TABELAS PARA CÁLCULOS NO SISTEMA DE PROJEÇÃO UNIVERSAL TRANSVERSO DE MERCATOR

UTM

ELIPSÓIDE INTERNACIONAL DE 1967 - 2ª Edição

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TABELAS PARA CÁLCULOS NO SISTEMA DE PROJEÇÃO UNIVERSAL TRANSVERSO DE MERCATOR (UTM) (Elipsóide Internacional de 1967)

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APRESENTAÇÃO DA 1ª EDIÇÃO

A partir de 1977 a **Fundação Instituto Brasileiro de Geografia e Estatística - IBGE** - passou a adotar o Sistema Geodésico Sul-Americano de 1969 (SAD-69) como referencial para os trabalhos geodésicos em território brasileiro.

A superfície geométrica adotada como figura da Terra, nesse Sistema Geodésico, coincide com a do Elipsóide Internacional de Referência de 1967, então recomendado pela Associação Geodésica Internacional, na Assembléia Geral de Lucerne, para uso universal.

Considerando as decisões e recomendações anteriores, os cálculos das posições planas dos pontos na superfície terrestre passaram, desde então, a ser conduzidos segundo o Elipsóide Internacional de 1967.

Por muitos anos, o IBGE ficou devendo à comunidade cartográfica brasileira as tabelas necessárias à condução dos cálculos rigorosos nesse novo sistema projetivo Universal Transverso de Mercator - UTM. Tem a honra de pagar agora esta dívida a partir deste trabalho desenvolvido pelo Engenheiro **Luiz Paulo Souto Fortes**, na qualidade de Chefe do Departamento de Cálculos e Análises da Superintendência de Geodésia, que concebeu e projetou os programas computacionais necessários à geração das tabelas, além de ter desenvolvido o estudo de precisões numéricas para os elementos tabulares e cálculos decorrentes, que as acompanham.

Rio de Janeiro, RJ, agosto de 1986

MAURO PEREIRA DE MELLO
Diretor de Geodésia e Cartografia

APRESENTAÇÃO DA 2ª EDIÇÃO

A partir de 1977 a **Fundação Instituto Brasileiro de Geografia e Estatística - IBGE** - passou a adotar o Sistema Geodésico Sul-Americano de 1969 (SAD-69) como referencial para os trabalhos geodésicos em território brasileiro.

A superfície geométrica adotada como figura da Terra, nesse Sistema Geodésico, coincide com a do Elipsóide Internacional de Referência de 1967, então recomendado pela Associação Geodésica Internacional, na Assembléia Geral de Lucerne, para uso universal.

A presente edição, revisada pelo autor Engenheiro Luiz Paulo Souto Fortes, Chefe da Divisão de Pesquisas e Análises do Departamento de Geodésia, tem por objetivo continuar oferecendo à comunidade cartográfica nacional as tabelas necessárias à realização dos cálculos no Sistema Projetivo Universal Transverso de Mercator - UTM.

Rio de Janeiro, RJ, dezembro de 1995

Trento Natali Filho
Diretor de Geociências

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1 INTRODUÇÃO

1.1 Características do Sistema UTM

a) Projeção: Transversa de Mercator em fusos de 6° de amplitude
b) Latitude de Origem: 0° (Equador)
c) Longitude de Origem: a do meridiano central de cada fuso
d) Translação Norte - Sul: 0 m para o hemisfério norte
10 000 000 m para o hemisfério sul
e) Translação E - 0: 500 000 m
f) Fator de Escala no Meridiano Central: 0.9996
g) Numeração das Zonas: a partir do antimeridiano de Greenwich, para leste
zona 1: 180° W a 174° W
zona 60: 174° E a 180° E
h) Limites em Latitude: 84° N e 80° S

1.2 Elipsóide de Referência

As tabelas foram calculadas para o Elipsóide Internacional de Referência de 1967. Este elipsóide é o adotado no Sistema Geodésico Sul-Americano de 1969 - SAD-69 -, tendo os seguintes parâmetros definidores:

semi-eixo maior: A = 6 378 160 m

achatamento: F = 1/298.25

1.3 Convenções Adotadas

Longitudes negativas a oeste de Greenwich, inclusive a do meridiano central de cada fuso.

Nas fórmulas adotadas, consideram-se sempre os fatores P e Q com sinais.

No caso da convergência meridiana, os cálculos efetuados proporcionam o atendimento à seguinte convenção:

SINAL DA CONVERGÊNCIA MERIDIANA
EM FUNÇÃO DA SITUAÇÃO DO PONTO

	A Oeste do Meridiano Central do Fuso	A Leste do Meridiano Central do Fuso
Hemisfério Norte	-	+
Hemisfério Sul	+	-

Para este fim, os coeficientes (XII), (XIII), (C'5), (XV), (XVI) e (F'5) devem ser tornados negativos após a interpolação nas TABELAS 3 e 4, no caso do ponto de interesse se situar no hemisfério sul.

1.4 Precisões

As tabelas, contidas nesta publicação, foram elaboradas de forma a possibilitarem transformações de coordenadas, cálculos da convergência meridiana e de fator de escala. Os termos A6, B5, C5, D6, E5 e F5, que, normalmente, aparecem em ábacos foram substituídos, respectivamente, pelo produto dos coeficientes A'6, B'5, C'5, D'6, E'5 e F'5, tabelados em função da latitude, por potências de P ou Q.

As tabelas fornecem, para latitudes menores que 45° em valor absoluto, as seguintes precisões (ver cap. 4):

coordenadas geodésicas para UTM	±0.001 m
coordenadas UTM para geodésicas	±0.0001"
convergência meridiana	±0.001"
fator de escala	±0.0000001

2 UTILIZAÇÃO DAS TABELAS

2.1 Transformação de Coordenadas Geodésicas em UTM (Tabela 1)

A) Fórmulas:

$N1 = (I) + (II) \times p^2 + (III) \times p^4 + (A'6) \times p^6$

$E = 500\,000 + (IV) \times P + (V) \times p^3 + (B'5) \times p^5$

Hemisfério norte: $N = N1$
Hemisfério sul: $N = 10\,000\,000 - N1$

$P = 0.0001 \times (LONGITUDE - MC)''$

MC --> longitude do meridiano central

B) Exemplo:

Latitude = -16° 23' 30.7554"

Longitude = -54° 51' 22.1918"

– Cálculo de P

Meridiano central (MC) = -57°

$P = 0.0001 \times (54° 51' 22.1918'' - (-57°))'' =$
$= 0.0001 \times (+ 2° 08' 37.8082'') =$
$= 0.0001 \times 7717.8082'' \Longrightarrow P = 0.77178082$

Daí,

$p^2 = 0.595645634$
$p^3 = 0.459707876$
$p^4 = 0.354793721$
$p^5 = 0.273822989$
$p^6 = 0.211331331$

– Cálculo dos coeficientes: através da interpolação linear dos valores contidos na tabela 1, tendo o valor absoluto da LATITUDE como argumento.

Desta forma,

(I) = 1811344.581 + (1813188.229 - 1811344.581) x 30.7554/60 = 1812289.617

(II) = 2028.151 + (2029.985 - 2028.151) x 30.7554/60 = 2029.091090

(III) = 1.8171 + (1.8184 - 1.8171) x 30.7554/60 = 1.817766367

(A'6) = 0.0015

(IV) = 296614.024 + (296601.409 - 296614.024) x 0.7554/30 = 296613.7064
(notar que os valores do coeficiente (IV) são dados de 30 em 30 segundos --> ver cap. 4)

(V) = 98.375 + (98.329 - 98.375) x 30.7554/60 = 98.35142086

(B'5) = 0.0406 + (0.0405 - 0.0406) x 30.7554/60 = 0.040548741

– Cálculo de N:

(I)	= 1812289.617
(II) x p^2 =	1208.619249
(III) x p^4 =	0.644932094
+ (A'6) x p^6 =	0.000316997
N1	= 1813498.881

como o ponto está no hemisfério sul,

N = 10 000 000 - 1813498.881 ==> N = 8186501.119 m

– Cálculo de E:

(IV) x P	= 228920.7695
(V) x p^3 =	45.21292278
+ (B'5) x p^5 =	0.011103177
E	= 228965.9935 + 500 000 ==> E = 728965.994 m

2.2 Transformação de Coordenadas UTM em Geodésicas (Tabela 2)

A) Fórmulas:

Latitude = LAT1 - (VII) x Q^2 + (VIII) x Q^4 - (D'6) x Q^6

Longitude = MC + (IX) x Q - (X) x Q^3+ (E'5) x Q^5

LAT1 : argumento da tabela para (I) = N1

Hemisfério norte: N1 = N

Hemisfério sul: N1 = 10 000 000 - N

Q = 0.000001 x (E - 500 000)

B) Exemplo:

N = 8186501.119 m (hemisfério sul)

E = 728965.994 m

MC = -57

– Cálculo de Q:

$Q = 0.000001 \times (728965.994 - 500\,000) \Longrightarrow Q = 0.228965994$

Daí,

$Q^2 = 0.052425426$

$Q^3 = 0.012003640$

$Q^4 = 0.002748425$

$Q^5 = 0.000629296$

$Q^6 = 0.000144087$

– Cálculo de LAT1 --> argumento da tabela 2 para (I) = N1

Como o ponto está no hemisfério sul,

N1 = 10 000 000 - 8186501.119 = 1813498.881

LAT1 = 16° 24' + 60" X (1813498.881 - 1813188.229)/
(1815031.880 - 1813188.229) ==> LAT1 = 16° 24' 10.10989607"

– Cálculo dos coeficientes --> através da interpolação linear dos valores contidos na tabela 2, tendo LAT1 como argumento

(VII) = 750.9642 + (751.7692 - 750.9642) X 10.10989607/60 = 751.0998411

(VIII) = 8.095 + (8.105 - 8.095) X 10.10989607/60 = 8.096684983

(D' 6) = 0.09

(IX) = 33715.2815 + (33716.7162 - 33715.2815) X 10.10989607/30 = 33715.76499 (notar que os valores do coeficiente (IX) são dados de 30 em 30 segundos --> ver Cap. 4)

(X) = 162.959 + (163.024 - 162.959) X 10.10989607/60 = 162.9699524

(E' 5) = 1.30

– Cálculo da Latitude:

$$\begin{array}{rcl} -(VII) \times Q^2 & = & -39.37672945 \\ (VIII) \times Q^4 & = & 0.022253134 \\ +-(D'\,6) \times Q^6 & = & -0.000012968 \\ \hline \end{array}$$

Latitude = -39.35448929" + LAT1 = -39.35448929" + 16° 24' 10.10989607" ==>
==> Latitude = 16° 23' 30.7554"

como o ponto está no hemisfério sul,

Latitude = -16° 23' 30.7554"

– Cálculo da Longitude:

$$\begin{array}{rcl} (IX) \times Q & = & 7719.763644 \\ -(X) \times Q^3 & = & -1.956232618 \\ -(E'\,5) \times Q^5 & = & 0.000818095 \\ \hline \end{array}$$

Longitude = 7717.808229" + MC = 02° 08' 37.808229" - 57° ==>
Longitude = -54° 51' 22.1918"

2.3 Cálculo da Convergência Meridiana

2.3.1 Em função das coordenadas geodésicas (Tabela 3)

A) Fórmulas:

$$C = (XII) \times P + (XIII) \times P^3 + (C'5) \times P^5$$

B) Exemplo:

Latitude = -16° 23' 30.7554"

Longitude = -54° 51' 22.1918"

Cálculo de P (ver seção 2.1B)

$P = 0.77178082$

$P^3 = 0.459707876$

$P^5 = 0.273822989$

– Cálculo dos Coeficientes --> através da interpolação linear dos valores contidos na tabela 3, tendo o valor absoluto da LATITUDE como argumento.

Desse modo,

(XII) = 2820.624 + (2823.415 - 2820.624) x 30.7554/60 = 2822.054639

(XIII) = 2.072 + (2.074 - 2.072) x 30.7554/60 = 2.073025180

(C'5) = 0.002

Como o ponto se situa no hemisfério sul (ver seção 1.3).

(XII) = -2822.054639

(XIII) = - 2.073025180

(C'5) = - 0.002

Cálculo de C:

(XII) x P = -2178.007643

(XIII) x P^3 = - 0.952986002

+(C'5) x P^5 = - 0.000547646

C = -2178.961177" ==>

==>C = -00° 36' 18.961"

2.3.2 Em função das coordenadas UTM (Tabela 4)

A) Fórmulas:

$$C = (XV) \times Q - (XVI) \times Q^3 + (F'5) \times Q^5$$

B) Exemplo:

N = 8186501.119 m (hemisfério sul)

E = 728965.994 m

CM = -57

– Cálculo de Q (ver seção 2.2B)

$Q = 0.228965994$

$Q^3 = 0.012003640$

$Q^5 = 0.000629296$

Cálculo de LAT1 (ver seção 2.2B)

LAT1 16° 24' 10.10989607"

Cálculo dos Coeficientes –> através da interpolação linear dos valores contidos na tabela 4, tendo LAT1 como argumento.

Desta forma,

$(XV) = 9519.222 + (9529.441 - 9519.222) \times 10.10989607/60 = 9520.943884$

$(XVI) = 84.29 + (84.39 - 84.29) \times 10.10989607/60 = 84.30684983$

$(F'5) = 0.9$

Como o ponto se situa no hemisfério sul (ver seção 1.3).

$(XV) = -9520.943884$

$(XVI) = -\ 84.30684983$

$(F'5) = -\ 0.9$

– Cálculo de C:

$(XV) \times Q = -2179.972380$

$-(XVI) \times Q^3 = +\ 1.011989064$

$+(F'5) \times Q^5 = -\ 0.000566366$

C = -2178.960957" ==>

==>C = -00° 36' 18.961"

2.4 Cálculo do Fator de Escala (Tabela 5)

A) Fórmulas:

$$K = KO \times (1 + (XVIII) \times Q^2 + 0.00003 \times Q^4)$$

$$KO = 0.9996$$

B) Exemplo:

N = 8186501.119 m

E = 728965.994 m

Cálculo de Q (ver seção 2.2B)

$Q = 0.228965994$

$Q^2 = 0.052425426$

$Q^4 = 0.002748425$

Cálculo de LAT1 (ver seção 2.2B)

LAT1 = 16° 24' 10.10989607"

– Determinação do Coeficiente (XVIII) –> obtida diretamente da tabela 5, sem necessidade de interpolação, tendo LAT1 como argumento.

(XVIII) = 0.012370

– Cálculo de K

$(XVIII) \times Q^2 = 0.000648503$

$0.00003 \times Q^4 = 0.000000082$

$K = 0.9996 \times (1 + 0.000648503 + 0.000000082)$ ==>
==> $K = 1.0002483$

3 TABELAS

TRANSFORMAÇÃO DE COORDENADAS GEODÉSICAS EM UTM

$$N1 = (I) + (II)\ P^2 + (III)\ P^4 + (A'6)\ P^6$$

$$E = 500000 + (IV)\ P + (V)\ P^3 + (B'5)\ P^5$$

HEMISFÉRIO NORTE: $N = N1$

HEMISFÉRIO SUL: $N = 10000000 - N1$

$$P = 0.0001\ (LONGITUDE - MC)''$$

LONGITUDE E MERIDIANO CENTRAL (MC) NEGATIVOS A OESTE DE GREENWICH

OBSERVAÇÃO

Nas fórmulas que aparecem no cabeçalho das tabelas, em decorrência das limitações da cadeia de impressão do computador, foram utilizados dois asteriscos (**) como sinal de expoente. Ex.: Q** 5 equivale a Q^5
P** 2 equivale a P^2

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
0	0	0.000	0.000	0.0000	0.0000	121.902	0.0725	00	309098.234	30	309098.231
	1	1842.174	2.180	0.0022	0.0000	121.902	0.0725	00	309098.221	30	309098.205
	2	3684.348	4.359	0.0043	0.0000	121.902	0.0725	00	309098.182	30	309098.153
	3	5526.521	6.539	0.0065	0.0000	121.902	0.0725	00	309098.117	30	309098.075
	4	7368.695	8.718	0.0086	0.0000	121.902	0.0725	00	309098.026	30	309097.971
0	5	9210.869	10.898	0.0108	0.0000	121.902	0.0725	00	309097.909	30	309097.841
	6	11053.043	13.077	0.0130	0.0000	121.901	0.0725	00	309097.766	30	309097.685
	7	12895.217	15.257	0.0151	0.0000	121.901	0.0725	00	309097.598	30	309097.503
	8	14737.390	17.436	0.0173	0.0000	121.901	0.0725	00	309097.403	30	309097.296
	9	16579.564	19.616	0.0194	0.0000	121.900	0.0725	00	309097.182	30	309097.062
0	10	18421.738	21.795	0.0216	0.0000	121.900	0.0725	00	309096.935	30	309096.802
	11	20263.912	23.975	0.0238	0.0000	121.899	0.0725	00	309096.662	30	309096.516
	12	22106.086	26.154	0.0259	0.0000	121.899	0.0725	00	309096.364	30	309096.204
	13	23948.260	28.334	0.0281	0.0000	121.898	0.0725	00	309096.039	30	309095.867
	14	25790.434	30.513	0.0302	0.0000	121.897	0.0725	00	309095.688	30	309095.503
0	15	27632.608	32.693	0.0324	0.0000	121.897	0.0725	00	309095.311	30	309095.113
	16	29474.783	34.872	0.0346	0.0000	121.896	0.0725	00	309094.909	30	309094.698
	17	31316.957	37.052	0.0367	0.0000	121.895	0.0725	00	309094.480	30	309094.256
	18	33159.131	39.231	0.0389	0.0000	121.894	0.0725	00	309094.025	30	309093.788
	19	35001.305	41.411	0.0410	0.0000	121.893	0.0725	00	309093.545	30	309093.295
0	20	36843.480	43.590	0.0432	0.0000	121.892	0.0725	00	309093.038	30	309092.775
	21	38685.654	45.769	0.0454	0.0000	121.891	0.0725	00	309092.506	30	309092.230
	22	40527.829	47.949	0.0475	0.0000	121.890	0.0725	00	309091.947	30	309091.658
	23	42370.003	50.128	0.0497	0.0000	121.889	0.0725	00	309091.362	30	309091.060
	24	44212.178	52.308	0.0518	0.0001	121.888	0.0725	00	309090.752	30	309090.437
0	25	46054.353	54.487	0.0540	0.0001	121.886	0.0725	00	309090.115	30	309089.787
	26	47896.527	56.666	0.0562	0.0001	121.885	0.0725	00	309089.453	30	309089.112
	27	49738.702	58.846	0.0583	0.0001	121.884	0.0725	00	309088.765	30	309088.411
	28	51580.877	61.025	0.0605	0.0001	121.882	0.0725	00	309088.050	30	309087.683
	29	53423.052	63.204	0.0626	0.0001	121.881	0.0725	00	309087.310	30	309086.930
0	30	55265.227	65.383	0.0648	0.0001	121.879	0.0725	00	309086.543	30	309086.150
	31	57107.403	67.563	0.0670	0.0001	121.878	0.0725	00	309085.751	30	309085.345
	32	58949.578	69.742	0.0691	0.0001	121.876	0.0725	00	309084.933	30	309084.514
	33	60791.753	71.921	0.0713	0.0001	121.874	0.0725	00	309084.088	30	309083.656
	34	62633.929	74.100	0.0734	0.0001	121.873	0.0725	00	309083.218	30	309082.773
0	35	64476.105	76.279	0.0756	0.0001	121.871	0.0724	00	309082.322	30	309081.864
	36	66318.280	78.458	0.0778	0.0001	121.869	0.0724	00	309081.399	30	309080.929
	37	68160.456	80.637	0.0799	0.0001	121.867	0.0724	00	309080.451	30	309079.967
	38	70002.632	82.816	0.0821	0.0001	121.865	0.0724	00	309079.477	30	309078.980
	39	71844.808	84.995	0.0842	0.0001	121.863	0.0724	00	309078.477	30	309077.967
0	40	73686.985	87.174	0.0864	0.0001	121.861	0.0724	00	309077.451	30	309076.928
	41	75529.161	89.353	0.0886	0.0001	121.859	0.0724	00	309076.398	30	309075.863
	42	77371.337	91.532	0.0907	0.0001	121.857	0.0724	00	309075.320	30	309074.772
	43	79213.514	93.711	0.0929	0.0001	121.855	0.0724	00	309074.216	30	309073.654
	44	81055.691	95.890	0.0950	0.0001	121.853	0.0724	00	309073.086	30	309072.511
0	45	82897.868	98.069	0.0972	0.0001	121.850	0.0724	00	309071.930	30	309071.342
	46	84740.045	100.248	0.0994	0.0001	121.848	0.0724	00	309070.748	30	309070.147
	47	86582.222	102.426	0.1015	0.0001	121.845	0.0724	00	309069.540	30	309068.926
	48	88424.399	104.605	0.1037	0.0001	121.843	0.0724	00	309068.306	30	309067.679
	49	90266.577	106.784	0.1058	0.0001	121.841	0.0724	00	309067.046	30	309066.406
0	50	92108.754	108.962	0.1080	0.0001	121.838	0.0724	00	309065.760	30	309065.107
	51	93950.932	111.141	0.1101	0.0001	121.835	0.0724	00	309064.448	30	309063.783
	52	95793.110	113.320	0.1123	0.0001	121.833	0.0724	00	309063.110	30	309062.432
	53	97635.288	115.498	0.1145	0.0001	121.830	0.0724	00	309061.746	30	309061.055
	54	99477.466	117.677	0.1166	0.0001	121.827	0.0724	00	309060.357	30	309059.652
0	55	101319.645	119.855	0.1188	0.0001	121.824	0.0724	00	309058.941	30	309058.223
	56	103161.823	122.034	0.1209	0.0001	121.822	0.0724	00	309057.499	30	309056.768
	57	105004.002	124.212	0.1231	0.0001	121.819	0.0724	00	309056.031	30	309055.288
	58	106846.181	126.390	0.1252	0.0001	121.816	0.0724	00	309054.537	30	309053.781
	59	108688.360	128.569	0.1274	0.0001	121.813	0.0724	00	309053.018	30	309052.248
1	00	110530.539	130.747	0.1296	0.0001	121.810	0.0724	00	309051.472	30	309050.689

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
1	0	110530.539	130.747	0.1296	0.0001	121.810	0.0724	00	309051.472	30	309050.689
	1	112372.719	132.925	0.1317	0.0001	121.807	0.0724	00	309049.900	30	309049.105
	2	114214.899	135.103	0.1339	0.0001	121.803	0.0723	00	309048.303	30	309047.494
	3	116057.078	137.281	0.1360	0.0001	121.800	0.0723	00	309046.679	30	309045.857
	4	117899.259	139.459	0.1382	0.0001	121.797	0.0723	00	309045.029	30	309044.195
1	5	119741.439	141.637	0.1403	0.0001	121.794	0.0723	00	309043.354	30	309042.506
	6	121583.619	143.815	0.1425	0.0001	121.790	0.0723	00	309041.652	30	309040.792
	7	123425.800	145.993	0.1447	0.0001	121.787	0.0723	00	309039.925	30	309039.051
	8	125267.981	148.171	0.1468	0.0001	121.783	0.0723	00	309038.171	30	309037.285
	9	127110.162	150.349	0.1490	0.0001	121.780	0.0723	00	309036.392	30	309035.492
1	10	128952.343	152.527	0.1511	0.0001	121.776	0.0723	00	309034.586	30	309033.674
	11	130794.525	154.705	0.1533	0.0001	121.773	0.0723	00	309032.755	30	309031.829
	12	132636.707	156.882	0.1554	0.0002	121.769	0.0723	00	309030.897	30	309029.959
	13	134478.889	159.060	0.1576	0.0002	121.765	0.0723	00	309029.014	30	309028.063
	14	136321.071	161.237	0.1597	0.0002	121.761	0.0723	00	309027.105	30	309026.140
1	15	138163.253	163.415	0.1619	0.0002	121.758	0.0723	00	309025.169	30	309024.192
	16	140005.436	165.592	0.1640	0.0002	121.754	0.0723	00	309023.208	30	309022.218
	17	141847.619	167.770	0.1662	0.0002	121.750	0.0723	00	309021.221	30	309020.217
	18	143689.802	169.947	0.1684	0.0002	121.746	0.0723	00	309019.207	30	309018.191
	19	145531.986	172.124	0.1705	0.0002	121.742	0.0723	00	309017.168	30	309016.139
1	20	147374.169	174.302	0.1727	0.0002	121.738	0.0723	00	309015.103	30	309014.061
	21	149216.353	176.479	0.1748	0.0002	121.733	0.0722	00	309013.012	30	309011.957
	22	151058.537	178.656	0.1770	0.0002	121.729	0.0722	00	309010.895	30	309009.826
	23	152900.722	180.833	0.1791	0.0002	121.725	0.0722	00	309008.752	30	309007.670
	24	154742.907	183.010	0.1813	0.0002	121.721	0.0722	00	309006.583	30	309005.488
1	25	156585.092	185.187	0.1834	0.0002	121.716	0.0722	00	309004.387	30	309003.280
	26	158427.277	187.364	0.1856	0.0002	121.712	0.0722	00	309002.166	30	309001.046
	27	160269.462	189.541	0.1877	0.0002	121.708	0.0722	00	308999.919	30	308998.786
	28	162111.648	191.717	0.1899	0.0002	121.703	0.0722	00	308997.646	30	308996.500
	29	163953.834	193.894	0.1920	0.0002	121.698	0.0722	00	308995.347	30	308994.188
1	30	165796.020	196.071	0.1942	0.0002	121.694	0.0722	00	308993.023	30	308991.850
	31	167638.207	198.247	0.1963	0.0002	121.689	0.0722	00	308990.672	30	308989.486
	32	169480.394	200.424	0.1985	0.0002	121.685	0.0722	00	308988.295	30	308987.097
	33	171322.581	202.600	0.2007	0.0002	121.680	0.0722	00	308985.892	30	308984.681
	34	173164.768	204.776	0.2028	0.0002	121.675	0.0722	00	308983.463	30	308982.239
1	35	175006.956	206.953	0.2050	0.0002	121.670	0.0722	00	308981.008	30	308979.771
	36	176849.144	209.129	0.2071	0.0002	121.665	0.0721	00	308978.528	30	308977.278
	37	178691.333	211.305	0.2093	0.0002	121.660	0.0721	00	308976.021	30	308974.758
	38	180533.521	213.481	0.2114	0.0002	121.655	0.0721	00	308973.488	30	308972.212
	39	182375.710	215.657	0.2136	0.0002	121.650	0.0721	00	308970.930	30	308969.640
1	40	184217.899	217.833	0.2157	0.0002	121.645	0.0721	00	308968.345	30	308967.043
	41	186060.089	220.009	0.2179	0.0002	121.640	0.0721	00	308965.734	30	308964.419
	42	187902.279	222.185	0.2200	0.0002	121.635	0.0721	00	308963.098	30	308961.770
	43	189744.469	224.360	0.2222	0.0002	121.629	0.0721	00	308960.435	30	308959.094
	44	191586.660	226.536	0.2243	0.0002	121.624	0.0721	00	308957.747	30	308956.393
1	45	193428.851	228.712	0.2265	0.0002	121.619	0.0721	00	308955.032	30	308953.665
	46	195271.042	230.887	0.2286	0.0002	121.613	0.0721	00	308952.292	30	308950.912
	47	197113.233	233.062	0.2308	0.0002	121.608	0.0721	00	308949.525	30	308948.132
	48	198955.425	235.238	0.2329	0.0002	121.602	0.0721	00	308946.733	30	308945.327
	49	200797.617	237.413	0.2351	0.0002	121.597	0.0720	00	308943.915	30	308942.496
1	50	202639.810	239.588	0.2372	0.0002	121.591	0.0720	00	308941.070	30	308939.639
	51	204482.003	241.763	0.2393	0.0002	121.585	0.0720	00	308938.200	30	308936.755
	52	206324.196	243.938	0.2415	0.0002	121.580	0.0720	00	308935.304	30	308933.846
	53	208166.390	246.113	0.2436	0.0002	121.574	0.0720	00	308932.382	30	308930.911
	54	210008.584	248.288	0.2458	0.0002	121.568	0.0720	00	308929.433	30	308927.950
1	55	211850.778	250.463	0.2479	0.0002	121.562	0.0720	00	308926.459	30	308924.963
	56	213692.972	252.637	0.2501	0.0002	121.556	0.0720	00	308923.459	30	308921.949
	57	215535.168	254.812	0.2522	0.0002	121.550	0.0720	00	308920.433	30	308918.910
	58	217377.363	256.986	0.2544	0.0002	121.544	0.0720	00	308917.381	30	308915.845
	59	219219.559	259.161	0.2565	0.0002	121.538	0.0720	00	308914.303	30	308912.754
2	00	221061.755	261.335	0.2587	0.0003	121.532	0.0720	00	308911.199	30	308909.637

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
2	0	221061.755	261.335	0.2587	0.0003	121.532	0.0720	00	308911.199	30	308909.637
	1	222903.951	263.509	0.2608	0.0003	121.526	0.0719	00	308908.069	30	308906.495
	2	224746.148	265.683	0.2630	0.0003	121.519	0.0719	00	308904.913	30	308903.326
	3	226588.345	267.857	0.2651	0.0003	121.513	0.0719	00	308901.731	30	308900.131
	4	228430.543	270.031	0.2673	0.0003	121.507	0.0719	00	308898.524	30	308896.910
2	5	230272.741	272.205	0.2694	0.0003	121.500	0.0719	00	308895.290	30	308893.663
	6	232114.939	274.379	0.2715	0.0003	121.494	0.0719	00	308892.030	30	308890.390
	7	233957.138	276.553	0.2737	0.0003	121.487	0.0719	00	308888.744	30	308887.092
	8	235799.338	278.726	0.2758	0.0003	121.481	0.0719	00	308885.433	30	308883.767
	9	237641.537	280.900	0.2780	0.0003	121.474	0.0719	00	308882.095	30	308880.417
2	10	239483.737	283.073	0.2801	0.0003	121.468	0.0719	00	308878.731	30	308877.040
	11	241325.938	285.247	0.2823	0.0003	121.461	0.0719	00	308875.342	30	308873.637
	12	243168.138	287.420	0.2844	0.0003	121.454	0.0718	00	308871.926	30	308870.209
	13	245010.340	289.593	0.2865	0.0003	121.447	0.0718	00	308868.485	30	308866.754
	14	246852.541	291.766	0.2887	0.0003	121.440	0.0718	00	308865.017	30	308863.274
2	15	248694.743	293.939	0.2908	0.0003	121.434	0.0718	00	308861.524	30	308859.768
	16	250536.946	296.112	0.2930	0.0003	121.427	0.0718	00	308858.005	30	308856.235
	17	252379.149	298.284	0.2951	0.0003	121.420	0.0718	00	308854.459	30	308852.677
	18	254221.352	300.457	0.2973	0.0003	121.412	0.0718	00	308850.888	30	308849.093
	19	256063.556	302.629	0.2994	0.0003	121.405	0.0718	00	308847.291	30	308845.482
2	20	257905.760	304.802	0.3015	0.0003	121.398	0.0718	00	308843.668	30	308841.846
	21	259747.965	306.974	0.3037	0.0003	121.391	0.0717	00	308840.018	30	308838.184
	22	261590.170	309.146	0.3058	0.0003	121.384	0.0717	00	308836.343	30	308834.496
	23	263432.375	311.319	0.3080	0.0003	121.376	0.0717	00	308832.642	30	308830.782
	24	265274.581	313.491	0.3101	0.0003	121.369	0.0717	00	308828.915	30	308827.042
2	25	267116.788	315.662	0.3122	0.0003	121.362	0.0717	00	308825.162	30	308823.276
	26	268958.995	317.834	0.3144	0.0003	121.354	0.0717	00	308821.383	30	308819.484
	27	270801.202	320.006	0.3165	0.0003	121.347	0.0717	00	308817.578	30	308815.666
	28	272643.410	322.177	0.3186	0.0003	121.339	0.0717	00	308813.747	30	308811.822
	29	274485.618	324.349	0.3208	0.0003	121.331	0.0717	00	308809.891	30	308807.952
2	30	276327.827	326.520	0.3229	0.0003	121.324	0.0717	00	308806.008	30	308804.057
	31	278170.036	328.692	0.3251	0.0003	121.316	0.0716	00	308802.099	30	308800.135
	32	280012.246	330.863	0.3272	0.0003	121.308	0.0716	00	308798.164	30	308796.187
	33	281854.456	333.034	0.3293	0.0003	121.300	0.0716	00	308794.204	30	308792.214
	34	283696.667	335.205	0.3315	0.0003	121.292	0.0716	00	308790.217	30	308788.214
2	35	285538.878	337.375	0.3336	0.0003	121.285	0.0716	00	308786.204	30	308784.188
	36	287381.089	339.546	0.3357	0.0003	121.277	0.0716	00	308782.166	30	308780.137
	37	289223.301	341.717	0.3379	0.0003	121.269	0.0716	00	308778.101	30	308776.059
	38	291065.514	343.887	0.3400	0.0003	121.260	0.0716	00	308774.011	30	308771.956
	39	292907.727	346.057	0.3421	0.0003	121.252	0.0715	00	308769.895	30	308767.827
2	40	294749.941	348.228	0.3443	0.0003	121.244	0.0715	00	308765.752	30	308763.671
	41	296592.155	350.398	0.3464	0.0003	121.236	0.0715	00	308761.584	30	308759.490
	42	298434.369	352.568	0.3486	0.0003	121.228	0.0715	00	308757.390	30	308755.283
	43	300276.584	354.738	0.3507	0.0003	121.219	0.0715	00	308753.170	30	308751.050
	44	302118.800	356.907	0.3528	0.0003	121.211	0.0715	00	308748.923	30	308746.791
2	45	303961.016	359.077	0.3550	0.0003	121.202	0.0715	00	308744.651	30	308742.505
	46	305803.233	361.247	0.3571	0.0003	121.194	0.0715	00	308740.353	30	308738.194
	47	307645.450	363.416	0.3592	0.0003	121.185	0.0715	00	308736.029	30	308733.857
	48	309487.668	365.585	0.3613	0.0003	121.177	0.0714	00	308731.679	30	308729.495
	49	311329.886	367.754	0.3635	0.0004	121.168	0.0714	00	308727.303	30	308725.106
2	50	313172.104	369.923	0.3656	0.0004	121.159	0.0714	00	308722.901	30	308720.691
	51	315014.324	372.092	0.3677	0.0004	121.151	0.0714	00	308718.474	30	308716.250
	52	316856.543	374.261	0.3699	0.0004	121.142	0.0714	00	308714.020	30	308711.783
	53	318698.764	376.430	0.3720	0.0004	121.133	0.0714	00	308709.540	30	308707.291
	54	320540.985	378.598	0.3741	0.0004	121.124	0.0714	00	308705.035	30	308702.772
2	55	322383.206	380.767	0.3763	0.0004	121.115	0.0713	00	308700.503	30	308698.227
	56	324225.428	382.935	0.3784	0.0004	121.106	0.0713	00	308695.945	30	308693.657
	57	326067.651	385.103	0.3805	0.0004	121.097	0.0713	00	308691.362	30	308689.060
	58	327909.874	387.271	0.3826	0.0004	121.088	0.0713	00	308686.752	30	308684.438
	59	329752.097	389.439	0.3848	0.0004	121.079	0.0713	00	308682.117	30	308679.790
3	00	331594.321	391.607	0.3869	0.0004	121.070	0.0713	00	308677.456	30	308675.115

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
3	0	331594.321	391.607	0.3869	0.0004	121.070	0.0713	00	308677.456	30	308675.115
	1	333436.546	393.774	0.3890	0.0004	121.060	0.0713	00	308672.768	30	308670.415
	2	335278.771	395.942	0.3912	0.0004	121.051	0.0713	00	308668.055	30	308665.689
	3	337120.997	398.109	0.3933	0.0004	121.042	0.0712	00	308663.316	30	308660.937
	4	338963.224	400.276	0.3954	0.0004	121.032	0.0712	00	308658.551	30	308656.159
3	5	340805.451	402.443	0.3975	0.0004	121.023	0.0712	00	308653.760	30	308651.355
	6	342647.678	404.610	0.3997	0.0004	121.013	0.0712	00	308648.943	30	308646.525
	7	344489.906	406.777	0.4018	0.0004	121.004	0.0712	00	308644.100	30	308641.669
	8	346332.135	408.944	0.4039	0.0004	120.994	0.0712	00	308639.231	30	308636.787
	9	348174.365	411.110	0.4060	0.0004	120.984	0.0712	00	308634.336	30	308631.879
3	10	350016.594	413.277	0.4082	0.0004	120.975	0.0711	00	308629.415	30	308626.945
	11	351858.825	415.443	0.4103	0.0004	120.965	0.0711	00	308624.469	30	308621.986
	12	353701.056	417.609	0.4124	0.0004	120.955	0.0711	00	308619.496	30	308617.000
	13	355543.288	419.775	0.4145	0.0004	120.945	0.0711	00	308614.497	30	308611.988
	14	357385.520	421.941	0.4166	0.0004	120.935	0.0711	00	308609.473	30	308606.951
3	15	359227.753	424.106	0.4188	0.0004	120.925	0.0711	00	308604.422	30	308601.887
	16	361069.987	426.272	0.4209	0.0004	120.915	0.0711	00	308599.346	30	308596.798
	17	362912.221	428.437	0.4230	0.0004	120.905	0.0710	00	308594.244	30	308591.683
	18	364754.456	430.603	0.4251	0.0004	120.895	0.0710	00	308589.115	30	308586.541
	19	366596.691	432.768	0.4273	0.0004	120.885	0.0710	00	308583.961	30	308581.374
3	20	368438.927	434.933	0.4294	0.0004	120.875	0.0710	00	308578.781	30	308576.181
	21	370281.164	437.097	0.4315	0.0004	120.864	0.0710	00	308573.575	30	308570.962
	22	372123.401	439.262	0.4336	0.0004	120.854	0.0710	00	308568.343	30	308565.717
	23	373965.639	441.427	0.4357	0.0004	120.844	0.0710	00	308563.085	30	308560.446
	24	375807.877	443.591	0.4378	0.0004	120.833	0.0709	00	308557.801	30	308555.149
3	25	377650.116	445.755	0.4400	0.0004	120.823	0.0709	00	308552.491	30	308549.826
	26	379492.356	447.919	0.4421	0.0004	120.812	0.0709	00	308547.155	30	308544.477
	27	381334.597	450.083	0.4442	0.0004	120.802	0.0709	00	308541.793	30	308539.103
	28	383176.838	452.247	0.4463	0.0004	120.791	0.0709	00	308536.406	30	308533.702
	29	385019.080	454.411	0.4484	0.0004	120.780	0.0709	00	308530.992	30	308528.275
3	30	386861.322	456.574	0.4505	0.0004	120.770	0.0708	00	308525.552	30	308522.823
	31	388703.565	458.737	0.4527	0.0004	120.759	0.0708	00	308520.087	30	308517.344
	32	390545.809	460.901	0.4548	0.0004	120.748	0.0708	00	308514.596	30	308511.840
	33	392388.053	463.064	0.4569	0.0004	120.737	0.0708	00	308509.078	30	308506.310
	34	394230.298	465.226	0.4590	0.0004	120.726	0.0708	00	308503.535	30	308500.754
3	35	396072.544	467.389	0.4611	0.0004	120.715	0.0708	00	308497.966	30	308495.171
	36	397914.790	469.552	0.4632	0.0004	120.704	0.0708	00	308492.371	30	308489.563
	37	399757.037	471.714	0.4653	0.0004	120.693	0.0707	00	308486.749	30	308483.929
	38	401599.285	473.876	0.4675	0.0005	120.682	0.0707	00	308481.102	30	308478.269
	39	403441.533	476.038	0.4696	0.0005	120.671	0.0707	00	308475.430	30	308472.583
3	40	405283.782	478.200	0.4717	0.0005	120.659	0.0707	00	308469.731	30	308466.871
	41	407126.032	480.362	0.4738	0.0005	120.648	0.0707	00	308464.006	30	308461.134
	42	408968.283	482.523	0.4759	0.0005	120.637	0.0707	00	308458.255	30	308455.370
	43	410810.534	484.685	0.4780	0.0005	120.625	0.0706	00	308452.478	30	308449.580
	44	412652.786	486.846	0.4801	0.0005	120.614	0.0706	00	308446.676	30	308443.765
3	45	414495.038	489.007	0.4822	0.0005	120.602	0.0706	00	308440.847	30	308437.923
	46	416337.292	491.168	0.4843	0.0005	120.591	0.0706	00	308434.993	30	308432.056
	47	418179.546	493.329	0.4864	0.0005	120.579	0.0706	00	308429.113	30	308426.163
	48	420021.800	495.489	0.4886	0.0005	120.568	0.0706	00	308423.206	30	308420.243
	49	421864.056	497.650	0.4907	0.0005	120.556	0.0705	00	308417.274	30	308414.298
3	50	423706.312	499.810	0.4928	0.0005	120.544	0.0705	00	308411.316	30	308408.327
	51	425548.569	501.970	0.4949	0.0005	120.532	0.0705	00	308405.332	30	308402.330
	52	427390.826	504.130	0.4970	0.0005	120.521	0.0705	00	308399.322	30	308396.307
	53	429233.084	506.290	0.4991	0.0005	120.509	0.0705	00	308393.286	30	308390.258
	54	431075.343	508.449	0.5012	0.0005	120.497	0.0705	00	308387.224	30	308384.183
3	55	432917.603	510.609	0.5033	0.0005	120.485	0.0704	00	308381.136	30	308378.083
	56	434759.864	512.768	0.5054	0.0005	120.473	0.0704	00	308375.023	30	308371.956
	57	436602.125	514.927	0.5075	0.0005	120.461	0.0704	00	308368.883	30	308365.803
	58	438444.387	517.086	0.5096	0.0005	120.448	0.0704	00	308362.717	30	308359.625
	59	440286.649	519.245	0.5117	0.0005	120.436	0.0704	00	308356.526	30	308353.421
4	00	442128.913	521.403	0.5138	0.0005	120.424	0.0703	00	308350.309	30	308347.190

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
4	0	442128.913	521.403	0.5138	0.0005	120.424	0.0703	00	308350.309	30	308347.190
	1	443971.177	523.562	0.5159	0.0005	120.412	0.0703	00	308344.065	30	308340.934
	2	445813.442	525.720	0.5180	0.0005	120.399	0.0703	00	308337.796	30	308334.652
	3	447655.707	527.878	0.5201	0.0005	120.387	0.0703	00	308331.501	30	308328.344
	4	449497.974	530.036	0.5222	0.0005	120.374	0.0703	00	308325.180	30	308322.010
4	5	451340.241	532.193	0.5243	0.0005	120.362	0.0703	00	308318.833	30	308315.650
	6	453182.509	534.351	0.5264	0.0005	120.349	0.0702	00	308312.460	30	308309.264
	7	455024.778	535.508	0.5285	0.0005	120.337	0.0702	00	308306.061	30	308302.852
	8	456867.047	538.665	0.5306	0.0005	120.324	0.0702	00	308299.637	30	308296.415
	9	458709.318	540.822	0.5327	0.0005	120.311	0.0702	00	308293.186	30	308289.951
4	10	460551.589	542.979	0.5348	0.0005	120.299	0.0702	00	308286.709	30	308283.461
	11	462393.860	545.135	0.5369	0.0005	120.286	0.0701	00	308280.207	30	308276.946
	12	464236.133	547.292	0.5390	0.0005	120.273	0.0701	00	308273.679	30	308270.405
	13	466078.406	549.448	0.5411	0.0005	120.260	0.0701	00	308267.124	30	308263.837
	14	467920.681	551.604	0.5432	0.0005	120.247	0.0701	00	308260.544	30	308257.244
4	15	469762.956	553.760	0.5453	0.0005	120.234	0.0701	00	308253.938	30	308250.625
	16	471605.231	555.915	0.5474	0.0005	120.221	0.0701	00	308247.306	30	308243.980
	17	473447.508	558.071	0.5495	0.0005	120.208	0.0700	00	308240.648	30	308237.309
	18	475289.785	560.226	0.5516	0.0005	120.195	0.0700	00	308233.964	30	308230.612
	19	477132.064	562.381	0.5537	0.0005	120.182	0.0700	00	308227.254	30	308223.890
4	20	478974.343	564.536	0.5557	0.0005	120.168	0.0700	00	308220.519	30	308217.141
	21	480816.622	566.691	0.5578	0.0005	120.155	0.0700	00	308213.757	30	308210.367
	22	482658.903	568.845	0.5599	0.0005	120.142	0.0699	00	308206.970	30	308203.566
	23	484501.184	571.000	0.5620	0.0005	120.128	0.0699	00	308200.156	30	308196.740
	24	486343.467	573.154	0.5641	0.0005	120.115	0.0699	00	308193.317	30	308189.888
4	25	488185.750	575.308	0.5662	0.0005	120.101	0.0699	00	308186.452	30	308183.009
	26	490028.034	577.461	0.5683	0.0005	120.088	0.0699	00	308179.561	30	308176.105
	27	491870.318	579.615	0.5704	0.0005	120.074	0.0698	00	308172.643	30	308169.175
	28	493712.604	581.768	0.5725	0.0006	120.060	0.0698	00	308165.701	30	308162.219
	29	495554.890	583.921	0.5745	0.0006	120.047	0.0698	00	308158.732	30	308155.238
4	30	497397.178	586.074	0.5766	0.0006	120.033	0.0698	00	308151.737	30	308148.230
	31	499239.466	588.227	0.5787	0.0006	120.019	0.0698	00	308144.716	30	308141.196
	32	501081.755	590.380	0.5808	0.0006	120.005	0.0697	00	308137.670	30	308134.137
	33	502924.044	592.532	0.5829	0.0006	119.991	0.0697	00	308130.597	30	308127.051
	34	504766.335	594.684	0.5850	0.0006	119.977	0.0697	00	308123.499	30	308119.940
4	35	506608.626	596.836	0.5871	0.0006	119.963	0.0697	00	308116.375	30	308112.803
	36	508450.919	598.988	0.5891	0.0006	119.949	0.0697	00	308109.224	30	308105.640
	37	510293.212	601.140	0.5912	0.0006	119.935	0.0696	00	308102.048	30	308098.451
	38	512135.506	603.291	0.5933	0.0006	119.921	0.0696	00	308094.846	30	308091.236
	39	513977.801	605.442	0.5954	0.0006	119.907	0.0696	00	308087.619	30	308083.995
4	40	515820.097	607.593	0.5975	0.0006	119.893	0.0696	00	308080.365	30	308076.728
	41	517662.393	609.744	0.5995	0.0006	119.878	0.0696	00	308073.085	30	308069.436
	42	519504.691	611.894	0.6016	0.0006	119.864	0.0695	00	308065.780	30	308062.117
	43	521346.989	614.045	0.6037	0.0006	119.849	0.0695	00	308058.448	30	308054.773
	44	523189.289	616.195	0.6058	0.0006	119.835	0.0695	00	308051.091	30	308047.402
4	45	525031.589	618.345	0.6079	0.0006	119.820	0.0695	00	308043.708	30	308040.006
	46	526873.890	620.494	0.6099	0.0006	119.806	0.0695	00	308036.298	30	308032.584
	47	528716.192	622.644	0.6120	0.0006	119.791	0.0694	00	308028.863	30	308025.136
	48	530558.495	624.793	0.6141	0.0006	119.777	0.0694	00	308021.402	30	308017.662
	49	532400.799	626.942	0.6162	0.0006	119.762	0.0694	00	308013.916	30	308010.162
4	50	534243.103	629.091	0.6182	0.0006	119.747	0.0694	00	308006.403	30	308002.637
	51	536085.409	631.240	0.6203	0.0006	119.732	0.0693	00	307998.864	30	307995.085
	52	537927.715	633.388	0.6224	0.0006	119.717	0.0693	00	307991.300	30	307987.508
	53	539770.023	635.536	0.6245	0.0006	119.702	0.0693	00	307983.709	30	307979.904
	54	541612.331	637.684	0.6265	0.0006	119.688	0.0693	00	307976.093	30	307972.275
4	55	543454.640	639.832	0.6286	0.0006	119.673	0.0693	00	307968.451	30	307964.620
	56	545296.950	641.980	0.6307	0.0006	119.657	0.0692	00	307960.783	30	307956.939
	57	547139.261	644.127	0.6328	0.0006	119.642	0.0692	00	307953.089	30	307949.232
	58	548981.573	646.274	0.6348	0.0006	119.627	0.0692	00	307945.369	30	307941.499
	59	550823.886	648.421	0.6369	0.0006	119.612	0.0692	00	307937.623	30	307933.741
5	00	552666.200	650.568	0.6390	0.0006	119.597	0.0692	00	307929.852	30	307925.956

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
5	0	552666.200	650.568	0.6390	0.0006	119.597	0.0692	00	307929.852	30	307925.956
	1	554508.515	652.714	0.6410	0.0006	119.581	0.0691	00	307922.054	30	307918.146
	2	556350.831	654.861	0.6431	0.0006	119.566	0.0691	00	307914.231	30	307910.309
	3	558193.147	657.007	0.6452	0.0006	119.551	0.0691	00	307906.381	30	307902.447
	4	560035.465	659.153	0.6472	0.0006	119.535	0.0691	00	307898.506	30	307894.559
5	5	561877.783	661.298	0.6493	0.0006	119.520	0.0690	00	307890.605	30	307886.645
	6	563720.103	663.444	0.6514	0.0006	119.504	0.0690	00	307882.678	30	307878.705
	7	565562.423	665.589	0.6534	0.0006	119.488	0.0690	00	307874.725	30	307870.739
	8	567404.745	667.734	0.6555	0.0006	119.473	0.0690	00	307866.747	30	307862.748
	9	569247.067	669.878	0.6576	0.0006	119.457	0.0690	00	307858.742	30	307854.730
5	10	571089.390	672.023	0.6596	0.0006	119.441	0.0689	00	307850.712	30	307846.687
	11	572931.715	674.167	0.6617	0.0006	119.425	0.0689	00	307842.655	30	307838.617
	12	574774.040	676.311	0.6637	0.0006	119.410	0.0689	00	307834.573	30	307830.522
	13	576616.366	678.455	0.6658	0.0006	119.394	0.0689	00	307826.465	30	307822.401
	14	578458.693	680.599	0.6679	0.0006	119.378	0.0688	00	307818.331	30	307814.254
5	15	580301.022	682.742	0.6699	0.0006	119.362	0.0688	00	307810.171	30	307806.082
	16	582143.351	684.885	0.6720	0.0006	119.346	0.0688	00	307801.985	30	307797.883
	17	583985.681	687.028	0.6740	0.0006	119.330	0.0688	00	307793.774	30	307789.658
	18	585828.012	689.171	0.6761	0.0006	119.313	0.0687	00	307785.536	30	307781.408
	19	587670.344	691.313	0.6782	0.0006	119.297	0.0687	00	307777.273	30	307773.132
5	20	589512.677	693.455	0.6802	0.0007	119.281	0.0687	00	307768.984	30	307764.829
	21	591355.011	695.597	0.6823	0.0007	119.265	0.0687	00	307760.669	30	307756.501
	22	593197.346	697.739	0.6843	0.0007	119.248	0.0687	00	307752.328	30	307748.147
	23	595039.683	699.880	0.6864	0.0007	119.232	0.0686	00	307743.961	30	307739.768
	24	596882.020	702.022	0.6884	0.0007	119.215	0.0686	00	307735.568	30	307731.362
5	25	598724.358	704.163	0.6905	0.0007	119.199	0.0686	00	307727.149	30	307722.930
	26	600566.697	706.304	0.6925	0.0007	119.182	0.0686	00	307718.705	30	307714.473
	27	602409.037	708.444	0.6946	0.0007	119.166	0.0685	00	307710.235	30	307705.990
	28	604251.378	710.584	0.6966	0.0007	119.149	0.0685	00	307701.738	30	307697.481
	29	606093.720	712.724	0.6987	0.0007	119.132	0.0685	00	307693.216	30	307688.946
5	30	607936.064	714.864	0.7007	0.0007	119.116	0.0685	00	307684.668	30	307680.385
	31	609778.408	717.004	0.7028	0.0007	119.099	0.0684	00	307676.095	30	307671.798
	32	611620.753	719.143	0.7048	0.0007	119.082	0.0684	00	307667.495	30	307663.185
	33	613463.100	721.282	0.7069	0.0007	119.065	0.0684	00	307658.869	30	307654.547
	34	615305.447	723.421	0.7089	0.0007	119.048	0.0684	00	307650.218	30	307645.883
5	35	617147.795	725.560	0.7110	0.0007	119.031	0.0683	00	307641.541	30	307637.192
	36	618990.145	727.698	0.7130	0.0007	119.014	0.0683	00	307632.838	30	307628.476
	37	620832.495	729.836	0.7151	0.0007	118.997	0.0683	00	307624.109	30	307619.734
	38	622674.847	731.974	0.7171	0.0007	118.980	0.0683	00	307615.354	30	307610.967
	39	624517.199	734.112	0.7192	0.0007	118.962	0.0682	00	307606.573	30	307602.173
5	40	626359.553	736.249	0.7212	0.0007	118.945	0.0682	00	307597.766	30	307593.353
	41	628201.908	738.386	0.7233	0.0007	118.928	0.0682	00	307588.934	30	307584.508
	42	630044.263	740.523	0.7253	0.0007	118.911	0.0682	00	307580.076	30	307575.637
	43	631886.620	742.660	0.7273	0.0007	118.893	0.0681	00	307571.191	30	307566.740
	44	633728.978	744.796	0.7294	0.0007	118.876	0.0681	00	307562.281	30	307557.817
5	45	635571.337	746.932	0.7314	0.0007	118.858	0.0681	00	307553.346	30	307548.868
	46	637413.697	749.068	0.7335	0.0007	118.841	0.0681	00	307544.384	30	307539.893
	47	639256.058	751.204	0.7355	0.0007	118.823	0.0680	00	307535.396	30	307530.893
	48	641098.420	753.339	0.7375	0.0007	118.805	0.0680	00	307526.383	30	307521.866
	49	642940.783	755.474	0.7396	0.0007	118.788	0.0680	00	307517.343	30	307512.814
5	50	644783.148	757.609	0.7416	0.0007	118.770	0.0680	00	307508.278	30	307503.736
	51	646625.513	759.744	0.7436	0.0007	118.752	0.0679	00	307499.187	30	307494.632
	52	648467.880	761.878	0.7457	0.0007	118.734	0.0679	00	307490.070	30	307485.502
	53	650310.247	764.012	0.7477	0.0007	118.716	0.0679	00	307480.928	30	307476.347
	54	652152.616	766.146	0.7498	0.0007	118.698	0.0679	00	307471.759	30	307467.165
5	55	653994.986	768.280	0.7518	0.0007	118.680	0.0678	00	307462.565	30	307457.958
	56	655837.357	770.413	0.7538	0.0007	118.662	0.0678	00	307453.344	30	307448.725
	57	657679.729	772.546	0.7558	0.0007	118.644	0.0678	00	307444.098	30	307439.466
	58	659522.102	774.679	0.7579	0.0007	118.626	0.0678	00	307434.826	30	307430.181
	59	661364.476	776.812	0.7599	0.0007	118.608	0.0677	00	307425.529	30	307420.870
6	00	663206.851	778.944	0.7619	0.0007	118.590	0.0677	00	307416.205	30	307411.533

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'5)P**6 P=0.0001(LONGITUDE-MC)* E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
6	0	663206.851	778.944	0.7619	0.0007	118.590	0.0677	00	307416.205	30	307411.533
	1	665049.228	781.076	0.7640	0.0007	118.571	0.0677	00	307406.855	30	307402.171
	2	666891.606	783.208	0.7660	0.0007	118.553	0.0677	00	307397.480	30	307392.783
	3	668733.984	785.339	0.7680	0.0007	118.535	0.0676	00	307388.079	30	307383.369
	4	670576.364	787.470	0.7700	0.0007	118.516	0.0676	00	307378.652	30	307373.929
6	5	672418.745	789.601	0.7721	0.0007	118.498	0.0676	00	307369.199	30	307364.463
	6	674261.127	791.732	0.7741	0.0007	118.479	0.0676	00	307359.720	30	307354.971
	7	676103.510	793.863	0.7761	0.0007	118.461	0.0675	00	307350.216	30	307345.454
	8	677945.895	795.993	0.7781	0.0007	118.442	0.0675	00	307340.685	30	307335.910
	9	679788.280	798.123	0.7802	0.0007	118.423	0.0675	00	307331.129	30	307326.341
6	10	681630.667	800.252	0.7822	0.0007	118.405	0.0674	00	307321.547	30	307316.746
	11	683473.055	802.382	0.7842	0.0007	118.386	0.0674	00	307311.939	30	307307.125
	12	685315.444	804.511	0.7862	0.0007	118.367	0.0674	00	307302.305	30	307297.479
	13	687157.834	805.640	0.7883	0.0008	118.348	0.0674	00	307292.646	30	307287.806
	14	689000.225	808.768	0.7903	0.0008	118.329	0.0673	00	307282.960	30	307278.108
6	15	690842.618	810.896	0.7923	0.0008	118.310	0.0673	00	307273.249	30	307268.384
	16	692685.011	813.024	0.7943	0.0008	118.291	0.0673	00	307263.512	30	307258.634
	17	694527.406	815.152	0.7963	0.0008	118.272	0.0673	00	307253.749	30	307248.858
	18	696369.802	817.280	0.7983	0.0008	118.253	0.0672	00	307243.960	30	307239.056
	19	698212.199	819.407	0.8004	0.0008	118.234	0.0672	00	307234.146	30	307229.229
6	20	700054.598	821.534	0.8024	0.0008	118.215	0.0672	00	307224.305	30	307219.375
	21	701896.997	823.660	0.8044	0.0008	118.195	0.0671	00	307214.439	30	307209.496
	22	703739.398	825.787	0.8064	0.0008	118.176	0.0671	00	307204.547	30	307199.591
	23	705581.800	827.913	0.8084	0.0008	118.157	0.0671	00	307194.629	30	307189.660
	24	707424.203	830.039	0.8104	0.0008	118.137	0.0671	00	307184.685	30	307179.704
6	25	709266.607	832.164	0.8124	0.0008	118.118	0.0670	00	307174.716	30	307169.721
	26	711109.013	834.289	0.8144	0.0008	118.098	0.0670	00	307164.720	30	307159.713
	27	712951.419	836.414	0.8165	0.0008	118.079	0.0670	00	307154.699	30	307149.679
	28	714793.827	838.539	0.8185	0.0008	118.059	0.0670	00	307144.652	30	307139.619
	29	716636.236	840.663	0.8205	0.0008	118.039	0.0669	00	307134.579	30	307129.533
6	30	718478.646	842.787	0.8225	0.0008	118.020	0.0669	00	307124.480	30	307119.421
	31	720321.058	844.911	0.8245	0.0008	118.000	0.0669	00	307114.356	30	307109.284
	32	722163.470	847.035	0.8265	0.0008	117.980	0.0668	00	307104.206	30	307099.121
	33	724005.884	849.158	0.8285	0.0008	117.960	0.0668	00	307094.029	30	307088.932
	34	725848.299	851.281	0.8305	0.0008	117.940	0.0668	00	307083.827	30	307078.717
6	35	727690.716	853.404	0.8325	0.0008	117.920	0.0668	00	307073.600	30	307068.476
	36	729533.133	855.526	0.8345	0.0008	117.900	0.0667	00	307063.346	30	307058.210
	37	731375.552	857.648	0.8365	0.0008	117.880	0.0667	00	307053.067	30	307047.917
	38	733217.972	859.770	0.8385	0.0008	117.860	0.0667	00	307042.761	30	307037.599
	39	735060.394	861.892	0.8405	0.0008	117.840	0.0666	00	307032.430	30	307027.255
6	40	736902.816	864.013	0.8425	0.0008	117.820	0.0666	00	307022.073	30	307016.885
	41	738745.240	866.134	0.8445	0.0008	117.800	0.0666	00	307011.691	30	307006.490
	42	740587.665	868.254	0.8465	0.0008	117.779	0.0666	00	307001.282	30	306996.068
	43	742430.091	870.375	0.8485	0.0008	117.759	0.0665	00	306990.848	30	306985.621
	44	744272.518	872.495	0.8505	0.0008	117.739	0.0665	00	306980.388	30	306975.148
6	45	746114.947	874.615	0.8525	0.0008	117.718	0.0665	00	306969.902	30	306964.649
	46	747957.377	876.734	0.8545	0.0008	117.698	0.0664	00	306959.390	30	306954.124
	47	749799.808	878.853	0.8565	0.0008	117.677	0.0664	00	306948.852	30	306943.574
	48	751642.241	880.972	0.8585	0.0008	117.657	0.0664	00	306938.289	30	306932.998
	49	753484.675	883.091	0.8605	0.0008	117.636	0.0663	00	306927.700	30	306922.396
6	50	755327.110	885.209	0.8625	0.0008	117.615	0.0663	00	306917.085	30	306911.768
	51	757169.546	887.327	0.8644	0.0008	117.595	0.0663	00	306906.444	30	306901.114
	52	759011.984	889.445	0.8664	0.0008	117.574	0.0663	00	306895.778	30	306890.435
	53	760854.423	891.562	0.8684	0.0008	117.553	0.0662	00	306885.085	30	306879.729
	54	762696.863	893.679	0.8704	0.0008	117.532	0.0662	00	306874.367	30	306868.998
6	55	764539.304	895.796	0.8724	0.0008	117.511	0.0662	00	306863.623	30	306858.241
	56	766381.747	897.913	0.8744	0.0008	117.490	0.0661	00	306852.853	30	306847.459
	57	768224.191	900.029	0.8764	0.0008	117.469	0.0661	00	306842.057	30	306836.650
	58	770066.636	902.145	0.8784	0.0008	117.448	0.0661	00	306831.236	30	306825.816
	59	771909.083	904.260	0.8803	0.0008	117.427	0.0661	00	306820.389	30	306814.956
7	00	773751.531	906.376	0.8823	0.0008	117.406	0.0660	00	306809.516	30	306804.070

TABELAS PARA CALCULOS NO SISTEMA DE PROJECXO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'5)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
7	0	773751.531	906.376	0.8823	0.0008	117.406	0.0660	00	306809.516	30	306804.070
	1	775593.980	908.490	0.8843	0.0008	117.385	0.0660	00	306798.617	30	306793.158
	2	777436.431	910.605	0.8863	0.0008	117.363	0.0660	00	306787.692	30	306782.220
	3	779278.882	912.720	0.8883	0.0008	117.342	0.0659	00	306776.742	30	306771.257
	4	781121.335	914.834	0.8902	0.0008	117.321	0.0659	00	306765.766	30	306760.268
7	5	782963.790	916.947	0.8922	0.0008	117.299	0.0659	00	306754.764	30	306749.253
	6	784806.246	919.061	0.8942	0.0008	117.278	0.0658	00	306743.736	30	306738.213
	7	786648.703	921.174	0.8962	0.0008	117.256	0.0658	00	306732.682	30	306727.146
	8	788491.161	923.287	0.8982	0.0008	117.235	0.0658	00	306721.603	30	306716.054
	9	790333.621	925.399	0.9001	0.0009	117.213	0.0657	00	306710.498	30	306704.936
7	10	792176.082	927.511	0.9021	0.0009	117.191	0.0657	00	306699.367	30	306693.792
	11	794018.544	929.623	0.9041	0.0009	117.170	0.0657	00	306688.210	30	306682.622
	12	795861.008	931.735	0.9061	0.0009	117.148	0.0657	00	306677.028	30	306671.427
	13	797703.473	933.846	0.9080	0.0009	117.126	0.0656	00	306665.819	30	306660.206
	14	799545.940	935.957	0.9100	0.0009	117.104	0.0656	00	306654.585	30	306648.959
7	15	801388.407	938.068	0.9120	0.0009	117.082	0.0656	00	306643.325	30	306637.686
	16	803230.876	940.178	0.9139	0.0009	117.060	0.0655	00	306632.040	30	306626.387
	17	805073.347	942.288	0.9159	0.0009	117.038	0.0655	00	306620.728	30	306615.063
	18	806915.819	944.398	0.9179	0.0009	117.016	0.0655	00	306609.391	30	306603.713
	19	808758.292	946.507	0.9198	0.0009	116.994	0.0654	00	306598.028	30	306592.337
7	20	810600.766	948.616	0.9218	0.0009	116.972	0.0654	00	306586.639	30	306580.935
	21	812443.242	950.725	0.9238	0.0009	116.950	0.0654	00	306575.225	30	306569.508
	22	814285.720	952.833	0.9257	0.0009	116.928	0.0653	00	306563.784	30	306558.055
	23	816128.198	954.941	0.9277	0.0009	116.905	0.0653	00	306552.318	30	306546.576
	24	817970.678	957.049	0.9297	0.0009	116.883	0.0653	00	306540.826	30	306535.071
7	25	819813.160	959.157	0.9316	0.0009	116.861	0.0652	00	306529.309	30	306523.540
	26	821655.642	961.264	0.9336	0.0009	116.838	0.0652	00	306517.765	30	306511.984
	27	823498.126	963.370	0.9355	0.0009	116.816	0.0652	00	306506.196	30	306500.402
	28	825340.612	965.477	0.9375	0.0009	116.793	0.0652	00	306494.601	30	306488.794
	29	827183.099	967.583	0.9395	0.0009	116.771	0.0651	00	306482.980	30	306477.160
7	30	829025.587	969.689	0.9414	0.0009	116.748	0.0651	00	306471.334	30	306465.501
	31	830868.077	971.794	0.9434	0.0009	116.726	0.0651	00	306459.661	30	306453.816
	32	832710.568	973.899	0.9453	0.0009	116.703	0.0650	00	306447.963	30	306442.105
	33	834553.060	976.004	0.9473	0.0009	116.680	0.0650	00	306436.239	30	306430.368
	34	836395.554	978.109	0.9492	0.0009	116.657	0.0650	00	306424.490	30	306418.605
7	35	838238.050	980.213	0.9512	0.0009	116.634	0.0649	00	306412.714	30	306406.817
	36	840080.546	982.317	0.9531	0.0009	116.611	0.0649	00	306400.913	30	306395.003
	37	841923.044	984.420	0.9551	0.0009	116.589	0.0649	00	306389.086	30	306383.163
	38	843765.544	986.524	0.9570	0.0009	116.566	0.0648	00	306377.234	30	306371.298
	39	845608.045	988.626	0.9590	0.0009	116.543	0.0648	00	306365.355	30	306359.406
7	40	847450.547	990.729	0.9609	0.0009	116.519	0.0648	00	306353.451	30	306347.489
	41	849293.051	992.831	0.9629	0.0009	116.496	0.0647	00	306341.521	30	306335.546
	42	851135.556	994.933	0.9648	0.0009	116.473	0.0647	00	306329.565	30	306323.578
	43	852978.063	997.034	0.9668	0.0009	116.450	0.0647	00	306317.584	30	306311.583
	44	854820.571	999.136	0.9687	0.0009	116.427	0.0646	00	306305.577	30	306299.563
7	45	856663.080	1001.236	0.9707	0.0009	116.403	0.0646	00	306293.544	30	306287.517
	46	858505.591	1003.337	0.9726	0.0009	116.380	0.0646	00	306281.485	30	306275.446
	47	860348.104	1005.437	0.9745	0.0009	116.356	0.0645	00	306269.400	30	306263.348
	48	862190.618	1007.537	0.9765	0.0009	116.333	0.0645	00	306257.290	30	306251.225
	49	864033.133	1009.636	0.9784	0.0009	116.309	0.0645	00	306245.154	30	306239.076
7	50	865875.650	1011.736	0.9804	0.0009	116.286	0.0644	00	306232.992	30	306226.902
	51	867718.168	1013.834	0.9823	0.0009	116.262	0.0644	00	306220.805	30	306214.701
	52	869560.687	1015.933	0.9842	0.0009	116.239	0.0644	00	306208.591	30	306202.475
	53	871403.209	1018.031	0.9862	0.0009	116.215	0.0643	00	306196.352	30	306190.223
	54	873245.731	1020.129	0.9881	0.0009	116.191	0.0643	00	306184.088	30	306177.946
7	55	875088.255	1022.226	0.9901	0.0009	116.167	0.0643	00	306171.797	30	306165.642
	56	876930.781	1024.323	0.9920	0.0009	116.143	0.0642	00	306159.481	30	306153.313
	57	878773.308	1026.420	0.9939	0.0009	116.120	0.0642	00	306147.139	30	306140.958
	58	880615.836	1028.516	0.9958	0.0009	116.096	0.0642	00	306134.771	30	306128.577
	59	882458.366	1030.613	0.9978	0.0009	116.072	0.0641	00	306122.377	30	306116.171
8	00	884300.897	1032.708	0.9997	0.0009	116.048	0.0641	00	306109.958	30	306103.739

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
8	0	884300.897	1032.708	0.9997	0.0009	116.048	0.0641	00	306109.958	30	306103.739
	1	886143.430	1034.804	1.0016	0.0009	116.023	0.0641	00	306097.513	30	306091.281
	2	887985.965	1036.899	1.0036	0.0009	115.999	0.0640	00	306085.042	30	306078.797
	3	889828.500	1038.993	1.0055	0.0009	115.975	0.0640	00	306072.546	30	306066.288
	4	891671.038	1041.088	1.0074	0.0009	115.951	0.0640	00	306060.024	30	306053.753
8	5	893513.577	1043.182	1.0093	0.0009	115.927	0.0639	00	306047.476	30	306041.192
	6	895356.117	1045.275	1.0113	0.0009	115.902	0.0639	00	306034.902	30	306028.606
	7	897198.659	1047.368	1.0132	0.0010	115.878	0.0639	00	306022.303	30	306015.993
	8	899041.202	1049.461	1.0151	0.0010	115.853	0.0638	00	306009.678	30	306003.355
	9	900883.747	1051.554	1.0170	0.0010	115.829	0.0638	00	305997.027	30	305990.692
8	10	902726.293	1053.646	1.0190	0.0010	115.804	0.0638	00	305984.350	30	305978.002
	11	904568.841	1055.738	1.0209	0.0010	115.780	0.0637	00	305971.648	30	305965.287
	12	906411.391	1057.829	1.0228	0.0010	115.755	0.0637	00	305958.920	30	305952.546
	13	908253.942	1059.921	1.0247	0.0010	115.731	0.0637	00	305946.166	30	305939.779
	14	910096.494	1062.011	1.0266	0.0010	115.706	0.0636	00	305933.386	30	305926.987
8	15	911939.048	1064.102	1.0285	0.0010	115.681	0.0636	00	305920.581	30	305914.169
	16	913781.604	1066.192	1.0305	0.0010	115.656	0.0635	00	305907.750	30	305901.325
	17	915624.161	1068.281	1.0324	0.0010	115.631	0.0635	00	305894.893	30	305888.455
	18	917466.719	1070.371	1.0343	0.0010	115.607	0.0635	00	305882.011	30	305875.560
	19	919309.279	1072.460	1.0362	0.0010	115.582	0.0634	00	305869.103	30	305862.639
8	20	921151.841	1074.548	1.0381	0.0010	115.557	0.0634	00	305856.169	30	305849.692
	21	922994.404	1076.637	1.0400	0.0010	115.532	0.0634	00	305843.209	30	305836.720
	22	924836.969	1078.725	1.0419	0.0010	115.507	0.0633	00	305830.224	30	305823.722
	23	926679.535	1080.812	1.0438	0.0010	115.481	0.0633	00	305817.213	30	305810.698
	24	928522.103	1082.899	1.0457	0.0010	115.456	0.0633	00	305804.176	30	305797.648
8	25	930364.672	1084.986	1.0476	0.0010	115.431	0.0632	00	305791.113	30	305784.573
	26	932207.243	1087.072	1.0495	0.0010	115.406	0.0632	00	305778.025	30	305771.472
	27	934049.816	1089.159	1.0515	0.0010	115.380	0.0632	00	305764.911	30	305758.345
	28	935892.390	1091.244	1.0534	0.0010	115.355	0.0631	00	305751.772	30	305745.192
	29	937734.966	1093.330	1.0553	0.0010	115.330	0.0631	00	305738.606	30	305732.014
8	30	939577.543	1095.415	1.0572	0.0010	115.304	0.0631	00	305725.415	30	305718.810
	31	941420.122	1097.499	1.0591	0.0010	115.279	0.0630	00	305712.199	30	305705.581
	32	943262.702	1099.583	1.0610	0.0010	115.253	0.0630	00	305698.956	30	305692.325
	33	945105.284	1101.667	1.0629	0.0010	115.227	0.0629	00	305685.688	30	305679.044
	34	946947.867	1103.751	1.0648	0.0010	115.202	0.0629	00	305672.394	30	305665.737
8	35	948790.453	1105.834	1.0666	0.0010	115.176	0.0629	00	305659.074	30	305652.405
	36	950633.039	1107.917	1.0685	0.0010	115.150	0.0628	00	305645.729	30	305639.047
	37	952475.628	1109.999	1.0704	0.0010	115.125	0.0628	00	305632.358	30	305625.663
	38	954318.217	1112.081	1.0723	0.0010	115.099	0.0628	00	305618.961	30	305612.253
	39	956160.809	1114.163	1.0742	0.0010	115.073	0.0627	00	305605.539	30	305598.818
8	40	958003.402	1116.244	1.0761	0.0010	115.047	0.0627	00	305592.091	30	305585.357
	41	959845.997	1118.325	1.0780	0.0010	115.021	0.0627	00	305578.617	30	305571.870
	42	961688.593	1120.405	1.0799	0.0010	114.995	0.0626	00	305565.117	30	305558.358
	43	963531.191	1122.485	1.0818	0.0010	114.969	0.0626	00	305551.592	30	305544.820
	44	965373.790	1124.565	1.0837	0.0010	114.943	0.0625	00	305538.041	30	305531.256
8	45	967216.392	1126.644	1.0856	0.0010	114.917	0.0625	00	305524.465	30	305517.667
	46	969058.994	1128.723	1.0874	0.0010	114.890	0.0625	00	305510.862	30	305504.052
	47	970901.599	1130.802	1.0893	0.0010	114.864	0.0624	00	305497.234	30	305490.411
	48	972744.205	1132.880	1.0912	0.0010	114.838	0.0624	00	305483.581	30	305476.744
	49	974586.812	1134.958	1.0931	0.0010	114.811	0.0624	00	305469.901	30	305463.052
8	50	976429.422	1137.035	1.0950	0.0010	114.785	0.0623	00	305456.196	30	305449.334
	51	978272.033	1139.113	1.0968	0.0010	114.759	0.0623	00	305442.465	30	305435.590
	52	980114.645	1141.189	1.0987	0.0010	114.732	0.0623	00	305428.709	30	305421.821
	53	981957.259	1143.265	1.1006	0.0010	114.706	0.0622	00	305414.927	30	305408.026
	54	983799.875	1145.341	1.1025	0.0010	114.679	0.0622	00	305401.119	30	305394.205
8	55	985642.493	1147.417	1.1044	0.0010	114.652	0.0621	00	305387.285	30	305380.359
	56	987485.112	1149.492	1.1062	0.0010	114.626	0.0621	00	305373.426	30	305366.487
	57	989327.732	1151.567	1.1081	0.0010	114.599	0.0621	00	305359.541	30	305352.589
	58	991170.355	1153.641	1.1100	0.0010	114.572	0.0620	00	305345.631	30	305338.666
	59	993012.979	1155.715	1.1118	0.0010	114.545	0.0620	00	305331.694	30	305324.717
9	00	994855.605	1157.789	1.1137	0.0010	114.519	0.0620	00	305317.733	30	305310.742

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
9	0	994855.605	1157.789	1.1137	0.0010	114.519	0.0620	00	305317.733	30	305310.742
	1	996698.232	1159.862	1.1156	0.0010	114.492	0.0619	00	305303.745	30	305296.742
	2	998540.861	1161.935	1.1175	0.0010	114.465	0.0619	00	305289.732	30	305282.715
	3	1000383.492	1164.007	1.1193	0.0010	114.438	0.0618	00	305275.693	30	305268.664
	4	1002226.124	1166.079	1.1212	0.0010	114.411	0.0618	00	305261.628	30	305254.586
9	5	1004068.758	1168.151	1.1230	0.0010	114.384	0.0618	00	305247.538	30	305240.483
	6	1005911.394	1170.222	1.1249	0.0010	114.356	0.0617	00	305233.422	30	305226.354
	7	1007754.032	1172.293	1.1268	0.0010	114.329	0.0617	00	305219.280	30	305212.200
	8	1009596.671	1174.363	1.1286	0.0010	114.302	0.0617	00	305205.113	30	305198.020
	9	1011439.311	1176.433	1.1305	0.0010	114.275	0.0616	00	305190.920	30	305183.814
9	10	1013281.954	1178.503	1.1324	0.0011	114.247	0.0616	00	305176.701	30	305169.582
	11	1015124.598	1180.572	1.1342	0.0011	114.220	0.0615	00	305162.457	30	305155.325
	12	1016967.244	1182.641	1.1361	0.0011	114.193	0.0615	00	305148.187	30	305141.042
	13	1018809.892	1184.710	1.1379	0.0011	114.165	0.0615	00	305133.891	30	305126.734
	14	1020652.541	1186.778	1.1398	0.0011	114.138	0.0614	00	305119.570	30	305112.400
9	15	1022495.192	1188.845	1.1416	0.0011	114.110	0.0614	00	305105.223	30	305098.040
	16	1024337.845	1190.913	1.1435	0.0011	114.082	0.0613	00	305090.850	30	305083.654
	17	1026180.499	1192.980	1.1453	0.0011	114.055	0.0613	00	305076.452	30	305069.243
	18	1028023.155	1195.046	1.1472	0.0011	114.027	0.0613	00	305062.028	30	305054.806
	19	1029865.813	1197.112	1.1490	0.0011	113.999	0.0612	00	305047.578	30	305040.344
9	20	1031708.473	1199.178	1.1509	0.0011	113.972	0.0612	00	305033.103	30	305025.856
	21	1033551.134	1201.243	1.1527	0.0011	113.944	0.0612	00	305018.602	30	305011.342
	22	1035393.797	1203.308	1.1546	0.0011	113.916	0.0611	00	305004.075	30	304996.802
	23	1037236.462	1205.372	1.1564	0.0011	113.888	0.0611	00	304989.523	30	304982.237
	24	1039079.128	1207.436	1.1583	0.0011	113.860	0.0610	00	304974.945	30	304967.647
9	25	1040921.796	1209.500	1.1601	0.0011	113.832	0.0610	00	304960.342	30	304953.030
	26	1042764.466	1211.563	1.1620	0.0011	113.804	0.0610	00	304945.712	30	304938.388
	27	1044607.138	1213.626	1.1638	0.0011	113.776	0.0609	00	304931.058	30	304923.721
	28	1046449.812	1215.688	1.1656	0.0011	113.748	0.0609	00	304916.377	30	304909.027
	29	1048292.487	1217.750	1.1675	0.0011	113.719	0.0608	00	304901.671	30	304894.308
9	30	1050135.164	1219.812	1.1693	0.0011	113.691	0.0608	00	304886.939	30	304879.564
	31	1051977.842	1221.873	1.1712	0.0011	113.663	0.0608	00	304872.182	30	304864.793
	32	1053820.523	1223.934	1.1730	0.0011	113.635	0.0607	00	304857.399	30	304849.998
	33	1055663.205	1225.994	1.1748	0.0011	113.606	0.0607	00	304842.590	30	304835.176
	34	1057505.889	1228.054	1.1767	0.0011	113.578	0.0606	00	304827.756	30	304820.329
9	35	1059348.575	1230.114	1.1785	0.0011	113.549	0.0606	00	304812.896	30	304805.456
	36	1061191.262	1232.173	1.1803	0.0011	113.521	0.0606	00	304798.010	30	304790.558
	37	1063033.951	1234.232	1.1822	0.0011	113.492	0.0605	00	304783.099	30	304775.633
	38	1064876.643	1236.290	1.1840	0.0011	113.464	0.0605	00	304768.162	30	304760.684
	39	1066719.335	1238.348	1.1858	0.0011	113.435	0.0604	00	304753.199	30	304745.708
9	40	1068562.030	1240.405	1.1876	0.0011	113.406	0.0604	00	304738.211	30	304730.707
	41	1070404.726	1242.462	1.1895	0.0011	113.377	0.0604	00	304723.197	30	304715.681
	42	1072247.424	1244.519	1.1913	0.0011	113.349	0.0603	00	304708.158	30	304700.628
	43	1074090.124	1246.575	1.1931	0.0011	113.320	0.0603	00	304693.093	30	304685.551
	44	1075932.826	1248.631	1.1949	0.0011	113.291	0.0602	00	304678.002	30	304670.447
9	45	1077775.530	1250.686	1.1968	0.0011	113.262	0.0602	00	304662.886	30	304655.318
	46	1079618.235	1252.741	1.1986	0.0011	113.233	0.0602	00	304647.744	30	304640.163
	47	1081460.942	1254.796	1.2004	0.0011	113.204	0.0601	00	304632.576	30	304624.983
	48	1083303.651	1256.850	1.2022	0.0011	113.175	0.0601	00	304617.383	30	304609.777
	49	1085146.362	1258.903	1.2040	0.0011	113.146	0.0600	00	304602.164	30	304594.545
9	50	1086989.074	1260.957	1.2059	0.0011	113.117	0.0600	00	304586.920	30	304579.288
	51	1088831.789	1263.009	1.2077	0.0011	113.087	0.0600	00	304571.649	30	304564.005
	52	1090674.505	1265.062	1.2095	0.0011	113.058	0.0599	00	304556.354	30	304548.696
	53	1092517.223	1267.114	1.2113	0.0011	113.029	0.0599	00	304541.032	30	304533.362
	54	1094359.943	1269.165	1.2131	0.0011	113.000	0.0598	00	304525.686	30	304518.002
9	55	1096202.664	1271.216	1.2149	0.0011	112.970	0.0598	00	304510.313	30	304502.617
	56	1098045.388	1273.267	1.2167	0.0011	112.941	0.0598	00	304494.915	30	304487.206
	57	1099888.113	1275.317	1.2185	0.0011	112.911	0.0597	00	304479.491	30	304471.770
	58	1101730.840	1277.367	1.2203	0.0011	112.882	0.0597	00	304464.042	30	304456.307
	59	1103573.569	1279.417	1.2222	0.0011	112.852	0.0596	00	304448.567	30	304440.820
10	00	1105416.300	1281.466	1.2240	0.0011	112.823	0.0596	00	304433.066	30	304425.306

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
10	0	1105416.300	1281.466	1.2240	0.0011	112.823	0.0596	00	304433.066	30	304425.306
	1	1107259.033	1283.514	1.2258	0.0011	112.793	0.0596	00	304417.540	30	304409.767
	2	1109101.767	1285.562	1.2276	0.0011	112.763	0.0595	00	304401.988	30	304394.203
	3	1110944.504	1287.610	1.2294	0.0011	112.733	0.0595	00	304386.411	30	304378.612
	4	1112787.242	1289.657	1.2312	0.0011	112.704	0.0594	00	304370.808	30	304362.997
10	5	1114629.982	1291.704	1.2330	0.0011	112.674	0.0594	00	304355.179	30	304347.355
	6	1116472.724	1293.750	1.2348	0.0011	112.644	0.0594	00	304339.525	30	304331.688
	7	1118315.467	1295.796	1.2366	0.0011	112.614	0.0593	00	304323.845	30	304315.995
	8	1120158.213	1297.842	1.2384	0.0011	112.584	0.0593	00	304308.139	30	304300.277
	9	1122000.961	1299.887	1.2401	0.0011	112.554	0.0592	00	304292.408	30	304284.533
10	10	1123843.710	1301.931	1.2419	0.0011	112.524	0.0592	00	304276.652	30	304268.764
	11	1125686.461	1303.975	1.2437	0.0011	112.494	0.0591	00	304260.870	30	304252.969
	12	1127529.214	1306.019	1.2455	0.0011	112.464	0.0591	00	304245.062	30	304237.148
	13	1129371.969	1308.062	1.2473	0.0011	112.434	0.0591	00	304229.228	30	304221.302
	14	1131214.726	1310.105	1.2491	0.0011	112.403	0.0590	00	304213.369	30	304205.430
10	15	1133057.485	1312.148	1.2509	0.0011	112.373	0.0590	00	304197.485	30	304189.533
	16	1134900.245	1314.190	1.2527	0.0011	112.343	0.0589	00	304181.575	30	304173.610
	17	1136743.008	1316.231	1.2545	0.0012	112.312	0.0589	00	304165.639	30	304157.661
	18	1138585.772	1318.272	1.2562	0.0012	112.282	0.0589	00	304149.677	30	304141.687
	19	1140428.539	1320.313	1.2580	0.0012	112.251	0.0588	00	304133.691	30	304125.687
10	20	1142271.307	1322.353	1.2598	0.0012	112.221	0.0588	00	304117.678	30	304109.662
	21	1144114.077	1324.393	1.2616	0.0012	112.190	0.0587	00	304101.640	30	304093.611
	22	1145956.849	1326.432	1.2634	0.0012	112.160	0.0587	00	304085.576	30	304077.535
	23	1147799.623	1328.471	1.2651	0.0012	112.129	0.0586	00	304069.487	30	304061.433
	24	1149642.399	1330.509	1.2669	0.0012	112.098	0.0586	00	304053.372	30	304045.305
10	25	1151485.176	1332.547	1.2687	0.0012	112.068	0.0586	00	304037.232	30	304029.152
	26	1153327.956	1334.585	1.2705	0.0012	112.037	0.0585	00	304021.066	30	304012.973
	27	1155170.737	1336.622	1.2722	0.0012	112.006	0.0585	00	304004.874	30	303996.769
	28	1157013.521	1338.659	1.2740	0.0012	111.975	0.0584	00	303988.657	30	303980.539
	29	1158856.306	1340.695	1.2758	0.0012	111.944	0.0584	00	303972.414	30	303964.283
10	30	1160699.094	1342.730	1.2776	0.0012	111.913	0.0583	00	303956.146	30	303948.002
	31	1162541.883	1344.766	1.2793	0.0012	111.882	0.0583	00	303939.852	30	303931.695
	32	1164384.674	1346.801	1.2811	0.0012	111.851	0.0583	00	303923.533	30	303915.363
	33	1166227.467	1348.835	1.2829	0.0012	111.820	0.0582	00	303907.188	30	303899.005
	34	1168070.262	1350.869	1.2846	0.0012	111.789	0.0582	00	303890.817	30	303882.622
10	35	1169913.059	1352.902	1.2864	0.0012	111.758	0.0581	00	303874.421	30	303866.213
	36	1171755.858	1354.935	1.2881	0.0012	111.727	0.0581	00	303857.999	30	303849.779
	37	1173598.659	1356.968	1.2899	0.0012	111.695	0.0581	00	303841.552	30	303833.319
	38	1175441.462	1359.000	1.2917	0.0012	111.664	0.0580	00	303825.079	30	303816.833
	39	1177284.267	1361.031	1.2934	0.0012	111.633	0.0580	00	303808.581	30	303800.322
10	40	1179127.074	1363.063	1.2952	0.0012	111.601	0.0579	00	303792.057	30	303783.785
	41	1180969.882	1365.093	1.2969	0.0012	111.570	0.0579	00	303775.507	30	303767.223
	42	1182812.693	1367.124	1.2987	0.0012	111.538	0.0578	00	303758.932	30	303750.635
	43	1184655.506	1369.153	1.3004	0.0012	111.507	0.0578	00	303742.332	30	303734.022
	44	1186498.320	1371.183	1.3022	0.0012	111.475	0.0577	00	303725.705	30	303717.383
10	45	1188341.137	1373.211	1.3040	0.0012	111.444	0.0577	00	303709.054	30	303700.718
	46	1190183.955	1375.240	1.3057	0.0012	111.412	0.0577	00	303692.376	30	303684.028
	47	1192026.776	1377.268	1.3075	0.0012	111.380	0.0576	00	303675.674	30	303667.313
	48	1193869.598	1379.295	1.3092	0.0012	111.348	0.0576	00	303658.945	30	303650.571
	49	1195712.423	1381.322	1.3109	0.0012	111.317	0.0575	00	303642.191	30	303633.805
10	50	1197555.249	1383.349	1.3127	0.0012	111.285	0.0575	00	303625.412	30	303617.013
	51	1199398.078	1385.375	1.3144	0.0012	111.253	0.0574	00	303608.607	30	303600.195
	52	1201240.908	1387.400	1.3162	0.0012	111.221	0.0574	00	303591.776	30	303583.351
	53	1203083.741	1389.426	1.3179	0.0012	111.189	0.0574	00	303574.920	30	303566.483
	54	1204926.575	1391.450	1.3197	0.0012	111.157	0.0573	00	303558.039	30	303549.588
10	55	1206769.411	1393.474	1.3214	0.0012	111.125	0.0573	00	303541.131	30	303532.668
	56	1208612.250	1395.498	1.3231	0.0012	111.093	0.0572	00	303524.199	30	303515.723
	57	1210455.090	1397.521	1.3249	0.0012	111.061	0.0572	00	303507.241	30	303498.752
	58	1212297.933	1399.544	1.3266	0.0012	111.028	0.0571	00	303490.257	30	303481.755
	59	1214140.777	1401.566	1.3283	0.0012	110.996	0.0571	00	303473.247	30	303464.733
11	00	1215983.624	1403.588	1.3301	0.0012	110.964	0.0571	00	303456.213	30	303447.686

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)* E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
11	0	1215983.624	1403.588	1.3301	0.0012	110.964	0.0571	00	303456.213	30	303447.686
	1	1217826.472	1405.610	1.3318	0.0012	110.932	0.0570	00	303439.152	30	303430.613
	2	1219669.323	1407.631	1.3335	0.0012	110.899	0.0570	00	303422.066	30	303413.514
	3	1221512.175	1409.651	1.3353	0.0012	110.867	0.0569	00	303404.955	30	303396.390
	4	1223355.030	1411.671	1.3370	0.0012	110.834	0.0569	00	303387.818	30	303379.240
11	5	1225197.886	1413.690	1.3387	0.0012	110.802	0.0568	00	303370.656	30	303362.065
	6	1227040.745	1415.709	1.3405	0.0012	110.769	0.0568	00	303353.468	30	303344.864
	7	1228883.606	1417.728	1.3422	0.0012	110.737	0.0567	00	303336.254	30	303327.638
	8	1230726.468	1419.746	1.3439	0.0012	110.704	0.0567	00	303319.015	30	303310.386
	9	1232569.333	1421.764	1.3456	0.0012	110.671	0.0567	00	303301.751	30	303293.109
11	10	1234412.200	1423.781	1.3473	0.0012	110.639	0.0566	00	303284.460	30	303275.806
	11	1236255.069	1425.797	1.3491	0.0012	110.606	0.0566	00	303267.145	30	303258.477
	12	1238097.940	1427.813	1.3508	0.0012	110.573	0.0565	00	303249.804	30	303241.124
	13	1239940.813	1429.829	1.3525	0.0012	110.540	0.0565	00	303232.437	30	303223.744
	14	1241783.688	1431.844	1.3542	0.0012	110.507	0.0564	00	303215.045	30	303206.339
11	15	1243626.565	1433.859	1.3559	0.0012	110.474	0.0564	00	303197.627	30	303188.909
	16	1245469.444	1435.873	1.3576	0.0012	110.441	0.0563	00	303180.184	30	303171.453
	17	1247312.325	1437.887	1.3593	0.0012	110.408	0.0563	00	303162.716	30	303153.972
	18	1249155.208	1439.900	1.3611	0.0012	110.375	0.0562	00	303145.221	30	303136.465
	19	1250998.093	1441.913	1.3628	0.0012	110.342	0.0562	00	303127.702	30	303118.932
11	20	1252840.981	1443.925	1.3645	0.0012	110.309	0.0562	00	303110.157	30	303101.374
	21	1254683.870	1445.937	1.3662	0.0012	110.276	0.0561	00	303092.586	30	303083.791
	22	1256526.762	1447.948	1.3679	0.0012	110.242	0.0561	00	303074.990	30	303066.182
	23	1258369.655	1449.959	1.3696	0.0012	110.209	0.0560	00	303057.368	30	303048.548
	24	1260212.551	1451.969	1.3713	0.0012	110.176	0.0560	00	303039.721	30	303030.888
11	25	1262055.449	1453.979	1.3730	0.0012	110.142	0.0559	00	303022.048	30	303013.202
	26	1263898.349	1455.988	1.3747	0.0012	110.109	0.0559	00	303004.350	30	302995.491
	27	1265741.251	1457.997	1.3764	0.0012	110.076	0.0558	00	302986.626	30	302977.755
	28	1267584.155	1460.005	1.3781	0.0012	110.042	0.0558	00	302968.877	30	302959.993
	29	1269427.061	1462.013	1.3798	0.0012	110.009	0.0558	00	302951.103	30	302942.206
11	30	1271269.969	1464.021	1.3815	0.0012	109.975	0.0557	00	302933.302	30	302924.393
	31	1273112.879	1466.028	1.3832	0.0012	109.941	0.0557	00	302915.477	30	302906.554
	32	1274955.792	1468.034	1.3849	0.0013	109.908	0.0556	00	302897.626	30	302888.691
	33	1276798.706	1470.040	1.3866	0.0013	109.874	0.0556	00	302879.749	30	302870.801
	34	1278641.623	1472.045	1.3883	0.0013	109.840	0.0555	00	302861.847	30	302852.886
11	35	1280484.542	1474.050	1.3899	0.0013	109.806	0.0555	00	302843.919	30	302834.946
	36	1282327.463	1476.054	1.3916	0.0013	109.772	0.0554	00	302825.966	30	302816.980
	37	1284170.386	1478.058	1.3933	0.0013	109.739	0.0554	00	302807.988	30	302798.989
	38	1286013.311	1480.062	1.3950	0.0013	109.705	0.0553	00	302789.984	30	302780.972
	39	1287856.238	1482.065	1.3967	0.0013	109.671	0.0553	00	302771.954	30	302762.930
11	40	1289699.168	1484.067	1.3984	0.0013	109.637	0.0552	00	302753.899	30	302744.862
	41	1291542.099	1486.069	1.4001	0.0013	109.603	0.0552	00	302735.819	30	302726.769
	42	1293385.033	1488.070	1.4017	0.0013	109.568	0.0552	00	302717.713	30	302708.651
	43	1295227.969	1490.071	1.4034	0.0013	109.534	0.0551	00	302699.582	30	302690.506
	44	1297070.907	1492.072	1.4051	0.0013	109.500	0.0551	00	302681.425	30	302672.337
11	45	1298913.847	1494.071	1.4068	0.0013	109.466	0.0550	00	302663.243	30	302654.142
	46	1300756.789	1496.071	1.4084	0.0013	109.432	0.0550	00	302645.035	30	302635.921
	47	1302599.734	1498.070	1.4101	0.0013	109.397	0.0549	00	302626.802	30	302617.675
	48	1304442.680	1500.068	1.4118	0.0013	109.363	0.0549	00	302608.543	30	302599.404
	49	1306285.629	1502.066	1.4135	0.0013	109.928	0.0548	00	302590.259	30	302581.107
11	50	1308128.580	1504.063	1.4151	0.0013	109.294	0.0548	00	302571.949	30	302562.785
	51	1309971.533	1506.060	1.4168	0.0013	109.259	0.0547	00	302553.614	30	302544.437
	52	1311814.488	1508.057	1.4185	0.0013	109.225	0.0547	00	302535.253	30	302526.064
	53	1313657.445	1510.052	1.4201	0.0013	109.190	0.0546	00	302516.867	30	302507.665
	54	1315500.405	1512.048	1.4218	0.0013	109.156	0.0546	00	302498.456	30	302489.241
11	55	1317343.367	1514.043	1.4234	0.0013	109.121	0.0546	00	302480.019	30	302470.791
	56	1319186.331	1516.037	1.4251	0.0013	109.086	0.0545	00	302461.557	30	302452.316
	57	1321029.297	1518.031	1.4268	0.0013	109.052	0.0545	00	302443.069	30	302433.815
	58	1322872.265	1520.024	1.4284	0.0013	109.017	0.0544	00	302424.556	30	302415.289
	59	1324715.235	1522.017	1.4301	0.0013	108.982	0.0544	00	302406.017	30	302396.738
12	00	1326558.208	1524.009	1.4317	0.0013	108.947	0.0543	00	302387.453	30	302378.161

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
12	0	1326558.208	1524.009	1.4317	0.0013	108.947	0.0543	00	302387.453	30	302378.161
	1	1328401.183	1526.001	1.4334	0.0013	108.912	0.0543	00	302368.863	30	302359.559
	2	1330244.160	1527.992	1.4350	0.0013	108.877	0.0542	00	302350.248	30	302340.931
	3	1332087.139	1529.983	1.4367	0.0013	108.842	0.0542	00	302331.608	30	302322.278
	4	1333930.120	1531.973	1.4384	0.0013	108.807	0.0541	00	302312.942	30	302303.599
12	5	1335773.104	1533.963	1.4400	0.0013	108.772	0.0541	00	302294.250	30	302284.895
	6	1337616.090	1535.952	1.4416	0.0013	108.737	0.0540	00	302275.533	30	302266.165
	7	1339459.078	1537.941	1.4433	0.0013	108.702	0.0540	00	302256.791	30	302247.410
	8	1341302.068	1539.929	1.4449	0.0013	108.666	0.0539	00	302238.023	30	302228.630
	9	1343145.060	1541.916	1.4466	0.0013	108.631	0.0539	00	302219.230	30	302209.824
12	10	1344988.055	1543.903	1.4482	0.0013	108.596	0.0538	00	302200.412	30	302190.993
	11	1346831.052	1545.890	1.4499	0.0013	108.561	0.0538	00	302181.568	30	302172.136
	12	1348674.051	1547.876	1.4515	0.0013	108.525	0.0537	00	302162.698	30	302153.254
	13	1350517.052	1549.862	1.4531	0.0013	108.490	0.0537	00	302143.804	30	302134.347
	14	1352360.056	1551.847	1.4548	0.0013	108.454	0.0537	00	302124.883	30	302115.414
12	15	1354203.062	1553.831	1.4564	0.0013	108.419	0.0536	00	302105.938	30	302096.455
	16	1356046.070	1555.815	1.4581	0.0013	108.383	0.0536	00	302086.967	30	302077.471
	17	1357889.080	1557.799	1.4597	0.0013	108.348	0.0535	00	302067.970	30	302058.462
	18	1359732.092	1559.781	1.4613	0.0013	108.312	0.0535	00	302048.948	30	302039.428
	19	1361575.107	1561.764	1.4630	0.0013	108.276	0.0534	00	302029.901	30	302020.368
12	20	1363418.124	1563.746	1.4646	0.0013	108.241	0.0534	00	302010.828	30	302001.282
	21	1365261.143	1565.727	1.4662	0.0013	108.205	0.0533	00	301991.730	30	301982.171
	22	1367104.165	1567.708	1.4678	0.0013	108.169	0.0533	00	301972.606	30	301963.035
	23	1368947.189	1569.688	1.4695	0.0013	108.133	0.0532	00	301953.457	30	301943.873
	24	1370790.215	1571.668	1.4711	0.0013	108.097	0.0532	00	301934.283	30	301924.686
12	25	1372633.243	1573.647	1.4727	0.0013	108.061	0.0531	00	301915.083	30	301905.473
	26	1374476.273	1575.626	1.4743	0.0013	108.025	0.0531	00	301895.858	30	301886.235
	27	1376319.306	1577.604	1.4759	0.0013	107.989	0.0530	00	301876.607	30	301866.972
	28	1378162.341	1579.582	1.4776	0.0013	107.953	0.0530	00	301857.331	30	301847.683
	29	1380005.378	1581.559	1.4792	0.0013	107.917	0.0529	00	301838.029	30	301828.369
12	30	1381848.418	1583.535	1.4808	0.0013	107.881	0.0529	00	301818.703	30	301809.030
	31	1383691.460	1585.511	1.4824	0.0013	107.845	0.0528	00	301799.350	30	301789.665
	32	1385534.504	1587.487	1.4840	0.0013	107.808	0.0528	00	301779.973	30	301770.274
	33	1387377.550	1589.462	1.4856	0.0013	107.772	0.0527	00	301760.570	30	301750.859
	34	1389220.599	1591.436	1.4872	0.0013	107.736	0.0527	00	301741.141	30	301731.417
12	35	1391063.650	1593.410	1.4889	0.0013	107.700	0.0526	00	301721.687	30	301711.951
	36	1392906.703	1595.384	1.4905	0.0013	107.663	0.0526	00	301702.208	30	301692.459
	37	1394749.759	1597.356	1.4921	0.0013	107.627	0.0525	00	301682.703	30	301672.942
	38	1396592.817	1599.329	1.4937	0.0013	107.590	0.0525	00	301663.173	30	301653.399
	39	1398435.877	1601.300	1.4953	0.0013	107.554	0.0524	00	301643.618	30	301633.831
12	40	1400278.939	1603.272	1.4969	0.0013	107.517	0.0524	00	301624.037	30	301614.237
	41	1402122.004	1605.242	1.4985	0.0013	107.481	0.0524	00	301604.431	30	301594.619
	42	1403965.071	1607.212	1.5001	0.0013	107.444	0.0523	00	301584.800	30	301574.974
	43	1405808.141	1609.182	1.5017	0.0013	107.407	0.0523	00	301565.143	30	301555.305
	44	1407651.212	1611.151	1.5033	0.0013	107.370	0.0522	00	301545.460	30	301535.610
12	45	1409494.286	1613.120	1.5049	0.0013	107.334	0.0522	00	301525.753	30	301515.889
	46	1411337.363	1615.088	1.5065	0.0013	107.297	0.0521	00	301506.020	30	301496.144
	47	1413180.441	1617.055	1.5081	0.0013	107.260	0.0521	00	301486.261	30	301476.372
	48	1415023.522	1619.022	1.5096	0.0013	107.223	0.0520	00	301466.477	30	301456.576
	49	1416866.606	1620.988	1.5112	0.0013	107.186	0.0520	00	301446.668	30	301436.754
12	50	1418709.691	1622.954	1.5128	0.0013	107.149	0.0519	00	301426.834	30	301416.907
	51	1420552.779	1624.919	1.5144	0.0013	107.112	0.0519	00	301406.974	30	301397.034
	52	1422395.869	1626.884	1.5160	0.0013	107.075	0.0518	00	301387.088	30	301377.136
	53	1424238.962	1628.848	1.5176	0.0013	107.038	0.0518	00	301367.178	30	301357.213
	54	1426082.057	1630.812	1.5192	0.0013	107.001	0.0517	00	301347.242	30	301337.264
12	55	1427925.154	1632.775	1.5207	0.0013	106.964	0.0517	00	301327.280	30	301317.290
	56	1429768.254	1634.737	1.5223	0.0013	106.926	0.0516	00	301307.294	30	301297.291
	57	1431611.356	1636.699	1.5239	0.0013	106.889	0.0516	00	301287.282	30	301277.266
	58	1433454.461	1638.660	1.5255	0.0014	106.852	0.0515	00	301267.244	30	301257.216
	59	1435297.567	1640.621	1.5270	0.0014	106.815	0.0515	00	301247.181	30	301237.140
13	00	1437140.676	1642.582	1.5286	0.0014	106.777	0.0514	00	301227.093	30	301217.039

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
13	0	1437140.676	1642.582	1.5286	0.0014	106.777	0.0514	00	301227.093	30	301217.039
	1	1438983.788	1644.541	1.5302	0.0014	106.740	0.0514	00	301206.980	30	301196.913
	2	1440826.902	1646.500	1.5318	0.0014	106.702	0.0513	00	301186.841	30	301176.762
	3	1442670.018	1648.459	1.5333	0.0014	106.665	0.0513	00	301166.676	30	301156.585
	4	1444513.136	1650.417	1.5349	0.0014	106.627	0.0512	00	301146.487	30	301136.383
13	5	1446356.257	1652.375	1.5365	0.0014	106.590	0.0512	00	301126.272	30	301116.155
	6	1448199.381	1654.332	1.5380	0.0014	106.552	0.0511	00	301106.032	30	301095.902
	7	1450042.506	1656.288	1.5396	0.0014	106.514	0.0511	00	301085.766	30	301075.624
	8	1451885.634	1658.244	1.5412	0.0014	106.476	0.0510	00	301065.475	30	301055.320
	9	1453728.765	1660.199	1.5427	0.0014	106.439	0.0510	00	301045.159	30	301034.991
13	10	1455571.898	1662.154	1.5443	0.0014	106.401	0.0509	00	301024.817	30	301014.637
	11	1457415.033	1664.108	1.5458	0.0014	106.363	0.0509	00	301004.450	30	300994.257
	12	1459258.170	1666.062	1.5474	0.0014	106.325	0.0508	00	300984.058	30	300973.852
	13	1461101.310	1668.015	1.5490	0.0014	106.287	0.0508	00	300963.640	30	300953.422
	14	1462944.453	1669.967	1.5505	0.0014	106.249	0.0507	00	300943.198	30	300932.967
13	15	1464787.598	1671.919	1.5521	0.0014	106.211	0.0507	00	300922.729	30	300912.486
	16	1466630.745	1673.870	1.5536	0.0014	106.173	0.0506	00	300902.236	30	300891.979
	17	1468473.894	1675.821	1.5552	0.0014	106.135	0.0506	00	300881.717	30	300871.448
	18	1470317.046	1677.771	1.5567	0.0014	106.097	0.0505	00	300861.172	30	300850.891
	19	1472160.201	1679.721	1.5583	0.0014	106.059	0.0505	00	300840.603	30	300830.309
13	20	1474003.358	1681.670	1.5598	0.0014	106.021	0.0504	00	300820.008	30	300809.701
	21	1475846.517	1683.619	1.5613	0.0014	105.982	0.0504	00	300799.388	30	300789.068
	22	1477689.679	1685.566	1.5629	0.0014	105.944	0.0503	00	300778.742	30	300768.410
	23	1479532.843	1687.514	1.5644	0.0014	105.906	0.0503	00	300758.071	30	300747.726
	24	1481376.009	1689.461	1.5660	0.0014	105.867	0.0502	00	300737.375	30	300727.018
13	25	1483219.178	1691.407	1.5675	0.0014	105.829	0.0502	00	300716.654	30	300706.283
	26	1485062.350	1693.353	1.5690	0.0014	105.791	0.0501	00	300695.907	30	300685.524
	27	1486905.523	1695.298	1.5706	0.0014	105.752	0.0501	00	300675.135	30	300664.739
	28	1488748.700	1697.242	1.5721	0.0014	105.714	0.0500	00	300654.337	30	300643.929
	29	1490591.878	1699.186	1.5736	0.0014	105.675	0.0500	00	300633.515	30	300623.094
13	30	1492435.059	1701.130	1.5752	0.0014	105.636	0.0499	00	300612.667	30	300602.233
	31	1494278.243	1703.072	1.5767	0.0014	105.598	0.0499	00	300591.793	30	300581.347
	32	1496121.429	1705.015	1.5782	0.0014	105.559	0.0498	00	300570.895	30	300560.436
	33	1497964.618	1706.956	1.5798	0.0014	105.520	0.0498	00	300549.971	30	300539.499
	34	1499807.808	1708.897	1.5813	0.0014	105.482	0.0497	00	300529.021	30	300518.537
13	35	1501651.002	1710.838	1.5828	0.0014	105.443	0.0497	00	300508.047	30	300497.550
	36	1503494.198	1712.778	1.5843	0.0014	105.404	0.0496	00	300487.047	30	300476.538
	37	1505337.396	1714.717	1.5858	0.0014	105.365	0.0495	00	300466.022	30	300455.500
	38	1507180.597	1716.656	1.5874	0.0014	105.326	0.0495	00	300444.972	30	300434.437
	39	1509023.800	1718.594	1.5889	0.0014	105.287	0.0494	00	300423.896	30	300413.349
13	40	1510867.006	1720.532	1.5904	0.0014	105.248	0.0494	00	300402.795	30	300392.235
	41	1512710.214	1722.469	1.5919	0.0014	105.209	0.0493	00	300381.669	30	300371.096
	42	1514553.425	1724.405	1.5934	0.0014	105.170	0.0493	00	300360.517	30	300349.932
	43	1516396.638	1726.341	1.5949	0.0014	105.131	0.0492	00	300339.340	30	300328.742
	44	1518239.853	1728.277	1.5965	0.0014	105.092	0.0492	00	300318.138	30	300307.528
13	45	1520083.071	1730.211	1.5980	0.0014	105.052	0.0491	00	300296.911	30	300286.288
	46	1521926.292	1732.145	1.5995	0.0014	105.013	0.0491	00	300275.658	30	300265.022
	47	1523769.515	1734.079	1.6010	0.0014	104.974	0.0490	00	300254.380	30	300243.732
	48	1525612.741	1736.012	1.6025	0.0014	104.935	0.0490	00	300233.077	30	300222.416
	49	1527455.969	1737.944	1.6040	0.0014	104.895	0.0489	00	300211.748	30	300201.075
13	50	1529299.199	1739.876	1.6055	0.0014	104.856	0.0489	00	300190.395	30	300179.708
	51	1531142.432	1741.807	1.6070	0.0014	104.816	0.0488	00	300169.016	30	300158.317
	52	1532985.668	1743.738	1.6085	0.0014	104.777	0.0488	00	300147.611	30	300136.900
	53	1534828.906	1745.668	1.6100	0.0014	104.737	0.0487	00	300126.182	30	300115.457
	54	1536672.147	1747.597	1.6115	0.0014	104.698	0.0487	00	300104.727	30	300093.990
13	55	1538515.390	1749.526	1.6130	0.0014	104.658	0.0486	00	300083.247	30	300072.497
	56	1540358.635	1751.455	1.6145	0.0014	104.618	0.0486	00	300061.741	30	300050.979
	57	1542201.884	1753.382	1.6160	0.0014	104.579	0.0485	00	300040.211	30	300029.436
	58	1544045.134	1755.309	1.6174	0.0014	104.539	0.0485	00	300018.655	30	300007.867
	59	1545888.387	1757.236	1.6189	0.0014	104.499	0.0484	00	299997.074	30	299986.274
14	00	1547731.643	1759.162	1.6204	0.0014	104.459	0.0484	00	299975.467	30	299964.655

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
14	0	1547731.643	1759.162	1.6204	0.0014	104.459	0.0484	00	299975.467	30	299964.655
	1	1549574.901	1761.087	1.6219	0.0014	104.420	0.0483	00	299953.836	30	299943.010
	2	1551418.162	1763.012	1.6234	0.0014	104.380	0.0483	00	299932.179	30	299921.341
	3	1553261.425	1764.936	1.6249	0.0014	104.340	0.0482	00	299910.497	30	299899.646
	4	1555104.691	1766.860	1.6263	0.0014	104.300	0.0482	00	299888.789	30	299877.926
14	5	1556947.960	1768.782	1.6278	0.0014	104.260	0.0481	00	299867.057	30	299856.181
	6	1558791.231	1770.705	1.6293	0.0014	104.220	0.0480	00	299845.299	30	299834.410
	7	1560634.504	1772.627	1.6308	0.0014	104.180	0.0480	00	299823.516	30	299812.615
	8	1562477.780	1774.548	1.6323	0.0014	104.140	0.0479	00	299801.707	30	299790.794
	9	1564321.059	1776.468	1.6337	0.0014	104.099	0.0479	00	299779.874	30	299768.947
14	10	1566164.340	1778.388	1.6352	0.0014	104.059	0.0478	00	299758.015	30	299747.076
	11	1568007.623	1780.308	1.6367	0.0014	104.019	0.0478	00	299736.131	30	299725.179
	12	1569850.910	1782.226	1.6381	0.0014	103.979	0.0477	00	299714.222	30	299703.257
	13	1571694.198	1784.144	1.6396	0.0014	103.938	0.0477	00	299692.287	30	299681.310
	14	1573537.490	1786.062	1.6411	0.0014	103.898	0.0476	00	299670.327	30	299659.338
14	15	1575380.784	1787.979	1.6425	0.0014	103.858	0.0476	00	299648.342	30	299637.340
	16	1577224.080	1789.895	1.6440	0.0014	103.817	0.0475	00	299626.332	30	299615.317
	17	1579067.379	1791.811	1.6455	0.0014	103.777	0.0475	00	299604.297	30	299593.269
	18	1580910.681	1793.726	1.6469	0.0014	103.736	0.0474	00	299582.236	30	299571.196
	19	1582753.985	1795.641	1.6484	0.0014	103.696	0.0474	00	299560.150	30	299549.098
14	20	1584597.292	1797.555	1.6498	0.0014	103.655	0.0473	00	299538.039	30	299526.974
	21	1586440.601	1799.468	1.6513	0.0014	103.614	0.0473	00	299515.903	30	299504.825
	22	1588283.913	1801.381	1.6527	0.0014	103.574	0.0472	00	299493.741	30	299482.651
	23	1590127.228	1803.293	1.6542	0.0014	103.533	0.0472	00	299471.554	30	299460.451
	24	1591970.545	1805.204	1.6557	0.0014	103.492	0.0471	00	299449.342	30	299438.227
14	25	1593813.865	1807.115	1.6571	0.0014	103.451	0.0471	00	299427.105	30	299415.977
	26	1595657.187	1809.025	1.6585	0.0014	103.411	0.0470	00	299404.843	30	299393.702
	27	1597500.512	1810.935	1.6600	0.0014	103.370	0.0469	00	299382.555	30	299371.402
	28	1599343.840	1812.844	1.6614	0.0014	103.329	0.0469	00	299360.242	30	299349.077
	29	1601187.170	1814.753	1.6629	0.0014	103.288	0.0468	00	299337.904	30	299326.726
14	30	1603030.503	1816.661	1.6643	0.0014	103.247	0.0468	00	299315.541	30	299304.350
	31	1604873.838	1818.568	1.6658	0.0014	103.206	0.0467	00	299293.153	30	299281.949
	32	1606717.176	1820.474	1.6672	0.0014	103.165	0.0467	00	299270.739	30	299259.523
	33	1608560.517	1822.380	1.6686	0.0014	103.124	0.0466	00	299248.300	30	299237.072
	34	1610403.860	1824.286	1.6701	0.0014	103.083	0.0466	00	299225.836	30	299214.595
14	35	1612247.206	1826.191	1.6715	0.0014	103.041	0.0465	00	299203.347	30	299192.093
	36	1614090.554	1828.095	1.6729	0.0014	103.000	0.0465	00	299180.833	30	299169.566
	37	1615933.905	1829.998	1.6744	0.0014	102.959	0.0464	00	299158.293	30	299147.014
	38	1617777.259	1831.901	1.6758	0.0014	102.918	0.0464	00	299135.729	30	299124.437
	39	1619620.615	1833.804	1.6772	0.0014	102.876	0.0463	00	299113.139	30	299101.834
14	40	1621463.974	1835.705	1.6787	0.0014	102.835	0.0463	00	299090.524	30	299079.207
	41	1623307.336	1837.606	1.6801	0.0014	102.794	0.0462	00	299067.883	30	299056.554
	42	1625150.700	1839.507	1.6815	0.0014	102.752	0.0461	00	299045.218	30	299033.876
	43	1626994.067	1841.407	1.6829	0.0014	102.711	0.0461	00	299022.527	30	299011.172
	44	1628837.437	1843.306	1.6843	0.0014	102.669	0.0460	00	298999.811	30	298988.444
14	45	1630680.809	1845.204	1.6858	0.0014	102.628	0.0460	00	298977.070	30	298965.690
	46	1632524.184	1847.102	1.6872	0.0015	102.586	0.0459	00	298954.304	30	298942.912
	47	1634367.562	1849.000	1.6886	0.0015	102.544	0.0459	00	298931.513	30	298920.108
	48	1636210.942	1850.896	1.6900	0.0015	102.503	0.0458	00	298908.696	30	298897.279
	49	1638054.325	1852.793	1.6914	0.0015	102.461	0.0458	00	298885.855	30	298874.424
14	50	1639897.710	1854.688	1.6928	0.0015	102.419	0.0457	00	298862.988	30	298851.545
	51	1641741.098	1856.583	1.6942	0.0015	102.378	0.0457	00	298840.096	30	298828.640
	52	1643584.489	1858.477	1.6956	0.0015	102.336	0.0456	00	298817.178	30	298805.710
	53	1645427.883	1860.371	1.6971	0.0015	102.294	0.0456	00	298794.236	30	298782.756
	54	1647271.279	1862.264	1.6985	0.0015	102.252	0.0455	00	298771.269	30	298759.775
14	55	1649114.678	1864.156	1.6999	0.0015	102.210	0.0454	00	298748.276	30	298736.770
	56	1650958.079	1866.048	1.7013	0.0015	102.168	0.0454	00	298725.258	30	298713.740
	57	1652801.484	1867.939	1.7027	0.0015	102.126	0.0453	00	298702.215	30	298690.684
	58	1654644.891	1869.829	1.7041	0.0015	102.084	0.0453	00	298679.147	30	298667.604
	59	1656488.300	1871.719	1.7055	0.0015	102.042	0.0452	00	298656.054	30	298644.498
15	00	1658331.712	1873.608	1.7069	0.0015	102.000	0.0452	00	298632.936	30	298621.367

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
15	0	1658331.712	1873.608	1.7069	0.0015	102.000	0.0452	00	298632.936	30	298621.367
	1	1660175.127	1875.497	1.7082	0.0015	101.958	0.0451	00	298609.792	30	298598.211
	2	1662018.545	1877.385	1.7096	0.0015	101.915	0.0451	00	298586.623	30	298575.030
	3	1663861.966	1879.272	1.7110	0.0015	101.873	0.0450	00	298563.429	30	298551.823
	4	1665705.389	1881.159	1.7124	0.0015	101.831	0.0450	00	298540.210	30	298528.592
15	5	1667548.814	1883.045	1.7138	0.0015	101.789	0.0449	00	298516.966	30	298505.335
	6	1669392.243	1884.930	1.7152	0.0015	101.746	0.0449	00	298493.697	30	298482.053
	7	1671235.674	1886.815	1.7166	0.0015	101.704	0.0448	00	298470.403	30	298458.746
	8	1673079.108	1888.699	1.7180	0.0015	101.661	0.0447	00	298447.083	30	298435.414
	9	1674922.545	1890.583	1.7193	0.0015	101.619	0.0447	00	298423.739	30	298412.057
15	10	1676765.984	1892.465	1.7207	0.0015	101.576	0.0446	00	298400.369	30	298388.675
	11	1678609.426	1894.348	1.7221	0.0015	101.534	0.0446	00	298376.974	30	298365.267
	12	1680452.871	1896.229	1.7235	0.0015	101.491	0.0445	00	298353.554	30	298341.834
	13	1682296.319	1898.110	1.7248	0.0015	101.449	0.0445	00	298330.109	30	298318.377
	14	1684139.769	1899.991	1.7262	0.0015	101.406	0.0444	00	298306.639	30	298294.894
15	15	1685983.222	1901.870	1.7276	0.0015	101.363	0.0444	00	298283.143	30	298271.386
	16	1687826.678	1903.749	1.7290	0.0015	101.321	0.0443	00	298259.623	30	298247.853
	17	1689670.136	1905.628	1.7303	0.0015	101.278	0.0443	00	298236.077	30	298224.295
	18	1691513.597	1907.505	1.7317	0.0015	101.235	0.0442	00	298212.506	30	298200.712
	19	1693357.061	1909.382	1.7331	0.0015	101.192	0.0441	00	298188.910	30	298177.103
15	20	1695200.528	1911.259	1.7344	0.0015	101.149	0.0441	00	298165.290	30	298153.470
	21	1697043.997	1913.135	1.7358	0.0015	101.106	0.0440	00	298141.643	30	298129.811
	22	1698887.470	1915.010	1.7372	0.0015	101.063	0.0440	00	298117.972	30	298106.127
	23	1700730.944	1916.884	1.7385	0.0015	101.020	0.0439	00	298094.276	30	298082.419
	24	1702574.422	1918.758	1.7399	0.0015	100.977	0.0439	00	298070.555	30	298058.685
15	25	1704417.903	1920.631	1.7412	0.0015	100.934	0.0438	00	298046.808	30	298034.926
	26	1706261.386	1922.504	1.7426	0.0015	100.891	0.0438	00	298023.037	30	298011.141
	27	1708104.872	1924.376	1.7439	0.0015	100.848	0.0437	00	297999.240	30	297987.332
	28	1709948.361	1926.247	1.7453	0.0015	100.805	0.0436	00	297975.418	30	297963.498
	29	1711791.852	1928.118	1.7466	0.0015	100.762	0.0436	00	297951.571	30	297939.639
15	30	1713635.346	1929.988	1.7480	0.0015	100.719	0.0435	00	297927.699	30	297915.754
	31	1715478.843	1931.857	1.7493	0.0015	100.675	0.0435	00	297903.802	30	297891.845
	32	1717322.343	1933.726	1.7507	0.0015	100.632	0.0434	00	297879.880	30	297867.910
	33	1719165.846	1935.594	1.7520	0.0015	100.589	0.0434	00	297855.933	30	297843.950
	34	1721009.351	1937.461	1.7534	0.0015	100.545	0.0433	00	297831.961	30	297819.965
15	35	1722852.860	1939.328	1.7547	0.0015	100.502	0.0433	00	297807.963	30	297795.955
	36	1724696.371	1941.194	1.7560	0.0015	100.458	0.0432	00	297783.941	30	297771.920
	37	1726539.884	1943.059	1.7574	0.0015	100.415	0.0432	00	297759.894	30	297747.860
	38	1728383.401	1944.924	1.7587	0.0015	100.371	0.0431	00	297735.821	30	297723.775
	39	1730226.920	1946.788	1.7600	0.0015	100.328	0.0430	00	297711.723	30	297699.665
15	40	1732070.442	1948.652	1.7614	0.0015	100.284	0.0430	00	297687.601	30	297675.530
	41	1733913.967	1950.515	1.7627	0.0015	100.240	0.0429	00	297663.453	30	297651.369
	42	1735757.495	1952.377	1.7640	0.0015	100.197	0.0429	00	297639.280	30	297627.184
	43	1737601.026	1954.238	1.7654	0.0015	100.153	0.0428	00	297615.082	30	297602.974
	44	1739444.559	1956.099	1.7667	0.0015	100.109	0.0428	00	297590.859	30	297578.738
15	45	1741288.095	1957.959	1.7680	0.0015	100.065	0.0427	00	297566.611	30	297554.477
	46	1743131.634	1959.819	1.7693	0.0015	100.022	0.0427	00	297542.338	30	297530.192
	47	1744975.176	1961.678	1.7706	0.0015	99.978	0.0426	00	297518.040	30	297505.881
	48	1746818.721	1963.536	1.7720	0.0015	99.934	0.0425	00	297493.716	30	297481.545
	49	1748662.268	1965.393	1.7733	0.0015	99.890	0.0425	00	297469.368	30	297457.184
15	50	1750505.819	1967.250	1.7746	0.0015	99.846	0.0424	00	297444.995	30	297432.799
	51	1752349.372	1969.106	1.7759	0.0015	99.802	0.0424	00	297420.596	30	297408.388
	52	1754192.928	1970.962	1.7772	0.0015	99.758	0.0423	00	297396.173	30	297383.952
	53	1756036.486	1972.817	1.7785	0.0015	99.714	0.0423	00	297371.724	30	297359.491
	54	1757880.048	1974.671	1.7798	0.0015	99.670	0.0422	00	297347.251	30	297335.005
15	55	1759723.613	1976.524	1.7812	0.0015	99.625	0.0422	00	297322.752	30	297310.494
	56	1761567.180	1978.377	1.7825	0.0015	99.581	0.0421	00	297298.229	30	297285.957
	57	1763410.750	1980.229	1.7838	0.0015	99.537	0.0420	00	297273.680	30	297261.396
	58	1765254.323	1982.081	1.7851	0.0015	99.493	0.0420	00	297249.106	30	297236.810
	59	1767097.899	1983.932	1.7864	0.0015	99.449	0.0419	00	297224.508	30	297212.199
16	00	1768941.478	1985.782	1.7877	0.0015	99.404	0.0419	00	297199.884	30	297187.563

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
16	0	1768941.478	1985.782	1.7877	0.0015	99.404	0.0419	00	297199.884	30	297187.563
	1	1770785.059	1987.632	1.7890	0.0015	99.360	0.0418	00	297175.235	30	297162.901
	2	1772628.644	1989.480	1.7903	0.0015	99.315	0.0418	00	297150.561	30	297138.215
	3	1774472.231	1991.329	1.7916	0.0015	99.271	0.0417	00	297125.862	30	297113.504
	4	1776315.821	1993.176	1.7929	0.0015	99.226	0.0416	00	297101.139	30	297088.767
16	5	1778159.414	1995.023	1.7941	0.0015	99.182	0.0416	00	297076.390	30	297064.006
	6	1780003.010	1996.869	1.7954	0.0015	99.137	0.0415	00	297051.616	30	297039.219
	7	1781846.609	1998.715	1.7967	0.0015	99.093	0.0415	00	297026.817	30	297014.408
	8	1783690.210	2000.559	1.7980	0.0015	99.048	0.0414	00	297001.993	30	296989.572
	9	1785533.815	2002.404	1.7993	0.0015	99.003	0.0414	00	296977.144	30	296964.710
16	10	1787377.422	2004.247	1.8006	0.0015	98.959	0.0413	00	296952.270	30	296939.824
	11	1789221.032	2006.090	1.8019	0.0015	98.914	0.0413	00	296927.371	30	296914.912
	12	1791064.646	2007.932	1.8031	0.0015	98.869	0.0412	00	296902.447	30	296889.976
	13	1792908.262	2009.773	1.8044	0.0015	98.824	0.0411	00	296877.498	30	296865.014
	14	1794751.881	2011.614	1.8057	0.0015	98.780	0.0411	00	296852.524	30	296840.028
16	15	1796595.502	2013.454	1.8070	0.0015	98.735	0.0410	00	296827.525	30	296815.016
	16	1798439.127	2015.294	1.8082	0.0015	98.690	0.0410	00	296802.501	30	296789.980
	17	1800282.755	2017.132	1.8095	0.0015	98.645	0.0409	00	296777.452	30	296764.918
	18	1802126.385	2018.971	1.8108	0.0015	98.600	0.0409	00	296752.378	30	296739.832
	19	1803970.019	2020.808	1.8121	0.0015	98.555	0.0408	00	296727.279	30	296714.720
16	20	1805813.655	2022.645	1.8133	0.0015	98.510	0.0407	00	296702.155	30	296689.584
	21	1807657.294	2024.481	1.8146	0.0015	98.465	0.0407	00	296677.006	30	296664.422
	22	1809500.936	2026.316	1.8158	0.0015	98.420	0.0406	00	296651.832	30	296639.236
	23	1811344.581	2028.151	1.8171	0.0015	98.375	0.0406	00	296626.633	30	296614.024
	24	1813188.229	2029.985	1.8184	0.0015	98.329	0.0405	00	296601.409	30	296588.788
16	25	1815031.880	2031.818	1.8196	0.0015	98.284	0.0405	00	296576.160	30	296563.526
	26	1816875.534	2033.650	1.8209	0.0015	98.239	0.0404	00	296550.886	30	296538.240
	27	1818719.191	2035.482	1.8221	0.0015	98.194	0.0404	00	296525.587	30	296512.929
	28	1820562.850	2037.314	1.8234	0.0015	98.148	0.0403	00	296500.264	30	296487.592
	29	1822406.513	2039.144	1.8246	0.0015	98.103	0.0402	00	296474.915	30	296462.231
16	30	1824250.178	2040.974	1.8259	0.0015	98.057	0.0402	00	296449.541	30	296436.845
	31	1826093.847	2042.803	1.8271	0.0015	98.012	0.0401	00	296424.142	30	296411.433
	32	1827937.518	2044.632	1.8284	0.0015	97.966	0.0401	00	296398.718	30	296385.997
	33	1829781.193	2046.459	1.8296	0.0015	97.921	0.0400	00	296373.270	30	296360.536
	34	1831624.870	2048.286	1.8309	0.0015	97.875	0.0400	00	296347.796	30	296335.050
16	35	1833468.550	2050.113	1.8321	0.0015	97.830	0.0399	00	296322.297	30	296309.539
	36	1835312.233	2051.939	1.8334	0.0015	97.784	0.0398	00	296296.774	30	296284.003
	37	1837155.919	2053.764	1.8346	0.0015	97.739	0.0398	00	296271.225	30	296258.442
	38	1838999.608	2055.588	1.8358	0.0015	97.693	0.0397	00	296245.652	30	296232.856
	39	1840843.300	2057.412	1.8371	0.0015	97.647	0.0397	00	296220.053	30	296207.245
16	40	1842686.995	2059.234	1.8383	0.0015	97.601	0.0396	00	296194.430	30	296181.609
	41	1844530.693	2061.057	1.8395	0.0015	97.556	0.0396	00	296168.782	30	296155.948
	42	1846374.394	2062.878	1.8408	0.0015	97.510	0.0395	00	296143.108	30	296130.262
	43	1848218.098	2064.699	1.8420	0.0015	97.464	0.0394	00	296117.410	30	296104.552
	44	1850061.805	2066.519	1.8432	0.0015	97.418	0.0394	00	296091.687	30	296078.816
16	45	1851905.515	2068.339	1.8445	0.0015	97.372	0.0393	00	296065.939	30	296053.055
	46	1853749.228	2070.158	1.8457	0.0015	97.326	0.0393	00	296040.166	30	296027.270
	47	1855592.943	2071.976	1.8469	0.0015	97.280	0.0392	00	296014.368	30	296001.459
	48	1857436.662	2073.793	1.8481	0.0015	97.234	0.0392	00	295988.545	30	295975.624
	49	1859280.384	2075.610	1.8493	0.0015	97.188	0.0391	00	295962.697	30	295949.763
16	50	1861124.109	2077.426	1.8506	0.0015	97.142	0.0390	00	295936.824	30	295923.878
	51	1862967.836	2079.241	1.8518	0.0015	97.096	0.0390	00	295910.926	30	295897.968
	52	1864811.567	2081.055	1.8530	0.0015	97.050	0.0389	00	295885.004	30	295872.033
	53	1866655.301	2082.869	1.8542	0.0015	97.003	0.0389	00	295859.056	30	295846.073
	54	1868499.037	2084.682	1.8554	0.0015	96.957	0.0388	00	295833.083	30	295820.088
16	55	1870342.777	2086.495	1.8566	0.0015	96.911	0.0388	00	295807.086	30	295794.078
	56	1872186.520	2088.307	1.8578	0.0015	96.865	0.0387	00	295781.064	30	295768.043
	57	1874030.265	2090.118	1.8590	0.0015	96.818	0.0386	00	295755.016	30	295741.983
	58	1875874.014	2091.928	1.8602	0.0015	96.772	0.0386	00	295728.944	30	295715.899
	59	1877717.766	2093.738	1.8614	0.0015	96.726	0.0385	00	295702.847	30	295689.789
17	00	1879561.520	2095.547	1.8626	0.0015	96.679	0.0385	00	295676.725	30	295663.655

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
17	0	1879561.520	2095.547	1.8626	0.0015	96.679	0.0385	00	295676.725	30	295663.655
	1	1881405.278	2097.355	1.8638	0.0015	96.633	0.0384	00	295650.578	30	295637.495
	2	1883249.039	2099.162	1.8650	0.0015	96.586	0.0384	00	295624.406	30	295611.311
	3	1885092.803	2100.969	1.8662	0.0015	96.540	0.0383	00	295598.210	30	295585.102
	4	1886936.569	2102.775	1.8674	0.0015	96.493	0.0382	00	295571.988	30	295558.868
17	5	1888780.339	2104.581	1.8686	0.0015	96.446	0.0382	00	295545.741	30	295532.609
	6	1890624.112	2106.386	1.8698	0.0015	96.400	0.0381	00	295519.470	30	295506.325
	7	1892467.888	2108.190	1.8710	0.0015	96.353	0.0381	00	295493.174	30	295480.016
	8	1894311.667	2109.993	1.8722	0.0015	96.306	0.0380	00	295466.852	30	295453.682
	9	1896155.449	2111.795	1.8734	0.0015	96.260	0.0380	00	295440.506	30	295427.324
17	10	1897999.234	2113.597	1.8745	0.0015	96.213	0.0379	00	295414.135	30	295400.940
	11	1899843.022	2115.398	1.8757	0.0015	96.166	0.0378	00	295387.739	30	295374.532
	12	1901686.813	2117.199	1.8769	0.0015	96.119	0.0378	00	295361.319	30	295348.099
	13	1903530.607	2118.999	1.8781	0.0015	96.072	0.0377	00	295334.873	30	295321.641
	14	1905374.404	2120.798	1.8793	0.0015	96.025	0.0377	00	295308.402	30	295295.158
17	15	1907218.204	2122.596	1.8804	0.0015	95.978	0.0376	00	295281.907	30	295268.650
	16	1909062.007	2124.393	1.8816	0.0015	95.931	0.0375	00	295255.387	30	295242.117
	17	1910905.813	2126.190	1.8828	0.0015	95.884	0.0375	00	295228.841	30	295215.560
	18	1912749.623	2127.986	1.8840	0.0015	95.837	0.0374	00	295202.271	30	295188.977
	19	1914593.435	2129.782	1.8851	0.0015	95.790	0.0374	00	295175.677	30	295162.370
17	20	1916437.251	2131.576	1.8863	0.0015	95.743	0.0373	00	295149.057	30	295135.738
	21	1918281.069	2133.370	1.8875	0.0015	95.696	0.0373	00	295122.412	30	295109.080
	22	1920124.891	2135.164	1.8886	0.0015	95.649	0.0372	00	295095.743	30	295082.398
	23	1921968.715	2136.956	1.8898	0.0015	95.602	0.0371	00	295069.048	30	295055.692
	24	1923812.543	2138.748	1.8909	0.0015	95.554	0.0371	00	295042.329	30	295028.960
17	25	1925656.374	2140.539	1.8921	0.0015	95.507	0.0370	00	295015.585	30	295002.203
	26	1927500.208	2142.330	1.8933	0.0015	95.460	0.0370	00	294988.816	30	294975.422
	27	1929344.045	2144.119	1.8944	0.0015	95.412	0.0369	00	294962.022	30	294948.616
	28	1931187.885	2145.908	1.8956	0.0015	95.365	0.0369	00	294935.203	30	294921.785
	29	1933031.728	2147.696	1.8967	0.0015	95.318	0.0368	00	294908.360	30	294894.929
17	30	1934875.574	2149.484	1.8979	0.0015	95.270	0.0367	00	294881.492	30	294868.048
	31	1936719.424	2151.271	1.8990	0.0015	95.223	0.0367	00	294854.598	30	294841.143
	32	1938563.276	2153.057	1.9002	0.0015	95.175	0.0366	00	294827.680	30	294814.212
	33	1940407.132	2154.842	1.9013	0.0015	95.128	0.0366	00	294800.738	30	294787.257
	34	1942250.990	2156.627	1.9024	0.0015	95.080	0.0365	00	294773.770	30	294760.277
17	35	1944094.852	2158.410	1.9036	0.0015	95.032	0.0364	00	294746.777	30	294733.272
	36	1945938.717	2160.194	1.9047	0.0015	94.985	0.0364	00	294719.760	30	294706.242
	37	1947782.585	2161.976	1.9059	0.0015	94.937	0.0363	00	294692.718	30	294679.187
	38	1949626.456	2163.758	1.9070	0.0016	94.889	0.0363	00	294665.651	30	294652.108
	39	1951470.330	2165.539	1.9081	0.0016	94.842	0.0362	00	294638.559	30	294625.003
17	40	1953314.207	2167.319	1.9093	0.0016	94.794	0.0362	00	294611.442	30	294597.874
	41	1955158.087	2169.098	1.9104	0.0016	94.746	0.0361	00	294584.300	30	294570.720
	42	1957001.971	2170.877	1.9115	0.0016	94.698	0.0360	00	294557.134	30	294543.542
	43	1958845.858	2172.655	1.9127	0.0016	94.650	0.0360	00	294529.943	30	294516.338
	44	1960689.747	2174.432	1.9138	0.0016	94.602	0.0359	00	294502.727	30	294489.110
17	45	1962533.640	2176.209	1.9149	0.0016	94.554	0.0359	00	294475.486	30	294461.857
	46	1964377.536	2177.985	1.9160	0.0016	94.506	0.0358	00	294448.221	30	294434.579
	47	1966221.435	2179.760	1.9171	0.0016	94.458	0.0357	00	294420.930	30	294407.276
	48	1968065.338	2181.534	1.9183	0.0016	94.410	0.0357	00	294393.615	30	294379.948
	49	1969909.243	2183.308	1.9194	0.0016	94.362	0.0356	00	294366.275	30	294352.596
17	50	1971753.151	2185.081	1.9205	0.0016	94.314	0.0356	00	294338.910	30	294325.218
	51	1973597.063	2186.853	1.9216	0.0016	94.266	0.0355	00	294311.520	30	294297.816
	52	1975440.978	2188.624	1.9227	0.0016	94.218	0.0355	00	294284.106	30	294270.390
	53	1977284.896	2190.395	1.9238	0.0016	94.170	0.0354	00	294256.667	30	294242.938
	54	1979128.817	2192.165	1.9249	0.0016	94.121	0.0353	00	294229.203	30	294215.461
17	55	1980972.741	2193.934	1.9260	0.0016	94.073	0.0353	00	294201.714	30	294187.960
	56	1982816.669	2195.703	1.9271	0.0016	94.025	0.0352	00	294174.200	30	294160.434
	57	1984660.599	2197.470	1.9283	0.0016	93.977	0.0352	00	294146.662	30	294132.883
	58	1986504.533	2199.237	1.9294	0.0016	93.928	0.0351	00	294119.099	30	294105.308
	59	1988348.470	2201.003	1.9305	0.0016	93.880	0.0350	00	294091.511	30	294077.708
18	00	1990192.410	2202.769	1.9316	0.0016	93.831	0.0350	00	294063.898	30	294050.082

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)* E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
18	0	1990192.410	2202.769	1.9316	0.0016	93.831	0.0350	00	294063.898	30	294050.082
	1	1992036.353	2204.534	1.9326	0.0016	93.783	0.0349	00	294036.261	30	294022.433
	2	1993880.300	2206.298	1.9337	0.0016	93.734	0.0349	00	294008.598	30	293994.758
	3	1995724.249	2208.061	1.9348	0.0016	93.686	0.0348	00	293980.911	30	293967.058
	4	1997568.202	2209.823	1.9359	0.0016	93.637	0.0348	00	293953.199	30	293939.334
18	5	1999412.158	2211.585	1.9370	0.0016	93.589	0.0347	00	293925.463	30	293911.585
	6	2001256.117	2213.346	1.9381	0.0016	93.540	0.0346	00	293897.701	30	293883.811
	7	2003100.080	2215.107	1.9392	0.0016	93.491	0.0346	00	293869.915	30	293856.013
	8	2004944.045	2216.866	1.9403	0.0016	93.443	0.0345	00	293842.104	30	293828.190
	9	2006788.014	2218.625	1.9414	0.0016	93.394	0.0345	00	293814.269	30	293800.341
18	10	2008631.986	2220.383	1.9424	0.0016	93.345	0.0344	00	293786.408	30	293772.469
	11	2010475.961	2222.140	1.9435	0.0016	93.296	0.0343	00	293758.523	30	293744.571
	12	2012319.939	2223.897	1.9446	0.0016	93.248	0.0343	00	293730.613	30	293716.649
	13	2014163.920	2225.653	1.9457	0.0016	93.199	0.0342	00	293702.678	30	293688.702
	14	2016007.905	2227.408	1.9467	0.0016	93.150	0.0342	00	293674.719	30	293660.730
18	15	2017851.893	2229.162	1.9478	0.0016	93.101	0.0341	00	293646.735	30	293632.733
	16	2019695.884	2230.915	1.9489	0.0016	93.052	0.0340	00	293618.726	30	293604.712
	17	2021539.878	2232.668	1.9499	0.0016	93.003	0.0340	00	293590.692	30	293576.666
	18	2023383.876	2234.420	1.9510	0.0016	92.954	0.0339	00	293562.634	30	293548.595
	19	2025227.877	2236.172	1.9521	0.0016	92.905	0.0339	00	293534.550	30	293520.500
18	20	2027071.880	2237.922	1.9531	0.0016	92.856	0.0338	00	293506.443	30	293492.379
	21	2028915.888	2239.672	1.9542	0.0016	92.807	0.0338	00	293478.310	30	293464.234
	22	2030759.898	2241.421	1.9553	0.0016	92.758	0.0337	00	293450.153	30	293436.065
	23	2032603.912	2243.169	1.9563	0.0016	92.709	0.0336	00	293421.970	30	293407.870
	24	2034447.928	2244.917	1.9574	0.0016	92.659	0.0336	00	293393.764	30	293379.651
18	25	2036291.948	2246.663	1.9584	0.0016	92.610	0.0335	00	293365.532	30	293351.407
	26	2038135.972	2248.409	1.9595	0.0016	92.561	0.0335	00	293337.276	30	293323.138
	27	2039979.998	2250.155	1.9605	0.0016	92.512	0.0334	00	293308.995	30	293294.845
	28	2041824.028	2251.899	1.9616	0.0016	92.462	0.0333	00	293280.689	30	293266.527
	29	2043668.061	2253.643	1.9626	0.0016	92.413	0.0333	00	293252.359	30	293238.184
18	30	2045512.097	2255.386	1.9637	0.0016	92.364	0.0332	00	293224.003	30	293209.817
	31	2047356.137	2257.128	1.9647	0.0016	92.314	0.0332	00	293195.624	30	293181.424
	32	2049200.179	2258.869	1.9658	0.0016	92.265	0.0331	00	293167.219	30	293153.007
	33	2051044.225	2260.610	1.9668	0.0016	92.215	0.0330	00	293138.790	30	293124.566
	34	2052888.274	2262.350	1.9678	0.0016	92.166	0.0330	00	293110.336	30	293096.099
18	35	2054732.327	2264.089	1.9689	0.0016	92.116	0.0329	00	293081.857	30	293067.608
	36	2056576.383	2265.828	1.9699	0.0016	92.067	0.0329	00	293053.354	30	293039.093
	37	2058420.442	2267.565	1.9709	0.0016	92.017	0.0328	00	293024.826	30	293010.552
	38	2060264.504	2269.302	1.9720	0.0016	91.967	0.0327	00	292996.273	30	292981.987
	39	2062108.569	2271.038	1.9730	0.0016	91.918	0.0327	00	292967.695	30	292953.397
18	40	2063952.638	2272.773	1.9740	0.0016	91.868	0.0326	00	292939.093	30	292924.783
	41	2065796.710	2274.508	1.9751	0.0016	91.818	0.0326	00	292910.466	30	292896.144
	42	2067640.786	2276.242	1.9761	0.0016	91.769	0.0325	00	292881.815	30	292867.480
	43	2069484.864	2277.975	1.9771	0.0016	91.719	0.0325	00	292853.139	30	292838.791
	44	2071328.946	2279.707	1.9781	0.0016	91.669	0.0324	00	292824.438	30	292810.078
18	45	2073173.031	2281.439	1.9792	0.0016	91.619	0.0323	00	292795.712	30	292781.340
	46	2075017.120	2283.169	1.9802	0.0016	91.569	0.0323	00	292766.962	30	292752.577
	47	2076861.211	2284.899	1.9812	0.0016	91.519	0.0322	00	292738.187	30	292723.790
	48	2078705.306	2286.628	1.9822	0.0016	91.469	0.0322	00	292709.387	30	292694.978
	49	2080549.405	2288.357	1.9832	0.0016	91.419	0.0321	00	292680.563	30	292666.142
18	50	2082393.506	2290.084	1.9842	0.0016	91.369	0.0320	00	292651.714	30	292637.280
	51	2084237.611	2291.811	1.9852	0.0016	91.319	0.0320	00	292622.840	30	292608.394
	52	2086081.719	2293.537	1.9862	0.0016	91.269	0.0319	00	292593.942	30	292579.484
	53	2087925.831	2295.263	1.9872	0.0016	91.219	0.0319	00	292565.019	30	292550.548
	54	2089769.945	2296.987	1.9882	0.0016	91.169	0.0318	00	292536.072	30	292521.589
18	55	2091614.063	2298.711	1.9892	0.0016	91.119	0.0317	00	292507.099	30	292492.604
	56	2093458.185	2300.434	1.9902	0.0016	91.069	0.0317	00	292478.102	30	292463.595
	57	2095302.310	2302.156	1.9912	0.0016	91.019	0.0316	00	292449.081	30	292434.561
	58	2097146.438	2303.878	1.9922	0.0016	90.968	0.0316	00	292420.035	30	292405.502
	59	2098990.569	2305.598	1.9932	0.0016	90.918	0.0315	00	292390.964	30	292376.419
19	00	2100834.703	2307.318	1.9942	0.0016	90.868	0.0314	00	292361.868	30	292347.311

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
19	0	2100834.703	2307.318	1.9942	0.0016	90.868	0.0314	00	292361.868	30	292347.311
	1	2102678.841	2309.037	1.9952	0.0016	90.817	0.0314	00	292332.748	30	292318.179
	2	2104522.983	2310.756	1.9962	0.0016	90.767	0.0313	00	292303.603	30	292289.022
	3	2106367.127	2312.473	1.9972	0.0016	90.717	0.0313	00	292274.434	30	292259.840
	4	2108211.275	2314.190	1.9982	0.0016	90.666	0.0312	00	292245.240	30	292230.634
19	5	2110055.426	2315.906	1.9992	0.0016	90.616	0.0311	00	292216.021	30	292201.403
	6	2111899.581	2317.621	2.0001	0.0016	90.565	0.0311	00	292186.778	30	292172.147
	7	2113743.739	2319.336	2.0011	0.0016	90.515	0.0310	00	292157.510	30	292142.867
	8	2115587.900	2321.049	2.0021	0.0016	90.464	0.0310	00	292128.217	30	292113.562
	9	2117432.065	2322.762	2.0031	0.0016	90.414	0.0309	00	292098.900	30	292084.232
19	10	2119276.233	2324.474	2.0041	0.0016	90.363	0.0308	00	292069.558	30	292054.878
	11	2121120.404	2326.186	2.0050	0.0016	90.313	0.0308	00	292040.192	30	292025.499
	12	2122964.579	2327.896	2.0060	0.0016	90.262	0.0307	00	292010.801	30	291996.096
	13	2124808.757	2329.606	2.0070	0.0016	90.211	0.0307	00	291981.385	30	291966.668
	14	2126652.938	2331.315	2.0079	0.0016	90.160	0.0306	00	291951.945	30	291937.215
19	15	2128497.123	2333.023	2.0089	0.0016	90.110	0.0305	00	291922.480	30	291907.738
	16	2130341.311	2334.730	2.0099	0.0016	90.059	0.0305	00	291892.990	30	291878.236
	17	2132185.502	2336.437	2.0108	0.0016	90.008	0.0304	00	291863.476	30	291848.710
	18	2134029.697	2338.143	2.0118	0.0016	89.957	0.0304	00	291833.938	30	291819.159
	19	2135873.895	2339.848	2.0127	0.0016	89.906	0.0303	00	291804.374	30	291789.583
19	20	2137718.096	2341.552	2.0137	0.0016	89.855	0.0303	00	291774.786	30	291759.983
	21	2139562.301	2343.256	2.0147	0.0016	89.805	0.0302	00	291745.174	30	291730.358
	22	2141406.509	2344.958	2.0156	0.0016	89.754	0.0301	00	291715.537	30	291700.709
	23	2143250.721	2346.660	2.0166	0.0016	89.703	0.0301	00	291685.875	30	291671.035
	24	2145094.936	2348.361	2.0175	0.0016	89.652	0.0300	00	291656.189	30	291641.336
19	25	2146939.154	2350.061	2.0185	0.0016	89.601	0.0300	00	291626.478	30	291611.613
	26	2148783.376	2351.761	2.0194	0.0016	89.549	0.0299	00	291596.742	30	291581.865
	27	2150627.601	2353.460	2.0204	0.0016	89.498	0.0298	00	291566.982	30	291552.093
	28	2152471.830	2355.157	2.0213	0.0016	89.447	0.0298	00	291537.198	30	291522.296
	29	2154316.061	2356.855	2.0222	0.0016	89.396	0.0297	00	291507.389	30	291492.475
19	30	2156160.297	2358.551	2.0232	0.0016	89.345	0.0297	00	291477.555	30	291462.629
	31	2158004.535	2360.246	2.0241	0.0016	89.294	0.0296	00	291447.696	30	291432.758
	32	2159848.777	2361.941	2.0251	0.0016	89.242	0.0295	00	291417.814	30	291402.863
	33	2161693.023	2363.635	2.0260	0.0016	89.191	0.0295	00	291387.906	30	291372.943
	34	2163537.272	2365.328	2.0269	0.0016	89.140	0.0294	00	291357.974	30	291342.999
19	35	2165381.524	2367.020	2.0278	0.0016	89.089	0.0294	00	291328.017	30	291313.030
	36	2167225.780	2368.712	2.0288	0.0016	89.037	0.0293	00	291298.036	30	291283.036
	37	2169070.039	2370.403	2.0297	0.0016	88.986	0.0292	00	291268.031	30	291253.019
	38	2170914.301	2372.093	2.0306	0.0016	88.934	0.0292	00	291238.000	30	291222.976
	39	2172758.567	2373.782	2.0315	0.0016	88.883	0.0291	00	291207.945	30	291192.909
19	40	2174602.836	2375.470	2.0325	0.0016	88.831	0.0291	00	291177.866	30	291162.817
	41	2176447.109	2377.158	2.0334	0.0016	88.780	0.0290	00	291147.762	30	291132.701
	42	2178291.385	2378.844	2.0343	0.0016	88.728	0.0289	00	291117.634	30	291102.560
	43	2180135.665	2380.530	2.0352	0.0016	88.677	0.0289	00	291087.481	30	291072.395
	44	2181979.948	2382.215	2.0361	0.0016	88.625	0.0288	00	291057.303	30	291042.205
19	45	2183824.234	2383.900	2.0370	0.0016	88.574	0.0288	00	291027.101	30	291011.991
	46	2185668.524	2385.583	2.0380	0.0016	88.522	0.0287	00	290996.874	30	290981.752
	47	2187512.817	2387.266	2.0389	0.0016	88.470	0.0286	00	290966.623	30	290951.489
	48	2189357.114	2388.948	2.0398	0.0016	88.419	0.0286	00	290936.348	30	290921.201
	49	2191201.414	2390.629	2.0407	0.0016	88.367	0.0285	00	290906.047	30	290890.888
19	50	2193045.718	2392.309	2.0416	0.0016	88.315	0.0285	00	290875.723	30	290860.551
	51	2194890.025	2393.989	2.0425	0.0016	88.263	0.0284	00	290845.373	30	290830.190
	52	2196734.335	2395.667	2.0434	0.0016	88.211	0.0283	00	290815.000	30	290799.804
	53	2198578.649	2397.345	2.0443	0.0016	88.160	0.0283	00	290784.601	30	290769.393
	54	2200422.967	2399.022	2.0452	0.0016	88.108	0.0282	00	290754.179	30	290738.958
19	55	2202267.287	2400.699	2.0461	0.0016	88.056	0.0282	00	290723.731	30	290708.498
	56	2204111.612	2402.374	2.0470	0.0016	88.004	0.0281	00	290693.259	30	290678.014
	57	2205955.939	2404.049	2.0479	0.0016	87.952	0.0280	00	290662.763	30	290647.506
	58	2207800.271	2405.723	2.0487	0.0016	87.900	0.0280	00	290632.242	30	290616.972
	59	2209644.605	2407.396	2.0496	0.0016	87.848	0.0279	00	290601.697	30	290586.415
20	00	2211488.943	2409.068	2.0505	0.0016	87.796	0.0279	00	290571.127	30	290555.833

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
20	0	2211488.943	2409.068	2.0505	0.0016	87.796	0.0279	00	290571.127	30	290555.833
	1	2213333.285	2410.739	2.0514	0.0016	87.744	0.0278	00	290540.533	30	290525.226
	2	2215177.630	2412.410	2.0523	0.0016	87.692	0.0277	00	290509.914	30	290494.595
	3	2217021.978	2414.079	2.0532	0.0016	87.640	0.0277	00	290479.270	30	290463.939
	4	2218866.330	2415.748	2.0540	0.0016	87.587	0.0276	00	290448.602	30	290433.259
20	5	2220710.686	2417.417	2.0549	0.0016	87.535	0.0276	00	290417.910	30	290402.555
	6	2222555.045	2419.084	2.0558	0.0016	87.483	0.0275	00	290387.193	30	290371.826
	7	2224399.407	2420.750	2.0567	0.0016	87.431	0.0274	00	290356.452	30	290341.072
	8	2226243.773	2422.416	2.0575	0.0016	87.378	0.0274	00	290325.686	30	290310.294
	9	2228088.143	2424.081	2.0584	0.0016	87.326	0.0273	00	290294.896	30	290279.492
20	10	2229932.515	2425.745	2.0593	0.0016	87.274	0.0273	00	290264.081	30	290248.665
	11	2231776.892	2427.408	2.0601	0.0016	87.221	0.0272	00	290233.242	30	290217.813
	12	2233621.272	2429.071	2.0610	0.0016	87.169	0.0271	00	290202.378	30	290186.937
	13	2235465.655	2430.732	2.0619	0.0016	87.117	0.0271	00	290171.490	30	290156.037
	14	2237310.042	2432.393	2.0627	0.0016	87.064	0.0270	00	290140.578	30	290125.112
20	15	2239154.432	2434.053	2.0636	0.0016	87.012	0.0270	00	290109.640	30	290094.163
	16	2240998.826	2435.712	2.0644	0.0016	86.959	0.0269	00	290078.679	30	290063.189
	17	2242843.223	2437.370	2.0653	0.0016	86.907	0.0268	00	290047.693	30	290032.191
	18	2244687.624	2439.028	2.0661	0.0016	86.854	0.0268	00	290016.682	30	290001.168
	19	2246532.029	2440.685	2.0670	0.0016	86.802	0.0267	00	289985.647	30	289970.121
20	20	2248376.437	2442.341	2.0678	0.0016	86.749	0.0267	00	289954.588	30	289939.049
	21	2250220.848	2443.996	2.0687	0.0016	86.696	0.0266	00	289923.504	30	289907.953
	22	2252065.263	2445.650	2.0695	0.0016	86.644	0.0265	00	289892.396	30	289876.833
	23	2253909.681	2447.303	2.0704	0.0016	86.591	0.0265	00	289861.263	30	289845.688
	24	2255754.103	2448.956	2.0712	0.0016	86.538	0.0264	00	289830.106	30	289814.518
20	25	2257598.529	2450.607	2.0720	0.0016	86.486	0.0264	00	289798.925	30	289783.325
	26	2259442.958	2452.258	2.0729	0.0016	86.433	0.0263	00	289767.719	30	289752.106
	27	2261287.390	2453.908	2.0737	0.0016	86.380	0.0262	00	289736.488	30	289720.864
	28	2263131.826	2455.558	2.0746	0.0016	86.327	0.0262	00	289705.233	30	289689.597
	29	2264976.266	2457.206	2.0754	0.0016	86.274	0.0261	00	289673.954	30	289658.305
20	30	2266820.709	2458.854	2.0762	0.0016	86.222	0.0261	00	289642.650	30	289626.989
	31	2268665.156	2460.500	2.0770	0.0016	86.169	0.0260	00	289611.322	30	289595.649
	32	2270509.606	2462.146	2.0779	0.0016	86.116	0.0259	00	289579.969	30	289564.284
	33	2272354.060	2463.791	2.0787	0.0016	86.063	0.0259	00	289548.592	30	289532.895
	34	2274198.517	2465.436	2.0795	0.0016	86.010	0.0258	00	289517.191	30	289501.481
20	35	2276042.978	2467.079	2.0803	0.0016	85.957	0.0258	00	289485.765	30	289470.043
	36	2277887.442	2468.722	2.0812	0.0016	85.904	0.0257	00	289454.315	30	289438.580
	37	2279731.910	2470.364	2.0820	0.0016	85.851	0.0256	00	289422.840	30	289407.094
	38	2281576.382	2472.004	2.0828	0.0016	85.798	0.0256	00	289391.341	30	289375.582
	39	2283420.857	2473.645	2.0836	0.0016	85.745	0.0255	00	289359.817	30	289344.047
20	40	2285265.335	2475.284	2.0844	0.0016	85.691	0.0255	00	289328.270	30	289312.486
	41	2287109.817	2476.922	2.0852	0.0016	85.638	0.0254	00	289296.697	30	289280.902
	42	2288954.303	2478.560	2.0860	0.0016	85.585	0.0253	00	289265.101	30	289249.293
	43	2290798.792	2480.197	2.0868	0.0016	85.532	0.0253	00	289233.480	30	289217.660
	44	2292643.285	2481.833	2.0877	0.0016	85.479	0.0252	00	289201.834	30	289186.002
20	45	2294487.782	2483.468	2.0885	0.0016	85.425	0.0251	00	289170.164	30	289154.320
	46	2296332.282	2485.102	2.0893	0.0016	85.372	0.0251	00	289138.470	30	289122.614
	47	2298176.785	2486.735	2.0901	0.0016	85.319	0.0250	00	289106.751	30	289090.883
	48	2300021.292	2488.368	2.0909	0.0016	85.265	0.0250	00	289075.008	30	289059.128
	49	2301865.803	2490.000	2.0917	0.0016	85.212	0.0249	00	289043.241	30	289027.348
20	50	2303710.318	2491.631	2.0924	0.0016	85.159	0.0248	00	289011.449	30	288995.544
	51	2305554.835	2493.261	2.0932	0.0016	85.105	0.0248	00	288979.633	30	288963.716
	52	2307399.357	2494.890	2.0940	0.0016	85.052	0.0247	00	288947.793	30	288931.863
	53	2309243.882	2496.518	2.0948	0.0016	84.998	0.0247	00	288915.928	30	288899.986
	54	2311088.411	2498.146	2.0956	0.0016	84.945	0.0246	00	288884.038	30	288868.085
20	55	2312932.943	2499.773	2.0964	0.0016	84.891	0.0245	00	288852.125	30	288836.159
	56	2314777.479	2501.398	2.0972	0.0016	84.838	0.0245	00	288820.187	30	288804.209
	57	2316622.018	2503.023	2.0980	0.0016	84.784	0.0244	00	288788.225	30	288772.234
	58	2318466.561	2504.648	2.0987	0.0016	84.730	0.0244	00	288756.238	30	288740.235
	59	2320311.108	2506.271	2.0995	0.0016	84.677	0.0243	00	288724.227	30	288708.212
21	00	2322155.658	2507.893	2.1003	0.0016	84.623	0.0242	00	288692.191	30	288676.165

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
21	0	2322155.658	2507.893	2.1003	0.0016	84.623	0.0242	00	288692.191	30	288676.165
	1	2324000.212	2509.515	2.1011	0.0016	84.569	0.0242	00	288660.132	30	288644.093
	2	2325844.770	2511.136	2.1018	0.0016	84.516	0.0241	00	288628.048	30	288611.996
	3	2327689.331	2512.756	2.1026	0.0016	84.462	0.0241	00	288595.939	30	288579.876
	4	2329533.896	2514.375	2.1034	0.0016	84.408	0.0240	00	288563.806	30	288547.731
21	5	2331378.464	2515.993	2.1041	0.0016	84.354	0.0239	00	288531.649	30	288515.562
	6	2333223.036	2517.610	2.1049	0.0016	84.301	0.0239	00	288499.468	30	288483.368
	7	2335067.612	2519.227	2.1057	0.0016	84.247	0.0238	00	288467.262	30	288451.150
	8	2336912.191	2520.843	2.1064	0.0016	84.193	0.0238	00	288435.032	30	288418.908
	9	2338756.774	2522.458	2.1072	0.0016	84.139	0.0237	00	288402.778	30	288386.641
21	10	2340601.360	2524.072	2.1079	0.0016	84.085	0.0236	00	288370.499	30	288354.350
	11	2342445.950	2525.685	2.1087	0.0016	84.031	0.0236	00	288338.196	30	288322.035
	12	2344290.544	2527.297	2.1094	0.0016	83.977	0.0235	00	288305.868	30	288289.696
	13	2346135.141	2528.908	2.1102	0.0016	83.923	0.0235	00	288273.517	30	288257.332
	14	2347979.742	2530.519	2.1109	0.0016	83.869	0.0234	00	288241.141	30	288224.944
21	15	2349824.347	2532.129	2.1117	0.0016	83.815	0.0233	00	288208.740	30	288192.531
	16	2351668.955	2533.738	2.1124	0.0016	83.761	0.0233	00	288176.316	30	288160.094
	17	2353513.567	2535.346	2.1132	0.0016	83.707	0.0232	00	288143.867	30	288127.633
	18	2355358.183	2536.953	2.1139	0.0016	83.653	0.0232	00	288111.394	30	288095.148
	19	2357202.802	2538.559	2.1147	0.0016	83.599	0.0231	00	288078.896	30	288062.638
21	20	2359047.425	2540.165	2.1154	0.0016	83.544	0.0230	00	288046.374	30	288030.104
	21	2360892.051	2541.769	2.1161	0.0016	83.490	0.0230	00	288013.828	30	287997.546
	22	2362736.682	2543.373	2.1169	0.0016	83.436	0.0229	00	287981.258	30	287964.963
	23	2364581.315	2544.976	2.1176	0.0016	83.382	0.0229	00	287948.663	30	287932.356
	24	2366425.953	2545.578	2.1183	0.0016	83.327	0.0228	00	287916.044	30	287899.725
21	25	2368270.594	2548.179	2.1191	0.0016	83.273	0.0227	00	287883.400	30	287867.070
	26	2370115.239	2549.779	2.1198	0.0016	83.219	0.0227	00	287850.733	30	287834.390
	27	2371959.888	2551.379	2.1205	0.0016	83.164	0.0226	00	287818.041	30	287801.686
	28	2373804.540	2552.977	2.1213	0.0016	83.110	0.0226	00	287785.325	30	287768.958
	29	2375649.196	2554.575	2.1220	0.0016	83.056	0.0225	00	287752.584	30	287736.205
21	30	2377493.855	2556.172	2.1227	0.0016	83.001	0.0224	00	287719.820	30	287703.428
	31	2379338.518	2557.768	2.1234	0.0016	82.947	0.0224	00	287687.031	30	287670.627
	32	2381183.185	2559.363	2.1241	0.0016	82.892	0.0223	00	287654.218	30	287637.802
	33	2383027.856	2560.957	2.1248	0.0016	82.838	0.0223	00	287621.380	30	287604.952
	34	2384872.530	2562.551	2.1256	0.0016	82.783	0.0222	00	287588.518	30	287572.078
21	35	2386717.208	2564.143	2.1263	0.0016	82.729	0.0221	00	287555.632	30	287539.180
	36	2388561.890	2565.735	2.1270	0.0016	82.674	0.0221	00	287522.722	30	287506.258
	37	2390406.575	2567.326	2.1277	0.0016	82.620	0.0220	00	287489.787	30	287473.311
	38	2392251.264	2568.916	2.1284	0.0016	82.565	0.0220	00	287456.829	30	287440.340
	39	2394095.957	2570.505	2.1291	0.0016	82.510	0.0219	00	287423.846	30	287407.345
21	40	2395940.653	2572.093	2.1298	0.0016	82.456	0.0218	00	287390.838	30	287374.326
	41	2397785.354	2573.681	2.1305	0.0016	82.401	0.0218	00	287357.807	30	287341.282
	42	2399630.057	2575.267	2.1312	0.0016	82.346	0.0217	00	287324.751	30	287308.214
	43	2401474.765	2575.853	2.1319	0.0016	82.291	0.0217	00	287291.671	30	287275.122
	44	2403319.476	2578.438	2.1326	0.0016	82.237	0.0216	00	287258.567	30	287242.006
21	45	2405164.191	2580.021	2.1333	0.0016	82.182	0.0215	00	287225.438	30	287208.865
	46	2407008.910	2581.604	2.1340	0.0016	82.127	0.0215	00	287192.286	30	287175.700
	47	2408853.632	2583.187	2.1347	0.0016	82.072	0.0214	00	287159.109	30	287142.511
	48	2410698.358	2584.768	2.1353	0.0016	82.017	0.0214	00	287125.908	30	287109.298
	49	2412543.088	2586.348	2.1360	0.0016	81.963	0.0213	00	287092.682	30	287076.060
21	50	2414387.822	2587.928	2.1367	0.0016	81.908	0.0212	00	287059.433	30	287042.799
	51	2416232.559	2589.506	2.1374	0.0016	81.853	0.0212	00	287026.159	30	287009.513
	52	2418077.300	2591.084	2.1381	0.0016	81.798	0.0211	00	286992.861	30	286976.203
	53	2419922.045	2592.661	2.1387	0.0016	81.743	0.0211	00	286959.539	30	286942.868
	54	2421766.793	2594.237	2.1394	0.0016	81.688	0.0210	00	286926.192	30	286909.510
21	55	2423611.545	2595.812	2.1401	0.0016	81.633	0.0209	00	286892.822	30	286876.127
	56	2425456.301	2597.387	2.1408	0.0016	81.578	0.0209	00	286859.427	30	286842.720
	57	2427301.061	2598.960	2.1414	0.0016	81.523	0.0208	00	286826.008	30	286809.289
	58	2429145.824	2600.533	2.1421	0.0016	81.467	0.0207	00	286792.564	30	286775.834
	59	2430990.591	2602.104	2.1428	0.0016	81.412	0.0207	00	286759.097	30	286742.354
22	00	2432835.362	2603.675	2.1434	0.0016	81.357	0.0206	00	286725.605	30	286708.850

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
22	0	2432835.362	2603.675	2.1434	0.0016	81.357	0.0206	00	286725.605	30	286708.850
	1	2434680.137	2605.245	2.1441	0.0016	81.302	0.0206	00	286692.089	30	286675.323
	2	2436524.915	2605.814	2.1448	0.0016	81.247	0.0205	00	286658.549	30	286641.770
	3	2438369.697	2608.382	2.1454	0.0016	81.192	0.0204	00	286624.985	30	286608.194
	4	2440214.483	2609.949	2.1461	0.0016	81.136	0.0204	00	286591.397	30	286574.594
22	5	2442059.273	2611.516	2.1467	0.0016	81.081	0.0203	00	286557.784	30	286540.969
	6	2443904.066	2613.081	2.1474	0.0016	81.026	0.0203	00	286524.148	30	286507.320
	7	2445748.864	2614.646	2.1480	0.0016	80.970	0.0202	00	286490.487	30	286473.647
	8	2447593.665	2616.210	2.1487	0.0016	80.915	0.0201	00	286456.802	30	286439.950
	9	2449438.469	2617.772	2.1493	0.0016	80.860	0.0201	00	286423.092	30	286406.229
22	10	2451283.278	2619.334	2.1500	0.0016	80.804	0.0200	00	286389.359	30	286372.483
	11	2453128.090	2620.895	2.1506	0.0016	80.749	0.0200	00	286355.601	30	286338.714
	12	2454972.906	2622.456	2.1513	0.0016	80.694	0.0199	00	286321.820	30	286304.920
	13	2456817.726	2624.015	2.1519	0.0016	80.638	0.0198	00	286288.014	30	286271.102
	14	2458662.549	2625.573	2.1525	0.0016	80.583	0.0198	00	286254.184	30	286237.260
22	15	2460507.377	2627.131	2.1532	0.0016	80.527	0.0197	00	286220.330	30	286203.393
	16	2462352.208	2628.688	2.1538	0.0016	80.472	0.0197	00	286186.451	30	286169.503
	17	2464197.043	2630.243	2.1545	0.0016	80.416	0.0196	00	286152.549	30	286135.588
	18	2466041.881	2631.798	2.1551	0.0016	80.360	0.0195	00	286118.622	30	286101.650
	19	2467886.724	2633.352	2.1557	0.0016	80.305	0.0195	00	286084.671	30	286067.687
22	20	2469731.570	2634.905	2.1563	0.0016	80.249	0.0194	00	286050.696	30	286033.700
	21	2471576.420	2636.458	2.1570	0.0016	80.194	0.0194	00	286016.697	30	285999.689
	22	2473421.274	2638.009	2.1576	0.0016	80.138	0.0193	00	285982.674	30	285965.653
	23	2475266.131	2639.559	2.1582	0.0016	80.082	0.0192	00	285948.627	30	285931.594
	24	2477110.993	2641.109	2.1588	0.0016	80.027	0.0192	00	285914.555	30	285897.511
22	25	2478955.858	2642.658	2.1594	0.0016	79.971	0.0191	00	285880.460	30	285863.403
	26	2480800.727	2644.205	2.1601	0.0016	79.915	0.0191	00	285846.340	30	285829.271
	27	2482645.600	2645.752	2.1607	0.0016	79.859	0.0190	00	285812.196	30	285795.115
	28	2484490.477	2647.298	2.1613	0.0016	79.803	0.0189	00	285778.028	30	285760.935
	29	2486335.357	2648.843	2.1619	0.0016	79.748	0.0189	00	285743.836	30	285726.731
22	30	2488180.241	2650.388	2.1625	0.0015	79.692	0.0188	00	285709.620	30	285692.503
	31	2490025.130	2651.931	2.1631	0.0015	79.636	0.0188	00	285675.380	30	285658.251
	32	2491870.021	2653.473	2.1637	0.0015	79.580	0.0187	00	285641.116	30	285623.974
	33	2493714.917	2655.015	2.1643	0.0015	79.524	0.0186	00	285606.827	30	285589.674
	34	2495559.817	2656.556	2.1649	0.0015	79.468	0.0186	00	285572.515	30	285555.349
22	35	2497404.720	2658.095	2.1655	0.0015	79.412	0.0185	00	285538.178	30	285521.000
	36	2499249.627	2659.634	2.1661	0.0015	79.356	0.0185	00	285503.817	30	285486.628
	37	2501094.538	2661.172	2.1667	0.0015	79.300	0.0184	00	285469.432	30	285452.231
	38	2502939.453	2662.709	2.1673	0.0015	79.244	0.0183	00	285435.023	30	285417.810
	39	2504784.372	2664.245	2.1679	0.0015	79.188	0.0183	00	285400.590	30	285383.365
22	40	2506629.294	2665.780	2.1685	0.0015	79.132	0.0182	00	285366.133	30	285348.896
	41	2508474.221	2667.315	2.1691	0.0015	79.076	0.0182	00	285331.652	30	285314.402
	42	2510319.151	2668.848	2.1697	0.0015	79.020	0.0181	00	285297.147	30	285279.885
	43	2512164.085	2670.381	2.1703	0.0015	78.964	0.0180	00	285262.617	30	285245.344
	44	2514009.023	2671.912	2.1708	0.0015	78.908	0.0180	00	285228.064	30	285210.778
22	45	2515853.965	2673.443	2.1714	0.0015	78.851	0.0179	00	285193.487	30	285176.189
	46	2517698.910	2674.973	2.1720	0.0015	78.795	0.0179	00	285158.885	30	285141.575
	47	2519543.860	2676.502	2.1726	0.0015	78.739	0.0178	00	285124.259	30	285106.938
	48	2521388.813	2678.030	2.1731	0.0015	78.683	0.0177	00	285089.610	30	285072.276
	49	2523233.770	2679.557	2.1737	0.0015	78.627	0.0177	00	285054.936	30	285037.590
22	50	2525078.731	2681.083	2.1743	0.0015	78.570	0.0176	00	285020.238	30	285002.880
	51	2526923.696	2682.609	2.1749	0.0015	78.514	0.0176	00	284985.516	30	284968.146
	52	2528768.664	2684.133	2.1754	0.0015	78.458	0.0175	00	284950.770	30	284933.388
	53	2530613.637	2685.657	2.1760	0.0015	78.401	0.0174	00	284916.001	30	284898.607
	54	2532458.613	2687.179	2.1766	0.0015	78.345	0.0174	00	284881.207	30	284863.801
22	55	2534303.594	2688.701	2.1771	0.0015	78.289	0.0173	00	284846.389	30	284828.970
	56	2536148.578	2690.222	2.1777	0.0015	78.232	0.0173	00	284811.546	30	284794.116
	57	2537993.566	2691.742	2.1782	0.0015	78.176	0.0172	00	284776.680	30	284759.238
	58	2539838.558	2693.261	2.1788	0.0015	78.119	0.0171	00	284741.790	30	284724.336
	59	2541683.554	2694.779	2.1794	0.0015	78.063	0.0171	00	284706.876	30	284689.410
23	00	2543528.553	2696.296	2.1799	0.0015	78.006	0.0170	00	284671.938	30	284654.460

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
23	0	2543528.553	2696.296	2.1799	0.0015	78.006	0.0170	00	284671.938	30	284654.460
	1	2545373.557	2697.812	2.1805	0.0015	77.950	0.0170	00	284636.976	30	284619.486
	2	2547218.564	2699.327	2.1810	0.0015	77.893	0.0169	00	284601.989	30	284584.487
	3	2549063.576	2700.842	2.1816	0.0015	77.837	0.0168	00	284566.979	30	284549.465
	4	2550908.591	2702.355	2.1821	0.0015	77.780	0.0168	00	284531.945	30	284514.419
23	5	2552753.610	2703.868	2.1826	0.0015	77.723	0.0167	00	284496.887	30	284479.349
	6	2554598.633	2705.380	2.1832	0.0015	77.667	0.0167	00	284461.804	30	284444.254
	7	2556443.660	2706.890	2.1837	0.0015	77.610	0.0166	00	284426.698	30	284409.136
	8	2558288.691	2708.400	2.1843	0.0015	77.553	0.0165	00	284391.568	30	284373.994
	9	2560133.725	2709.909	2.1848	0.0015	77.497	0.0165	00	284356.413	30	284338.827
23	10	2561978.764	2711.417	2.1853	0.0015	77.440	0.0164	00	284321.235	30	284303.637
	11	2563823.806	2712.925	2.1859	0.0015	77.383	0.0164	00	284286.033	30	284268.423
	12	2565668.853	2714.431	2.1864	0.0015	77.327	0.0163	00	284250.807	30	284233.184
	13	2567513.903	2715.936	2.1869	0.0015	77.270	0.0162	00	284215.556	30	284197.922
	14	2569358.957	2717.440	2.1874	0.0015	77.213	0.0162	00	284180.282	30	284162.636
23	15	2571204.015	2718.944	2.1880	0.0015	77.156	0.0161	00	284144.984	30	284127.326
	16	2573049.077	2720.446	2.1885	0.0015	77.099	0.0161	00	284109.662	30	284091.991
	17	2574894.143	2721.948	2.1890	0.0015	77.042	0.0160	00	284074.315	30	284056.633
	18	2576739.213	2723.449	2.1895	0.0015	76.986	0.0160	00	284038.945	30	284021.251
	19	2578584.287	2724.949	2.1900	0.0015	76.929	0.0159	00	284003.551	30	283985.845
23	20	2580429.365	2726.447	2.1906	0.0015	76.872	0.0158	00	283968.133	30	283950.415
	21	2582274.446	2727.945	2.1911	0.0015	76.815	0.0158	00	283932.691	30	283914.961
	22	2584119.532	2729.442	2.1916	0.0015	76.758	0.0157	00	283897.225	30	283879.483
	23	2585964.621	2730.939	2.1921	0.0015	76.701	0.0157	00	283861.735	30	283843.981
	24	2587809.715	2732.434	2.1926	0.0015	76.644	0.0156	00	283826.221	30	283808.455
23	25	2589654.812	2733.928	2.1931	0.0015	76.587	0.0155	00	283790.683	30	283772.905
	26	2591499.913	2735.421	2.1936	0.0015	76.530	0.0155	00	283755.121	30	283737.331
	27	2593345.019	2736.914	2.1941	0.0015	76.473	0.0154	00	283719.535	30	283701.733
	28	2595190.128	2738.405	2.1946	0.0015	76.416	0.0154	00	283683.925	30	283666.111
	29	2597035.241	2739.896	2.1951	0.0015	76.358	0.0153	00	283648.291	30	283630.466
23	30	2598880.358	2741.386	2.1956	0.0015	76.301	0.0152	00	283612.634	30	283594.796
	31	2600725.479	2742.874	2.1961	0.0015	76.244	0.0152	00	283576.952	30	283559.102
	32	2602570.604	2744.362	2.1966	0.0015	76.187	0.0151	00	283541.247	30	283523.385
	33	2604415.733	2745.849	2.1971	0.0015	76.130	0.0151	00	283505.517	30	283487.643
	34	2606260.866	2747.335	2.1976	0.0015	76.073	0.0150	00	283469.764	30	283451.878
23	35	2608106.002	2748.820	2.1981	0.0015	76.015	0.0149	00	283433.986	30	283416.089
	36	2609951.143	2750.304	2.1986	0.0015	75.958	0.0149	00	283398.185	30	283380.275
	37	2611796.288	2751.787	2.1990	0.0015	75.901	0.0148	00	283362.360	30	283344.438
	38	2613641.436	2753.270	2.1995	0.0015	75.844	0.0148	00	283326.511	30	283308.577
	39	2615486.589	2754.751	2.2000	0.0015	75.786	0.0147	00	283290.638	30	283272.692
23	40	2617331.746	2756.231	2.2005	0.0015	75.729	0.0146	00	283254.741	30	283236.783
	41	2619176.906	2757.711	2.2010	0.0015	75.672	0.0146	00	283218.820	30	283200.850
	42	2621022.071	2759.189	2.2014	0.0015	75.614	0.0145	00	283182.875	30	283164.894
	43	2622867.239	2760.667	2.2019	0.0015	75.557	0.0145	00	283146.906	30	283128.913
	44	2624712.412	2762.144	2.2024	0.0015	75.499	0.0144	00	283110.914	30	283092.909
23	45	2626557.588	2763.619	2.2028	0.0015	75.442	0.0143	00	283074.897	30	283056.880
	46	2628402.769	2765.094	2.2033	0.0015	75.385	0.0143	00	283038.857	30	283020.828
	47	2630247.953	2766.568	2.2038	0.0015	75.327	0.0142	00	283002.793	30	282984.752
	48	2632093.141	2768.041	2.2042	0.0015	75.270	0.0142	00	282966.705	30	282948.651
	49	2633938.334	2769.513	2.2047	0.0015	75.212	0.0141	00	282930.592	30	282912.528
23	50	2635783.530	2770.984	2.2052	0.0015	75.155	0.0140	00	282894.457	30	282876.380
	51	2637628.731	2772.454	2.2056	0.0015	75.097	0.0140	00	282858.297	30	282840.208
	52	2639473.935	2773.923	2.2061	0.0015	75.040	0.0139	00	282822.113	30	282804.012
	53	2641319.143	2775.392	2.2065	0.0015	74.982	0.0139	00	282785.906	30	282767.793
	54	2643164.356	2776.859	2.2070	0.0015	74.924	0.0138	00	282749.674	30	282731.549
23	55	2645009.572	2778.325	2.2074	0.0015	74.867	0.0138	00	282713.419	30	282695.282
	56	2646854.792	2779.791	2.2079	0.0015	74.809	0.0137	00	282677.140	30	282658.991
	57	2648700.017	2781.255	2.2083	0.0015	74.751	0.0136	00	282640.837	30	282622.676
	58	2650545.245	2782.719	2.2088	0.0015	74.694	0.0136	00	282604.510	30	282586.337
	59	2652390.477	2784.181	2.2092	0.0015	74.636	0.0135	00	282568.159	30	282549.975
24	00	2654235.714	2785.643	2.2096	0.0015	74.578	0.0135	00	282531.784	30	282513.588

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
24	0	2654235.714	2785.643	2.2096	0.0015	74.578	0.0135	00	282531.784	30	282513.588
	1	2656080.954	2787.104	2.2101	0.0015	74.521	0.0134	00	282495.386	30	282477.178
	2	2657926.198	2788.564	2.2105	0.0015	74.463	0.0133	00	282458.964	30	282440.743
	3	2659771.447	2790.023	2.2110	0.0015	74.405	0.0133	00	282422.517	30	282404.285
	4	2661616.699	2791.481	2.2114	0.0015	74.347	0.0132	00	282386.047	30	282367.804
24	5	2663461.956	2792.938	2.2118	0.0015	74.289	0.0132	00	282349.554	30	282331.298
	6	2665307.216	2794.394	2.2122	0.0015	74.232	0.0131	00	282313.036	30	282294.768
	7	2667152.481	2795.849	2.2127	0.0015	74.174	0.0130	00	282276.494	30	282258.215
	8	2668997.749	2797.303	2.2131	0.0015	74.116	0.0130	00	282239.929	30	282221.637
	9	2670843.022	2798.756	2.2135	0.0015	74.058	0.0129	00	282203.340	30	282185.036
24	10	2672688.298	2800.208	2.2139	0.0015	74.000	0.0129	00	282166.727	30	282148.412
	11	2674533.579	2801.660	2.2144	0.0015	73.942	0.0128	00	282130.090	30	282111.763
	12	2676378.863	2803.110	2.2148	0.0015	73.884	0.0127	00	282093.429	30	282075.090
	13	2678224.152	2804.560	2.2152	0.0015	73.826	0.0127	00	282056.745	30	282038.394
	14	2680069.445	2806.008	2.2156	0.0015	73.768	0.0126	00	282020.037	30	282001.674
24	15	2681914.741	2807.456	2.2160	0.0015	73.710	0.0126	00	281983.305	30	281964.930
	16	2683760.042	2808.902	2.2164	0.0015	73.652	0.0125	00	281946.549	30	281928.162
	17	2685605.347	2810.348	2.2168	0.0015	73.594	0.0125	00	281909.769	30	281891.370
	18	2687450.656	2811.793	2.2172	0.0015	73.536	0.0124	00	281872.966	30	281854.555
	19	2689295.969	2813.236	2.2177	0.0015	73.478	0.0123	00	281836.138	30	281817.716
24	20	2691141.286	2814.679	2.2181	0.0015	73.420	0.0123	00	281799.287	30	281780.853
	21	2692986.607	2816.121	2.2185	0.0015	73.362	0.0122	00	281762.412	30	281743.966
	22	2694831.932	2817.562	2.2189	0.0015	73.304	0.0122	00	281725.514	30	281707.055
	23	2696677.261	2819.002	2.2193	0.0015	73.246	0.0121	00	281688.591	30	281670.121
	24	2698522.594	2820.441	2.2196	0.0015	73.188	0.0120	00	281651.645	30	281633.163
24	25	2700367.931	2821.879	2.2200	0.0015	73.129	0.0120	00	281614.675	30	281596.181
	26	2702213.273	2823.316	2.2204	0.0015	73.071	0.0119	00	281577.681	30	281559.175
	27	2704058.618	2824.752	2.2208	0.0015	73.013	0.0119	00	281540.664	30	281522.146
	28	2705903.967	2826.188	2.2212	0.0015	72.955	0.0118	00	281503.622	30	281485.093
	29	2707749.321	2827.622	2.2216	0.0015	72.896	0.0117	00	281466.557	30	281448.016
24	30	2709594.678	2829.055	2.2220	0.0015	72.838	0.0117	00	281429.468	30	281410.915
	31	2711440.040	2830.487	2.2224	0.0015	72.780	0.0116	00	281392.356	30	281373.790
	32	2713285.406	2831.919	2.2227	0.0015	72.722	0.0116	00	281355.219	30	281336.642
	33	2715130.776	2833.349	2.2231	0.0015	72.663	0.0115	00	281318.059	30	281299.470
	34	2716976.149	2834.779	2.2235	0.0015	72.605	0.0115	00	281280.875	30	281262.274
24	35	2718821.527	2836.207	2.2239	0.0015	72.547	0.0114	00	281243.668	30	281225.055
	36	2720666.909	2837.635	2.2242	0.0015	72.488	0.0113	00	281206.436	30	281187.811
	37	2722512.296	2839.061	2.2246	0.0015	72.430	0.0113	00	281169.181	30	281150.544
	38	2724357.686	2840.487	2.2250	0.0015	72.371	0.0112	00	281131.902	30	281113.254
	39	2726203.080	2841.912	2.2254	0.0015	72.313	0.0112	00	281094.599	30	281075.939
24	40	2728048.478	2843.335	2.2257	0.0015	72.255	0.0111	00	281057.273	30	281038.601
	41	2729893.881	2844.758	2.2261	0.0015	72.196	0.0110	00	281019.923	30	281001.239
	42	2731739.287	2846.180	2.2264	0.0015	72.138	0.0110	00	280982.549	30	280963.853
	43	2733584.698	2847.601	2.2268	0.0015	72.079	0.0109	00	280945.151	30	280926.444
	44	2735430.113	2849.021	2.2272	0.0015	72.021	0.0109	00	280907.730	30	280889.011
24	45	2737275.532	2850.440	2.2275	0.0015	71.962	0.0108	00	280870.285	30	280851.554
	46	2739120.955	2851.858	2.2279	0.0015	71.903	0.0108	00	280832.816	30	280814.073
	47	2740966.382	2853.275	2.2282	0.0015	71.845	0.0107	00	280795.324	30	280776.569
	48	2742811.813	2854.691	2.2286	0.0015	71.786	0.0106	00	280757.808	30	280739.041
	49	2744657.248	2856.106	2.2289	0.0015	71.728	0.0106	00	280720.268	30	280701.489
24	50	2746502.688	2857.520	2.2293	0.0015	71.669	0.0105	00	280682.704	30	280663.914
	51	2748348.131	2858.933	2.2296	0.0015	71.610	0.0105	00	280645.117	30	280626.315
	52	2750193.579	2860.345	2.2300	0.0015	71.552	0.0104	00	280607.506	30	280588.692
	53	2752039.031	2861.757	2.2303	0.0015	71.493	0.0103	00	280569.872	30	280551.045
	54	2753884.487	2863.167	2.2306	0.0015	71.434	0.0103	00	280532.213	30	280513.375
24	55	2755729.947	2864.576	2.2310	0.0015	71.376	0.0102	00	280494.531	30	280475.681
	56	2757575.411	2865.984	2.2313	0.0015	71.317	0.0102	00	280456.825	30	280437.964
	57	2759420.879	2867.392	2.2316	0.0015	71.258	0.0101	00	280419.096	30	280400.222
	58	2761266.351	2868.798	2.2320	0.0015	71.200	0.0101	00	280381.343	30	280362.457
	59	2763111.828	2870.204	2.2323	0.0015	71.141	0.0100	00	280343.566	30	280324.669
25	00	2764957.309	2871.608	2.2326	0.0015	71.082	0.0099	00	280305.766	30	280286.856

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
25	0	2764957.309	2871.608	2.2326	0.0015	71.082	0.0099	00	280305.766	30	280286.856
	1	2766802.793	2873.012	2.2330	0.0015	71.023	0.0099	00	280267.941	30	280249.020
	2	2768648.282	2874.414	2.2333	0.0015	70.964	0.0098	00	280230.094	30	280211.161
	3	2770493.775	2875.816	2.2336	0.0015	70.906	0.0098	00	280192.222	30	280173.278
	4	2772339.273	2877.216	2.2339	0.0015	70.847	0.0097	00	280154.327	30	280135.371
25	5	2774184.774	2878.616	2.2342	0.0015	70.788	0.0096	00	280116.408	30	280097.440
	6	2776030.279	2880.014	2.2346	0.0015	70.729	0.0096	00	280078.466	30	280059.486
	7	2777875.789	2881.412	2.2349	0.0015	70.670	0.0095	00	280040.500	30	280021.508
	8	2779721.303	2882.809	2.2352	0.0015	70.611	0.0095	00	280002.510	30	279983.506
	9	2781566.821	2884.205	2.2355	0.0015	70.552	0.0094	00	279964.496	30	279945.481
25	10	2783412.343	2885.599	2.2358	0.0015	70.493	0.0094	00	279926.459	30	279907.432
	11	2785257.869	2886.993	2.2361	0.0015	70.434	0.0093	00	279888.399	30	279869.360
	12	2787103.399	2888.386	2.2364	0.0015	70.375	0.0092	00	279850.314	30	279831.263
	13	2788948.934	2889.778	2.2367	0.0015	70.316	0.0092	00	279812.206	30	279793.144
	14	2790794.473	2891.169	2.2370	0.0015	70.257	0.0091	00	279774.075	30	279755.000
25	15	2792640.016	2892.558	2.2373	0.0015	70.198	0.0091	00	279735.920	30	279716.833
	16	2794485.563	2893.947	2.2376	0.0015	70.139	0.0090	00	279697.741	30	279678.642
	17	2796331.114	2895.335	2.2379	0.0015	70.080	0.0089	00	279659.538	30	279640.428
	18	2798176.669	2896.722	2.2382	0.0015	70.021	0.0089	00	279621.312	30	279602.190
	19	2800022.229	2898.108	2.2385	0.0015	69.962	0.0088	00	279583.062	30	279563.929
25	20	2801867.793	2899.493	2.2388	0.0015	69.903	0.0088	00	279544.789	30	279525.644
	21	2803713.360	2900.877	2.2391	0.0015	69.844	0.0087	00	279506.492	30	279487.335
	22	2805558.932	2902.260	2.2394	0.0015	69.784	0.0087	00	279468.172	30	279449.002
	23	2807404.509	2903.642	2.2397	0.0015	69.725	0.0086	00	279429.827	30	279410.647
	24	2809250.089	2905.023	2.2399	0.0015	69.666	0.0085	00	279391.460	30	279372.267
25	25	2811095.674	2906.403	2.2402	0.0015	69.607	0.0085	00	279353.068	30	279333.864
	26	2812941.263	2907.782	2.2405	0.0015	69.548	0.0084	00	279314.653	30	279295.437
	27	2814786.856	2909.161	2.2408	0.0015	69.489	0.0084	00	279276.215	30	279256.987
	28	2816632.453	2910.538	2.2411	0.0015	69.429	0.0083	00	279237.753	30	279218.513
	29	2818478.054	2911.914	2.2413	0.0015	69.370	0.0083	00	279199.267	30	279180.015
25	30	2820323.660	2913.289	2.2416	0.0015	69.311	0.0082	00	279160.758	30	279141.494
	31	2822169.269	2914.663	2.2419	0.0015	69.251	0.0081	00	279122.225	30	279102.950
	32	2824014.883	2916.037	2.2421	0.0015	69.192	0.0081	00	279083.668	30	279064.381
	33	2825860.502	2917.409	2.2424	0.0014	69.133	0.0080	00	279045.088	30	279025.789
	34	2827706.124	2918.780	2.2427	0.0014	69.073	0.0080	00	279006.485	30	278987.174
25	35	2829551.750	2920.150	2.2429	0.0014	69.014	0.0079	00	278967.858	30	278948.535
	36	2831397.381	2921.520	2.2432	0.0014	68.955	0.0079	00	278929.207	30	278909.873
	37	2833243.016	2922.888	2.2435	0.0014	68.895	0.0078	00	278890.533	30	278871.187
	38	2835088.655	2924.255	2.2437	0.0014	68.836	0.0077	00	278851.835	30	278832.477
	39	2836934.299	2925.622	2.2440	0.0014	68.777	0.0077	00	278813.113	30	278793.744
25	40	2838779.946	2926.987	2.2442	0.0014	68.717	0.0076	00	278774.368	30	278754.987
	41	2840625.598	2928.351	2.2445	0.0014	68.658	0.0076	00	278735.600	30	278716.207
	42	2842471.254	2929.715	2.2447	0.0014	68.598	0.0075	00	278696.808	30	278677.403
	43	2844316.914	2931.077	2.2450	0.0014	68.539	0.0075	00	278657.992	30	278638.575
	44	2846162.579	2932.438	2.2452	0.0014	68.479	0.0074	00	278619.153	30	278599.725
25	45	2848008.248	2933.799	2.2455	0.0014	68.420	0.0073	00	278580.290	30	278560.850
	46	2849853.921	2935.158	2.2457	0.0014	68.360	0.0073	00	278541.404	30	278521.952
	47	2851699.598	2936.517	2.2459	0.0014	68.301	0.0072	00	278502.494	30	278483.031
	48	2853545.279	2937.874	2.2462	0.0014	68.241	0.0072	00	278463.561	30	278444.086
	49	2855390.965	2939.230	2.2464	0.0014	68.182	0.0071	00	278424.604	30	278405.117
25	50	2857236.655	2940.586	2.2466	0.0014	68.122	0.0070	00	278385.624	30	278366.125
	51	2859082.349	2941.940	2.2469	0.0014	68.063	0.0070	00	278346.620	30	278327.109
	52	2860928.047	2943.294	2.2471	0.0014	68.003	0.0069	00	278307.593	30	278288.070
	53	2862773.749	2944.646	2.2473	0.0014	67.943	0.0069	00	278268.542	30	278249.008
	54	2864619.456	2945.998	2.2476	0.0014	67.884	0.0068	00	278229.468	30	278209.922
25	55	2866465.167	2947.348	2.2478	0.0014	67.824	0.0068	00	278190.370	30	278170.812
	56	2868310.883	2948.698	2.2480	0.0014	67.764	0.0067	00	278151.248	30	278131.679
	57	2870156.602	2950.046	2.2482	0.0014	67.705	0.0067	00	278112.104	30	278092.522
	58	2872002.326	2951.394	2.2485	0.0014	67.645	0.0066	00	278072.935	30	278053.342
	59	2873848.054	2952.740	2.2487	0.0014	67.585	0.0065	00	278033.743	30	278014.139
26	00	2875693.786	2954.086	2.2489	0.0014	67.526	0.0065	00	277994.528	30	277974.911

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
26	0	2875693.786	2954.086	2.2489	0.0014	67.526	0.0065	00	277994.528	30	277974.911
	1	2877539.523	2955.430	2.2491	0.0014	67.466	0.0064	00	277955.289	30	277935.661
	2	2879385.263	2956.774	2.2493	0.0014	67.406	0.0064	00	277916.027	30	277896.387
	3	2881231.008	2958.116	2.2495	0.0014	67.346	0.0063	00	277876.741	30	277857.089
	4	2883076.758	2959.458	2.2497	0.0014	67.287	0.0063	00	277837.432	30	277817.768
26	5	2884922.511	2960.798	2.2499	0.0014	67.227	0.0062	00	277798.099	30	277778.424
	6	2886768.269	2962.138	2.2501	0.0014	67.167	0.0061	00	277758.743	30	277739.056
	7	2888614.031	2963.476	2.2504	0.0014	67.107	0.0061	00	277719.363	30	277699.665
	8	2890459.798	2964.814	2.2506	0.0014	67.047	0.0060	00	277679.960	30	277660.250
	9	2892305.568	2966.150	2.2508	0.0014	66.987	0.0060	00	277640.533	30	277620.811
26	10	2894151.343	2967.486	2.2509	0.0014	66.928	0.0059	00	277601.083	30	277581.350
	11	2895997.122	2968.820	2.2511	0.0014	66.868	0.0059	00	277561.610	30	277541.864
	12	2897842.906	2970.154	2.2513	0.0014	66.808	0.0058	00	277522.113	30	277502.356
	13	2899688.693	2971.486	2.2515	0.0014	66.748	0.0057	00	277482.592	30	277462.823
	14	2901534.485	2972.818	2.2517	0.0014	66.688	0.0057	00	277443.049	30	277423.268
26	15	2903380.282	2974.148	2.2519	0.0014	66.628	0.0056	00	277403.481	30	277383.689
	16	2905226.082	2975.478	2.2521	0.0014	66.568	0.0056	00	277363.891	30	277344.086
	17	2907071.887	2976.806	2.2523	0.0014	66.508	0.0055	00	277324.276	30	277304.461
	18	2908917.696	2978.134	2.2525	0.0014	66.448	0.0055	00	277284.639	30	277264.811
	19	2910763.510	2979.460	2.2526	0.0014	66.388	0.0054	00	277244.978	30	277225.138
26	20	2912609.327	2980.786	2.2528	0.0014	66.328	0.0053	00	277205.293	30	277185.442
	21	2914455.149	2982.110	2.2530	0.0014	66.268	0.0053	00	277165.585	30	277145.723
	22	2916300.976	2983.434	2.2532	0.0014	66.208	0.0052	00	277125.854	30	277105.980
	23	2918146.806	2984.756	2.2533	0.0014	66.148	0.0052	00	277086.099	30	277066.213
	24	2919992.641	2986.078	2.2535	0.0014	66.088	0.0051	00	277046.321	30	277026.424
26	25	2921838.480	2987.398	2.2537	0.0014	66.028	0.0051	00	277006.520	30	276986.610
	26	2923684.324	2988.717	2.2539	0.0014	65.968	0.0050	00	276966.695	30	276946.774
	27	2925530.172	2990.036	2.2540	0.0014	65.908	0.0050	00	276926.847	30	276906.914
	28	2927376.024	2991.353	2.2542	0.0014	65.848	0.0049	00	276886.975	30	276867.030
	29	2929221.880	2992.670	2.2543	0.0014	65.788	0.0048	00	276847.080	30	276827.123
26	30	2931067.741	2993.985	2.2545	0.0014	65.728	0.0048	00	276807.161	30	276787.193
	31	2932913.606	2995.299	2.2547	0.0014	65.667	0.0047	00	276767.219	30	276747.239
	32	2934759.475	2996.613	2.2548	0.0014	65.607	0.0047	00	276727.254	30	276707.262
	33	2936605.349	2997.925	2.2550	0.0014	65.547	0.0046	00	276687.265	30	276667.262
	34	2938451.227	2999.237	2.2551	0.0014	65.487	0.0046	00	276647.253	30	276627.238
26	35	2940297.109	3000.547	2.2553	0.0014	65.427	0.0045	00	276607.218	30	276587.191
	36	2942142.996	3001.856	2.2554	0.0014	65.367	0.0044	00	276567.159	30	276547.121
	37	2943988.887	3003.165	2.2556	0.0014	65.306	0.0044	00	276527.077	30	276507.027
	38	2945834.782	3004.472	2.2557	0.0014	65.246	0.0043	00	276486.971	30	276466.910
	39	2947680.682	3005.778	2.2559	0.0014	65.186	0.0043	00	276446.842	30	276426.769
26	40	2949526.586	3007.083	2.2560	0.0014	65.126	0.0042	00	276406.690	30	276386.605
	41	2951372.494	3008.388	2.2562	0.0014	65.065	0.0042	00	276366.514	30	276346.418
	42	2953218.407	3009.691	2.2563	0.0014	65.005	0.0041	00	276326.315	30	276306.207
	43	2955064.324	3010.993	2.2564	0.0014	64.945	0.0041	00	276286.093	30	276265.973
	44	2956910.245	3012.294	2.2566	0.0014	64.884	0.0040	00	276245.847	30	276225.716
26	45	2958756.171	3013.595	2.2567	0.0014	64.824	0.0039	00	276205.578	30	276185.435
	46	2960602.101	3014.894	2.2568	0.0014	64.764	0.0039	00	276165.286	30	276145.131
	47	2962448.035	3016.192	2.2570	0.0014	64.703	0.0038	00	276124.970	30	276104.804
	48	2964293.973	3017.489	2.2571	0.0014	64.643	0.0038	00	276084.631	30	276064.453
	49	2966139.916	3018.785	2.2572	0.0014	64.583	0.0037	00	276044.269	30	276024.079
26	50	2967985.864	3020.080	2.2573	0.0014	64.522	0.0037	00	276003.883	30	275983.681
	51	2969831.815	3021.374	2.2574	0.0014	64.462	0.0036	00	275963.474	30	275943.261
	52	2971677.771	3022.667	2.2576	0.0014	64.401	0.0036	00	275923.042	30	275902.817
	53	2973523.732	3023.960	2.2577	0.0014	64.341	0.0035	00	275882.586	30	275862.349
	54	2975369.697	3025.251	2.2578	0.0014	64.281	0.0034	00	275842.107	30	275821.859
26	55	2977215.666	3026.541	2.2579	0.0014	64.220	0.0034	00	275801.605	30	275781.345
	56	2979061.639	3027.830	2.2580	0.0014	64.160	0.0033	00	275761.079	30	275740.808
	57	2980907.617	3029.118	2.2581	0.0014	64.099	0.0033	00	275720.530	30	275700.247
	58	2982753.599	3030.404	2.2582	0.0014	64.039	0.0032	00	275679.958	30	275659.663
	59	2984599.586	3031.690	2.2584	0.0014	63.978	0.0032	00	275639.362	30	275619.056
27	00	2986445.577	3032.975	2.2585	0.0014	63.918	0.0031	00	275598.744	30	275578.425

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
27	0	2986445.577	3032.975	2.2585	0.0014	63.918	0.0031	00	275598.744	30	275578.425
	1	2988291.572	3034.259	2.2586	0.0014	63.857	0.0031	00	275558.101	30	275537.772
	2	2990137.572	3035.542	2.2587	0.0014	63.797	0.0030	00	275517.436	30	275497.095
	3	2991983.576	3036.824	2.2588	0.0014	63.736	0.0029	00	275476.747	30	275456.394
	4	2993829.584	3038.105	2.2589	0.0014	63.676	0.0029	00	275436.035	30	275415.671
27	5	2995675.597	3039.384	2.2590	0.0014	63.615	0.0028	00	275395.300	30	275374.924
	6	2997521.614	3040.663	2.2591	0.0014	63.555	0.0028	00	275354.542	30	275334.154
	7	2999367.635	3041.941	2.2591	0.0014	63.494	0.0027	00	275313.760	30	275293.360
	8	3001213.661	3043.218	2.2592	0.0014	63.433	0.0027	00	275272.955	30	275252.544
	9	3003059.692	3044.493	2.2593	0.0014	63.373	0.0026	00	275232.127	30	275211.704
27	10	3004905.726	3045.768	2.2594	0.0014	63.312	0.0026	00	275191.275	30	275170.840
	11	3006751.765	3047.042	2.2595	0.0014	63.251	0.0025	00	275150.400	30	275129.954
	12	3008597.809	3048.314	2.2596	0.0014	63.191	0.0024	00	275109.502	30	275089.044
	13	3010443.857	3049.586	2.2597	0.0014	63.130	0.0024	00	275068.581	30	275048.111
	14	3012289.909	3050.856	2.2597	0.0014	63.069	0.0023	00	275027.636	30	275007.155
27	15	3014135.966	3052.126	2.2598	0.0014	63.009	0.0023	00	274986.668	30	274966.176
	16	3015982.027	3053.394	2.2599	0.0014	62.948	0.0022	00	274945.677	30	274925.173
	17	3017828.092	3054.662	2.2600	0.0014	62.887	0.0022	00	274904.663	30	274884.147
	18	3019674.162	3055.928	2.2600	0.0014	62.827	0.0021	00	274863.625	30	274843.098
	19	3021520.236	3057.193	2.2601	0.0014	62.766	0.0021	00	274822.564	30	274802.025
27	20	3023366.315	3058.458	2.2602	0.0014	62.705	0.0020	00	274781.480	30	274760.930
	21	3025212.398	3059.721	2.2602	0.0014	62.645	0.0020	00	274740.373	30	274719.811
	22	3027058.485	3060.983	2.2603	0.0014	62.584	0.0019	00	274699.243	30	274678.669
	23	3028904.577	3062.245	2.2604	0.0014	62.523	0.0018	00	274658.089	30	274637.503
	24	3030750.673	3063.505	2.2604	0.0014	62.462	0.0018	00	274616.912	30	274596.315
27	25	3032596.774	3064.764	2.2605	0.0014	62.401	0.0017	00	274575.712	30	274555.103
	26	3034442.879	3066.022	2.2605	0.0014	62.341	0.0017	00	274534.489	30	274513.868
	27	3036288.989	3067.279	2.2606	0.0014	62.280	0.0016	00	274493.242	30	274472.610
	28	3038135.103	3068.535	2.2607	0.0014	62.219	0.0016	00	274451.972	30	274431.329
	29	3039981.221	3069.790	2.2607	0.0014	62.158	0.0015	00	274410.679	30	274390.024
27	30	3041827.344	3071.044	2.2608	0.0014	62.097	0.0015	00	274369.363	30	274348.697
	31	3043673.471	3072.297	2.2608	0.0014	62.036	0.0014	00	274328.024	30	274307.346
	32	3045519.602	3073.549	2.2609	0.0013	61.976	0.0013	00	274286.661	30	274265.972
	33	3047365.738	3074.800	2.2609	0.0013	61.915	0.0013	00	274245.276	30	274224.574
	34	3049211.879	3076.050	2.2609	0.0013	61.854	0.0012	00	274203.867	30	274183.154
27	35	3051058.024	3077.299	2.2610	0.0013	61.793	0.0012	00	274162.435	30	274141.710
	36	3052904.173	3078.547	2.2610	0.0013	61.732	0.0011	00	274120.980	30	274100.243
	37	3054750.327	3079.793	2.2611	0.0013	61.671	0.0011	00	274079.501	30	274058.753
	38	3056596.485	3081.039	2.2611	0.0013	61.610	0.0010	00	274038.000	30	274017.240
	39	3058442.648	3082.284	2.2611	0.0013	61.549	0.0010	00	273996.475	30	273975.704
27	40	3060288.815	3083.527	2.2612	0.0013	61.488	0.0009	00	273954.927	30	273934.144
	41	3062134.986	3084.770	2.2612	0.0013	61.427	0.0009	00	273913.356	30	273892.562
	42	3063981.162	3086.011	2.2612	0.0013	61.366	0.0008	00	273871.762	30	273850.956
	43	3065827.343	3087.252	2.2612	0.0013	61.305	0.0008	00	273830.144	30	273809.327
	44	3067673.528	3088.491	2.2613	0.0013	61.244	0.0007	00	273788.504	30	273767.675
27	45	3069519.717	3089.730	2.2613	0.0013	61.183	0.0006	00	273746.840	30	273726.000
	46	3071365.911	3090.967	2.2613	0.0013	61.122	0.0006	00	273705.153	30	273684.301
	47	3073212.109	3092.203	2.2613	0.0013	61.061	0.0005	00	273663.443	30	273642.580
	48	3075058.312	3093.439	2.2613	0.0013	61.000	0.0005	00	273621.710	30	273600.835
	49	3076904.519	3094.673	2.2614	0.0013	60.939	0.0004	00	273579.954	30	273559.067
27	50	3078750.730	3095.906	2.2614	0.0013	60.878	0.0004	00	273538.175	30	273517.276
	51	3080596.946	3097.138	2.2614	0.0013	60.817	0.0003	00	273496.372	30	273475.462
	52	3082443.167	3098.369	2.2614	0.0013	60.756	0.0003	00	273454.547	30	273433.625
	53	3084289.392	3099.600	2.2614	0.0013	60.695	0.0002	00	273412.698	30	273391.765
	54	3086135.621	3100.829	2.2614	0.0013	60.634	0.0002	00	273370.826	30	273349.881
27	55	3087981.855	3102.057	2.2614	0.0013	60.573	0.0001	00	273328.931	30	273307.975
	56	3089828.094	3103.283	2.2614	0.0013	60.512	0.0001	00	273287.013	30	273266.045
	57	3091674.336	3104.509	2.2614	0.0013	60.451	-.0000	00	273245.072	30	273224.093
	58	3093520.584	3105.734	2.2614	0.0013	60.390	-.0001	00	273203.108	30	273182.117
	59	3095366.836	3106.958	2.2614	0.0013	60.328	-.0001	00	273161.120	30	273140.118
28	00	3097213.092	3108.181	2.2614	0.0013	60.267	-.0002	00	273119.110	30	273098.096

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
28	0	3097213.092	3108.181	2.2614	0.0013	60.267	-.0002	00	273119.110	30	273098.096
	1	3099059.353	3109.402	2.2614	0.0013	60.206	-.0002	00	273077.076	30	273056.051
	2	3100905.618	3110.623	2.2614	0.0013	60.145	-.0003	00	273035.020	30	273013.983
	3	3102751.888	3111.843	2.2614	0.0013	60.084	-.0003	00	272992.940	30	272971.891
	4	3104598.162	3113.061	2.2614	0.0013	60.023	-.0004	00	272950.837	30	272929.777
28	5	3106444.440	3114.279	2.2614	0.0013	59.961	-.0004	00	272908.711	30	272887.640
	6	3108290.724	3115.495	2.2613	0.0013	59.900	-.0005	00	272866.562	30	272845.479
	7	3110137.011	3116.710	2.2613	0.0013	59.839	-.0005	00	272824.390	30	272803.296
	8	3111983.303	3117.925	2.2613	0.0013	59.778	-.0006	00	272782.195	30	272761.089
	9	3113829.600	3119.138	2.2613	0.0013	59.717	-.0006	00	272739.977	30	272718.859
28	10	3115675.901	3120.350	2.2613	0.0013	59.655	-.0007	00	272697.736	30	272676.607
	11	3117522.207	3121.561	2.2612	0.0013	59.594	-.0008	00	272655.472	30	272634.331
	12	3119368.517	3122.771	2.2612	0.0013	59.533	-.0008	00	272613.184	30	272592.032
	13	3121214.831	3123.980	2.2612	0.0013	59.472	-.0009	00	272570.874	30	272549.710
	14	3123061.151	3125.188	2.2612	0.0013	59.410	-.0009	00	272528.541	30	272507.365
28	15	3124907.474	3126.395	2.2611	0.0013	59.349	-.0010	00	272486.184	30	272464.997
	16	3126753.802	3127.601	2.2611	0.0013	59.288	-.0010	00	272443.805	30	272422.606
	17	3128600.135	3128.806	2.2610	0.0013	59.226	-.0011	00	272401.402	30	272380.192
	18	3130446.472	3130.010	2.2610	0.0013	59.165	-.0011	00	272358.976	30	272337.755
	19	3132292.814	3131.213	2.2610	0.0013	59.104	-.0012	00	272316.528	30	272295.295
28	20	3134139.160	3132.414	2.2609	0.0013	59.043	-.0012	00	272274.056	30	272252.812
	21	3135985.510	3133.615	2.2609	0.0013	58.981	-.0013	00	272231.562	30	272210.306
	22	3137831.866	3134.815	2.2608	0.0013	58.920	-.0013	00	272189.044	30	272167.776
	23	3139678.225	3136.013	2.2608	0.0013	58.859	-.0014	00	272146.503	30	272125.224
	24	3141524.590	3137.210	2.2608	0.0013	58.797	-.0014	00	272103.940	30	272082.649
28	25	3143370.958	3138.407	2.2607	0.0013	58.736	-.0015	00	272061.353	30	272040.051
	26	3145217.332	3139.602	2.2606	0.0013	58.674	-.0015	00	272018.743	30	271997.430
	27	3147063.709	3140.796	2.2606	0.0013	58.613	-.0016	00	271976.110	30	271954.785
	28	3148910.092	3141.990	2.2605	0.0013	58.552	-.0017	00	271933.455	30	271912.118
	29	3150756.478	3143.182	2.2605	0.0013	58.490	-.0017	00	271890.776	30	271869.428
28	30	3152602.870	3144.373	2.2604	0.0013	58.429	-.0018	00	271848.074	30	271826.715
	31	3154449.266	3145.563	2.2604	0.0013	58.367	-.0018	00	271805.350	30	271783.979
	32	3156295.666	3146.752	2.2603	0.0013	58.306	-.0019	00	271762.602	30	271741.219
	33	3158142.071	3147.940	2.2602	0.0013	58.245	-.0019	00	271719.831	30	271698.437
	34	3159988.481	3149.127	2.2602	0.0013	58.183	-.0020	00	271677.038	30	271655.632
28	35	3161834.895	3150.312	2.2601	0.0013	58.122	-.0020	00	271634.221	30	271612.804
	36	3163681.313	3151.497	2.2600	0.0013	58.060	-.0021	00	271591.381	30	271569.953
	37	3165527.736	3152.681	2.2600	0.0013	57.999	-.0021	00	271548.519	30	271527.079
	38	3167374.164	3153.863	2.2599	0.0013	57.937	-.0022	00	271505.633	30	271484.182
	39	3169220.596	3155.045	2.2598	0.0013	57.876	-.0022	00	271462.725	30	271441.262
28	40	3171067.033	3156.225	2.2597	0.0013	57.814	-.0023	00	271419.793	30	271398.319
	41	3172913.474	3157.405	2.2597	0.0013	57.753	-.0023	00	271376.839	30	271355.353
	42	3174759.920	3158.583	2.2596	0.0013	57.691	-.0024	00	271333.862	30	271312.364
	43	3176606.370	3159.760	2.2595	0.0013	57.630	-.0024	00	271290.861	30	271269.353
	44	3178452.825	3160.936	2.2594	0.0013	57.568	-.0025	00	271247.838	30	271226.318
28	45	3180299.285	3162.111	2.2593	0.0013	57.507	-.0025	00	271204.792	30	271183.260
	46	3182145.749	3163.285	2.2592	0.0013	57.445	-.0026	00	271161.723	30	271140.180
	47	3183992.217	3164.458	2.2591	0.0013	57.384	-.0026	00	271118.631	30	271097.076
	48	3185838.691	3165.630	2.2591	0.0013	57.322	-.0027	00	271075.516	30	271053.950
	49	3187685.168	3166.801	2.2590	0.0013	57.261	-.0028	00	271032.378	30	271010.801
28	50	3189531.651	3167.971	2.2589	0.0013	57.199	-.0028	00	270989.217	30	270967.628
	51	3191378.138	3169.140	2.2588	0.0013	57.137	-.0029	00	270946.034	30	270924.433
	52	3193224.629	3170.307	2.2587	0.0013	57.076	-.0029	00	270902.827	30	270881.215
	53	3195071.125	3171.474	2.2586	0.0013	57.014	-.0030	00	270859.597	30	270837.974
	54	3196917.625	3172.639	2.2585	0.0013	56.953	-.0030	00	270816.345	30	270794.710
28	55	3198764.131	3173.804	2.2584	0.0013	56.891	-.0031	00	270773.070	30	270751.423
	56	3200610.640	3174.967	2.2583	0.0013	56.830	-.0031	00	270729.771	30	270708.114
	57	3202457.155	3176.129	2.2582	0.0013	56.768	-.0032	00	270686.450	30	270664.781
	58	3204303.673	3177.291	2.2580	0.0013	56.706	-.0032	00	270643.106	30	270621.425
	59	3206150.197	3178.451	2.2579	0.0013	56.645	-.0033	00	270599.739	30	270578.047
29	00	3207996.725	3179.610	2.2578	0.0013	56.583	-.0033	00	270556.349	30	270534.646

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
29	0	3207996.725	3179.610	2.2578	0.0013	56.583	-.0033	00	270556.349	30	270534.646
	1	3209843.257	3180.768	2.2577	0.0013	56.521	-.0034	00	270512.937	30	270491.222
	2	3211689.795	3181.925	2.2576	0.0013	56.460	-.0034	00	270469.501	30	270447.775
	3	3213536.336	3183.081	2.2575	0.0013	56.398	-.0035	00	270426.042	30	270404.305
	4	3215382.883	3184.235	2.2574	0.0013	56.336	-.0035	00	270382.561	30	270360.812
29	5	3217229.434	3185.389	2.2572	0.0013	56.275	-.0036	00	270339.057	30	270317.296
	6	3219075.989	3186.542	2.2571	0.0013	56.213	-.0036	00	270295.530	30	270273.758
	7	3220922.549	3187.693	2.2570	0.0013	56.151	-.0037	00	270251.980	30	270230.196
	8	3222769.114	3188.844	2.2569	0.0013	56.090	-.0037	00	270208.407	30	270186.612
	9	3224615.683	3189.993	2.2567	0.0013	56.028	-.0038	00	270164.811	30	270143.005
29	10	3226462.257	3191.141	2.2566	0.0012	55.966	-.0038	00	270121.193	30	270099.375
	11	3228308.836	3192.289	2.2565	0.0012	55.905	-.0039	00	270077.552	30	270055.722
	12	3230155.419	3193.435	2.2563	0.0012	55.843	-.0039	00	270033.887	30	270012.047
	13	3232002.007	3194.580	2.2562	0.0012	55.781	-.0040	00	269990.200	30	269968.348
	14	3233848.599	3195.724	2.2561	0.0012	55.719	-.0040	00	269946.490	30	269924.627
29	15	3235695.196	3196.867	2.2559	0.0012	55.658	-.0041	00	269902.758	30	269880.883
	16	3237541.797	3198.009	2.2558	0.0012	55.596	-.0041	00	269859.002	30	269837.116
	17	3239388.403	3199.149	2.2556	0.0012	55.534	-.0042	00	269815.224	30	269793.326
	18	3241235.014	3200.289	2.2555	0.0012	55.472	-.0042	00	269771.423	30	269749.513
	19	3243081.629	3201.428	2.2553	0.0012	55.411	-.0043	00	269727.599	30	269705.678
29	20	3244928.249	3202.565	2.2552	0.0012	55.349	-.0043	00	269683.752	30	269661.820
	21	3246774.874	3203.702	2.2551	0.0012	55.287	-.0044	00	269639.882	30	269617.939
	22	3248621.503	3204.837	2.2549	0.0012	55.225	-.0045	00	269595.990	30	269574.035
	23	3250468.137	3205.971	2.2547	0.0012	55.164	-.0045	00	269552.074	30	269530.108
	24	3252314.775	3207.104	2.2546	0.0012	55.102	-.0046	00	269508.136	30	269486.159
29	25	3254161.418	3208.237	2.2544	0.0012	55.040	-.0046	00	269464.175	30	269442.186
	26	3256008.066	3209.368	2.2543	0.0012	54.978	-.0047	00	269420.192	30	269398.191
	27	3257854.718	3210.498	2.2541	0.0012	54.916	-.0047	00	269376.185	30	269354.173
	28	3259701.375	3211.626	2.2540	0.0012	54.855	-.0048	00	269332.156	30	269310.133
	29	3261548.037	3212.754	2.2538	0.0012	54.793	-.0048	00	269288.104	30	269266.069
29	30	3263394.703	3213.881	2.2536	0.0012	54.731	-.0049	00	269244.029	30	269221.983
	31	3265241.374	3215.006	2.2535	0.0012	54.669	-.0049	00	269199.932	30	269177.874
	32	3267088.049	3216.131	2.2533	0.0012	54.607	-.0050	00	269155.811	30	269133.742
	33	3268934.729	3217.254	2.2531	0.0012	54.545	-.0050	00	269111.668	30	269089.588
	34	3270781.414	3218.377	2.2529	0.0012	54.484	-.0051	00	269067.502	30	269045.411
29	35	3272628.104	3219.498	2.2528	0.0012	54.422	-.0051	00	269023.314	30	269001.211
	36	3274474.798	3220.618	2.2526	0.0012	54.360	-.0052	00	268979.102	30	268956.988
	37	3276321.496	3221.737	2.2524	0.0012	54.298	-.0052	00	268934.868	30	268912.742
	38	3278168.199	3222.855	2.2522	0.0012	54.236	-.0053	00	268890.611	30	268868.474
	39	3280014.907	3223.972	2.2521	0.0012	54.174	-.0053	00	268846.331	30	268824.183
29	40	3281861.620	3225.088	2.2519	0.0012	54.112	-.0054	00	268802.029	30	268779.869
	41	3283708.337	3226.203	2.2517	0.0012	54.050	-.0054	00	268757.704	30	268735.533
	42	3285555.059	3227.316	2.2515	0.0012	53.989	-.0055	00	268713.356	30	268691.173
	43	3287401.785	3228.429	2.2513	0.0012	53.927	-.0055	00	268668.985	30	268646.791
	44	3289248.517	3229.541	2.2511	0.0012	53.865	-.0056	00	268624.592	30	268602.387
29	45	3291095.252	3230.651	2.2509	0.0012	53.803	-.0056	00	268580.176	30	268557.959
	46	3292941.993	3231.760	2.2507	0.0012	53.741	-.0057	00	268535.737	30	268513.509
	47	3294788.738	3232.868	2.2505	0.0012	53.679	-.0057	00	268491.275	30	268469.036
	48	3296635.488	3233.975	2.2503	0.0012	53.617	-.0058	00	268446.791	30	268424.541
	49	3298482.242	3235.081	2.2501	0.0012	53.555	-.0058	00	268402.284	30	268380.022
29	50	3300329.001	3236.186	2.2499	0.0012	53.493	-.0059	00	268357.755	30	268335.481
	51	3302175.765	3237.290	2.2497	0.0012	53.431	-.0059	00	268313.202	30	268290.917
	52	3304022.534	3238.393	2.2495	0.0012	53.369	-.0060	00	268268.627	30	268246.331
	53	3305869.307	3239.495	2.2493	0.0012	53.307	-.0060	00	268224.029	30	268201.722
	54	3307716.085	3240.595	2.2491	0.0012	53.246	-.0061	00	268179.409	30	268157.090
29	55	3309562.867	3241.695	2.2489	0.0012	53.184	-.0061	00	268134.766	30	268112.436
	56	3311409.654	3242.793	2.2487	0.0012	53.122	-.0062	00	268090.100	30	268067.758
	57	3313256.446	3243.890	2.2485	0.0012	53.060	-.0062	00	268045.411	30	268023.059
	58	3315103.242	3244.986	2.2483	0.0012	52.998	-.0063	00	268000.700	30	267978.336
	59	3316950.044	3246.082	2.2481	0.0012	52.936	-.0063	00	267955.966	30	267933.591
30	00	3318796.849	3247.175	2.2478	0.0012	52.874	-.0064	00	267911.210	30	267888.823

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
30	0	3318796.849	3247.175	2.2478	0.0012	52.874	-.0064	00	267911.210	30	267888.823
	1	3320643.660	3248.268	2.2476	0.0012	52.812	-.0064	00	267866.430	30	267844.032
	2	3322490.475	3249.360	2.2474	0.0012	52.750	-.0065	00	267821.629	30	267799.219
	3	3324337.295	3250.451	2.2472	0.0012	52.688	-.0065	00	267776.804	30	267754.383
	4	3326184.119	3251.540	2.2469	0.0012	52.626	-.0066	00	267731.957	30	267709.525
30	5	3328030.949	3252.629	2.2467	0.0012	52.564	-.0066	00	267687.087	30	267664.644
	6	3329877.783	3253.716	2.2465	0.0012	52.502	-.0066	00	267642.194	30	267619.740
	7	3331724.621	3254.803	2.2463	0.0012	52.440	-.0067	00	267597.279	30	267574.813
	8	3333571.465	3255.888	2.2460	0.0012	52.378	-.0067	00	267552.341	30	267529.864
	9	3335418.313	3256.972	2.2458	0.0012	52.316	-.0068	00	267507.381	30	267484.892
30	10	3337265.165	3258.055	2.2456	0.0012	52.254	-.0068	00	267462.398	30	267439.898
	11	3339112.023	3259.137	2.2453	0.0012	52.192	-.0069	00	267417.392	30	267394.881
	12	3340958.885	3260.218	2.2451	0.0012	52.130	-.0069	00	267372.364	30	267349.841
	13	3342805.751	3261.297	2.2448	0.0012	52.068	-.0070	00	267327.313	30	267304.779
	14	3344652.623	3262.376	2.2446	0.0012	52.006	-.0070	00	267282.239	30	267259.694
30	15	3346499.499	3263.453	2.2444	0.0012	51.944	-.0071	00	267237.143	30	267214.586
	16	3348346.380	3264.530	2.2441	0.0012	51.881	-.0071	00	267192.024	30	267169.456
	17	3350193.266	3265.605	2.2439	0.0012	51.819	-.0072	00	267146.883	30	267124.304
	18	3352040.156	3266.679	2.2436	0.0012	51.757	-.0072	00	267101.719	30	267079.128
	19	3353887.051	3267.752	2.2434	0.0012	51.695	-.0073	00	267056.532	30	267033.930
30	20	3355733.951	3268.824	2.2431	0.0012	51.633	-.0073	00	267011.323	30	266988.710
	21	3357580.855	3269.895	2.2429	0.0012	51.571	-.0074	00	266966.091	30	266943.467
	22	3359427.764	3270.965	2.2426	0.0012	51.509	-.0074	00	266920.837	30	266898.201
	23	3361274.678	3272.034	2.2423	0.0012	51.447	-.0075	00	266875.560	30	266852.913
	24	3363121.597	3273.101	2.2421	0.0012	51.385	-.0075	00	266830.260	30	266807.602
30	25	3364968.520	3274.168	2.2418	0.0012	51.323	-.0076	00	266784.938	30	266762.268
	26	3366815.448	3275.233	2.2416	0.0012	51.261	-.0076	00	266739.593	30	266716.912
	27	3368662.381	3276.297	2.2413	0.0012	51.199	-.0077	00	266694.226	30	266671.534
	28	3370509.318	3277.361	2.2410	0.0012	51.137	-.0077	00	266648.836	30	266626.132
	29	3372356.260	3278.423	2.2408	0.0012	51.075	-.0078	00	266603.423	30	266580.709
30	30	3374203.207	3279.483	2.2405	0.0012	51.012	-.0078	00	266557.988	30	266535.262
	31	3376050.159	3280.543	2.2402	0.0012	50.950	-.0079	00	266512.531	30	266489.793
	32	3377897.115	3281.602	2.2399	0.0012	50.888	-.0079	00	266467.051	30	266444.302
	33	3379744.076	3282.660	2.2397	0.0012	50.826	-.0080	00	266421.548	30	266398.788
	34	3381591.042	3283.716	2.2394	0.0012	50.764	-.0080	00	266376.023	30	266353.251
30	35	3383438.013	3284.772	2.2391	0.0012	50.702	-.0081	00	266330.475	30	266307.692
	36	3385284.988	3285.826	2.2388	0.0012	50.640	-.0081	00	266284.904	30	266262.111
	37	3387131.968	3286.879	2.2385	0.0012	50.578	-.0082	00	266239.312	30	266216.507
	38	3388978.953	3287.931	2.2383	0.0011	50.516	-.0082	00	266193.696	30	266170.880
	39	3390825.942	3288.982	2.2380	0.0011	50.453	-.0082	00	266148.058	30	266125.231
30	40	3392672.936	3290.032	2.2377	0.0011	50.391	-.0083	00	266102.398	30	266079.559
	41	3394519.935	3291.081	2.2374	0.0011	50.329	-.0083	00	266056.715	30	266033.865
	42	3396366.939	3292.128	2.2371	0.0011	50.267	-.0084	00	266011.009	30	265988.148
	43	3398213.948	3293.175	2.2368	0.0011	50.205	-.0084	00	265965.281	30	265942.409
	44	3400060.961	3294.220	2.2365	0.0011	50.143	-.0085	00	265919.531	30	265896.647
30	45	3401907.979	3295.264	2.2362	0.0011	50.081	-.0085	00	265873.758	30	265850.863
	46	3403755.002	3296.308	2.2359	0.0011	50.019	-.0086	00	265827.962	30	265805.056
	47	3405602.029	3297.350	2.2356	0.0011	49.956	-.0086	00	265782.144	30	265759.227
	48	3407449.061	3298.391	2.2353	0.0011	49.894	-.0087	00	265736.304	30	265713.375
	49	3409296.098	3299.430	2.2350	0.0011	49.832	-.0087	00	265690.441	30	265667.501
30	50	3411143.140	3300.469	2.2347	0.0011	49.770	-.0088	00	265644.555	30	265621.604
	51	3412990.186	3301.507	2.2344	0.0011	49.708	-.0088	00	265598.647	30	265575.685
	52	3414837.238	3302.543	2.2341	0.0011	49.646	-.0089	00	265552.717	30	265529.743
	53	3416684.294	3303.579	2.2338	0.0011	49.583	-.0089	00	265506.764	30	265483.779
	54	3418531.354	3304.613	2.2335	0.0011	49.521	-.0090	00	265460.788	30	265437.792
30	55	3420378.420	3305.646	2.2332	0.0011	49.459	-.0090	00	265414.790	30	265391.783
	56	3422225.490	3306.678	2.2329	0.0011	49.397	-.0091	00	265368.770	30	265345.751
	57	3424072.565	3307.709	2.2325	0.0011	49.335	-.0091	00	265322.727	30	265299.697
	58	3425919.645	3308.739	2.2322	0.0011	49.273	-.0092	00	265276.662	30	265253.621
	59	3427766.730	3309.767	2.2319	0.0011	49.210	-.0092	00	265230.574	30	265207.522
31	00	3429613.819	3310.795	2.2316	0.0011	49.148	-.0092	00	265184.464	30	265161.400

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
31	0	3429613.819	3310.795	2.2316	0.0011	49.148	-.0092	00	265184.464	30	265161.400
	1	3431460.913	3311.821	2.2313	0.0011	49.086	-.0093	00	265138.331	30	265115.256
	2	3433308.012	3312.847	2.2309	0.0011	49.024	-.0093	00	265092.176	30	265069.090
	3	3435155.116	3313.871	2.2306	0.0011	48.962	-.0094	00	265045.999	30	265022.901
	4	3437002.224	3314.894	2.2303	0.0011	48.900	-.0094	00	264999.799	30	264976.690
31	5	3438849.338	3315.916	2.2300	0.0011	48.837	-.0095	00	264953.576	30	264930.457
	6	3440696.456	3316.937	2.2296	0.0011	48.775	-.0095	00	264907.331	30	264884.201
	7	3442543.578	3317.957	2.2293	0.0011	48.713	-.0096	00	264861.064	30	264837.922
	8	3444390.706	3318.975	2.2290	0.0011	48.651	-.0096	00	264814.774	30	264791.621
	9	3446237.838	3319.993	2.2286	0.0011	48.589	-.0097	00	264768.462	30	264745.298
31	10	3448084.975	3321.009	2.2283	0.0011	48.526	-.0097	00	264722.128	30	264698.952
	11	3449932.117	3322.024	2.2279	0.0011	48.464	-.0098	00	264675.771	30	264652.584
	12	3451779.264	3323.038	2.2276	0.0011	48.402	-.0098	00	264629.392	30	264606.194
	13	3453626.416	3324.051	2.2273	0.0011	48.340	-.0099	00	264582.990	30	264559.781
	14	3455473.572	3325.063	2.2269	0.0011	48.278	-.0099	00	264536.566	30	264513.345
31	15	3457320.733	3326.074	2.2266	0.0011	48.215	-.0099	00	264490.119	30	264466.888
	16	3459167.899	3327.084	2.2262	0.0011	48.153	-.0100	00	264443.650	30	264420.408
	17	3461015.070	3328.092	2.2259	0.0011	48.091	-.0100	00	264397.159	30	264373.905
	18	3462862.245	3329.099	2.2255	0.0011	48.029	-.0101	00	264350.645	30	264327.380
	19	3464709.425	3330.106	2.2252	0.0011	47.967	-.0101	00	264304.109	30	264280.833
31	20	3466556.611	3331.111	2.2248	0.0011	47.904	-.0102	00	264257.551	30	264234.263
	21	3468403.800	3332.115	2.2245	0.0011	47.842	-.0102	00	264210.970	30	264187.671
	22	3470250.995	3333.118	2.2241	0.0011	47.780	-.0103	00	264164.367	30	264141.057
	23	3472098.195	3334.120	2.2237	0.0011	47.718	-.0103	00	264117.741	30	264094.420
	24	3473945.399	3335.120	2.2234	0.0011	47.656	-.0104	00	264071.094	30	264047.761
31	25	3475792.608	3336.120	2.2230	0.0011	47.593	-.0104	00	264024.423	30	264001.080
	26	3477639.822	3337.118	2.2227	0.0011	47.531	-.0104	00	263977.731	30	263954.376
	27	3479487.041	3338.115	2.2223	0.0011	47.469	-.0105	00	263931.016	30	263907.650
	28	3481334.264	3339.111	2.2219	0.0011	47.407	-.0105	00	263884.278	30	263860.901
	29	3483181.493	3340.106	2.2215	0.0011	47.345	-.0106	00	263837.519	30	263814.131
31	30	3485028.726	3341.100	2.2212	0.0011	47.282	-.0106	00	263790.737	30	263767.337
	31	3486875.964	3342.093	2.2208	0.0011	47.220	-.0107	00	263743.932	30	263720.522
	32	3488723.207	3343.085	2.2204	0.0011	47.158	-.0107	00	263697.106	30	263673.684
	33	3490570.454	3344.075	2.2200	0.0011	47.096	-.0108	00	263650.257	30	263626.824
	34	3492417.707	3345.064	2.2197	0.0011	47.033	-.0108	00	263603.386	30	263579.942
31	35	3494264.964	3346.053	2.2193	0.0011	46.971	-.0109	00	263556.492	30	263533.037
	36	3496112.226	3347.040	2.2189	0.0011	46.909	-.0109	00	263509.576	30	263486.110
	37	3497959.493	3348.026	2.2185	0.0011	46.847	-.0110	00	263462.638	30	263439.160
	38	3499806.765	3349.011	2.2181	0.0011	46.785	-.0110	00	263415.677	30	263392.189
	39	3501654.041	3349.994	2.2178	0.0011	46.722	-.0110	00	263368.694	30	263345.195
31	40	3503501.323	3350.977	2.2174	0.0011	46.660	-.0111	00	263321.689	30	263298.178
	41	3505348.609	3351.958	2.2170	0.0011	46.598	-.0111	00	263274.662	30	263251.140
	42	3507195.900	3352.939	2.2166	0.0011	46.536	-.0112	00	263227.612	30	263204.079
	43	3509043.196	3353.918	2.2162	0.0011	46.473	-.0112	00	263180.540	30	263156.996
	44	3510890.497	3354.896	2.2158	0.0011	46.411	-.0113	00	263133.446	30	263109.890
31	45	3512737.802	3355.873	2.2154	0.0011	46.349	-.0113	00	263086.329	30	263062.763
	46	3514585.113	3356.849	2.2150	0.0011	46.287	-.0114	00	263039.190	30	263015.613
	47	3516432.428	3357.823	2.2146	0.0011	46.225	-.0114	00	262992.029	30	262968.440
	48	3518279.748	3358.797	2.2142	0.0011	46.162	-.0114	00	262944.846	30	262921.246
	49	3520127.073	3359.769	2.2138	0.0011	46.100	-.0115	00	262897.640	30	262874.029
31	50	3521974.403	3360.740	2.2134	0.0011	46.038	-.0115	00	262850.412	30	262826.790
	51	3523821.738	3361.710	2.2130	0.0011	45.976	-.0116	00	262803.162	30	262779.529
	52	3525669.077	3362.679	2.2126	0.0011	45.913	-.0116	00	262755.889	30	262732.245
	53	3527516.421	3363.647	2.2122	0.0011	45.851	-.0117	00	262708.595	30	262684.939
	54	3529363.771	3364.614	2.2118	0.0011	45.789	-.0117	00	262661.278	30	262637.611
31	55	3531211.125	3365.579	2.2113	0.0011	45.727	-.0118	00	262613.939	30	262590.261
	56	3533058.483	3366.544	2.2109	0.0011	45.665	-.0118	00	262566.577	30	262542.888
	57	3534905.847	3367.507	2.2105	0.0011	45.602	-.0118	00	262519.194	30	262495.493
	58	3536753.216	3368.469	2.2101	0.0011	45.540	-.0119	00	262471.788	30	262448.076
	59	3538600.589	3369.430	2.2097	0.0010	45.478	-.0119	00	262424.360	30	262400.637
32	00	3540447.968	3370.390	2.2093	0.0010	45.416	-.0120	00	262376.909	30	262353.176

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
32	0	3540447.968	3370.390	2.2093	0.0010	45.416	-.0120	00	262376.909	30	262353.176
	1	3542295.351	3371.349	2.2088	0.0010	45.353	-.0120	00	262329.437	30	262305.692
	2	3544142.739	3372.307	2.2084	0.0010	45.291	-.0121	00	262281.942	30	262258.186
	3	3545990.132	3373.263	2.2080	0.0010	45.229	-.0121	00	262234.425	30	262210.658
	4	3547837.529	3374.218	2.2076	0.0010	45.167	-.0122	00	262186.886	30	262163.108
32	5	3549684.932	3375.173	2.2071	0.0010	45.105	-.0122	00	262139.324	30	262115.535
	6	3551532.339	3376.126	2.2067	0.0010	45.042	-.0122	00	262091.741	30	262067.941
	7	3553379.752	3377.078	2.2063	0.0010	44.980	-.0123	00	262044.135	30	262020.324
	8	3555227.169	3378.028	2.2058	0.0010	44.918	-.0123	00	261996.507	30	261972.685
	9	3557074.591	3378.978	2.2054	0.0010	44.856	-.0124	00	261948.857	30	261925.023
32	10	3558922.018	3379.926	2.2050	0.0010	44.794	-.0124	00	261901.184	30	261877.340
	11	3560769.450	3380.874	2.2045	0.0010	44.731	-.0125	00	261853.490	30	261829.634
	12	3562616.887	3381.820	2.2041	0.0010	44.669	-.0125	00	261805.773	30	261781.907
	13	3564464.328	3382.765	2.2036	0.0010	44.607	-.0126	00	261758.034	30	261734.157
	14	3566311.775	3383.709	2.2032	0.0010	44.545	-.0126	00	261710.273	30	261686.384
32	15	3568159.226	3384.652	2.2027	0.0010	44.482	-.0126	00	261662.490	30	261638.590
	16	3570006.682	3385.593	2.2023	0.0010	44.420	-.0127	00	261614.685	30	261590.774
	17	3571854.143	3386.534	2.2019	0.0010	44.358	-.0127	00	261566.857	30	261542.935
	18	3573701.609	3387.473	2.2014	0.0010	44.296	-.0128	00	261519.007	30	261495.074
	19	3575549.080	3388.411	2.2009	0.0010	44.234	-.0128	00	261471.136	30	261447.191
32	20	3577396.556	3389.348	2.2005	0.0010	44.171	-.0129	00	261423.242	30	261399.286
	21	3579244.037	3390.284	2.2000	0.0010	44.109	-.0129	00	261375.326	30	261351.359
	22	3581091.522	3391.219	2.1996	0.0010	44.047	-.0129	00	261327.387	30	261303.410
	23	3582939.012	3392.153	2.1991	0.0010	43.985	-.0130	00	261279.427	30	261255.438
	24	3584786.508	3393.085	2.1987	0.0010	43.923	-.0130	00	261231.444	30	261207.445
32	25	3586634.008	3394.016	2.1982	0.0010	43.860	-.0131	00	261183.440	30	261159.429
	26	3588481.513	3394.947	2.1977	0.0010	43.798	-.0131	00	261135.413	30	261111.391
	27	3590329.023	3395.876	2.1973	0.0010	43.736	-.0132	00	261087.364	30	261063.331
	28	3592176.538	3396.804	2.1968	0.0010	43.674	-.0132	00	261039.293	30	261015.249
	29	3594024.058	3397.730	2.1963	0.0010	43.612	-.0132	00	260991.200	30	260967.145
32	30	3595871.582	3398.656	2.1959	0.0010	43.549	-.0133	00	260943.085	30	260919.019
	31	3597719.112	3399.580	2.1954	0.0010	43.487	-.0133	00	260894.947	30	260870.870
	32	3599566.646	3400.504	2.1949	0.0010	43.425	-.0134	00	260846.788	30	260822.700
	33	3601414.186	3401.426	2.1945	0.0010	43.363	-.0134	00	260798.606	30	260774.507
	34	3603261.730	3402.347	2.1940	0.0010	43.301	-.0135	00	260750.403	30	260726.293
32	35	3605109.279	3403.267	2.1935	0.0010	43.239	-.0135	00	260702.177	30	260678.056
	36	3606956.833	3404.185	2.1930	0.0010	43.176	-.0135	00	260653.929	30	260629.797
	37	3608804.392	3405.103	2.1925	0.0010	43.114	-.0136	00	260605.660	30	260581.516
	38	3610651.956	3406.019	2.1921	0.0010	43.052	-.0136	00	260557.368	30	260533.213
	39	3612499.525	3406.934	2.1916	0.0010	42.990	-.0137	00	260509.054	30	260484.888
32	40	3614347.099	3407.849	2.1911	0.0010	42.928	-.0137	00	260460.718	30	260436.541
	41	3616194.678	3408.761	2.1906	0.0010	42.865	-.0138	00	260412.359	30	260388.172
	42	3618042.261	3409.673	2.1901	0.0010	42.803	-.0138	00	260363.979	30	260339.781
	43	3619889.850	3410.584	2.1896	0.0010	42.741	-.0138	00	260315.577	30	260291.368
	44	3621737.443	3411.493	2.1891	0.0010	42.679	-.0139	00	260267.153	30	260242.932
32	45	3623585.041	3412.402	2.1886	0.0010	42.617	-.0139	00	260218.706	30	260194.475
	46	3625432.645	3413.309	2.1881	0.0010	42.555	-.0140	00	260170.238	30	260145.995
	47	3627280.253	3414.215	2.1876	0.0010	42.493	-.0140	00	260121.748	30	260097.494
	48	3629127.866	3415.120	2.1871	0.0010	42.430	-.0141	00	260073.235	30	260048.971
	49	3630975.484	3415.024	2.1866	0.0010	42.368	-.0141	00	260024.701	30	260000.425
32	50	3632823.107	3416.926	2.1861	0.0010	42.306	-.0141	00	259976.144	30	259951.858
	51	3634670.735	3417.828	2.1856	0.0010	42.244	-.0142	00	259927.566	30	259903.268
	52	3636518.368	3418.728	2.1851	0.0010	42.182	-.0142	00	259878.965	30	259854.656
	53	3638366.005	3419.627	2.1846	0.0010	42.120	-.0143	00	259830.342	30	259806.023
	54	3640213.648	3420.525	2.1841	0.0010	42.058	-.0143	00	259781.698	30	259757.367
32	55	3642061.296	3421.422	2.1836	0.0010	41.995	-.0143	00	259733.031	30	259708.690
	56	3643908.948	3422.317	2.1831	0.0010	41.933	-.0144	00	259684.343	30	259659.990
	57	3645756.606	3423.212	2.1826	0.0010	41.871	-.0144	00	259635.632	30	259611.268
	58	3647604.268	3424.105	2.1821	0.0010	41.809	-.0145	00	259586.899	30	259562.525
	59	3649451.935	3424.997	2.1816	0.0010	41.747	-.0145	00	259538.145	30	259513.759
33	00	3651299.608	3425.888	2.1810	0.0010	41.685	-.0146	00	259489.368	30	259464.972

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
33	0	3651299.608	3425.888	2.1810	0.0010	41.685	-.0146	00	259489.368	30	259464.972
	1	3653147.285	3426.778	2.1805	0.0010	41.623	-.0146	00	259440.570	30	259416.162
	2	3654994.967	3427.667	2.1800	0.0010	41.561	-.0146	00	259391.749	30	259367.331
	3	3656842.654	3428.554	2.1795	0.0010	41.498	-.0147	00	259342.907	30	259318.477
	4	3658690.346	3429.441	2.1789	0.0010	41.436	-.0147	00	259294.042	30	259269.602
33	5	3660538.043	3430.326	2.1784	0.0010	41.374	-.0148	00	259245.156	30	259220.704
	6	3662385.745	3431.210	2.1779	0.0010	41.312	-.0148	00	259196.247	30	259171.785
	7	3664233.452	3432.093	2.1774	0.0010	41.250	-.0148	00	259147.317	30	259122.843
	8	3666081.164	3432.975	2.1768	0.0010	41.188	-.0149	00	259098.365	30	259073.880
	9	3667928.881	3433.855	2.1763	0.0010	41.126	-.0149	00	259049.390	30	259024.895
33	10	3669776.602	3434.735	2.1758	0.0010	41.064	-.0150	00	259000.394	30	258975.888
	11	3671624.329	3435.613	2.1752	0.0010	41.002	-.0150	00	258951.376	30	258926.859
	12	3673472.061	3436.490	2.1747	0.0010	40.940	-.0151	00	258902.336	30	258877.807
	13	3675319.797	3437.366	2.1742	0.0010	40.877	-.0151	00	258853.274	30	258828.734
	14	3677167.539	3438.241	2.1736	0.0010	40.815	-.0151	00	258804.190	30	258779.640
33	15	3679015.285	3439.115	2.1731	0.0010	40.753	-.0152	00	258755.084	30	258730.523
	16	3680863.037	3439.987	2.1725	0.0010	40.691	-.0152	00	258705.956	30	258681.384
	17	3682710.793	3440.858	2.1720	0.0009	40.629	-.0153	00	258656.806	30	258632.223
	18	3684558.555	3441.728	2.1715	0.0009	40.567	-.0153	00	258607.635	30	258583.041
	19	3686406.321	3442.597	2.1709	0.0009	40.505	-.0153	00	258558.441	30	258533.836
33	20	3688254.092	3443.465	2.1704	0.0009	40.443	-.0154	00	258509.225	30	258484.610
	21	3690101.869	3444.332	2.1698	0.0009	40.381	-.0154	00	258459.988	30	258435.361
	22	3691949.650	3445.197	2.1693	0.0009	40.319	-.0155	00	258410.729	30	258386.091
	23	3693797.436	3446.062	2.1687	0.0009	40.257	-.0155	00	258361.448	30	258336.799
	24	3695645.227	3446.925	2.1681	0.0009	40.195	-.0155	00	258312.145	30	258287.485
33	25	3697493.024	3447.787	2.1676	0.0009	40.133	-.0156	00	258262.820	30	258238.149
	26	3699340.825	3448.648	2.1670	0.0009	40.071	-.0156	00	258213.473	30	258188.791
	27	3701188.631	3449.507	2.1665	0.0009	40.009	-.0157	00	258164.104	30	258139.411
	28	3703036.442	3450.366	2.1659	0.0009	39.947	-.0157	00	258114.713	30	258090.010
	29	3704884.258	3451.223	2.1653	0.0009	39.885	-.0157	00	258065.301	30	258040.586
33	30	3706732.079	3452.079	2.1648	0.0009	39.823	-.0158	00	258015.867	30	257991.141
	31	3708579.905	3452.934	2.1642	0.0009	39.761	-.0158	00	257966.410	30	257941.674
	32	3710427.736	3453.788	2.1636	0.0009	39.699	-.0159	00	257916.932	30	257892.185
	33	3712275.572	3454.641	2.1631	0.0009	39.637	-.0159	00	257867.432	30	257842.674
	34	3714123.413	3455.492	2.1625	0.0009	39.575	-.0159	00	257817.911	30	257793.141
33	35	3715971.259	3456.343	2.1619	0.0009	39.513	-.0160	00	257768.367	30	257743.587
	36	3717819.110	3457.192	2.1614	0.0009	39.451	-.0160	00	257718.801	30	257694.010
	37	3719666.966	3458.040	2.1608	0.0009	39.389	-.0161	00	257669.214	30	257644.412
	38	3721514.827	3458.887	2.1602	0.0009	39.327	-.0161	00	257619.605	30	257594.792
	39	3723362.693	3459.732	2.1596	0.0009	39.265	-.0161	00	257569.974	30	257545.150
33	40	3725210.564	3460.577	2.1591	0.0009	39.203	-.0162	00	257520.321	30	257495.487
	41	3727058.440	3461.420	2.1585	0.0009	39.141	-.0162	00	257470.647	30	257445.801
	42	3728906.320	3462.262	2.1579	0.0009	39.079	-.0163	00	257420.950	30	257396.094
	43	3730754.206	3463.103	2.1573	0.0009	39.017	-.0163	00	257371.232	30	257346.365
	44	3732602.097	3463.943	2.1567	0.0009	38.955	-.0163	00	257321.492	30	257296.614
33	45	3734449.993	3464.782	2.1561	0.0009	38.893	-.0164	00	257271.730	30	257246.841
	46	3736297.894	3465.619	2.1555	0.0009	38.831	-.0164	00	257221.946	30	257197.046
	47	3738145.800	3466.456	2.1550	0.0009	38.769	-.0165	00	257172.141	30	257147.230
	48	3739993.711	3467.291	2.1544	0.0009	38.707	-.0165	00	257122.313	30	257097.392
	49	3741841.626	3468.125	2.1538	0.0009	38.645	-.0165	00	257072.464	30	257047.532
33	50	3743689.547	3468.958	2.1532	0.0009	38.583	-.0166	00	257022.594	30	256997.650
	51	3745537.473	3469.789	2.1526	0.0009	38.521	-.0166	00	256972.701	30	256947.746
	52	3747385.404	3470.620	2.1520	0.0009	38.459	-.0166	00	256922.786	30	256897.821
	53	3749233.340	3471.449	2.1514	0.0009	38.398	-.0167	00	256872.850	30	256847.874
	54	3751081.281	3472.277	2.1508	0.0009	38.336	-.0167	00	256822.892	30	256797.905
33	55	3752929.227	3473.104	2.1502	0.0009	38.274	-.0168	00	256772.913	30	256747.915
	56	3754777.178	3473.930	2.1496	0.0009	38.212	-.0168	00	256722.911	30	256697.902
	57	3756625.133	3474.754	2.1490	0.0009	38.150	-.0168	00	256672.888	30	256647.868
	58	3758473.094	3475.578	2.1484	0.0009	38.088	-.0169	00	256622.843	30	256597.812
	59	3760321.060	3476.400	2.1477	0.0009	38.026	-.0169	00	256572.776	30	256547.735
34	00	3762169.031	3477.221	2.1471	0.0009	37.964	-.0170	00	256522.688	30	256497.635

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'5)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
34	0	3762169.031	3477.221	2.1471	0.0009	37.964	-.0170	00	256522.688	30	256497.635
	1	3764017.007	3478.041	2.1465	0.0009	37.902	-.0170	00	256472.577	30	256447.514
	2	3765864.988	3478.860	2.1459	0.0009	37.841	-.0170	00	256422.445	30	256397.371
	3	3767712.974	3479.677	2.1453	0.0009	37.779	-.0171	00	256372.292	30	256347.207
	4	3769560.965	3480.494	2.1447	0.0009	37.717	-.0171	00	256322.116	30	256297.020
34	5	3771408.961	3481.309	2.1441	0.0009	37.655	-.0171	00	256271.919	30	256246.812
	6	3773256.962	3482.123	2.1434	0.0009	37.593	-.0172	00	256221.700	30	256196.583
	7	3775104.968	3482.936	2.1428	0.0009	37.531	-.0172	00	256171.460	30	256146.331
	8	3776952.979	3483.747	2.1422	0.0009	37.469	-.0173	00	256121.197	30	256096.058
	9	3778800.996	3484.558	2.1416	0.0009	37.408	-.0173	00	256070.913	30	256045.763
34	10	3780649.017	3485.367	2.1410	0.0009	37.346	-.0173	00	256020.608	30	255995.447
	11	3782497.043	3485.175	2.1403	0.0009	37.284	-.0174	00	255970.280	30	255945.108
	12	3784345.074	3486.982	2.1397	0.0009	37.222	-.0174	00	255919.931	30	255894.748
	13	3786193.110	3487.788	2.1391	0.0009	37.160	-.0175	00	255869.560	30	255844.367
	14	3788041.152	3488.593	2.1384	0.0009	37.099	-.0175	00	255819.168	30	255793.963
34	15	3789889.198	3489.396	2.1378	0.0009	37.037	-.0175	00	255768.753	30	255743.538
	16	3791737.249	3490.198	2.1372	0.0009	36.975	-.0176	00	255718.318	30	255693.092
	17	3793585.306	3490.999	2.1365	0.0009	36.913	-.0176	00	255667.860	30	255642.623
	18	3795433.367	3491.799	2.1359	0.0009	36.851	-.0176	00	255617.381	30	255592.133
	19	3797281.434	3492.598	2.1353	0.0009	36.790	-.0177	00	255566.880	30	255541.621
34	20	3799129.505	3493.395	2.1346	0.0009	36.728	-.0177	00	255516.357	30	255491.088
	21	3800977.582	3494.192	2.1340	0.0009	36.666	-.0178	00	255465.813	30	255440.533
	22	3802825.663	3494.987	2.1333	0.0009	36.604	-.0178	00	255415.247	30	255389.956
	23	3804673.750	3495.781	2.1327	0.0009	36.543	-.0178	00	255364.660	30	255339.358
	24	3806521.841	3496.574	2.1320	0.0009	36.481	-.0179	00	255314.051	30	255288.738
34	25	3808369.938	3497.365	2.1314	0.0009	36.419	-.0179	00	255263.420	30	255238.096
	26	3810218.040	3498.156	2.1308	0.0009	36.358	-.0179	00	255212.767	30	255187.433
	27	3812066.147	3498.945	2.1301	0.0009	36.296	-.0180	00	255162.093	30	255136.748
	28	3813914.258	3499.733	2.1294	0.0009	36.234	-.0180	00	255111.398	30	255086.042
	29	3815762.375	3500.520	2.1288	0.0009	36.172	-.0181	00	255060.680	30	255035.313
34	30	3817610.497	3501.306	2.1281	0.0009	36.111	-.0181	00	255009.941	30	254984.564
	31	3819458.624	3502.090	2.1275	0.0009	36.049	-.0181	00	254959.181	30	254933.792
	32	3821306.756	3502.873	2.1268	0.0008	35.987	-.0182	00	254908.398	30	254882.999
	33	3823154.893	3503.656	2.1262	0.0008	35.926	-.0182	00	254857.595	30	254832.185
	34	3825003.035	3504.437	2.1255	0.0008	35.864	-.0182	00	254806.769	30	254781.348
34	35	3826851.183	3505.216	2.1248	0.0008	35.802	-.0183	00	254755.922	30	254730.491
	36	3828699.335	3505.995	2.1242	0.0008	35.741	-.0183	00	254705.054	30	254679.611
	37	3830547.492	3506.772	2.1235	0.0008	35.679	-.0183	00	254654.163	30	254628.710
	38	3832395.655	3507.549	2.1228	0.0008	35.617	-.0184	00	254603.252	30	254577.788
	39	3834243.822	3508.324	2.1222	0.0008	35.556	-.0184	00	254552.318	30	254526.843
34	40	3836091.994	3509.097	2.1215	0.0008	35.494	-.0185	00	254501.363	30	254475.878
	41	3837940.172	3509.870	2.1208	0.0008	35.433	-.0185	00	254450.387	30	254424.890
	42	3839788.355	3510.642	2.1202	0.0008	35.371	-.0185	00	254399.389	30	254373.882
	43	3841636.542	3511.412	2.1195	0.0008	35.309	-.0186	00	254348.369	30	254322.851
	44	3843484.735	3512.181	2.1188	0.0008	35.248	-.0186	00	254297.328	30	254271.799
34	45	3845332.933	3512.949	2.1181	0.0008	35.186	-.0186	00	254246.265	30	254220.725
	46	3847181.136	3513.716	2.1175	0.0008	35.125	-.0187	00	254195.181	30	254169.630
	47	3849029.344	3514.481	2.1168	0.0008	35.063	-.0187	00	254144.075	30	254118.514
	48	3850877.557	3515.246	2.1161	0.0008	35.001	-.0187	00	254092.947	30	254067.375
	49	3852725.775	3516.009	2.1154	0.0008	34.940	-.0188	00	254041.798	30	254016.216
34	50	3854573.998	3516.771	2.1147	0.0008	34.878	-.0188	00	253990.628	30	253965.034
	51	3856422.226	3517.532	2.1140	0.0008	34.817	-.0189	00	253939.436	30	253913.831
	52	3858270.459	3518.291	2.1134	0.0008	34.755	-.0189	00	253888.222	30	253862.607
	53	3860118.698	3519.050	2.1127	0.0008	34.694	-.0189	00	253836.987	30	253811.361
	54	3861966.941	3519.807	2.1120	0.0008	34.632	-.0190	00	253785.730	30	253760.094
34	55	3863815.190	3520.563	2.1113	0.0008	34.571	-.0190	00	253734.452	30	253708.805
	56	3865663.443	3521.318	2.1106	0.0008	34.509	-.0190	00	253683.152	30	253657.494
	57	3867511.702	3522.071	2.1099	0.0008	34.448	-.0191	00	253631.831	30	253606.162
	58	3869359.966	3522.824	2.1092	0.0008	34.386	-.0191	00	253580.488	30	253554.809
	59	3871208.235	3523.575	2.1085	0.0008	34.325	-.0191	00	253529.124	30	253503.434
35	00	3873056.509	3524.325	2.1078	0.0008	34.263	-.0192	00	253477.739	30	253452.038

N1=(I)+(II)P**2+(III)P**4+(A'5)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
35	0	3873056.509	3524.325	2.1078	0.0008	34.263	-.0192	00	253477.739	30	253452.038
	1	3874904.788	3525.074	2.1071	0.0008	34.202	-.0192	00	253426.331	30	253400.620
	2	3876753.072	3525.822	2.1064	0.0008	34.140	-.0192	00	253374.903	30	253349.180
	3	3878601.361	3526.569	2.1057	0.0008	34.079	-.0193	00	253323.452	30	253297.719
	4	3880449.655	3527.314	2.1050	0.0008	34.017	-.0193	00	253271.981	30	253246.237
35	5	3882297.955	3528.058	2.1043	0.0008	33.956	-.0194	00	253220.488	30	253194.733
	6	3884146.259	3528.801	2.1036	0.0008	33.894	-.0194	00	253168.973	30	253143.208
	7	3885994.569	3529.543	2.1029	0.0008	33.833	-.0194	00	253117.437	30	253091.661
	8	3887842.883	3530.283	2.1022	0.0008	33.771	-.0195	00	253065.880	30	253040.093
	9	3889691.203	3531.023	2.1015	0.0008	33.710	-.0195	00	253014.301	30	252988.503
35	10	3891539.528	3531.761	2.1007	0.0008	33.649	-.0195	00	252962.700	30	252936.892
	11	3893387.858	3532.498	2.1000	0.0008	33.587	-.0196	00	252911.078	30	252885.259
	12	3895236.193	3533.234	2.0993	0.0008	33.526	-.0196	00	252859.435	30	252833.605
	13	3897084.533	3533.968	2.0986	0.0008	33.465	-.0196	00	252807.770	30	252781.930
	14	3898932.878	3534.702	2.0979	0.0008	33.403	-.0197	00	252756.084	30	252730.233
35	15	3900781.229	3535.434	2.0972	0.0008	33.342	-.0197	00	252704.376	30	252678.514
	16	3902629.584	3535.165	2.0964	0.0008	33.280	-.0197	00	252652.647	30	252626.775
	17	3904477.944	3536.895	2.0957	0.0008	33.219	-.0198	00	252600.897	30	252575.013
	18	3906326.310	3537.623	2.0950	0.0008	33.158	-.0198	00	252549.125	30	252523.231
	19	3908174.681	3538.351	2.0943	0.0008	33.096	-.0198	00	252497.331	30	252471.427
35	20	3910023.057	3539.077	2.0935	0.0008	33.035	-.0199	00	252445.517	30	252419.601
	21	3911871.438	3539.802	2.0928	0.0008	32.974	-.0199	00	252393.680	30	252367.754
	22	3913719.824	3540.526	2.0921	0.0008	32.913	-.0199	00	252341.823	30	252315.886
	23	3915568.215	3541.249	2.0914	0.0008	32.851	-.0200	00	252289.944	30	252263.996
	24	3917416.611	3541.970	2.0906	0.0008	32.790	-.0200	00	252238.043	30	252212.085
35	25	3919265.012	3542.690	2.0899	0.0008	32.729	-.0200	00	252186.122	30	252160.153
	26	3921113.419	3543.409	2.0891	0.0008	32.667	-.0201	00	252134.179	30	252108.199
	27	3922961.831	3544.127	2.0884	0.0008	32.606	-.0201	00	252082.214	30	252056.224
	28	3924810.247	3544.844	2.0877	0.0008	32.545	-.0202	00	252030.228	30	252004.227
	29	3926658.669	3545.559	2.0869	0.0008	32.484	-.0202	00	251978.221	30	251952.209
35	30	3928507.096	3546.274	2.0862	0.0008	32.422	-.0202	00	251926.192	30	251900.170
	31	3930355.528	3546.987	2.0854	0.0008	32.361	-.0203	00	251874.142	30	251848.109
	32	3932203.965	3547.698	2.0847	0.0008	32.300	-.0203	00	251822.071	30	251796.027
	33	3934052.408	3548.409	2.0840	0.0008	32.239	-.0203	00	251769.978	30	251743.924
	34	3935900.855	3549.119	2.0832	0.0008	32.178	-.0204	00	251717.864	30	251691.799
35	35	3937749.308	3549.827	2.0825	0.0008	32.116	-.0204	00	251665.728	30	251639.653
	36	3939597.765	3550.534	2.0817	0.0008	32.055	-.0204	00	251613.572	30	251587.485
	37	3941446.228	3551.240	2.0810	0.0008	31.994	-.0205	00	251561.394	30	251535.296
	38	3943294.696	3551.945	2.0802	0.0008	31.933	-.0205	00	251509.194	30	251483.086
	39	3945143.169	3552.648	2.0795	0.0008	31.872	-.0205	00	251456.973	30	251430.855
35	40	3946991.647	3553.350	2.0787	0.0008	31.811	-.0206	00	251404.731	30	251378.602
	41	3948840.130	3554.051	2.0779	0.0008	31.749	-.0206	00	251352.468	30	251326.328
	42	3950688.619	3554.751	2.0772	0.0008	31.688	-.0206	00	251300.183	30	251274.033
	43	3952537.112	3555.450	2.0764	0.0008	31.627	-.0207	00	251247.877	30	251221.716
	44	3954385.611	3556.147	2.0757	0.0008	31.566	-.0207	00	251195.549	30	251169.378
35	45	3956234.115	3556.844	2.0749	0.0007	31.505	-.0207	00	251143.201	30	251117.018
	46	3958082.624	3557.539	2.0741	0.0007	31.444	-.0208	00	251090.831	30	251064.638
	47	3959931.138	3558.233	2.0734	0.0007	31.383	-.0208	00	251038.439	30	251012.236
	48	3961779.657	3558.925	2.0726	0.0007	31.322	-.0208	00	250986.027	30	250959.813
	49	3963628.181	3559.617	2.0718	0.0007	31.261	-.0209	00	250933.593	30	250907.368
35	50	3965476.711	3560.307	2.0711	0.0007	31.200	-.0209	00	250881.138	30	250854.902
	51	3967325.246	3560.996	2.0703	0.0007	31.139	-.0209	00	250828.661	30	250802.415
	52	3969173.785	3561.684	2.0695	0.0007	31.078	-.0210	00	250776.164	30	250749.907
	53	3971022.330	3562.370	2.0688	0.0007	31.017	-.0210	00	250723.645	30	250697.377
	54	3972870.880	3563.056	2.0680	0.0007	30.956	-.0210	00	250671.104	30	250644.826
35	55	3974719.435	3563.740	2.0672	0.0007	30.895	-.0211	00	250618.543	30	250592.254
	56	3976567.996	3564.423	2.0664	0.0007	30.834	-.0211	00	250565.960	30	250539.661
	57	3978416.561	3565.105	2.0657	0.0007	30.773	-.0211	00	250513.356	30	250487.046
	58	3980265.132	3565.786	2.0649	0.0007	30.712	-.0211	00	250460.731	30	250434.410
	59	3982113.708	3566.465	2.0641	0.0007	30.651	-.0212	00	250408.084	30	250381.753
36	00	3983962.288	3567.143	2.0633	0.0007	30.590	-.0212	00	250355.416	30	250329.074

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
36	0	3983962.288	3567.143	2.0633	0.0007	30.590	-.0212	00	250355.416	30	250329.074
	1	3985810.874	3567.820	2.0625	0.0007	30.529	-.0212	00	250302.727	30	250276.375
	2	3987659.466	3568.496	2.0617	0.0007	30.468	-.0213	00	250250.017	30	250223.654
	3	3989508.062	3569.171	2.0610	0.0007	30.407	-.0213	00	250197.286	30	250170.912
	4	3991356.663	3569.844	2.0602	0.0007	30.346	-.0213	00	250144.533	30	250118.149
36	5	3993205.270	3570.516	2.0594	0.0007	30.285	-.0214	00	250091.759	30	250065.364
	6	3995053.882	3571.187	2.0586	0.0007	30.224	-.0214	00	250038.964	30	250012.558
	7	3996902.499	3571.857	2.0578	0.0007	30.163	-.0214	00	249986.147	30	249959.731
	8	3998751.121	3572.526	2.0570	0.0007	30.103	-.0215	00	249933.310	30	249906.883
	9	4000599.748	3573.193	2.0562	0.0007	30.042	-.0215	00	249880.451	30	249854.014
36	10	4002448.381	3573.859	2.0554	0.0007	29.981	-.0215	00	249827.571	30	249801.123
	11	4004297.018	3574.524	2.0546	0.0007	29.920	-.0216	00	249774.670	30	249748.211
	12	4006145.661	3575.188	2.0538	0.0007	29.859	-.0216	00	249721.748	30	249695.278
	13	4007994.309	3575.850	2.0530	0.0007	29.798	-.0216	00	249668.804	30	249642.324
	14	4009842.962	3576.512	2.0522	0.0007	29.738	-.0217	00	249615.839	30	249589.349
36	15	4011691.620	3577.172	2.0514	0.0007	29.677	-.0217	00	249562.853	30	249536.353
	16	4013540.283	3577.831	2.0506	0.0007	29.616	-.0217	00	249509.846	30	249483.335
	17	4015388.952	3578.488	2.0498	0.0007	29.555	-.0218	00	249456.818	30	249430.296
	18	4017237.626	3579.145	2.0490	0.0007	29.495	-.0218	00	249403.769	30	249377.236
	19	4019086.305	3579.800	2.0482	0.0007	29.434	-.0218	00	249350.698	30	249324.155
36	20	4020934.989	3580.454	2.0474	0.0007	29.373	-.0218	00	249297.606	30	249271.053
	21	4022783.678	3581.107	2.0466	0.0007	29.312	-.0219	00	249244.494	30	249217.929
	22	4024632.372	3581.759	2.0458	0.0007	29.252	-.0219	00	249191.360	30	249164.785
	23	4026481.072	3582.409	2.0449	0.0007	29.191	-.0219	00	249138.204	30	249111.619
	24	4028329.776	3583.058	2.0441	0.0007	29.130	-.0220	00	249085.028	30	249058.432
36	25	4030178.486	3583.706	2.0433	0.0007	29.070	-.0220	00	249031.831	30	249005.224
	26	4032027.201	3584.353	2.0425	0.0007	29.009	-.0220	00	248978.612	30	248951.995
	27	4033875.922	3584.999	2.0417	0.0007	28.948	-.0221	00	248925.372	30	248898.745
	28	4035724.647	3585.643	2.0409	0.0007	28.888	-.0221	00	248872.112	30	248845.473
	29	4037573.378	3586.286	2.0400	0.0007	28.827	-.0221	00	248818.830	30	248792.181
36	30	4039422.113	3586.928	2.0392	0.0007	28.766	-.0222	00	248765.527	30	248738.867
	31	4041270.854	3587.569	2.0384	0.0007	28.706	-.0222	00	248712.203	30	248685.533
	32	4043119.600	3588.208	2.0376	0.0007	28.645	-.0222	00	248658.857	30	248632.177
	33	4044968.352	3588.847	2.0367	0.0007	28.585	-.0222	00	248605.491	30	248578.800
	34	4046817.108	3589.484	2.0359	0.0007	28.524	-.0223	00	248552.104	30	248525.402
36	35	4048665.870	3590.120	2.0351	0.0007	28.463	-.0223	00	248498.695	30	248471.983
	36	4050514.637	3590.754	2.0342	0.0007	28.403	-.0223	00	248445.265	30	248418.543
	37	4052363.409	3591.388	2.0334	0.0007	28.342	-.0224	00	248391.815	30	248365.081
	38	4054212.186	3592.020	2.0326	0.0007	28.282	-.0224	00	248338.343	30	248311.599
	39	4056060.968	3592.651	2.0317	0.0007	28.221	-.0224	00	248284.850	30	248258.096
36	40	4057909.756	3593.281	2.0309	0.0007	28.161	-.0225	00	248231.336	30	248204.571
	41	4059758.548	3593.909	2.0301	0.0007	28.100	-.0225	00	248177.801	30	248151.026
	42	4061607.346	3594.537	2.0292	0.0007	28.040	-.0225	00	248124.245	30	248097.459
	43	4063456.149	3595.163	2.0284	0.0007	27.979	-.0226	00	248070.668	30	248043.872
	44	4065304.958	3595.788	2.0276	0.0007	27.919	-.0226	00	248017.070	30	247990.263
36	45	4067153.771	3596.412	2.0267	0.0007	27.858	-.0226	00	247963.451	30	247936.633
	46	4069002.590	3597.034	2.0259	0.0007	27.798	-.0226	00	247909.810	30	247882.982
	47	4070851.414	3597.656	2.0250	0.0007	27.737	-.0227	00	247856.149	30	247829.311
	48	4072700.243	3598.276	2.0242	0.0007	27.677	-.0227	00	247802.467	30	247775.618
	49	4074549.077	3598.895	2.0233	0.0007	27.617	-.0227	00	247748.764	30	247721.904
36	50	4076397.917	3599.512	2.0225	0.0007	27.556	-.0228	00	247695.039	30	247668.169
	51	4078246.761	3600.129	2.0216	0.0007	27.496	-.0228	00	247641.294	30	247614.413
	52	4080095.611	3600.744	2.0208	0.0007	27.436	-.0228	00	247587.527	30	247560.636
	53	4081944.466	3601.358	2.0199	0.0007	27.375	-.0228	00	247533.740	30	247506.839
	54	4083793.326	3601.971	2.0191	0.0007	27.315	-.0229	00	247479.932	30	247453.020
36	55	4085642.192	3602.582	2.0182	0.0007	27.254	-.0229	00	247426.102	30	247399.180
	56	4087491.062	3603.193	2.0174	0.0007	27.194	-.0229	00	247372.252	30	247345.319
	57	4089339.938	3603.802	2.0165	0.0007	27.134	-.0230	00	247318.380	30	247291.437
	58	4091188.819	3604.410	2.0156	0.0006	27.074	-.0230	00	247264.488	30	247237.534
	59	4093037.706	3605.016	2.0148	0.0006	27.013	-.0230	00	247210.575	30	247183.610
37	00	4094886.597	3605.622	2.0139	0.0006	26.953	-.0231	00	247156.640	30	247129.665

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
37	0	4094886.597	3605.622	2.0139	0.0006	26.953	-.0231	00	247156.640	30	247129.665
	1	4096735.494	3606.226	2.0131	0.0006	26.893	-.0231	00	247102.685	30	247075.699
	2	4098584.396	3606.829	2.0122	0.0006	26.833	-.0231	00	247048.709	30	247021.713
	3	4100433.303	3607.431	2.0113	0.0006	26.772	-.0231	00	246994.711	30	246967.705
	4	4102282.215	3608.032	2.0105	0.0006	26.712	-.0232	00	246940.693	30	246913.676
37	5	4104131.132	3608.631	2.0096	0.0006	26.652	-.0232	00	246886.654	30	246859.627
	6	4105980.055	3609.229	2.0087	0.0006	26.592	-.0232	00	246832.594	30	246805.556
	7	4107828.983	3609.826	2.0079	0.0006	26.531	-.0233	00	246778.513	30	246751.464
	8	4109677.916	3610.422	2.0070	0.0006	26.471	-.0233	00	246724.411	30	246697.352
	9	4111526.854	3611.016	2.0061	0.0006	26.411	-.0233	00	246670.288	30	246643.218
37	10	4113375.798	3611.610	2.0052	0.0006	26.351	-.0233	00	246616.144	30	246589.064
	11	4115224.747	3612.202	2.0044	0.0006	26.291	-.0234	00	246561.979	30	246534.889
	12	4117073.701	3612.793	2.0035	0.0006	26.231	-.0234	00	246507.793	30	246480.693
	13	4118922.660	3613.382	2.0026	0.0006	26.171	-.0234	00	246453.587	30	246426.475
	14	4120771.624	3613.971	2.0017	0.0006	26.111	-.0235	00	246399.359	30	246372.237
37	15	4122620.594	3614.558	2.0008	0.0006	26.051	-.0235	00	246345.110	30	246317.978
	16	4124469.569	3615.144	2.0000	0.0006	25.990	-.0235	00	246290.841	30	246263.698
	17	4126318.549	3615.729	1.9991	0.0006	25.930	-.0235	00	246236.551	30	246209.398
	18	4128167.534	3616.312	1.9982	0.0006	25.870	-.0236	00	246182.239	30	246155.076
	19	4130016.524	3616.894	1.9973	0.0006	25.810	-.0236	00	246127.907	30	246100.733
37	20	4131865.520	3617.475	1.9964	0.0006	25.750	-.0236	00	246073.554	30	246046.370
	21	4133714.521	3618.055	1.9955	0.0006	25.690	-.0237	00	246019.180	30	245991.986
	22	4135563.527	3618.634	1.9946	0.0006	25.630	-.0237	00	245964.786	30	245937.580
	23	4137412.538	3619.211	1.9938	0.0006	25.570	-.0237	00	245910.370	30	245883.154
	24	4139261.555	3619.788	1.9929	0.0006	25.510	-.0237	00	245855.933	30	245828.707
37	25	4141110.577	3620.362	1.9920	0.0006	25.450	-.0238	00	245801.476	30	245774.239
	26	4142959.604	3620.936	1.9911	0.0006	25.391	-.0238	00	245746.998	30	245719.751
	27	4144808.636	3621.509	1.9902	0.0006	25.331	-.0238	00	245692.499	30	245665.241
	28	4146657.674	3622.080	1.9893	0.0006	25.271	-.0238	00	245637.979	30	245610.711
	29	4148506.716	3622.650	1.9884	0.0006	25.211	-.0239	00	245583.438	30	245556.159
37	30	4150355.764	3623.219	1.9875	0.0006	25.151	-.0239	00	245528.876	30	245501.587
	31	4152204.817	3623.787	1.9866	0.0006	25.091	-.0239	00	245474.293	30	245446.994
	32	4154053.876	3624.353	1.9857	0.0006	25.031	-.0240	00	245419.690	30	245392.381
	33	4155902.939	3624.918	1.9848	0.0006	24.971	-.0240	00	245365.066	30	245337.746
	34	4157752.008	3625.482	1.9839	0.0006	24.912	-.0240	00	245310.421	30	245283.091
37	35	4159601.082	3626.045	1.9830	0.0006	24.852	-.0240	00	245255.755	30	245228.414
	36	4161450.162	3626.606	1.9821	0.0006	24.792	-.0241	00	245201.068	30	245173.717
	37	4163299.246	3627.166	1.9812	0.0006	24.732	-.0241	00	245146.361	30	245118.999
	38	4165148.336	3627.726	1.9802	0.0006	24.672	-.0241	00	245091.633	30	245064.261
	39	4166997.431	3628.283	1.9793	0.0006	24.613	-.0241	00	245036.883	30	245009.501
37	40	4168846.532	3628.840	1.9784	0.0006	24.553	-.0242	00	244982.113	30	244954.721
	41	4170695.637	3629.395	1.9775	0.0006	24.493	-.0242	00	244927.323	30	244899.920
	42	4172544.748	3629.949	1.9766	0.0006	24.434	-.0242	00	244872.511	30	244845.098
	43	4174393.864	3630.502	1.9757	0.0006	24.374	-.0243	00	244817.679	30	244790.255
	44	4176242.985	3631.054	1.9748	0.0006	24.314	-.0243	00	244762.826	30	244735.392
37	45	4178092.112	3631.604	1.9738	0.0006	24.254	-.0243	00	244707.952	30	244680.507
	46	4179941.243	3632.154	1.9729	0.0006	24.195	-.0243	00	244653.057	30	244625.602
	47	4181790.380	3632.702	1.9720	0.0006	24.135	-.0244	00	244598.142	30	244570.677
	48	4183639.523	3633.248	1.9711	0.0006	24.076	-.0244	00	244543.206	30	244515.730
	49	4185488.670	3633.794	1.9702	0.0006	24.016	-.0244	00	244488.249	30	244460.763
37	50	4187337.823	3634.338	1.9692	0.0006	23.956	-.0244	00	244433.271	30	244405.775
	51	4189186.981	3634.881	1.9683	0.0006	23.897	-.0245	00	244378.273	30	244350.766
	52	4191036.144	3635.423	1.9674	0.0006	23.837	-.0245	00	244323.254	30	244295.736
	53	4192885.312	3635.964	1.9665	0.0006	23.778	-.0245	00	244268.214	30	244240.686
	54	4194734.486	3636.503	1.9655	0.0006	23.718	-.0245	00	244213.153	30	244185.615
37	55	4196583.665	3637.041	1.9646	0.0006	23.659	-.0246	00	244158.072	30	244130.523
	56	4198432.849	3637.578	1.9637	0.0006	23.599	-.0246	00	244102.969	30	244075.411
	57	4200282.039	3638.114	1.9627	0.0006	23.540	-.0246	00	244047.847	30	244020.277
	58	4202131.233	3638.648	1.9618	0.0006	23.480	-.0246	00	243992.703	30	243965.124
	59	4203980.433	3639.182	1.9609	0.0006	23.421	-.0247	00	243937.539	30	243909.949
38	00	4205829.638	3639.714	1.9599	0.0006	23.361	-.0247	00	243882.354	30	243854.753

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
38	0	4205829.638	3639.714	1.9599	0.0006	23.361	-.0247	00	243882.354	30	243854.753
	1	4207678.849	3640.245	1.9590	0.0006	23.302	-.0247	00	243827.148	30	243799.537
	2	4209528.065	3640.774	1.9581	0.0006	23.242	-.0247	00	243771.922	30	243744.301
	3	4211377.286	3641.302	1.9571	0.0006	23.183	-.0248	00	243716.675	30	243689.043
	4	4213226.512	3641.829	1.9562	0.0006	23.124	-.0248	00	243661.407	30	243633.765
38	5	4215075.743	3642.355	1.9552	0.0006	23.064	-.0248	00	243606.118	30	243578.466
	6	4216924.980	3642.880	1.9543	0.0006	23.005	-.0248	00	243550.809	30	243523.147
	7	4218774.222	3643.403	1.9534	0.0006	22.945	-.0249	00	243495.479	30	243467.806
	8	4220623.469	3643.926	1.9524	0.0006	22.886	-.0249	00	243440.129	30	243412.446
	9	4222472.722	3644.446	1.9515	0.0006	22.827	-.0249	00	243384.757	30	243357.064
38	10	4224321.980	3644.966	1.9505	0.0006	22.767	-.0250	00	243329.366	30	243301.662
	11	4226171.243	3645.485	1.9496	0.0006	22.708	-.0250	00	243273.953	30	243246.239
	12	4228020.511	3646.002	1.9486	0.0005	22.649	-.0250	00	243218.520	30	243190.795
	13	4229869.785	3646.518	1.9477	0.0005	22.590	-.0250	00	243163.066	30	243135.331
	14	4231719.064	3647.033	1.9467	0.0005	22.530	-.0251	00	243107.591	30	243079.847
38	15	4233568.348	3647.546	1.9458	0.0005	22.471	-.0251	00	243052.096	30	243024.341
	16	4235417.637	3648.059	1.9448	0.0005	22.412	-.0251	00	242996.581	30	242968.815
	17	4237266.932	3648.570	1.9438	0.0005	22.353	-.0251	00	242941.044	30	242913.268
	18	4239116.232	3649.079	1.9429	0.0005	22.294	-.0252	00	242885.487	30	242857.701
	19	4240965.537	3649.588	1.9419	0.0005	22.234	-.0252	00	242829.909	30	242802.113
38	20	4242814.847	3650.095	1.9410	0.0005	22.175	-.0252	00	242774.311	30	242746.504
	21	4244664.163	3650.602	1.9400	0.0005	22.116	-.0252	00	242718.692	30	242690.875
	22	4246513.484	3651.106	1.9391	0.0005	22.057	-.0252	00	242663.053	30	242635.225
	23	4248362.810	3651.610	1.9381	0.0005	21.998	-.0253	00	242607.393	30	242579.555
	24	4250212.142	3652.113	1.9371	0.0005	21.939	-.0253	00	242551.712	30	242523.864
38	25	4252061.479	3652.614	1.9362	0.0005	21.880	-.0253	00	242496.011	30	242468.152
	26	4253910.821	3653.114	1.9352	0.0005	21.821	-.0253	00	242440.289	30	242412.420
	27	4255760.168	3653.612	1.9342	0.0005	21.762	-.0254	00	242384.546	30	242356.667
	28	4257609.521	3654.110	1.9333	0.0005	21.703	-.0254	00	242328.783	30	242300.894
	29	4259458.878	3654.606	1.9323	0.0005	21.644	-.0254	00	242272.999	30	242245.100
38	30	4261308.242	3655.101	1.9313	0.0005	21.585	-.0254	00	242217.195	30	242189.285
	31	4263157.610	3655.595	1.9303	0.0005	21.526	-.0255	00	242161.370	30	242133.450
	32	4265006.984	3656.088	1.9294	0.0005	21.467	-.0255	00	242105.525	30	242077.595
	33	4266856.363	3656.579	1.9284	0.0005	21.408	-.0255	00	242049.659	30	242021.718
	34	4268705.747	3657.069	1.9274	0.0005	21.349	-.0255	00	241993.773	30	241965.822
38	35	4270555.137	3657.558	1.9264	0.0005	21.290	-.0256	00	241937.865	30	241909.904
	36	4272404.532	3658.045	1.9255	0.0005	21.231	-.0256	00	241881.938	30	241853.966
	37	4274253.932	3658.532	1.9245	0.0005	21.172	-.0256	00	241825.990	30	241798.008
	38	4276103.337	3659.017	1.9235	0.0005	21.113	-.0256	00	241770.021	30	241742.029
	39	4277952.748	3659.501	1.9225	0.0005	21.054	-.0257	00	241714.032	30	241686.030
38	40	4279802.164	3659.983	1.9215	0.0005	20.996	-.0257	00	241658.022	30	241630.010
	41	4281651.585	3660.465	1.9206	0.0005	20.937	-.0257	00	241601.992	30	241573.969
	42	4283501.012	3660.945	1.9196	0.0005	20.878	-.0257	00	241545.941	30	241517.908
	43	4285350.444	3661.424	1.9186	0.0005	20.819	-.0258	00	241489.870	30	241461.826
	44	4287199.881	3661.902	1.9176	0.0005	20.760	-.0258	00	241433.778	30	241405.724
38	45	4289049.323	3662.378	1.9166	0.0005	20.702	-.0258	00	241377.666	30	241349.602
	46	4290898.771	3662.853	1.9156	0.0005	20.643	-.0258	00	241321.533	30	241293.459
	47	4292748.224	3663.327	1.9146	0.0005	20.584	-.0258	00	241265.380	30	241237.295
	48	4294597.682	3663.800	1.9136	0.0005	20.526	-.0259	00	241209.206	30	241181.111
	49	4296447.146	3664.272	1.9127	0.0005	20.467	-.0259	00	241153.011	30	241124.907
38	50	4298296.614	3664.742	1.9117	0.0005	20.408	-.0259	00	241096.797	30	241068.682
	51	4300146.089	3665.211	1.9107	0.0005	20.350	-.0259	00	241040.561	30	241012.436
	52	4301995.568	3665.679	1.9097	0.0005	20.291	-.0260	00	240984.306	30	240956.170
	53	4303845.053	3666.145	1.9087	0.0005	20.232	-.0260	00	240928.029	30	240899.884
	54	4305694.543	3666.611	1.9077	0.0005	20.174	-.0260	00	240871.733	30	240843.577
38	55	4307544.038	3667.075	1.9067	0.0005	20.115	-.0260	00	240815.416	30	240787.249
	56	4309393.539	3667.538	1.9057	0.0005	20.057	-.0260	00	240759.078	30	240730.902
	57	4311243.045	3667.999	1.9047	0.0005	19.998	-.0261	00	240702.720	30	240674.533
	58	4313092.556	3668.460	1.9037	0.0005	19.939	-.0261	00	240646.342	30	240618.145
	59	4314942.072	3668.919	1.9027	0.0005	19.881	-.0261	00	240589.943	30	240561.736
39	00	4316791.594	3669.377	1.9017	0.0005	19.822	-.0261	00	240533.523	30	240505.306

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
39	0	4316791.594	3669.377	1.9017	0.00C5	19.822	-.0261	00	240533.523	30	240505.306
	1	4318641.121	3669.833	1.9007	0.0005	19.764	-.0262	00	240477.084	30	240448.856
	2	4320490.654	3670.289	1.8997	0.00C5	19.706	-.0262	00	240420.623	30	240392.386
	3	4322340.192	3670.743	1.8986	0.00C5	19.647	-.0262	00	240364.143	30	240335.895
	4	4324189.735	3671.196	1.8976	0.00C5	19.589	-.0262	00	240307.642	30	240279.383
39	5	4326039.283	3671.647	1.8966	0.00C5	19.530	-.0263	00	240251.120	30	240222.852
	6	4327888.836	3672.098	1.8956	0.0005	19.472	-.0263	00	240194.578	30	240166.300
	7	4329738.395	3672.547	1.8946	0.0005	19.413	-.0263	00	240138.016	30	240109.727
	8	4331587.960	3672.995	1.8936	0.0005	19.355	-.0263	00	240081.433	30	240053.134
	9	4333437.529	3673.442	1.8926	0.00C5	19.297	-.0263	00	240024.830	30	239996.521
39	10	4335287.104	3673.887	1.8916	0.00C5	19.238	-.0264	00	239968.207	30	239939.887
	11	4337136.684	3674.331	1.8905	0.00C5	19.180	-.0264	00	239911.563	30	239883.233
	12	4338986.269	3674.774	1.8895	0.0005	19.122	-.0264	00	239854.899	30	239826.559
	13	4340835.860	3675.216	1.8885	0.0005	19.064	-.0264	00	239798.214	30	239769.864
	14	4342685.456	3675.657	1.8875	0.0005	19.005	-.0264	00	239741.509	30	239713.149
39	15	4344535.058	3676.096	1.8865	0.0005	18.947	-.0265	00	239684.784	30	239656.413
	16	4346384.664	3676.534	1.8854	0.00C5	18.889	-.0265	00	239628.038	30	239599.658
	17	4348234.276	3676.971	1.8844	0.0005	18.831	-.0265	00	239571.272	30	239542.881
	18	4350083.894	3677.406	1.8834	0.0005	18.772	-.0265	00	239514.486	30	239486.085
	19	4351933.516	3677.840	1.8824	0.0005	18.714	-.0266	00	239457.679	30	239429.268
39	20	4353783.144	3678.273	1.8813	0.0005	18.656	-.0266	00	239400.852	30	239372.430
	21	4355632.777	3678.705	1.8803	0.00C5	18.598	-.0266	00	239344.004	30	239315.573
	22	4357482.416	3679.136	1.8793	0.0005	18.540	-.0266	00	239287.136	30	239258.695
	23	4359332.060	3679.565	1.8783	0.0005	18.482	-.0266	00	239230.248	30	239201.797
	24	4361181.709	3679.993	1.8772	0.0005	18.424	-.0267	00	239173.340	30	239144.878
39	25	4363031.363	3680.420	1.8762	0.00C5	18.366	-.0267	00	239116.411	30	239087.939
	26	4364881.023	3680.846	1.8752	0.0005	18.308	-.0267	00	239059.462	30	239030.980
	27	4366730.688	3681.270	1.8741	0.0004	18.250	-.0267	00	239002.493	30	238974.000
	28	4368580.359	3681.693	1.8731	0.0004	18.192	-.0267	00	238945.503	30	238917.000
	29	4370430.034	3682.115	1.8721	0.00C4	18.134	-.0268	00	238888.493	30	238859.980
39	30	4372279.715	3682.535	1.8710	0.00C4	18.076	-.0268	00	238831.463	30	238802.940
	31	4374129.402	3682.955	1.8700	0.0004	18.018	-.0268	00	238774.412	30	238745.879
	32	4375979.094	3683.373	1.8690	0.00C4	17.960	-.0268	00	238717.341	30	238688.798
	33	4377828.791	3683.790	1.8679	0.0004	17.902	-.0268	00	238660.250	30	238631.697
	34	4379678.493	3684.205	1.8669	0.00C4	17.844	-.0269	00	238603.139	30	238574.575
39	35	4381528.201	3684.620	1.8658	0.00C4	17.786	-.0269	00	238546.007	30	238517.433
	36	4383377.914	3685.033	1.8648	0.00C4	17.728	-.0269	00	238488.855	30	238460.271
	37	4385227.632	3685.445	1.8637	0.0004	17.670	-.0269	00	238431.683	30	238403.089
	38	4387077.355	3685.855	1.8627	0.0004	17.613	-.0269	00	238374.490	30	238345.886
	39	4388927.084	3686.265	1.8616	0.0004	17.555	-.0270	00	238317.277	30	238288.663
39	40	4390776.819	3686.673	1.8606	0.0004	17.497	-.0270	00	238260.044	30	238231.420
	41	4392626.558	3687.080	1.8596	0.0004	17.439	-.0270	00	238202.791	30	238174.157
	42	4394476.303	3687.485	1.8585	0.0004	17.381	-.0270	00	238145.518	30	238116.873
	43	4396326.053	3687.890	1.8575	0.0004	17.324	-.0270	00	238088.224	30	238059.570
	44	4398175.809	3688.293	1.8564	0.0004	17.266	-.0271	00	238030.910	30	238002.245
39	45	4400025.570	3688.695	1.8554	0.0004	17.208	-.0271	00	237973.576	30	237944.901
	46	4401875.336	3689.096	1.8543	0.00C4	17.151	-.0271	00	237916.221	30	237887.537
	47	4403725.108	3689.495	1.8532	0.0004	17.093	-.0271	00	237858.847	30	237830.152
	48	4405574.884	3689.893	1.8522	0.0004	17.035	-.0271	00	237801.452	30	237772.747
	49	4407424.667	3690.290	1.8511	0.0004	16.978	-.0272	00	237744.037	30	237715.322
39	50	4409274.454	3690.686	1.8501	0.0004	16.920	-.0272	00	237686.602	30	237657.876
	51	4411124.247	3691.080	1.8490	0.0004	16.862	-.0272	00	237629.146	30	237600.411
	52	4412974.045	3691.473	1.8480	0.0004	16.805	-.0272	00	237571.671	30	237542.925
	53	4414823.849	3691.865	1.8469	0.0004	16.747	-.0272	00	237514.175	30	237485.419
	54	4416673.658	3692.256	1.8458	0.00C4	16.690	-.0273	00	237456.659	30	237427.893
39	55	4418523.472	3692.645	1.8448	0.00C4	16.632	-.0273	00	237399.123	30	237370.347
	56	4420373.291	3693.033	1.8437	0.0004	16.575	-.0273	00	237341.566	30	237312.780
	57	4422223.116	3693.420	1.8426	0.0004	16.517	-.0273	00	237283.990	30	237255.194
	58	4424072.946	3693.806	1.8416	0.0004	16.460	-.0273	00	237226.393	30	237197.587
	59	4425922.782	3694.190	1.8405	0.0004	16.402	-.0274	00	237168.776	30	237139.960
40	00	4427772.623	3694.574	1.8394	0.0004	16.345	-.0274	00	237111.139	30	237082.313

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
40	0	4427772.623	3694.574	1.8394	0.0004	16.345	-.0274	00	237111.139	30	237082.313
	1	4429622.469	3694.956	1.8384	0.0004	16.288	-.0274	00	237053.482	30	237024.646
	2	4431472.321	3695.336	1.8373	0.0004	16.230	-.0274	00	236995.805	30	236966.958
	3	4433322.177	3695.716	1.8362	0.0004	16.173	-.0274	00	236938.107	30	236909.251
	4	4435172.040	3696.094	1.8352	0.0004	16.116	-.0275	00	236880.390	30	236851.523
40	5	4437021.907	3696.471	1.8341	0.0004	16.058	-.0275	00	236822.652	30	236793.776
	6	4438871.780	3696.846	1.8330	0.0004	16.001	-.0275	00	236764.894	30	236736.008
	7	4440721.658	3697.221	1.8319	0.0004	15.944	-.0275	00	236707.116	30	236678.220
	8	4442571.542	3697.594	1.8309	0.0004	15.886	-.0275	00	236649.318	30	236620.411
	9	4444421.431	3697.966	1.8298	0.0004	15.829	-.0276	00	236591.500	30	236562.583
40	10	4446271.325	3698.337	1.8287	0.0004	15.772	-.0276	00	236533.662	30	236504.735
	11	4448121.225	3698.706	1.8276	0.0004	15.715	-.0276	00	236475.803	30	236446.866
	12	4449971.130	3699.074	1.8266	0.0004	15.658	-.0276	00	236417.925	30	236388.978
	13	4451821.040	3699.441	1.8255	0.0004	15.600	-.0276	00	236360.026	30	236331.069
	14	4453670.956	3699.807	1.8244	0.0004	15.543	-.0276	00	236302.107	30	236273.140
40	15	4455520.876	3700.171	1.8233	0.0004	15.486	-.0277	00	236244.169	30	236215.192
	16	4457370.803	3700.534	1.8222	0.0004	15.429	-.0277	00	236186.210	30	236157.223
	17	4459220.734	3700.896	1.8211	0.0004	15.372	-.0277	00	236128.231	30	236099.234
	18	4461070.671	3701.257	1.8201	0.0004	15.315	-.0277	00	236070.232	30	236041.225
	19	4462920.614	3701.616	1.8190	0.0004	15.258	-.0277	00	236012.213	30	235983.196
40	20	4464770.562	3701.975	1.8179	0.0004	15.201	-.0278	00	235954.174	30	235925.147
	21	4466620.515	3702.332	1.8168	0.0004	15.144	-.0278	00	235896.114	30	235867.077
	22	4468470.473	3702.687	1.8157	0.0004	15.087	-.0278	00	235838.035	30	235808.988
	23	4470320.437	3703.042	1.8146	0.0004	15.030	-.0278	00	235779.936	30	235750.879
	24	4472170.406	3703.395	1.8135	0.0004	14.973	-.0278	00	235721.817	30	235692.749
40	25	4474020.380	3703.747	1.8124	0.0004	14.916	-.0278	00	235663.677	30	235634.600
	26	4475870.360	3704.097	1.8113	0.0004	14.859	-.0279	00	235605.518	30	235576.431
	27	4477720.345	3704.447	1.8102	0.0004	14.802	-.0279	00	235547.339	30	235518.241
	28	4479570.336	3704.795	1.8091	0.0004	14.745	-.0279	00	235489.139	30	235460.032
	29	4481420.331	3705.142	1.8080	0.0004	14.689	-.0279	00	235430.920	30	235401.802
40	30	4483270.333	3705.487	1.8070	0.0004	14.632	-.0279	00	235372.680	30	235343.553
	31	4485120.339	3705.832	1.8059	0.0004	14.575	-.0279	00	235314.421	30	235285.283
	32	4486970.351	3706.175	1.8048	0.0004	14.518	-.0280	00	235256.141	30	235226.994
	33	4488820.368	3706.517	1.8037	0.0004	14.461	-.0280	00	235197.842	30	235168.685
	34	4490670.391	3706.857	1.8026	0.0004	14.405	-.0280	00	235139.522	30	235110.355
40	35	4492520.419	3707.197	1.8015	0.0004	14.348	-.0280	00	235081.183	30	235052.006
	36	4494370.452	3707.535	1.8003	0.0004	14.291	-.0280	00	235022.823	30	234993.636
	37	4496220.491	3707.872	1.7992	0.0004	14.235	-.0280	00	234964.444	30	234935.247
	38	4498070.535	3708.207	1.7981	0.0004	14.178	-.0281	00	234906.045	30	234876.837
	39	4499920.584	3708.542	1.7970	0.0004	14.121	-.0281	00	234847.625	30	234818.408
40	40	4501770.639	3708.875	1.7959	0.0004	14.065	-.0281	00	234789.186	30	234759.959
	41	4503620.699	3709.207	1.7948	0.0004	14.008	-.0281	00	234730.727	30	234701.490
	42	4505470.765	3709.537	1.7937	0.0004	13.952	-.0281	00	234672.247	30	234643.000
	43	4507320.835	3709.867	1.7926	0.0004	13.895	-.0281	00	234613.748	30	234584.491
	44	4509170.912	3710.195	1.7915	0.0003	13.838	-.0282	00	234555.229	30	234525.962
40	45	4511020.993	3710.522	1.7904	0.0003	13.782	-.0282	00	234496.690	30	234467.413
	46	4512871.080	3710.847	1.7893	0.0003	13.725	-.0282	00	234438.131	30	234408.844
	47	4514721.172	3711.171	1.7882	0.0003	13.669	-.0282	00	234379.552	30	234350.255
	48	4516571.270	3711.495	1.7870	0.0003	13.613	-.0282	00	234320.953	30	234291.646
	49	4518421.373	3711.816	1.7859	0.0003	13.556	-.0282	00	234262.335	30	234233.018
40	50	4520271.481	3712.137	1.7848	0.0003	13.500	-.0283	00	234203.696	30	234174.369
	51	4522121.595	3712.456	1.7837	0.0003	13.443	-.0283	00	234145.037	30	234115.700
	52	4523971.714	3712.774	1.7826	0.0003	13.387	-.0283	00	234086.359	30	234057.012
	53	4525821.838	3713.091	1.7815	0.0003	13.331	-.0283	00	234027.660	30	233998.304
	54	4527671.968	3713.407	1.7803	0.0003	13.274	-.0283	00	233968.942	30	233939.575
40	55	4529522.103	3713.721	1.7792	0.0003	13.218	-.0283	00	233910.204	30	233880.827
	56	4531372.244	3714.034	1.7781	0.0003	13.162	-.0284	00	233851.446	30	233822.059
	57	4533222.390	3714.346	1.7770	0.0003	13.105	-.0284	00	233792.668	30	233763.271
	58	4535072.541	3714.656	1.7759	0.0003	13.049	-.0284	00	233733.870	30	233704.464
	59	4536922.698	3714.965	1.7747	0.0003	12.993	-.0284	00	233675.052	30	233645.636
41	00	4538772.860	3715.273	1.7736	0.0003	12.937	-.0284	00	233616.215	30	233586.788

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
41	0	4538772.860	3715.273	1.7736	0.0003	12.937	-.0284	00	233616.215	30	233586.788
	1	4540623.027	3715.580	1.7725	0.0003	12.881	-.0284	00	233557.357	30	233527.921
	2	4542473.200	3715.886	1.7713	0.0003	12.824	-.0285	00	233498.480	30	233469.034
	3	4544323.378	3716.190	1.7702	0.0003	12.768	-.0285	00	233439.583	30	233410.127
	4	4546173.561	3716.493	1.7691	0.0003	12.712	-.0285	00	233380.666	30	233351.200
41	5	4548023.750	3716.794	1.7680	0.0003	12.656	-.0285	00	233321.729	30	233292.253
	6	4549873.944	3717.095	1.7668	0.0003	12.600	-.0285	00	233262.772	30	233233.286
	7	4551724.144	3717.394	1.7657	0.0003	12.544	-.0285	00	233203.796	30	233174.300
	8	4553574.349	3717.692	1.7646	0.0003	12.488	-.0285	00	233144.799	30	233115.294
	9	4555424.559	3717.989	1.7634	0.0003	12.432	-.0286	00	233085.783	30	233056.268
41	10	4557274.775	3718.284	1.7623	0.0003	12.376	-.0286	00	233026.747	30	232997.222
	11	4559124.996	3718.578	1.7612	0.0003	12.320	-.0286	00	232967.691	30	232938.156
	12	4560975.222	3718.871	1.7600	0.0003	12.264	-.0286	00	232908.616	30	232879.070
	13	4562825.454	3719.163	1.7589	0.0003	12.208	-.0286	00	232849.520	30	232819.965
	14	4564675.691	3719.453	1.7578	0.0003	12.152	-.0286	00	232790.405	30	232760.840
41	15	4566525.934	3719.742	1.7566	0.0003	12.096	-.0287	00	232731.270	30	232701.695
	16	4568376.182	3720.030	1.7555	0.0003	12.041	-.0287	00	232672.115	30	232642.530
	17	4570226.435	3720.317	1.7543	0.0003	11.985	-.0287	00	232612.941	30	232583.346
	18	4572076.694	3720.602	1.7532	0.0003	11.929	-.0287	00	232553.746	30	232524.142
	19	4573926.958	3720.886	1.7521	0.0003	11.873	-.0287	00	232494.532	30	232464.918
41	20	4575777.227	3721.169	1.7509	0.0003	11.817	-.0287	00	232435.298	30	232405.674
	21	4577627.502	3721.451	1.7498	0.0003	11.762	-.0287	00	232376.044	30	232346.410
	22	4579477.782	3721.731	1.7486	0.0003	11.706	-.0288	00	232316.771	30	232287.127
	23	4581328.068	3722.010	1.7475	0.0003	11.650	-.0288	00	232257.478	30	232227.824
	24	4583178.358	3722.288	1.7463	0.0003	11.595	-.0288	00	232198.165	30	232168.501
41	25	4585028.655	3722.565	1.7452	0.0003	11.539	-.0288	00	232138.832	30	232109.158
	26	4586878.956	3722.840	1.7440	0.0003	11.483	-.0288	00	232079.480	30	232049.796
	27	4588729.264	3723.114	1.7429	0.0003	11.428	-.0288	00	232020.108	30	231990.414
	28	4590579.576	3723.387	1.7417	0.0003	11.372	-.0288	00	231960.716	30	231931.012
	29	4592429.894	3723.658	1.7406	0.0003	11.317	-.0289	00	231901.304	30	231871.591
41	30	4594280.217	3723.928	1.7394	0.0003	11.261	-.0289	00	231841.873	30	231812.150
	31	4596130.546	3724.197	1.7383	0.0003	11.205	-.0289	00	231782.422	30	231752.689
	32	4597980.880	3724.465	1.7371	0.0003	11.150	-.0289	00	231722.951	30	231693.208
	33	4599831.219	3724.732	1.7360	0.0003	11.095	-.0289	00	231663.460	30	231633.708
	34	4601681.564	3724.997	1.7348	0.0003	11.039	-.0289	00	231603.950	30	231574.188
41	35	4603531.914	3725.261	1.7337	0.0003	10.984	-.0289	00	231544.420	30	231514.648
	36	4605382.269	3725.523	1.7325	0.0003	10.928	-.0289	00	231484.871	30	231455.088
	37	4607232.630	3725.785	1.7314	0.0003	10.873	-.0290	00	231425.301	30	231395.509
	38	4609082.996	3726.045	1.7302	0.0003	10.817	-.0290	00	231365.712	30	231335.911
	39	4610933.368	3726.304	1.7290	0.0003	10.762	-.0290	00	231306.104	30	231276.292
41	40	4612783.745	3726.562	1.7279	0.0003	10.707	-.0290	00	231246.475	30	231216.654
	41	4614634.127	3726.818	1.7267	0.0003	10.652	-.0290	00	231186.828	30	231156.996
	42	4616484.515	3727.073	1.7255	0.0003	10.596	-.0290	00	231127.160	30	231097.319
	43	4618334.908	3727.327	1.7244	0.0003	10.541	-.0290	00	231067.473	30	231037.622
	44	4620185.307	3727.580	1.7232	0.0003	10.486	-.0291	00	231007.766	30	230977.905
41	45	4622035.711	3727.831	1.7221	0.0003	10.431	-.0291	00	230948.039	30	230918.168
	46	4623886.120	3728.081	1.7209	0.0003	10.375	-.0291	00	230888.293	30	230858.412
	47	4625736.535	3728.330	1.7197	0.0003	10.320	-.0291	00	230828.527	30	230798.637
	48	4627586.955	3728.577	1.7186	0.0003	10.265	-.0291	00	230768.741	30	230738.841
	49	4629437.381	3728.824	1.7174	0.0003	10.210	-.0291	00	230708.936	30	230679.026
41	50	4631287.811	3729.069	1.7162	0.0003	10.155	-.0291	00	230649.112	30	230619.192
	51	4633138.248	3729.313	1.7151	0.0003	10.100	-.0291	00	230589.267	30	230559.338
	52	4634988.689	3729.555	1.7139	0.0003	10.045	-.0292	00	230529.403	30	230499.464
	53	4636839.136	3729.796	1.7127	0.0003	9.990	-.0292	00	230469.520	30	230439.571
	54	4638689.589	3730.036	1.7115	0.0003	9.935	-.0292	00	230409.616	30	230379.658
41	55	4640540.047	3730.275	1.7104	0.0003	9.880	-.0292	00	230349.694	30	230319.725
	56	4642390.510	3730.513	1.7092	0.0003	9.825	-.0292	00	230289.751	30	230259.773
	57	4644240.978	3730.749	1.7080	0.0003	9.770	-.0292	00	230229.789	30	230199.801
	58	4646091.452	3730.984	1.7068	0.0003	9.715	-.0292	00	230169.808	30	230139.810
	59	4647941.932	3731.217	1.7057	0.0003	9.660	-.0292	00	230109.807	30	230079.799
42	00	4649792.417	3731.450	1.7045	0.0003	9.605	-.0293	00	230049.786	30	230019.768

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
42	0	4649792.417	3731.450	1.7045	0.0003	9.605	-.0293	00	230049.786	30	230019.768
	1	4651642.907	3731.681	1.7033	0.0003	9.551	-.0293	00	229989.746	30	229959.718
	2	4653493.402	3731.911	1.7021	0.0003	9.496	-.0293	00	229929.686	30	229899.649
	3	4655343.903	3732.139	1.7010	0.0003	9.441	-.0293	00	229869.606	30	229839.559
	4	4657194.410	3732.367	1.6998	0.0003	9.386	-.0293	00	229809.507	30	229779.451
42	5	4659044.921	3732.593	1.6986	0.0002	9.331	-.0293	00	229749.389	30	229719.322
	6	4660895.439	3732.818	1.6974	0.0002	9.277	-.0293	00	229689.251	30	229659.175
	7	4662745.961	3733.041	1.6962	0.0002	9.222	-.0293	00	229629.093	30	229599.007
	8	4664596.489	3733.264	1.6951	0.0002	9.167	-.0294	00	229568.916	30	229538.820
	9	4666447.022	3733.485	1.6939	0.0002	9.113	-.0294	00	229508.720	30	229478.614
42	10	4668297.561	3733.705	1.6927	0.0002	9.058	-.0294	00	229448.503	30	229418.388
	11	4670148.105	3733.923	1.6915	0.0002	9.003	-.0294	00	229388.268	30	229358.143
	12	4671998.655	3734.140	1.6903	0.0002	8.949	-.0294	00	229328.013	30	229297.878
	13	4673849.210	3734.356	1.6891	0.0002	8.894	-.0294	00	229267.738	30	229237.593
	14	4675699.770	3734.571	1.6879	0.0002	8.840	-.0294	00	229207.444	30	229177.289
42	15	4677550.336	3734.785	1.6868	0.0002	8.785	-.0294	00	229147.130	30	229116.966
	16	4679400.907	3734.997	1.6856	0.0002	8.731	-.0295	00	229086.797	30	229056.623
	17	4681251.483	3735.208	1.6844	0.0002	8.676	-.0295	00	229026.444	30	228996.260
	18	4683102.065	3735.417	1.6832	0.0002	8.622	-.0295	00	228966.072	30	228935.878
	19	4684952.652	3735.626	1.6820	0.0002	8.568	-.0295	00	228905.680	30	228875.477
42	20	4686803.245	3735.833	1.6808	0.0002	8.513	-.0295	00	228845.269	30	228815.056
	21	4688653.843	3736.039	1.6796	0.0002	8.459	-.0295	00	228784.838	30	228754.616
	22	4690504.447	3736.244	1.6784	0.0002	8.405	-.0295	00	228724.388	30	228694.156
	23	4692355.055	3736.447	1.6772	0.0002	8.350	-.0295	00	228663.919	30	228633.677
	24	4694205.670	3736.649	1.6760	0.0002	8.296	-.0295	00	228603.430	30	228573.178
42	25	4696056.289	3736.850	1.6748	0.0002	8.242	-.0296	00	228542.921	30	228512.660
	26	4697906.915	3737.049	1.6736	0.0002	8.187	-.0296	00	228482.393	30	228452.122
	27	4699757.545	3737.248	1.6724	0.0002	8.133	-.0296	00	228421.846	30	228391.565
	28	4701608.181	3737.445	1.6712	0.0002	8.079	-.0296	00	228361.279	30	228330.989
	29	4703458.822	3737.641	1.6700	0.0002	8.025	-.0296	00	228300.693	30	228270.393
42	30	4705309.469	3737.835	1.6688	0.0002	7.971	-.0296	00	228240.088	30	228209.778
	31	4707160.121	3738.028	1.6676	0.0002	7.917	-.0296	00	228179.463	30	228149.143
	32	4709010.778	3738.220	1.6664	0.0002	7.863	-.0296	00	228118.818	30	228088.489
	33	4710861.441	3738.411	1.6652	0.0002	7.808	-.0296	00	228058.154	30	228027.815
	34	4712712.110	3738.601	1.6640	0.0002	7.754	-.0296	00	227997.471	30	227967.122
42	35	4714562.783	3738.789	1.6628	0.0002	7.700	-.0297	00	227936.768	30	227906.410
	36	4716413.462	3738.976	1.6616	0.0002	7.646	-.0297	00	227876.046	30	227845.678
	37	4718264.147	3739.161	1.6604	0.0002	7.592	-.0297	00	227815.305	30	227784.927
	38	4720114.837	3739.346	1.6592	0.0002	7.539	-.0297	00	227754.544	30	227724.156
	39	4721965.532	3739.529	1.6580	0.0002	7.485	-.0297	00	227693.764	30	227663.367
42	40	4723816.233	3739.711	1.6568	0.0002	7.431	-.0297	00	227632.964	30	227602.557
	41	4725666.939	3739.891	1.6556	0.0002	7.377	-.0297	00	227572.145	30	227541.729
	42	4727517.651	3740.071	1.6544	0.0002	7.323	-.0297	00	227511.307	30	227480.881
	43	4729368.367	3740.249	1.6532	0.0002	7.269	-.0297	00	227450.449	30	227420.013
	44	4731219.090	3740.426	1.6520	0.0002	7.215	-.0298	00	227389.572	30	227359.127
42	45	4733069.818	3740.601	1.6507	0.0002	7.162	-.0298	00	227328.676	30	227298.221
	46	4734920.551	3740.775	1.6495	0.0002	7.108	-.0298	00	227267.760	30	227237.295
	47	4736771.289	3740.948	1.6483	0.0002	7.054	-.0298	00	227206.825	30	227176.351
	48	4738622.033	3741.120	1.6471	0.0002	7.000	-.0298	00	227145.871	30	227115.386
	49	4740472.783	3741.291	1.6459	0.0002	6.947	-.0298	00	227084.897	30	227054.403
42	50	4742323.537	3741.460	1.6447	0.0002	6.893	-.0298	00	227023.904	30	226993.400
	51	4744174.298	3741.628	1.6435	0.0002	6.840	-.0298	00	226962.892	30	226932.378
	52	4746025.063	3741.795	1.6422	0.0002	6.786	-.0298	00	226901.860	30	226871.337
	53	4747875.834	3741.960	1.6410	0.0002	6.732	-.0298	00	226840.809	30	226810.276
	54	4749726.611	3742.124	1.6398	0.0002	6.679	-.0298	00	226779.739	30	226749.197
42	55	4751577.392	3742.287	1.6386	0.0002	6.625	-.0299	00	226718.649	30	226688.097
	56	4753428.180	3742.449	1.6374	0.0002	6.572	-.0299	00	226657.540	30	226626.979
	57	4755278.972	3742.609	1.6362	0.0002	6.518	-.0299	00	226596.412	30	226565.841
	58	4757129.770	3742.768	1.6349	0.0002	6.465	-.0299	00	226535.265	30	226504.684
	59	4758980.574	3742.926	1.6337	0.0002	6.411	-.0299	00	226474.098	30	226443.508
43	00	4760831.383	3743.082	1.6325	0.0002	6.358	-.0299	00	226412.912	30	226382.312

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
43	0	4760831.383	3743.082	1.6325	0.0002	6.358	-.0299	00	226412.912	30	226382.312
	1	4762682.197	3743.238	1.6313	0.0002	6.305	-.0299	00	226351.707	30	226321.097
	2	4764533.017	3743.392	1.6300	0.0002	6.251	-.0299	00	226290.482	30	226259.863
	3	4766383.842	3743.545	1.6288	0.0002	6.198	-.0299	00	226229.239	30	226198.609
	4	4768234.672	3743.696	1.6276	0.0002	6.145	-.0299	00	226167.976	30	226137.337
43	5	4770085.508	3743.846	1.6264	0.0002	6.092	-.0299	00	226106.693	30	226076.045
	6	4771936.349	3743.995	1.6251	0.0002	6.038	-.0300	00	226045.392	30	226014.734
	7	4773787.196	3744.143	1.6239	0.0002	5.985	-.0300	00	225984.071	30	225953.403
	8	4775638.048	3744.289	1.6227	0.0002	5.932	-.0300	00	225922.731	30	225892.054
	9	4777488.906	3744.434	1.6215	0.0002	5.879	-.0300	00	225861.372	30	225830.685
43	10	4779339.769	3744.578	1.6202	0.0002	5.826	-.0300	00	225799.993	30	225769.297
	11	4781190.637	3744.721	1.6190	0.0002	5.772	-.0300	00	225738.596	30	225707.890
	12	4783041.511	3744.862	1.6178	0.0002	5.719	-.0300	00	225677.179	30	225646.463
	13	4784892.390	3745.002	1.6165	0.0002	5.666	-.0300	00	225615.743	30	225585.017
	14	4786743.275	3745.141	1.6153	0.0002	5.613	-.0300	00	225554.287	30	225523.553
43	15	4788594.165	3745.279	1.6141	0.0002	5.560	-.0300	00	225492.813	30	225462.068
	16	4790445.060	3745.415	1.6128	0.0002	5.507	-.0300	00	225431.319	30	225400.565
	17	4792295.961	3745.550	1.6116	0.0002	5.454	-.0301	00	225369.806	30	225339.043
	18	4794146.867	3745.684	1.6104	0.0002	5.401	-.0301	00	225308.274	30	225277.501
	19	4795997.779	3745.816	1.6091	0.0002	5.348	-.0301	00	225246.723	30	225215.940
43	20	4797848.696	3745.948	1.6079	0.0002	5.296	-.0301	00	225185.153	30	225154.360
	21	4799699.619	3746.077	1.6067	0.0002	5.243	-.0301	00	225123.563	30	225092.761
	22	4801550.547	3746.206	1.6054	0.0002	5.190	-.0301	00	225061.954	30	225031.143
	23	4803401.480	3746.334	1.6042	0.0002	5.137	-.0301	00	225000.327	30	224969.505
	24	4805252.419	3746.460	1.6030	0.0002	5.084	-.0301	00	224938.679	30	224907.849
43	25	4807103.363	3746.585	1.6017	0.0002	5.032	-.0301	00	224877.013	30	224846.173
	26	4808954.313	3746.708	1.6005	0.0002	4.979	-.0301	00	224815.328	30	224784.478
	27	4810805.268	3746.831	1.5992	0.0002	4.926	-.0301	00	224753.624	30	224722.764
	28	4812656.228	3746.952	1.5980	0.0002	4.874	-.0301	00	224691.900	30	224661.031
	29	4814507.194	3747.071	1.5968	0.0002	4.821	-.0301	00	224630.157	30	224599.279
43	30	4816358.165	3747.190	1.5955	0.0002	4.768	-.0302	00	224568.395	30	224537.507
	31	4818209.142	3747.307	1.5943	0.0001	4.716	-.0302	00	224506.614	30	224475.717
	32	4820060.124	3747.423	1.5930	0.0001	4.663	-.0302	00	224444.814	30	224413.907
	33	4821911.111	3747.538	1.5918	0.0001	4.611	-.0302	00	224382.995	30	224352.078
	34	4823762.104	3747.651	1.5905	0.0001	4.558	-.0302	00	224321.157	30	224290.231
43	35	4825613.103	3747.764	1.5893	0.0001	4.506	-.0302	00	224259.300	30	224228.364
	36	4827464.106	3747.875	1.5880	0.0001	4.453	-.0302	00	224197.423	30	224166.478
	37	4829315.116	3747.984	1.5868	0.0001	4.401	-.0302	00	224135.528	30	224104.573
	38	4831166.130	3748.093	1.5855	0.0001	4.348	-.0302	00	224073.613	30	224042.649
	39	4833017.150	3748.200	1.5843	0.0001	4.296	-.0302	00	224011.679	30	223980.705
43	40	4834868.176	3748.306	1.5830	0.0001	4.244	-.0302	00	223949.727	30	223918.743
	41	4836719.207	3748.410	1.5818	0.0001	4.191	-.0302	00	223887.755	30	223856.762
	42	4838570.243	3748.514	1.5806	0.0001	4.139	-.0302	00	223825.764	30	223794.761
	43	4840421.284	3748.616	1.5793	0.0001	4.087	-.0302	00	223763.754	30	223732.742
	44	4842272.332	3748.716	1.5780	0.0001	4.034	-.0303	00	223701.725	30	223670.703
43	45	4844123.384	3748.816	1.5768	0.0001	3.982	-.0303	00	223639.677	30	223608.646
	46	4845974.442	3748.914	1.5755	0.0001	3.930	-.0303	00	223577.610	30	223546.569
	47	4847825.505	3749.011	1.5743	0.0001	3.878	-.0303	00	223515.524	30	223484.474
	48	4849676.574	3749.107	1.5730	0.0001	3.826	-.0303	00	223453.419	30	223422.359
	49	4851527.648	3749.201	1.5718	0.0001	3.774	-.0303	00	223391.294	30	223360.225
43	50	4853378.728	3749.294	1.5705	0.0001	3.722	-.0303	00	223329.151	30	223298.073
	51	4855229.813	3749.386	1.5693	0.0001	3.669	-.0303	00	223266.989	30	223235.901
	52	4857080.904	3749.477	1.5680	0.0001	3.617	-.0303	00	223204.808	30	223173.710
	53	4858931.999	3749.566	1.5668	0.0001	3.565	-.0303	00	223142.608	30	223111.500
	54	4860783.101	3749.654	1.5655	0.0001	3.513	-.0303	00	223080.388	30	223049.272
43	55	4862634.208	3749.741	1.5642	0.0001	3.462	-.0303	00	223018.150	30	222987.024
	56	4864485.320	3749.827	1.5630	0.0001	3.410	-.0303	00	222955.893	30	222924.757
	57	4866336.437	3749.911	1.5617	0.0001	3.358	-.0303	00	222893.617	30	222862.472
	58	4868187.560	3749.994	1.5605	0.0001	3.306	-.0303	00	222831.322	30	222800.167
	59	4870038.689	3750.076	1.5592	0.0001	3.254	-.0303	00	222769.008	30	222737.844
44	00	4871889.822	3750.156	1.5579	0.0001	3.202	-.0304	00	222706.675	30	222675.501

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
44	0	4871889.822	3750.156	1.5579	0.0001	3.202	-.0304	00	222706.675	30	222675.501
	1	4873740.962	3750.236	1.5567	0.0001	3.150	-.0304	00	222644.323	30	222613.140
	2	4875592.106	3750.314	1.5554	0.0001	3.099	-.0304	00	222581.952	30	222550.759
	3	4877443.256	3750.390	1.5542	0.0001	3.047	-.0304	00	222519.562	30	222488.360
	4	4879294.412	3750.466	1.5529	0.0001	2.995	-.0304	00	222457.153	30	222425.941
44	5	4881145.573	3750.540	1.5516	0.0001	2.944	-.0304	00	222394.725	30	222363.504
	6	4882996.739	3750.613	1.5504	0.0001	2.892	-.0304	00	222332.278	30	222301.048
	7	4884847.911	3750.684	1.5491	0.0001	2.840	-.0304	00	222269.813	30	222238.573
	8	4886699.088	3750.755	1.5478	0.0001	2.789	-.0304	00	222207.328	30	222176.078
	9	4888550.271	3750.824	1.5466	0.0001	2.737	-.0304	00	222144.824	30	222113.565
44	10	4890401.459	3750.891	1.5453	0.0001	2.686	-.0304	00	222082.302	30	222051.034
	11	4892252.652	3750.958	1.5440	0.0001	2.634	-.0304	00	222019.761	30	221988.483
	12	4894103.851	3751.023	1.5428	0.0001	2.583	-.0304	00	221957.200	30	221925.913
	13	4895955.056	3751.087	1.5415	0.0001	2.531	-.0304	00	221894.621	30	221863.324
	14	4897806.265	3751.150	1.5402	0.0001	2.480	-.0304	00	221832.023	30	221800.717
44	15	4899657.481	3751.211	1.5390	0.0001	2.428	-.0304	00	221769.406	30	221738.091
	16	4901508.701	3751.272	1.5377	0.0001	2.377	-.0304	00	221706.770	30	221675.445
	17	4903359.927	3751.330	1.5364	0.0001	2.326	-.0304	00	221644.116	30	221612.781
	18	4905211.159	3751.388	1.5351	0.0001	2.274	-.0304	00	221581.442	30	221550.098
	19	4907062.396	3751.444	1.5339	0.0001	2.223	-.0305	00	221518.749	30	221487.396
44	20	4908913.638	3751.500	1.5326	0.0001	2.172	-.0305	00	221456.038	30	221424.675
	21	4910764.886	3751.553	1.5313	0.0001	2.120	-.0305	00	221393.308	30	221361.936
	22	4912616.139	3751.606	1.5300	0.0001	2.069	-.0305	00	221330.559	30	221299.177
	23	4914467.397	3751.657	1.5288	0.0001	2.018	-.0305	00	221267.791	30	221236.400
	24	4916318.661	3751.707	1.5275	0.0001	1.967	-.0305	00	221205.004	30	221173.604
44	25	4918169.931	3751.756	1.5262	0.0001	1.916	-.0305	00	221142.199	30	221110.789
	26	4920021.205	3751.803	1.5249	0.0001	1.865	-.0305	00	221079.374	30	221047.955
	27	4921872.486	3751.850	1.5237	0.0001	1.814	-.0305	00	221016.531	30	220985.102
	28	4923723.771	3751.895	1.5224	0.0001	1.763	-.0305	00	220953.669	30	220922.231
	29	4925575.062	3751.938	1.5211	0.0001	1.712	-.0305	00	220890.788	30	220859.341
44	30	4927426.359	3751.981	1.5198	0.0001	1.661	-.0305	00	220827.889	30	220796.432
	31	4929277.661	3752.022	1.5186	0.0001	1.610	-.0305	00	220764.970	30	220733.504
	32	4931128.968	3752.062	1.5173	0.0001	1.559	-.0305	00	220702.033	30	220670.557
	33	4932980.281	3752.100	1.5160	0.0001	1.508	-.0305	00	220639.077	30	220607.592
	34	4934831.599	3752.138	1.5147	0.0001	1.457	-.0305	00	220576.102	30	220544.607
44	35	4936682.923	3752.174	1.5134	0.0001	1.406	-.0305	00	220513.108	30	220481.604
	36	4938534.252	3752.208	1.5122	0.0001	1.355	-.0305	00	220450.096	30	220418.583
	37	4940385.587	3752.242	1.5109	0.0001	1.305	-.0305	00	220387.065	30	220355.542
	38	4942236.927	3752.274	1.5096	0.0001	1.254	-.0305	00	220324.015	30	220292.483
	39	4944088.272	3752.305	1.5083	0.0001	1.203	-.0305	00	220260.946	30	220229.404
44	40	4945939.623	3752.335	1.5070	0.0001	1.152	-.0305	00	220197.858	30	220166.308
	41	4947790.979	3752.363	1.5057	0.0001	1.102	-.0305	00	220134.752	30	220103.192
	42	4949642.340	3752.390	1.5045	0.0001	1.051	-.0306	00	220071.627	30	220040.058
	43	4951493.708	3752.416	1.5032	0.0001	1.000	-.0306	00	220008.483	30	219976.905
	44	4953345.080	3752.441	1.5019	0.0001	0.950	-.0306	00	219945.321	30	219913.733
44	45	4955196.458	3752.464	1.5006	0.0001	0.899	-.0306	00	219882.140	30	219850.542
	46	4957047.841	3752.486	1.4993	0.0001	0.849	-.0306	00	219818.940	30	219787.333
	47	4958899.230	3752.507	1.4980	0.0001	0.798	-.0306	00	219755.721	30	219724.105
	48	4960750.624	3752.527	1.4967	0.0001	0.748	-.0306	00	219692.484	30	219660.858
	49	4962602.024	3752.545	1.4954	0.0001	0.697	-.0306	00	219629.228	30	219597.593
44	50	4964453.429	3752.562	1.4942	0.0001	0.647	-.0306	00	219565.953	30	219534.308
	51	4966304.839	3752.578	1.4929	0.0001	0.597	-.0306	00	219502.659	30	219471.006
	52	4968156.255	3752.592	1.4916	0.0001	0.546	-.0306	00	219439.347	30	219407.684
	53	4970007.677	3752.605	1.4903	0.0001	0.496	-.0306	00	219376.016	30	219344.344
	54	4971859.103	3752.617	1.4890	0.0001	0.446	-.0306	00	219312.657	30	219280.985
44	55	4973710.535	3752.628	1.4877	0.0001	0.395	-.0306	00	219249.298	30	219217.607
	56	4975561.973	3752.637	1.4864	0.0001	0.345	-.0306	00	219185.912	30	219154.211
	57	4977413.416	3752.645	1.4851	0.0001	0.295	-.0306	00	219122.506	30	219090.796
	58	4979264.864	3752.652	1.4838	0.0001	0.245	-.0306	00	219059.082	30	219027.363
	59	4981116.318	3752.658	1.4825	0.0001	0.195	-.0306	00	218995.639	30	218963.910
45	00	4982967.778	3752.662	1.4812	0.0001	0.145	-.0306	00	218932.177	30	218900.439

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
45	0	4982967.778	3752.662	1.4812	0.00C1	0.145	-.0306	00	218932.177	30	218900.439
	1	4984819.242	3752.665	1.4799	0.00C1	0.094	-.0306	00	218868.697	30	218836.950
	2	4986670.713	3752.667	1.4786	0.00C1	0.044	-.0306	00	218805.198	30	218773.442
	3	4988522.188	3752.667	1.4773	0.00C1	-0.006	-.0306	00	218741.681	30	218709.915
	4	4990373.669	3752.667	1.4761	0.00C1	-0.056	-.0306	00	218678.144	30	218646.369
45	5	4992225.156	3752.665	1.4748	0.00C0	-0.106	-.0306	00	218614.590	30	218582.805
	6	4994076.647	3752.661	1.4735	0.00C0	-0.156	-.0306	00	218551.016	30	218519.223
	7	4995928.145	3752.657	1.4722	0.00C0	-0.206	-.0306	00	218487.424	30	218455.621
	8	4997779.647	3752.651	1.4709	0.00C0	-0.255	-.0306	00	218423.814	30	218392.001
	9	4999631.156	3752.644	1.4696	0.00C0	-0.305	-.0306	00	218360.184	30	218328.363
45	10	5001482.669	3752.635	1.4683	0.00C0	-0.355	-.0306	00	218296.537	30	218264.706
	11	5003334.188	3752.626	1.4670	0.00C0	-0.405	-.0306	00	218232.870	30	218201.030
	12	5005185.713	3752.615	1.4657	0.00C0	-0.455	-.0306	00	218169.185	30	218137.336
	13	5007037.242	3752.603	1.4644	0.00C0	-0.504	-.0306	00	218105.482	30	218073.623
	14	5008888.778	3752.589	1.4631	0.00C0	-0.554	-.0306	00	218041.759	30	218009.891
45	15	5010740.318	3752.574	1.4618	0.00C0	-0.604	-.0306	00	217978.019	30	217946.141
	16	5012591.864	3752.558	1.4605	0.00C0	-0.653	-.0306	00	217914.259	30	217882.373
	17	5014443.416	3752.541	1.4592	0.00C0	-0.703	-.0307	00	217850.481	30	217818.585
	18	5016294.973	3752.522	1.4579	0.00C0	-0.753	-.0307	00	217786.685	30	217754.780
	19	5018146.535	3752.503	1.4566	0.00C0	-0.802	-.0307	00	217722.870	30	217690.955
45	20	5019998.103	3752.481	1.4552	0.00C0	-0.852	-.0307	00	217659.036	30	217627.113
	21	5021849.676	3752.459	1.4539	0.00C0	-0.901	-.0307	00	217595.184	30	217563.251
	22	5023701.255	3752.435	1.4526	0.00C0	-0.951	-.0307	00	217531.314	30	217499.371
	23	5025552.839	3752.411	1.4513	0.00C0	-1.000	-.0307	00	217467.424	30	217435.473
	24	5027404.429	3752.384	1.4500	0.00C0	-1.050	-.0307	00	217403.517	30	217371.556
45	25	5029256.024	3752.357	1.4487	0.00C0	-1.099	-.0307	00	217339.591	30	217307.620
	26	5031107.624	3752.328	1.4474	0.00C0	-1.148	-.0307	00	217275.646	30	217243.666
	27	5032959.230	3752.298	1.4461	0.00C0	-1.198	-.0307	00	217211.683	30	217179.694
	28	5034810.841	3752.267	1.4448	0.00C0	-1.247	-.0307	00	217147.701	30	217115.703
	29	5036662.458	3752.234	1.4435	0.00C0	-1.296	-.0307	00	217083.701	30	217051.693
45	30	5038514.080	3752.201	1.4422	0.00C0	-1.345	-.0307	00	217019.682	30	216987.665
	31	5040365.707	3752.166	1.4409	0.00C0	-1.395	-.0307	00	216955.645	30	216923.619
	32	5042217.340	3752.129	1.4396	0.00C0	-1.444	-.0307	00	216891.589	30	216859.554
	33	5044068.979	3752.092	1.4383	0.00C0	-1.493	-.0307	00	216827.515	30	216795.471
	34	5045920.623	3752.053	1.4369	0.00C0	-1.542	-.0307	00	216763.422	30	216731.369
45	35	5047772.272	3752.013	1.4356	0.00C0	-1.591	-.0307	00	216699.311	30	216667.248
	36	5049623.926	3751.971	1.4343	0.00C0	-1.640	-.0307	00	216635.181	30	216603.109
	37	5051475.587	3751.928	1.4330	0.00C0	-1.689	-.0307	00	216571.033	30	216538.952
	38	5053327.252	3751.884	1.4317	0.00C0	-1.738	-.0307	00	216506.867	30	216474.776
	39	5055178.923	3751.839	1.4304	0.00C0	-1.787	-.0307	00	216442.682	30	216410.582
45	40	5057030.599	3751.793	1.4291	0.00C0	-1.836	-.0307	00	216378.478	30	216346.370
	41	5058882.281	3751.745	1.4278	0.00C0	-1.885	-.0307	00	216314.256	30	216282.138
	42	5060733.968	3751.696	1.4265	0.00C0	-1.934	-.0307	00	216250.016	30	216217.889
	43	5062585.661	3751.646	1.4251	0.00C0	-1.983	-.0307	00	216185.757	30	216153.621
	44	5064437.359	3751.594	1.4238	0.00C0	-2.032	-.0307	00	216121.480	30	216089.335
45	45	5066289.062	3751.541	1.4225	0.00C0	-2.080	-.0307	00	216057.185	30	216025.030
	46	5068140.771	3751.487	1.4212	0.00C0	-2.129	-.0307	00	215992.871	30	215960.707
	47	5069992.486	3751.432	1.4199	0.00C0	-2.178	-.0307	00	215928.538	30	215896.365
	48	5071844.205	3751.375	1.4186	0.00C0	-2.226	-.0307	00	215864.188	30	215832.005
	49	5073695.931	3751.317	1.4172	0.00C0	-2.275	-.0307	00	215799.818	30	215767.627
45	50	5075547.661	3751.258	1.4159	0.00C0	-2.324	-.0307	00	215735.431	30	215703.230
	51	5077399.397	3751.197	1.4146	0.00C0	-2.372	-.0307	00	215671.025	30	215638.815
	52	5079251.139	3751.136	1.4133	0.00C0	-2.421	-.0307	00	215606.601	30	215574.382
	53	5081102.886	3751.073	1.4120	0.00C0	-2.469	-.0307	00	215542.158	30	215509.930
	54	5082954.638	3751.008	1.4107	0.00C0	-2.518	-.0307	00	215477.697	30	215445.459
45	55	5084806.396	3750.943	1.4093	0.00C0	-2.566	-.0307	00	215413.217	30	215380.971
	56	5086658.159	3750.876	1.4080	-.00C0	-2.615	-.0307	00	215348.720	30	215316.464
	57	5088509.927	3750.808	1.4067	-.00C0	-2.663	-.0307	00	215284.204	30	215251.939
	58	5090361.702	3750.738	1.4054	-.00C0	-2.712	-.0307	00	215219.669	30	215187.395
	59	5092213.481	3750.668	1.4041	-.00C0	-2.760	-.0307	00	215155.116	30	215122.833
46	00	5094065.266	3750.596	1.4027	-.00C0	-2.808	-.0307	00	215090.545	30	215058.253

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
46	0	5094065.266	3750.596	1.4027	-.0000	-2.808	-.0307	00	215090.545	30	215058.253
	1	5095917.056	3750.523	1.4014	-.0000	-2.857	-.0307	00	215025.956	30	214993.654
	2	5097768.852	3750.448	1.4001	-.0000	-2.905	-.0307	00	214961.348	30	214929.037
	3	5099620.653	3750.373	1.3988	-.0000	-2.953	-.0307	00	214896.722	30	214864.402
	4	5101472.459	3750.296	1.3974	-.0000	-3.001	-.0307	00	214832.077	30	214799.748
46	5	5103324.271	3750.217	1.3961	-.0000	-3.050	-.0307	00	214767.415	30	214735.076
	6	5105176.089	3750.138	1.3948	-.0000	-3.098	-.0307	00	214702.734	30	214670.386
	7	5107027.912	3750.057	1.3935	-.0000	-3.146	-.0307	00	214638.034	30	214605.678
	8	5108879.740	3749.975	1.3922	-.0000	-3.194	-.0307	00	214573.317	30	214540.951
	9	5110731.574	3749.892	1.3908	-.0000	-3.242	-.0307	00	214508.581	30	214476.206
46	10	5112583.413	3749.807	1.3895	-.0000	-3.290	-.0307	00	214443.826	30	214411.443
	11	5114435.257	3749.721	1.3882	-.0000	-3.338	-.0307	00	214379.054	30	214346.661
	12	5116287.107	3749.634	1.3869	-.0000	-3.386	-.0307	00	214314.263	30	214281.861
	13	5118138.963	3749.546	1.3855	-.0000	-3.434	-.0307	00	214249.454	30	214217.043
	14	5119990.823	3749.456	1.3842	-.0000	-3.482	-.0307	00	214184.627	30	214152.206
46	15	5121842.690	3749.365	1.3829	-.0000	-3.529	-.0307	00	214119.781	30	214087.352
	16	5123694.561	3749.273	1.3816	-.0000	-3.577	-.0307	00	214054.918	30	214022.479
	17	5125546.438	3749.179	1.3802	-.0000	-3.625	-.0307	00	213990.036	30	213957.588
	18	5127398.321	3749.085	1.3789	-.0000	-3.673	-.0307	00	213925.135	30	213892.678
	19	5129250.209	3748.989	1.3776	-.0000	-3.721	-.0307	00	213860.217	30	213827.751
46	20	5131102.102	3748.891	1.3762	-.0000	-3.768	-.0307	00	213795.280	30	213762.805
	21	5132954.001	3748.793	1.3749	-.0000	-3.816	-.0307	00	213730.325	30	213697.841
	22	5134805.905	3748.693	1.3736	-.0000	-3.864	-.0307	00	213665.352	30	213632.859
	23	5136657.815	3748.592	1.3723	-.0000	-3.911	-.0307	00	213600.361	30	213567.858
	24	5138509.730	3748.490	1.3709	-.0000	-3.959	-.0307	00	213535.351	30	213502.839
46	25	5140361.650	3748.386	1.3696	-.0000	-4.006	-.0307	00	213470.323	30	213437.802
	26	5142213.576	3748.281	1.3683	-.0000	-4.054	-.0307	00	213405.277	30	213372.747
	27	5144065.507	3748.175	1.3669	-.0000	-4.101	-.0307	00	213340.213	30	213307.674
	28	5145917.444	3748.067	1.3656	-.0000	-4.149	-.0307	00	213275.131	30	213242.583
	29	5147769.386	3747.959	1.3643	-.0000	-4.196	-.0307	00	213210.030	30	213177.473
46	30	5149621.334	3747.849	1.3629	-.0000	-4.244	-.0307	00	213144.911	30	213112.345
	31	5151473.287	3747.737	1.3616	-.0000	-4.291	-.0307	00	213079.775	30	213047.199
	32	5153325.245	3747.625	1.3603	-.0000	-4.338	-.0307	00	213014.620	30	212982.035
	33	5155177.209	3747.511	1.3589	-.0000	-4.386	-.0307	00	212949.446	30	212916.853
	34	5157029.178	3747.396	1.3576	-.0000	-4.433	-.0307	00	212884.255	30	212851.652
46	35	5158881.153	3747.280	1.3563	-.0000	-4.480	-.0306	00	212819.045	30	212786.434
	36	5160733.133	3747.162	1.3549	-.0000	-4.527	-.0306	00	212753.818	30	212721.197
	37	5162585.118	3747.043	1.3536	-.0000	-4.574	-.0306	00	212688.572	30	212655.942
	38	5164437.109	3746.923	1.3523	-.0000	-4.622	-.0306	00	212623.308	30	212590.669
	39	5166289.106	3746.802	1.3509	-.0000	-4.669	-.0306	00	212558.026	30	212525.378
46	40	5168141.107	3746.679	1.3496	-.0000	-4.716	-.0306	00	212492.726	30	212460.069
	41	5169993.115	3746.555	1.3483	-.0000	-4.763	-.0306	00	212427.408	30	212394.742
	42	5171845.127	3746.430	1.3469	-.0000	-4.810	-.0306	00	212362.071	30	212329.396
	43	5173697.145	3746.303	1.3456	-.0000	-4.857	-.0306	00	212296.717	30	212264.033
	44	5175549.169	3746.176	1.3443	-.0000	-4.904	-.0306	00	212231.344	30	212198.651
46	45	5177401.198	3746.047	1.3429	-.0000	-4.951	-.0306	00	212165.954	30	212133.251
	46	5179253.232	3745.916	1.3416	-.0000	-4.997	-.0306	00	212100.545	30	212067.834
	47	5181105.272	3745.785	1.3402	-.0000	-5.044	-.0306	00	212035.118	30	212002.398
	48	5182957.317	3745.652	1.3389	-.0000	-5.091	-.0306	00	211969.673	30	211936.944
	49	5184809.367	3745.518	1.3376	-.0000	-5.138	-.0306	00	211904.210	30	211871.472
46	50	5186661.423	3745.383	1.3362	-.0000	-5.185	-.0306	00	211838.729	30	211805.982
	51	5188513.485	3745.246	1.3349	-.0001	-5.231	-.0306	00	211773.230	30	211740.474
	52	5190365.551	3745.108	1.3336	-.0001	-5.278	-.0306	00	211707.713	30	211674.947
	53	5192217.624	3744.969	1.3322	-.0001	-5.325	-.0306	00	211642.177	30	211609.403
	54	5194069.701	3744.829	1.3309	-.0001	-5.371	-.0306	00	211576.624	30	211543.841
46	55	5195921.784	3744.687	1.3295	-.0001	-5.418	-.0306	00	211511.053	30	211478.260
	56	5197773.873	3744.544	1.3282	-.0001	-5.464	-.0306	00	211445.464	30	211412.662
	57	5199625.967	3744.400	1.3269	-.0001	-5.511	-.0306	00	211379.856	30	211347.046
	58	5201478.066	3744.254	1.3255	-.0001	-5.557	-.0306	00	211314.231	30	211281.411
	59	5203330.171	3744.107	1.3242	-.0001	-5.604	-.0306	00	211248.587	30	211215.759
47	00	5205182.281	3743.959	1.3228	-.0001	-5.650	-.0306	00	211182.926	30	211150.089

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
47	0	5205182.281	3743.959	1.3228	-.0001	-5.650	-.0306	00	211182.926	30	211150.089
	1	5207034.396	3743.810	1.3215	-.0001	-5.697	-.0306	00	211117.247	30	211084.400
	2	5208886.517	3743.660	1.3202	-.0001	-5.743	-.0306	00	211051.549	30	211018.694
	3	5210738.644	3743.508	1.3188	-.0001	-5.789	-.0306	00	210985.834	30	210952.969
	4	5212590.775	3743.355	1.3175	-.0001	-5.836	-.0306	00	210920.100	30	210887.227
47	5	5214442.913	3743.200	1.3161	-.0001	-5.882	-.0306	00	210854.349	30	210821.467
	6	5216295.055	3743.045	1.3148	-.0001	-5.928	-.0306	00	210788.580	30	210755.688
	7	5218147.203	3742.888	1.3134	-.0001	-5.974	-.0306	00	210722.792	30	210689.892
	8	5219999.357	3742.730	1.3121	-.0001	-6.020	-.0306	00	210656.987	30	210624.078
	9	5221851.516	3742.570	1.3108	-.0001	-6.067	-.0306	00	210591.164	30	210558.245
47	10	5223703.680	3742.409	1.3094	-.0001	-6.113	-.0306	00	210525.322	30	210492.395
	11	5225555.850	3742.248	1.3081	-.0001	-6.159	-.0306	00	210459.463	30	210426.527
	12	5227408.025	3742.084	1.3067	-.0001	-6.205	-.0305	00	210393.586	30	210360.641
	13	5229260.205	3741.920	1.3054	-.0001	-6.251	-.0305	00	210327.691	30	210294.737
	14	5231112.391	3741.754	1.3040	-.0001	-6.297	-.0305	00	210261.778	30	210228.815
47	15	5232964.582	3741.587	1.3027	-.0001	-6.343	-.0305	00	210195.847	30	210162.875
	16	5234816.779	3741.419	1.3013	-.0001	-6.389	-.0305	00	210129.898	30	210096.917
	17	5236668.981	3741.249	1.3000	-.0001	-6.434	-.0305	00	210063.932	30	210030.941
	18	5238521.189	3741.078	1.2986	-.0001	-6.480	-.0305	00	209997.947	30	209964.948
	19	5240373.402	3740.906	1.2973	-.0001	-6.526	-.0305	00	209931.944	30	209898.936
47	20	5242225.620	3740.733	1.2960	-.0001	-6.572	-.0305	00	209865.924	30	209832.907
	21	5244077.844	3740.558	1.2946	-.0001	-6.618	-.0305	00	209799.885	30	209766.860
	22	5245930.074	3740.382	1.2933	-.0001	-6.663	-.0305	00	209733.829	30	209700.794
	23	5247782.308	3740.205	1.2919	-.0001	-6.709	-.0305	00	209667.755	30	209634.711
	24	5249634.548	3740.027	1.2906	-.0001	-6.755	-.0305	00	209601.663	30	209568.610
47	25	5251486.794	3739.847	1.2892	-.0001	-6.800	-.0305	00	209535.553	30	209502.491
	26	5253339.045	3739.666	1.2879	-.0001	-6.846	-.0305	00	209469.425	30	209436.355
	27	5255191.301	3739.484	1.2865	-.0001	-6.891	-.0305	00	209403.280	30	209370.200
	28	5257043.563	3739.300	1.2852	-.0001	-6.937	-.0305	00	209337.116	30	209304.028
	29	5258895.830	3739.115	1.2838	-.0001	-6.982	-.0305	00	209270.935	30	209237.837
47	30	5260748.102	3738.929	1.2825	-.0001	-7.028	-.0305	00	209204.736	30	209171.629
	31	5262600.380	3738.742	1.2811	-.0001	-7.073	-.0305	00	209138.519	30	209105.403
	32	5264452.664	3738.554	1.2798	-.0001	-7.118	-.0305	00	209072.284	30	209039.160
	33	5266304.952	3738.364	1.2784	-.0001	-7.164	-.0305	00	209006.031	30	208972.898
	34	5268157.246	3738.173	1.2771	-.0001	-7.209	-.0305	00	208939.760	30	208906.618
47	35	5270009.546	3737.980	1.2757	-.0001	-7.254	-.0305	00	208873.472	30	208840.321
	36	5271861.851	3737.787	1.2744	-.0001	-7.300	-.0304	00	208807.166	30	208774.006
	37	5273714.161	3737.592	1.2730	-.0001	-7.345	-.0304	00	208740.842	30	208707.673
	38	5275566.477	3737.396	1.2717	-.0001	-7.390	-.0304	00	208674.500	30	208641.323
	39	5277418.798	3737.198	1.2703	-.0001	-7.435	-.0304	00	208608.141	30	208574.954
47	40	5279271.125	3736.999	1.2690	-.0001	-7.480	-.0304	00	208541.763	30	208508.568
	41	5281123.457	3736.799	1.2676	-.0001	-7.525	-.0304	00	208475.368	30	208442.164
	42	5282975.794	3736.598	1.2663	-.0001	-7.570	-.0304	00	208408.955	30	208375.742
	43	5284828.137	3736.396	1.2649	-.0001	-7.615	-.0304	00	208342.524	30	208309.302
	44	5286680.486	3736.192	1.2636	-.0001	-7.660	-.0304	00	208276.076	30	208242.845
47	45	5288532.839	3735.987	1.2622	-.0001	-7.705	-.0304	00	208209.610	30	208176.370
	46	5290385.198	3735.781	1.2609	-.0001	-7.750	-.0304	00	208143.126	30	208109.877
	47	5292237.563	3735.573	1.2595	-.0001	-7.795	-.0304	00	208076.624	30	208043.366
	48	5294089.933	3735.364	1.2582	-.0001	-7.840	-.0304	00	208010.104	30	207976.838
	49	5295942.308	3735.154	1.2568	-.0001	-7.885	-.0304	00	207943.567	30	207910.292
47	50	5297794.688	3734.943	1.2554	-.0001	-7.929	-.0304	00	207877.012	30	207843.728
	51	5299647.075	3734.730	1.2541	-.0001	-7.974	-.0304	00	207810.440	30	207777.147
	52	5301499.466	3734.516	1.2527	-.0001	-8.019	-.0304	00	207743.849	30	207710.547
	53	5303351.863	3734.301	1.2514	-.0001	-8.063	-.0304	00	207677.241	30	207643.930
	54	5305204.265	3734.085	1.2500	-.0001	-8.108	-.0304	00	207610.615	30	207577.296
47	55	5307056.673	3733.867	1.2487	-.0001	-8.153	-.0303	00	207543.972	30	207510.643
	56	5308909.086	3733.648	1.2473	-.0001	-8.197	-.0303	00	207477.310	30	207443.973
	57	5310761.504	3733.428	1.2460	-.0001	-8.242	-.0303	00	207410.631	30	207377.285
	58	5312613.928	3733.207	1.2446	-.0001	-8.286	-.0303	00	207343.935	30	207310.580
	59	5314466.358	3732.984	1.2433	-.0001	-8.331	-.0303	00	207277.220	30	207243.856
48	00	5316318.792	3732.760	1.2419	-.0001	-8.375	-.0303	00	207210.488	30	207177.116

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
48	0	5316318.792	3732.760	1.2419	-.0001	-8.375	-.0303	00	207210.488	30	207177.116
	1	5318171.232	3732.535	1.2405	-.0001	-8.420	-.0303	00	207143.739	30	207110.357
	2	5320023.678	3732.308	1.2392	-.0001	-8.464	-.0303	00	207076.971	30	207043.581
	3	5321876.129	3732.080	1.2378	-.0001	-8.508	-.0303	00	207010.186	30	206976.787
	4	5323728.585	3731.851	1.2365	-.0001	-8.553	-.0303	00	206943.383	30	206909.975
48	5	5325581.047	3731.621	1.2351	-.0001	-8.597	-.0303	00	206876.563	30	206843.146
	6	5327433.514	3731.389	1.2338	-.0001	-8.641	-.0303	00	206809.725	30	206776.299
	7	5329285.987	3731.157	1.2324	-.0001	-8.685	-.0303	00	206742.869	30	206709.435
	8	5331138.464	3730.923	1.2311	-.0001	-8.729	-.0303	00	206675.996	30	206642.553
	9	5332990.948	3730.687	1.2297	-.0001	-8.773	-.0303	00	206609.105	30	206575.653
48	10	5334843.436	3730.451	1.2283	-.0001	-8.818	-.0303	00	206542.197	30	206508.736
	11	5336695.931	3730.213	1.2270	-.0001	-8.862	-.0303	00	206475.271	30	206441.801
	12	5338548.430	3729.974	1.2256	-.0001	-8.906	-.0302	00	206408.327	30	206374.848
	13	5340400.935	3729.733	1.2243	-.0001	-8.950	-.0302	00	206341.365	30	206307.878
	14	5342253.445	3729.491	1.2229	-.0001	-8.994	-.0302	00	206274.386	30	206240.890
48	15	5344105.961	3729.249	1.2216	-.0001	-9.037	-.0302	00	206207.390	30	206173.885
	16	5345958.482	3729.004	1.2202	-.0001	-9.081	-.0302	00	206140.376	30	206106.862
	17	5347811.008	3728.759	1.2188	-.0001	-9.125	-.0302	00	206073.344	30	206039.821
	18	5349663.540	3728.512	1.2175	-.0001	-9.169	-.0302	00	206006.295	30	205972.763
	19	5351516.078	3728.264	1.2161	-.0001	-9.213	-.0302	00	205939.228	30	205905.688
48	20	5353368.620	3728.015	1.2148	-.0001	-9.257	-.0302	00	205872.143	30	205838.594
	21	5355221.168	3727.764	1.2134	-.0001	-9.300	-.0302	00	205805.041	30	205771.484
	22	5357073.722	3727.513	1.2120	-.0001	-9.344	-.0302	00	205737.922	30	205704.355
	23	5358926.281	3727.260	1.2107	-.0001	-9.388	-.0302	00	205670.784	30	205637.209
	24	5360778.845	3727.005	1.2093	-.0001	-9.431	-.0302	00	205603.630	30	205570.046
48	25	5362631.415	3726.750	1.2080	-.0001	-9.475	-.0302	00	205536.457	30	205502.865
	26	5364483.990	3726.493	1.2066	-.0001	-9.518	-.0302	00	205469.268	30	205435.666
	27	5366336.570	3726.235	1.2052	-.0001	-9.562	-.0301	00	205402.060	30	205368.450
	28	5368189.156	3725.975	1.2039	-.0001	-9.605	-.0301	00	205334.836	30	205301.217
	29	5370041.747	3725.715	1.2025	-.0001	-9.649	-.0301	00	205267.593	30	205233.965
48	30	5371894.344	3725.453	1.2012	-.0001	-9.692	-.0301	00	205200.333	30	205166.697
	31	5373746.946	3725.190	1.1998	-.0001	-9.735	-.0301	00	205133.056	30	205099.411
	32	5375599.553	3724.925	1.1984	-.0001	-9.779	-.0301	00	205065.761	30	205032.107
	33	5377452.166	3724.660	1.1971	-.0001	-9.822	-.0301	00	204998.449	30	204964.786
	34	5379304.784	3724.393	1.1957	-.0001	-9.865	-.0301	00	204931.119	30	204897.447
48	35	5381157.408	3724.125	1.1944	-.0001	-9.909	-.0301	00	204863.772	30	204830.091
	36	5383010.036	3723.855	1.1930	-.0001	-9.952	-.0301	00	204796.407	30	204762.718
	37	5384862.671	3723.584	1.1916	-.0001	-9.995	-.0301	00	204729.024	30	204695.327
	38	5386715.311	3723.312	1.1903	-.0001	-10.038	-.0301	00	204661.625	30	204627.918
	39	5388567.956	3723.039	1.1889	-.0001	-10.081	-.0301	00	204594.207	30	204560.492
48	40	5390420.606	3722.765	1.1876	-.0001	-10.124	-.0301	00	204526.773	30	204493.049
	41	5392273.262	3722.489	1.1862	-.0001	-10.167	-.0300	00	204459.321	30	204425.588
	42	5394125.923	3722.212	1.1848	-.0001	-10.210	-.0300	00	204391.851	30	204358.110
	43	5395978.590	3721.934	1.1835	-.0001	-10.253	-.0300	00	204324.364	30	204290.614
	44	5397831.262	3721.654	1.1821	-.0001	-10.296	-.0300	00	204256.860	30	204223.101
48	45	5399683.939	3721.373	1.1808	-.0001	-10.339	-.0300	00	204189.338	30	204155.570
	46	5401536.622	3721.091	1.1794	-.0001	-10.382	-.0300	00	204121.798	30	204088.022
	47	5403389.310	3720.808	1.1780	-.0001	-10.424	-.0300	00	204054.242	30	204020.457
	48	5405242.004	3720.523	1.1767	-.0001	-10.467	-.0300	00	203986.667	30	203952.874
	49	5407094.703	3720.238	1.1753	-.0001	-10.510	-.0300	00	203919.076	30	203885.274
48	50	5408947.407	3719.951	1.1739	-.0001	-10.553	-.0300	00	203851.467	30	203817.656
	51	5410800.117	3719.662	1.1726	-.0001	-10.595	-.0300	00	203783.841	30	203750.021
	52	5412652.832	3719.373	1.1712	-.0001	-10.638	-.0300	00	203716.197	30	203682.368
	53	5414505.553	3719.082	1.1699	-.0001	-10.681	-.0300	00	203648.536	30	203614.699
	54	5416358.279	3718.790	1.1685	-.0001	-10.723	-.0299	00	203580.857	30	203547.011
48	55	5418211.010	3718.496	1.1671	-.0001	-10.766	-.0299	00	203513.161	30	203479.307
	56	5420063.747	3718.202	1.1658	-.0002	-10.808	-.0299	00	203445.448	30	203411.585
	57	5421916.489	3717.906	1.1644	-.0002	-10.851	-.0299	00	203377.718	30	203343.846
	58	5423769.236	3717.608	1.1630	-.0002	-10.893	-.0299	00	203309.970	30	203276.089
	59	5425621.989	3717.310	1.1617	-.0002	-10.935	-.0299	00	203242.204	30	203208.315
49	00	5427474.747	3717.010	1.1603	-.0002	-10.978	-.0299	00	203174.422	30	203140.524

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSC DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
49	0	5427474.747	3717.010	1.1603	-.0002	-10.978	-.0299	00	203174.422	30	203140.524
	1	5429327.511	3716.709	1.1590	-.0002	-11.020	-.0299	00	203106.622	30	203072.715
	2	5431180.280	3716.407	1.1576	-.0002	-11.062	-.0299	00	203038.804	30	203004.889
	3	5433033.054	3716.104	1.1562	-.0002	-11.104	-.0299	00	202970.970	30	202937.046
	4	5434885.834	3715.799	1.1549	-.0002	-11.147	-.0299	00	202903.118	30	202869.185
49	5	5436738.619	3715.493	1.1535	-.0002	-11.189	-.0299	00	202835.248	30	202801.307
	6	5438591.409	3715.186	1.1521	-.0002	-11.231	-.0298	00	202767.362	30	202733.412
	7	5440444.205	3714.877	1.1508	-.0002	-11.273	-.0298	00	202699.458	30	202665.499
	8	5442297.006	3714.567	1.1494	-.0002	-11.315	-.0298	00	202631.537	30	202597.570
	9	5444149.813	3714.256	1.1480	-.0002	-11.357	-.0298	00	202563.598	30	202529.622
49	10	5446002.625	3713.944	1.1467	-.0002	-11.399	-.0298	00	202495.642	30	202461.658
	11	5447855.442	3713.631	1.1453	-.0002	-11.441	-.0298	00	202427.669	30	202393.676
	12	5449708.265	3713.316	1.1440	-.0002	-11.483	-.0298	00	202359.679	30	202325.677
	13	5451561.093	3713.000	1.1426	-.0002	-11.525	-.0298	00	202291.671	30	202257.661
	14	5453413.926	3712.683	1.1412	-.0002	-11.567	-.0298	00	202223.646	30	202189.628
49	15	5455266.765	3712.364	1.1399	-.0002	-11.608	-.0298	00	202155.604	30	202121.577
	16	5457119.609	3712.044	1.1385	-.0002	-11.650	-.0298	00	202087.545	30	202053.509
	17	5458972.459	3711.723	1.1371	-.0002	-11.692	-.0297	00	202019.468	30	201985.424
	18	5460825.314	3711.401	1.1358	-.0002	-11.734	-.0297	00	201951.374	30	201917.321
	19	5462678.174	3711.077	1.1344	-.0002	-11.775	-.0297	00	201883.263	30	201849.201
49	20	5464531.040	3710.752	1.1330	-.0002	-11.817	-.0297	00	201815.135	30	201781.064
	21	5466383.911	3710.426	1.1317	-.0002	-11.859	-.0297	00	201746.989	30	201712.910
	22	5468236.787	3710.099	1.1303	-.0002	-11.900	-.0297	00	201678.827	30	201644.739
	23	5470089.669	3709.770	1.1290	-.0002	-11.942	-.0297	00	201610.647	30	201576.550
	24	5471942.556	3709.440	1.1276	-.0002	-11.983	-.0297	00	201542.449	30	201508.344
49	25	5473795.449	3709.109	1.1262	-.0002	-12.025	-.0297	00	201474.235	30	201440.121
	26	5475648.347	3708.777	1.1249	-.0002	-12.066	-.0297	00	201406.003	30	201371.881
	27	5477501.250	3708.443	1.1235	-.0002	-12.107	-.0297	00	201337.754	30	201303.624
	28	5479354.159	3708.108	1.1221	-.0002	-12.149	-.0296	00	201269.488	30	201235.349
	29	5481207.073	3707.772	1.1208	-.0002	-12.190	-.0296	00	201201.205	30	201167.057
49	30	5483059.992	3707.435	1.1194	-.0002	-12.231	-.0296	00	201132.905	30	201098.748
	31	5484912.917	3707.096	1.1180	-.0002	-12.273	-.0296	00	201064.587	30	201030.422
	32	5486765.847	3706.756	1.1167	-.0002	-12.314	-.0296	00	200996.253	30	200962.079
	33	5488618.783	3706.415	1.1153	-.0002	-12.355	-.0296	00	200927.901	30	200893.719
	34	5490471.723	3706.073	1.1139	-.0002	-12.396	-.0296	00	200859.532	30	200825.341
49	35	5492324.670	3705.729	1.1126	-.0002	-12.437	-.0296	00	200791.146	30	200756.946
	36	5494177.621	3705.384	1.1112	-.0002	-12.478	-.0296	00	200722.742	30	200688.534
	37	5496030.578	3705.038	1.1098	-.0002	-12.519	-.0296	00	200654.322	30	200620.105
	38	5497883.540	3704.690	1.1085	-.0002	-12.560	-.0295	00	200585.885	30	200551.659
	39	5499736.508	3704.342	1.1071	-.0002	-12.601	-.0295	00	200517.430	30	200483.196
49	40	5501589.481	3703.992	1.1058	-.0002	-12.642	-.0295	00	200448.958	30	200414.716
	41	5503442.460	3703.640	1.1044	-.0002	-12.683	-.0295	00	200380.469	30	200346.218
	42	5505295.443	3703.288	1.1030	-.0002	-12.724	-.0295	00	200311.963	30	200277.704
	43	5507148.432	3702.934	1.1017	-.0002	-12.764	-.0295	00	200243.440	30	200209.172
	44	5509001.427	3702.579	1.1003	-.0002	-12.805	-.0295	00	200174.900	30	200140.623
49	45	5510854.427	3702.223	1.0989	-.0002	-12.846	-.0295	00	200106.343	30	200072.058
	46	5512707.432	3701.865	1.0976	-.0002	-12.887	-.0295	00	200037.768	30	200003.475
	47	5514560.443	3701.507	1.0962	-.0002	-12.927	-.0295	00	199969.177	30	199934.875
	48	5516413.458	3701.147	1.0948	-.0002	-12.968	-.0294	00	199900.568	30	199866.258
	49	5518266.480	3700.785	1.0935	-.0002	-13.008	-.0294	00	199831.943	30	199797.623
49	50	5520119.506	3700.423	1.0921	-.0002	-13.049	-.0294	00	199763.300	30	199728.972
	51	5521972.538	3700.059	1.0907	-.0002	-13.090	-.0294	00	199694.640	30	199660.304
	52	5523825.576	3699.694	1.0894	-.0002	-13.130	-.0294	00	199625.964	30	199591.619
	53	5525678.618	3699.328	1.0880	-.0002	-13.170	-.0294	00	199557.270	30	199522.917
	54	5527531.666	3698.960	1.0866	-.0002	-13.211	-.0294	00	199488.559	30	199454.197
49	55	5529384.720	3698.592	1.0853	-.0002	-13.251	-.0294	00	199419.831	30	199385.461
	56	5531237.779	3698.222	1.0839	-.0002	-13.292	-.0294	00	199351.086	30	199316.707
	57	5533090.843	3697.850	1.0826	-.0002	-13.332	-.0294	00	199282.324	30	199247.937
	58	5534943.912	3697.478	1.0812	-.0002	-13.372	-.0293	00	199213.545	30	199179.150
	59	5536796.987	3697.104	1.0798	-.0002	-13.412	-.0293	00	199144.750	30	199110.345
50	00	5538650.067	3696.729	1.0785	-.0002	-13.452	-.0293	00	199075.937	30	199041.524

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
50	0	5538650.067	3696.729	1.0785	-.0002	-13.452	-.0293	00	199075.937	30	199041.524
	1	5540503.153	3696.353	1.0771	-.0002	-13.493	-.0293	00	199007.107	30	198972.685
	2	5542356.244	3695.975	1.0757	-.0002	-13.533	-.0293	00	198938.260	30	198903.830
	3	5544209.340	3695.596	1.0744	-.0002	-13.573	-.0293	00	198869.396	30	198834.958
	4	5546062.441	3695.216	1.0730	-.0002	-13.613	-.0293	00	198800.515	30	198766.068
50	5	5547915.548	3694.835	1.0716	-.0002	-13.653	-.0293	00	198731.617	30	198697.162
	6	5549768.661	3694.452	1.0703	-.0002	-13.693	-.0293	00	198662.702	30	198628.239
	7	5551621.778	3694.069	1.0689	-.0002	-13.733	-.0292	00	198593.770	30	198559.298
	8	5553474.901	3693.684	1.0675	-.0002	-13.772	-.0292	00	198524.822	30	198490.341
	9	5555328.030	3693.297	1.0662	-.0002	-13.812	-.0292	00	198455.856	30	198421.367
50	10	5557181.163	3692.910	1.0648	-.0002	-13.852	-.0292	00	198386.873	30	198352.376
	11	5559034.302	3692.521	1.0635	-.0002	-13.892	-.0292	00	198317.874	30	198283.368
	12	5560887.447	3692.131	1.0621	-.0002	-13.932	-.0292	00	198248.857	30	198214.343
	13	5562740.596	3691.740	1.0607	-.0002	-13.971	-.0292	00	198179.824	30	198145.301
	14	5564593.751	3691.347	1.0594	-.0002	-14.011	-.0292	00	198110.774	30	198076.242
50	15	5566446.912	3690.953	1.0580	-.0002	-14.051	-.0292	00	198041.706	30	198007.166
	16	5568300.077	3690.558	1.0566	-.0002	-14.090	-.0291	00	197972.622	30	197938.074
	17	5570153.249	3690.162	1.0553	-.0002	-14.130	-.0291	00	197903.521	30	197868.964
	18	5572006.425	3689.764	1.0539	-.0002	-14.169	-.0291	00	197834.403	30	197799.838
	19	5573859.607	3689.365	1.0525	-.0002	-14.209	-.0291	00	197765.268	30	197730.694
50	20	5575712.794	3688.965	1.0512	-.0002	-14.248	-.0291	00	197696.116	30	197661.534
	21	5577565.986	3688.564	1.0498	-.0002	-14.288	-.0291	00	197626.948	30	197592.357
	22	5579419.184	3688.162	1.0484	-.0002	-14.327	-.0291	00	197557.762	30	197523.163
	23	5581272.387	3687.758	1.0471	-.0002	-14.366	-.0291	00	197488.560	30	197453.952
	24	5583125.596	3687.353	1.0457	-.0002	-14.405	-.0290	00	197419.340	30	197384.725
50	25	5584978.809	3686.946	1.0444	-.0002	-14.445	-.0290	00	197350.104	30	197315.480
	26	5586832.029	3686.539	1.0430	-.0002	-14.484	-.0290	00	197280.851	30	197246.219
	27	5588685.253	3686.130	1.0416	-.0002	-14.523	-.0290	00	197211.582	30	197176.940
	28	5590538.483	3685.720	1.0403	-.0002	-14.562	-.0290	00	197142.295	30	197107.645
	29	5592391.718	3685.309	1.0389	-.0002	-14.601	-.0290	00	197072.991	30	197038.333
50	30	5594244.959	3684.896	1.0375	-.0002	-14.640	-.0290	00	197003.671	30	196969.005
	31	5596098.204	3684.482	1.0362	-.0002	-14.679	-.0290	00	196934.334	30	196899.659
	32	5597951.456	3684.067	1.0348	-.0002	-14.718	-.0290	00	196864.980	30	196830.297
	33	5599804.712	3683.651	1.0335	-.0002	-14.757	-.0289	00	196795.609	30	196760.917
	34	5601657.974	3683.233	1.0321	-.0002	-14.796	-.0289	00	196726.222	30	196691.521
50	35	5603511.241	3682.815	1.0307	-.0002	-14.835	-.0289	00	196656.817	30	196622.109
	36	5605364.514	3682.395	1.0294	-.0002	-14.874	-.0289	00	196587.396	30	196552.679
	37	5607217.791	3681.973	1.0280	-.0002	-14.913	-.0289	00	196517.958	30	196483.233
	38	5609071.075	3681.551	1.0266	-.0002	-14.952	-.0289	00	196448.503	30	196413.770
	39	5610924.363	3681.127	1.0253	-.0002	-14.990	-.0289	00	196379.032	30	196344.290
50	40	5612777.657	3680.702	1.0239	-.0002	-15.029	-.0289	00	196309.543	30	196274.793
	41	5614630.956	3680.276	1.0226	-.0002	-15.068	-.0288	00	196240.038	30	196205.279
	42	5616484.260	3679.848	1.0212	-.0002	-15.106	-.0288	00	196170.516	30	196135.749
	43	5618337.570	3679.419	1.0198	-.0002	-15.145	-.0288	00	196100.978	30	196066.202
	44	5620190.885	3678.989	1.0185	-.0002	-15.183	-.0288	00	196031.423	30	195996.639
50	45	5622044.206	3678.558	1.0171	-.0002	-15.222	-.0288	00	195961.850	30	195927.058
	46	5623897.532	3678.126	1.0157	-.0002	-15.260	-.0288	00	195892.262	30	195857.461
	47	5625750.863	3677.692	1.0144	-.0002	-15.299	-.0288	00	195822.656	30	195787.847
	48	5627604.199	3677.257	1.0130	-.0002	-15.337	-.0288	00	195753.034	30	195718.216
	49	5629457.541	3676.821	1.0117	-.0002	-15.375	-.0287	00	195683.395	30	195648.569
50	50	5631310.888	3676.383	1.0103	-.0002	-15.414	-.0287	00	195613.739	30	195578.905
	51	5633164.240	3675.944	1.0089	-.0002	-15.452	-.0287	00	195544.067	30	195509.224
	52	5635017.598	3675.504	1.0076	-.0002	-15.490	-.0287	00	195474.378	30	195439.527
	53	5636870.961	3675.063	1.0062	-.0002	-15.528	-.0287	00	195404.672	30	195369.813
	54	5638724.330	3674.621	1.0049	-.0002	-15.567	-.0287	00	195334.949	30	195300.082
50	55	5640577.703	3674.177	1.0035	-.0002	-15.605	-.0287	00	195265.210	30	195230.334
	56	5642431.082	3673.732	1.0021	-.0002	-15.643	-.0287	00	195195.454	30	195160.570
	57	5644284.467	3673.286	1.0008	-.0002	-15.681	-.0286	00	195125.682	30	195090.789
	58	5646137.856	3672.838	0.9994	-.0002	-15.719	-.0286	00	195055.892	30	195020.992
	59	5647991.251	3672.390	0.9981	-.0002	-15.757	-.0286	00	194986.087	30	194951.177
51	00	5649844.652	3671.940	0.9967	-.0002	-15.795	-.0286	00	194916.264	30	194881.347

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
51	0	5649844.652	3671.940	0.9967	-.0002	-15.795	-.0286	00	194916.264	30	194881.347
	1	5651698.057	3671.489	0.9953	-.0002	-15.833	-.0286	00	194846.425	30	194811.499
	2	5653551.468	3671.036	0.9940	-.0002	-15.870	-.0286	00	194776.569	30	194741.635
	3	5655404.884	3670.582	0.9926	-.0002	-15.908	-.0286	00	194706.697	30	194671.754
	4	5657258.306	3670.128	0.9913	-.0002	-15.946	-.0286	00	194636.808	30	194601.857
51	5	5659111.733	3669.671	0.9899	-.0002	-15.984	-.0285	00	194566.902	30	194531.943
	6	5660965.165	3669.214	0.9885	-.0002	-16.021	-.0285	00	194496.980	30	194462.012
	7	5662818.602	3668.755	0.9872	-.0002	-16.059	-.0285	00	194427.041	30	194392.065
	8	5664672.045	3668.295	0.9858	-.0002	-16.097	-.0285	00	194357.085	30	194322.101
	9	5666525.493	3667.834	0.9845	-.0002	-16.134	-.0285	00	194287.113	30	194252.121
51	10	5668378.947	3667.372	0.9831	-.0002	-16.172	-.0285	00	194217.124	30	194182.124
	11	5670232.406	3666.908	0.9817	-.0002	-16.209	-.0285	00	194147.119	30	194112.110
	12	5672085.870	3666.443	0.9804	-.0002	-16.247	-.0284	00	194077.097	30	194042.080
	13	5673939.339	3665.977	0.9790	-.0002	-16.284	-.0284	00	194007.058	30	193972.033
	14	5675792.814	3665.510	0.9777	-.0002	-16.322	-.0284	00	193937.003	30	193901.970
51	15	5677646.294	3665.041	0.9763	-.0002	-16.359	-.0284	00	193866.932	30	193831.890
	16	5679499.779	3664.572	0.9750	-.0002	-16.396	-.0284	00	193796.843	30	193761.793
	17	5681353.269	3664.101	0.9736	-.0002	-16.434	-.0284	00	193726.739	30	193691.680
	18	5683206.765	3663.628	0.9722	-.0002	-16.471	-.0284	00	193656.617	30	193621.550
	19	5685060.267	3663.155	0.9709	-.0002	-16.508	-.0284	00	193586.479	30	193551.404
51	20	5686913.773	3662.680	0.9695	-.0002	-16.545	-.0283	00	193516.325	30	193481.242
	21	5688767.285	3662.204	0.9682	-.0002	-16.582	-.0283	00	193446.154	30	193411.062
	22	5690620.802	3661.727	0.9668	-.0002	-16.619	-.0283	00	193375.967	30	193340.867
	23	5692474.324	3661.248	0.9655	-.0002	-16.657	-.0283	00	193305.763	30	193270.655
	24	5694327.852	3660.768	0.9641	-.0002	-16.694	-.0283	00	193235.542	30	193200.426
51	25	5696181.385	3660.287	0.9627	-.0002	-16.731	-.0283	00	193165.305	30	193130.181
	26	5698034.923	3659.805	0.9614	-.0002	-16.767	-.0283	00	193095.052	30	193059.919
	27	5699888.467	3659.322	0.9600	-.0002	-16.804	-.0282	00	193024.782	30	192989.641
	28	5701742.016	3658.837	0.9587	-.0002	-16.841	-.0282	00	192954.495	30	192919.346
	29	5703595.570	3658.351	0.9573	-.0002	-16.878	-.0282	00	192884.192	30	192849.035
51	30	5705449.130	3657.864	0.9560	-.0002	-16.915	-.0282	00	192813.873	30	192778.707
	31	5707302.695	3657.375	0.9546	-.0002	-16.952	-.0282	00	192743.537	30	192708.363
	32	5709156.265	3656.886	0.9532	-.0002	-16.988	-.0282	00	192673.184	30	192638.002
	33	5711009.840	3656.395	0.9519	-.0002	-17.025	-.0282	00	192602.816	30	192567.625
	34	5712863.421	3655.903	0.9505	-.0002	-17.062	-.0281	00	192532.430	30	192497.231
51	35	5714717.007	3655.409	0.9492	-.0002	-17.098	-.0281	00	192462.028	30	192426.821
	36	5716570.598	3654.914	0.9478	-.0002	-17.135	-.0281	00	192391.610	30	192356.395
	37	5718424.195	3654.419	0.9465	-.0002	-17.171	-.0281	00	192321.176	30	192285.952
	38	5720277.797	3653.922	0.9451	-.0002	-17.208	-.0281	00	192250.725	30	192215.493
	39	5722131.404	3653.423	0.9438	-.0002	-17.244	-.0281	00	192180.257	30	192145.017
51	40	5723985.016	3652.924	0.9424	-.0002	-17.280	-.0281	00	192109.773	30	192074.525
	41	5725838.634	3652.423	0.9411	-.0002	-17.317	-.0280	00	192039.273	30	192004.016
	42	5727692.257	3651.921	0.9397	-.0002	-17.353	-.0280	00	191968.756	30	191933.491
	43	5729545.885	3651.417	0.9384	-.0002	-17.389	-.0280	00	191898.223	30	191862.950
	44	5731399.519	3650.913	0.9370	-.0002	-17.426	-.0280	00	191827.673	30	191792.392
51	45	5733253.158	3650.407	0.9356	-.0003	-17.462	-.0280	00	191757.107	30	191721.818
	46	5735106.802	3649.900	0.9343	-.0003	-17.498	-.0280	00	191686.525	30	191651.228
	47	5736960.451	3649.392	0.9329	-.0003	-17.534	-.0280	00	191615.926	30	191580.621
	48	5738814.106	3648.882	0.9316	-.0003	-17.570	-.0279	00	191545.311	30	191509.998
	49	5740667.766	3648.372	0.9302	-.0003	-17.606	-.0279	00	191474.680	30	191439.358
51	50	5742521.432	3647.860	0.9289	-.0003	-17.642	-.0279	00	191404.032	30	191368.702
	51	5744375.102	3647.347	0.9275	-.0003	-17.678	-.0279	00	191333.368	30	191298.030
	52	5746228.778	3646.832	0.9262	-.0003	-17.714	-.0279	00	191262.687	30	191227.341
	53	5748082.459	3646.316	0.9248	-.0003	-17.750	-.0279	00	191191.990	30	191156.636
	54	5749936.146	3645.800	0.9235	-.0003	-17.786	-.0279	00	191121.277	30	191085.914
51	55	5751789.838	3645.281	0.9221	-.0003	-17.822	-.0278	00	191050.548	30	191015.177
	56	5753643.535	3644.762	0.9208	-.0003	-17.857	-.0278	00	190979.802	30	190944.423
	57	5755497.237	3644.241	0.9194	-.0003	-17.893	-.0278	00	190909.040	30	190873.652
	58	5757350.944	3643.720	0.9181	-.0003	-17.929	-.0278	00	190838.261	30	190802.866
	59	5759204.657	3643.197	0.9167	-.0003	-17.964	-.0278	00	190767.466	30	190732.063
52	00	5761058.375	3642.672	0.9154	-.0003	-18.000	-.0278	00	190696.655	30	190661.244

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
52	0	5761058.375	3642.672	0.9154	-.0003	-18.000	-.0278	00	190696.655	30	190661.244
	1	5762912.099	3642.147	0.9140	-.0003	-18.036	-.0277	00	190625.828	30	190590.408
	2	5764765.827	3641.620	0.9127	-.0003	-18.071	-.0277	00	190554.984	30	190519.556
	3	5766619.561	3641.092	0.9113	-.0003	-18.107	-.0277	00	190484.124	30	190448.688
	4	5768473.301	3640.563	0.9100	-.0003	-18.142	-.0277	00	190413.248	30	190377.804
52	5	5770327.045	3640.032	0.9086	-.0003	-18.178	-.0277	00	190342.355	30	190306.903
	6	5772180.795	3639.500	0.9073	-.0003	-18.213	-.0277	00	190271.447	30	190235.986
	7	5774034.550	3638.967	0.9059	-.0003	-18.248	-.0277	00	190200.522	30	190165.053
	8	5775888.310	3638.433	0.9046	-.0003	-18.284	-.0276	00	190129.580	30	190094.104
	9	5777742.076	3637.898	0.9032	-.0003	-18.319	-.0276	00	190058.623	30	190023.138
52	10	5779595.847	3637.361	0.9019	-.0003	-18.354	-.0276	00	189987.649	30	189952.156
	11	5781449.623	3636.823	0.9005	-.0003	-18.389	-.0276	00	189916.659	30	189881.158
	12	5783303.404	3636.284	0.8992	-.0003	-18.424	-.0276	00	189845.653	30	189810.143
	13	5785157.191	3635.744	0.8979	-.0003	-18.459	-.0276	00	189774.630	30	189739.113
	14	5787010.983	3635.202	0.8965	-.0003	-18.495	-.0276	00	189703.591	30	189668.066
52	15	5788864.780	3634.660	0.8952	-.0003	-18.530	-.0275	00	189632.536	30	189597.003
	16	5790718.583	3634.116	0.8938	-.0003	-18.565	-.0275	00	189561.465	30	189525.924
	17	5792572.390	3633.570	0.8925	-.0003	-18.600	-.0275	00	189490.378	30	189454.828
	18	5794426.203	3633.024	0.8911	-.0003	-18.634	-.0275	00	189419.275	30	189383.717
	19	5796280.021	3632.476	0.8898	-.0003	-18.669	-.0275	00	189348.155	30	189312.589
52	20	5798133.845	3631.927	0.8884	-.0003	-18.704	-.0275	00	189277.019	30	189241.445
	21	5799987.674	3631.377	0.8871	-.0003	-18.739	-.0274	00	189205.867	30	189170.285
	22	5801841.508	3630.825	0.8857	-.0003	-18.774	-.0274	00	189134.699	30	189099.108
	23	5803695.347	3630.273	0.8844	-.0003	-18.808	-.0274	00	189063.514	30	189027.916
	24	5805549.192	3629.719	0.8831	-.0003	-18.843	-.0274	00	188992.314	30	188956.707
52	25	5807403.041	3629.164	0.8817	-.0003	-18.878	-.0274	00	188921.097	30	188885.482
	26	5809256.896	3628.607	0.8804	-.0003	-18.912	-.0274	00	188849.864	30	188814.241
	27	5811110.757	3628.050	0.8790	-.0003	-18.947	-.0273	00	188778.615	30	188742.984
	28	5812964.622	3627.491	0.8777	-.0003	-18.981	-.0273	00	188707.350	30	188671.711
	29	5814818.493	3626.931	0.8763	-.0003	-19.016	-.0273	00	188636.068	30	188600.422
52	30	5816672.369	3626.370	0.8750	-.0003	-19.050	-.0273	00	188564.771	30	188529.116
	31	5818526.251	3625.807	0.8737	-.0003	-19.085	-.0273	00	188493.458	30	188457.795
	32	5820380.137	3625.244	0.8723	-.0003	-19.119	-.0273	00	188422.128	30	188386.457
	33	5822234.029	3624.679	0.8710	-.0003	-19.153	-.0273	00	188350.782	30	188315.103
	34	5824087.926	3624.112	0.8696	-.0003	-19.188	-.0272	00	188279.420	30	188243.733
52	35	5825941.828	3623.545	0.8683	-.0003	-19.222	-.0272	00	188208.042	30	188172.347
	36	5827795.736	3622.976	0.8670	-.0003	-19.256	-.0272	00	188136.648	30	188100.945
	37	5829649.649	3622.407	0.8656	-.0003	-19.290	-.0272	00	188065.238	30	188029.527
	38	5831503.567	3621.835	0.8643	-.0003	-19.324	-.0272	00	187993.812	30	187958.093
	39	5833357.490	3621.263	0.8629	-.0003	-19.358	-.0272	00	187922.370	30	187886.643
52	40	5835211.419	3620.690	0.8616	-.0003	-19.392	-.0271	00	187850.912	30	187815.176
	41	5837065.353	3620.115	0.8603	-.0003	-19.426	-.0271	00	187779.437	30	187743.694
	42	5838919.292	3619.539	0.8589	-.0003	-19.460	-.0271	00	187707.947	30	187672.195
	43	5840773.236	3618.962	0.8576	-.0003	-19.494	-.0271	00	187636.440	30	187600.681
	44	5842627.186	3618.383	0.8562	-.0003	-19.528	-.0271	00	187564.918	30	187529.150
52	45	5844481.140	3617.803	0.8549	-.0003	-19.562	-.0271	00	187493.379	30	187457.604
	46	5846335.100	3617.223	0.8536	-.0003	-19.596	-.0270	00	187421.825	30	187386.041
	47	5848189.066	3616.640	0.8522	-.0003	-19.629	-.0270	00	187350.254	30	187314.463
	48	5850043.036	3616.057	0.8509	-.0003	-19.663	-.0270	00	187278.667	30	187242.868
	49	5851897.012	3615.472	0.8496	-.0003	-19.697	-.0270	00	187207.065	30	187171.257
52	50	5853750.993	3614.887	0.8482	-.0003	-19.730	-.0270	00	187135.446	30	187099.631
	51	5855604.979	3614.300	0.8469	-.0003	-19.764	-.0270	00	187063.811	30	187027.988
	52	5857458.971	3613.711	0.8455	-.0003	-19.798	-.0269	00	186992.161	30	186956.330
	53	5859312.967	3613.122	0.8442	-.0003	-19.831	-.0269	00	186920.494	30	186884.655
	54	5861166.969	3612.531	0.8429	-.0003	-19.865	-.0269	00	186848.812	30	186812.964
52	55	5863020.976	3611.939	0.8415	-.0003	-19.898	-.0269	00	186777.113	30	186741.258
	56	5864874.989	3611.346	0.8402	-.0003	-19.931	-.0269	00	186705.399	30	186669.535
	57	5866729.006	3610.752	0.8389	-.0003	-19.965	-.0269	00	186633.668	30	186597.797
	58	5868583.029	3610.156	0.8375	-.0003	-19.998	-.0268	00	186561.922	30	186526.042
	59	5870437.057	3609.559	0.8362	-.0003	-20.031	-.0268	00	186490.159	30	186454.272
53	00	5872291.091	3608.961	0.8349	-.0003	-20.065	-.0268	00	186418.381	30	186382.486

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
53	0	5872291.091	3608.961	0.8349	-.0003	-20.065	-.0268	00	186418.381	30	186382.486
	1	5874145.129	3608.362	0.8335	-.0003	-20.098	-.0268	00	186346.587	30	186310.684
	2	5875999.173	3607.761	0.8322	-.0003	-20.131	-.0268	00	186274.776	30	186238.865
	3	5877853.222	3607.160	0.8309	-.0003	-20.164	-.0268	00	186202.950	30	186167.031
	4	5879707.276	3606.557	0.8295	-.0003	-20.197	-.0267	00	186131.108	30	186095.181
53	5	5881561.335	3605.953	0.8282	-.0003	-20.230	-.0267	00	186059.250	30	186023.315
	6	5883415.400	3605.347	0.8269	-.0003	-20.263	-.0267	00	185987.376	30	185951.433
	7	5885269.470	3604.741	0.8255	-.0003	-20.296	-.0267	00	185915.487	30	185879.536
	8	5887123.545	3604.133	0.8242	-.0003	-20.329	-.0267	00	185843.581	30	185807.622
	9	5888977.626	3603.524	0.8229	-.0003	-20.362	-.0267	00	185771.659	30	185735.693
53	10	5890831.711	3602.914	0.8216	-.0003	-20.395	-.0266	00	185699.722	30	185663.747
	11	5892685.802	3602.302	0.8202	-.0003	-20.427	-.0266	00	185627.769	30	185591.786
	12	5894539.898	3601.689	0.8189	-.0003	-20.460	-.0266	00	185555.799	30	185519.809
	13	5896393.999	3601.075	0.8176	-.0003	-20.493	-.0266	00	185483.814	30	185447.816
	14	5898248.105	3600.460	0.8162	-.0003	-20.526	-.0266	00	185411.813	30	185375.807
53	15	5900102.217	3599.844	0.8149	-.0003	-20.558	-.0266	00	185339.797	30	185303.782
	16	5901956.334	3599.226	0.8136	-.0003	-20.591	-.0265	00	185267.764	30	185231.742
	17	5903810.456	3598.607	0.8123	-.0003	-20.623	-.0265	00	185195.716	30	185159.685
	18	5905664.583	3597.987	0.8109	-.0003	-20.656	-.0265	00	185123.651	30	185087.613
	19	5907518.716	3597.366	0.8096	-.0003	-20.688	-.0265	00	185051.571	30	185015.525
53	20	5909372.854	3596.744	0.8083	-.0003	-20.721	-.0265	00	184979.475	30	184943.421
	21	5911226.996	3596.120	0.8069	-.0003	-20.753	-.0264	00	184907.363	30	184871.302
	22	5913081.145	3595.495	0.8056	-.0003	-20.786	-.0264	00	184835.236	30	184799.166
	23	5914935.298	3594.869	0.8043	-.0003	-20.818	-.0264	00	184763.092	30	184727.015
	24	5916789.457	3594.242	0.8030	-.0003	-20.850	-.0264	00	184690.933	30	184654.848
53	25	5918643.620	3593.613	0.8016	-.0003	-20.882	-.0264	00	184618.758	30	184582.665
	26	5920497.789	3592.983	0.8003	-.0003	-20.915	-.0264	00	184546.567	30	184510.466
	27	5922351.963	3592.352	0.7990	-.0003	-20.947	-.0263	00	184474.361	30	184438.252
	28	5924206.143	3591.720	0.7977	-.0003	-20.979	-.0263	00	184402.139	30	184366.022
	29	5926060.327	3591.087	0.7964	-.0003	-21.011	-.0263	00	184329.901	30	184293.776
53	30	5927914.517	3590.452	0.7950	-.0003	-21.043	-.0263	00	184257.647	30	184221.514
	31	5929768.712	3589.816	0.7937	-.0003	-21.075	-.0263	00	184185.377	30	184149.236
	32	5931622.912	3589.179	0.7924	-.0003	-21.107	-.0263	00	184113.092	30	184076.943
	33	5933477.118	3588.541	0.7911	-.0003	-21.139	-.0262	00	184040.791	30	184004.634
	34	5935331.328	3587.901	0.7897	-.0003	-21.171	-.0262	00	183968.474	30	183932.309
53	35	5937185.544	3587.260	0.7884	-.0003	-21.202	-.0262	00	183896.141	30	183859.969
	36	5939039.765	3586.618	0.7871	-.0003	-21.234	-.0262	00	183823.793	30	183787.613
	37	5940893.991	3585.975	0.7858	-.0003	-21.266	-.0262	00	183751.429	30	183715.241
	38	5942748.223	3585.331	0.7845	-.0003	-21.298	-.0261	00	183679.049	30	183642.853
	39	5944602.459	3584.685	0.7831	-.0003	-21.329	-.0261	00	183606.654	30	183570.450
53	40	5946456.701	3584.038	0.7818	-.0003	-21.361	-.0261	00	183534.242	30	183498.031
	41	5948310.948	3583.390	0.7805	-.0003	-21.392	-.0261	00	183461.816	30	183425.596
	42	5950165.200	3582.741	0.7792	-.0003	-21.424	-.0261	00	183389.373	30	183353.146
	43	5952019.457	3582.091	0.7779	-.0003	-21.455	-.0261	00	183316.915	30	183280.680
	44	5953873.720	3581.439	0.7765	-.0003	-21.487	-.0260	00	183244.441	30	183208.198
53	45	5955727.988	3580.786	0.7752	-.0003	-21.518	-.0260	00	183171.951	30	183135.701
	46	5957582.261	3580.132	0.7739	-.0003	-21.550	-.0260	00	183099.446	30	183063.188
	47	5959436.539	3579.477	0.7726	-.0003	-21.581	-.0260	00	183026.925	30	182990.659
	48	5961290.822	3578.820	0.7713	-.0003	-21.612	-.0260	00	182954.389	30	182918.115
	49	5963145.110	3578.162	0.7700	-.0003	-21.644	-.0260	00	182881.837	30	182845.555
53	50	5964999.404	3577.503	0.7686	-.0003	-21.675	-.0259	00	182809.269	30	182772.979
	51	5966853.703	3576.843	0.7673	-.0003	-21.706	-.0259	00	182736.685	30	182700.388
	52	5968708.007	3576.182	0.7660	-.0003	-21.737	-.0259	00	182664.086	30	182627.781
	53	5970562.316	3575.519	0.7647	-.0003	-21.768	-.0259	00	182591.471	30	182555.158
	54	5972416.630	3574.856	0.7634	-.0003	-21.799	-.0259	00	182518.841	30	182482.520
53	55	5974270.950	3574.191	0.7621	-.0003	-21.830	-.0258	00	182446.195	30	182409.866
	56	5976125.275	3573.524	0.7608	-.0003	-21.861	-.0258	00	182373.534	30	182337.197
	57	5977979.605	3572.857	0.7594	-.0003	-21.892	-.0258	00	182300.856	30	182264.512
	58	5979833.940	3572.188	0.7581	-.0003	-21.923	-.0258	00	182228.164	30	182191.811
	59	5981688.280	3571.518	0.7568	-.0003	-21.954	-.0258	00	182155.455	30	182119.095
54	00	5983542.625	3570.847	0.7555	-.0003	-21.985	-.0257	00	182082.731	30	182046.364

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
54	0	5983542.625	3570.847	0.7555	-.0003	-21.985	-.0257	00	182082.731	30	182046.364
	1	5985396.976	3570.175	0.7542	-.0003	-22.015	-.0257	00	182009.992	30	181973.616
	2	5987251.332	3569.501	0.7529	-.0003	-22.046	-.0257	00	181937.237	30	181900.853
	3	5989105.693	3568.827	0.7516	-.0003	-22.077	-.0257	00	181864.466	30	181828.075
	4	5990960.059	3568.151	0.7503	-.0003	-22.107	-.0257	00	181791.680	30	181755.281
54	5	5992814.430	3567.474	0.7490	-.0003	-22.138	-.0257	00	181718.878	30	181682.472
	6	5994668.807	3566.795	0.7477	-.0003	-22.168	-.0256	00	181646.061	30	181609.647
	7	5996523.188	3566.116	0.7463	-.0003	-22.199	-.0256	00	181573.228	30	181536.806
	8	5998377.575	3565.435	0.7450	-.0003	-22.229	-.0256	00	181500.380	30	181463.950
	9	6000231.967	3564.753	0.7437	-.0003	-22.260	-.0256	00	181427.516	30	181391.078
54	10	6002086.364	3564.070	0.7424	-.0003	-22.290	-.0256	00	181354.637	30	181318.191
	11	6003940.767	3563.386	0.7411	-.0003	-22.321	-.0255	00	181281.742	30	181245.289
	12	6005795.174	3562.700	0.7398	-.0003	-22.351	-.0255	00	181208.831	30	181172.370
	13	6007649.587	3562.013	0.7385	-.0003	-22.381	-.0255	00	181135.905	30	181099.437
	14	6009504.005	3561.325	0.7372	-.0003	-22.411	-.0255	00	181062.964	30	181026.488
54	15	6011358.427	3560.636	0.7359	-.0003	-22.442	-.0255	00	180990.007	30	180953.523
	16	6013212.856	3559.946	0.7346	-.0003	-22.472	-.0255	00	180917.035	30	180880.543
	17	6015067.289	3559.254	0.7333	-.0003	-22.502	-.0254	00	180844.047	30	180807.547
	18	6016921.727	3558.561	0.7320	-.0003	-22.532	-.0254	00	180771.044	30	180734.536
	19	6018776.171	3557.867	0.7307	-.0003	-22.562	-.0254	00	180698.025	30	180661.510
54	20	6020630.620	3557.172	0.7294	-.0003	-22.592	-.0254	00	180624.991	30	180588.468
	21	6022485.074	3556.475	0.7281	-.0003	-22.622	-.0254	00	180551.941	30	180515.410
	22	6024339.533	3555.778	0.7268	-.0003	-22.652	-.0253	00	180478.876	30	180442.337
	23	6026193.997	3555.079	0.7255	-.0003	-22.682	-.0253	00	180405.795	30	180369.249
	24	6028048.466	3554.379	0.7242	-.0003	-22.711	-.0253	00	180332.699	30	180296.145
54	25	6029902.941	3553.678	0.7229	-.0003	-22.741	-.0253	00	180259.588	30	180223.026
	26	6031757.420	3552.975	0.7216	-.0003	-22.771	-.0253	00	180186.461	30	180149.892
	27	6033611.905	3552.271	0.7203	-.0003	-22.801	-.0252	00	180113.319	30	180076.742
	28	6035466.395	3551.567	0.7190	-.0003	-22.830	-.0252	00	180040.161	30	180003.576
	29	6037320.890	3550.861	0.7177	-.0003	-22.860	-.0252	00	179966.988	30	179930.396
54	30	6039175.390	3550.153	0.7164	-.0003	-22.889	-.0252	00	179893.799	30	179857.199
	31	6041029.896	3549.445	0.7151	-.0003	-22.919	-.0252	00	179820.596	30	179783.988
	32	6042884.406	3548.735	0.7138	-.0003	-22.948	-.0251	00	179747.376	30	179710.761
	33	6044738.922	3548.024	0.7125	-.0003	-22.978	-.0251	00	179674.142	30	179637.519
	34	6046593.443	3547.312	0.7112	-.0003	-23.007	-.0251	00	179600.892	30	179564.261
54	35	6048447.969	3546.599	0.7099	-.0003	-23.037	-.0251	00	179527.626	30	179490.988
	36	6050302.500	3545.884	0.7086	-.0003	-23.066	-.0251	00	179454.346	30	179417.699
	37	6052157.036	3545.169	0.7073	-.0003	-23.095	-.0251	00	179381.049	30	179344.396
	38	6054011.578	3544.452	0.7060	-.0003	-23.124	-.0250	00	179307.738	30	179271.077
	39	6055866.124	3543.734	0.7047	-.0003	-23.154	-.0250	00	179234.411	30	179197.742
54	40	6057720.676	3543.014	0.7034	-.0003	-23.183	-.0250	00	179161.069	30	179124.392
	41	6059575.232	3542.294	0.7021	-.0003	-23.212	-.0250	00	179087.712	30	179051.027
	42	6061429.794	3541.572	0.7008	-.0003	-23.241	-.0250	00	179014.339	30	178977.647
	43	6063284.361	3540.849	0.6995	-.0003	-23.270	-.0249	00	178940.951	30	178904.251
	44	6065138.934	3540.125	0.6982	-.0003	-23.299	-.0249	00	178867.547	30	178830.840
54	45	6066993.511	3539.400	0.6969	-.0003	-23.328	-.0249	00	178794.129	30	178757.414
	46	6068848.093	3538.673	0.6957	-.0003	-23.357	-.0249	00	178720.695	30	178683.972
	47	6070702.681	3537.945	0.6944	-.0003	-23.386	-.0249	00	178647.246	30	178610.515
	48	6072557.274	3537.216	0.6931	-.0003	-23.414	-.0248	00	178573.781	30	178537.043
	49	6074411.871	3536.486	0.6918	-.0003	-23.443	-.0248	00	178500.301	30	178463.555
54	50	6076266.474	3535.755	0.6905	-.0003	-23.472	-.0248	00	178426.806	30	178390.053
	51	6078121.082	3535.023	0.6892	-.0003	-23.501	-.0248	00	178353.296	30	178316.535
	52	6079975.696	3534.289	0.6879	-.0003	-23.529	-.0248	00	178279.770	30	178243.001
	53	6081830.314	3533.554	0.6866	-.0003	-23.558	-.0247	00	178206.229	30	178169.453
	54	6083684.937	3532.818	0.6853	-.0003	-23.586	-.0247	00	178132.673	30	178095.889
54	55	6085539.566	3532.081	0.6841	-.0003	-23.615	-.0247	00	178059.102	30	178022.310
	56	6087394.200	3531.342	0.6828	-.0003	-23.643	-.0247	00	177985.515	30	177948.716
	57	6089248.838	3530.602	0.6815	-.0003	-23.672	-.0247	00	177911.913	30	177875.106
	58	6091103.482	3529.861	0.6802	-.0003	-23.700	-.0246	00	177838.296	30	177801.482
	59	6092958.131	3529.119	0.6789	-.0003	-23.729	-.0246	00	177764.664	30	177727.842
55	00	6094812.786	3528.376	0.6776	-.0003	-23.757	-.0246	00	177691.016	30	177654.187

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
55	0	6094812.786	3528.376	0.6776	-.0003	-23.757	-.0246	00	177691.016	30	177654.187
	1	6096667.445	3527.632	0.6764	-.0003	-23.785	-.0246	00	177617.353	30	177580.516
	2	6098522.109	3526.886	0.6751	-.0003	-23.813	-.0246	00	177543.676	30	177506.831
	3	6100376.779	3526.139	0.6738	-.0003	-23.842	-.0245	00	177469.982	30	177433.130
	4	6102231.453	3525.391	0.6725	-.0003	-23.870	-.0245	00	177396.274	30	177359.414
55	5	6104086.133	3524.642	0.6712	-.0003	-23.898	-.0245	00	177322.551	30	177285.683
	6	6105940.818	3523.891	0.6699	-.0003	-23.926	-.0245	00	177248.812	30	177211.937
	7	6107795.508	3523.140	0.6687	-.0003	-23.954	-.0245	00	177175.058	30	177138.176
	8	6109650.203	3522.387	0.6674	-.0003	-23.982	-.0244	00	177101.289	30	177064.399
	9	6111504.903	3521.633	0.6661	-.0003	-24.010	-.0244	00	177027.505	30	176990.607
55	10	6113359.608	3520.877	0.6648	-.0003	-24.038	-.0244	00	176953.706	30	176916.800
	11	6115214.318	3520.121	0.6635	-.0003	-24.065	-.0244	00	176879.891	30	176842.978
	12	6117069.034	3519.363	0.6623	-.0003	-24.093	-.0244	00	176806.062	30	176769.141
	13	6118923.754	3518.604	0.6610	-.0003	-24.121	-.0243	00	176732.217	30	176695.289
	14	6120778.480	3517.844	0.6597	-.0003	-24.149	-.0243	00	176658.357	30	176621.422
55	15	6122633.211	3517.083	0.6584	-.0003	-24.176	-.0243	00	176584.482	30	176547.539
	16	6124487.947	3516.321	0.6572	-.0003	-24.204	-.0243	00	176510.592	30	176473.642
	17	6126342.688	3515.557	0.6559	-.0003	-24.232	-.0243	00	176436.687	30	176399.729
	18	6128197.434	3514.792	0.6546	-.0003	-24.259	-.0242	00	176362.767	30	176325.801
	19	6130052.185	3514.026	0.6533	-.0003	-24.287	-.0242	00	176288.831	30	176251.858
55	20	6131906.941	3513.259	0.6521	-.0003	-24.314	-.0242	00	176214.881	30	176177.900
	21	6133761.702	3512.491	0.6508	-.0003	-24.342	-.0242	00	176140.915	30	176103.927
	22	6135616.469	3511.721	0.6495	-.0003	-24.369	-.0242	00	176066.935	30	176029.939
	23	6137471.240	3510.951	0.6482	-.0003	-24.396	-.0241	00	175992.939	30	175955.936
	24	6139326.017	3510.179	0.6470	-.0003	-24.424	-.0241	00	175918.929	30	175881.917
55	25	6141180.798	3509.406	0.6457	-.0003	-24.451	-.0241	00	175844.903	30	175807.884
	26	6143035.585	3508.631	0.6444	-.0003	-24.478	-.0241	00	175770.862	30	175733.836
	27	6144890.377	3507.856	0.6432	-.0003	-24.505	-.0241	00	175696.806	30	175659.772
	28	6146745.174	3507.079	0.6419	-.0003	-24.533	-.0240	00	175622.735	30	175585.694
	29	6148599.976	3506.301	0.6406	-.0003	-24.560	-.0240	00	175548.649	30	175511.601
55	30	6150454.783	3505.522	0.6393	-.0003	-24.587	-.0240	00	175474.548	30	175437.492
	31	6152309.595	3504.742	0.6381	-.0003	-24.614	-.0240	00	175400.432	30	175363.369
	32	6154164.412	3503.960	0.6368	-.0003	-24.641	-.0240	00	175326.301	30	175289.230
	33	6156019.235	3503.178	0.6355	-.0003	-24.668	-.0239	00	175252.155	30	175215.077
	34	6157874.062	3502.394	0.6343	-.0003	-24.694	-.0239	00	175177.994	30	175140.908
55	35	6159728.895	3501.609	0.6330	-.0003	-24.721	-.0239	00	175103.818	30	175066.725
	36	6161583.732	3500.823	0.6318	-.0003	-24.748	-.0239	00	175029.627	30	174992.526
	37	6163438.575	3500.035	0.6305	-.0003	-24.775	-.0239	00	174955.421	30	174918.313
	38	6165293.423	3499.247	0.6292	-.0003	-24.802	-.0238	00	174881.200	30	174844.084
	39	6167148.275	3498.457	0.6280	-.0003	-24.828	-.0238	00	174806.964	30	174769.841
55	40	6169003.133	3497.666	0.6267	-.0003	-24.855	-.0238	00	174732.713	30	174695.582
	41	6170857.996	3496.874	0.6254	-.0003	-24.882	-.0238	00	174658.448	30	174621.309
	42	6172712.864	3496.081	0.6242	-.0003	-24.908	-.0237	00	174584.167	30	174547.021
	43	6174567.737	3495.286	0.6229	-.0003	-24.935	-.0237	00	174509.871	30	174472.718
	44	6176422.615	3494.491	0.6216	-.0003	-24.961	-.0237	00	174435.560	30	174398.399
55	45	6178277.498	3493.694	0.6204	-.0003	-24.987	-.0237	00	174361.235	30	174324.066
	46	6180132.387	3492.896	0.6191	-.0003	-25.014	-.0237	00	174286.894	30	174249.718
	47	6181987.280	3492.096	0.6179	-.0003	-25.040	-.0236	00	174212.539	30	174175.356
	48	6183842.178	3491.296	0.6166	-.0003	-25.066	-.0236	00	174138.168	30	174100.978
	49	6185697.082	3490.494	0.6154	-.0003	-25.093	-.0236	00	174063.783	30	174026.585
55	50	6187551.990	3489.692	0.6141	-.0003	-25.119	-.0236	00	173989.383	30	173952.177
	51	6189406.904	3488.888	0.6128	-.0003	-25.145	-.0236	00	173914.968	30	173877.755
	52	6191261.823	3488.082	0.6116	-.0003	-25.171	-.0235	00	173840.538	30	173803.317
	53	6193116.746	3487.276	0.6103	-.0003	-25.197	-.0235	00	173766.093	30	173728.865
	54	6194971.675	3486.469	0.6091	-.0003	-25.223	-.0235	00	173691.634	30	173654.398
55	55	6196826.609	3485.660	0.6078	-.0003	-25.249	-.0235	00	173617.159	30	173579.916
	56	6198681.548	3484.850	0.6066	-.0003	-25.275	-.0235	00	173542.669	30	173505.419
	57	6200536.491	3484.039	0.6053	-.0003	-25.301	-.0234	00	173468.165	30	173430.907
	58	6202391.440	3483.227	0.6041	-.0003	-25.327	-.0234	00	173393.646	30	173356.381
	59	6204246.394	3482.413	0.6028	-.0003	-25.353	-.0234	00	173319.112	30	173281.840
56	00	6206101.353	3481.599	0.6016	-.0003	-25.379	-.0234	00	173244.563	30	173207.283

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
56	0	6206101.353	3481.599	0.6016	-.0003	-25.379	-.0234	00	173244.563	30	173207.283
	1	6207956.318	3480.783	0.6003	-.0003	-25.404	-.0234	00	173170.000	30	173132.712
	2	6209811.287	3479.966	0.5991	-.0003	-25.430	-.0233	00	173095.421	30	173058.126
	3	6211666.261	3479.148	0.5978	-.0003	-25.456	-.0233	00	173020.828	30	172983.526
	4	6213521.240	3478.328	0.5966	-.0003	-25.481	-.0233	00	172946.220	30	172908.910
56	5	6215376.224	3477.508	0.5953	-.0003	-25.507	-.0233	00	172871.597	30	172834.280
	6	6217231.214	3476.686	0.5941	-.0003	-25.532	-.0232	00	172796.959	30	172759.635
	7	6219086.208	3475.863	0.5928	-.0003	-25.558	-.0232	00	172722.307	30	172684.975
	8	6220941.207	3475.039	0.5916	-.0003	-25.583	-.0232	00	172647.639	30	172610.300
	9	6222796.212	3474.214	0.5903	-.0003	-25.609	-.0232	00	172572.957	30	172535.611
56	10	6224651.221	3473.388	0.5891	-.0003	-25.634	-.0232	00	172498.260	30	172460.906
	11	6226506.236	3472.560	0.5878	-.0003	-25.660	-.0231	00	172423.549	30	172386.187
	12	6228361.255	3471.731	0.5866	-.0003	-25.685	-.0231	00	172348.822	30	172311.454
	13	6230216.280	3470.901	0.5853	-.0003	-25.710	-.0231	00	172274.081	30	172236.705
	14	6232071.309	3470.070	0.5841	-.0003	-25.735	-.0231	00	172199.325	30	172161.942
56	15	6233926.344	3469.238	0.5828	-.0003	-25.760	-.0231	00	172124.555	30	172087.164
	16	6235781.384	3468.404	0.5816	-.0003	-25.785	-.0230	00	172049.769	30	172012.371
	17	6237636.428	3467.570	0.5804	-.0003	-25.811	-.0230	00	171974.969	30	171937.564
	18	6239491.478	3466.734	0.5791	-.0003	-25.836	-.0230	00	171900.154	30	171862.741
	19	6241346.533	3465.897	0.5779	-.0003	-25.861	-.0230	00	171825.325	30	171787.905
56	20	6243201.592	3465.059	0.5766	-.0003	-25.885	-.0230	00	171750.481	30	171713.053
	21	6245056.657	3464.219	0.5754	-.0003	-25.910	-.0229	00	171675.622	30	171638.187
	22	6246911.727	3463.379	0.5742	-.0003	-25.935	-.0229	00	171600.748	30	171563.306
	23	6248766.802	3462.537	0.5729	-.0003	-25.960	-.0229	00	171525.860	30	171488.410
	24	6250621.882	3461.694	0.5717	-.0003	-25.985	-.0229	00	171450.957	30	171413.500
56	25	6252476.967	3460.850	0.5705	-.0003	-26.009	-.0228	00	171376.039	30	171338.574
	26	6254332.056	3460.005	0.5692	-.0003	-26.034	-.0228	00	171301.106	30	171263.635
	27	6256187.151	3459.159	0.5680	-.0003	-26.059	-.0228	00	171226.159	30	171188.680
	28	6258042.251	3458.311	0.5667	-.0003	-26.083	-.0228	00	171151.198	30	171113.711
	29	6259897.356	3457.462	0.5655	-.0003	-26.108	-.0228	00	171076.221	30	171038.728
56	30	6261752.466	3456.612	0.5643	-.0003	-26.132	-.0227	00	171001.230	30	170963.729
	31	6263607.581	3455.761	0.5630	-.0003	-26.157	-.0227	00	170926.225	30	170888.716
	32	6265462.701	3454.909	0.5618	-.0003	-26.181	-.0227	00	170851.204	30	170813.689
	33	6267317.826	3454.056	0.5606	-.0003	-26.206	-.0227	00	170776.169	30	170738.646
	34	6269172.956	3453.201	0.5594	-.0003	-26.230	-.0226	00	170701.120	30	170663.590
56	35	6271028.091	3452.345	0.5581	-.0003	-26.254	-.0226	00	170626.056	30	170588.518
	36	6272883.231	3451.488	0.5569	-.0003	-26.279	-.0226	00	170550.977	30	170513.432
	37	6274738.376	3450.630	0.5557	-.0003	-26.303	-.0226	00	170475.883	30	170438.331
	38	6276593.526	3449.771	0.5544	-.0003	-26.327	-.0226	00	170400.775	30	170363.216
	39	6278448.681	3448.911	0.5532	-.0003	-26.351	-.0225	00	170325.653	30	170288.086
56	40	6280303.841	3448.049	0.5520	-.0003	-26.375	-.0225	00	170250.516	30	170212.942
	41	6282159.006	3447.186	0.5508	-.0003	-26.399	-.0225	00	170175.364	30	170137.783
	42	6284014.176	3446.322	0.5495	-.0003	-26.423	-.0225	00	170100.198	30	170062.609
	43	6285869.351	3445.457	0.5483	-.0003	-26.447	-.0225	00	170025.017	30	169987.421
	44	6287724.531	3444.591	0.5471	-.0003	-26.471	-.0224	00	169949.821	30	169912.218
56	45	6289579.716	3443.723	0.5459	-.0003	-26.495	-.0224	00	169874.611	30	169837.001
	46	6291434.906	3442.855	0.5446	-.0003	-26.519	-.0224	00	169799.387	30	169761.769
	47	6293290.101	3441.985	0.5434	-.0003	-26.543	-.0224	00	169724.148	30	169686.523
	48	6295145.301	3441.114	0.5422	-.0003	-26.566	-.0223	00	169648.894	30	169611.262
	49	6297000.506	3440.242	0.5410	-.0003	-26.590	-.0223	00	169573.626	30	169535.986
56	50	6298855.716	3439.369	0.5397	-.0003	-26.614	-.0223	00	169498.343	30	169460.697
	51	6300710.931	3438.494	0.5385	-.0003	-26.637	-.0223	00	169423.046	30	169385.392
	52	6302566.150	3437.618	0.5373	-.0003	-26.661	-.0223	00	169347.734	30	169310.073
	53	6304421.375	3436.742	0.5361	-.0003	-26.684	-.0222	00	169272.408	30	169234.740
	54	6306276.605	3435.864	0.5349	-.0003	-26.708	-.0222	00	169197.068	30	169159.392
56	55	6308131.840	3434.985	0.5336	-.0003	-26.731	-.0222	00	169121.712	30	169084.029
	56	6309987.080	3434.104	0.5324	-.0003	-26.755	-.0222	00	169046.343	30	169008.652
	57	6311842.325	3433.223	0.5312	-.0003	-26.778	-.0221	00	168970.959	30	168933.261
	58	6313697.574	3432.340	0.5300	-.0003	-26.801	-.0221	00	168895.560	30	168857.855
	59	6315552.829	3431.456	0.5288	-.0003	-26.825	-.0221	00	168820.147	30	168782.435
57	00	6317408.089	3430.571	0.5276	-.0003	-26.848	-.0221	00	168744.719	30	168707.000

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSC DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
57	0	6317408.089	3430.571	0.5276	-.0003	-26.848	-.0221	00	168744.719	30	168707.000
	1	6319263.354	3429.685	0.5264	-.0003	-26.871	-.0221	00	168669.277	30	168631.551
	2	6321118.623	3428.798	0.5251	-.0003	-26.894	-.0220	00	168593.821	30	168556.087
	3	6322973.898	3427.910	0.5239	-.0003	-26.917	-.0220	00	168518.350	30	168480.609
	4	6324829.178	3427.020	0.5227	-.0003	-26.940	-.0220	00	168442.865	30	168405.117
57	5	6326684.462	3426.129	0.5215	-.0003	-26.963	-.0220	00	168367.365	30	168329.610
	6	6328539.752	3425.237	0.5203	-.0003	-26.986	-.0220	00	168291.851	30	168254.088
	7	6330395.046	3424.344	0.5191	-.0003	-27.009	-.0219	00	168216.322	30	168178.552
	8	6332250.346	3423.450	0.5179	-.0003	-27.032	-.0219	00	168140.779	30	168103.002
	9	6334105.650	3422.555	0.5167	-.0003	-27.055	-.0219	00	168065.222	30	168027.438
57	10	6335960.960	3421.658	0.5155	-.0003	-27.078	-.0219	00	167989.650	30	167951.859
	11	6337816.274	3420.760	0.5143	-.0003	-27.100	-.0218	00	167914.064	30	167876.265
	12	6339671.594	3419.861	0.5130	-.0003	-27.123	-.0218	00	167838.463	30	167800.658
	13	6341526.918	3418.961	0.5118	-.0003	-27.146	-.0218	00	167762.848	30	167725.036
	14	6343382.247	3418.060	0.5106	-.0003	-27.168	-.0218	00	167687.219	30	167649.399
57	15	6345237.581	3417.158	0.5094	-.0003	-27.191	-.0218	00	167611.575	30	167573.748
	16	6347092.920	3416.254	0.5082	-.0003	-27.213	-.0217	00	167535.917	30	167498.083
	17	6348948.265	3415.349	0.5070	-.0003	-27.236	-.0217	00	167460.245	30	167422.403
	18	6350803.614	3414.444	0.5058	-.0003	-27.258	-.0217	00	167384.558	30	167346.710
	19	6352658.968	3413.537	0.5046	-.0003	-27.281	-.0217	00	167308.857	30	167271.001
57	20	6354514.327	3412.628	0.5034	-.0003	-27.303	-.0216	00	167233.142	30	167195.279
	21	6356369.691	3411.719	0.5022	-.0003	-27.326	-.0216	00	167157.412	30	167119.542
	22	6358225.060	3410.809	0.5010	-.0003	-27.348	-.0216	00	167081.668	30	167043.791
	23	6360080.433	3409.897	0.4998	-.0003	-27.370	-.0216	00	167005.910	30	166968.025
	24	6361935.812	3408.984	0.4986	-.0003	-27.392	-.0216	00	166930.137	30	166892.246
57	25	6363791.196	3408.070	0.4974	-.0003	-27.414	-.0215	00	166854.350	30	166816.451
	26	6365646.584	3407.155	0.4962	-.0003	-27.436	-.0215	00	166778.549	30	166740.643
	27	6367501.978	3406.239	0.4950	-.0003	-27.459	-.0215	00	166702.733	30	166664.820
	28	6369357.377	3405.321	0.4938	-.0003	-27.481	-.0215	00	166626.904	30	166588.983
	29	6371212.780	3404.403	0.4926	-.0003	-27.503	-.0214	00	166551.060	30	166513.132
57	30	6373068.189	3403.483	0.4915	-.0003	-27.524	-.0214	00	166475.201	30	166437.267
	31	6374923.602	3402.562	0.4903	-.0003	-27.546	-.0214	00	166399.329	30	166361.387
	32	6376779.020	3401.640	0.4891	-.0003	-27.568	-.0214	00	166323.442	30	166285.493
	33	6378634.443	3403.717	0.4879	-.0003	-27.590	-.0214	00	166247.541	30	166209.585
	34	6380489.871	3399.793	0.4867	-.0003	-27.612	-.0213	00	166171.625	30	166133.662
57	35	6382345.305	3398.867	0.4855	-.0003	-27.633	-.0213	00	166095.696	30	166057.726
	36	6384200.743	3397.941	0.4843	-.0003	-27.655	-.0213	00	166019.752	30	165981.775
	37	6386056.186	3397.013	0.4831	-.0003	-27.677	-.0213	00	165943.794	30	165905.810
	38	6387911.633	3396.084	0.4819	-.0003	-27.698	-.0212	00	165867.822	30	165829.830
	39	6389767.086	3395.154	0.4807	-.0003	-27.720	-.0212	00	165791.835	30	165753.837
57	40	6391622.544	3394.223	0.4796	-.0003	-27.741	-.0212	00	165715.835	30	165677.829
	41	6393478.006	3393.290	0.4784	-.0003	-27.763	-.0212	00	165639.820	30	165601.807
	42	6395333.474	3392.357	0.4772	-.0003	-27.784	-.0211	00	165563.791	30	165525.771
	43	6397188.946	3391.422	0.4760	-.0003	-27.806	-.0211	00	165487.747	30	165449.721
	44	6399044.424	3390.486	0.4748	-.0003	-27.827	-.0211	00	165411.690	30	165373.656
57	45	6400899.906	3389.549	0.4736	-.0003	-27.848	-.0211	00	165335.618	30	165297.577
	46	6402755.393	3388.611	0.4724	-.0003	-27.869	-.0211	00	165259.533	30	165221.485
	47	6404610.886	3387.672	0.4713	-.0003	-27.891	-.0210	00	165183.433	30	165145.378
	48	6406466.383	3386.731	0.4701	-.0003	-27.912	-.0210	00	165107.319	30	165069.256
	49	6408321.885	3385.789	0.4689	-.0003	-27.933	-.0210	00	165031.191	30	164993.121
57	50	6410177.391	3384.847	0.4677	-.0003	-27.954	-.0210	00	164955.048	30	164916.972
	51	6412032.903	3383.903	0.4665	-.0003	-27.975	-.0209	00	164878.892	30	164840.808
	52	6413888.420	3382.958	0.4654	-.0003	-27.996	-.0209	00	164802.721	30	164764.631
	53	6415743.941	3382.012	0.4642	-.0003	-28.017	-.0209	00	164726.536	30	164688.439
	54	6417599.468	3381.064	0.4630	-.0003	-28.038	-.0209	00	164650.338	30	164612.233
57	55	6419454.999	3380.116	0.4618	-.0003	-28.059	-.0209	00	164574.125	30	164536.013
	56	6421310.536	3379.166	0.4607	-.0003	-28.079	-.0208	00	164497.898	30	164459.779
	57	6423166.077	3378.215	0.4595	-.0003	-28.100	-.0208	00	164421.656	30	164383.531
	58	6425021.623	3377.263	0.4583	-.0003	-28.121	-.0208	00	164345.401	30	164307.268
	59	6426877.174	3376.310	0.4571	-.0003	-28.142	-.0208	00	164269.132	30	164230.992
58	00	6428732.730	3375.356	0.4560	-.0003	-28.162	-.0207	00	164192.849	30	164154.702

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSC DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
58	0	6428732.730	3375.356	0.4560	-.0003	-28.162	-.0207	00	164192.849	30	164154.702
	1	6430588.291	3374.401	0.4548	-.0003	-28.183	-.0207	00	164116.551	30	164078.397
	2	6432443.856	3373.444	0.4536	-.0003	-28.203	-.0207	00	164040.240	30	164002.079
	3	6434299.427	3372.487	0.4525	-.0003	-28.224	-.0207	00	163963.914	30	163925.746
	4	6436155.002	3371.528	0.4513	-.0003	-28.244	-.0206	00	163887.574	30	163849.399
58	5	6438010.583	3370.568	0.4501	-.0003	-28.265	-.0206	00	163811.221	30	163773.039
	6	6439866.168	3369.607	0.4489	-.0003	-28.285	-.0206	00	163734.853	30	163696.664
	7	6441721.758	3368.644	0.4478	-.0003	-28.306	-.0206	00	163658.471	30	163620.275
	8	6443577.353	3367.681	0.4466	-.0003	-28.326	-.0206	00	163582.076	30	163543.873
	9	6445432.953	3366.717	0.4454	-.0003	-28.346	-.0205	00	163505.666	30	163467.456
58	10	6447288.558	3365.751	0.4443	-.0003	-28.366	-.0205	00	163429.242	30	163391.025
	11	6449144.167	3364.784	0.4431	-.0003	-28.386	-.0205	00	163352.804	30	163314.580
	12	6450999.782	3363.816	0.4420	-.0003	-28.406	-.0205	00	163276.353	30	163238.121
	13	6452855.401	3362.847	0.4408	-.0003	-28.427	-.0204	00	163199.887	30	163161.649
	14	6454711.026	3361.877	0.4396	-.0003	-28.447	-.0204	00	163123.407	30	163085.162
58	15	6456566.655	3360.906	0.4385	-.0003	-28.467	-.0204	00	163046.913	30	163008.661
	16	6458422.289	3359.933	0.4373	-.0003	-28.487	-.0204	00	162970.406	30	162932.147
	17	6460277.928	3358.959	0.4361	-.0003	-28.506	-.0204	00	162893.884	30	162855.618
	18	6462133.572	3357.985	0.4350	-.0003	-28.526	-.0203	00	162817.348	30	162779.075
	19	6463989.220	3357.009	0.4338	-.0003	-28.546	-.0203	00	162740.799	30	162702.519
58	20	6465844.874	3356.032	0.4327	-.0003	-28.566	-.0203	00	162664.235	30	162625.948
	21	6467700.532	3355.053	0.4315	-.0003	-28.586	-.0203	00	162587.658	30	162549.364
	22	6469556.196	3354.074	0.4304	-.0003	-28.605	-.0202	00	162511.066	30	162472.765
	23	6471411.864	3353.094	0.4292	-.0003	-28.625	-.0202	00	162434.461	30	162396.153
	24	6473267.537	3352.112	0.4281	-.0003	-28.644	-.0202	00	162357.842	30	162319.527
58	25	6475123.215	3351.129	0.4269	-.0003	-28.664	-.0202	00	162281.209	30	162242.887
	26	6476978.897	3350.145	0.4257	-.0003	-28.684	-.0201	00	162204.562	30	162166.233
	27	6478834.585	3349.160	0.4246	-.0003	-28.703	-.0201	00	162127.901	30	162089.565
	28	6480690.277	3348.174	0.4234	-.0003	-28.722	-.0201	00	162051.226	30	162012.883
	29	6482545.975	3347.187	0.4223	-.0003	-28.742	-.0201	00	161974.537	30	161936.188
58	30	6484401.677	3346.198	0.4211	-.0003	-28.761	-.0201	00	161897.834	30	161859.478
	31	6486257.384	3345.209	0.4200	-.0003	-28.780	-.0200	00	161821.118	30	161782.755
	32	6488113.096	3344.218	0.4188	-.0003	-28.800	-.0200	00	161744.388	30	161706.017
	33	6489968.812	3343.226	0.4177	-.0003	-28.819	-.0200	00	161667.643	30	161629.266
	34	6491824.534	3342.233	0.4166	-.0003	-28.838	-.0200	00	161590.885	30	161552.501
58	35	6493680.260	3341.239	0.4154	-.0003	-28.857	-.0199	00	161514.113	30	161475.722
	36	6495535.991	3340.244	0.4143	-.0003	-28.876	-.0199	00	161437.328	30	161398.930
	37	6497391.728	3339.248	0.4131	-.0003	-28.895	-.0199	00	161360.528	30	161322.123
	38	6499247.469	3338.250	0.4120	-.0003	-28.914	-.0199	00	161283.715	30	161245.303
	39	6501103.214	3337.252	0.4108	-.0003	-28.933	-.0198	00	161206.887	30	161168.468
58	40	6502958.965	3336.252	0.4097	-.0003	-28.952	-.0198	00	161130.046	30	161091.621
	41	6504814.720	3335.251	0.4085	-.0003	-28.971	-.0198	00	161053.191	30	161014.759
	42	6506670.481	3334.249	0.4074	-.0003	-28.990	-.0198	00	160976.323	30	160937.883
	43	6508526.246	3333.246	0.4063	-.0003	-29.008	-.0198	00	160899.440	30	160860.994
	44	6510382.016	3332.241	0.4051	-.0003	-29.027	-.0197	00	160822.544	30	160784.091
58	45	6512237.791	3331.236	0.4040	-.0003	-29.046	-.0197	00	160745.634	30	160707.174
	46	6514093.570	3330.229	0.4029	-.0003	-29.064	-.0197	00	160668.710	30	160630.243
	47	6515949.355	3329.222	0.4017	-.0003	-29.083	-.0197	00	160591.772	30	160553.298
	48	6517805.144	3328.213	0.4006	-.0003	-29.102	-.0196	00	160514.821	30	160476.340
	49	6519660.938	3327.203	0.3994	-.0003	-29.120	-.0196	00	160437.856	30	160399.368
58	50	6521516.737	3326.192	0.3983	-.0003	-29.139	-.0196	00	160360.877	30	160322.382
	51	6523372.541	3325.180	0.3972	-.0003	-29.157	-.0196	00	160283.884	30	160245.383
	52	6525228.349	3324.166	0.3960	-.0003	-29.175	-.0195	00	160206.878	30	160168.370
	53	6527084.163	3323.152	0.3949	-.0003	-29.194	-.0195	00	160129.858	30	160091.343
	54	6528939.981	3322.136	0.3938	-.0003	-29.212	-.0195	00	160052.824	30	160014.302
58	55	6530795.804	3321.120	0.3927	-.0003	-29.230	-.0195	00	159975.777	30	159937.248
	56	6532651.632	3320.102	0.3915	-.0003	-29.248	-.0195	00	159898.715	30	159860.180
	57	6534507.465	3319.083	0.3904	-.0003	-29.267	-.0194	00	159821.640	30	159783.098
	58	6536363.302	3318.063	0.3893	-.0003	-29.285	-.0194	00	159744.552	30	159706.002
	59	6538219.144	3317.042	0.3881	-.0003	-29.303	-.0194	00	159667.449	30	159628.893
59	00	6540074.992	3316.019	0.3870	-.0003	-29.321	-.0194	00	159590.333	30	159551.770

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
59	0	6540074.992	3316.019	0.3870	-.0003	-29.321	-.0194	00	159590.333	30	159551.770
	1	6541930.843	3314.996	0.3859	-.0003	-29.339	-.0193	00	159513.204	30	159474.634
	2	6543786.700	3313.971	0.3848	-.0003	-29.357	-.0193	00	159436.060	30	159397.483
	3	6545642.562	3312.946	0.3836	-.0003	-29.375	-.0193	00	159358.903	30	159320.319
	4	6547498.428	3311.919	0.3825	-.0003	-29.392	-.0193	00	159281.732	30	159243.142
59	5	6549354.299	3310.891	0.3814	-.0003	-29.410	-.0192	00	159204.548	30	159165.951
	6	6551210.175	3309.862	0.3803	-.0003	-29.428	-.0192	00	159127.350	30	159088.746
	7	6553066.056	3308.831	0.3792	-.0003	-29.446	-.0192	00	159050.138	30	159011.527
	8	6554921.942	3307.800	0.3780	-.0003	-29.463	-.0192	00	158972.913	30	158934.295
	9	6556777.832	3306.768	0.3769	-.0003	-29.481	-.0192	00	158895.674	30	158857.050
59	10	6558633.727	3305.734	0.3758	-.0003	-29.499	-.0191	00	158818.422	30	158779.790
	11	6560489.627	3304.699	0.3747	-.0003	-29.516	-.0191	00	158741.155	30	158702.517
	12	6562345.532	3303.664	0.3736	-.0003	-29.534	-.0191	00	158663.876	30	158625.231
	13	6564201.441	3302.627	0.3724	-.0003	-29.551	-.0191	00	158586.582	30	158547.931
	14	6566057.356	3301.589	0.3713	-.0003	-29.569	-.0190	00	158509.275	30	158470.617
59	15	6567913.275	3300.549	0.3702	-.0003	-29.586	-.0190	00	158431.955	30	158393.289
	16	6569769.199	3299.509	0.3691	-.0003	-29.603	-.0190	00	158354.621	30	158315.949
	17	6571625.127	3298.468	0.3680	-.0003	-29.621	-.0190	00	158277.273	30	158238.594
	18	6573481.061	3297.425	0.3669	-.0003	-29.638	-.0189	00	158199.912	30	158161.226
	19	6575336.999	3296.382	0.3658	-.0003	-29.655	-.0189	00	158122.537	30	158083.844
59	20	6577192.942	3295.337	0.3647	-.0003	-29.672	-.0189	00	158045.149	30	158006.449
	21	6579048.890	3294.291	0.3636	-.0003	-29.689	-.0189	00	157967.747	30	157929.041
	22	6580904.843	3293.244	0.3624	-.0003	-29.706	-.0188	00	157890.331	30	157851.618
	23	6582760.800	3292.196	0.3613	-.0003	-29.723	-.0188	00	157812.902	30	157774.182
	24	6584616.762	3291.147	0.3602	-.0003	-29.740	-.0188	00	157735.460	30	157696.733
59	25	6586472.729	3290.096	0.3591	-.0003	-29.757	-.0188	00	157658.003	30	157619.270
	26	6588328.701	3289.045	0.3580	-.0003	-29.774	-.0188	00	157580.534	30	157541.794
	27	6590184.677	3287.992	0.3569	-.0003	-29.791	-.0187	00	157503.051	30	157464.304
	28	6592040.659	3286.938	0.3558	-.0003	-29.808	-.0187	00	157425.554	30	157386.801
	29	6593896.645	3285.884	0.3547	-.0003	-29.824	-.0187	00	157348.044	30	157309.284
59	30	6595752.635	3284.828	0.3536	-.0003	-29.841	-.0187	00	157270.520	30	157231.754
	31	6597608.631	3283.771	0.3525	-.0003	-29.858	-.0186	00	157192.983	30	157154.210
	32	6599464.631	3282.712	0.3514	-.0003	-29.874	-.0186	00	157115.433	30	157076.653
	33	6601320.636	3281.653	0.3503	-.0003	-29.891	-.0186	00	157037.869	30	156999.082
	34	6603176.646	3280.593	0.3492	-.0003	-29.908	-.0186	00	156960.291	30	156921.498
59	35	6605032.661	3279.531	0.3481	-.0003	-29.924	-.0185	00	156882.700	30	156843.900
	36	6606888.680	3278.469	0.3470	-.0003	-29.941	-.0185	00	156805.096	30	156766.289
	37	6608744.704	3277.405	0.3459	-.0003	-29.957	-.0185	00	156727.478	30	156688.664
	38	6610600.733	3276.340	0.3448	-.0003	-29.973	-.0185	00	156649.847	30	156611.026
	39	6612456.767	3275.274	0.3437	-.0003	-29.990	-.0184	00	156572.202	30	156533.375
59	40	6614312.805	3274.207	0.3426	-.0003	-30.006	-.0184	00	156494.544	30	156455.710
	41	6616168.848	3273.139	0.3416	-.0003	-30.022	-.0184	00	156416.873	30	156378.032
	42	6618024.896	3272.070	0.3405	-.0003	-30.038	-.0184	00	156339.188	30	156300.340
	43	6619880.949	3271.999	0.3394	-.0003	-30.055	-.0184	00	156261.489	30	156222.635
	44	6621737.006	3269.928	0.3383	-.0003	-30.071	-.0183	00	156183.777	30	156144.917
59	45	6623593.068	3268.855	0.3372	-.0003	-30.087	-.0183	00	156106.052	30	156067.185
	46	6625449.135	3267.781	0.3361	-.0003	-30.103	-.0183	00	156028.314	30	155989.440
	47	6627305.207	3266.706	0.3350	-.0003	-30.119	-.0183	00	155950.562	30	155911.681
	48	6629161.283	3265.631	0.3339	-.0003	-30.135	-.0182	00	155872.797	30	155833.909
	49	6631017.364	3264.553	0.3328	-.0003	-30.150	-.0182	00	155795.018	30	155756.124
59	50	6632873.450	3263.475	0.3318	-.0003	-30.166	-.0182	00	155717.226	30	155678.325
	51	6634729.540	3262.396	0.3307	-.0003	-30.182	-.0182	00	155639.421	30	155600.513
	52	6636585.636	3261.316	0.3296	-.0003	-30.198	-.0181	00	155561.602	30	155522.688
	53	6638441.736	3260.234	0.3285	-.0003	-30.214	-.0181	00	155483.770	30	155444.849
	54	6640297.840	3259.152	0.3274	-.0003	-30.229	-.0181	00	155405.924	30	155366.997
59	55	6642153.950	3258.068	0.3264	-.0003	-30.245	-.0181	00	155328.066	30	155289.131
	56	6644010.064	3256.983	0.3253	-.0003	-30.260	-.0180	00	155250.194	30	155211.253
	57	6645866.183	3255.897	0.3242	-.0003	-30.276	-.0180	00	155172.308	30	155133.361
	58	6647722.307	3254.810	0.3231	-.0003	-30.291	-.0180	00	155094.410	30	155055.455
	59	6649578.435	3253.722	0.3220	-.0003	-30.307	-.0180	00	155016.498	30	154977.537
60	00	6651434.568	3252.633	0.3210	-.0003	-30.322	-.0180	00	154938.573	30	154899.605

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
60	0	6651434.568	3252.633	0.3210	-.0003	-30.322	-.0180	00	154938.573	30	154899.605
	1	6653290.706	3251.543	0.3199	-.0003	-30.338	-.0179	00	154860.634	30	154821.660
	2	6655146.848	3250.451	0.3188	-.0003	-30.353	-.0179	00	154782.682	30	154743.701
	3	6657002.996	3249.359	0.3177	-.0003	-30.368	-.0179	00	154704.717	30	154665.730
	4	6658859.147	3248.265	0.3167	-.0003	-30.383	-.0179	00	154626.739	30	154587.745
60	5	6660715.304	3247.170	0.3156	-.0003	-30.399	-.0178	00	154548.747	30	154509.746
	6	6662571.466	3246.074	0.3145	-.0003	-30.414	-.0178	00	154470.742	30	154431.735
	7	6664427.632	3244.978	0.3135	-.0003	-30.429	-.0178	00	154392.724	30	154353.710
	8	6666283.802	3243.880	0.3124	-.0003	-30.444	-.0178	00	154314.693	30	154275.672
	9	6668139.978	3242.780	0.3113	-.0003	-30.459	-.0177	00	154236.648	30	154197.621
60	10	6669996.158	3241.680	0.3103	-.0003	-30.474	-.0177	00	154158.591	30	154119.557
	11	6671852.343	3240.579	0.3092	-.0003	-30.489	-.0177	00	154080.519	30	154041.479
	12	6673708.533	3239.476	0.3081	-.0003	-30.504	-.0177	00	154002.435	30	153963.388
	13	6675564.727	3238.373	0.3071	-.0003	-30.519	-.0176	00	153924.338	30	153885.284
	14	6677420.926	3237.268	0.3060	-.0003	-30.533	-.0176	00	153846.227	30	153807.167
60	15	6679277.130	3236.162	0.3049	-.0003	-30.548	-.0176	00	153768.103	30	153729.036
	16	6681133.338	3235.056	0.3039	-.0003	-30.563	-.0176	00	153689.966	30	153650.893
	17	6682989.551	3233.948	0.3028	-.0003	-30.577	-.0176	00	153611.816	30	153572.736
	18	6684845.769	3232.839	0.3017	-.0003	-30.592	-.0175	00	153533.653	30	153494.566
	19	6686701.991	3231.729	0.3007	-.0003	-30.607	-.0175	00	153455.476	30	153416.383
60	20	6688558.219	3230.617	0.2996	-.0003	-30.621	-.0175	00	153377.286	30	153338.187
	21	6690414.450	3229.505	0.2986	-.0003	-30.636	-.0175	00	153299.084	30	153259.977
	22	6692270.687	3228.392	0.2975	-.0003	-30.650	-.0174	00	153220.868	30	153181.755
	23	6694126.928	3227.277	0.2965	-.0003	-30.664	-.0174	00	153142.638	30	153103.519
	24	6695983.174	3226.162	0.2954	-.0003	-30.679	-.0174	00	153064.396	30	153025.270
60	25	6697839.425	3225.045	0.2944	-.0003	-30.693	-.0174	00	152986.141	30	152947.008
	26	6699695.680	3223.927	0.2933	-.0003	-30.707	-.0173	00	152907.872	30	152868.733
	27	6701551.940	3222.808	0.2922	-.0003	-30.722	-.0173	00	152829.591	30	152790.445
	28	6703408.204	3221.688	0.2912	-.0003	-30.736	-.0173	00	152751.296	30	152712.143
	29	6705264.474	3220.567	0.2901	-.0003	-30.750	-.0173	00	152672.988	30	152633.829
60	30	6707120.748	3219.445	0.2891	-.0003	-30.764	-.0172	00	152594.667	30	152555.502
	31	6708977.026	3218.322	0.2881	-.0003	-30.778	-.0172	00	152516.333	30	152477.161
	32	6710833.310	3217.197	0.2870	-.0003	-30.792	-.0172	00	152437.986	30	152398.807
	33	6712689.598	3216.072	0.2860	-.0003	-30.806	-.0172	00	152359.626	30	152320.441
	34	6714545.890	3214.945	0.2849	-.0003	-30.820	-.0171	00	152281.252	30	152242.061
60	35	6716402.188	3213.818	0.2839	-.0003	-30.834	-.0171	00	152202.866	30	152163.668
	36	6718258.490	3212.689	0.2828	-.0003	-30.848	-.0171	00	152124.467	30	152085.262
	37	6720114.796	3211.559	0.2818	-.0003	-30.861	-.0171	00	152046.054	30	152006.843
	38	6721971.107	3210.428	0.2807	-.0003	-30.875	-.0171	00	151967.629	30	151928.411
	39	6723827.423	3209.296	0.2797	-.0003	-30.889	-.0170	00	151889.190	30	151849.966
60	40	6725683.744	3208.163	0.2787	-.0003	-30.902	-.0170	00	151810.739	30	151771.508
	41	6727540.069	3207.029	0.2776	-.0003	-30.916	-.0170	00	151732.274	30	151693.037
	42	6729396.399	3205.894	0.2766	-.0003	-30.930	-.0170	00	151653.797	30	151614.553
	43	6731252.734	3204.758	0.2755	-.0003	-30.943	-.0169	00	151575.306	30	151536.056
	44	6733109.073	3203.620	0.2745	-.0003	-30.957	-.0169	00	151496.802	30	151457.546
60	45	6734965.417	3202.482	0.2735	-.0003	-30.970	-.0169	00	151418.286	30	151379.023
	46	6736821.765	3201.342	0.2724	-.0003	-30.983	-.0169	00	151339.756	30	151300.487
	47	6738678.119	3200.201	0.2714	-.0003	-30.997	-.0168	00	151261.214	30	151221.938
	48	6740534.476	3199.060	0.2704	-.0003	-31.010	-.0168	00	151182.658	30	151143.376
	49	6742390.839	3197.917	0.2693	-.0003	-31.023	-.0168	00	151104.090	30	151064.801
60	50	6744247.206	3196.773	0.2683	-.0003	-31.037	-.0168	00	151025.508	30	150986.213
	51	6746103.578	3195.628	0.2673	-.0003	-31.050	-.0167	00	150946.914	30	150907.612
	52	6747959.954	3194.482	0.2662	-.0003	-31.063	-.0167	00	150868.306	30	150828.998
	53	6749816.335	3193.334	0.2652	-.0003	-31.076	-.0167	00	150789.686	30	150750.371
	54	6751672.721	3192.186	0.2642	-.0003	-31.089	-.0167	00	150711.053	30	150671.731
60	55	6753529.111	3191.037	0.2632	-.0003	-31.102	-.0167	00	150632.407	30	150593.079
	56	6755385.506	3189.886	0.2621	-.0003	-31.115	-.0166	00	150553.748	30	150514.413
	57	6757241.905	3188.735	0.2611	-.0003	-31.128	-.0166	00	150475.076	30	150435.735
	58	6759098.309	3187.582	0.2601	-.0003	-31.141	-.0166	00	150396.391	30	150357.043
	59	6760954.718	3186.429	0.2591	-.0003	-31.154	-.0166	00	150317.693	30	150278.339
61	00	6762811.132	3185.274	0.2580	-.0003	-31.166	-.0165	00	150238.982	30	150199.622

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
61	0	6762811.132	3185.274	0.2580	-.0003	-31.166	-.0165	00	150238.982	30	150199.622
	1	6764667.550	3184.118	0.2570	-.0003	-31.179	-.0165	00	150160.259	30	150120.892
	2	6766523.972	3182.961	0.2560	-.0003	-31.192	-.0165	00	150081.522	30	150042.149
	3	6768380.400	3181.803	0.2550	-.0003	-31.204	-.0165	00	150002.773	30	149963.393
	4	6770236.831	3180.644	0.2540	-.0003	-31.217	-.0164	00	149924.011	30	149884.625
61	5	6772093.268	3179.484	0.2529	-.0003	-31.230	-.0164	00	149845.236	30	149805.843
	6	6773949.709	3178.322	0.2519	-.0003	-31.242	-.0164	00	149766.448	30	149727.049
	7	6775806.155	3177.160	0.2509	-.0003	-31.255	-.0164	00	149687.647	30	149648.242
	8	6777662.605	3175.997	0.2499	-.0003	-31.267	-.0163	00	149608.833	30	149569.422
	9	6779519.060	3174.832	0.2489	-.0003	-31.279	-.0163	00	149530.007	30	149490.589
61	10	6781375.520	3173.667	0.2479	-.0003	-31.292	-.0163	00	149451.167	30	149411.743
	11	6783231.984	3172.500	0.2469	-.0003	-31.304	-.0163	00	149372.315	30	149332.884
	12	6785088.453	3171.332	0.2459	-.0003	-31.316	-.0162	00	149293.450	30	149254.013
	13	6786944.926	3170.163	0.2448	-.0003	-31.328	-.0162	00	149214.573	30	149175.129
	14	6788801.404	3168.994	0.2438	-.0003	-31.341	-.0162	00	149135.682	30	149096.232
61	15	6790657.886	3167.823	0.2428	-.0003	-31.353	-.0162	00	149056.779	30	149017.322
	16	6792514.374	3166.651	0.2418	-.0003	-31.365	-.0162	00	148977.863	30	148938.400
	17	6794370.865	3165.478	0.2408	-.0003	-31.377	-.0161	00	148898.934	30	148859.465
	18	6796227.362	3164.303	0.2398	-.0003	-31.389	-.0161	00	148819.992	30	148780.516
	19	6798083.863	3163.128	0.2388	-.0003	-31.401	-.0161	00	148741.038	30	148701.556
61	20	6799940.368	3161.952	0.2378	-.0003	-31.413	-.0161	00	148662.070	30	148622.582
	21	6801796.878	3160.774	0.2368	-.0003	-31.425	-.0160	00	148583.090	30	148543.596
	22	6803653.393	3159.596	0.2358	-.0003	-31.436	-.0160	00	148504.098	30	148464.597
	23	6805509.912	3158.416	0.2348	-.0003	-31.448	-.0160	00	148425.092	30	148385.585
	24	6807366.436	3157.236	0.2338	-.0003	-31.460	-.0160	00	148346.074	30	148306.560
61	25	6809222.965	3156.054	0.2328	-.0003	-31.471	-.0159	00	148267.043	30	148227.523
	26	6811079.498	3154.871	0.2318	-.0003	-31.483	-.0159	00	148188.000	30	148148.473
	27	6812936.035	3153.688	0.2308	-.0003	-31.495	-.0159	00	148108.943	30	148069.410
	28	6814792.577	3152.503	0.2298	-.0003	-31.506	-.0159	00	148029.874	30	147990.335
	29	6816649.124	3151.317	0.2288	-.0003	-31.518	-.0158	00	147950.792	30	147911.247
61	30	6818505.676	3150.130	0.2278	-.0003	-31.529	-.0158	00	147871.698	30	147832.146
	31	6820362.231	3148.942	0.2268	-.0003	-31.541	-.0158	00	147792.591	30	147753.032
	32	6822218.792	3147.752	0.2258	-.0003	-31.552	-.0158	00	147713.471	30	147673.906
	33	6824075.357	3146.562	0.2248	-.0003	-31.563	-.0158	00	147634.338	30	147594.767
	34	6825931.927	3145.371	0.2239	-.0003	-31.575	-.0157	00	147555.193	30	147515.616
61	35	6827788.501	3144.179	0.2229	-.0003	-31.586	-.0157	00	147476.036	30	147436.452
	36	6829645.080	3142.985	0.2219	-.0003	-31.597	-.0157	00	147396.865	30	147357.275
	37	6831501.663	3141.791	0.2209	-.0003	-31.608	-.0157	00	147317.682	30	147278.086
	38	6833358.251	3140.595	0.2199	-.0003	-31.619	-.0156	00	147238.486	30	147198.883
	39	6835214.843	3139.398	0.2189	-.0003	-31.630	-.0156	00	147159.278	30	147119.669
61	40	6837071.440	3138.201	0.2179	-.0003	-31.641	-.0156	00	147080.057	30	147040.441
	41	6838928.042	3137.002	0.2170	-.0003	-31.652	-.0156	00	147000.823	30	146961.201
	42	6840784.648	3135.802	0.2160	-.0003	-31.663	-.0155	00	146921.577	30	146881.949
	43	6842641.258	3134.601	0.2150	-.0003	-31.674	-.0155	00	146842.318	30	146802.684
	44	6844497.874	3133.399	0.2140	-.0003	-31.685	-.0155	00	146763.046	30	146723.406
61	45	6846354.493	3132.196	0.2130	-.0003	-31.696	-.0155	00	146683.762	30	146644.116
	46	6848211.118	3130.992	0.2121	-.0003	-31.707	-.0154	00	146604.466	30	146564.813
	47	6850067.747	3129.787	0.2111	-.0003	-31.717	-.0154	00	146525.156	30	146485.497
	48	6851924.380	3128.581	0.2101	-.0003	-31.728	-.0154	00	146445.835	30	146406.169
	49	6853781.018	3127.373	0.2091	-.0003	-31.739	-.0154	00	146366.500	30	146326.828
61	50	6855637.660	3126.165	0.2081	-.0003	-31.749	-.0153	00	146287.153	30	146247.475
	51	6857494.307	3124.956	0.2072	-.0003	-31.760	-.0153	00	146207.794	30	146168.109
	52	6859350.959	3123.745	0.2062	-.0003	-31.770	-.0153	00	146128.422	30	146088.731
	53	6861207.615	3122.534	0.2052	-.0003	-31.781	-.0153	00	146049.037	30	146009.340
	54	6863064.275	3121.321	0.2043	-.0003	-31.791	-.0153	00	145969.640	30	145929.937
61	55	6864920.941	3120.108	0.2033	-.0003	-31.802	-.0152	00	145890.230	30	145850.521
	56	6866777.610	3118.893	0.2023	-.0003	-31.812	-.0152	00	145810.808	30	145771.093
	57	6868634.284	3117.677	0.2014	-.0003	-31.822	-.0152	00	145731.374	30	145691.652
	58	6870490.963	3116.460	0.2004	-.0003	-31.832	-.0152	00	145651.926	30	145612.198
	59	6872347.646	3115.242	0.1994	-.0003	-31.843	-.0151	00	145572.467	30	145532.732
62	00	6874204.334	3114.023	0.1985	-.0003	-31.853	-.0151	00	145492.995	30	145453.254

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
62	0	6874204.334	3114.023	0.1985	-.0003	-31.853	-.0151	00	145492.995	30	145453.254
	1	6876061.026	3112.803	0.1975	-.0003	-31.863	-.0151	00	145413.510	30	145373.763
	2	6877917.723	3111.582	0.1965	-.0003	-31.873	-.0151	00	145334.013	30	145294.260
	3	6879774.424	3110.360	0.1956	-.0003	-31.883	-.0150	00	145254.503	30	145214.744
	4	6881631.130	3109.137	0.1946	-.0003	-31.893	-.0150	00	145174.981	30	145135.215
62	5	6883487.841	3107.913	0.1936	-.0003	-31.903	-.0150	00	145095.447	30	145055.675
	6	6885344.555	3106.688	0.1927	-.0003	-31.913	-.0150	00	145015.900	30	144976.121
	7	6887201.275	3105.461	0.1917	-.0003	-31.923	-.0149	00	144936.340	30	144896.556
	8	6889057.999	3104.234	0.1908	-.0003	-31.932	-.0149	00	144856.768	30	144816.978
	9	6890914.727	3103.006	0.1898	-.0003	-31.942	-.0149	00	144777.184	30	144737.387
62	10	6892771.460	3101.776	0.1889	-.0003	-31.952	-.0149	00	144697.587	30	144657.784
	11	6894628.197	3100.546	0.1879	-.0003	-31.962	-.0149	00	144617.978	30	144578.169
	12	6896484.939	3099.314	0.1870	-.0003	-31.971	-.0148	00	144538.357	30	144498.541
	13	6898341.685	3098.081	0.1860	-.0003	-31.981	-.0148	00	144458.723	30	144418.901
	14	6900198.436	3096.848	0.1851	-.0003	-31.990	-.0148	00	144379.076	30	144339.248
62	15	6902055.192	3095.613	0.1841	-.0003	-32.000	-.0148	00	144299.418	30	144259.583
	16	6903911.952	3094.377	0.1832	-.0003	-32.009	-.0147	00	144219.746	30	144179.906
	17	6905768.716	3093.140	0.1822	-.0003	-32.019	-.0147	00	144140.063	30	144100.216
	18	6907625.485	3091.902	0.1813	-.0003	-32.028	-.0147	00	144060.367	30	144020.514
	19	6909482.258	3090.663	0.1803	-.0003	-32.037	-.0147	00	143980.659	30	143940.800
62	20	6911339.036	3089.423	0.1794	-.0003	-32.047	-.0146	00	143900.938	30	143861.073
	21	6913195.818	3088.182	0.1784	-.0003	-32.056	-.0146	00	143821.205	30	143781.334
	22	6915052.605	3086.940	0.1775	-.0003	-32.065	-.0146	00	143741.460	30	143701.583
	23	6916909.396	3085.697	0.1765	-.0003	-32.074	-.0146	00	143661.702	30	143621.819
	24	6918766.192	3084.453	0.1756	-.0003	-32.083	-.0145	00	143581.932	30	143542.043
62	25	6920622.992	3083.208	0.1747	-.0003	-32.092	-.0145	00	143502.150	30	143462.254
	26	6922479.797	3081.962	0.1737	-.0003	-32.101	-.0145	00	143422.355	30	143382.453
	27	6924336.606	3080.714	0.1728	-.0003	-32.110	-.0145	00	143342.548	30	143302.640
	28	6926193.420	3079.466	0.1718	-.0003	-32.119	-.0145	00	143262.729	30	143222.815
	29	6928050.238	3078.216	0.1709	-.0003	-32.128	-.0144	00	143182.898	30	143142.977
62	30	6929907.060	3076.966	0.1700	-.0003	-32.137	-.0144	00	143103.054	30	143063.127
	31	6931763.887	3075.714	0.1690	-.0003	-32.146	-.0144	00	143023.198	30	142983.265
	32	6933620.719	3074.462	0.1681	-.0003	-32.155	-.0144	00	142943.329	30	142903.390
	33	6935477.555	3073.208	0.1672	-.0003	-32.163	-.0143	00	142863.449	30	142823.504
	34	6937334.395	3071.954	0.1662	-.0003	-32.172	-.0143	00	142783.556	30	142743.605
62	35	6939191.240	3070.698	0.1653	-.0003	-32.181	-.0143	00	142703.651	30	142663.693
	36	6941048.089	3069.441	0.1644	-.0003	-32.189	-.0143	00	142623.733	30	142583.770
	37	6942904.943	3068.184	0.1635	-.0003	-32.198	-.0142	00	142543.803	30	142503.834
	38	6944761.802	3066.925	0.1625	-.0003	-32.206	-.0142	00	142463.862	30	142423.886
	39	6946618.664	3065.665	0.1616	-.0003	-32.215	-.0142	00	142383.907	30	142343.926
62	40	6948475.531	3064.404	0.1607	-.0003	-32.223	-.0142	00	142303.941	30	142263.953
	41	6950332.403	3063.142	0.1598	-.0003	-32.232	-.0141	00	142223.963	30	142183.969
	42	6952189.279	3061.879	0.1588	-.0003	-32.240	-.0141	00	142143.972	30	142103.972
	43	6954046.160	3060.615	0.1579	-.0003	-32.248	-.0141	00	142063.969	30	142023.963
	44	6955903.044	3059.350	0.1570	-.0003	-32.256	-.0141	00	141983.954	30	141943.941
62	45	6957759.934	3058.084	0.1561	-.0003	-32.265	-.0141	00	141903.926	30	141863.908
	46	6959616.828	3056.817	0.1552	-.0003	-32.273	-.0140	00	141823.887	30	141783.862
	47	6961473.726	3055.549	0.1542	-.0003	-32.281	-.0140	00	141743.835	30	141703.805
	48	6963330.629	3054.280	0.1533	-.0003	-32.289	-.0140	00	141663.771	30	141623.735
	49	6965187.536	3053.009	0.1524	-.0003	-32.297	-.0140	00	141583.695	30	141543.652
62	50	6967044.447	3051.738	0.1515	-.0003	-32.305	-.0139	00	141503.607	30	141463.558
	51	6968901.363	3050.466	0.1506	-.0003	-32.313	-.0139	00	141423.506	30	141383.452
	52	6970758.284	3049.192	0.1497	-.0003	-32.321	-.0139	00	141343.394	30	141303.333
	53	6972615.209	3047.918	0.1487	-.0003	-32.328	-.0139	00	141263.269	30	141223.203
	54	6974472.138	3046.643	0.1478	-.0003	-32.336	-.0138	00	141183.133	30	141143.060
62	55	6976329.072	3045.366	0.1469	-.0003	-32.344	-.0138	00	141102.984	30	141062.905
	56	6978186.010	3044.089	0.1460	-.0003	-32.352	-.0138	00	141022.823	30	140982.738
	57	6980042.952	3042.810	0.1451	-.0003	-32.359	-.0138	00	140942.650	30	140902.559
	58	6981899.899	3041.531	0.1442	-.0003	-32.367	-.0137	00	140862.464	30	140822.367
	59	6983756.851	3040.250	0.1433	-.0003	-32.375	-.0137	00	140782.267	30	140742.164
63	00	6985613.806	3038.969	0.1424	-.0003	-32.382	-.0137	00	140702.058	30	140661.949

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
63	0	6985613.806	3038.969	0.1424	-.0003	-32.382	-.0137	00	140702.058	30	140661.949
	1	6987470.766	3037.686	0.1415	-.0003	-32.390	-.0137	00	140621.836	30	140581.721
	2	6989327.731	3036.402	0.1406	-.0003	-32.397	-.0137	00	140541.603	30	140501.482
	3	6991184.700	3035.118	0.1397	-.0003	-32.405	-.0136	00	140461.357	30	140421.230
	4	6993041.673	3033.832	0.1388	-.0003	-32.412	-.0136	00	140381.100	30	140340.966
63	5	6994898.651	3032.545	0.1379	-.0003	-32.419	-.0136	00	140300.830	30	140260.691
	6	6996755.634	3031.257	0.1370	-.0003	-32.426	-.0136	00	140220.548	30	140180.403
	7	6998612.620	3029.968	0.1361	-.0003	-32.434	-.0135	00	140140.254	30	140100.103
	8	7000469.611	3028.679	0.1352	-.0003	-32.441	-.0135	00	140059.949	30	140019.791
	9	7002326.607	3027.388	0.1343	-.0003	-32.448	-.0135	00	139979.631	30	139939.467
63	10	7004183.606	3026.096	0.1334	-.0003	-32.455	-.0135	00	139899.301	30	139859.131
	11	7006040.611	3024.803	0.1325	-.0003	-32.462	-.0134	00	139818.959	30	139778.784
	12	7007897.619	3023.509	0.1316	-.0003	-32.469	-.0134	00	139738.605	30	139698.424
	13	7009754.632	3022.214	0.1307	-.0003	-32.476	-.0134	00	139658.239	30	139618.052
	14	7011611.650	3020.918	0.1298	-.0003	-32.483	-.0134	00	139577.861	30	139537.668
63	15	7013468.671	3019.621	0.1290	-.0003	-32.490	-.0134	00	139497.471	30	139457.272
	16	7015325.697	3018.323	0.1281	-.0003	-32.497	-.0133	00	139417.070	30	139376.864
	17	7017182.728	3017.024	0.1272	-.0003	-32.504	-.0133	00	139336.656	30	139296.444
	18	7019039.763	3015.724	0.1263	-.0003	-32.510	-.0133	00	139256.230	30	139216.013
	19	7020896.802	3014.423	0.1254	-.0003	-32.517	-.0133	00	139175.792	30	139135.569
63	20	7022753.846	3013.120	0.1245	-.0003	-32.524	-.0132	00	139095.343	30	139055.113
	21	7024610.894	3011.817	0.1236	-.0003	-32.530	-.0132	00	139014.881	30	138974.646
	22	7026467.946	3010.513	0.1228	-.0003	-32.537	-.0132	00	138934.408	30	138894.166
	23	7028325.003	3009.208	0.1219	-.0003	-32.544	-.0132	00	138853.922	30	138813.675
	24	7030182.064	3007.902	0.1210	-.0003	-32.550	-.0131	00	138773.425	30	138733.171
63	25	7032039.130	3006.594	0.1201	-.0003	-32.557	-.0131	00	138692.915	30	138652.656
	26	7033896.200	3005.286	0.1192	-.0003	-32.563	-.0131	00	138612.394	30	138572.129
	27	7035753.274	3003.977	0.1184	-.0003	-32.569	-.0131	00	138531.861	30	138491.590
	28	7037610.352	3002.666	0.1175	-.0003	-32.576	-.0130	00	138451.316	30	138411.039
	29	7039467.435	3001.355	0.1166	-.0003	-32.582	-.0130	00	138370.759	30	138330.476
63	30	7041324.523	3000.043	0.1157	-.0003	-32.588	-.0130	00	138290.190	30	138249.901
	31	7043181.614	2998.729	0.1149	-.0003	-32.594	-.0130	00	138209.610	30	138169.315
	32	7045038.710	2997.415	0.1140	-.0003	-32.601	-.0130	00	138129.017	30	138088.716
	33	7046895.811	2996.099	0.1131	-.0003	-32.607	-.0129	00	138048.413	30	138008.106
	34	7048752.916	2994.783	0.1123	-.0003	-32.613	-.0129	00	137967.796	30	137927.484
63	35	7050610.025	2993.466	0.1114	-.0003	-32.619	-.0129	00	137887.168	30	137846.850
	36	7052467.138	2992.147	0.1105	-.0003	-32.625	-.0129	00	137806.528	30	137766.204
	37	7054324.256	2990.828	0.1097	-.0003	-32.631	-.0128	00	137725.877	30	137685.546
	38	7056181.378	2989.507	0.1088	-.0003	-32.637	-.0128	00	137645.213	30	137604.877
	39	7058038.504	2988.186	0.1079	-.0003	-32.642	-.0128	00	137564.538	30	137524.195
63	40	7059895.635	2986.863	0.1071	-.0003	-32.648	-.0128	00	137483.850	30	137443.502
	41	7061752.770	2985.540	0.1062	-.0003	-32.654	-.0127	00	137403.151	30	137362.797
	42	7063609.910	2984.215	0.1053	-.0003	-32.660	-.0127	00	137322.440	30	137282.081
	43	7065467.054	2982.889	0.1045	-.0003	-32.665	-.0127	00	137241.718	30	137201.352
	44	7067324.202	2981.563	0.1036	-.0003	-32.671	-.0127	00	137160.983	30	137120.612
63	45	7069181.354	2980.235	0.1028	-.0003	-32.677	-.0127	00	137080.237	30	137039.860
	46	7071038.511	2978.907	0.1019	-.0003	-32.682	-.0126	00	136999.479	30	136959.096
	47	7072895.672	2977.577	0.1010	-.0003	-32.688	-.0126	00	136918.709	30	136878.320
	48	7074752.838	2976.246	0.1002	-.0003	-32.693	-.0126	00	136837.928	30	136797.533
	49	7076610.007	2974.915	0.0993	-.0003	-32.698	-.0126	00	136757.135	30	136716.734
63	50	7078467.181	2973.582	0.0985	-.0003	-32.704	-.0125	00	136676.330	30	136635.923
	51	7080324.360	2972.248	0.0976	-.0003	-32.709	-.0125	00	136595.513	30	136555.100
	52	7082181.542	2970.914	0.0968	-.0003	-32.714	-.0125	00	136514.685	30	136474.266
	53	7084038.729	2969.578	0.0959	-.0003	-32.720	-.0125	00	136433.844	30	136393.420
	54	7085895.921	2968.241	0.0951	-.0003	-32.725	-.0124	00	136352.992	30	136312.562
63	55	7087753.116	2966.904	0.0942	-.0003	-32.730	-.0124	00	136272.129	30	136231.693
	56	7089610.316	2965.565	0.0934	-.0003	-32.735	-.0124	00	136191.253	30	136150.811
	57	7091467.521	2964.225	0.0925	-.0003	-32.740	-.0124	00	136110.366	30	136069.919
	58	7093324.729	2962.885	0.0917	-.0003	-32.745	-.0124	00	136029.468	30	135989.014
	59	7095181.942	2961.543	0.0909	-.0003	-32.750	-.0123	00	135948.557	30	135908.098
64	00	7097039.159	2960.200	0.0900	-.0003	-32.755	-.0123	00	135867.635	30	135827.170

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
64	0	7097039.159	2960.200	0.0900	-.0003	-32.755	-.0123	00	135867.635	30	135827.170
	1	7098896.381	2958.856	0.0892	-.0003	-32.760	-.0123	00	135786.702	30	135746.230
	2	7100753.606	2957.512	0.0883	-.0003	-32.765	-.0123	00	135705.756	30	135665.279
	3	7102610.836	2956.166	0.0875	-.0003	-32.770	-.0122	00	135624.799	30	135584.316
	4	7104468.071	2954.819	0.0867	-.0003	-32.775	-.0122	00	135543.830	30	135503.342
64	5	7106325.309	2953.471	0.0858	-.0003	-32.779	-.0122	00	135462.850	30	135422.356
	6	7108182.552	2952.123	0.0850	-.0003	-32.784	-.0122	00	135381.858	30	135341.358
	7	7110039.800	2950.773	0.0842	-.0003	-32.789	-.0122	00	135300.855	30	135260.348
	8	7111897.051	2949.422	0.0833	-.0003	-32.793	-.0121	00	135219.839	30	135179.327
	9	7113754.307	2948.070	0.0825	-.0003	-32.798	-.0121	00	135138.813	30	135098.295
64	10	7115611.567	2946.718	0.0817	-.0003	-32.802	-.0121	00	135057.774	30	135017.251
	11	7117468.831	2945.364	0.0808	-.0003	-32.807	-.0121	00	134976.724	30	134936.195
	12	7119326.100	2944.009	0.0800	-.0003	-32.811	-.0120	00	134895.662	30	134855.127
	13	7121183.373	2942.653	0.0792	-.0003	-32.816	-.0120	00	134814.589	30	134774.048
	14	7123040.650	2941.297	0.0783	-.0003	-32.820	-.0120	00	134733.504	30	134692.958
64	15	7124897.931	2939.939	0.0775	-.0003	-32.824	-.0120	00	134652.408	30	134611.855
	16	7126755.217	2938.580	0.0767	-.0003	-32.828	-.0119	00	134571.300	30	134530.742
	17	7128612.507	2937.220	0.0759	-.0003	-32.833	-.0119	00	134490.181	30	134449.617
	18	7130469.801	2935.860	0.0750	-.0003	-32.837	-.0119	00	134409.050	30	134368.480
	19	7132327.100	2934.498	0.0742	-.0003	-32.841	-.0119	00	134327.907	30	134287.331
64	20	7134184.403	2933.135	0.0734	-.0003	-32.845	-.0119	00	134246.753	30	134206.171
	21	7136041.710	2931.771	0.0726	-.0003	-32.849	-.0118	00	134165.587	30	134125.000
	22	7137899.021	2930.407	0.0718	-.0003	-32.853	-.0118	00	134084.410	30	134043.817
	23	7139756.336	2929.041	0.0710	-.0003	-32.857	-.0118	00	134003.221	30	133962.623
	24	7141613.656	2927.674	0.0701	-.0003	-32.861	-.0118	00	133922.021	30	133881.417
64	25	7143470.980	2926.307	0.0693	-.0003	-32.865	-.0117	00	133840.809	30	133800.199
	26	7145328.308	2924.938	0.0685	-.0003	-32.869	-.0117	00	133759.586	30	133718.970
	27	7147185.641	2923.568	0.0677	-.0003	-32.872	-.0117	00	133678.351	30	133637.730
	28	7149042.978	2922.197	0.0669	-.0003	-32.876	-.0117	00	133597.105	30	133556.478
	29	7150900.319	2920.826	0.0661	-.0003	-32.880	-.0116	00	133515.848	30	133475.214
64	30	7152757.664	2919.453	0.0653	-.0003	-32.884	-.0116	00	133434.578	30	133393.940
	31	7154615.013	2918.079	0.0645	-.0003	-32.887	-.0116	00	133353.298	30	133312.653
	32	7156472.367	2916.705	0.0636	-.0003	-32.891	-.0116	00	133272.006	30	133231.355
	33	7158329.725	2915.329	0.0628	-.0003	-32.894	-.0116	00	133190.702	30	133150.046
	34	7160187.087	2913.953	0.0620	-.0003	-32.898	-.0115	00	133109.387	30	133068.726
64	35	7162044.454	2912.575	0.0612	-.0003	-32.901	-.0115	00	133028.061	30	132987.394
	36	7163901.825	2911.196	0.0604	-.0003	-32.905	-.0115	00	132946.723	30	132906.050
	37	7165759.199	2909.817	0.0596	-.0003	-32.908	-.0115	00	132865.374	30	132824.695
	38	7167616.579	2903.436	0.0588	-.0003	-32.911	-.0114	00	132784.013	30	132743.329
	39	7169473.962	2907.054	0.0580	-.0003	-32.915	-.0114	00	132702.641	30	132661.951
64	40	7171331.349	2905.672	0.0572	-.0003	-32.918	-.0114	00	132621.258	30	132580.562
	41	7173188.741	2904.288	0.0564	-.0003	-32.921	-.0114	00	132539.863	30	132499.161
	42	7175046.137	2902.904	0.0556	-.0003	-32.924	-.0114	00	132458.457	30	132417.749
	43	7176903.537	2901.518	0.0548	-.0003	-32.927	-.0113	00	132377.039	30	132336.326
	44	7178760.942	2900.132	0.0540	-.0003	-32.930	-.0113	00	132295.610	30	132254.891
64	45	7180618.351	2898.744	0.0532	-.0003	-32.933	-.0113	00	132214.170	30	132173.445
	46	7182475.763	2897.356	0.0525	-.0003	-32.936	-.0113	00	132132.718	30	132091.988
	47	7184333.180	2895.966	0.0517	-.0003	-32.939	-.0112	00	132051.255	30	132010.519
	48	7186190.602	2894.576	0.0509	-.0003	-32.942	-.0112	00	131969.781	30	131929.039
	49	7188048.027	2893.184	0.0501	-.0003	-32.945	-.0112	00	131888.295	30	131847.548
64	50	7189905.457	2891.792	0.0493	-.0003	-32.948	-.0112	00	131806.798	30	131766.045
	51	7191762.891	2890.399	0.0485	-.0003	-32.950	-.0112	00	131725.290	30	131684.531
	52	7193620.329	2889.004	0.0477	-.0003	-32.953	-.0111	00	131643.770	30	131603.006
	53	7195477.771	2887.609	0.0469	-.0003	-32.956	-.0111	00	131562.239	30	131521.469
	54	7197335.217	2886.213	0.0462	-.0003	-32.958	-.0111	00	131480.697	30	131439.921
64	55	7199192.668	2884.815	0.0454	-.0003	-32.961	-.0111	00	131399.143	30	131358.362
	56	7201050.123	2883.417	0.0446	-.0003	-32.964	-.0110	00	131317.578	30	131276.791
	57	7202907.582	2882.018	0.0438	-.0003	-32.966	-.0110	00	131236.002	30	131195.210
	58	7204765.045	2880.617	0.0430	-.0003	-32.969	-.0110	00	131154.414	30	131113.616
	59	7206622.513	2879.216	0.0422	-.0003	-32.971	-.0110	00	131072.816	30	131032.012
65	00	7208479.984	2877.814	0.0415	-.0003	-32.973	-.0110	00	130991.206	30	130950.396

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
65	0	7208479.984	2877.814	0.0415	-.0003	-32.973	-.0110	00	130991.206	30	130950.396
	1	7210337.460	2876.411	0.0407	-.0003	-32.976	-.0109	00	130909.584	30	130868.770
	2	7212194.940	2875.007	0.0399	-.0003	-32.978	-.0109	00	130827.952	30	130787.132
	3	7214052.424	2873.602	0.0391	-.0003	-32.980	-.0109	00	130746.308	30	130705.482
	4	7215909.912	2872.195	0.0384	-.0003	-32.982	-.0109	00	130664.653	30	130623.822
65	5	7217767.405	2870.788	0.0376	-.0003	-32.985	-.0108	00	130582.987	30	130542.150
	6	7219624.901	2869.380	0.0368	-.0003	-32.987	-.0108	00	130501.310	30	130460.467
	7	7221482.402	2867.971	0.0361	-.0003	-32.989	-.0108	00	130419.621	30	130378.773
	8	7223339.907	2865.561	0.0353	-.0003	-32.991	-.0108	00	130337.921	30	130297.067
	9	7225197.416	2865.150	0.0345	-.0003	-32.993	-.0108	00	130256.210	30	130215.351
65	10	7227054.929	2863.738	0.0338	-.0003	-32.995	-.0107	00	130174.488	30	130133.623
	11	7228912.447	2862.325	0.0330	-.0003	-32.997	-.0107	00	130092.755	30	130051.884
	12	7230769.968	2860.911	0.0322	-.0003	-32.998	-.0107	00	130011.010	30	129970.134
	13	7232627.494	2859.497	0.0315	-.0003	-33.000	-.0107	00	129929.254	30	129888.372
	14	7234485.024	2858.081	0.0307	-.0003	-33.002	-.0106	00	129847.487	30	129806.600
65	15	7236342.558	2856.664	0.0299	-.0003	-33.004	-.0106	00	129765.709	30	129724.816
	16	7238200.096	2855.246	0.0292	-.0003	-33.006	-.0106	00	129683.920	30	129643.021
	17	7240057.639	2853.827	0.0284	-.0003	-33.007	-.0106	00	129602.120	30	129561.215
	18	7241915.185	2852.408	0.0277	-.0003	-33.009	-.0106	00	129520.308	30	129479.398
	19	7243772.736	2850.987	0.0269	-.0003	-33.010	-.0105	00	129438.486	30	129397.570
65	20	7245630.291	2849.565	0.0262	-.0003	-33.012	-.0105	00	129356.652	30	129315.731
	21	7247487.850	2848.143	0.0254	-.0003	-33.013	-.0105	00	129274.807	30	129233.880
	22	7249345.413	2846.719	0.0247	-.0003	-33.015	-.0105	00	129192.951	30	129152.019
	23	7251202.980	2845.294	0.0239	-.0003	-33.016	-.0104	00	129111.084	30	129070.146
	24	7253060.551	2843.869	0.0232	-.0003	-33.018	-.0104	00	129029.206	30	128988.263
65	25	7254918.127	2842.442	0.0224	-.0003	-33.019	-.0104	00	128947.317	30	128906.368
	26	7256775.706	2841.015	0.0217	-.0003	-33.020	-.0104	00	128865.416	30	128824.462
	27	7258633.290	2839.587	0.0209	-.0003	-33.021	-.0104	00	128783.505	30	128742.545
	28	7260490.878	2838.157	0.0202	-.0003	-33.023	-.0103	00	128701.582	30	128660.617
	29	7262348.470	2836.727	0.0194	-.0003	-33.024	-.0103	00	128619.649	30	128578.678
65	30	7264206.066	2835.295	0.0187	-.0003	-33.025	-.0103	00	128537.704	30	128496.728
	31	7266063.666	2833.863	0.0179	-.0003	-33.026	-.0103	00	128455.749	30	128414.767
	32	7267921.270	2832.430	0.0172	-.0003	-33.027	-.0102	00	128373.782	30	128332.794
	33	7269778.879	2830.996	0.0164	-.0003	-33.028	-.0102	00	128291.804	30	128250.811
	34	7271636.491	2829.561	0.0157	-.0003	-33.029	-.0102	00	128209.815	30	128168.817
65	35	7273494.108	2828.124	0.0150	-.0003	-33.030	-.0102	00	128127.816	30	128086.812
	36	7275351.728	2826.687	0.0142	-.0003	-33.030	-.0102	00	128045.805	30	128004.795
	37	7277209.353	2825.249	0.0135	-.0003	-33.031	-.0101	00	127963.783	30	127922.768
	38	7279066.982	2823.810	0.0128	-.0003	-33.032	-.0101	00	127881.750	30	127840.730
	39	7280924.615	2822.370	0.0120	-.0003	-33.033	-.0101	00	127799.707	30	127758.681
65	40	7282782.252	2820.929	0.0113	-.0002	-33.033	-.0101	00	127717.652	30	127676.621
	41	7284639.894	2819.487	0.0106	-.0002	-33.034	-.0100	00	127635.586	30	127594.549
	42	7286497.539	2818.045	0.0098	-.0002	-33.035	-.0100	00	127553.510	30	127512.467
	43	7288355.189	2816.601	0.0091	-.0002	-33.035	-.0100	00	127471.422	30	127430.374
	44	7290212.842	2815.156	0.0084	-.0002	-33.036	-.0100	00	127389.323	30	127348.270
65	45	7292070.500	2813.710	0.0076	-.0002	-33.036	-.0100	00	127307.214	30	127266.155
	46	7293928.161	2812.264	0.0069	-.0002	-33.037	-.0099	00	127225.093	30	127184.029
	47	7295785.827	2810.816	0.0062	-.0002	-33.037	-.0099	00	127142.962	30	127101.892
	48	7297643.497	2809.368	0.0055	-.0002	-33.037	-.0099	00	127060.820	30	127019.744
	49	7299501.171	2807.918	0.0047	-.0002	-33.038	-.0099	00	126978.666	30	126937.586
65	50	7301358.849	2806.468	0.0040	-.0002	-33.038	-.0099	00	126896.502	30	126855.416
	51	7303216.531	2805.016	0.0033	-.0002	-33.038	-.0098	00	126814.327	30	126773.236
	52	7305074.217	2803.564	0.0026	-.0002	-33.038	-.0098	00	126732.141	30	126691.044
	53	7306931.908	2802.110	0.0019	-.0002	-33.038	-.0098	00	126649.944	30	126608.842
	54	7308789.602	2800.656	0.0011	-.0002	-33.039	-.0098	00	126567.737	30	126526.629
65	55	7310647.300	2799.201	0.0004	-.0002	-33.039	-.0097	00	126485.518	30	126444.405
	56	7312505.003	2797.745	-.0003	-.0002	-33.039	-.0097	00	126403.288	30	126362.170
	57	7314362.709	2796.287	-.0010	-.0002	-33.039	-.0097	00	126321.048	30	126279.924
	58	7316220.420	2794.829	-.0017	-.0002	-33.038	-.0097	00	126238.797	30	126197.667
	59	7318078.135	2793.370	-.0024	-.0002	-33.038	-.0097	00	126156.535	30	126115.400
66	00	7319935.853	2791.910	-.0031	-.0002	-33.038	-.0096	00	126074.262	30	126033.121

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
66	0	7319935.853	2791.910	-.0031	-.0002	-33.038	-.0096	00	126074.262	30	126033.121
	1	7321793.576	2790.449	-.0038	-.0002	-33.038	-.0096	00	125991.978	30	125950.832
	2	7323651.303	2788.988	-.0046	-.0002	-33.038	-.0096	00	125909.684	30	125868.532
	3	7325509.034	2787.525	-.0053	-.0002	-33.037	-.0096	00	125827.378	30	125786.221
	4	7327366.769	2786.061	-.0060	-.0002	-33.037	-.0096	00	125745.062	30	125703.900
66	5	7329224.508	2784.596	-.0067	-.0002	-33.037	-.0095	00	125662.735	30	125621.567
	6	7331082.251	2783.131	-.0074	-.0002	-33.036	-.0095	00	125580.397	30	125539.224
	7	7332939.998	2781.664	-.0081	-.0002	-33.036	-.0095	00	125498.049	30	125456.870
	8	7334797.749	2780.196	-.0088	-.0002	-33.035	-.0095	00	125415.689	30	125374.505
	9	7336655.504	2778.728	-.0095	-.0002	-33.035	-.0094	00	125333.319	30	125292.130
66	10	7338513.263	2777.258	-.0102	-.0002	-33.034	-.0094	00	125250.938	30	125209.743
	11	7340371.026	2775.788	-.0109	-.0002	-33.034	-.0094	00	125168.546	30	125127.346
	12	7342228.793	2774.317	-.0116	-.0002	-33.033	-.0094	00	125086.144	30	125044.939
	13	7344086.565	2772.844	-.0123	-.0002	-33.032	-.0094	00	125003.731	30	124962.520
	14	7345944.340	2771.371	-.0130	-.0002	-33.031	-.0093	00	124921.307	30	124880.091
66	15	7347802.119	2769.897	-.0137	-.0002	-33.031	-.0093	00	124838.872	30	124797.651
	16	7349659.903	2768.422	-.0144	-.0002	-33.030	-.0093	00	124756.426	30	124715.200
	17	7351517.690	2766.946	-.0150	-.0002	-33.029	-.0093	00	124673.970	30	124632.738
	18	7353375.481	2765.469	-.0157	-.0002	-33.028	-.0093	00	124591.503	30	124550.266
	19	7355233.277	2763.991	-.0164	-.0002	-33.027	-.0092	00	124509.026	30	124467.783
66	20	7357091.076	2762.512	-.0171	-.0002	-33.026	-.0092	00	124426.538	30	124385.289
	21	7358948.880	2761.032	-.0178	-.0002	-33.025	-.0092	00	124344.039	30	124302.785
	22	7360806.687	2759.552	-.0185	-.0002	-33.024	-.0092	00	124261.529	30	124220.270
	23	7362664.498	2758.070	-.0192	-.0002	-33.023	-.0091	00	124179.009	30	124137.744
	24	7364522.314	2756.587	-.0199	-.0002	-33.022	-.0091	00	124096.478	30	124055.208
66	25	7366380.133	2755.104	-.0205	-.0002	-33.020	-.0091	00	124013.936	30	123972.661
	26	7368237.957	2753.619	-.0212	-.0002	-33.019	-.0091	00	123931.383	30	123890.103
	27	7370095.784	2752.134	-.0219	-.0002	-33.018	-.0091	00	123848.820	30	123807.535
	28	7371953.616	2750.647	-.0226	-.0002	-33.017	-.0090	00	123766.247	30	123724.956
	29	7373811.451	2749.160	-.0233	-.0002	-33.015	-.0090	00	123683.663	30	123642.366
66	30	7375669.291	2747.672	-.0239	-.0002	-33.014	-.0090	00	123601.068	30	123559.766
	31	7377527.134	2746.183	-.0246	-.0002	-33.012	-.0090	00	123518.462	30	123477.155
	32	7379384.981	2744.693	-.0253	-.0002	-33.011	-.0090	00	123435.846	30	123394.534
	33	7381242.833	2743.202	-.0260	-.0002	-33.009	-.0089	00	123353.219	30	123311.902
	34	7383100.688	2741.710	-.0266	-.0002	-33.008	-.0089	00	123270.582	30	123229.259
66	35	7384958.548	2740.217	-.0273	-.0002	-33.006	-.0089	00	123187.934	30	123146.606
	36	7386816.411	2738.723	-.0280	-.0002	-33.004	-.0089	00	123105.275	30	123063.942
	37	7388674.278	2737.228	-.0286	-.0002	-33.003	-.0089	00	123022.606	30	122981.267
	38	7390532.150	2735.733	-.0293	-.0002	-33.001	-.0088	00	122939.926	30	122898.582
	39	7392390.025	2734.236	-.0300	-.0002	-32.999	-.0088	00	122857.236	30	122815.887
66	40	7394247.904	2732.739	-.0306	-.0002	-32.997	-.0088	00	122774.535	30	122733.181
	41	7396105.787	2731.240	-.0313	-.0002	-32.995	-.0088	00	122691.824	30	122650.464
	42	7397963.674	2729.741	-.0320	-.0002	-32.994	-.0087	00	122609.102	30	122567.737
	43	7399821.566	2728.240	-.0326	-.0002	-32.992	-.0087	00	122526.369	30	122484.999
	44	7401679.461	2726.739	-.0333	-.0002	-32.990	-.0087	00	122443.626	30	122402.251
66	45	7403537.360	2725.237	-.0339	-.0002	-32.988	-.0087	00	122360.873	30	122319.492
	46	7405395.263	2723.734	-.0346	-.0002	-32.985	-.0087	00	122278.109	30	122236.723
	47	7407253.170	2722.230	-.0353	-.0002	-32.983	-.0086	00	122195.334	30	122153.943
	48	7409111.081	2720.725	-.0359	-.0002	-32.981	-.0086	00	122112.549	30	122071.152
	49	7410968.996	2719.219	-.0366	-.0002	-32.979	-.0086	00	122029.753	30	121988.352
66	50	7412826.915	2717.712	-.0372	-.0002	-32.977	-.0086	00	121946.947	30	121905.540
	51	7414684.837	2716.205	-.0379	-.0002	-32.974	-.0086	00	121864.131	30	121822.718
	52	7416542.764	2714.696	-.0385	-.0002	-32.972	-.0085	00	121781.304	30	121739.886
	53	7418400.695	2713.186	-.0392	-.0002	-32.970	-.0085	00	121698.466	30	121657.043
	54	7420258.630	2711.676	-.0398	-.0002	-32.967	-.0085	00	121615.618	30	121574.190
66	55	7422116.568	2710.164	-.0405	-.0002	-32.965	-.0085	00	121532.760	30	121491.327
	56	7423974.511	2708.652	-.0411	-.0002	-32.962	-.0085	00	121449.891	30	121408.452
	57	7425832.457	2707.139	-.0418	-.0002	-32.960	-.0084	00	121367.012	30	121325.568
	58	7427690.407	2705.625	-.0424	-.0002	-32.957	-.0084	00	121284.122	30	121242.673
	59	7429548.362	2704.110	-.0431	-.0002	-32.955	-.0084	00	121201.222	30	121159.768
67	00	7431406.320	2702.594	-.0437	-.0002	-32.952	-.0084	00	121118.311	30	121076.852

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
67	0	7431406.320	2702.594	-.0437	-.0002	-32.952	-.0084	00	121118.311	30	121076.852
	1	7433264.282	2701.077	-.0443	-.0002	-32.949	-.0084	00	121035.390	30	120993.926
	2	7435122.248	2699.559	-.0450	-.0002	-32.947	-.0083	00	120952.459	30	120910.989
	3	7436980.218	2698.040	-.0456	-.0002	-32.944	-.0083	00	120869.517	30	120828.042
	4	7438838.192	2696.521	-.0463	-.0002	-32.941	-.0083	00	120786.565	30	120745.085
67	5	7440696.170	2695.000	-.0469	-.0002	-32.938	-.0083	00	120703.602	30	120662.117
	6	7442554.152	2693.478	-.0475	-.0002	-32.935	-.0082	00	120620.629	30	120579.139
	7	7444412.137	2691.956	-.0482	-.0002	-32.932	-.0082	00	120537.646	30	120496.150
	8	7446270.127	2690.433	-.0488	-.0002	-32.929	-.0082	00	120454.652	30	120413.151
	9	7448128.121	2688.908	-.0494	-.0002	-32.926	-.0082	00	120371.648	30	120330.142
67	10	7449986.118	2687.383	-.0501	-.0002	-32.923	-.0082	00	120288.633	30	120247.122
	11	7451844.119	2685.857	-.0507	-.0002	-32.920	-.0081	00	120205.609	30	120164.092
	12	7453702.124	2684.330	-.0513	-.0002	-32.917	-.0081	00	120122.574	30	120081.052
	13	7455560.134	2682.802	-.0520	-.0002	-32.914	-.0081	00	120039.528	30	119998.002
	14	7457418.147	2681.274	-.0526	-.0002	-32.910	-.0081	00	119956.472	30	119914.941
67	15	7459276.163	2679.744	-.0532	-.0002	-32.907	-.0081	00	119873.406	30	119831.869
	16	7461134.184	2678.213	-.0538	-.0002	-32.904	-.0080	00	119790.330	30	119748.788
	17	7462992.209	2676.682	-.0545	-.0002	-32.900	-.0080	00	119707.243	30	119665.696
	18	7464850.238	2675.149	-.0551	-.0002	-32.897	-.0080	00	119624.146	30	119582.594
	19	7466708.270	2673.616	-.0557	-.0002	-32.894	-.0080	00	119541.039	30	119499.482
67	20	7468566.306	2672.082	-.0563	-.0002	-32.890	-.0080	00	119457.922	30	119416.359
	21	7470424.347	2670.547	-.0569	-.0002	-32.887	-.0079	00	119374.794	30	119333.226
	22	7472282.391	2669.010	-.0576	-.0002	-32.883	-.0079	00	119291.656	30	119250.083
	23	7474140.439	2667.474	-.0582	-.0002	-32.879	-.0079	00	119208.507	30	119166.929
	24	7475998.491	2665.936	-.0588	-.0002	-32.876	-.0079	00	119125.349	30	119083.766
67	25	7477856.546	2664.397	-.0594	-.0002	-32.872	-.0079	00	119042.180	30	119000.592
	26	7479714.606	2662.857	-.0600	-.0002	-32.868	-.0078	00	118959.001	30	118917.408
	27	7481572.669	2661.317	-.0606	-.0002	-32.865	-.0078	00	118875.812	30	118834.213
	28	7483430.737	2659.775	-.0612	-.0002	-32.861	-.0078	00	118792.612	30	118751.009
	29	7485288.808	2658.233	-.0618	-.0002	-32.857	-.0078	00	118709.402	30	118667.794
67	30	7487146.883	2656.689	-.0625	-.0002	-32.853	-.0078	00	118626.183	30	118584.569
	31	7489004.962	2655.145	-.0631	-.0002	-32.849	-.0077	00	118542.952	30	118501.334
	32	7490863.045	2653.600	-.0637	-.0002	-32.845	-.0077	00	118459.712	30	118418.088
	33	7492721.131	2652.054	-.0643	-.0002	-32.841	-.0077	00	118376.462	30	118334.833
	34	7494579.222	2650.507	-.0649	-.0002	-32.837	-.0077	00	118293.201	30	118251.567
67	35	7496437.316	2648.959	-.0655	-.0002	-32.833	-.0077	00	118209.930	30	118168.291
	36	7498295.414	2647.411	-.0661	-.0002	-32.829	-.0076	00	118126.649	30	118085.005
	37	7500153.516	2645.861	-.0667	-.0002	-32.825	-.0076	00	118043.358	30	118001.708
	38	7502011.622	2644.310	-.0673	-.0002	-32.820	-.0076	00	117960.057	30	117918.402
	39	7503869.732	2642.759	-.0679	-.0002	-32.816	-.0076	00	117876.745	30	117835.086
67	40	7505727.846	2641.207	-.0685	-.0002	-32.812	-.0076	00	117793.423	30	117751.759
	41	7507585.963	2639.653	-.0691	-.0002	-32.808	-.0075	00	117710.092	30	117668.422
	42	7509444.084	2638.099	-.0697	-.0002	-32.803	-.0075	00	117626.750	30	117585.075
	43	7511302.209	2636.544	-.0703	-.0002	-32.799	-.0075	00	117543.398	30	117501.718
	44	7513160.338	2634.989	-.0709	-.0002	-32.794	-.0075	00	117460.036	30	117418.351
67	45	7515018.471	2633.432	-.0714	-.0002	-32.790	-.0075	00	117376.664	30	117334.974
	46	7516876.607	2631.874	-.0720	-.0002	-32.785	-.0074	00	117293.281	30	117251.586
	47	7518734.748	2630.315	-.0726	-.0002	-32.781	-.0074	00	117209.889	30	117168.189
	48	7520592.892	2628.756	-.0732	-.0002	-32.776	-.0074	00	117126.487	30	117084.782
	49	7522451.040	2627.196	-.0738	-.0002	-32.771	-.0074	00	117043.074	30	117001.364
67	50	7524309.192	2625.634	-.0744	-.0002	-32.767	-.0074	00	116959.651	30	116917.936
	51	7526167.348	2624.072	-.0750	-.0002	-32.762	-.0073	00	116876.219	30	116834.499
	52	7528025.507	2622.509	-.0755	-.0002	-32.757	-.0073	00	116792.776	30	116751.051
	53	7529883.670	2620.945	-.0761	-.0002	-32.752	-.0073	00	116709.323	30	116667.593
	54	7531741.837	2619.380	-.0767	-.0002	-32.747	-.0073	00	116625.861	30	116584.125
67	55	7533600.008	2617.815	-.0773	-.0002	-32.742	-.0073	00	116542.388	30	116500.648
	56	7535458.183	2616.248	-.0779	-.0002	-32.738	-.0072	00	116458.905	30	116417.160
	57	7537316.362	2614.681	-.0784	-.0002	-32.733	-.0072	00	116375.412	30	116333.662
	58	7539174.544	2613.112	-.0790	-.0002	-32.727	-.0072	00	116291.909	30	116250.154
	59	7541032.730	2611.543	-.0796	-.0002	-32.722	-.0072	00	116208.396	30	116166.636
68	00	7542890.920	2609.973	-.0802	-.0002	-32.717	-.0072	00	116124.874	30	116083.108

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSC DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
68	0	7542890.920	2609.973	-.0802	-.0002	-32.717	-.0072	00	116124.874	30	116083.108
	1	7544749.113	2608.402	-.0807	-.0002	-32.712	-.0071	00	116041.341	30	115999.571
	2	7546607.311	2606.830	-.0813	-.0002	-32.707	-.0071	00	115957.798	30	115916.023
	3	7548465.512	2605.257	-.0819	-.0002	-32.702	-.0071	00	115874.245	30	115832.465
	4	7550323.717	2603.683	-.0825	-.0002	-32.696	-.0071	00	115790.682	30	115748.897
68	5	7552181.926	2602.109	-.0830	-.0002	-32.691	-.0071	00	115707.110	30	115665.320
	6	7554040.139	2600.533	-.0836	-.0002	-32.686	-.0070	00	115623.527	30	115581.732
	7	7555898.355	2598.957	-.0842	-.0002	-32.680	-.0070	00	115539.934	30	115498.134
	8	7557756.575	2597.380	-.0847	-.0002	-32.675	-.0070	00	115456.332	30	115414.527
	9	7559614.799	2595.802	-.0853	-.0002	-32.670	-.0070	00	115372.719	30	115330.909
68	10	7561473.027	2594.223	-.0858	-.0002	-32.664	-.0070	00	115289.097	30	115247.282
	11	7563331.258	2592.643	-.0864	-.0002	-32.658	-.0070	00	115205.465	30	115163.645
	12	7565189.494	2591.062	-.0870	-.0002	-32.653	-.0069	00	115121.822	30	115079.998
	13	7567047.733	2589.480	-.0875	-.0002	-32.647	-.0069	00	115038.170	30	114996.341
	14	7568905.975	2587.898	-.0881	-.0002	-32.642	-.0069	00	114954.508	30	114912.674
68	15	7570764.222	2586.314	-.0886	-.0002	-32.636	-.0069	00	114870.836	30	114828.997
	16	7572622.472	2584.730	-.0892	-.0002	-32.630	-.0069	00	114787.155	30	114745.310
	17	7574480.726	2583.145	-.0898	-.0002	-32.624	-.0068	00	114703.463	30	114661.613
	18	7576338.984	2581.559	-.0903	-.0002	-32.618	-.0068	00	114619.761	30	114577.907
	19	7578197.246	2579.972	-.0909	-.0002	-32.613	-.0068	00	114536.050	30	114494.191
68	20	7580055.511	2578.384	-.0914	-.0002	-32.607	-.0068	00	114452.329	30	114410.464
	21	7581913.780	2576.796	-.0920	-.0002	-32.601	-.0068	00	114368.598	30	114326.728
	22	7583772.053	2575.206	-.0925	-.0002	-32.595	-.0067	00	114284.857	30	114242.983
	23	7585630.329	2573.616	-.0931	-.0002	-32.589	-.0067	00	114201.106	30	114159.227
	24	7587488.610	2572.024	-.0936	-.0002	-32.583	-.0067	00	114117.345	30	114075.462
68	25	7589346.894	2570.432	-.0941	-.0002	-32.576	-.0067	00	114033.575	30	113991.686
	26	7591205.181	2568.839	-.0947	-.0002	-32.570	-.0067	00	113949.795	30	113907.901
	27	7593063.473	2567.245	-.0952	-.0002	-32.564	-.0066	00	113866.005	30	113824.106
	28	7594921.768	2565.651	-.0958	-.0002	-32.558	-.0066	00	113782.205	30	113740.302
	29	7596780.067	2564.055	-.0963	-.0002	-32.552	-.0066	00	113698.396	30	113656.487
68	30	7598638.370	2562.458	-.0969	-.0002	-32.545	-.0066	00	113614.576	30	113572.663
	31	7600496.676	2560.861	-.0974	-.0002	-32.539	-.0066	00	113530.747	30	113488.829
	32	7602354.986	2559.263	-.0979	-.0002	-32.533	-.0065	00	113446.908	30	113404.985
	33	7604213.300	2557.664	-.0985	-.0002	-32.526	-.0065	00	113363.059	30	113321.131
	34	7606071.617	2556.064	-.0990	-.0002	-32.520	-.0065	00	113279.201	30	113237.268
68	35	7607929.939	2554.463	-.0995	-.0002	-32.513	-.0065	00	113195.333	30	113153.395
	36	7609788.264	2552.861	-.1001	-.0002	-32.507	-.0065	00	113111.455	30	113069.512
	37	7611646.592	2551.258	-.1006	-.0002	-32.500	-.0065	00	113027.567	30	112985.620
	38	7613504.925	2549.655	-.1011	-.0002	-32.493	-.0064	00	112943.670	30	112901.718
	39	7615363.261	2548.051	-.1017	-.0002	-32.487	-.0064	00	112859.763	30	112817.806
68	40	7617221.601	2546.445	-.1022	-.0002	-32.480	-.0064	00	112775.846	30	112733.884
	41	7619079.944	2544.839	-.1027	-.0002	-32.473	-.0064	00	112691.920	30	112649.953
	42	7620938.291	2543.232	-.1032	-.0002	-32.466	-.0064	00	112607.984	30	112566.012
	43	7622796.642	2541.625	-.1038	-.0002	-32.460	-.0063	00	112524.038	30	112482.061
	44	7624654.997	2540.016	-.1043	-.0002	-32.453	-.0063	00	112440.082	30	112398.101
68	45	7626513.355	2538.407	-.1048	-.0002	-32.446	-.0063	00	112356.117	30	112314.131
	46	7628371.717	2536.796	-.1053	-.0002	-32.439	-.0063	00	112272.142	30	112230.151
	47	7630230.083	2535.185	-.1058	-.0002	-32.432	-.0063	00	112188.158	30	112146.162
	48	7632088.452	2533.573	-.1064	-.0002	-32.425	-.0062	00	112104.164	30	112062.163
	49	7633946.825	2531.960	-.1069	-.0002	-32.418	-.0062	00	112020.160	30	111978.154
68	50	7635805.202	2530.346	-.1074	-.0002	-32.411	-.0062	00	111936.146	30	111894.136
	51	7637663.582	2528.731	-.1079	-.0002	-32.403	-.0062	00	111852.123	30	111810.108
	52	7639521.966	2527.116	-.1084	-.0002	-32.396	-.0062	00	111768.090	30	111726.070
	53	7641380.354	2525.499	-.1089	-.0002	-32.389	-.0062	00	111684.048	30	111642.023
	54	7643238.745	2523.882	-.1094	-.0002	-32.382	-.0061	00	111599.996	30	111557.967
68	55	7645097.140	2522.264	-.1100	-.0002	-32.374	-.0061	00	111515.935	30	111473.900
	56	7646955.539	2520.645	-.1105	-.0002	-32.367	-.0061	00	111431.864	30	111389.824
	57	7648813.941	2519.025	-.1110	-.0002	-32.360	-.0061	00	111347.783	30	111305.739
	58	7650672.348	2517.405	-.1115	-.0002	-32.352	-.0061	00	111263.693	30	111221.644
	59	7652530.757	2515.783	-.1120	-.0002	-32.345	-.0060	00	111179.593	30	111137.539
69	00	7654389.171	2514.161	-.1125	-.0002	-32.337	-.0060	00	111095.483	30	111053.425

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
69	0	7654389.171	2514.161	-.1125	-.0002	-32.337	-.0060	00	111095.483	30	111053.425
	1	7656247.588	2512.537	-.1130	-.0002	-32.330	-.0060	00	111011.364	30	110969.301
	2	7658106.008	2510.913	-.1135	-.0002	-32.322	-.0060	00	110927.236	30	110885.168
	3	7659964.433	2509.288	-.1140	-.0002	-32.315	-.0060	00	110843.098	30	110801.025
	4	7661822.861	2507.662	-.1145	-.0002	-32.307	-.0060	00	110758.950	30	110716.873
69	5	7663681.292	2506.036	-.1150	-.0002	-32.299	-.0059	00	110674.793	30	110632.711
	6	7665539.727	2504.408	-.1155	-.0002	-32.291	-.0059	00	110590.626	30	110548.539
	7	7667398.166	2502.780	-.1160	-.0002	-32.284	-.0059	00	110506.450	30	110464.358
	8	7669256.609	2501.151	-.1165	-.0002	-32.276	-.0059	00	110422.264	30	110380.168
	9	7671115.055	2499.521	-.1170	-.0002	-32.268	-.0059	00	110338.069	30	110295.968
69	10	7672973.505	2497.890	-.1175	-.0002	-32.260	-.0058	00	110253.865	30	110211.759
	11	7674831.958	2496.258	-.1180	-.0002	-32.252	-.0058	00	110169.650	30	110127.540
	12	7676690.415	2494.625	-.1185	-.0002	-32.244	-.0058	00	110085.427	30	110043.311
	13	7678548.876	2492.992	-.1189	-.0002	-32.236	-.0058	00	110001.194	30	109959.073
	14	7680407.340	2491.358	-.1194	-.0002	-32.228	-.0058	00	109916.951	30	109874.826
69	15	7682265.808	2489.722	-.1199	-.0002	-32.220	-.0058	00	109832.699	30	109790.569
	16	7684124.280	2488.086	-.1204	-.0002	-32.212	-.0057	00	109748.437	30	109706.303
	17	7685982.755	2486.450	-.1209	-.0002	-32.204	-.0057	00	109664.167	30	109622.028
	18	7687841.234	2484.812	-.1214	-.0002	-32.195	-.0057	00	109579.886	30	109537.742
	19	7689699.716	2483.173	-.1219	-.0002	-32.187	-.0057	00	109495.596	30	109453.448
69	20	7691558.202	2481.534	-.1223	-.0002	-32.179	-.0057	00	109411.297	30	109369.144
	21	7693416.692	2479.894	-.1228	-.0002	-32.171	-.0056	00	109326.989	30	109284.831
	22	7695275.185	2478.253	-.1233	-.0002	-32.162	-.0056	00	109242.671	30	109200.508
	23	7697133.682	2476.611	-.1238	-.0002	-32.154	-.0056	00	109158.343	30	109116.176
	24	7698992.182	2474.968	-.1243	-.0002	-32.145	-.0056	00	109074.006	30	109031.834
69	25	7700850.686	2473.325	-.1247	-.0002	-32.137	-.0056	00	108989.660	30	108947.483
	26	7702709.194	2471.680	-.1252	-.0002	-32.128	-.0056	00	108905.304	30	108863.123
	27	7704567.705	2470.035	-.1257	-.0002	-32.120	-.0055	00	108820.939	30	108778.754
	28	7706426.220	2468.389	-.1262	-.0002	-32.111	-.0055	00	108736.565	30	108694.375
	29	7708284.738	2466.742	-.1266	-.0002	-32.102	-.0055	00	108652.181	30	108609.986
69	30	7710143.260	2465.094	-.1271	-.0002	-32.094	-.0055	00	108567.788	30	108525.588
	31	7712001.785	2463.445	-.1276	-.0002	-32.085	-.0055	00	108483.386	30	108441.181
	32	7713860.314	2461.796	-.1280	-.0002	-32.076	-.0054	00	108398.974	30	108356.765
	33	7715718.847	2460.146	-.1285	-.0002	-32.068	-.0054	00	108314.553	30	108272.339
	34	7717577.383	2458.495	-.1290	-.0002	-32.059	-.0054	00	108230.123	30	108187.904
69	35	7719435.923	2456.843	-.1294	-.0002	-32.050	-.0054	00	108145.683	30	108103.460
	36	7721294.467	2455.190	-.1299	-.0002	-32.041	-.0054	00	108061.234	30	108019.006
	37	7723153.014	2453.536	-.1303	-.0002	-32.032	-.0054	00	107976.776	30	107934.544
	38	7725011.564	2451.882	-.1308	-.0002	-32.023	-.0053	00	107892.309	30	107850.071
	39	7726870.118	2450.226	-.1313	-.0002	-32.014	-.0053	00	107807.832	30	107765.590
69	40	7728728.676	2448.570	-.1317	-.0002	-32.005	-.0053	00	107723.346	30	107681.099
	41	7730587.237	2446.913	-.1322	-.0002	-31.996	-.0053	00	107638.850	30	107596.599
	42	7732445.802	2445.256	-.1326	-.0002	-31.987	-.0053	00	107554.346	30	107512.090
	43	7734304.370	2443.597	-.1331	-.0002	-31.977	-.0053	00	107469.832	30	107427.571
	44	7736162.942	2441.937	-.1335	-.0002	-31.968	-.0052	00	107385.309	30	107343.043
69	45	7738021.518	2440.277	-.1340	-.0002	-31.959	-.0052	00	107300.776	30	107258.506
	46	7739880.097	2438.616	-.1345	-.0002	-31.950	-.0052	00	107216.234	30	107173.960
	47	7741738.679	2436.954	-.1349	-.0002	-31.940	-.0052	00	107131.684	30	107089.405
	48	7743597.265	2435.291	-.1354	-.0002	-31.931	-.0052	00	107047.124	30	107004.840
	49	7745455.855	2433.628	-.1358	-.0002	-31.921	-.0051	00	106962.554	30	106920.266
69	50	7747314.448	2431.963	-.1362	-.0002	-31.912	-.0051	00	106877.976	30	106835.683
	51	7749173.045	2430.298	-.1367	-.0002	-31.902	-.0051	00	106793.388	30	106751.091
	52	7751031.645	2428.632	-.1371	-.0002	-31.893	-.0051	00	106708.791	30	106666.489
	53	7752890.249	2426.965	-.1376	-.0002	-31.883	-.0051	00	106624.185	30	106581.879
	54	7754748.856	2425.297	-.1380	-.0002	-31.874	-.0051	00	106539.570	30	106497.259
69	55	7756607.467	2423.629	-.1385	-.0002	-31.864	-.0050	00	106454.946	30	106412.630
	56	7758466.081	2421.959	-.1389	-.0002	-31.854	-.0050	00	106370.312	30	106327.992
	57	7760324.699	2420.289	-.1393	-.0002	-31.845	-.0050	00	106285.669	30	106243.344
	58	7762183.320	2418.618	-.1398	-.0002	-31.835	-.0050	00	106201.017	30	106158.688
	59	7764041.945	2416.946	-.1402	-.0002	-31.825	-.0050	00	106116.356	30	106074.022
70	00	7765900.573	2415.274	-.1406	-.0002	-31.815	-.0050	00	106031.686	30	105989.348

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
70	0	7765900.573	2415.274	-.1406	-.0002	-31.815	-.0050	00	106031.686	30	105989.348
	1	7767759.205	2413.600	-.1411	-.0002	-31.805	-.0049	00	105947.007	30	105904.664
	2	7769617.841	2411.926	-.1415	-.0002	-31.795	-.0049	00	105862.319	30	105819.971
	3	7771476.480	2410.251	-.1419	-.0002	-31.786	-.0049	00	105777.621	30	105735.269
	4	7773335.122	2408.575	-.1424	-.0002	-31.776	-.0049	00	105692.915	30	105650.558
70	5	7775193.768	2406.898	-.1428	-.0002	-31.765	-.0049	00	105608.199	30	105565.838
	6	7777052.417	2405.221	-.1432	-.0002	-31.755	-.0049	00	105523.474	30	105481.108
	7	7778911.070	2403.542	-.1437	-.0002	-31.745	-.0048	00	105438.740	30	105396.370
	8	7780769.727	2401.863	-.1441	-.0002	-31.735	-.0048	00	105353.997	30	105311.622
	9	7782628.386	2400.183	-.1445	-.0002	-31.725	-.0048	00	105269.245	30	105226.866
70	10	7784487.050	2398.502	-.1449	-.0002	-31.715	-.0048	00	105184.484	30	105142.100
	11	7786345.717	2396.820	-.1454	-.0002	-31.704	-.0048	00	105099.714	30	105057.326
	12	7788204.387	2395.138	-.1458	-.0002	-31.694	-.0048	00	105014.935	30	104972.542
	13	7790063.061	2393.455	-.1462	-.0002	-31.684	-.0047	00	104930.147	30	104887.749
	14	7791921.738	2391.771	-.1466	-.0002	-31.673	-.0047	00	104845.350	30	104802.948
70	15	7793780.419	2390.086	-.1470	-.0002	-31.663	-.0047	00	104760.543	30	104718.137
	16	7795639.103	2388.400	-.1475	-.0002	-31.653	-.0047	00	104675.728	30	104633.317
	17	7797497.791	2386.713	-.1479	-.0002	-31.642	-.0047	00	104590.904	30	104548.488
	18	7799356.482	2385.026	-.1483	-.0002	-31.632	-.0047	00	104506.071	30	104463.650
	19	7801215.177	2383.338	-.1487	-.0002	-31.621	-.0046	00	104421.228	30	104378.804
70	20	7803073.875	2381.649	-.1491	-.0002	-31.610	-.0046	00	104336.377	30	104293.948
	21	7804932.577	2379.959	-.1495	-.0002	-31.600	-.0046	00	104251.517	30	104209.083
	22	7806791.282	2378.269	-.1499	-.0002	-31.589	-.0046	00	104166.648	30	104124.210
	23	7808649.990	2376.577	-.1503	-.0002	-31.578	-.0046	00	104081.769	30	104039.327
	24	7810508.702	2374.885	-.1507	-.0002	-31.568	-.0046	00	103996.882	30	103954.435
70	25	7812367.418	2373.192	-.1512	-.0002	-31.557	-.0045	00	103911.986	30	103869.535
	26	7814226.136	2371.498	-.1516	-.0002	-31.546	-.0045	00	103827.081	30	103784.625
	27	7816084.859	2369.804	-.1520	-.0002	-31.535	-.0045	00	103742.167	30	103699.707
	28	7817943.584	2368.108	-.1524	-.0002	-31.524	-.0045	00	103657.244	30	103614.779
	29	7819802.314	2366.412	-.1528	-.0002	-31.513	-.0045	00	103572.312	30	103529.843
70	30	7821661.046	2364.715	-.1532	-.0002	-31.502	-.0045	00	103487.372	30	103444.898
	31	7823519.782	2363.017	-.1536	-.0002	-31.491	-.0044	00	103402.422	30	103359.944
	32	7825378.522	2361.318	-.1540	-.0002	-31.480	-.0044	00	103317.464	30	103274.981
	33	7827237.265	2359.619	-.1544	-.0002	-31.469	-.0044	00	103232.496	30	103190.009
	34	7829096.011	2357.919	-.1548	-.0002	-31.458	-.0044	00	103147.520	30	103105.028
70	35	7830954.761	2356.218	-.1552	-.0002	-31.447	-.0044	00	103062.535	30	103020.039
	36	7832813.514	2354.516	-.1555	-.0002	-31.436	-.0044	00	102977.541	30	102935.040
	37	7834672.271	2352.813	-.1559	-.0002	-31.424	-.0043	00	102892.538	30	102850.033
	38	7836531.031	2351.110	-.1563	-.0002	-31.413	-.0043	00	102807.526	30	102765.017
	39	7838389.794	2349.405	-.1567	-.0002	-31.402	-.0043	00	102722.505	30	102679.992
70	40	7840248.561	2347.700	-.1571	-.0001	-31.390	-.0043	00	102637.476	30	102594.958
	41	7842107.332	2345.995	-.1575	-.0001	-31.379	-.0043	00	102552.437	30	102509.915
	42	7843966.105	2344.288	-.1579	-.0001	-31.367	-.0043	00	102467.390	30	102424.863
	43	7845824.883	2342.581	-.1583	-.0001	-31.356	-.0042	00	102382.334	30	102339.803
	44	7847683.663	2340.872	-.1587	-.0001	-31.345	-.0042	00	102297.270	30	102254.734
70	45	7849542.447	2339.163	-.1590	-.0001	-31.333	-.0042	00	102212.196	30	102169.656
	46	7851401.234	2337.453	-.1594	-.0001	-31.321	-.0042	00	102127.114	30	102084.569
	47	7853260.025	2335.743	-.1598	-.0001	-31.310	-.0042	00	102042.023	30	101999.474
	48	7855118.819	2334.031	-.1602	-.0001	-31.298	-.0042	00	101956.923	30	101914.369
	49	7856977.617	2332.319	-.1606	-.0001	-31.286	-.0041	00	101871.814	30	101829.256
70	50	7858836.418	2330.606	-.1609	-.0001	-31.275	-.0041	00	101786.696	30	101744.134
	51	7860695.222	2328.892	-.1613	-.0001	-31.263	-.0041	00	101701.570	30	101659.004
	52	7862554.030	2327.178	-.1617	-.0001	-31.251	-.0041	00	101616.435	30	101573.864
	53	7864412.841	2325.463	-.1621	-.0001	-31.239	-.0041	00	101531.291	30	101488.716
	54	7866271.655	2323.746	-.1624	-.0001	-31.227	-.0041	00	101446.139	30	101403.559
70	55	7868130.473	2322.029	-.1628	-.0001	-31.215	-.0040	00	101360.978	30	101318.394
	56	7869989.294	2320.312	-.1632	-.0001	-31.203	-.0040	00	101275.808	30	101233.219
	57	7871848.119	2318.593	-.1635	-.0001	-31.191	-.0040	00	101190.629	30	101148.036
	58	7873706.947	2316.874	-.1639	-.0001	-31.179	-.0040	00	101105.442	30	101062.845
	59	7875565.778	2315.154	-.1643	-.0001	-31.167	-.0040	00	101020.246	30	100977.644
71	00	7877424.613	2313.433	-.1646	-.0001	-31.155	-.0040	00	100935.041	30	100892.435

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
71	0	7877424.613	2313.433	-.1646	-.0001	-31.155	-.0040	00	100935.041	30	100892.435
	1	7879283.451	2311.711	-.1650	-.0001	-31.143	-.0040	00	100849.827	30	100807.217
	2	7881142.292	2309.989	-.1654	-.0001	-31.131	-.0039	00	100764.605	30	100721.991
	3	7883001.137	2308.265	-.1657	-.0001	-31.119	-.0039	00	100679.374	30	100636.756
	4	7884859.985	2306.541	-.1661	-.0001	-31.106	-.0039	00	100594.135	30	100551.512
71	5	7886718.837	2304.817	-.1665	-.0001	-31.094	-.0039	00	100508.887	30	100466.259
	6	7888577.691	2303.091	-.1668	-.0001	-31.082	-.0039	00	100423.630	30	100380.998
	7	7890436.550	2301.365	-.1672	-.0001	-31.069	-.0039	00	100338.364	30	100295.729
	8	7892295.411	2299.638	-.1675	-.0001	-31.057	-.0038	00	100253.090	30	100210.450
	9	7894154.276	2297.910	-.1679	-.0001	-31.045	-.0038	00	100167.808	30	100125.163
71	10	7896013.144	2296.181	-.1682	-.0001	-31.032	-.0038	00	100082.516	30	100039.867
	11	7897872.016	2294.451	-.1686	-.0001	-31.020	-.0038	00	99997.216	30	99954.563
	12	7899730.891	2292.721	-.1689	-.0001	-31.007	-.0038	00	99911.908	30	99869.250
	13	7901589.769	2290.990	-.1693	-.0001	-30.994	-.0038	00	99826.591	30	99783.929
	14	7903448.650	2289.258	-.1696	-.0001	-30.982	-.0037	00	99741.265	30	99698.599
71	15	7905307.535	2287.526	-.1700	-.0001	-30.969	-.0037	00	99655.931	30	99613.260
	16	7907166.423	2285.792	-.1703	-.0001	-30.956	-.0037	00	99570.588	30	99527.913
	17	7909025.315	2284.058	-.1707	-.0001	-30.944	-.0037	00	99485.236	30	99442.557
	18	7910884.210	2282.323	-.1710	-.0001	-30.931	-.0037	00	99399.876	30	99357.193
	19	7912743.108	2280.587	-.1714	-.0001	-30.918	-.0037	00	99314.508	30	99271.820
71	20	7914602.009	2278.851	-.1717	-.0001	-30.905	-.0037	00	99229.130	30	99186.439
	21	7916460.914	2277.114	-.1721	-.0001	-30.892	-.0036	00	99143.745	30	99101.049
	22	7918319.822	2275.376	-.1724	-.0001	-30.879	-.0036	00	99058.350	30	99015.650
	23	7920178.734	2273.637	-.1727	-.0001	-30.866	-.0036	00	98972.948	30	98930.243
	24	7922037.648	2271.897	-.1731	-.0001	-30.853	-.0036	00	98887.536	30	98844.827
71	25	7923896.566	2270.157	-.1734	-.0001	-30.840	-.0036	00	98802.117	30	98759.403
	26	7925755.488	2268.416	-.1738	-.0001	-30.827	-.0036	00	98716.688	30	98673.971
	27	7927614.412	2266.674	-.1741	-.0001	-30.814	-.0036	00	98631.251	30	98588.530
	28	7929473.340	2264.931	-.1744	-.0001	-30.801	-.0035	00	98545.806	30	98503.080
	29	7931332.271	2263.188	-.1748	-.0001	-30.788	-.0035	00	98460.352	30	98417.622
71	30	7933191.206	2261.443	-.1751	-.0001	-30.775	-.0035	00	98374.890	30	98332.156
	31	7935050.144	2259.698	-.1754	-.0001	-30.761	-.0035	00	98289.419	30	98246.681
	32	7936909.085	2257.953	-.1758	-.0001	-30.748	-.0035	00	98203.940	30	98161.197
	33	7938768.029	2256.206	-.1761	-.0001	-30.735	-.0035	00	98118.452	30	98075.705
	34	7940626.977	2254.459	-.1764	-.0001	-30.721	-.0034	00	98032.956	30	97990.205
71	35	7942485.928	2252.711	-.1767	-.0001	-30.708	-.0034	00	97947.452	30	97904.696
	36	7944344.882	2250.962	-.1771	-.0001	-30.695	-.0034	00	97861.939	30	97819.179
	37	7946203.839	2249.212	-.1774	-.0001	-30.681	-.0034	00	97776.417	30	97733.654
	38	7948062.800	2247.462	-.1777	-.0001	-30.668	-.0034	00	97690.888	30	97648.120
	39	7949921.764	2245.711	-.1780	-.0001	-30.654	-.0034	00	97605.349	30	97562.577
71	40	7951780.731	2243.959	-.1783	-.0001	-30.641	-.0034	00	97519.803	30	97477.026
	41	7953639.702	2242.206	-.1787	-.0001	-30.627	-.0033	00	97434.248	30	97391.467
	42	7955498.675	2240.453	-.1790	-.0001	-30.613	-.0033	00	97348.684	30	97305.899
	43	7957357.652	2238.699	-.1793	-.0001	-30.600	-.0033	00	97263.113	30	97220.323
	44	7959216.633	2236.944	-.1796	-.0001	-30.586	-.0033	00	97177.532	30	97134.739
71	45	7961075.616	2235.188	-.1799	-.0001	-30.572	-.0033	00	97091.944	30	97049.146
	46	7962934.603	2233.432	-.1802	-.0001	-30.558	-.0033	00	97006.347	30	96963.545
	47	7964793.593	2231.675	-.1806	-.0001	-30.544	-.0033	00	96920.742	30	96877.936
	48	7966652.586	2229.917	-.1809	-.0001	-30.531	-.0032	00	96835.128	30	96792.318
	49	7968511.583	2228.158	-.1812	-.0001	-30.517	-.0032	00	96749.506	30	96706.692
71	50	7970370.583	2226.398	-.1815	-.0001	-30.503	-.0032	00	96663.876	30	96621.058
	51	7972229.586	2224.638	-.1818	-.0001	-30.489	-.0032	00	96578.237	30	96535.415
	52	7974088.592	2222.877	-.1821	-.0001	-30.475	-.0032	00	96492.590	30	96449.764
	53	7975947.601	2221.116	-.1824	-.0001	-30.461	-.0032	00	96406.935	30	96364.104
	54	7977806.614	2219.353	-.1827	-.0001	-30.447	-.0031	00	96321.272	30	96278.437
71	55	7979665.630	2217.590	-.1830	-.0001	-30.432	-.0031	00	96235.600	30	96192.761
	56	7981524.649	2215.826	-.1833	-.0001	-30.418	-.0031	00	96149.920	30	96107.077
	57	7983383.671	2214.061	-.1836	-.0001	-30.404	-.0031	00	96064.231	30	96021.384
	58	7985242.697	2212.296	-.1839	-.0001	-30.390	-.0031	00	95978.535	30	95935.683
	59	7987101.726	2210.529	-.1842	-.0001	-30.376	-.0031	00	95892.830	30	95849.974
72	00	7988960.758	2208.762	-.1845	-.0001	-30.361	-.0031	00	95807.117	30	95764.257

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
72	0	7988960.758	2208.762	-.1845	-.0001	-30.361	-.0031	00	95807.117	30	95764.257
	1	7990819.793	2206.994	-.1848	-.0001	-30.347	-.0030	00	95721.395	30	95678.531
	2	7992678.831	2205.226	-.1851	-.0001	-30.333	-.0030	00	95635.666	30	95592.798
	3	7994537.873	2203.457	-.1854	-.0001	-30.318	-.0030	00	95549.928	30	95507.056
	4	7996396.918	2201.687	-.1857	-.0001	-30.304	-.0030	00	95464.182	30	95421.305
72	5	7998255.966	2199.916	-.1860	-.0001	-30.289	-.0030	00	95378.427	30	95335.547
	6	8000115.017	2198.144	-.1863	-.0001	-30.275	-.0030	00	95292.665	30	95249.780
	7	8001974.072	2196.372	-.1866	-.0001	-30.260	-.0030	00	95206.894	30	95164.005
	8	8003833.129	2194.599	-.1869	-.0001	-30.246	-.0029	00	95121.115	30	95078.222
	9	8005692.190	2192.825	-.1871	-.0001	-30.231	-.0029	00	95035.328	30	94992.431
72	10	8007551.254	2191.051	-.1874	-.0001	-30.216	-.0029	00	94949.533	30	94906.632
	11	8009410.321	2189.276	-.1877	-.0001	-30.202	-.0029	00	94863.729	30	94820.824
	12	8011269.392	2187.500	-.1880	-.0001	-30.187	-.0029	00	94777.917	30	94735.008
	13	8013128.465	2185.723	-.1883	-.0001	-30.172	-.0029	00	94692.097	30	94649.185
	14	8014987.542	2183.946	-.1886	-.0001	-30.157	-.0029	00	94606.270	30	94563.352
72	15	8016846.622	2182.167	-.1888	-.0001	-30.142	-.0028	00	94520.433	30	94477.512
	16	8018705.705	2180.388	-.1891	-.0001	-30.128	-.0028	00	94434.589	30	94391.664
	17	8020564.791	2178.609	-.1894	-.0001	-30.113	-.0028	00	94348.737	30	94305.807
	18	8022423.881	2176.828	-.1897	-.0001	-30.098	-.0028	00	94262.876	30	94219.943
	19	8024282.973	2175.047	-.1900	-.0001	-30.083	-.0028	00	94177.007	30	94134.070
72	20	8026142.069	2173.265	-.1902	-.0001	-30.068	-.0028	00	94091.131	30	94048.189
	21	8028001.168	2171.483	-.1905	-.0001	-30.053	-.0028	00	94005.246	30	93962.300
	22	8029860.270	2169.699	-.1908	-.0001	-30.038	-.0028	00	93919.353	30	93876.403
	23	8031719.375	2167.915	-.1910	-.0001	-30.022	-.0027	00	93833.452	30	93790.498
	24	8033578.483	2166.130	-.1913	-.0001	-30.007	-.0027	00	93747.543	30	93704.585
72	25	8035437.595	2164.345	-.1916	-.0001	-29.992	-.0027	00	93661.626	30	93618.664
	26	8037296.710	2162.558	-.1919	-.0001	-29.977	-.0027	00	93575.700	30	93532.735
	27	8039155.827	2160.771	-.1921	-.0001	-29.962	-.0027	00	93489.767	30	93446.797
	28	8041014.948	2158.983	-.1924	-.0001	-29.946	-.0027	00	93403.826	30	93360.852
	29	8042874.073	2157.195	-.1927	-.0001	-29.931	-.0027	00	93317.876	30	93274.898
72	30	8044733.200	2155.406	-.1929	-.0001	-29.916	-.0026	00	93231.919	30	93188.937
	31	8046592.330	2153.616	-.1932	-.0001	-29.900	-.0026	00	93145.953	30	93102.967
	32	8048451.464	2151.825	-.1934	-.0001	-29.885	-.0026	00	93059.980	30	93016.990
	33	8050310.600	2150.033	-.1937	-.0001	-29.869	-.0026	00	92973.998	30	92931.004
	34	8052169.740	2148.241	-.1940	-.0001	-29.854	-.0026	00	92888.009	30	92845.011
72	35	8054028.883	2146.448	-.1942	-.0001	-29.838	-.0026	00	92802.011	30	92759.009
	36	8055888.029	2144.655	-.1945	-.0001	-29.823	-.0026	00	92716.006	30	92673.000
	37	8057747.178	2142.860	-.1947	-.0001	-29.807	-.0025	00	92629.992	30	92586.982
	38	8059606.330	2141.065	-.1950	-.0001	-29.791	-.0025	00	92543.971	30	92500.957
	39	8061465.486	2139.269	-.1952	-.0001	-29.776	-.0025	00	92457.941	30	92414.923
72	40	8063324.644	2137.473	-.1955	-.0001	-29.760	-.0025	00	92371.904	30	92328.882
	41	8065183.806	2135.675	-.1957	-.0001	-29.744	-.0025	00	92285.858	30	92242.833
	42	8067042.970	2133.877	-.1960	-.0001	-29.728	-.0025	00	92199.805	30	92156.775
	43	8068902.138	2132.079	-.1962	-.0001	-29.713	-.0025	00	92113.744	30	92070.710
	44	8070761.309	2130.279	-.1965	-.0001	-29.697	-.0025	00	92027.675	30	91984.637
72	45	8072620.483	2128.479	-.1967	-.0001	-29.681	-.0024	00	91941.597	30	91898.556
	46	8074479.660	2126.678	-.1970	-.0001	-29.665	-.0024	00	91855.512	30	91812.467
	47	8076338.840	2124.876	-.1972	-.0001	-29.649	-.0024	00	91769.419	30	91726.370
	48	8078198.023	2123.074	-.1975	-.0001	-29.633	-.0024	00	91683.319	30	91640.265
	49	8080057.210	2121.271	-.1977	-.0001	-29.617	-.0024	00	91597.210	30	91554.153
72	50	8081916.399	2119.467	-.1980	-.0001	-29.601	-.0024	00	91511.093	30	91468.032
	51	8083775.592	2117.663	-.1982	-.0001	-29.585	-.0024	00	91424.969	30	91381.904
	52	8085634.787	2115.857	-.1984	-.0001	-29.569	-.0023	00	91338.836	30	91295.767
	53	8087493.986	2114.051	-.1987	-.0001	-29.552	-.0023	00	91252.696	30	91209.623
	54	8089353.188	2112.245	-.1989	-.0001	-29.536	-.0023	00	91166.548	30	91123.471
72	55	8091212.392	2110.437	-.1992	-.0001	-29.520	-.0023	00	91080.392	30	91037.311
	56	8093071.600	2108.629	-.1994	-.0001	-29.504	-.0023	00	90994.228	30	90951.143
	57	8094930.811	2106.820	-.1996	-.0001	-29.487	-.0023	00	90908.057	30	90864.968
	58	8096790.025	2105.011	-.1999	-.0001	-29.471	-.0023	00	90821.877	30	90778.784
	59	8098649.242	2103.201	-.2001	-.0001	-29.455	-.0023	00	90735.690	30	90692.593
73	00	8100508.462	2101.390	-.2003	-.0001	-29.438	-.0022	00	90649.495	30	90606.394

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
73	0	8100508.462	2101.390	-.2003	-.0001	-29.438	-.0022	00	90649.495	30	90606.394
	1	8102367.685	2099.578	-.2005	-.0001	-29.422	-.0022	00	90563.292	30	90520.187
	2	8104226.912	2097.765	-.2008	-.0001	-29.405	-.0022	00	90477.081	30	90433.973
	3	8106086.141	2095.952	-.2010	-.0001	-29.389	-.0022	00	90390.862	30	90347.750
	4	8107945.373	2094.139	-.2012	-.0001	-29.372	-.0022	00	90304.636	30	90261.520
73	5	8109804.609	2092.324	-.2014	-.0001	-29.356	-.0022	00	90218.402	30	90175.282
	6	8111663.847	2090.509	-.2017	-.0001	-29.339	-.0022	00	90132.160	30	90089.036
	7	8113523.088	2088.693	-.2019	-.0001	-29.322	-.0022	00	90045.911	30	90002.783
	8	8115382.333	2086.876	-.2021	-.0001	-29.306	-.0021	00	89959.653	30	89916.522
	9	8117241.580	2085.059	-.2023	-.0001	-29.289	-.0021	00	89873.388	30	89830.253
73	10	8119100.831	2083.241	-.2026	-.0001	-29.272	-.0021	00	89787.115	30	89743.976
	11	8120960.085	2081.422	-.2028	-.0001	-29.255	-.0021	00	89700.835	30	89657.691
	12	8122819.341	2079.602	-.2030	-.0001	-29.239	-.0021	00	89614.546	30	89571.399
	13	8124678.601	2077.782	-.2032	-.0001	-29.222	-.0021	00	89528.250	30	89485.099
	14	8126537.864	2075.961	-.2034	-.0001	-29.205	-.0021	00	89441.947	30	89398.792
73	15	8128397.129	2074.140	-.2036	-.0001	-29.188	-.0020	00	89355.635	30	89312.476
	16	8130256.398	2072.317	-.2038	-.0001	-29.171	-.0020	00	89269.316	30	89226.153
	17	8132115.670	2070.494	-.2041	-.0001	-29.154	-.0020	00	89182.989	30	89139.823
	18	8133974.944	2068.670	-.2043	-.0001	-29.137	-.0020	00	89096.655	30	89053.484
	19	8135834.222	2066.846	-.2045	-.0001	-29.120	-.0020	00	89010.312	30	88967.138
73	20	8137693.503	2065.021	-.2047	-.0001	-29.103	-.0020	00	88923.962	30	88880.785
	21	8139552.786	2063.195	-.2049	-.0001	-29.086	-.0020	00	88837.605	30	88794.423
	22	8141412.073	2061.368	-.2051	-.0001	-29.068	-.0020	00	88751.240	30	88708.054
	23	8143271.363	2059.541	-.2053	-.0001	-29.051	-.0019	00	88664.867	30	88621.678
	24	8145130.656	2057.713	-.2055	-.0001	-29.034	-.0019	00	88578.486	30	88535.293
73	25	8146989.951	2055.885	-.2057	-.0001	-29.017	-.0019	00	88492.098	30	88448.901
	26	8148849.250	2054.055	-.2059	-.0001	-28.999	-.0019	00	88405.703	30	88362.502
	27	8150708.552	2052.225	-.2061	-.0001	-28.982	-.0019	00	88319.299	30	88276.095
	28	8152567.856	2050.394	-.2063	-.0001	-28.965	-.0019	00	88232.888	30	88189.680
	29	8154427.164	2048.563	-.2065	-.0001	-28.947	-.0019	00	88146.470	30	88103.258
73	30	8156286.475	2046.731	-.2067	-.0001	-28.930	-.0019	00	88060.044	30	88016.828
	31	8158145.788	2044.898	-.2069	-.0001	-28.912	-.0019	00	87973.610	30	87930.390
	32	8160005.105	2043.064	-.2071	-.0001	-28.895	-.0018	00	87887.169	30	87843.945
	33	8161864.424	2041.230	-.2073	-.0001	-28.877	-.0018	00	87800.720	30	87757.493
	34	8163723.747	2039.395	-.2075	-.0001	-28.860	-.0018	00	87714.263	30	87671.032
73	35	8165583.073	2037.560	-.2077	-.0001	-28.842	-.0018	00	87627.799	30	87584.565
	36	8167442.401	2035.723	-.2079	-.0001	-28.824	-.0018	00	87541.328	30	87498.089
	37	8169301.732	2033.886	-.2081	-.0001	-28.807	-.0018	00	87454.849	30	87411.606
	38	8171161.067	2032.049	-.2082	-.0001	-28.789	-.0018	00	87368.362	30	87325.116
	39	8173020.404	2030.210	-.2084	-.0001	-28.771	-.0018	00	87281.868	30	87238.618
73	40	8174879.744	2028.371	-.2086	-.0001	-28.754	-.0017	00	87195.366	30	87152.113
	41	8176739.088	2026.532	-.2088	-.0001	-28.736	-.0017	00	87108.857	30	87065.600
	42	8178598.434	2024.691	-.2090	-.0001	-28.718	-.0017	00	87022.341	30	86979.079
	43	8180457.783	2022.850	-.2092	-.0001	-28.700	-.0017	00	86935.816	30	86892.552
	44	8182317.135	2021.008	-.2094	-.0001	-28.682	-.0017	00	86849.285	30	86806.016
73	45	8184176.490	2019.166	-.2095	-.0001	-28.664	-.0017	00	86762.746	30	86719.473
	46	8186035.848	2017.322	-.2097	-.0001	-28.646	-.0017	00	86676.199	30	86632.923
	47	8187895.209	2015.479	-.2099	-.0001	-28.628	-.0017	00	86589.645	30	86546.365
	48	8189754.573	2013.634	-.2101	-.0001	-28.610	-.0016	00	86503.083	30	86459.800
	49	8191613.939	2011.789	-.2102	-.0001	-28.592	-.0016	00	86416.514	30	86373.227
73	50	8193473.309	2009.943	-.2104	-.0001	-28.574	-.0016	00	86329.938	30	86286.647
	51	8195332.682	2008.096	-.2106	-.0001	-28.556	-.0016	00	86243.354	30	86200.059
	52	8197192.057	2006.249	-.2108	-.0001	-28.538	-.0016	00	86156.763	30	86113.464
	53	8199051.435	2004.401	-.2109	-.0001	-28.519	-.0016	00	86070.164	30	86026.862
	54	8200910.817	2002.552	-.2111	-.0001	-28.501	-.0016	00	85983.558	30	85940.252
73	55	8202770.201	2000.703	-.2113	-.0001	-28.483	-.0016	00	85896.944	30	85853.635
	56	8204629.588	1998.853	-.2115	-.0001	-28.465	-.0016	00	85810.324	30	85767.010
	57	8206488.978	1997.002	-.2116	-.0001	-28.446	-.0015	00	85723.695	30	85680.378
	58	8208348.371	1995.151	-.2118	-.0001	-28.428	-.0015	00	85637.059	30	85593.739
	59	8210207.767	1993.299	-.2120	-.0001	-28.409	-.0015	00	85550.416	30	85507.092
74	00	8212067.166	1991.446	-.2121	-.0001	-28.391	-.0015	00	85463.766	30	85420.438

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'5)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
74	0	8212067.166	1991.446	-.2121	-.0001	-28.391	-.0015	00	85463.766	30	85420.438
	1	8213926.567	1989.593	-.2123	-.0001	-28.373	-.0015	00	85377.108	30	85333.776
	2	8215785.972	1987.738	-.2124	-.0001	-28.354	-.0015	00	85290.443	30	85247.108
	3	8217645.379	1985.884	-.2126	-.0001	-28.335	-.0015	00	85203.770	30	85160.431
	4	8219504.790	1984.028	-.2128	-.0001	-28.317	-.0015	00	85117.090	30	85073.748
74	5	8221364.203	1982.172	-.2129	-.0001	-28.298	-.0014	00	85030.403	30	84987.057
	6	8223223.619	1980.315	-.2131	-.0001	-28.280	-.0014	00	84943.709	30	84900.359
	7	8225083.038	1978.458	-.2132	-.0001	-28.261	-.0014	00	84857.007	30	84813.653
	8	8226942.460	1976.600	-.2134	-.0001	-28.242	-.0014	00	84770.298	30	84726.940
	9	8228801.885	1974.741	-.2135	-.0001	-28.224	-.0014	00	84683.581	30	84640.220
74	10	8230661.312	1972.881	-.2137	-.0001	-28.205	-.0014	00	84596.857	30	84553.493
	11	8232520.743	1971.021	-.2139	-.0001	-28.186	-.0014	00	84510.126	30	84466.758
	12	8234380.176	1969.161	-.2140	-.0001	-28.167	-.0014	00	84423.388	30	84380.016
	13	8236239.612	1967.299	-.2142	-.0001	-28.148	-.0014	00	84336.642	30	84293.267
	14	8238099.051	1965.437	-.2143	-.0001	-28.129	-.0013	00	84249.890	30	84206.510
74	15	8239958.493	1963.574	-.2145	-.0001	-28.110	-.0013	00	84163.129	30	84119.747
	16	8241817.938	1961.711	-.2146	-.0001	-28.091	-.0013	00	84076.362	30	84032.976
	17	8243677.386	1959.846	-.2147	-.0001	-28.072	-.0013	00	83989.587	30	83946.197
	18	8245536.836	1957.982	-.2149	-.0001	-28.053	-.0013	00	83902.806	30	83859.412
	19	8247396.290	1956.116	-.2150	-.0001	-28.034	-.0013	00	83816.016	30	83772.619
74	20	8249255.746	1954.250	-.2152	-.0001	-28.015	-.0013	00	83729.220	30	83685.819
	21	8251115.205	1952.383	-.2153	-.0001	-27.996	-.0013	00	83642.417	30	83599.012
	22	8252974.667	1950.516	-.2155	-.0001	-27.977	-.0013	00	83555.606	30	83512.198
	23	8254834.131	1948.647	-.2156	-.0001	-27.958	-.0012	00	83468.788	30	83425.376
	24	8256693.599	1946.779	-.2157	-.0001	-27.939	-.0012	00	83381.963	30	83338.548
74	25	8258553.069	1944.909	-.2159	-.0001	-27.919	-.0012	00	83295.131	30	83251.712
	26	8260412.542	1943.039	-.2160	-.0001	-27.900	-.0012	00	83208.291	30	83164.869
	27	8262272.018	1941.168	-.2161	-.0001	-27.881	-.0012	00	83121.444	30	83078.018
	28	8264131.497	1939.297	-.2163	-.0001	-27.861	-.0012	00	83034.591	30	82991.161
	29	8265990.979	1937.425	-.2164	-.0001	-27.842	-.0012	00	82947.730	30	82904.296
74	30	8267850.463	1935.552	-.2165	-.0001	-27.822	-.0012	00	82860.862	30	82817.425
	31	8269709.951	1933.679	-.2167	-.0001	-27.803	-.0012	00	82773.986	30	82730.546
	32	8271569.441	1931.804	-.2168	-.0001	-27.784	-.0012	00	82687.104	30	82643.660
	33	8273428.934	1929.930	-.2169	-.0001	-27.764	-.0011	00	82600.214	30	82556.767
	34	8275288.429	1928.054	-.2171	-.0001	-27.744	-.0011	00	82513.318	30	82469.867
74	35	8277147.928	1926.178	-.2172	-.0001	-27.725	-.0011	00	82426.414	30	82382.959
	36	8279007.429	1924.302	-.2173	-.0001	-27.705	-.0011	00	82339.503	30	82296.045
	37	8280866.933	1922.424	-.2174	-.0001	-27.686	-.0011	00	82252.585	30	82209.124
	38	8282726.440	1920.546	-.2176	-.0001	-27.666	-.0011	00	82165.660	30	82122.195
	39	8284585.950	1918.667	-.2177	-.0001	-27.646	-.0011	00	82078.728	30	82035.259
74	40	8286445.462	1916.788	-.2178	-.0001	-27.627	-.0011	00	81991.789	30	81948.317
	41	8288304.978	1914.908	-.2179	-.0001	-27.607	-.0011	00	81904.843	30	81861.367
	42	8290164.496	1913.028	-.2181	-.0001	-27.587	-.0010	00	81817.889	30	81774.410
	43	8292024.017	1911.146	-.2182	-.0001	-27.567	-.0010	00	81730.929	30	81687.446
	44	8293883.540	1909.264	-.2183	-.0001	-27.547	-.0010	00	81643.962	30	81600.475
74	45	8295743.067	1907.382	-.2184	-.0001	-27.527	-.0010	00	81556.987	30	81513.497
	46	8297602.596	1905.499	-.2185	-.0001	-27.507	-.0010	00	81470.006	30	81426.512
	47	8299462.128	1903.615	-.2186	-.0001	-27.487	-.0010	00	81383.017	30	81339.520
	48	8301321.663	1901.730	-.2187	-.0001	-27.467	-.0010	00	81296.022	30	81252.521
	49	8303181.200	1899.845	-.2189	-.0001	-27.447	-.0010	00	81209.019	30	81165.515
74	50	8305040.740	1897.959	-.2190	-.0001	-27.427	-.0010	00	81122.010	30	81078.502
	51	8306900.283	1896.073	-.2191	-.0001	-27.407	-.0010	00	81034.993	30	80991.482
	52	8308759.829	1894.186	-.2192	-.0001	-27.387	-.0009	00	80947.970	30	80904.455
	53	8310619.378	1892.298	-.2193	-.0001	-27.367	-.0009	00	80860.939	30	80817.422
	54	8312478.929	1890.410	-.2194	-.0001	-27.347	-.0009	00	80773.902	30	80730.381
74	55	8314338.483	1888.521	-.2195	-.0001	-27.327	-.0009	00	80686.858	30	80643.333
	56	8316198.040	1886.631	-.2196	-.0001	-27.306	-.0009	00	80599.806	30	80556.278
	57	8318057.599	1884.741	-.2197	-.0001	-27.286	-.0009	00	80512.748	30	80469.216
	58	8319917.162	1882.850	-.2198	-.0001	-27.266	-.0009	00	80425.683	30	80382.148
	59	8321776.727	1880.958	-.2199	-.0001	-27.245	-.0009	00	80338.611	30	80295.072
75	00	8323636.294	1879.066	-.2200	-.0001	-27.225	-.0009	00	80251.532	30	80207.989

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
75	0	8323636.294	1879.066	-.2200	-.0001	-27.225	-.0009	00	80251.532	30	80207.989
	1	8325495.865	1877.173	-.2201	-.0001	-27.205	-.0009	00	80164.446	30	80120.900
	2	8327355.438	1875.279	-.2202	-.0001	-27.184	-.0008	00	80077.353	30	80033.804
	3	8329215.014	1873.385	-.2203	-.0001	-27.164	-.0008	00	79990.253	30	79946.701
	4	8331074.593	1871.490	-.2204	-.0001	-27.143	-.0008	00	79903.146	30	79859.590
75	5	8332934.174	1869.595	-.2205	-.0001	-27.123	-.0008	00	79816.033	30	79772.473
	6	8334793.758	1867.699	-.2206	-.0001	-27.102	-.0008	00	79728.912	30	79685.350
	7	8336653.345	1865.802	-.2207	-.0001	-27.081	-.0008	00	79641.785	30	79598.219
	8	8338512.934	1863.905	-.2208	-.0001	-27.061	-.0008	00	79554.651	30	79511.081
	9	8340372.527	1862.007	-.2209	-.0001	-27.040	-.0008	00	79467.510	30	79423.937
75	10	8342232.122	1860.108	-.2210	-.0001	-27.019	-.0008	00	79380.362	30	79336.785
	11	8344091.719	1858.209	-.2211	-.0001	-26.999	-.0008	00	79293.207	30	79249.627
	12	8345951.320	1856.309	-.2211	-.0001	-26.978	-.0007	00	79206.046	30	79162.462
	13	8347810.923	1854.409	-.2212	-.0001	-26.957	-.0007	00	79118.877	30	79075.291
	14	8349670.528	1852.508	-.2213	-.0001	-26.936	-.0007	00	79031.702	30	78988.112
75	15	8351530.137	1850.606	-.2214	-.0001	-26.916	-.0007	00	78944.520	30	78900.927
	16	8353389.748	1848.704	-.2215	-.0001	-26.895	-.0007	00	78857.331	30	78813.734
	17	8355249.362	1846.801	-.2216	-.0001	-26.874	-.0007	00	78770.136	30	78726.535
	18	8357108.978	1844.897	-.2217	-.0001	-26.853	-.0007	00	78682.933	30	78639.330
	19	8358968.597	1842.993	-.2217	-.0001	-26.832	-.0007	00	78595.724	30	78552.117
75	20	8360828.219	1841.088	-.2218	-.0001	-26.811	-.0007	00	78508.508	30	78464.898
	21	8362687.844	1839.182	-.2219	-.0001	-26.790	-.0007	00	78421.285	30	78377.672
	22	8364547.471	1837.276	-.2220	-.0001	-26.769	-.0006	00	78334.056	30	78290.439
	23	8366407.101	1835.369	-.2220	-.0001	-26.748	-.0006	00	78246.820	30	78203.199
	24	8368266.734	1833.462	-.2221	-.0001	-26.727	-.0006	00	78159.577	30	78115.953
75	25	8370126.369	1831.554	-.2222	-.0001	-26.705	-.0006	00	78072.327	30	78028.700
	26	8371986.007	1829.645	-.2223	-.0001	-26.684	-.0006	00	77985.071	30	77941.440
	27	8373845.647	1827.736	-.2223	-.0001	-26.663	-.0006	00	77897.808	30	77854.173
	28	8375705.291	1825.826	-.2224	-.0001	-26.642	-.0006	00	77810.538	30	77766.900
	29	8377564.936	1823.916	-.2225	-.0001	-26.620	-.0006	00	77723.261	30	77679.620
75	30	8379424.585	1822.005	-.2226	-.0001	-26.599	-.0006	00	77635.978	30	77592.334
	31	8381284.236	1820.093	-.2226	-.0001	-26.578	-.0006	00	77548.688	30	77505.040
	32	8383143.890	1818.181	-.2227	-.0001	-26.556	-.0006	00	77461.391	30	77417.740
	33	8385003.546	1816.268	-.2228	-.0001	-26.535	-.0005	00	77374.088	30	77330.434
	34	8386863.206	1814.354	-.2228	-.0001	-26.514	-.0005	00	77286.778	30	77243.120
75	35	8388722.867	1812.440	-.2229	-.0001	-26.492	-.0005	00	77199.461	30	77155.800
	36	8390582.532	1810.525	-.2230	-.0001	-26.471	-.0005	00	77112.138	30	77068.474
	37	8392442.199	1808.610	-.2230	-.0001	-26.449	-.0005	00	77024.808	30	76981.141
	38	8394301.868	1806.694	-.2231	-.0001	-26.428	-.0005	00	76937.471	30	76893.801
	39	8396161.541	1804.777	-.2231	-.0001	-26.406	-.0005	00	76850.128	30	76806.454
75	40	8398021.216	1802.860	-.2232	-.0001	-26.384	-.0005	00	76762.778	30	76719.101
	41	8399880.893	1800.942	-.2233	-.0001	-26.363	-.0005	00	76675.422	30	76631.741
	42	8401740.573	1799.023	-.2233	-.0001	-26.341	-.0005	00	76588.059	30	76544.375
	43	8403600.256	1797.104	-.2234	-.0001	-26.319	-.0005	00	76500.689	30	76457.002
	44	8405459.941	1795.184	-.2234	-.0001	-26.298	-.0004	00	76413.313	30	76369.622
75	45	8407319.629	1793.264	-.2235	-.0001	-26.276	-.0004	00	76325.930	30	76282.236
	46	8409179.320	1791.343	-.2235	-.0001	-26.254	-.0004	00	76238.541	30	76194.844
	47	8411039.013	1789.422	-.2236	-.0001	-26.232	-.0004	00	76151.145	30	76107.444
	48	8412898.709	1787.499	-.2236	-.0001	-26.210	-.0004	00	76063.742	30	76020.038
	49	8414758.407	1785.577	-.2237	-.0001	-26.188	-.0004	00	75976.333	30	75932.626
75	50	8416618.108	1783.653	-.2237	-.0001	-26.167	-.0004	00	75888.917	30	75845.207
	51	8418477.812	1781.729	-.2238	-.0001	-26.145	-.0004	00	75801.495	30	75757.782
	52	8420337.518	1779.805	-.2238	-.0001	-26.123	-.0004	00	75714.067	30	75670.350
	53	8422197.227	1777.879	-.2239	-.0001	-26.101	-.0004	00	75626.631	30	75582.911
	54	8424056.938	1775.954	-.2239	-.0001	-26.079	-.0004	00	75539.189	30	75495.466
75	55	8425916.652	1774.027	-.2240	-.0001	-26.057	-.0004	00	75451.741	30	75408.015
	56	8427776.369	1772.100	-.2240	-.0001	-26.034	-.0003	00	75364.286	30	75320.557
	57	8429636.088	1770.173	-.2240	-.0001	-26.012	-.0003	00	75276.825	30	75233.092
	58	8431495.810	1768.244	-.2241	-.0001	-25.990	-.0003	00	75189.357	30	75145.621
	59	8433355.534	1766.316	-.2241	-.0001	-25.968	-.0003	00	75101.883	30	75058.144
76	00	8435215.261	1764.386	-.2242	-.0001	-25.946	-.0003	00	75014.402	30	74970.660

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
76	0	8435215.261	1764.386	-.2242	-.0001	-25.946	-.0003	00	75014.402	30	74970.660
	1	8437074.990	1762.456	-.2242	-.0001	-25.924	-.0003	00	74926.915	30	74883.169
	2	8438934.722	1760.526	-.2242	-.0001	-25.901	-.0003	00	74839.422	30	74795.672
	3	8440794.456	1758.594	-.2243	-.0001	-25.879	-.0003	00	74751.921	30	74708.169
	4	8442654.194	1756.663	-.2243	-.0001	-25.857	-.0003	00	74664.415	30	74620.659
76	5	8444513.933	1754.730	-.2243	-.0001	-25.834	-.0003	00	74576.902	30	74533.143
	6	8446373.675	1752.797	-.2244	-.0001	-25.812	-.0003	00	74489.382	30	74445.620
	7	8448233.420	1750.864	-.2244	-.0001	-25.789	-.0003	00	74401.857	30	74358.091
	8	8450093.167	1748.929	-.2244	-.0001	-25.767	-.0002	00	74314.324	30	74270.556
	9	8451952.917	1746.995	-.2245	-.0001	-25.745	-.0002	00	74226.786	30	74183.014
76	10	8453812.670	1745.059	-.2245	-.0001	-25.722	-.0002	00	74139.241	30	74095.466
	11	8455672.424	1743.123	-.2245	-.0001	-25.699	-.0002	00	74051.689	30	74007.911
	12	8457532.182	1741.187	-.2246	-.0001	-25.677	-.0002	00	73964.131	30	73920.350
	13	8459391.942	1739.249	-.2246	-.0001	-25.654	-.0002	00	73876.567	30	73832.783
	14	8461251.704	1737.312	-.2246	-.0001	-25.632	-.0002	00	73788.997	30	73745.209
76	15	8463111.469	1735.373	-.2246	-.0001	-25.609	-.0002	00	73701.420	30	73657.629
	16	8464971.237	1733.434	-.2246	-.0001	-25.586	-.0002	00	73613.837	30	73570.042
	17	8466831.007	1731.495	-.2247	-.0001	-25.564	-.0002	00	73526.247	30	73482.450
	18	8468690.780	1729.555	-.2247	-.0001	-25.541	-.0002	00	73438.651	30	73394.851
	19	8470550.555	1727.614	-.2247	-.0001	-25.518	-.0002	00	73351.049	30	73307.245
76	20	8472410.332	1725.673	-.2247	-.0001	-25.495	-.0001	00	73263.440	30	73219.633
	21	8474270.112	1723.731	-.2247	-.0001	-25.472	-.0001	00	73175.825	30	73132.015
	22	8476129.895	1721.788	-.2248	-.0001	-25.450	-.0001	00	73088.204	30	73044.391
	23	8477989.680	1719.845	-.2248	-.0001	-25.427	-.0001	00	73000.576	30	72956.760
	24	8479849.468	1717.902	-.2248	-.0001	-25.404	-.0001	00	72912.943	30	72869.123
76	25	8481709.258	1715.958	-.2248	-.0001	-25.381	-.0001	00	72825.302	30	72781.480
	26	8483569.051	1714.013	-.2248	-.0001	-25.358	-.0001	00	72737.656	30	72693.830
	27	8485428.846	1712.067	-.2248	-.0001	-25.335	-.0001	00	72650.003	30	72606.175
	28	8487288.643	1710.121	-.2248	-.0001	-25.312	-.0001	00	72562.344	30	72518.513
	29	8489148.444	1708.175	-.2249	-.0001	-25.289	-.0001	00	72474.679	30	72430.844
76	30	8491008.246	1706.228	-.2249	-.0001	-25.266	-.0001	00	72387.008	30	72343.170
	31	8492868.051	1704.280	-.2249	-.0001	-25.243	-.0001	00	72299.330	30	72255.489
	32	8494727.859	1702.332	-.2249	-.0000	-25.219	-.0001	00	72211.646	30	72167.802
	33	8496587.669	1700.383	-.2249	-.0000	-25.196	-.0000	00	72123.956	30	72080.109
	34	8498447.481	1698.434	-.2249	-.0000	-25.173	-.0000	00	72036.260	30	71992.409
76	35	8500307.296	1696.483	-.2249	-.0000	-25.150	-.0000	00	71948.557	30	71904.704
	36	8502167.114	1694.533	-.2249	-.0000	-25.126	-.0000	00	71860.849	30	71816.992
	37	8504026.934	1692.582	-.2249	-.0000	-25.103	-.0000	00	71773.134	30	71729.274
	38	8505886.756	1690.630	-.2249	-.0000	-25.080	-.0000	00	71685.412	30	71641.550
	39	8507746.581	1688.678	-.2249	-.0000	-25.056	0.0000	00	71597.685	30	71553.819
76	40	8509606.408	1686.725	-.2249	-.0000	-25.033	0.0000	00	71509.952	30	71466.083
	41	8511466.238	1684.771	-.2249	-.0000	-25.010	0.0000	00	71422.212	30	71378.340
	42	8513326.070	1682.817	-.2249	-.0000	-24.986	0.0000	00	71334.466	30	71290.591
	43	8515185.905	1680.863	-.2249	-.0000	-24.963	0.0000	00	71246.714	30	71202.836
	44	8517045.742	1678.907	-.2249	-.0000	-24.939	0.0000	00	71158.956	30	71115.075
76	45	8518905.581	1676.952	-.2249	-.0000	-24.916	0.0000	00	71071.192	30	71027.307
	46	8520765.423	1674.995	-.2249	-.0000	-24.892	0.0001	00	70983.422	30	70939.534
	47	8522625.268	1673.038	-.2249	-.0000	-24.869	0.0001	00	70895.645	30	70851.755
	48	8524485.115	1671.081	-.2249	-.0000	-24.845	0.0001	00	70807.862	30	70763.969
	49	8526344.964	1669.123	-.2248	-.0000	-24.821	0.0001	00	70720.074	30	70676.177
76	50	8528204.816	1667.164	-.2248	-.0000	-24.798	0.0001	00	70632.279	30	70588.379
	51	8530064.670	1665.205	-.2248	-.0000	-24.774	0.0001	00	70544.478	30	70500.575
	52	8531924.526	1663.246	-.2248	-.0000	-24.750	0.0001	00	70456.671	30	70412.765
	53	8533784.385	1661.285	-.2248	-.0000	-24.727	0.0001	00	70368.858	30	70324.949
	54	8535644.247	1659.324	-.2248	-.0000	-24.703	0.0001	00	70281.039	30	70237.127
76	55	8537504.110	1657.363	-.2248	-.0000	-24.679	0.0001	00	70193.214	30	70149.299
	56	8539363.977	1655.401	-.2248	-.0000	-24.655	0.0001	00	70105.383	30	70061.465
	57	8541223.845	1653.438	-.2247	-.0000	-24.631	0.0001	00	70017.545	30	69973.625
	58	8543083.716	1651.475	-.2247	-.0000	-24.607	0.0001	00	69929.702	30	69885.778
	59	8544943.590	1649.512	-.2247	-.0000	-24.583	0.0001	00	69841.853	30	69797.926
77	00	8546803.465	1647.547	-.2247	-.0000	-24.559	0.0002	00	69753.997	30	69710.068

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
77	0	8546803.465	1647.547	-.2247	-.0000	-24.559	0.0002	00	69753.997	30	69710.068
	1	8548663.344	1645.583	-.2247	-.0000	-24.536	0.0002	00	69666.136	30	69622.203
	2	8550523.224	1643.617	-.2246	-.0000	-24.512	0.0002	00	69578.269	30	69534.333
	3	8552383.107	1641.651	-.2246	-.0000	-24.487	0.0002	00	69490.395	30	69446.456
	4	8554242.993	1639.685	-.2246	-.0000	-24.463	0.0002	00	69402.516	30	69358.574
77	5	8556102.880	1637.718	-.2246	-.0000	-24.439	0.0002	00	69314.631	30	69270.686
	6	8557962.771	1635.750	-.2245	-.0000	-24.415	0.0002	00	69226.739	30	69182.792
	7	8559822.663	1633.782	-.2245	-.0000	-24.391	0.0002	00	69138.842	30	69094.891
	8	8561682.558	1631.813	-.2245	-.0000	-24.367	0.0002	00	69050.939	30	69006.985
	9	8563542.455	1629.844	-.2245	-.0000	-24.343	0.0002	00	68963.030	30	68919.073
77	10	8565402.355	1627.874	-.2244	-.0000	-24.318	0.0002	00	68875.115	30	68831.155
	11	8567262.257	1625.904	-.2244	-.0000	-24.294	0.0002	00	68787.193	30	68743.231
	12	8569122.161	1623.933	-.2244	-.0000	-24.270	0.0002	00	68699.266	30	68655.301
	13	8570982.068	1621.962	-.2243	-.0000	-24.246	0.0002	00	68611.334	30	68567.365
	14	8572841.977	1619.990	-.2243	-.0000	-24.221	0.0003	00	68523.395	30	68479.423
77	15	8574701.889	1618.017	-.2243	-.0000	-24.197	0.0003	00	68435.450	30	68391.475
	16	8576561.803	1616.044	-.2242	-.0000	-24.173	0.0003	00	68347.499	30	68303.522
	17	8578421.719	1614.070	-.2242	-.0000	-24.148	0.0003	00	68259.543	30	68215.562
	18	8580281.637	1612.096	-.2241	-.0000	-24.124	0.0003	00	68171.580	30	68127.597
	19	8582141.558	1610.121	-.2241	-.0000	-24.099	0.0003	00	68083.612	30	68039.626
77	20	8584001.481	1608.146	-.2241	-.0000	-24.075	0.0003	00	67995.638	30	67951.649
	21	8585861.407	1606.170	-.2240	-.0000	-24.050	0.0003	00	67907.658	30	67863.666
	22	8587721.335	1604.194	-.2240	-.0000	-24.026	0.0003	00	67819.672	30	67775.677
	23	8589581.265	1602.217	-.2239	-.0000	-24.001	0.0003	00	67731.680	30	67687.682
	24	8591441.198	1600.239	-.2239	-.0000	-23.976	0.0003	00	67643.683	30	67599.682
77	25	8593301.133	1598.261	-.2239	-.0000	-23.952	0.0003	00	67555.679	30	67511.675
	26	8595161.070	1596.283	-.2238	-.0000	-23.927	0.0003	00	67467.670	30	67423.663
	27	8597021.009	1594.303	-.2238	-.0000	-23.902	0.0003	00	67379.655	30	67335.645
	28	8598880.951	1592.324	-.2237	-.0000	-23.878	0.0003	00	67291.634	30	67247.621
	29	8600740.895	1590.344	-.2237	-.0000	-23.853	0.0003	00	67203.607	30	67159.592
77	30	8602600.842	1588.363	-.2236	-.0000	-23.828	0.0004	00	67115.575	30	67071.557
	31	8604460.791	1585.381	-.2236	-.0000	-23.803	0.0004	00	67027.537	30	66983.515
	32	8606320.742	1584.400	-.2235	-.0000	-23.779	0.0004	00	66939.493	30	66895.469
	33	8608180.695	1582.417	-.2235	-.0000	-23.754	0.0004	00	66851.443	30	66807.416
	34	8610040.651	1580.434	-.2234	-.0000	-23.729	0.0004	00	66763.387	30	66719.357
77	35	8611900.609	1578.451	-.2234	-.0000	-23.704	0.0004	00	66675.326	30	66631.293
	36	8613760.569	1576.467	-.2233	-.0000	-23.679	0.0004	00	66587.259	30	66543.223
	37	8615620.532	1574.482	-.2233	-.0000	-23.654	0.0004	00	66499.186	30	66455.148
	38	8617480.497	1572.497	-.2232	-.0000	-23.629	0.0004	00	66411.108	30	66367.066
	39	8619340.464	1570.512	-.2231	-.0000	-23.604	0.0004	00	66323.023	30	66278.979
77	40	8621200.433	1568.526	-.2231	-.0000	-23.579	0.0004	00	66234.933	30	66190.886
	41	8623060.405	1566.539	-.2230	-.0000	-23.554	0.0004	00	66146.838	30	66102.788
	42	8624920.379	1564.552	-.2230	-.0000	-23.529	0.0004	00	66058.736	30	66014.683
	43	8626780.355	1562.564	-.2229	-.0000	-23.504	0.0004	00	65970.629	30	65926.574
	44	8628640.334	1560.576	-.2228	-.0000	-23.478	0.0004	00	65882.516	30	65838.458
77	45	8630500.315	1558.587	-.2228	-.0000	-23.453	0.0004	00	65794.398	30	65750.337
	46	8632360.298	1556.598	-.2227	-.0000	-23.428	0.0005	00	65706.274	30	65662.210
	47	8634220.283	1554.608	-.2227	-.0000	-23.403	0.0005	00	65618.144	30	65574.077
	48	8636080.271	1552.618	-.2226	-.0000	-23.378	0.0005	00	65530.009	30	65485.939
	49	8637940.261	1550.627	-.2225	-.0000	-23.352	0.0005	00	65441.867	30	65397.795
77	50	8639800.253	1548.635	-.2225	-.0000	-23.327	0.0005	00	65353.721	30	65309.645
	51	8641660.247	1546.643	-.2224	-.0000	-23.302	0.0005	00	65265.568	30	65221.490
	52	8643520.244	1544.651	-.2223	-.0000	-23.276	0.0005	00	65177.410	30	65133.329
	53	8645380.243	1542.658	-.2222	-.0000	-23.251	0.0005	00	65089.247	30	65045.163
	54	8647240.244	1540.664	-.2222	-.0000	-23.225	0.0005	00	65001.077	30	64956.991
77	55	8649100.247	1538.670	-.2221	-.0000	-23.200	0.0005	00	64912.903	30	64868.813
	56	8650960.253	1536.676	-.2220	-.0000	-23.175	0.0005	00	64824.722	30	64780.630
	57	8652820.261	1534.681	-.2220	-.0000	-23.149	0.0005	00	64736.536	30	64692.441
	58	8654680.271	1532.685	-.2219	-.0000	-23.124	0.0005	00	64648.345	30	64604.247
	59	8656540.283	1530.689	-.2218	-.0000	-23.098	0.0005	00	64560.147	30	64516.047
78	00	8658400.298	1528.692	-.2217	-.0000	-23.072	0.0005	00	64471.945	30	64427.841

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
78	0	8658400.298	1528.692	-.2217	-.0000	-23.072	0.0005	00	64471.945	30	64427.841
	1	8660260.315	1526.695	-.2217	-.0000	-23.047	0.0005	00	64383.736	30	64339.630
	2	8662120.334	1524.697	-.2216	-.0000	-23.021	0.0005	00	64295.522	30	64251.413
	3	8663980.355	1522.699	-.2215	-.0000	-22.996	0.0005	00	64207.303	30	64163.191
	4	8665840.378	1520.700	-.2214	-.0000	-22.970	0.0006	00	64119.078	30	64074.963
78	5	8667700.404	1518.701	-.2213	-.0000	-22.944	0.0006	00	64030.848	30	63986.730
	6	8669560.432	1516.701	-.2213	-.0000	-22.918	0.0006	00	63942.612	30	63898.491
	7	8671420.462	1514.701	-.2212	-.0000	-22.893	0.0006	00	63854.370	30	63810.247
	8	8673280.494	1512.700	-.2211	-.0000	-22.867	0.0006	00	63766.123	30	63721.997
	9	8675140.529	1510.699	-.2210	-.0000	-22.841	0.0006	00	63677.870	30	63633.742
78	10	8677000.565	1508.697	-.2209	-.0000	-22.815	0.0006	00	63589.612	30	63545.481
	11	8678860.604	1506.695	-.2208	-.0000	-22.789	0.0006	00	63501.349	30	63457.215
	12	8680720.645	1504.692	-.2207	-.0000	-22.764	0.0006	00	63413.080	30	63368.943
	13	8682580.688	1502.689	-.2207	-.0000	-22.738	0.0006	00	63324.806	30	63280.666
	14	8684440.734	1500.685	-.2206	-.0000	-22.712	0.0006	00	63236.526	30	63192.384
78	15	8686300.781	1498.680	-.2205	-.0000	-22.686	0.0006	00	63148.240	30	63104.096
	16	8688160.831	1496.675	-.2204	-.0000	-22.660	0.0006	00	63059.950	30	63015.802
	17	8690020.883	1494.670	-.2203	-.0000	-22.634	0.0006	00	62971.653	30	62927.503
	18	8691880.937	1492.664	-.2202	-.0000	-22.608	0.0006	00	62883.352	30	62839.199
	19	8693740.994	1490.658	-.2201	-.0000	-22.582	0.0006	00	62795.045	30	62750.889
78	20	8695601.052	1488.651	-.2200	-.0000	-22.555	0.0006	00	62706.732	30	62662.574
	21	8697461.113	1486.643	-.2199	-.0000	-22.529	0.0006	00	62618.414	30	62574.253
	22	8699321.176	1484.635	-.2198	-.0000	-22.503	0.0007	00	62530.091	30	62485.927
	23	8701181.241	1482.627	-.2197	-.0000	-22.477	0.0007	00	62441.762	30	62397.596
	24	8703041.308	1480.618	-.2196	-.0000	-22.451	0.0007	00	62353.428	30	62309.259
78	25	8704901.377	1478.608	-.2195	-.0000	-22.425	0.0007	00	62265.089	30	62220.917
	26	8706761.448	1476.599	-.2194	-.0000	-22.398	0.0007	00	62176.744	30	62132.569
	27	8708621.522	1474.588	-.2193	-.0000	-22.372	0.0007	00	62088.394	30	62044.216
	28	8710481.598	1472.577	-.2192	-.0000	-22.346	0.0007	00	62000.038	30	61955.858
	29	8712341.676	1470.566	-.2191	-.0000	-22.320	0.0007	00	61911.677	30	61867.495
78	30	8714201.756	1468.554	-.2190	-.0000	-22.293	0.0007	00	61823.311	30	61779.126
	31	8716061.838	1466.541	-.2189	-.0000	-22.267	0.0007	00	61734.939	30	61690.752
	32	8717921.922	1464.528	-.2188	-.0000	-22.240	0.0007	00	61646.562	30	61602.372
	33	8719782.008	1462.515	-.2187	-.0000	-22.214	0.0007	00	61558.180	30	61513.987
	34	8721642.097	1460.501	-.2186	-.0000	-22.188	0.0007	00	61469.793	30	61425.597
78	35	8723502.188	1458.486	-.2185	-.0000	-22.161	0.0007	00	61381.400	30	61337.202
	36	8725362.280	1456.472	-.2184	-.0000	-22.135	0.0007	00	61293.002	30	61248.801
	37	8727222.375	1454.456	-.2183	-.0000	-22.108	0.0007	00	61204.598	30	61160.395
	38	8729082.472	1452.440	-.2182	-.0000	-22.081	0.0007	00	61116.190	30	61071.983
	39	8730942.571	1450.424	-.2180	-.0000	-22.055	0.0007	00	61027.776	30	60983.567
78	40	8732802.673	1448.407	-.2179	-.0000	-22.028	0.0007	00	60939.357	30	60895.145
	41	8734662.776	1446.389	-.2178	-.0000	-22.002	0.0007	00	60850.932	30	60806.718
	42	8736522.882	1444.371	-.2177	-.0000	-21.975	0.0007	00	60762.502	30	60718.286
	43	8738382.989	1442.353	-.2176	-.0000	-21.948	0.0008	00	60674.067	30	60629.848
	44	8740243.099	1440.334	-.2175	-.0000	-21.922	0.0008	00	60585.627	30	60541.405
78	45	8742103.210	1438.315	-.2174	-.0000	-21.895	0.0008	00	60497.182	30	60452.957
	46	8743963.324	1436.295	-.2172	-.0000	-21.868	0.0008	00	60408.731	30	60364.504
	47	8745823.440	1434.275	-.2171	-.0000	-21.841	0.0008	00	60320.275	30	60276.046
	48	8747683.558	1432.254	-.2170	-.0000	-21.815	0.0008	00	60231.814	30	60187.582
	49	8749543.678	1430.232	-.2169	-.0000	-21.788	0.0008	00	60143.348	30	60099.113
78	50	8751403.801	1428.211	-.2168	-.0000	-21.761	0.0008	00	60054.877	30	60010.639
	51	8753263.925	1426.188	-.2166	-.0000	-21.734	0.0008	00	59966.400	30	59922.160
	52	8755124.051	1424.166	-.2165	-.0000	-21.707	0.0008	00	59877.918	30	59833.676
	53	8756984.180	1422.142	-.2164	-.0000	-21.680	0.0008	00	59789.431	30	59745.186
	54	8758844.310	1420.119	-.2163	-.0000	-21.653	0.0008	00	59700.939	30	59656.691
78	55	8760704.443	1418.094	-.2162	-.0000	-21.626	0.0008	00	59612.442	30	59568.192
	56	8762564.577	1416.070	-.2160	-.0000	-21.599	0.0008	00	59523.940	30	59479.687
	57	8764424.714	1414.044	-.2159	-.0000	-21.572	0.0008	00	59435.432	30	59391.177
	58	8766284.853	1412.019	-.2158	-.0000	-21.545	0.0008	00	59346.920	30	59302.661
	59	8768144.993	1409.993	-.2156	-.0000	-21.518	0.0008	00	59258.402	30	59214.141
79	00	8770005.136	1407.966	-.2155	-.0000	-21.491	0.0008	00	59169.879	30	59125.616

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

N1=(I)+(II)P**2+(III)P**4+(A'6)P**6 P=0.0001(LONGITUDE-MC)" E=500000+(IV)P+(V)P**3+(B'5)P**5

LATITUDE		(I)	(II)	(III)	(A'6)	(V)	(B'5)	SEG	(IV)	SEG	(IV)
79	0	8770005.136	1407.966	-.2155	-.0000	-21.491	0.0008	00	59169.879	30	59125.616
	1	8771865.281	1405.939	-.2154	-.0000	-21.464	0.0008	00	59081.351	30	59037.085
	2	8773725.428	1403.911	-.2153	-.0000	-21.437	0.0008	00	58992.818	30	58948.550
	3	8775585.577	1401.883	-.2151	-.0000	-21.410	0.0008	00	58904.280	30	58860.009
	4	8777445.728	1399.855	-.2150	-.0000	-21.383	0.0008	00	58815.737	30	58771.463
79	5	8779305.881	1397.826	-.2149	-.0000	-21.355	0.0008	00	58727.188	30	58682.912
	6	8781166.036	1395.796	-.2147	-.0000	-21.328	0.0009	00	58638.635	30	58594.356
	7	8783026.193	1393.766	-.2146	-.0000	-21.301	0.0009	00	58550.077	30	58505.795
	8	8784886.352	1391.736	-.2144	-.0000	-21.274	0.0009	00	58461.513	30	58417.229
	9	8786746.514	1389.705	-.2143	-.0000	-21.246	0.0009	00	58372.945	30	58328.658
79	10	8788606.677	1387.673	-.2142	-.0000	-21.219	0.0009	00	58284.371	30	58240.082
	11	8790466.842	1385.641	-.2140	-.0000	-21.192	0.0009	00	58195.792	30	58151.501
	12	8792327.009	1383.609	-.2139	-.0000	-21.164	0.0009	00	58107.209	30	58062.915
	13	8794187.179	1381.576	-.2138	-.0000	-21.137	0.0009	00	58018.620	30	57974.324
	14	8796047.350	1379.543	-.2136	-.0000	-21.109	0.0009	00	57930.027	30	57885.728
79	15	8797907.523	1377.509	-.2135	-.0000	-21.082	0.0009	00	57841.428	30	57797.127
	16	8799767.698	1375.475	-.2133	-.0000	-21.055	0.0009	00	57752.824	30	57708.521
	17	8801627.876	1373.440	-.2132	-.0000	-21.027	0.0009	00	57664.216	30	57619.910
	18	8803488.055	1371.405	-.2130	-.0000	-20.999	0.0009	00	57575.602	30	57531.294
	19	8805348.236	1369.370	-.2129	-.0000	-20.972	0.0009	00	57486.984	30	57442.673
79	20	8807208.419	1367.333	-.2127	-.0000	-20.944	0.0009	00	57398.360	30	57354.047
	21	8809068.605	1365.297	-.2126	-.0000	-20.917	0.0009	00	57309.732	30	57265.416
	22	8810928.792	1363.260	-.2125	-.0000	-20.889	0.0009	00	57221.098	30	57176.780
	23	8812788.981	1361.222	-.2123	-.0000	-20.862	0.0009	00	57132.460	30	57088.139
	24	8814649.172	1359.184	-.2122	-.0000	-20.834	0.0009	00	57043.817	30	56999.493
79	25	8816509.365	1357.146	-.2120	-.0000	-20.806	0.0009	00	56955.169	30	56910.843
	26	8818369.560	1355.107	-.2119	-.0000	-20.778	0.0009	00	56866.516	30	56822.187
	27	8820229.758	1353.068	-.2117	-.0000	-20.751	0.0009	00	56777.858	30	56733.527
	28	8822089.957	1351.028	-.2115	-.0000	-20.723	0.0009	00	56689.195	30	56644.862
	29	8823950.158	1348.988	-.2114	-.0000	-20.695	0.0009	00	56600.527	30	56556.191
79	30	8825810.361	1346.947	-.2112	-.0000	-20.667	0.0009	00	56511.854	30	56467.516
	31	8827670.566	1344.906	-.2111	-.0000	-20.640	0.0009	00	56423.177	30	56378.836
	32	8829530.773	1342.864	-.2109	-.0000	-20.612	0.0009	00	56334.495	30	56290.152
	33	8831390.982	1340.822	-.2108	-.0000	-20.584	0.0010	00	56245.807	30	56201.462
	34	8833251.192	1338.780	-.2106	-.0000	-20.556	0.0010	00	56157.115	30	56112.767
79	35	8835111.405	1336.737	-.2105	-.0000	-20.528	0.0010	00	56068.418	30	56024.068
	36	8836971.620	1334.693	-.2103	-.0000	-20.500	0.0010	00	55979.717	30	55935.364
	37	8838831.837	1332.649	-.2101	-.0000	-20.472	0.0010	00	55891.010	30	55846.655
	38	8840692.055	1330.605	-.2100	-.0000	-20.444	0.0010	00	55802.299	30	55757.941
	39	8842552.276	1328.560	-.2098	-.0000	-20.416	0.0010	00	55713.582	30	55669.222
79	40	8844412.498	1326.515	-.2096	-.0000	-20.388	0.0010	00	55624.861	30	55580.499
	41	8846272.723	1324.469	-.2095	-.0000	-20.360	0.0010	00	55536.135	30	55491.771
	42	8848132.949	1322.423	-.2093	-.0000	-20.332	0.0010	00	55447.405	30	55403.038
	43	8849993.177	1320.377	-.2092	-.0000	-20.304	0.0010	00	55358.669	30	55314.300
	44	8851853.407	1318.330	-.2090	-.0000	-20.276	0.0010	00	55269.929	30	55225.557
79	45	8853713.639	1316.282	-.2088	-.0000	-20.248	0.0010	00	55181.184	30	55136.810
	46	8855573.873	1314.234	-.2087	-.0000	-20.219	0.0010	00	55092.435	30	55048.058
	47	8857434.109	1312.186	-.2085	-.0000	-20.191	0.0010	00	55003.680	30	54959.301
	48	8859294.347	1310.137	-.2083	-.0000	-20.163	0.0010	00	54914.921	30	54870.540
	49	8861154.587	1308.088	-.2081	-.0000	-20.135	0.0010	00	54826.157	30	54781.773
79	50	8863014.829	1306.038	-.2080	-.0000	-20.107	0.0010	00	54737.388	30	54693.002
	51	8864875.072	1303.988	-.2078	-.0000	-20.078	0.0010	00	54648.615	30	54604.226
	52	8866735.318	1301.937	-.2076	-.0000	-20.050	0.0010	00	54559.837	30	54515.446
	53	8868595.565	1299.886	-.2075	-.0000	-20.022	0.0010	00	54471.054	30	54426.661
	54	8870455.814	1297.834	-.2073	-.0000	-19.993	0.0010	00	54382.267	30	54337.871
79	55	8872316.065	1295.783	-.2071	-.0000	-19.965	0.0010	00	54293.474	30	54249.076
	56	8874176.318	1293.730	-.2069	-.0000	-19.937	0.0010	00	54204.677	30	54160.277
	57	8876036.573	1291.677	-.2068	-.0000	-19.908	0.0010	00	54115.876	30	54071.473
	58	8877896.830	1289.624	-.2066	-.0000	-19.880	0.0010	00	54027.070	30	53982.665
	59	8879757.089	1287.570	-.2064	-.0000	-19.851	0.0010	00	53938.259	30	53893.852
80	00	8881617.349	1285.516	-.2062	-.0000	-19.823	0.0010	00	53849.443	30	53805.034

TRANSFORMAÇÃO DE COORDENADAS UTM EM GEODÉSICAS

$$\text{LATITUDE} = \text{LAT1} - (\text{VII})\ Q^2 + (\text{VIII})\ Q^4 - (\text{D'6})\ Q^6$$

$$\text{LONGITUDE} = \text{MC} + (\text{IX})\ Q - (\text{X})\ Q^3 + (\text{E'5})\ Q^5$$

LAT1 = ARGUMENTO DA TABELA PARA (I) = N1

HEMISFÉRIO NORTE: N1 = N

HEMISFÉRIO SUL: N1 = 10000000 - N

MERIDIANO CENTRAL (MC) NEGATIVO A OESTE DE GREENWICH

$$Q = 0.000001\ (E - 500000)$$

OBSERVAÇÃO

Nas fórmulas que aparecem no cabeçalho das tabelas, em decorrência das limitações da cadeia de impressão do computador, foram utilizados dois asteriscos (**) como sinal de expoente. Ex.: Q** 5 equivale a Q^5
P** 2 equivale a P^2

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
0	0	0.000	0.0000	0.000	0.00	133.545	0.82	00	32352.1745	30	32352.1748
	1	1842.174	0.7430	0.008	0.00	133.545	0.82	00	32352.1758	30	32352.1775
	2	3684.348	1.4860	0.015	0.00	133.545	0.82	00	32352.1799	30	32352.1830
	3	5526.521	2.2290	0.023	0.00	133.545	0.82	00	32352.1867	30	32352.1911
	4	7368.695	2.9720	0.031	0.00	133.545	0.82	00	32352.1962	30	32352.2020
0	5	9210.869	3.7151	0.038	0.00	133.545	0.82	00	32352.2085	30	32352.2156
	6	11053.043	4.4581	0.046	0.00	133.546	0.82	00	32352.2234	30	32352.2319
	7	12895.217	5.2011	0.053	0.00	133.546	0.82	00	32352.2411	30	32352.2510
	8	14737.390	5.9441	0.061	0.00	133.546	0.82	00	32352.2615	30	32352.2727
	9	16579.564	6.6871	0.069	0.00	133.547	0.82	00	32352.2846	30	32352.2972
0	10	18421.738	7.4301	0.076	0.00	133.547	0.82	00	32352.3104	30	32352.3244
	11	20263.912	8.1731	0.084	0.00	133.548	0.82	00	32352.3390	30	32352.3543
	12	22106.086	8.9162	0.092	0.00	133.549	0.82	00	32352.3703	30	32352.3869
	13	23948.260	9.6592	0.099	0.00	133.549	0.82	00	32352.4043	30	32352.4223
	14	25790.434	10.4022	0.107	0.00	133.550	0.82	00	32352.4410	30	32352.4603
0	15	27632.608	11.1452	0.114	0.00	133.551	0.82	00	32352.4804	30	32352.5011
	16	29474.783	11.8883	0.122	0.00	133.552	0.82	00	32352.5225	30	32352.5446
	17	31316.957	12.6313	0.130	0.00	133.553	0.82	00	32352.5674	30	32352.5909
	18	33159.131	13.3743	0.137	0.00	133.554	0.82	00	32352.6150	30	32352.6398
	19	35001.305	14.1173	0.145	0.00	133.555	0.82	00	32352.6653	30	32352.6915
0	20	36843.480	14.8604	0.153	0.00	133.556	0.82	00	32352.7183	30	32352.7459
	21	38685.654	15.6034	0.160	0.00	133.557	0.82	00	32352.7741	30	32352.8030
	22	40527.829	16.3465	0.168	0.00	133.558	0.82	00	32352.8325	30	32352.8628
	23	42370.003	17.0895	0.175	0.00	133.559	0.82	00	32352.8937	30	32352.9253
	24	44212.178	17.8325	0.183	0.00	133.561	0.82	00	32352.9576	30	32352.9906
0	25	46054.353	18.5756	0.191	0.00	133.562	0.82	00	32353.0242	30	32353.0586
	26	47896.527	19.3186	0.198	0.00	133.563	0.82	00	32353.0936	30	32353.1293
	27	49738.702	20.0617	0.206	0.00	133.565	0.82	00	32353.1656	30	32353.2027
	28	51580.877	20.8047	0.214	0.00	133.566	0.82	00	32353.2404	30	32353.2788
	29	53423.052	21.5478	0.221	0.00	133.568	0.82	00	32353.3179	30	32353.3577
0	30	55265.227	22.2909	0.229	0.00	133.570	0.82	00	32353.3982	30	32353.4393
	31	57107.403	23.0339	0.236	0.00	133.571	0.82	00	32353.4811	30	32353.5236
	32	58949.578	23.7770	0.244	0.00	133.573	0.82	00	32353.5668	30	32353.6106
	33	60791.753	24.5201	0.252	0.00	133.575	0.82	00	32353.6551	30	32353.7003
	34	62633.929	25.2632	0.259	0.00	133.577	0.82	00	32353.7462	30	32353.7928
0	35	64476.105	26.0062	0.267	0.00	133.579	0.82	00	32353.8401	30	32353.8880
	36	66318.280	26.7493	0.275	0.00	133.581	0.82	00	32353.9366	30	32353.9859
	37	68160.456	27.4924	0.282	0.00	133.583	0.82	00	32354.0359	30	32354.0865
	38	70002.632	28.2355	0.290	0.00	133.585	0.82	00	32354.1378	30	32354.1898
	39	71844.808	28.9786	0.297	0.00	133.587	0.82	00	32354.2425	30	32354.2959
0	40	73686.985	29.7217	0.305	0.00	133.589	0.82	00	32354.3500	30	32354.4047
	41	75529.161	30.4648	0.313	0.00	133.591	0.82	00	32354.4601	30	32354.5162
	42	77371.337	31.2079	0.320	0.00	133.594	0.82	00	32354.5730	30	32354.6304
	43	79213.514	31.9511	0.328	0.00	133.596	0.82	00	32354.6885	30	32354.7473
	44	81055.691	32.6942	0.336	0.00	133.599	0.82	00	32354.8068	30	32354.8670
0	45	82897.868	33.4373	0.343	0.00	133.601	0.82	00	32354.9279	30	32354.9894
	46	84740.045	34.1805	0.351	0.00	133.604	0.82	00	32355.0516	30	32355.1145
	47	86582.222	34.9236	0.358	0.00	133.606	0.82	00	32355.1781	30	32355.2423
	48	88424.399	35.6667	0.366	0.00	133.609	0.82	00	32355.3072	30	32355.3728
	49	90266.577	36.4099	0.374	0.00	133.612	0.82	00	32355.4391	30	32355.5061
0	50	92108.754	37.1531	0.381	0.00	133.614	0.82	00	32355.5738	30	32355.6421
	51	93950.932	37.8962	0.389	0.00	133.617	0.82	00	32355.7111	30	32355.7808
	52	95793.110	38.6394	0.397	0.00	133.620	0.82	00	32355.8512	30	32355.9222
	53	97635.288	39.3826	0.404	0.00	133.623	0.82	00	32355.9940	30	32356.0664
	54	99477.466	40.1258	0.412	0.00	133.626	0.82	00	32356.1395	30	32356.2132
0	55	101319.645	40.8689	0.420	0.00	133.629	0.82	00	32356.2877	30	32356.3628
	56	103161.823	41.6121	0.427	0.00	133.632	0.82	00	32356.4386	30	32356.5151
	57	105004.002	42.3553	0.435	0.00	133.635	0.82	00	32356.5923	30	32356.6702
	58	106846.181	43.0986	0.442	0.00	133.638	0.82	00	32356.7487	30	32356.8279
	59	108688.360	43.8418	0.450	0.00	133.642	0.82	00	32356.9078	30	32356.9884
1	00	110530.539	44.5850	0.458	0.00	133.645	0.82	00	32357.0696	30	32357.1516

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
1	0	110530.539	44.5850	0.458	0.00	133.645	0.82	00	32357.0696	30	32357.1516
	1	112372.719	45.3282	0.465	0.00	133.648	0.82	00	32357.2342	30	32357.3175
	2	114214.899	46.0715	0.473	0.00	133.652	0.82	00	32357.4015	30	32357.4861
	3	116057.078	46.8147	0.481	0.00	133.655	0.82	00	32357.5715	30	32357.6575
	4	117899.259	47.5580	0.488	0.00	133.659	0.82	00	32357.7442	30	32357.8316
1	5	119741.439	48.3012	0.496	0.00	133.662	0.82	00	32357.9196	30	32358.0084
	6	121583.619	49.0445	0.503	0.01	133.666	0.82	00	32358.0978	30	32358.1879
	7	123425.800	49.7878	0.511	0.01	133.670	0.82	00	32358.2787	30	32358.3701
	8	125267.981	50.5311	0.519	0.01	133.674	0.82	00	32358.4623	30	32358.5551
	9	127110.162	51.2744	0.526	0.01	133.677	0.82	00	32358.6486	30	32358.7428
1	10	128952.343	52.0177	0.534	0.01	133.681	0.82	00	32358.8376	30	32358.9332
	11	130794.525	52.7610	0.542	0.01	133.685	0.82	00	32359.0294	30	32359.1263
	12	132636.707	53.5043	0.549	0.01	133.689	0.82	00	32359.2239	30	32359.3222
	13	134478.889	54.2476	0.557	0.01	133.693	0.82	00	32359.4211	30	32359.5207
	14	136321.071	54.9910	0.565	0.01	133.697	0.82	00	32359.6210	30	32359.7220
1	15	138163.253	55.7343	0.572	0.01	133.702	0.82	00	32359.8237	30	32359.9261
	16	140005.436	56.4777	0.580	0.01	133.706	0.82	00	32360.0291	30	32360.1328
	17	141847.619	57.2210	0.587	0.01	133.710	0.82	00	32360.2372	30	32360.3423
	18	143689.802	57.9644	0.595	0.01	133.714	0.82	00	32360.4480	30	32360.5545
	19	145531.986	58.7078	0.603	0.01	133.719	0.83	00	32360.6616	30	32360.7694
1	20	147374.169	59.4512	0.610	0.01	133.723	0.83	00	32360.8778	30	32360.9870
	21	149216.353	60.1946	0.618	0.01	133.728	0.83	00	32361.0968	30	32361.2074
	22	151058.537	60.9380	0.626	0.01	133.732	0.83	00	32361.3186	30	32361.4304
	23	152900.722	61.6814	0.633	0.01	133.737	0.83	00	32361.5430	30	32361.6562
	24	154742.907	62.4248	0.641	0.01	133.742	0.83	00	32361.7702	30	32361.8848
1	25	156585.092	63.1683	0.649	0.01	133.746	0.83	00	32362.0000	30	32362.1160
	26	158427.277	63.9117	0.656	0.01	133.751	0.83	00	32362.2327	30	32362.3500
	27	160269.462	64.6552	0.664	0.01	133.756	0.83	00	32362.4680	30	32362.5867
	28	162111.648	65.3987	0.672	0.01	133.761	0.83	00	32362.7060	30	32362.8261
	29	163953.834	66.1421	0.679	0.01	133.766	0.83	00	32362.9468	30	32363.0682
1	30	165796.020	66.8856	0.687	0.01	133.771	0.83	00	32363.1903	30	32363.3131
	31	167638.207	67.6291	0.694	0.01	133.776	0.83	00	32363.4366	30	32363.5607
	32	169480.394	68.3727	0.702	0.01	133.781	0.83	00	32363.6855	30	32363.8110
	33	171322.581	69.1162	0.710	0.01	133.786	0.83	00	32363.9372	30	32364.0641
	34	173164.768	69.8597	0.717	0.01	133.791	0.83	00	32364.1916	30	32364.3198
1	35	175006.956	70.6033	0.725	0.01	133.797	0.83	00	32364.4487	30	32364.5783
	36	176849.144	71.3468	0.733	0.01	133.802	0.83	00	32364.7086	30	32364.8395
	37	178691.333	72.0904	0.740	0.01	133.807	0.83	00	32364.9711	30	32365.1035
	38	180533.521	72.8340	0.748	0.01	133.813	0.83	00	32365.2364	30	32365.3701
	39	182375.710	73.5776	0.756	0.01	133.818	0.83	00	32365.5045	30	32365.6395
1	40	184217.899	74.3212	0.763	0.01	133.824	0.83	00	32365.7752	30	32365.9116
	41	186060.089	75.0648	0.771	0.01	133.829	0.83	00	32366.0487	30	32366.1864
	42	187902.279	75.8085	0.778	0.01	133.835	0.83	00	32366.3249	30	32366.4640
	43	189744.469	76.5521	0.786	0.01	133.841	0.83	00	32366.6038	30	32366.7443
	44	191586.660	77.2958	0.794	0.01	133.847	0.83	00	32366.8855	30	32367.0273
1	45	193428.851	78.0394	0.801	0.01	133.853	0.83	00	32367.1698	30	32367.3130
	46	195271.042	78.7831	0.809	0.01	133.858	0.83	00	32367.4569	30	32367.6015
	47	197113.233	79.5268	0.817	0.01	133.864	0.83	00	32367.7468	30	32367.8927
	48	198955.425	80.2705	0.824	0.01	133.870	0.83	00	32368.0393	30	32368.1866
	49	200797.617	81.0142	0.832	0.01	133.876	0.83	00	32368.3346	30	32368.4832
1	50	202639.810	81.7580	0.840	0.01	133.883	0.83	00	32368.6326	30	32368.7826
	51	204482.003	82.5017	0.847	0.01	133.889	0.83	00	32368.9333	30	32369.0847
	52	206324.196	83.2455	0.855	0.01	133.895	0.83	00	32369.2368	30	32369.3895
	53	208166.390	83.9893	0.863	0.01	133.901	0.83	00	32369.5430	30	32369.6971
	54	210008.584	84.7330	0.870	0.01	133.908	0.83	00	32369.8519	30	32370.0073
1	55	211850.778	85.4768	0.878	0.01	133.914	0.83	00	32370.1635	30	32370.3203
	56	213692.972	86.2207	0.886	0.01	133.921	0.83	00	32370.4779	30	32370.6361
	57	215535.168	86.9645	0.893	0.01	133.927	0.83	00	32370.7950	30	32370.9545
	58	217377.363	87.7083	0.901	0.01	133.934	0.83	00	32371.1148	30	32371.2757
	59	219219.559	88.4522	0.909	0.01	133.940	0.83	00	32371.4373	30	32371.5996
2	00	221061.755	89.1961	0.916	0.01	133.947	0.83	00	32371.7626	30	32371.9262

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
2	0	221061.755	89.1961	0.916	0.01	133.947	0.83	00	32371.7626	30	32371.9262
	1	222903.951	89.9400	0.924	0.01	133.954	0.83	00	32372.0906	30	32372.2556
	2	224746.148	90.6839	0.931	0.01	133.960	0.83	00	32372.4213	30	32372.5877
	3	226588.345	91.4278	0.939	0.01	133.967	0.83	00	32372.7548	30	32372.9225
	4	228430.543	92.1717	0.947	0.01	133.974	0.83	00	32373.0909	30	32373.2601
2	5	230272.741	92.9157	0.954	0.01	133.981	0.83	00	32373.4299	30	32373.6003
	6	232114.939	93.6596	0.962	0.01	133.988	0.83	00	32373.7715	30	32373.9433
	7	233957.138	94.4036	0.970	0.01	133.995	0.83	00	32374.1159	30	32374.2891
	8	235799.338	95.1476	0.977	0.01	134.002	0.83	00	32374.4630	30	32374.6375
	9	237641.537	95.8916	0.985	0.01	134.010	0.83	00	32374.8128	30	32374.9887
2	10	239483.737	96.6356	0.993	0.01	134.017	0.83	00	32375.1653	30	32375.3426
	11	241325.938	97.3797	1.000	0.01	134.024	0.83	00	32375.5206	30	32375.6993
	12	243168.138	98.1237	1.008	0.01	134.032	0.83	00	32375.8786	30	32376.0587
	13	245010.340	98.8678	1.016	0.01	134.039	0.83	00	32376.2394	30	32376.4208
	14	246852.541	99.6119	1.023	0.01	134.046	0.83	00	32376.6028	30	32376.7856
2	15	248694.743	100.3560	1.031	0.01	134.054	0.83	00	32376.9690	30	32377.1532
	16	250536.946	101.1001	1.039	0.01	134.062	0.83	00	32377.3380	30	32377.5235
	17	252379.149	101.8442	1.046	0.01	134.069	0.83	00	32377.7096	30	32377.8965
	18	254221.352	102.5884	1.054	0.01	134.077	0.83	00	32378.0840	30	32378.2722
	19	256063.556	103.3326	1.062	0.01	134.085	0.83	00	32378.4611	30	32378.6507
2	20	257905.760	104.0767	1.069	0.01	134.092	0.83	00	32378.8410	30	32379.0319
	21	259747.965	104.8209	1.077	0.01	134.100	0.83	00	32379.2236	30	32379.4159
	22	261590.170	105.5652	1.085	0.01	134.108	0.83	00	32379.6089	30	32379.8026
	23	263432.375	106.3094	1.092	0.01	134.116	0.83	00	32379.9969	30	32380.1920
	24	265274.581	107.0537	1.100	0.01	134.124	0.83	00	32380.3877	30	32380.5841
2	25	267116.788	107.7979	1.108	0.01	134.132	0.83	00	32380.7812	30	32380.9790
	26	268958.995	108.5422	1.115	0.01	134.141	0.83	00	32381.1774	30	32381.3766
	27	270801.202	109.2865	1.123	0.01	134.149	0.83	00	32381.5764	30	32381.7769
	28	272643.410	110.0309	1.131	0.01	134.157	0.83	00	32381.9781	30	32382.1800
	29	274485.618	110.7752	1.138	0.01	134.165	0.83	00	32382.3825	30	32382.5858
2	30	276327.827	111.5196	1.146	0.01	134.174	0.83	00	32382.7897	30	32382.9943
	31	278170.036	112.2639	1.154	0.01	134.182	0.83	00	32383.1996	30	32383.4055
	32	280012.246	113.0083	1.161	0.01	134.191	0.83	00	32383.6122	30	32383.8195
	33	281854.456	113.7528	1.169	0.01	134.199	0.83	00	32384.0276	30	32384.2363
	34	283696.667	114.4972	1.177	0.01	134.208	0.83	00	32384.4457	30	32384.6557
2	35	285538.878	115.2416	1.184	0.01	134.216	0.83	00	32384.8665	30	32385.0779
	36	287381.089	115.9861	1.192	0.01	134.225	0.83	00	32385.2900	30	32385.5028
	37	289223.301	116.7306	1.200	0.01	134.234	0.83	00	32385.7163	30	32385.9305
	38	291065.514	117.4751	1.207	0.01	134.243	0.83	00	32386.1453	30	32386.3609
	39	292907.727	118.2196	1.215	0.01	134.252	0.83	00	32386.5771	30	32386.7940
2	40	294749.941	118.9642	1.223	0.01	134.261	0.83	00	32387.0116	30	32387.2299
	41	296592.155	119.7088	1.230	0.01	134.270	0.83	00	32387.4488	30	32387.6685
	42	298434.369	120.4533	1.238	0.01	134.279	0.83	00	32387.8888	30	32388.1098
	43	300276.584	121.1980	1.246	0.01	134.288	0.83	00	32388.3315	30	32388.5539
	44	302118.800	121.9426	1.253	0.01	134.297	0.83	00	32388.7769	30	32389.0006
2	45	303961.016	122.6872	1.261	0.01	134.306	0.83	00	32389.2251	30	32389.4502
	46	305803.233	123.4319	1.269	0.01	134.315	0.83	00	32389.6760	30	32389.9024
	47	307645.450	124.1766	1.276	0.01	134.325	0.83	00	32390.1296	30	32390.3574
	48	309487.668	124.9213	1.284	0.01	134.334	0.83	00	32390.5860	30	32390.8152
	49	311329.886	125.6660	1.292	0.01	134.344	0.83	00	32391.0451	30	32391.2757
2	50	313172.104	126.4108	1.299	0.01	134.353	0.83	00	32391.5069	30	32391.7389
	51	315014.324	127.1555	1.307	0.01	134.363	0.83	00	32391.9715	30	32392.2048
	52	316856.543	127.9003	1.315	0.01	134.372	0.83	00	32392.4388	30	32392.6735
	53	318698.764	128.6451	1.322	0.01	134.382	0.84	00	32392.9089	30	32393.1449
	54	320540.985	129.3900	1.330	0.01	134.392	0.84	00	32393.3816	30	32393.6191
2	55	322383.206	130.1348	1.338	0.01	134.402	0.84	00	32393.8572	30	32394.0960
	56	324225.428	130.8797	1.345	0.01	134.411	0.84	00	32394.3354	30	32394.5756
	57	326067.651	131.6246	1.353	0.01	134.421	0.84	00	32394.8164	30	32395.0579
	58	327909.874	132.3695	1.361	0.01	134.431	0.84	00	32395.3002	30	32395.5430
	59	329752.097	133.1144	1.368	0.01	134.441	0.84	00	32395.7866	30	32396.0309
3	00	331594.321	133.8594	1.376	0.01	134.451	0.84	00	32396.2758	30	32396.5215

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
3	0	331594.321	133.8594	1.376	0.01	134.451	0.84	00	32396.2758	30	32396.5215
	1	333436.546	134.6044	1.384	0.01	134.461	0.84	00	32396.7678	30	32397.0148
	2	335278.771	135.3494	1.391	0.01	134.472	0.84	00	32397.2625	30	32397.5108
	3	337120.997	136.0944	1.399	0.01	134.482	0.84	00	32397.7599	30	32398.0096
	4	338963.224	136.8394	1.407	0.01	134.492	0.84	00	32398.2600	30	32398.5112
3	5	340805.451	137.5845	1.415	0.01	134.503	0.84	00	32398.7630	30	32399.0154
	6	342647.678	138.3296	1.422	0.01	134.513	0.84	00	32399.2686	30	32399.5224
	7	344489.906	139.0747	1.430	0.01	134.523	0.84	00	32399.7770	30	32400.0322
	8	346332.135	139.8199	1.438	0.01	134.534	0.84	00	32400.2881	30	32400.5447
	9	348174.365	140.5650	1.445	0.01	134.545	0.84	00	32400.8019	30	32401.0599
3	10	350016.594	141.3102	1.453	0.01	134.555	0.84	00	32401.3185	30	32401.5779
	11	351858.825	142.0554	1.461	0.01	134.566	0.84	00	32401.8379	30	32402.0986
	12	353701.056	142.8006	1.468	0.01	134.577	0.84	00	32402.3600	30	32402.6220
	13	355543.288	143.5459	1.476	0.01	134.587	0.84	00	32402.8848	30	32403.1482
	14	357385.520	144.2912	1.484	0.01	134.598	0.84	00	32403.4123	30	32403.6771
3	15	359227.753	145.0365	1.491	0.02	134.609	0.84	00	32403.9426	30	32404.2088
	16	361069.987	145.7818	1.499	0.02	134.620	0.84	00	32404.4757	30	32404.7432
	17	362912.221	146.5271	1.507	0.02	134.631	0.84	00	32405.0115	30	32405.2804
	18	364754.456	147.2725	1.515	0.02	134.642	0.84	00	32405.5500	30	32405.8203
	19	366596.691	148.0179	1.522	0.02	134.654	0.84	00	32406.0913	30	32406.3629
3	20	368438.927	148.7633	1.530	0.02	134.665	0.84	00	32406.6353	30	32406.9083
	21	370281.164	149.5087	1.538	0.02	134.676	0.84	00	32407.1820	30	32407.4564
	22	372123.401	150.2542	1.545	0.02	134.687	0.84	00	32407.7315	30	32408.0073
	23	373965.639	150.9997	1.553	0.02	134.699	0.84	00	32408.2837	30	32408.5609
	24	375807.877	151.7452	1.561	0.02	134.710	0.84	00	32408.8387	30	32409.1172
3	25	377650.116	152.4908	1.568	0.02	134.722	0.84	00	32409.3964	30	32409.6763
	26	379492.356	153.2363	1.576	0.02	134.733	0.84	00	32409.9569	30	32410.2382
	27	381334.597	153.9819	1.584	0.02	134.745	0.84	00	32410.5201	30	32410.8028
	28	383176.838	154.7275	1.591	0.02	134.756	0.84	00	32411.0861	30	32411.3701
	29	385019.080	155.4732	1.599	0.02	134.768	0.84	00	32411.6548	30	32411.9402
3	30	386861.322	156.2188	1.607	0.02	134.780	0.84	00	32412.2262	30	32412.5130
	31	388703.565	156.9645	1.615	0.02	134.792	0.84	00	32412.8004	30	32413.0885
	32	390545.809	157.7103	1.622	0.02	134.804	0.84	00	32413.3773	30	32413.6668
	33	392388.053	158.4560	1.630	0.02	134.816	0.84	00	32413.9570	30	32414.2479
	34	394230.298	159.2018	1.638	0.02	134.828	0.84	00	32414.5394	30	32414.8317
3	35	396072.544	159.9476	1.645	0.02	134.840	0.84	00	32415.1246	30	32415.4182
	36	397914.790	160.6934	1.653	0.02	134.852	0.84	00	32415.7125	30	32416.0075
	37	399757.037	161.4392	1.661	0.02	134.864	0.84	00	32416.3032	30	32416.5995
	38	401599.285	162.1851	1.669	0.02	134.876	0.84	00	32416.8966	30	32417.1943
	39	403441.533	162.9310	1.676	0.02	134.889	0.84	00	32417.4928	30	32417.7919
3	40	405283.782	163.6769	1.684	0.02	134.901	0.84	00	32418.0917	30	32418.3921
	41	407126.032	164.4229	1.692	0.02	134.913	0.84	00	32418.6933	30	32418.9952
	42	408968.283	165.1689	1.699	0.02	134.926	0.84	00	32419.2977	30	32419.6009
	43	410810.534	165.9149	1.707	0.02	134.938	0.84	00	32419.9048	30	32420.2094
	44	412652.786	166.6609	1.715	0.02	134.951	0.84	00	32420.5147	30	32420.8207
3	45	414495.038	167.4070	1.723	0.02	134.964	0.84	00	32421.1274	30	32421.4347
	46	416337.292	168.1530	1.730	0.02	134.976	0.84	00	32421.7428	30	32422.0515
	47	418179.546	168.8992	1.738	0.02	134.989	0.84	00	32422.3609	30	32422.6710
	48	420021.800	169.6453	1.746	0.02	135.002	0.84	00	32422.9818	30	32423.2933
	49	421864.056	170.3915	1.753	0.02	135.015	0.84	00	32423.6054	30	32423.9183
3	50	423706.312	171.1377	1.761	0.02	135.028	0.84	00	32424.2318	30	32424.5460
	51	425548.569	171.8839	1.769	0.02	135.041	0.85	00	32424.8609	30	32425.1765
	52	427390.826	172.6302	1.777	0.02	135.054	0.85	00	32425.4928	30	32425.8098
	53	429233.084	173.3764	1.784	0.02	135.067	0.85	00	32426.1275	30	32426.4458
	54	431075.343	174.1228	1.792	0.02	135.080	0.85	00	32426.7649	30	32427.0846
3	55	432917.603	174.8691	1.800	0.02	135.093	0.85	00	32427.4050	30	32427.7261
	56	434759.864	175.6155	1.807	0.02	135.106	0.85	00	32428.0479	30	32428.3704
	57	436602.125	176.3619	1.815	0.02	135.120	0.85	00	32428.6935	30	32429.0174
	58	438444.387	177.1083	1.823	0.02	135.133	0.85	00	32429.3419	30	32429.6671
	59	440286.649	177.8547	1.831	0.02	135.147	0.85	00	32429.9931	30	32430.3197
4	00	442128.913	178.6012	1.838	0.02	135.160	0.85	00	32430.6470	30	32430.9749

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
4	0	442128.913	178.6012	1.838	C.02	135.160	0.85	00	32430.6470	30	32430.9749
	1	443971.177	179.3477	1.846	0.02	135.174	0.85	00	32431.3036	30	32431.6330
	2	445813.442	180.0943	1.854	0.02	135.187	0.85	00	32431.9630	30	32432.2937
	3	447655.707	180.8409	1.862	C.02	135.201	0.85	00	32432.6252	30	32432.9573
	4	449497.974	181.5875	1.869	C.02	135.215	0.85	00	32433.2901	30	32433.6236
4	5	451340.241	182.3341	1.877	C.02	135.228	0.85	00	32433.9577	30	32434.2926
	6	453182.509	183.0807	1.885	C.02	135.242	0.85	00	32434.6282	30	32434.9644
	7	455024.778	183.8274	1.892	C.02	135.256	0.85	00	32435.3013	30	32435.6389
	8	456867.047	184.5742	1.900	0.02	135.270	0.85	00	32435.9773	30	32436.3162
	9	458709.318	185.3209	1.908	C.02	135.284	0.85	00	32436.6559	30	32436.9963
4	10	460551.589	186.0677	1.916	C.02	135.298	0.85	00	32437.3374	30	32437.6791
	11	462393.860	186.8145	1.923	C.02	135.312	0.85	00	32438.0216	30	32438.3647
	12	464236.133	187.5613	1.931	C.02	135.327	0.85	00	32438.7085	30	32439.0530
	13	466078.406	188.3082	1.939	C.02	135.341	0.85	00	32439.3982	30	32439.7441
	14	467920.681	189.0551	1.947	0.02	135.355	0.85	00	32440.0907	30	32440.4379
4	15	469762.956	189.8021	1.954	C.02	135.370	0.85	00	32440.7859	30	32441.1345
	16	471605.231	190.5490	1.962	C.02	135.384	0.85	00	32441.4839	30	32441.8339
	17	473447.508	191.2960	1.970	C.02	135.398	0.85	00	32442.1846	30	32442.5360
	18	475289.785	192.0430	1.978	0.02	135.413	0.85	00	32442.8881	30	32443.2409
	19	477132.064	192.7901	1.985	0.02	135.428	0.85	00	32443.5943	30	32443.9485
4	20	478974.343	193.5372	1.993	C.02	135.442	0.85	00	32444.3033	30	32444.6589
	21	480816.622	194.2843	2.001	0.02	135.457	0.85	00	32445.0151	30	32445.3720
	22	482658.903	195.0315	2.009	C.02	135.472	0.85	00	32445.7296	30	32446.0879
	23	484501.184	195.7787	2.016	C.02	135.487	0.85	00	32446.4469	30	32446.8066
	24	486343.467	196.5259	2.024	C.02	135.501	0.85	00	32447.1669	30	32447.5280
4	25	488185.750	197.2731	2.032	C.02	135.516	0.85	00	32447.8897	30	32448.2522
	26	490028.034	198.0204	2.040	0.02	135.531	0.85	00	32448.6153	30	32448.9791
	27	491870.318	198.7677	2.047	C.02	135.546	0.85	00	32449.3436	30	32449.7088
	28	493712.604	199.5151	2.055	0.02	135.562	0.85	00	32450.0747	30	32450.4413
	29	495554.890	200.2624	2.063	C.02	135.577	0.85	00	32450.8085	30	32451.1765
4	30	497397.178	201.0099	2.071	C.02	135.592	0.85	00	32451.5451	30	32451.9145
	31	499239.466	201.7573	2.078	C.02	135.607	0.85	00	32452.2845	30	32452.6552
	32	501081.755	202.5048	2.086	0.02	135.623	0.85	00	32453.0266	30	32453.3987
	33	502924.044	203.2523	2.094	0.02	135.638	0.85	00	32453.7715	30	32454.1450
	34	504766.335	203.9998	2.102	C.02	135.653	0.85	00	32454.5192	30	32454.8940
4	35	506608.626	204.7474	2.109	C.02	135.669	0.85	00	32455.2696	30	32455.6458
	36	508450.919	205.4950	2.117	C.02	135.685	0.85	00	32456.0228	30	32456.4004
	37	510293.212	206.2427	2.125	0.02	135.700	0.86	00	32456.7787	30	32457.1577
	38	512135.506	206.9904	2.133	C.02	135.716	0.86	00	32457.5374	30	32457.9178
	39	513977.801	207.7381	2.140	0.02	135.732	0.86	00	32458.2989	30	32458.6806
4	40	515820.097	208.4858	2.148	C.02	135.747	0.86	00	32459.0631	30	32459.4462
	41	517662.393	209.2336	2.156	C.02	135.763	0.86	00	32459.8301	30	32460.2146
	42	519504.691	209.9814	2.164	C.02	135.779	0.86	00	32460.5999	30	32460.9858
	43	521346.989	210.7293	2.171	C.02	135.795	0.86	00	32461.3724	30	32461.7597
	44	523189.289	211.4771	2.179	0.02	135.811	0.86	00	32462.1477	30	32462.5364
4	45	525031.589	212.2251	2.187	C.02	135.827	0.86	00	32462.9257	30	32463.3158
	46	526873.890	212.9730	2.195	C.02	135.844	0.86	00	32463.7066	30	32464.0980
	47	528716.192	213.7210	2.203	0.02	135.860	0.86	00	32464.4902	30	32464.8830
	48	530558.495	214.4690	2.210	C.02	135.876	0.86	00	32465.2765	30	32465.6707
	49	532400.799	215.2171	2.218	C.02	135.892	0.86	00	32466.0656	30	32466.4612
4	50	534243.103	215.9652	2.226	C.02	135.909	0.86	00	32466.8575	30	32467.2545
	51	536085.409	216.7133	2.234	0.02	135.925	0.86	00	32467.6522	30	32468.0506
	52	537927.715	217.4615	2.241	C.02	135.942	0.86	00	32468.4496	30	32468.8494
	53	539770.023	218.2097	2.249	0.02	135.958	0.86	00	32469.2498	30	32469.6510
	54	541612.331	218.9579	2.257	C.02	135.975	0.86	00	32470.0528	30	32470.4553
4	55	543454.640	219.7062	2.265	C.02	135.992	0.86	00	32470.8585	30	32471.2624
	56	545296.950	220.4545	2.273	C.02	136.008	0.86	00	32471.6670	30	32472.0723
	57	547139.261	221.2028	2.280	0.02	136.025	0.86	00	32472.4783	30	32472.8850
	58	548981.573	221.9512	2.288	0.02	136.042	0.86	00	32473.2924	30	32473.7004
	59	550823.886	222.6996	2.296	C.02	136.059	0.86	00	32474.1092	30	32474.5186
5	00	552666.200	223.4481	2.304	C.02	136.076	0.86	00	32474.9288	30	32475.3396

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-5000CO) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
5	0	552666.200	223.4481	2.304	C.02	136.076	0.86	00	32474.9288	30	32475.3396
	1	554508.515	224.1966	2.311	C.02	136.093	0.86	00	32475.7511	30	32476.1634
	2	556350.831	224.9451	2.319	C.02	136.110	0.86	00	32476.5763	30	32476.9899
	3	558193.147	225.6936	2.327	C.02	136.127	0.86	00	32477.4042	30	32477.8192
	4	560035.465	226.4422	2.335	C.02	136.144	0.86	00	32478.2349	30	32478.6512
5	5	561877.783	227.1909	2.343	C.02	136.162	0.86	00	32479.0683	30	32479.4861
	6	563720.103	227.9396	2.350	C.02	136.179	0.86	00	32479.9045	30	32480.3237
	7	565562.423	228.6883	2.358	C.02	136.196	0.86	00	32480.7435	30	32481.1641
	8	567404.745	229.4370	2.366	C.02	136.214	0.86	00	32481.5853	30	32482.0072
	9	569247.067	230.1858	2.374	C.02	136.231	0.86	00	32482.4299	30	32482.8532
5	10	571089.390	230.9346	2.382	0.02	136.249	0.86	00	32483.2772	30	32483.7019
	11	572931.715	231.6835	2.389	C.02	136.266	0.86	00	32484.1273	30	32484.5534
	12	574774.040	232.4324	2.397	C.02	136.284	0.86	00	32484.9802	30	32485.4076
	13	576616.366	233.1813	2.405	C.02	136.302	0.86	00	32485.8358	30	32486.2647
	14	578458.693	233.9303	2.413	0.02	136.320	0.86	00	32486.6942	30	32487.1245
5	15	580301.022	234.6793	2.421	C.02	136.338	0.86	00	32487.5554	30	32487.9871
	16	582143.351	235.4284	2.428	C.02	136.355	0.87	00	32488.4194	30	32488.8525
	17	583985.681	236.1775	2.436	C.02	136.373	0.87	00	32489.2862	30	32489.7206
	18	585828.012	236.9266	2.444	C.02	136.391	0.87	00	32490.1557	30	32490.5915
	19	587670.344	237.6758	2.452	0.02	136.410	0.87	00	32491.0280	30	32491.4652
5	20	589512.677	238.4250	2.460	C.02	136.428	0.87	00	32491.9031	30	32492.3417
	21	591355.011	239.1742	2.467	0.02	136.446	0.87	00	32492.7810	30	32493.2210
	22	593197.346	239.9235	2.475	0.03	136.464	0.87	00	32493.6616	30	32494.1030
	23	595039.683	240.6728	2.483	C.03	136.483	0.87	00	32494.5451	30	32494.9878
	24	596882.020	241.4222	2.491	C.03	136.501	0.87	00	32495.4313	30	32495.8754
5	25	598724.358	242.1716	2.499	C.03	136.519	0.87	00	32496.3203	30	32496.7658
	26	600566.697	242.9210	2.506	0.03	136.538	0.87	00	32497.2120	30	32497.6590
	27	602409.037	243.6705	2.514	C.03	136.556	0.87	00	32498.1066	30	32498.5549
	28	604251.378	244.4201	2.522	0.03	136.575	0.87	00	32499.0039	30	32499.4536
	29	606093.720	245.1696	2.530	C.03	136.594	0.87	00	32499.9040	30	32500.3551
5	30	607936.064	245.9192	2.538	C.03	136.612	0.87	00	32500.8069	30	32501.2594
	31	609778.408	246.6689	2.545	C.03	136.631	0.87	00	32501.7126	30	32502.1665
	32	611620.753	247.4186	2.553	0.03	136.650	0.87	00	32502.6211	30	32503.0763
	33	613463.100	248.1683	2.561	0.03	136.669	0.87	00	32503.5323	30	32503.9890
	34	615305.447	248.9180	2.569	C.03	136.688	0.87	00	32504.4463	30	32504.9044
5	35	617147.795	249.6679	2.577	C.03	136.707	0.87	00	32505.3632	30	32505.8226
	36	618990.145	250.4177	2.585	0.03	136.726	0.87	00	32506.2828	30	32506.7436
	37	620832.495	251.1676	2.592	C.03	136.745	0.87	00	32507.2051	30	32507.6674
	38	622674.847	251.9175	2.600	C.03	136.764	0.87	00	32508.1303	30	32508.5939
	39	624517.199	252.6675	2.608	0.03	136.784	0.87	00	32509.0583	30	32509.5233
5	40	626359.553	253.4175	2.616	C.03	136.803	0.87	00	32509.9890	30	32510.4554
	41	628201.908	254.1676	2.624	C.03	136.822	0.87	00	32510.9225	30	32511.3903
	42	630044.263	254.9177	2.632	0.03	136.842	0.87	00	32511.8588	30	32512.3280
	43	631886.620	255.6678	2.639	C.03	136.861	0.87	00	32512.7979	30	32513.2685
	44	633728.978	256.4180	2.647	0.03	136.881	0.87	00	32513.7398	30	32514.2118
5	45	635571.337	257.1682	2.655	C.03	136.901	0.87	00	32514.6845	30	32515.1579
	46	637413.697	257.9185	2.663	C.03	136.920	0.87	00	32515.6320	30	32516.1068
	47	639256.058	258.6688	2.671	0.03	136.940	0.87	00	32516.5822	30	32517.0584
	48	641098.420	259.4191	2.679	C.03	136.960	0.87	00	32517.5353	30	32518.0128
	49	642940.783	260.1695	2.686	0.03	136.980	0.87	00	32518.4911	30	32518.9701
5	50	644783.148	260.9200	2.694	C.03	137.000	0.87	00	32519.4497	30	32519.9301
	51	646625.513	261.6704	2.702	C.03	137.020	0.88	00	32520.4112	30	32520.8929
	52	648467.880	262.4210	2.710	0.03	137.040	0.88	00	32521.3754	30	32521.8585
	53	650310.247	263.1715	2.718	0.03	137.060	0.88	00	32522.3424	30	32522.8269
	54	652152.616	263.9221	2.726	C.03	137.080	0.88	00	32523.3122	30	32523.7981
5	55	653994.986	264.6728	2.733	C.03	137.100	0.88	00	32524.2847	30	32524.7721
	56	655837.357	265.4235	2.741	0.03	137.120	0.88	00	32525.2601	30	32525.7488
	57	657679.729	266.1742	2.749	C.03	137.141	0.88	00	32526.2383	30	32526.7284
	58	659522.102	266.9250	2.757	0.03	137.161	0.88	00	32527.2192	30	32527.7108
	59	661364.476	267.6758	2.765	C.03	137.182	0.88	00	32528.2030	30	32528.6959
6	00	663206.851	268.4267	2.773	0.03	137.202	0.88	00	32529.1895	30	32529.6839

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
6	0	663206.851	268.4267	2.773	0.03	137.202	0.88	00	32529.1895	30	32529.6839
	1	665049.228	269.1776	2.781	0.03	137.223	0.88	00	32530.1789	30	32530.6746
	2	666891.606	269.9286	2.788	0.03	137.243	0.88	00	32531.1710	30	32531.6682
	3	668733.984	270.6796	2.796	0.03	137.264	0.88	00	32532.1660	30	32532.6645
	4	670576.364	271.4306	2.804	0.03	137.285	0.88	00	32533.1637	30	32533.6636
6	5	672418.745	272.1817	2.812	0.03	137.306	0.88	00	32534.1642	30	32534.6655
	6	674261.127	272.9328	2.820	0.03	137.327	0.88	00	32535.1676	30	32535.6703
	7	676103.510	273.6840	2.828	0.03	137.347	0.88	00	32536.1737	30	32536.6778
	8	677945.895	274.4352	2.836	0.03	137.368	0.88	00	32537.1826	30	32537.6881
	9	679788.280	275.1865	2.844	0.03	137.389	0.88	00	32538.1943	30	32538.7012
6	10	681630.667	275.9378	2.851	0.03	137.411	0.88	00	32539.2088	30	32539.7172
	11	683473.055	276.6892	2.859	0.03	137.432	0.88	00	32540.2262	30	32540.7359
	12	685315.444	277.4406	2.867	0.03	137.453	0.88	00	32541.2463	30	32541.7574
	13	687157.834	278.1920	2.875	0.03	137.474	0.88	00	32542.2692	30	32542.7817
	14	689000.225	278.9435	2.883	0.03	137.496	0.88	00	32543.2949	30	32543.8088
6	15	690842.618	279.6951	2.891	0.03	137.517	0.88	00	32544.3234	30	32544.8387
	16	692685.011	280.4467	2.899	0.03	137.539	0.88	00	32545.3548	30	32545.8715
	17	694527.406	281.1983	2.906	0.03	137.560	0.88	00	32546.3889	30	32546.9070
	18	696369.802	281.9500	2.914	0.03	137.582	0.88	00	32547.4258	30	32547.9453
	19	698212.199	282.7017	2.922	0.03	137.603	0.88	00	32548.4655	30	32548.9864
6	20	700054.598	283.4535	2.930	0.03	137.625	0.88	00	32549.5081	30	32550.0304
	21	701896.997	284.2053	2.938	0.03	137.647	0.88	00	32550.5534	30	32551.0771
	22	703739.398	284.9572	2.946	0.03	137.669	0.89	00	32551.6015	30	32552.1267
	23	705581.800	285.7091	2.954	0.03	137.691	0.89	00	32552.6525	30	32553.1790
	24	707424.203	286.4611	2.962	0.03	137.713	0.89	00	32553.7062	30	32554.2342
6	25	709266.607	287.2131	2.970	0.03	137.735	0.89	00	32554.7628	30	32555.2921
	26	711109.013	287.9651	2.977	0.03	137.757	0.89	00	32555.8221	30	32556.3529
	27	712951.419	288.7172	2.985	0.03	137.779	0.89	00	32556.8843	30	32557.4164
	28	714793.827	289.4694	2.993	0.03	137.801	0.89	00	32557.9493	30	32558.4828
	29	716636.236	290.2216	3.001	0.03	137.823	0.89	00	32559.0171	30	32559.5520
6	30	718478.646	290.9738	3.009	0.03	137.845	0.89	00	32560.0876	30	32560.6240
	31	720321.058	291.7261	3.017	0.03	137.868	0.89	00	32561.1610	30	32561.6988
	32	722163.470	292.4785	3.025	0.03	137.890	0.89	00	32562.2372	30	32562.7764
	33	724005.884	293.2309	3.033	0.03	137.913	0.89	00	32563.3163	30	32563.8568
	34	725848.299	293.9833	3.041	0.03	137.935	0.89	00	32564.3981	30	32564.9400
6	35	727690.716	294.7358	3.048	0.03	137.958	0.89	00	32565.4827	30	32566.0261
	36	729533.133	295.4883	3.056	0.03	137.981	0.89	00	32566.5702	30	32567.1149
	37	731375.552	296.2409	3.064	0.03	138.003	0.89	00	32567.6604	30	32568.2066
	38	733217.972	296.9936	3.072	0.03	138.026	0.89	00	32568.7535	30	32569.3011
	39	735060.394	297.7463	3.080	0.03	138.049	0.89	00	32569.8494	30	32570.3983
6	40	736902.816	298.4990	3.088	0.03	138.072	0.89	00	32570.9480	30	32571.4984
	41	738745.240	299.2518	3.096	0.03	138.095	0.89	00	32572.0495	30	32572.6014
	42	740587.665	300.0046	3.104	0.03	138.118	0.89	00	32573.1539	30	32573.7071
	43	742430.091	303.7575	3.112	0.03	138.141	0.89	00	32574.2610	30	32574.8156
	44	744272.518	301.5104	3.120	0.03	138.164	0.89	00	32575.3709	30	32575.9270
6	45	746114.947	302.2634	3.128	0.03	138.187	0.89	00	32576.4837	30	32577.0411
	46	747957.377	303.0164	3.136	0.03	138.211	0.89	00	32577.5993	30	32578.1581
	47	749799.808	303.7695	3.143	0.03	138.234	0.89	00	32578.7177	30	32579.2779
	48	751642.241	304.5226	3.151	0.03	138.258	0.89	00	32579.8389	30	32580.4005
	49	753484.675	305.2758	3.159	0.03	138.281	0.89	00	32580.9629	30	32581.5260
6	50	755327.110	306.0290	3.167	0.03	138.304	0.90	00	32582.0897	30	32582.6542
	51	757169.546	306.7823	3.175	0.03	138.328	0.90	00	32583.2194	30	32583.7853
	52	759011.984	307.5357	3.183	0.03	138.352	0.90	00	32584.3519	30	32584.9192
	53	760854.423	308.2890	3.191	0.03	138.375	0.90	00	32585.4872	30	32586.0559
	54	762696.863	309.0425	3.199	0.03	138.399	0.90	00	32586.6253	30	32587.1954
6	55	764539.304	309.7960	3.207	0.03	138.423	0.90	00	32587.7662	30	32588.3377
	56	766381.747	310.5495	3.215	0.03	138.447	0.90	00	32588.9100	30	32589.4829
	57	768224.191	311.3031	3.223	0.03	138.471	0.90	00	32590.0565	30	32590.6309
	58	770066.636	312.0567	3.231	0.03	138.495	0.90	00	32591.2059	30	32591.7817
	59	771909.083	312.8104	3.239	0.03	138.519	0.90	00	32592.3581	30	32592.9353
7	00	773751.531	313.5641	3.247	0.03	138.543	0.90	00	32593.5132	30	32594.0918

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
7	0	773751.531	313.5641	3.247	0.03	138.543	0.90	00	32593.5132	30	32594.0918
	1	775593.980	314.3179	3.254	0.03	138.567	0.90	00	32594.6710	30	32595.2510
	2	777436.431	315.0718	3.262	0.03	138.592	0.90	00	32595.8317	30	32596.4131
	3	779278.882	315.8257	3.270	0.03	138.616	0.90	00	32596.9952	30	32597.5781
	4	781121.335	316.5796	3.278	0.03	138.640	0.90	00	32598.1616	30	32598.7458
7	5	782963.790	317.3336	3.286	0.03	138.665	0.90	00	32599.3307	30	32599.9164
	6	784806.246	318.0877	3.294	0.03	138.689	0.90	00	32600.5027	30	32601.0898
	7	786648.703	318.8418	3.302	0.03	138.714	0.90	00	32601.6775	30	32602.2660
	8	788491.161	319.5959	3.310	0.03	138.738	0.90	00	32602.8552	30	32603.4450
	9	790333.621	320.3502	3.318	0.03	138.763	0.90	00	32604.0356	30	32604.6269
7	10	792176.082	321.1044	3.326	0.03	138.788	0.90	00	32605.2189	30	32605.8116
	11	794018.544	321.8587	3.334	0.03	138.813	0.90	00	32606.4050	30	32606.9991
	12	795861.008	322.6131	3.342	0.03	138.837	0.90	00	32607.5940	30	32608.1895
	13	797703.473	323.3675	3.350	0.03	138.862	0.90	00	32608.7857	30	32609.3827
	14	799545.940	324.1220	3.358	0.03	138.887	0.90	00	32609.9803	30	32610.5787
7	15	801388.407	324.8765	3.366	0.03	138.912	0.90	00	32611.1778	30	32611.7775
	16	803230.876	325.6311	3.374	0.03	138.938	0.90	00	32612.3780	30	32612.9792
	17	805073.347	326.3858	3.382	0.03	138.963	0.91	00	32613.5811	30	32614.1837
	18	806915.819	327.1405	3.390	0.03	138.988	0.91	00	32614.7871	30	32615.3911
	19	808758.292	327.8952	3.398	0.03	139.013	0.91	00	32615.9958	30	32616.6012
7	20	810600.766	328.6500	3.406	0.03	139.039	0.91	00	32617.2074	30	32617.8143
	21	812443.242	329.4049	3.414	0.03	139.064	0.91	00	32618.4218	30	32619.0301
	22	814285.720	330.1598	3.422	0.03	139.090	0.91	00	32619.6391	30	32620.2488
	23	816128.198	330.9147	3.430	0.03	139.115	0.91	00	32620.8592	30	32621.4703
	24	817970.678	331.6698	3.438	0.04	139.141	0.91	00	32622.0821	30	32622.6946
7	25	819813.160	332.4248	3.445	0.04	139.166	0.91	00	32623.3078	30	32623.9218
	26	821655.642	333.1800	3.453	0.04	139.192	0.91	00	32624.5364	30	32625.1518
	27	823498.126	333.9351	3.461	0.04	139.218	0.91	00	32625.7679	30	32626.3846
	28	825340.612	334.6904	3.469	0.04	139.244	0.91	00	32627.0021	30	32627.6203
	29	827183.099	335.4457	3.477	0.04	139.270	0.91	00	32628.2392	30	32628.8588
7	30	829025.587	336.2010	3.485	0.04	139.296	0.91	00	32629.4792	30	32630.1002
	31	830868.077	336.9564	3.493	0.04	139.322	0.91	00	32630.7220	30	32631.3444
	32	832710.568	337.7119	3.501	0.04	139.348	0.91	00	32631.9676	30	32632.5914
	33	834553.060	338.4674	3.509	0.04	139.374	0.91	00	32633.2160	30	32633.8413
	34	836395.554	339.2230	3.517	0.04	139.400	0.91	00	32634.4673	30	32635.0940
7	35	838238.050	339.9786	3.525	0.04	139.426	0.91	00	32635.7215	30	32636.3496
	36	840080.546	340.7343	3.533	0.04	139.453	0.91	00	32636.9784	30	32637.6080
	37	841923.044	341.4900	3.541	0.04	139.479	0.91	00	32638.2383	30	32638.8692
	38	843765.544	342.2458	3.549	0.04	139.506	0.91	00	32639.5009	30	32640.1333
	39	845608.045	343.0017	3.557	0.04	139.532	0.91	00	32640.7664	30	32641.4002
7	40	847450.547	343.7576	3.565	0.04	139.559	0.91	00	32642.0348	30	32642.6700
	41	849293.051	344.5136	3.573	0.04	139.585	0.91	00	32643.3060	30	32643.9426
	42	851135.556	345.2696	3.581	0.04	139.612	0.92	00	32644.5800	30	32645.2181
	43	852978.063	346.0257	3.589	0.04	139.639	0.92	00	32645.8569	30	32646.4964
	44	854820.571	346.7818	3.597	0.04	139.666	0.92	00	32647.1366	30	32647.7775
7	45	856663.080	347.5380	3.605	0.04	139.693	0.92	00	32648.4192	30	32649.0615
	46	858505.591	348.2943	3.613	0.04	139.720	0.92	00	32649.7046	30	32650.3484
	47	860348.104	349.0506	3.621	0.04	139.747	0.92	00	32650.9929	30	32651.6381
	48	862190.618	349.8070	3.629	0.04	139.774	0.92	00	32652.2840	30	32652.9306
	49	864033.133	350.5634	3.637	0.04	139.801	0.92	00	32653.5779	30	32654.2260
7	50	865875.650	351.3199	3.645	0.04	139.828	0.92	00	32654.8747	30	32655.5242
	51	867718.168	352.0764	3.653	0.04	139.856	0.92	00	32656.1744	30	32656.8253
	52	869560.687	352.8330	3.662	0.04	139.883	0.92	00	32657.4769	30	32658.1292
	53	871403.209	353.5897	3.670	0.04	139.910	0.92	00	32658.7823	30	32659.4360
	54	873245.731	354.3464	3.678	0.04	139.938	0.92	00	32660.0905	30	32660.7456
7	55	875088.255	355.1032	3.686	0.04	139.965	0.92	00	32661.4015	30	32662.0581
	56	876930.781	355.8600	3.694	0.04	139.993	0.92	00	32662.7154	30	32663.3735
	57	878773.308	356.6169	3.702	0.04	140.021	0.92	00	32664.0322	30	32664.6917
	58	880615.836	357.3739	3.710	0.04	140.048	0.92	00	32665.3518	30	32666.0127
	59	882458.366	358.1309	3.718	0.04	140.076	0.92	00	32666.6743	30	32667.3366
8	00	884300.897	358.8880	3.726	0.04	140.104	0.92	00	32667.9996	30	32668.6634

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
8	0	884300.897	358.8880	3.726	0.04	140.104	0.92	00	32667.9996	30	32668.6634
	1	886143.430	359.6451	3.734	0.04	140.132	0.92	00	32669.3278	30	32669.9930
	2	887985.965	360.4023	3.742	0.04	140.160	0.92	00	32670.6588	30	32671.3254
	3	889828.500	361.1595	3.750	0.04	140.188	0.92	00	32671.9927	30	32672.6608
	4	891671.038	361.9169	3.758	0.04	140.216	0.92	00	32673.3295	30	32673.9989
8	5	893513.577	362.6742	3.766	0.04	140.244	0.93	00	32674.6691	30	32675.3400
	6	895356.117	363.4317	3.774	0.04	140.272	0.93	00	32676.0116	30	32676.6839
	7	897198.659	364.1892	3.782	0.04	140.301	0.93	00	32677.3569	30	32678.0306
	8	899041.202	364.9467	3.790	0.04	140.329	0.93	00	32678.7051	30	32679.3802
	9	900883.747	365.7043	3.798	0.04	140.357	0.93	00	32680.0561	30	32680.7327
8	10	902726.293	366.4620	3.806	0.04	140.386	0.93	00	32681.4100	30	32682.0880
	11	904568.841	367.2197	3.814	0.04	140.414	0.93	00	32682.7668	30	32683.4462
	12	906411.391	367.9775	3.822	0.04	140.443	0.93	00	32684.1264	30	32684.8073
	13	908253.942	368.7354	3.830	0.04	140.472	0.93	00	32685.4889	30	32686.1712
	14	910096.494	369.4933	3.838	0.04	140.500	0.93	00	32686.8542	30	32687.5380
8	15	911939.048	370.2512	3.847	0.04	140.529	0.93	00	32688.2224	30	32688.9076
	16	913781.604	371.0093	3.855	0.04	140.558	0.93	00	32689.5935	30	32690.2801
	17	915624.161	371.7675	3.863	0.04	140.587	0.93	00	32690.9675	30	32691.6555
	18	917466.719	372.5256	3.871	0.04	140.616	0.93	00	32692.3443	30	32693.0337
	19	919309.279	373.2838	3.879	0.04	140.645	0.93	00	32693.7239	30	32694.4148
8	20	921151.841	374.0421	3.887	0.04	140.674	0.93	00	32695.1065	30	32695.7988
	21	922994.404	374.8005	3.895	0.04	140.703	0.93	00	32696.4919	30	32697.1856
	22	924836.969	375.5589	3.903	0.04	140.732	0.93	00	32697.8801	30	32698.5753
	23	926679.535	376.3174	3.911	0.04	140.762	0.93	00	32699.2713	30	32699.9679
	24	928522.103	377.0759	3.919	0.04	140.791	0.93	00	32700.6653	30	32701.3634
8	25	930364.672	377.8345	3.927	0.04	140.820	0.93	00	32702.0622	30	32702.7617
	26	932207.243	378.5932	3.935	0.04	140.850	0.93	00	32703.4619	30	32704.1628
	27	934049.816	379.3519	3.943	0.04	140.879	0.94	00	32704.8645	30	32705.5669
	28	935892.390	380.1107	3.952	0.04	140.909	0.94	00	32706.2700	30	32706.9738
	29	937734.966	380.8696	3.960	0.04	140.939	0.94	00	32707.6784	30	32708.3836
8	30	939577.543	381.6285	3.968	0.04	140.968	0.94	00	32709.0896	30	32709.7963
	31	941420.122	382.3875	3.976	0.04	140.998	0.94	00	32710.5037	30	32711.2118
	32	943262.702	383.1465	3.984	0.04	141.028	0.94	00	32711.9207	30	32712.6302
	33	945105.284	383.9056	3.992	0.04	141.058	0.94	00	32713.3405	30	32714.0515
	34	946947.867	384.6648	4.000	0.04	141.088	0.94	00	32714.7632	30	32715.4757
8	35	948790.453	385.4240	4.008	0.04	141.118	0.94	00	32716.1888	30	32716.9027
	36	950633.039	386.1833	4.016	0.04	141.148	0.94	00	32717.6173	30	32718.3326
	37	952475.628	386.9427	4.024	0.04	141.178	0.94	00	32719.0487	30	32719.7654
	38	954318.217	387.7021	4.033	0.04	141.209	0.94	00	32720.4829	30	32721.2011
	39	956160.809	388.4616	4.041	0.04	141.239	0.94	00	32721.9200	30	32722.6397
8	40	958003.402	389.2212	4.049	0.04	141.269	0.94	00	32723.3600	30	32724.0811
	41	959845.997	389.9808	4.057	0.04	141.300	0.94	00	32724.8029	30	32725.5254
	42	961688.593	390.7405	4.065	0.04	141.330	0.94	00	32726.2486	30	32726.9726
	43	963531.191	391.5002	4.073	0.04	141.361	0.94	00	32727.6972	30	32728.4226
	44	965373.790	392.2601	4.081	0.04	141.392	0.94	00	32729.1487	30	32729.8756
8	45	967216.392	393.0199	4.089	0.04	141.422	0.94	00	32730.6031	30	32731.3314
	46	969058.994	393.7799	4.097	0.04	141.453	0.94	00	32732.0604	30	32732.7901
	47	970901.599	394.5399	4.106	0.04	141.484	0.94	00	32733.5206	30	32734.2517
	48	972744.205	395.3000	4.114	0.04	141.515	0.94	00	32734.9836	30	32735.7162
	49	974586.812	396.0601	4.122	0.04	141.546	0.95	00	32736.4495	30	32737.1836
8	50	976429.422	396.8203	4.130	0.04	141.577	0.95	00	32737.9183	30	32738.6538
	51	978272.033	397.5806	4.138	0.04	141.608	0.95	00	32739.3900	30	32740.1269
	52	980114.645	398.3410	4.146	0.04	141.639	0.95	00	32740.8646	30	32741.6030
	53	981957.259	399.1014	4.154	0.04	141.670	0.95	00	32742.3421	30	32743.0819
	54	983799.875	399.8619	4.162	0.04	141.701	0.95	00	32743.8224	30	32744.5637
8	55	985642.493	400.6224	4.171	0.04	141.733	0.95	00	32745.3056	30	32746.0483
	56	987485.112	401.3830	4.179	0.04	141.764	0.95	00	32746.7918	30	32747.5359
	57	989327.732	402.1437	4.187	0.04	141.796	0.95	00	32748.2808	30	32749.0264
	58	991170.355	402.9044	4.195	0.04	141.827	0.95	00	32749.7727	30	32750.5197
	59	993012.979	403.6652	4.203	0.04	141.859	0.95	00	32751.2675	30	32752.0160
9	00	994855.605	404.4261	4.211	0.04	141.890	0.95	00	32752.7652	30	32753.5151

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
9	0	994855.605	404.4261	4.211	C.04	141.890	0.95	00	32752.7652	30	32753.5151
	1	996698.232	405.1871	4.220	0.04	141.922	0.95	00	32754.2658	30	32755.0171
	2	998540.861	405.9481	4.228	C.04	141.954	0.95	00	32755.7692	30	32756.5221
	3	1000383.492	406.7092	4.236	C.04	141.986	0.95	00	32757.2756	30	32758.0299
	4	1002226.124	407.4703	4.244	C.04	142.018	0.95	00	32758.7849	30	32759.5406
9	5	1004068.758	408.2315	4.252	C.04	142.050	0.95	00	32760.2970	30	32761.0542
	6	1005911.394	408.9928	4.260	C.04	142.082	0.95	00	32761.8121	30	32762.5707
	7	1007754.032	409.7542	4.268	C.04	142.114	0.95	00	32763.3300	30	32764.0901
	8	1009596.671	410.5156	4.277	C.04	142.146	0.95	00	32764.8509	30	32765.6124
	9	1011439.311	411.2771	4.285	0.04	142.178	0.96	00	32766.3746	30	32767.1375
9	10	1013281.954	412.0387	4.293	C.04	142.211	0.96	00	32767.9012	30	32768.6656
	11	1015124.598	412.8003	4.301	C.04	142.243	0.96	00	32769.4308	30	32770.1966
	12	1016967.244	413.5620	4.309	0.04	142.275	0.96	00	32770.9632	30	32771.7305
	13	1018809.892	414.3238	4.317	0.04	142.308	0.96	00	32772.4985	30	32773.2673
	14	1020652.541	415.0856	4.326	0.04	142.340	0.96	00	32774.0368	30	32774.8070
9	15	1022495.192	415.8475	4.334	C.04	142.373	0.96	00	32775.5779	30	32776.3496
	16	1024337.845	416.6095	4.342	0.04	142.406	0.96	00	32777.1219	30	32777.8951
	17	1026180.499	417.3715	4.350	C.04	142.438	0.96	00	32778.6689	30	32779.4434
	18	1028023.155	418.1336	4.358	C.04	142.471	0.96	00	32780.2187	30	32780.9947
	19	1029865.813	418.8958	4.367	C.04	142.504	0.96	00	32781.7715	30	32782.5489
9	20	1031708.473	419.6581	4.375	C.04	142.537	0.96	00	32783.3271	30	32784.1060
	21	1033551.134	420.4204	4.383	C.05	142.570	0.96	00	32784.8857	30	32785.6661
	22	1035393.797	421.1828	4.391	C.05	142.603	0.96	00	32786.4472	30	32787.2290
	23	1037236.462	421.9452	4.399	C.05	142.636	0.96	00	32788.0115	30	32788.7948
	24	1039079.128	422.7078	4.408	C.05	142.670	0.96	00	32789.5788	30	32790.3635
9	25	1040921.796	423.4704	4.416	C.05	142.703	0.96	00	32791.1490	30	32791.9352
	26	1042764.466	424.2331	4.424	C.05	142.736	0.96	00	32792.7221	30	32793.5097
	27	1044607.138	424.9958	4.432	C.05	142.770	0.96	00	32794.2981	30	32795.0872
	28	1046449.812	425.7586	4.440	0.05	142.803	0.97	00	32795.8770	30	32796.6675
	29	1048292.487	426.5215	4.449	C.05	142.837	0.97	00	32797.4588	30	32798.2508
9	30	1050135.164	427.2845	4.457	0.05	142.870	0.97	00	32799.0436	30	32799.8370
	31	1051977.842	428.0475	4.465	C.05	142.904	0.97	00	32800.6312	30	32801.4261
	32	1053820.523	428.8106	4.473	0.05	142.938	0.97	00	32802.2218	30	32803.0181
	33	1055663.205	429.5738	4.481	C.05	142.972	0.97	00	32803.8152	30	32804.6131
	34	1057505.889	430.3370	4.490	0.05	143.005	0.97	00	32805.4116	30	32806.2109
9	35	1059348.575	431.1004	4.498	C.05	143.039	0.97	00	32807.0109	30	32807.8117
	36	1061191.262	431.8638	4.506	0.05	143.073	0.97	00	32808.6132	30	32809.4154
	37	1063033.951	432.6272	4.514	C.05	143.108	0.97	00	32810.2183	30	32811.0220
	38	1064876.643	433.3908	4.523	C.05	143.142	0.97	00	32811.8263	30	32812.6315
	39	1066719.335	434.1544	4.531	0.05	143.176	0.97	00	32813.4373	30	32814.2439
9	40	1068562.030	434.9181	4.539	C.05	143.210	0.97	00	32815.0512	30	32815.8593
	41	1070404.726	435.6818	4.547	C.05	143.244	0.97	00	32816.6680	30	32817.4775
	42	1072247.424	436.4456	4.556	C.05	143.279	0.97	00	32818.2877	30	32819.0987
	43	1074090.124	437.2095	4.564	C.05	143.313	0.97	00	32819.9104	30	32820.7228
	44	1075932.826	437.9735	4.572	C.05	143.348	0.97	00	32821.5360	30	32822.3498
9	45	1077775.530	438.7376	4.580	C.05	143.382	0.97	00	32823.1645	30	32823.9798
	46	1079618.235	439.5017	4.588	0.05	143.417	0.97	00	32824.7959	30	32825.6121
	47	1081460.942	440.2659	4.597	C.05	143.452	0.98	00	32826.4302	30	32827.2485
	48	1083303.651	441.0301	4.605	0.05	143.487	0.98	00	32828.0675	30	32828.8872
	49	1085146.362	441.7945	4.613	C.05	143.522	0.98	00	32829.7077	30	32830.5289
9	50	1086989.074	442.5589	4.622	C.05	143.556	0.98	00	32831.3508	30	32832.1734
	51	1088831.789	443.3234	4.630	0.05	143.591	0.98	00	32832.9968	30	32833.8209
	52	1090674.505	444.0880	4.638	0.05	143.627	0.98	00	32834.6458	30	32835.4714
	53	1092517.223	444.8526	4.646	0.05	143.662	0.98	00	32836.2977	30	32837.1247
	54	1094359.943	445.6173	4.655	0.05	143.697	0.98	00	32837.9525	30	32838.7810
9	55	1096202.664	446.3821	4.663	0.05	143.732	0.98	00	32839.6103	30	32840.4402
	56	1098045.388	447.1470	4.671	C.05	143.767	0.98	00	32841.2709	30	32842.1024
	57	1099888.113	447.9119	4.679	0.05	143.803	0.98	00	32842.9346	30	32843.7675
	58	1101730.840	448.6769	4.688	C.05	143.838	0.98	00	32844.6011	30	32845.4355
	59	1103573.569	449.4420	4.696	0.05	143.874	0.98	00	32846.2706	30	32847.1064
10	00	1105416.300	450.2072	4.704	0.05	143.909	0.98	00	32847.9430	30	32848.7803

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500080) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
10	0	1105416.300	450.2072	4.704	0.05	143.909	0.98	00	32847.9430	30	32848.7803
	1	1107259.033	450.9724	4.712	0.05	143.945	0.98	00	32849.6183	30	32850.4571
	2	1109101.767	451.7377	4.721	0.05	143.981	0.98	00	32851.2956	30	32852.1369
	3	1110944.504	452.5031	4.729	0.05	144.017	0.98	00	32852.9778	30	32853.8195
	4	1112787.242	453.2686	4.737	0.05	144.053	0.99	00	32854.6620	30	32855.5052
10	5	1114629.982	454.0341	4.746	0.05	144.088	0.99	00	32856.3491	30	32857.1937
	6	1116472.724	454.7998	4.754	0.05	144.124	0.99	00	32858.0391	30	32858.8852
	7	1118315.467	455.5655	4.762	0.05	144.161	0.99	00	32859.7320	30	32860.5796
	8	1120158.213	455.3312	4.770	0.05	144.197	0.99	00	32861.4279	30	32862.2770
	9	1122000.961	457.0971	4.779	0.05	144.233	0.99	00	32863.1268	30	32863.9773
10	10	1123843.710	457.8630	4.787	0.05	144.269	0.99	00	32864.8286	30	32865.6806
	11	1125686.461	458.6290	4.795	0.05	144.305	0.99	00	32866.5333	30	32867.3868
	12	1127529.214	459.3951	4.804	0.05	144.342	0.99	00	32868.2410	30	32869.0959
	13	1129371.969	460.1613	4.812	0.05	144.378	0.99	00	32869.9516	30	32870.8080
	14	1131214.726	460.9275	4.820	0.05	144.415	0.99	00	32871.6651	30	32872.5230
10	15	1133057.485	461.6938	4.829	0.05	144.452	0.99	00	32873.3816	30	32874.2410
	16	1134900.245	462.4602	4.837	0.05	144.488	0.99	00	32875.1010	30	32875.9619
	17	1136743.008	463.2267	4.845	0.05	144.525	0.99	00	32876.8234	30	32877.6857
	18	1138585.772	463.9932	4.854	0.05	144.562	0.99	00	32878.5488	30	32879.4125
	19	1140428.539	464.7598	4.862	0.05	144.599	0.99	00	32880.2770	30	32881.1423
10	20	1142271.307	465.5265	4.870	0.05	144.636	0.99	00	32882.0083	30	32882.8750
	21	1144114.077	466.2933	4.879	0.05	144.673	0.99	00	32883.7424	30	32884.6106
	22	1145956.849	467.0602	4.887	0.05	144.710	1.00	00	32885.4796	30	32886.3492
	23	1147799.623	467.8271	4.895	0.05	144.747	1.00	00	32887.2196	30	32888.0908
	24	1149642.399	468.5941	4.904	0.05	144.784	1.00	00	32888.9627	30	32889.8353
10	25	1151485.176	469.3612	4.912	0.05	144.821	1.00	00	32890.7086	30	32891.5827
	26	1153327.956	470.1284	4.920	0.05	144.859	1.00	00	32892.4576	30	32893.3331
	27	1155170.737	470.8956	4.929	0.05	144.896	1.00	00	32894.2094	30	32895.0865
	28	1157013.521	471.6630	4.937	0.05	144.934	1.00	00	32895.9643	30	32896.8428
	29	1158856.306	472.4304	4.945	0.05	144.971	1.00	00	32897.7221	30	32898.6021
10	30	1160699.094	473.1975	4.954	0.05	145.009	1.00	00	32899.4828	30	32900.3643
	31	1162541.883	473.9655	4.962	0.05	145.046	1.00	00	32901.2465	30	32902.1295
	32	1164384.674	474.7331	4.970	0.05	145.084	1.00	00	32903.0132	30	32903.8976
	33	1166227.467	475.5008	4.979	0.05	145.122	1.00	00	32904.7828	30	32905.6687
	34	1168070.262	476.2686	4.987	0.05	145.160	1.00	00	32906.5554	30	32907.4428
10	35	1169913.059	477.0365	4.995	0.05	145.198	1.00	00	32908.3309	30	32909.2198
	36	1171755.858	477.8045	5.004	0.05	145.236	1.00	00	32910.1094	30	32910.9998
	37	1173598.659	478.5726	5.012	0.05	145.274	1.00	00	32911.8909	30	32912.7827
	38	1175441.462	479.3407	5.020	0.05	145.312	1.01	00	32913.6753	30	32914.5686
	39	1177284.267	480.1089	5.029	0.05	145.350	1.01	00	32915.4627	30	32916.3575
10	40	1179127.074	480.8772	5.037	0.05	145.389	1.01	00	32917.2530	30	32918.1493
	41	1180969.882	481.6456	5.046	0.05	145.427	1.01	00	32919.0463	30	32919.9441
	42	1182812.693	482.4140	5.054	0.05	145.465	1.01	00	32920.8426	30	32921.7419
	43	1184655.506	483.1826	5.062	0.05	145.504	1.01	00	32922.6419	30	32923.5426
	44	1186498.320	483.9512	5.071	0.05	145.543	1.01	00	32924.4441	30	32925.3463
10	45	1188341.137	484.7199	5.079	0.05	145.581	1.01	00	32926.2492	30	32927.1529
	46	1190183.955	485.4887	5.087	0.05	145.620	1.01	00	32928.0574	30	32928.9626
	47	1192026.776	485.2575	5.096	0.05	145.659	1.01	00	32929.8685	30	32930.7752
	48	1193869.598	487.0265	5.104	0.05	145.698	1.01	00	32931.6826	30	32932.5907
	49	1195712.423	487.7955	5.113	0.05	145.736	1.01	00	32933.4996	30	32934.4093
10	50	1197555.249	488.5646	5.121	0.05	145.775	1.01	00	32935.3197	30	32936.2308
	51	1199398.078	489.3338	5.129	0.05	145.814	1.01	00	32937.1427	30	32938.0553
	52	1201240.908	490.1031	5.138	0.05	145.854	1.01	00	32938.9686	30	32939.8827
	53	1203083.741	490.8725	5.146	0.05	145.893	1.01	00	32940.7976	30	32941.7132
	54	1204926.575	491.6419	5.155	0.05	145.932	1.02	00	32942.6295	30	32943.5466
10	55	1206769.411	492.4114	5.163	0.05	145.971	1.02	00	32944.4644	30	32945.3830
	56	1208612.250	493.1810	5.171	0.05	146.011	1.02	00	32946.3023	30	32947.2223
	57	1210455.090	493.9507	5.180	0.05	146.050	1.02	00	32948.1431	30	32949.0647
	58	1212297.933	494.7205	5.188	0.05	146.090	1.02	00	32949.9869	30	32950.9100
	59	1214140.777	495.4904	5.197	0.05	146.129	1.02	00	32951.8338	30	32952.7583
11	00	1215983.624	496.2603	5.205	0.05	146.169	1.02	00	32953.6835	30	32954.6095

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
11	0	1215983.624	496.2603	5.205	0.05	146.169	1.02	00	32953.6835	30	32954.6095
	1	1217826.472	497.0303	5.214	0.05	146.209	1.02	00	32955.5363	30	32956.4638
	2	1219669.323	497.8004	5.222	0.05	146.249	1.02	00	32957.3921	30	32958.3210
	3	1221512.175	498.5706	5.230	0.05	146.289	1.02	00	32959.2508	30	32960.1813
	4	1223355.030	499.3409	5.239	0.05	146.328	1.02	00	32961.1125	30	32962.0445
11	5	1225197.886	500.1113	5.247	0.05	146.369	1.02	00	32962.9772	30	32963.9107
	6	1227040.745	500.8817	5.256	0.05	146.409	1.02	00	32964.8449	30	32965.7798
	7	1228883.606	501.6523	5.264	0.05	146.449	1.02	00	32966.7155	30	32967.6520
	8	1230726.468	502.4229	5.273	0.05	146.489	1.02	00	32968.5892	30	32969.5271
	9	1232569.333	503.1936	5.281	0.05	146.529	1.02	00	32970.4658	30	32971.4053
11	10	1234412.200	503.9644	5.290	0.05	146.570	1.03	00	32972.3455	30	32973.2864
	11	1236255.069	504.7352	5.298	0.05	146.610	1.03	00	32974.2281	30	32975.1705
	12	1238097.940	505.5062	5.306	0.06	146.651	1.03	00	32976.1137	30	32977.0576
	13	1239940.813	506.2772	5.315	0.06	146.691	1.03	00	32978.0023	30	32978.9477
	14	1241783.688	507.0484	5.323	0.06	146.732	1.03	00	32979.8939	30	32980.8408
11	15	1243626.565	507.8196	5.332	0.06	146.773	1.03	00	32981.7884	30	32982.7368
	16	1245469.444	508.5909	5.340	0.06	146.813	1.03	00	32983.6860	30	32984.6359
	17	1247312.325	509.3623	5.349	0.06	146.854	1.03	00	32985.5866	30	32986.5380
	18	1249155.208	510.1337	5.357	0.06	146.895	1.03	00	32987.4901	30	32988.4430
	19	1250998.093	510.9053	5.366	0.06	146.936	1.03	00	32989.3967	30	32990.3511
11	20	1252840.981	511.6770	5.374	0.06	146.977	1.03	00	32991.3062	30	32992.2621
	21	1254683.870	512.4487	5.383	0.06	147.018	1.03	00	32993.2188	30	32994.1762
	22	1256526.762	513.2205	5.391	0.06	147.060	1.03	00	32995.1343	30	32996.0932
	23	1258369.655	513.9924	5.400	0.06	147.101	1.03	00	32997.0529	30	32998.0133
	24	1260212.551	514.7644	5.408	0.06	147.142	1.03	00	32998.9744	30	32999.9363
11	25	1262055.449	515.5365	5.417	0.06	147.184	1.04	00	33000.8990	30	33001.8624
	26	1263898.349	516.3087	5.425	0.06	147.225	1.04	00	33002.8265	30	33003.7914
	27	1265741.251	517.0809	5.434	0.06	147.267	1.04	00	33004.7571	30	33005.7235
	28	1267584.155	517.8533	5.442	0.06	147.308	1.04	00	33006.6906	30	33007.6585
	29	1269427.061	518.6257	5.451	0.06	147.350	1.04	00	33008.6272	30	33009.5966
11	30	1271269.969	519.3982	5.459	0.06	147.392	1.04	00	33010.5667	30	33011.5377
	31	1273112.879	520.1708	5.468	0.06	147.434	1.04	00	33012.5093	30	33013.4817
	32	1274955.792	520.9435	5.476	0.06	147.476	1.04	00	33014.4549	30	33015.4288
	33	1276798.706	521.7163	5.485	0.06	147.518	1.04	00	33016.4035	30	33017.3789
	34	1278641.623	522.4892	5.493	0.06	147.560	1.04	00	33018.3551	30	33019.3320
11	35	1280484.542	523.2621	5.502	0.06	147.602	1.04	00	33020.3097	30	33021.2881
	36	1282327.463	524.0352	5.510	0.06	147.644	1.04	00	33022.2673	30	33023.2472
	37	1284170.386	524.8083	5.519	0.06	147.686	1.04	00	33024.2279	30	33025.2093
	38	1286013.311	525.5816	5.527	0.06	147.729	1.04	00	33026.1915	30	33027.1745
	39	1287856.238	526.3549	5.536	0.06	147.771	1.04	00	33028.1582	30	33029.1426
11	40	1289699.168	527.1283	5.544	0.06	147.813	1.05	00	33030.1278	30	33031.1138
	41	1291542.099	527.9018	5.553	0.06	147.856	1.05	00	33032.1005	30	33033.0880
	42	1293385.033	528.6754	5.561	0.06	147.899	1.05	00	33034.0762	30	33035.0652
	43	1295227.969	529.4490	5.570	0.06	147.941	1.05	00	33036.0549	30	33037.0454
	44	1297070.907	530.2228	5.578	0.06	147.984	1.05	00	33038.0366	30	33039.0286
11	45	1298913.847	530.9967	5.587	0.06	148.027	1.05	00	33040.0214	30	33041.0149
	46	1300756.789	531.7706	5.595	0.06	148.070	1.05	00	33042.0091	30	33043.0041
	47	1302599.734	532.5446	5.604	0.06	148.113	1.05	00	33043.9999	30	33044.9964
	48	1304442.680	533.3188	5.612	0.06	148.156	1.05	00	33045.9937	30	33046.9917
	49	1306285.629	534.0930	5.621	0.06	148.199	1.05	00	33047.9905	30	33048.9901
11	50	1308128.580	534.8673	5.630	0.06	148.242	1.05	00	33049.9904	30	33050.9914
	51	1309971.533	535.6417	5.638	0.06	148.285	1.05	00	33051.9932	30	33052.9958
	52	1311814.488	536.4162	5.647	0.06	148.329	1.05	00	33053.9991	30	33055.0032
	53	1313657.445	537.1908	5.655	0.06	148.372	1.05	00	33056.0080	30	33057.0136
	54	1315500.405	537.9654	5.664	0.06	148.416	1.06	00	33058.0200	30	33059.0271
11	55	1317343.367	538.7402	5.672	0.06	148.459	1.06	00	33060.0349	30	33061.0436
	56	1319186.331	539.5151	5.681	0.06	148.503	1.06	00	33062.0529	30	33063.0631
	57	1321029.297	540.2900	5.690	0.06	148.547	1.06	00	33064.0740	30	33065.0856
	58	1322872.265	541.0651	5.698	0.06	148.590	1.06	00	33066.0980	30	33067.1112
	59	1324715.235	541.8402	5.707	0.06	148.634	1.06	00	33068.1251	30	33069.1398
12	00	1326558.208	542.6154	5.715	0.06	148.678	1.06	00	33070.1552	30	33071.1714

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
12	0	1326558.208	542.6154	5.715	0.06	148.678	1.06	00	33070.1552	30	33071.1714
	1	1328401.183	543.3907	5.724	0.06	148.722	1.06	00	33072.1884	30	33073.2061
	2	1330244.160	544.1661	5.732	0.06	148.766	1.06	00	33074.2246	30	33075.2438
	3	1332087.139	544.9416	5.741	0.06	148.810	1.06	00	33076.2638	30	33077.2845
	4	1333930.120	545.7172	5.750	0.06	148.854	1.06	00	33078.3060	30	33079.3283
12	5	1335773.104	546.4929	5.758	0.06	148.899	1.06	00	33080.3513	30	33081.3751
	6	1337616.090	547.2687	5.767	0.06	148.943	1.06	00	33082.3996	30	33083.4250
	7	1339459.078	548.0446	5.775	0.06	148.987	1.06	00	33084.4510	30	33085.4778
	8	1341302.068	548.8205	5.784	0.06	149.032	1.07	00	33086.5054	30	33087.5338
	9	1343145.060	549.5966	5.793	0.06	149.077	1.07	00	33088.5629	30	33089.5927
12	10	1344988.055	550.3728	5.801	0.06	149.121	1.07	00	33090.6233	30	33091.6547
	11	1346831.052	551.1490	5.810	0.06	149.166	1.07	00	33092.6869	30	33093.7198
	12	1348674.051	551.9254	5.818	0.06	149.211	1.07	00	33094.7534	30	33095.7879
	13	1350517.052	552.7018	5.827	0.06	149.256	1.07	00	33096.8230	30	33097.8590
	14	1352360.056	553.4783	5.836	0.06	149.300	1.07	00	33098.8957	30	33099.9332
12	15	1354203.062	554.2550	5.844	0.06	149.345	1.07	00	33100.9714	30	33102.0104
	16	1356046.070	555.0317	5.853	0.06	149.391	1.07	00	33103.0501	30	33104.0907
	17	1357889.080	555.8085	5.862	0.06	149.436	1.07	00	33105.1319	30	33106.1740
	18	1359732.092	556.5854	5.870	0.06	149.481	1.07	00	33107.2168	30	33108.2603
	19	1361575.107	557.3624	5.879	0.06	149.526	1.07	00	33109.3047	30	33110.3498
12	20	1363418.124	558.1395	5.888	0.06	149.572	1.07	00	33111.3956	30	33112.4422
	21	1365261.143	558.9167	5.896	0.06	149.617	1.07	00	33113.4896	30	33114.5377
	22	1367104.165	559.6940	5.905	0.06	149.662	1.08	00	33115.5866	30	33116.6363
	23	1368947.189	560.4714	5.913	0.06	149.708	1.08	00	33117.6867	30	33118.7379
	24	1370790.215	561.2489	5.922	0.06	149.754	1.08	00	33119.7899	30	33120.8426
12	25	1372633.243	562.0264	5.931	0.06	149.799	1.08	00	33121.8961	30	33122.9503
	26	1374476.273	562.8041	5.939	0.06	149.845	1.08	00	33124.0053	30	33125.0611
	27	1376319.306	563.5819	5.948	0.06	149.891	1.08	00	33126.1177	30	33127.1750
	28	1378162.341	564.3597	5.957	0.06	149.937	1.08	00	33128.2330	30	33129.2919
	29	1380005.378	565.1377	5.965	0.06	149.983	1.08	00	33130.3515	30	33131.4118
12	30	1381848.418	565.9158	5.974	0.06	150.029	1.08	00	33132.4730	30	33133.5348
	31	1383691.460	566.6939	5.983	0.06	150.075	1.08	00	33134.5975	30	33135.6609
	32	1385534.504	567.4722	5.991	0.06	150.122	1.08	00	33136.7251	30	33137.7901
	33	1387377.550	568.2505	6.000	0.06	150.168	1.08	00	33138.8558	30	33139.9223
	34	1389220.599	569.0290	6.009	0.06	150.214	1.08	00	33140.9895	30	33142.0575
12	35	1391063.650	569.8075	6.017	0.06	150.261	1.09	00	33143.1263	30	33144.1959
	36	1392906.703	570.5862	6.026	0.06	150.307	1.09	00	33145.2662	30	33146.3373
	37	1394749.759	571.3649	6.035	0.06	150.354	1.09	00	33147.4091	30	33148.4817
	38	1396592.817	572.1437	6.044	0.06	150.401	1.09	00	33149.5551	30	33150.6293
	39	1398435.877	572.9227	6.052	0.06	150.447	1.09	00	33151.7042	30	33152.7799
12	40	1400278.939	573.7017	6.061	0.06	150.494	1.09	00	33153.8563	30	33154.9336
	41	1402122.004	574.4808	6.070	0.06	150.541	1.09	00	33156.0115	30	33157.0903
	42	1403965.071	575.2601	6.078	0.06	150.588	1.09	00	33158.1698	30	33159.2501
	43	1405808.141	576.0394	6.087	0.06	150.635	1.09	00	33160.3312	30	33161.4130
	44	1407651.212	576.8188	6.096	0.06	150.682	1.09	00	33162.4956	30	33163.5790
12	45	1409494.286	577.5984	6.104	0.06	150.729	1.09	00	33164.6631	30	33165.7480
	46	1411337.363	578.3780	6.113	0.06	150.777	1.09	00	33166.8337	30	33167.9201
	47	1413180.441	579.1577	6.122	0.06	150.824	1.09	00	33169.0073	30	33170.0953
	48	1415023.522	579.9375	6.131	0.06	150.871	1.10	00	33171.1840	30	33172.2736
	49	1416866.606	580.7175	6.139	0.06	150.919	1.10	00	33173.3638	30	33174.4549
12	50	1418709.691	581.4975	6.148	0.06	150.967	1.10	00	33175.5467	30	33176.6393
	51	1420552.779	582.2776	6.157	0.06	151.014	1.10	00	33177.7327	30	33178.8268
	52	1422395.869	583.0578	6.166	0.06	151.062	1.10	00	33179.9217	30	33181.0174
	53	1424238.962	583.8381	6.174	0.06	151.110	1.10	00	33182.1138	30	33183.2111
	54	1426082.057	584.6186	6.183	0.06	151.158	1.10	00	33184.3090	30	33185.4078
12	55	1427925.154	585.3991	6.192	0.06	151.206	1.10	00	33186.5073	30	33187.6076
	56	1429768.254	586.1797	6.201	0.07	151.254	1.10	00	33188.7087	30	33189.8106
	57	1431611.356	586.9604	6.209	0.07	151.302	1.10	00	33190.9132	30	33192.0166
	58	1433454.461	587.7413	6.218	0.07	151.350	1.10	00	33193.1207	30	33194.2256
	59	1435297.567	588.5222	6.227	0.07	151.398	1.10	00	33195.3314	30	33196.4378
13	00	1437140.676	589.3032	6.236	0.07	151.446	1.10	00	33197.5451	30	33198.6531

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
13	0	1437140.676	589.3032	6.236	0.07	151.446	1.10	00	33197.5451	30	33198.6531
	1	1438983.788	590.0843	6.244	0.07	151.495	1.11	00	33199.7619	30	33200.8715
	2	1440826.902	590.8656	6.253	0.07	151.543	1.11	00	33201.9818	30	33203.0929
	3	1442670.018	591.6469	6.262	0.07	151.592	1.11	00	33204.2048	30	33205.3174
	4	1444513.136	592.4283	6.271	0.07	151.640	1.11	00	33206.4309	30	33207.5451
13	5	1446356.257	593.2099	6.279	0.07	151.689	1.11	00	33208.6601	30	33209.7758
	6	1448199.381	593.9915	6.288	0.07	151.738	1.11	00	33210.8923	30	33212.0096
	7	1450042.506	594.7732	6.297	0.07	151.787	1.11	00	33213.1277	30	33214.2465
	8	1451885.634	595.5551	6.306	0.07	151.836	1.11	00	33215.3662	30	33216.4866
	9	1453728.765	596.3370	6.315	0.07	151.885	1.11	00	33217.6077	30	33218.7297
13	10	1455571.898	597.1191	6.323	0.07	151.934	1.11	00	33219.8524	30	33220.9759
	11	1457415.033	597.9012	6.332	0.07	151.983	1.11	00	33222.1002	30	33223.2252
	12	1459258.170	598.6835	6.341	0.07	152.032	1.11	00	33224.3510	30	33225.4776
	13	1461101.310	599.4658	6.350	0.07	152.081	1.12	00	33226.6050	30	33227.7331
	14	1462944.453	600.2483	6.359	0.07	152.131	1.12	00	33228.8621	30	33229.9918
13	15	1464787.598	601.0308	6.367	0.07	152.180	1.12	00	33231.1222	30	33232.2535
	16	1466630.745	601.8135	6.376	0.07	152.230	1.12	00	33233.3855	30	33234.5183
	17	1468473.894	602.5963	6.385	0.07	152.279	1.12	00	33235.6519	30	33236.7863
	18	1470317.046	603.3791	6.394	0.07	152.329	1.12	00	33237.9214	30	33239.0573
	19	1472160.201	604.1621	6.403	0.07	152.379	1.12	00	33240.1940	30	33241.3315
13	20	1474003.358	604.9452	6.411	0.07	152.429	1.12	00	33242.4697	30	33243.6087
	21	1475846.517	605.7284	6.420	0.07	152.479	1.12	00	33244.7485	30	33245.8891
	22	1477689.679	606.5116	6.429	0.07	152.529	1.12	00	33247.0304	30	33248.1726
	23	1479532.843	607.2950	6.438	0.07	152.579	1.12	00	33249.3155	30	33250.4592
	24	1481376.009	608.0785	6.447	0.07	152.629	1.12	00	33251.6036	30	33252.7489
13	25	1483219.178	608.8621	6.456	0.07	152.679	1.12	00	33253.8949	30	33255.0417
	26	1485062.350	609.6458	6.464	0.07	152.729	1.13	00	33256.1893	30	33257.3377
	27	1486905.523	610.4296	6.473	0.07	152.780	1.13	00	33258.4868	30	33259.6367
	28	1488748.700	611.2136	6.482	0.07	152.830	1.13	00	33260.7874	30	33261.9389
	29	1490591.878	611.9976	6.491	0.07	152.881	1.13	00	33263.0911	30	33264.2442
13	30	1492435.059	612.7817	6.500	0.07	152.931	1.13	00	33265.3980	30	33266.5526
	31	1494278.243	613.5659	6.509	0.07	152.982	1.13	00	33267.7080	30	33268.8641
	32	1496121.429	614.3503	6.518	0.07	153.033	1.13	00	33270.0211	30	33271.1788
	33	1497964.618	615.1347	6.526	0.07	153.084	1.13	00	33272.3373	30	33273.4966
	34	1499807.808	615.9193	6.535	0.07	153.134	1.13	00	33274.6566	30	33275.8175
13	35	1501651.002	616.7039	6.544	0.07	153.185	1.13	00	33276.9791	30	33278.1415
	36	1503494.198	617.4887	6.553	0.07	153.236	1.13	00	33279.3047	30	33280.4687
	37	1505337.396	618.2736	6.562	0.07	153.288	1.14	00	33281.6334	30	33282.7990
	38	1507180.597	619.0585	6.571	0.07	153.339	1.14	00	33283.9653	30	33285.1324
	39	1509023.800	619.8436	6.580	0.07	153.390	1.14	00	33286.3002	30	33287.4689
13	40	1510867.006	620.6288	6.589	0.07	153.441	1.14	00	33288.6383	30	33289.8086
	41	1512710.214	621.4141	6.597	0.07	153.493	1.14	00	33290.9796	30	33292.1514
	42	1514553.425	622.1995	6.606	0.07	153.544	1.14	00	33293.3240	30	33294.4973
	43	1516396.638	622.9850	6.615	0.07	153.596	1.14	00	33295.6715	30	33296.8464
	44	1518239.853	623.7706	6.624	0.07	153.648	1.14	00	33298.0221	30	33299.1986
13	45	1520083.071	624.5564	6.633	0.07	153.700	1.14	00	33300.3759	30	33301.5539
	46	1521926.292	625.3422	6.642	0.07	153.751	1.14	00	33302.7328	30	33303.9124
	47	1523769.515	626.1281	6.651	0.07	153.803	1.14	00	33305.0928	30	33306.2740
	48	1525612.741	625.9142	6.660	0.07	153.855	1.14	00	33307.4560	30	33308.6388
	49	1527455.969	627.7004	6.669	0.07	153.907	1.15	00	33309.8223	30	33311.0067
13	50	1529299.199	628.4866	6.678	0.07	153.959	1.15	00	33312.1918	30	33313.3777
	51	1531142.432	629.2730	6.687	0.07	154.012	1.15	00	33314.5644	30	33315.7519
	52	1532985.668	630.0595	6.695	0.07	154.064	1.15	00	33316.9401	30	33318.1292
	53	1534828.906	630.8461	6.704	0.07	154.116	1.15	00	33319.3190	30	33320.5097
	54	1536672.147	631.6328	6.713	0.07	154.169	1.15	00	33321.7011	30	33322.8933
13	55	1538515.390	632.4196	6.722	0.07	154.221	1.15	00	33324.0863	30	33325.2800
	56	1540358.635	633.2065	6.731	0.07	154.274	1.15	00	33326.4746	30	33327.6699
	57	1542201.884	633.9936	6.740	0.07	154.327	1.15	00	33328.8661	30	33330.0630
	58	1544045.134	634.7807	6.749	0.07	154.379	1.15	00	33331.2607	30	33332.4592
	59	1545888.387	635.5680	6.758	0.07	154.432	1.15	00	33333.6585	30	33334.8585
14	00	1547731.643	636.3553	6.767	0.07	154.485	1.15	00	33336.0594	30	33337.2611

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
14	0	1547731.643	636.3553	6.767	C.07	154.485	1.15	00	33336.0594	30	33337.2611
	1	1549574.901	637.1428	6.776	C.07	154.538	1.16	00	33338.4635	30	33339.6667
	2	1551418.162	637.9304	6.785	C.07	154.591	1.16	00	33340.8707	30	33342.0755
	3	1553261.425	638.7181	6.794	C.07	154.644	1.16	00	33343.2811	30	33344.4875
	4	1555104.691	639.5059	6.803	C.07	154.698	1.16	00	33345.6947	30	33346.9026
14	5	1556947.960	640.2938	6.812	C.07	154.751	1.16	00	33348.1114	30	33349.3209
	6	1558791.231	641.0818	6.821	C.07	154.804	1.16	00	33350.5312	30	33351.7423
	7	1560634.504	641.8699	6.830	C.07	154.858	1.16	00	33352.9542	30	33354.1669
	8	1562477.780	642.6582	6.839	C.07	154.911	1.16	00	33355.3804	30	33356.5947
	9	1564321.059	643.4466	6.848	C.07	154.965	1.16	00	33357.8098	30	33359.0256
14	10	1566164.340	644.2350	6.857	C.07	155.019	1.16	00	33360.2423	30	33361.4597
	11	1568007.623	645.0236	6.866	C.07	155.073	1.16	00	33362.6779	30	33363.8970
	12	1569850.910	645.8123	6.875	C.07	155.127	1.17	00	33365.1168	30	33366.3374
	13	1571694.198	646.6011	6.884	C.07	155.180	1.17	00	33367.5588	30	33368.7810
	14	1573537.490	647.3900	6.893	C.07	155.235	1.17	00	33370.0039	30	33371.2277
14	15	1575380.784	648.1791	6.902	C.07	155.289	1.17	00	33372.4523	30	33373.6776
	16	1577224.080	648.9682	6.911	C.07	155.343	1.17	00	33374.9038	30	33376.1307
	17	1579067.379	649.7575	6.920	C.07	155.397	1.17	00	33377.3585	30	33378.5870
	18	1580910.681	650.5468	6.929	C.07	155.451	1.17	00	33379.8163	30	33381.0464
	19	1582753.985	651.3363	6.938	C.07	155.506	1.17	00	33382.2773	30	33383.5090
14	20	1584597.292	652.1259	6.947	C.07	155.560	1.17	00	33384.7415	30	33385.9748
	21	1586440.601	652.9156	6.956	C.07	155.615	1.17	00	33387.2089	30	33388.4437
	22	1588283.913	653.7054	6.965	C.07	155.670	1.17	00	33389.6794	30	33390.9159
	23	1590127.228	654.4954	6.974	C.07	155.724	1.18	00	33392.1531	30	33393.3912
	24	1591970.545	655.2854	6.983	C.07	155.779	1.18	00	33394.6300	30	33395.8697
14	25	1593813.865	656.0756	6.992	C.07	155.834	1.18	00	33397.1101	30	33398.3513
	26	1595657.187	656.8659	7.001	C.07	155.889	1.18	00	33399.5934	30	33400.8362
	27	1597500.512	657.6563	7.010	C.07	155.944	1.18	00	33402.0798	30	33403.3242
	28	1599343.840	658.4468	7.019	C.07	155.999	1.18	00	33404.5694	30	33405.8154
	29	1601187.170	659.2374	7.028	C.07	156.055	1.18	00	33407.0622	30	33408.3098
14	30	1603030.503	660.0281	7.037	C.07	156.110	1.18	00	33409.5582	30	33410.8074
	31	1604873.838	660.8190	7.046	C.07	156.165	1.18	00	33412.0574	30	33413.3082
	32	1606717.176	661.6099	7.055	C.07	156.221	1.18	00	33414.5598	30	33415.8121
	33	1608560.517	662.4010	7.065	C.08	156.276	1.18	00	33417.0653	30	33418.3193
	34	1610403.860	663.1922	7.074	C.08	156.332	1.19	00	33419.5741	30	33420.8296
14	35	1612247.206	663.9835	7.083	C.08	156.388	1.19	00	33422.0860	30	33423.3432
	36	1614090.554	664.7750	7.092	C.08	156.443	1.19	00	33424.6011	30	33425.8599
	37	1615933.905	665.5665	7.101	C.08	156.499	1.19	00	33427.1194	30	33428.3798
	38	1617777.259	666.3582	7.110	C.08	156.555	1.19	00	33429.6409	30	33430.9029
	39	1619620.615	667.1499	7.119	C.08	156.611	1.19	00	33432.1657	30	33433.4292
14	40	1621463.974	667.9418	7.128	C.08	156.667	1.19	00	33434.6936	30	33435.9587
	41	1623307.336	668.7338	7.137	C.08	156.724	1.19	00	33437.2247	30	33438.4914
	42	1625150.700	669.5260	7.146	C.08	156.780	1.19	00	33439.7590	30	33441.0273
	43	1626994.067	670.3182	7.155	C.08	156.836	1.19	00	33442.2965	30	33443.5664
	44	1628837.437	671.1106	7.165	C.08	156.893	1.20	00	33444.8372	30	33446.1087
14	45	1630680.809	671.9030	7.174	C.08	156.949	1.20	00	33447.3811	30	33448.6542
	46	1632524.184	672.6956	7.183	C.08	157.006	1.20	00	33449.9282	30	33451.2029
	47	1634367.562	673.4883	7.192	C.08	157.063	1.20	00	33452.4785	30	33453.7549
	48	1636210.942	674.2812	7.201	C.08	157.119	1.20	00	33455.0320	30	33456.3100
	49	1638054.325	675.0741	7.210	C.08	157.176	1.20	00	33457.5887	30	33458.8683
14	50	1639897.710	675.8672	7.219	C.08	157.233	1.20	00	33460.1487	30	33461.4298
	51	1641741.098	676.6604	7.228	C.08	157.290	1.20	00	33462.7118	30	33463.9946
	52	1643584.489	677.4537	7.238	C.08	157.347	1.20	00	33465.2782	30	33466.5626
	53	1645427.883	678.2471	7.247	C.08	157.404	1.20	00	33467.8477	30	33469.1337
	54	1647271.279	679.0406	7.256	C.08	157.462	1.20	00	33470.4205	30	33471.7081
14	55	1649114.678	679.8343	7.265	C.08	157.519	1.21	00	33472.9965	30	33474.2857
	56	1650958.079	680.6280	7.274	C.08	157.576	1.21	00	33475.5757	30	33476.8665
	57	1652801.484	681.4219	7.283	C.08	157.634	1.21	00	33478.1581	30	33479.4506
	58	1654644.891	682.2160	7.293	C.08	157.692	1.21	00	33480.7438	30	33482.0378
	59	1656488.300	683.0101	7.302	C.08	157.749	1.21	00	33483.3326	30	33484.6283
15	00	1658331.712	683.8043	7.311	C.08	157.807	1.21	00	33485.9247	30	33487.2220

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
15	0	1658331.712	683.8043	7.311	0.08	157.807	1.21	00	33485.9247	30	33487.2220
	1	1660175.127	684.5987	7.320	0.08	157.865	1.21	00	33488.5200	30	33489.8189
	2	1662018.545	685.3932	7.329	0.08	157.923	1.21	00	33491.1186	30	33492.4190
	3	1663861.966	686.1878	7.338	0.08	157.981	1.21	00	33493.7203	30	33495.0224
	4	1665705.389	686.9825	7.348	0.08	158.039	1.21	00	33496.3253	30	33497.6290
15	5	1667548.814	687.7774	7.357	0.08	158.097	1.22	00	33498.9335	30	33500.2388
	6	1669392.243	688.5724	7.366	0.08	158.155	1.22	00	33501.5449	30	33502.8518
	7	1671235.674	689.3674	7.375	0.08	158.214	1.22	00	33504.1596	30	33505.4681
	8	1673079.108	690.1627	7.384	0.08	158.272	1.22	00	33506.7775	30	33508.0876
	9	1674922.545	690.9580	7.394	0.08	158.330	1.22	00	33509.3986	30	33510.7103
15	10	1676765.984	691.7534	7.403	0.08	158.389	1.22	00	33512.0229	30	33513.3363
	11	1678609.426	692.5490	7.412	0.08	158.448	1.22	00	33514.6505	30	33515.9655
	12	1680452.871	693.3447	7.421	0.08	158.506	1.22	00	33517.2813	30	33518.5979
	13	1682296.319	694.1405	7.430	0.08	158.565	1.22	00	33519.9154	30	33521.2336
	14	1684139.769	694.9365	7.440	0.08	158.624	1.22	00	33522.5527	30	33523.8725
15	15	1685983.222	695.7325	7.449	0.08	158.683	1.23	00	33525.1932	30	33526.5147
	16	1687826.678	696.5287	7.458	0.08	158.742	1.23	00	33527.8370	30	33529.1601
	17	1689670.136	697.3250	7.467	0.08	158.801	1.23	00	33530.4840	30	33531.8087
	18	1691513.597	698.1214	7.477	0.08	158.861	1.23	00	33533.1342	30	33534.4606
	19	1693357.061	698.9180	7.486	0.08	158.920	1.23	00	33535.7877	30	33537.1157
15	20	1695200.528	699.7147	7.495	0.08	158.979	1.23	00	33538.4445	30	33539.7740
	21	1697043.997	700.5115	7.504	0.08	159.039	1.23	00	33541.1044	30	33542.4356
	22	1698887.470	701.3084	7.514	0.08	159.098	1.23	00	33543.7677	30	33545.1005
	23	1700730.944	702.1054	7.523	0.08	159.158	1.23	00	33546.4341	30	33547.7686
	24	1702574.422	702.9026	7.532	0.08	159.218	1.23	00	33549.1039	30	33550.4400
15	25	1704417.903	703.6999	7.541	0.08	159.278	1.24	00	33551.7768	30	33553.1146
	26	1706261.386	704.4973	7.551	0.08	159.338	1.24	00	33554.4531	30	33555.7924
	27	1708104.872	705.2948	7.560	0.08	159.398	1.24	00	33557.1326	30	33558.4735
	28	1709948.361	706.0925	7.569	0.08	159.458	1.24	00	33559.8153	30	33561.1579
	29	1711791.852	706.8903	7.579	0.08	159.518	1.24	00	33562.5013	30	33563.8455
15	30	1713635.346	707.6882	7.588	0.08	159.578	1.24	00	33565.1905	30	33566.5364
	31	1715478.843	708.4862	7.597	0.08	159.638	1.24	00	33567.8830	30	33569.2305
	32	1717322.343	709.2844	7.606	0.08	159.699	1.24	00	33570.5788	30	33571.9279
	33	1719165.846	710.0826	7.616	0.08	159.759	1.24	00	33573.2778	30	33574.6286
	34	1721009.351	710.8810	7.625	0.08	159.820	1.24	00	33575.9801	30	33577.3325
15	35	1722852.860	711.6796	7.634	0.08	159.881	1.25	00	33578.6857	30	33580.0397
	36	1724696.371	712.4782	7.644	0.08	159.941	1.25	00	33581.3945	30	33582.7501
	37	1726539.884	713.2770	7.653	0.08	160.002	1.25	00	33584.1066	30	33585.4638
	38	1728383.401	714.0759	7.662	0.08	160.063	1.25	00	33586.8219	30	33588.1808
	39	1730226.920	714.8750	7.672	0.08	160.124	1.25	00	33589.5405	30	33590.9011
15	40	1732070.442	715.6741	7.681	0.08	160.185	1.25	00	33592.2624	30	33593.6246
	41	1733913.967	716.4734	7.690	0.08	160.247	1.25	00	33594.9876	30	33596.3514
	42	1735757.495	717.2728	7.700	0.08	160.308	1.25	00	33597.7160	30	33599.0815
	43	1737601.026	718.0724	7.709	0.08	160.369	1.25	00	33600.4477	30	33601.8148
	44	1739444.559	718.8720	7.718	0.08	160.431	1.26	00	33603.1827	30	33604.5514
15	45	1741288.095	719.6718	7.728	0.08	160.492	1.26	00	33605.9209	30	33607.2913
	46	1743131.634	720.4717	7.737	0.08	160.554	1.26	00	33608.6625	30	33610.0345
	47	1744975.176	721.2718	7.746	0.08	160.615	1.26	00	33611.4073	30	33612.7809
	48	1746818.721	722.0719	7.756	0.08	160.677	1.26	00	33614.1554	30	33615.5306
	49	1748662.268	722.8722	7.765	0.08	160.739	1.26	00	33616.9067	30	33618.2836
15	50	1750505.819	723.6727	7.774	0.08	160.801	1.26	00	33619.6614	30	33621.0399
	51	1752349.372	724.4732	7.784	0.08	160.863	1.26	00	33622.4193	30	33623.7995
	52	1754192.928	725.2739	7.793	0.08	160.925	1.26	00	33625.1805	30	33626.5624
	53	1756036.486	726.0747	7.803	0.08	160.987	1.26	00	33627.9450	30	33629.3285
	54	1757880.048	726.8756	7.812	0.08	161.050	1.27	00	33630.7128	30	33632.0979
15	55	1759723.613	727.6767	7.821	0.08	161.112	1.27	00	33633.4839	30	33634.8707
	56	1761567.180	728.4779	7.831	0.08	161.175	1.27	00	33636.2583	30	33637.6467
	57	1763410.750	729.2792	7.840	0.08	161.237	1.27	00	33639.0359	30	33640.4260
	58	1765254.323	730.0807	7.850	0.08	161.300	1.27	00	33641.8169	30	33643.2086
	59	1767097.899	730.8823	7.859	0.08	161.362	1.27	00	33644.6011	30	33645.9945
16	00	1768941.478	731.6840	7.868	0.08	161.425	1.27	00	33647.3887	30	33648.7837

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
16	0	1768941.478	731.6840	7.868	0.08	161.425	1.27	00	33647.3887	30	33648.7837
	1	1770785.059	732.4858	7.878	0.08	161.488	1.27	00	33650.1795	30	33651.5761
	2	1772628.644	733.2878	7.887	0.08	161.551	1.27	00	33652.9736	30	33654.3719
	3	1774472.231	734.0899	7.897	0.08	161.614	1.28	00	33655.7711	30	33657.1710
	4	1776315.821	734.8921	7.906	0.09	161.677	1.28	00	33658.5718	30	33659.9734
16	5	1778159.414	735.6945	7.915	0.09	161.741	1.28	00	33661.3758	30	33662.7791
	6	1780003.010	736.4970	7.925	0.09	161.804	1.28	00	33664.1832	30	33665.5881
	7	1781846.609	737.2996	7.934	0.09	161.867	1.28	00	33666.9938	30	33668.4004
	8	1783690.210	738.1023	7.944	0.09	161.931	1.28	00	33669.8077	30	33671.2160
	9	1785533.815	738.9052	7.953	0.09	161.995	1.28	00	33672.6250	30	33674.0349
16	10	1787377.422	739.7082	7.963	0.09	162.058	1.28	00	33675.4456	30	33676.8571
	11	1789221.032	740.5114	7.972	0.09	162.122	1.28	00	33678.2694	30	33679.6826
	12	1791064.646	741.3146	7.982	0.09	162.186	1.29	00	33681.0966	30	33682.5114
	13	1792908.262	742.1180	7.991	0.09	162.250	1.29	00	33683.9271	30	33685.3436
	14	1794751.881	742.9216	8.000	0.09	162.314	1.29	00	33686.7609	30	33688.1791
16	15	1796595.502	743.7252	8.010	0.09	162.378	1.29	00	33689.5980	30	33691.0178
	16	1798439.127	744.5290	8.019	0.09	162.442	1.29	00	33692.4385	30	33693.8599
	17	1800282.755	745.3330	8.029	0.09	162.507	1.29	00	33695.2822	30	33696.7053
	18	1802126.385	746.1370	8.038	0.09	162.571	1.29	00	33698.1293	30	33699.5541
	19	1803970.019	746.9412	8.048	0.09	162.635	1.29	00	33700.9797	30	33702.4061
16	20	1805813.655	747.7455	8.057	0.09	162.700	1.29	00	33703.8334	30	33705.2615
	21	1807657.294	748.5500	8.067	0.09	162.765	1.30	00	33706.6904	30	33708.1202
	22	1809500.936	749.3546	8.076	0.09	162.829	1.30	00	33709.5508	30	33710.9822
	23	1811344.581	750.1593	8.086	0.09	162.894	1.30	00	33712.4145	30	33713.8476
	24	1813188.229	750.9642	8.095	0.09	162.959	1.30	00	33715.2815	30	33716.7162
16	25	1815031.880	751.7692	8.105	0.09	163.024	1.30	00	33718.1518	30	33719.5882
	26	1816875.534	752.5743	8.114	0.09	163.089	1.30	00	33721.0255	30	33722.4636
	27	1818719.191	753.3796	8.124	0.09	163.154	1.30	00	33723.9025	30	33725.3422
	28	1820562.850	754.1849	8.133	0.09	163.220	1.30	00	33726.7828	30	33728.2242
	29	1822406.513	754.9905	8.143	0.09	163.285	1.30	00	33729.6665	30	33731.1096
16	30	1824250.178	755.7961	8.153	0.09	163.350	1.31	00	33732.5535	30	33733.9982
	31	1826093.847	756.6019	8.162	0.09	163.416	1.31	00	33735.4438	30	33736.8903
	32	1827937.518	757.4079	8.172	0.09	163.482	1.31	00	33738.3375	30	33739.7856
	33	1829781.193	758.2139	8.181	0.09	163.547	1.31	00	33741.2345	30	33742.6843
	34	1831624.870	759.0201	8.191	0.09	163.613	1.31	00	33744.1349	30	33745.5863
16	35	1833468.550	759.8265	8.200	0.09	163.679	1.31	00	33747.0386	30	33748.4917
	36	1835312.233	760.6329	8.210	0.09	163.745	1.31	00	33749.9456	30	33751.4004
	37	1837155.919	761.4395	8.219	0.09	163.811	1.31	00	33752.8560	30	33754.3124
	38	1838999.608	762.2463	8.229	0.09	163.877	1.31	00	33755.7697	30	33757.2278
	39	1840843.300	763.0531	8.239	0.09	163.943	1.32	00	33758.6868	30	33760.1466
16	40	1842686.995	763.8602	8.248	0.09	164.010	1.32	00	33761.6072	30	33763.0687
	41	1844530.693	764.6673	8.258	0.09	164.076	1.32	00	33764.5310	30	33765.9941
	42	1846374.394	765.4746	8.267	0.09	164.143	1.32	00	33767.4581	30	33768.9229
	43	1848218.098	766.2820	8.277	0.09	164.209	1.32	00	33770.3886	30	33771.8551
	44	1850061.805	767.0896	8.286	0.09	164.276	1.32	00	33773.3224	30	33774.7906
16	45	1851905.515	767.8972	8.296	0.09	164.343	1.32	00	33776.2596	30	33777.7294
	46	1853749.228	768.7051	8.306	0.09	164.410	1.32	00	33779.2001	30	33780.6717
	47	1855592.943	769.5130	8.315	0.09	164.477	1.33	00	33782.1440	30	33783.6172
	48	1857436.662	770.3211	8.325	0.09	164.544	1.33	00	33785.0913	30	33786.5662
	49	1859280.384	771.1294	8.335	0.09	164.611	1.33	00	33788.0419	30	33789.5185
16	50	1861124.109	771.9378	8.344	0.09	164.678	1.33	00	33790.9959	30	33792.4741
	51	1862967.836	772.7463	8.354	0.09	164.745	1.33	00	33793.9532	30	33795.4332
	52	1864811.567	773.5549	8.363	0.09	164.813	1.33	00	33796.9139	30	33798.3956
	53	1866655.301	774.3637	8.373	0.09	164.880	1.33	00	33799.8780	30	33801.3613
	54	1868499.037	775.1727	8.383	0.09	164.948	1.33	00	33802.8455	30	33804.3304
16	55	1870342.777	775.9817	8.392	0.09	165.016	1.33	00	33805.8163	30	33807.3029
	56	1872186.520	776.7909	8.402	0.09	165.083	1.34	00	33808.7905	30	33810.2788
	57	1874030.265	777.6003	8.412	0.09	165.151	1.34	00	33811.7680	30	33813.2581
	58	1875874.014	778.4098	8.421	0.09	165.219	1.34	00	33814.7489	30	33816.2407
	59	1877717.766	779.2194	8.431	0.09	165.287	1.34	00	33817.7332	30	33819.2267
17	00	1879561.520	780.0291	8.441	0.09	165.356	1.34	00	33820.7209	30	33822.2160

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
17	0	1879561.520	780.0291	8.441	0.09	165.356	1.34	00	33820.7209	30	33822.2160
	1	1881405.278	780.8390	8.450	0.09	165.424	1.34	00	33823.7120	30	33825.2088
	2	1883249.039	781.6491	8.460	0.09	165.492	1.34	00	33826.7064	30	33828.2049
	3	1885092.803	782.4593	8.470	0.09	165.561	1.34	00	33829.7042	30	33831.2044
	4	1886936.569	783.2696	8.479	0.09	165.629	1.35	00	33832.7054	30	33834.2073
17	5	1888780.339	784.0800	8.489	0.09	165.698	1.35	00	33835.7100	30	33837.2136
	6	1890624.112	784.8906	8.499	0.09	165.766	1.35	00	33838.7180	30	33840.2232
	7	1892467.888	785.7014	8.508	0.09	165.835	1.35	00	33841.7293	30	33843.2363
	8	1894311.667	786.5123	8.518	0.09	165.904	1.35	00	33844.7441	30	33846.2527
	9	1896155.449	787.3233	8.528	0.09	165.973	1.35	00	33847.7622	30	33849.2725
17	10	1897999.234	788.1345	8.538	0.09	166.042	1.35	00	33850.7837	30	33852.2958
	11	1899843.022	788.9458	8.547	0.09	166.111	1.35	00	33853.8086	30	33855.3224
	12	1901686.813	789.7572	8.557	0.09	166.180	1.36	00	33856.8369	30	33858.3524
	13	1903530.607	790.5688	8.567	0.09	166.250	1.36	00	33859.8686	30	33861.3858
	14	1905374.404	791.3805	8.576	0.09	166.319	1.36	00	33862.9037	30	33864.4226
17	15	1907218.204	792.1924	8.586	0.09	166.389	1.36	00	33865.9422	30	33867.4627
	16	1909062.007	793.0044	8.596	0.09	166.458	1.36	00	33868.9841	30	33870.5063
	17	1910905.813	793.8166	8.606	0.09	166.528	1.36	00	33872.0294	30	33873.5533
	18	1912749.623	794.6288	8.615	0.09	166.598	1.36	00	33875.0781	30	33876.6037
	19	1914593.435	795.4413	8.625	0.09	166.668	1.36	00	33878.1302	30	33879.6575
17	20	1916437.251	796.2539	8.635	0.09	166.738	1.36	00	33881.1857	30	33882.7147
	21	1918281.069	797.0666	8.645	0.09	166.808	1.37	00	33884.2446	30	33885.7753
	22	1920124.891	797.8795	8.654	0.09	166.878	1.37	00	33887.3069	30	33888.8394
	23	1921968.715	798.6925	8.664	0.09	166.948	1.37	00	33890.3726	30	33891.9068
	24	1923812.543	799.5056	8.674	0.09	167.019	1.37	00	33893.4418	30	33894.9776
17	25	1925656.374	800.3189	8.684	0.09	167.089	1.37	00	33896.5143	30	33898.0519
	26	1927500.208	801.1324	8.694	0.09	167.160	1.37	00	33899.5903	30	33901.1296
	27	1929344.045	801.9459	8.703	0.09	167.230	1.37	00	33902.6697	30	33904.2106
	28	1931187.885	802.7597	8.713	0.09	167.301	1.37	00	33905.7525	30	33907.2951
	29	1933031.728	803.5735	8.723	0.10	167.372	1.38	00	33908.8387	30	33910.3831
17	30	1934875.574	804.3876	8.733	0.10	167.443	1.38	00	33911.9283	30	33913.4744
	31	1936719.424	805.2017	8.743	0.10	167.514	1.38	00	33915.0213	30	33916.5692
	32	1938563.276	806.0160	8.752	0.10	167.585	1.38	00	33918.1178	30	33919.6673
	33	1940407.132	806.8305	8.762	0.10	167.656	1.38	00	33921.2177	30	33922.7689
	34	1942250.990	807.6451	8.772	0.10	167.727	1.38	00	33924.3210	30	33925.8740
17	35	1944094.852	808.4598	8.782	0.10	167.799	1.38	00	33927.4278	30	33928.9824
	36	1945938.717	809.2747	8.792	0.10	167.870	1.38	00	33930.5380	30	33932.0943
	37	1947782.585	810.0897	8.801	0.10	167.942	1.39	00	33933.6516	30	33935.2097
	38	1949626.456	810.9049	8.811	0.10	168.014	1.39	00	33936.7686	30	33938.3284
	39	1951470.330	811.7202	8.821	0.10	168.085	1.39	00	33939.8891	30	33941.4506
17	40	1953314.207	812.5357	8.831	0.10	168.157	1.39	00	33943.0130	30	33944.5762
	41	1955158.087	813.3513	8.841	0.10	168.229	1.39	00	33946.1403	30	33947.7053
	42	1957001.971	814.1671	8.851	0.10	168.301	1.39	00	33949.2711	30	33950.8378
	43	1958845.858	814.9830	8.861	0.10	168.373	1.39	00	33952.4053	30	33953.9737
	44	1960689.747	815.7991	8.870	0.10	168.446	1.40	00	33955.5430	30	33957.1131
17	45	1962533.640	816.6153	8.880	0.10	168.518	1.40	00	33958.6841	30	33960.2559
	46	1964377.536	817.4316	8.890	0.10	168.590	1.40	00	33961.8286	30	33963.4022
	47	1966221.435	818.2481	8.900	0.10	168.663	1.40	00	33964.9766	30	33966.5519
	48	1968065.338	819.0648	8.910	0.10	168.736	1.40	00	33968.1280	30	33969.7050
	49	1969909.243	819.8815	8.920	0.10	168.808	1.40	00	33971.2829	30	33972.8616
17	50	1971753.151	820.6985	8.930	0.10	168.881	1.40	00	33974.4412	30	33976.0217
	51	1973597.063	821.5156	8.940	0.10	168.954	1.40	00	33977.6030	30	33979.1852
	52	1975440.978	822.3328	8.950	0.10	169.027	1.41	00	33980.7682	30	33982.3521
	53	1977284.896	823.1502	8.960	0.10	169.100	1.41	00	33983.9369	30	33985.5225
	54	1979128.817	823.9677	8.969	0.10	169.173	1.41	00	33987.1090	30	33988.6964
17	55	1980972.741	824.7854	8.979	0.10	169.247	1.41	00	33990.2846	30	33991.8737
	56	1982816.669	825.6032	8.989	0.10	169.320	1.41	00	33993.4637	30	33995.0545
	57	1984660.599	826.4212	8.999	0.10	169.393	1.41	00	33996.6462	30	33998.2388
	58	1986504.533	827.2394	9.009	0.10	169.467	1.41	00	33999.8322	30	34001.4265
	59	1988348.470	828.0576	9.019	0.10	169.541	1.41	00	34003.0216	30	34004.6176
18	00	1990192.410	828.8761	9.029	0.10	169.614	1.42	00	34006.2145	30	34007.8123

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
18	0	1990192.410	828.8761	9.029	0.10	169.614	1.42	00	34006.2145	30	34007.8123
	1	1992036.353	829.6946	9.039	0.10	169.688	1.42	00	34009.4109	30	34011.0104
	2	1993880.300	830.5134	9.049	0.10	169.762	1.42	00	34012.6107	30	34014.2119
	3	1995724.249	831.3322	9.059	0.10	169.836	1.42	00	34015.8140	30	34017.4170
	4	1997568.202	832.1513	9.069	0.10	169.910	1.42	00	34019.0208	30	34020.6255
18	5	1999412.158	832.9705	9.079	0.10	169.985	1.42	00	34022.2318	30	34023.8375
	6	2001256.117	833.7898	9.089	0.10	170.059	1.42	00	34025.4448	30	34027.0529
	7	2003100.080	834.6093	9.099	0.10	170.134	1.43	00	34028.6619	30	34030.2718
	8	2004944.045	835.4289	9.109	0.10	170.208	1.43	00	34031.8826	30	34033.4943
	9	2006788.014	836.2487	9.119	0.10	170.283	1.43	00	34035.1068	30	34036.7201
18	10	2008631.986	837.0686	9.129	0.10	170.357	1.43	00	34038.3344	30	34039.9495
	11	2010475.961	837.8887	9.139	0.10	170.432	1.43	00	34041.5655	30	34043.1824
	12	2012319.939	838.7089	9.149	0.10	170.507	1.43	00	34044.8001	30	34046.4187
	13	2014163.920	839.5293	9.159	0.10	170.582	1.43	00	34048.0382	30	34049.6585
	14	2016007.905	840.3499	9.169	0.10	170.657	1.43	00	34051.2797	30	34052.9018
18	15	2017851.893	841.1706	9.179	0.10	170.733	1.44	00	34054.5248	30	34056.1486
	16	2019695.884	841.9914	9.189	0.10	170.808	1.44	00	34057.7733	30	34059.3989
	17	2021539.878	842.8124	9.199	0.10	170.883	1.44	00	34061.0253	30	34062.6527
	18	2023383.876	843.6336	9.209	0.10	170.959	1.44	00	34064.2809	30	34065.9099
	19	2025227.877	844.4549	9.219	0.10	171.035	1.44	00	34067.5399	30	34069.1707
18	20	2027071.880	845.2763	9.229	0.10	171.110	1.44	00	34070.8024	30	34072.4349
	21	2028915.888	846.0980	9.239	0.10	171.186	1.44	00	34074.0684	30	34075.7027
	22	2030759.898	846.9197	9.249	0.10	171.262	1.45	00	34077.3379	30	34078.9740
	23	2032603.912	847.7416	9.259	0.10	171.338	1.45	00	34080.6109	30	34082.2487
	24	2034447.928	848.5637	9.269	0.10	171.414	1.45	00	34083.8874	30	34085.5270
18	25	2036291.948	849.3859	9.279	0.10	171.490	1.45	00	34087.1674	30	34088.8087
	26	2038135.972	850.2083	9.289	0.10	171.567	1.45	00	34090.4509	30	34092.0940
	27	2039979.998	851.0309	9.300	0.10	171.643	1.45	00	34093.7379	30	34095.3828
	28	2041824.028	851.8535	9.310	0.10	171.720	1.45	00	34097.0285	30	34098.6750
	29	2043668.061	852.6764	9.320	0.10	171.796	1.45	00	34100.3225	30	34101.9708
18	30	2045512.097	853.4994	9.330	0.10	171.873	1.46	00	34103.6200	30	34105.2701
	31	2047356.137	854.3226	9.340	0.10	171.950	1.46	00	34106.9211	30	34108.5729
	32	2049200.179	855.1459	9.350	0.10	172.027	1.46	00	34110.2257	30	34111.8793
	33	2051044.225	855.9693	9.360	0.10	172.104	1.46	00	34113.5338	30	34115.1891
	34	2052888.274	856.7930	9.370	0.10	172.181	1.46	00	34116.8454	30	34118.5025
18	35	2054732.327	857.6167	9.380	0.10	172.258	1.46	00	34120.1605	30	34121.8194
	36	2056576.383	858.4407	9.391	0.10	172.335	1.46	00	34123.4791	30	34125.1398
	37	2058420.442	859.2648	9.401	0.10	172.413	1.47	00	34126.8013	30	34128.4637
	38	2060264.504	860.0890	9.411	0.10	172.490	1.47	00	34130.1270	30	34131.7912
	39	2062108.569	860.9134	9.421	0.10	172.568	1.47	00	34133.4562	30	34135.1221
18	40	2063952.638	861.7380	9.431	0.10	172.645	1.47	00	34136.7890	30	34138.4566
	41	2065796.710	862.5627	9.441	0.10	172.723	1.47	00	34140.1252	30	34141.7947
	42	2067640.786	863.3876	9.451	0.10	172.801	1.47	00	34143.4650	30	34145.1363
	43	2069484.864	864.2126	9.462	0.10	172.879	1.47	00	34146.8084	30	34148.4814
	44	2071328.946	865.0378	9.472	0.10	172.957	1.48	00	34150.1552	30	34151.8300
18	45	2073173.031	865.8631	9.482	0.10	173.035	1.48	00	34153.5056	30	34155.1822
	46	2075017.120	866.6886	9.492	0.10	173.114	1.48	00	34156.8596	30	34158.5379
	47	2076861.211	867.5143	9.502	0.11	173.192	1.48	00	34160.2170	30	34161.8971
	48	2078705.306	868.3401	9.513	0.11	173.271	1.48	00	34163.5781	30	34165.2599
	49	2080549.405	869.1661	9.523	0.11	173.349	1.48	00	34166.9426	30	34168.6262
18	50	2082393.506	869.9923	9.533	0.11	173.428	1.48	00	34170.3107	30	34171.9961
	51	2084237.611	870.8185	9.543	0.11	173.507	1.49	00	34173.6824	30	34175.3695
	52	2086081.719	871.6450	9.553	0.11	173.586	1.49	00	34177.0576	30	34178.7465
	53	2087925.831	872.4716	9.564	0.11	173.665	1.49	00	34180.4363	30	34182.1270
	54	2089769.945	873.2984	9.574	0.11	173.744	1.49	00	34183.8186	30	34185.5111
18	55	2091614.063	874.1253	9.584	0.11	173.823	1.49	00	34187.2044	30	34188.8987
	56	2093458.185	874.9524	9.594	0.11	173.902	1.49	00	34190.5938	30	34192.2898
	57	2095302.310	875.7797	9.604	0.11	173.982	1.49	00	34193.9868	30	34195.6846
	58	2097146.438	876.6071	9.615	0.11	174.061	1.50	00	34197.3833	30	34199.0829
	59	2098990.569	877.4347	9.625	0.11	174.141	1.50	00	34200.7833	30	34202.4847
19	00	2100834.703	878.2624	9.635	0.11	174.221	1.50	00	34204.1870	30	34205.8901

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
19	0	2100834.703	878.2624	9.635	0.11	174.221	1.50	00	34204.1870	30	34205.8901
	1	2102678.841	879.0903	9.645	0.11	174.300	1.50	00	34207.5941	30	34209.2991
	2	2104522.983	879.9184	9.656	0.11	174.380	1.50	00	34211.0049	30	34212.7116
	3	2106367.127	880.7466	9.666	0.11	174.460	1.50	00	34214.4192	30	34216.1277
	4	2108211.275	881.5750	9.676	0.11	174.540	1.50	00	34217.8371	30	34219.5473
19	5	2110055.426	882.4035	9.687	0.11	174.621	1.51	00	34221.2585	30	34222.9706
	6	2111899.581	883.2322	9.697	0.11	174.701	1.51	00	34224.6835	30	34226.3974
	7	2113743.739	884.0611	9.707	0.11	174.781	1.51	00	34228.1121	30	34229.8277
	8	2115587.900	884.8901	9.717	0.11	174.862	1.51	00	34231.5443	30	34233.2617
	9	2117432.065	885.7193	9.728	0.11	174.943	1.51	00	34234.9800	30	34236.6992
19	10	2119276.233	886.5486	9.738	0.11	175.023	1.51	00	34238.4193	30	34240.1403
	11	2121120.404	887.3782	9.748	0.11	175.104	1.51	00	34241.8622	30	34243.5850
	12	2122964.579	888.2078	9.759	0.11	175.185	1.52	00	34245.3087	30	34247.0332
	13	2124808.757	889.0377	9.769	0.11	175.266	1.52	00	34248.7587	30	34250.4851
	14	2126652.938	889.8677	9.779	0.11	175.347	1.52	00	34252.2123	30	34253.9405
19	15	2128497.123	890.6978	9.790	0.11	175.429	1.52	00	34255.6695	30	34257.3995
	16	2130341.311	891.5282	9.800	0.11	175.510	1.52	00	34259.1303	30	34260.8621
	17	2132185.502	892.3587	9.810	0.11	175.592	1.52	00	34262.5947	30	34264.3283
	18	2134029.697	893.1893	9.821	0.11	175.673	1.52	00	34266.0627	30	34267.7980
	19	2135873.895	894.0202	9.831	0.11	175.755	1.53	00	34269.5343	30	34271.2714
19	20	2137718.096	894.8511	9.841	0.11	175.837	1.53	00	34273.0094	30	34274.7484
	21	2139562.301	895.6823	9.852	0.11	175.918	1.53	00	34276.4882	30	34278.2289
	22	2141406.509	896.5136	9.862	0.11	176.000	1.53	00	34279.9705	30	34281.7131
	23	2143250.721	897.3451	9.873	0.11	176.083	1.53	00	34283.4565	30	34285.2008
	24	2145094.936	898.1767	9.883	0.11	176.165	1.53	00	34286.9460	30	34288.6922
19	25	2146939.154	899.0085	9.893	0.11	176.247	1.54	00	34290.4392	30	34292.1871
	26	2148783.376	899.8405	9.904	0.11	176.329	1.54	00	34293.9359	30	34295.6857
	27	2150627.601	900.6727	9.914	0.11	176.412	1.54	00	34297.4363	30	34299.1878
	28	2152471.830	901.5050	9.925	0.11	176.495	1.54	00	34300.9402	30	34302.6936
	29	2154316.061	902.3374	9.935	0.11	176.577	1.54	00	34304.4478	30	34306.2030
19	30	2156160.297	903.1701	9.945	0.11	176.660	1.54	00	34307.9590	30	34309.7159
	31	2158004.535	904.0029	9.956	0.11	176.743	1.54	00	34311.4738	30	34313.2325
	32	2159848.777	904.8358	9.966	0.11	176.826	1.55	00	34314.9922	30	34316.7528
	33	2161693.023	905.6690	9.977	0.11	176.909	1.55	00	34318.5142	30	34320.2766
	34	2163537.272	906.5023	9.987	0.11	176.992	1.55	00	34322.0399	30	34323.8040
19	35	2165381.524	907.3358	9.998	0.11	177.076	1.55	00	34325.5691	30	34327.3351
	36	2167225.780	908.1694	10.008	0.11	177.159	1.55	00	34329.1020	30	34330.8698
	37	2169070.039	909.0032	10.018	0.11	177.243	1.55	00	34332.6385	30	34334.4081
	38	2170914.301	909.8372	10.029	0.11	177.327	1.56	00	34336.1786	30	34337.9500
	39	2172758.567	910.6713	10.039	0.11	177.410	1.56	00	34339.7224	30	34341.4956
19	40	2174602.836	911.5056	10.050	0.11	177.494	1.56	00	34343.2697	30	34345.0448
	41	2176447.109	912.3401	10.060	0.11	177.578	1.56	00	34346.8208	30	34348.5976
	42	2178291.385	913.1748	10.071	0.11	177.662	1.56	00	34350.3754	30	34352.1541
	43	2180135.665	914.0096	10.081	0.11	177.746	1.56	00	34353.9337	30	34355.7142
	44	2181979.948	914.8446	10.092	0.11	177.831	1.56	00	34357.4956	30	34359.2779
19	45	2183824.234	915.6797	10.102	0.11	177.915	1.57	00	34361.0611	30	34362.8452
	46	2185668.524	916.5150	10.113	0.11	178.000	1.57	00	34364.6303	30	34366.4162
	47	2187512.817	917.3505	10.123	0.11	178.084	1.57	00	34368.2031	30	34369.9909
	48	2189357.114	918.1862	10.134	0.11	178.169	1.57	00	34371.7795	30	34373.5691
	49	2191201.414	919.0220	10.144	0.11	178.254	1.57	00	34375.3596	30	34377.1511
19	50	2193045.718	919.8580	10.155	0.11	178.339	1.57	00	34378.9434	30	34380.7366
	51	2194890.025	920.6942	10.166	0.11	178.424	1.58	00	34382.5308	30	34384.3258
	52	2196734.335	921.5305	10.176	0.11	178.509	1.58	00	34386.1218	30	34387.9187
	53	2198578.649	922.3671	10.187	0.11	178.594	1.58	00	34389.7165	30	34391.5152
	54	2200422.967	923.2037	10.197	0.11	178.680	1.58	00	34393.3148	30	34395.1154
19	55	2202267.287	924.0406	10.208	0.11	178.765	1.58	00	34396.9168	30	34398.7192
	56	2204111.612	924.8776	10.218	0.11	178.851	1.58	00	34400.5225	30	34402.3267
	57	2205955.939	925.7148	10.229	0.11	178.937	1.58	00	34404.1318	30	34405.9378
	58	2207800.271	926.5522	10.239	0.11	179.022	1.59	00	34407.7447	30	34409.5526
	59	2209644.605	927.3897	10.250	0.11	179.108	1.59	00	34411.3614	30	34413.1710
20	00	2211488.943	928.2274	10.261	0.11	179.194	1.59	00	34414.9817	30	34416.7932

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
20	0	2211488.943	928.2274	10.261	0.11	179.194	1.59	00	34414.9817	30	34416.7932
	1	2213333.285	929.0653	10.271	0.12	179.280	1.59	00	34418.6056	30	34420.4190
	2	2215177.630	929.9034	10.282	0.12	179.367	1.59	00	34422.2332	30	34424.0484
	3	2217021.978	930.7416	10.292	0.12	179.453	1.59	00	34425.8645	30	34427.6815
	4	2218866.330	931.5800	10.303	0.12	179.539	1.60	00	34429.4995	30	34431.3183
20	5	2220710.686	932.4186	10.314	0.12	179.626	1.60	00	34433.1381	30	34434.9588
	6	2222555.045	933.2573	10.324	0.12	179.713	1.60	00	34436.7804	30	34438.6029
	7	2224399.407	934.0962	10.335	0.12	179.799	1.60	00	34440.4263	30	34442.2507
	8	2226243.773	934.9353	10.346	0.12	179.886	1.60	00	34444.0760	30	34445.9022
	9	2228088.143	935.7746	10.356	0.12	179.973	1.60	00	34447.7293	30	34449.5574
20	10	2229932.515	936.6140	10.367	0.12	180.061	1.61	00	34451.3863	30	34453.2162
	11	2231776.892	937.4537	10.377	0.12	180.148	1.61	00	34455.0470	30	34456.8787
	12	2233621.272	938.2935	10.388	0.12	180.235	1.61	00	34458.7114	30	34460.5450
	13	2235465.655	939.1334	10.399	0.12	180.323	1.61	00	34462.3795	30	34464.2149
	14	2237310.042	939.9736	10.409	0.12	180.410	1.61	00	34466.0512	30	34467.8885
20	15	2239154.432	940.8139	10.420	0.12	180.498	1.61	00	34469.7266	30	34471.5657
	16	2240998.826	941.6544	10.431	0.12	180.585	1.62	00	34473.4058	30	34475.2467
	17	2242843.223	942.4950	10.442	0.12	180.673	1.62	00	34477.0886	30	34478.9314
	18	2244687.624	943.3359	10.452	0.12	180.761	1.62	00	34480.7751	30	34482.6197
	19	2246532.029	944.1769	10.463	0.12	180.849	1.62	00	34484.4653	30	34486.3118
20	20	2248376.437	945.0181	10.474	0.12	180.938	1.62	00	34488.1592	30	34490.0076
	21	2250220.848	945.8594	10.484	0.12	181.026	1.62	00	34491.8568	30	34493.7070
	22	2252065.263	946.7010	10.495	0.12	181.114	1.63	00	34495.5581	30	34497.4102
	23	2253909.681	947.5427	10.506	0.12	181.203	1.63	00	34499.2632	30	34501.1170
	24	2255754.103	948.3846	10.517	0.12	181.292	1.63	00	34502.9719	30	34504.8276
20	25	2257598.529	949.2267	10.527	0.12	181.380	1.63	00	34506.6843	30	34508.5419
	26	2259442.958	950.0689	10.538	0.12	181.469	1.63	00	34510.4004	30	34512.2599
	27	2261287.390	950.9113	10.549	0.12	181.558	1.63	00	34514.1203	30	34515.9816
	28	2263131.826	951.7539	10.559	0.12	181.647	1.64	00	34517.8438	30	34519.7070
	29	2264976.266	952.5967	10.570	0.12	181.737	1.64	00	34521.5711	30	34523.4362
20	30	2266820.709	953.4397	10.581	0.12	181.826	1.64	00	34525.3021	30	34527.1690
	31	2268665.156	954.2828	10.592	0.12	181.915	1.64	00	34529.0368	30	34530.9056
	32	2270509.606	955.1261	10.603	0.12	182.005	1.64	00	34532.7753	30	34534.6459
	33	2272354.060	955.9696	10.613	0.12	182.095	1.64	00	34536.5174	30	34538.3899
	34	2274198.517	956.8133	10.624	0.12	182.184	1.65	00	34540.2633	30	34542.1376
20	35	2276042.978	957.6571	10.635	0.12	182.274	1.65	00	34544.0129	30	34545.8891
	36	2277887.442	958.5012	10.646	0.12	182.364	1.65	00	34547.7662	30	34549.6443
	37	2279731.910	959.3454	10.657	0.12	182.454	1.65	00	34551.5233	30	34553.4032
	38	2281576.382	960.1898	10.667	0.12	182.545	1.65	00	34555.2841	30	34557.1659
	39	2283420.857	961.0343	10.678	0.12	182.635	1.65	00	34559.0486	30	34560.9323
20	40	2285265.335	961.8791	10.689	0.12	182.725	1.66	00	34562.8169	30	34564.7024
	41	2287109.817	962.7240	10.700	0.12	182.816	1.66	00	34566.5889	30	34568.4763
	42	2288954.303	963.5691	10.711	0.12	182.907	1.66	00	34570.3646	30	34572.2539
	43	2290798.792	964.4144	10.722	0.12	182.997	1.66	00	34574.1441	30	34576.0352
	44	2292643.285	965.2599	10.732	0.12	183.088	1.66	00	34577.9273	30	34579.8203
20	45	2294487.782	966.1055	10.743	0.12	183.179	1.66	00	34581.7143	30	34583.6092
	46	2296332.282	966.9514	10.754	0.12	183.270	1.67	00	34585.5050	30	34587.4018
	47	2298176.785	967.7974	10.765	0.12	183.362	1.67	00	34589.2995	30	34591.1981
	48	2300021.292	968.6436	10.776	0.12	183.453	1.67	00	34593.0977	30	34594.9982
	49	2301865.803	969.4899	10.787	0.12	183.544	1.67	00	34596.8996	30	34598.8020
20	50	2303710.318	970.3365	10.798	0.12	183.636	1.67	00	34600.7054	30	34602.6096
	51	2305554.835	971.1832	10.809	0.12	183.728	1.67	00	34604.5148	30	34606.4210
	52	2307399.357	972.0301	10.819	0.12	183.819	1.68	00	34608.3281	30	34610.2361
	53	2309243.882	972.8772	10.830	0.12	183.911	1.68	00	34612.1451	30	34614.0550
	54	2311088.411	973.7245	10.841	0.12	184.003	1.68	00	34615.9658	30	34617.8776
20	55	2312932.943	974.5720	10.852	0.12	184.096	1.68	00	34619.7903	30	34621.7040
	56	2314777.479	975.4197	10.863	0.12	184.188	1.68	00	34623.6186	30	34625.5342
	57	2316622.018	976.2675	10.874	0.12	184.280	1.68	00	34627.4507	30	34629.3681
	58	2318466.561	977.1155	10.885	0.12	184.373	1.69	00	34631.2865	30	34633.2058
	59	2320311.108	977.9637	10.896	0.12	184.465	1.69	00	34635.1261	30	34637.0473
21	00	2322155.658	978.8121	10.907	0.12	184.558	1.69	00	34638.9695	30	34640.8926

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSC DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
21	0	2322155.658	978.8121	10.907	C.12	184.558	1.69	00	34638.9695	30	34640.8926
	1	2324000.212	979.6607	10.918	0.12	184.651	1.69	00	34642.8166	30	34644.7416
	2	2325844.770	980.5094	10.929	C.12	184.744	1.69	00	34646.6675	30	34648.5944
	3	2327689.331	981.3583	10.940	0.12	184.837	1.70	00	34650.5222	30	34652.4510
	4	2329533.896	982.2075	10.951	C.12	184.930	1.70	00	34654.3807	30	34656.3113
21	5	2331378.464	983.0568	10.962	C.12	185.023	1.70	00	34658.2429	30	34660.1755
	6	2333223.036	983.9063	10.973	0.12	185.117	1.70	00	34662.1090	30	34664.0434
	7	2335067.612	984.7559	10.984	C.12	185.210	1.70	00	34665.9788	30	34667.9152
	8	2336912.191	985.6058	10.995	C.12	185.304	1.70	00	34669.8524	30	34671.7907
	9	2338756.774	986.4558	11.006	0.13	185.398	1.71	00	34673.7299	30	34675.6700
21	10	2340601.360	987.3061	11.017	C.13	185.492	1.71	00	34677.6111	30	34679.5531
	11	2342445.950	988.1565	11.028	C.13	185.586	1.71	00	34681.4961	30	34683.4400
	12	2344290.544	989.0071	11.039	0.13	185.680	1.71	00	34685.3848	30	34687.3307
	13	2346135.141	989.8579	11.050	C.13	185.774	1.71	00	34689.2774	30	34691.2252
	14	2347979.742	990.7089	11.061	C.13	185.868	1.71	00	34693.1738	30	34695.1235
21	15	2349824.347	991.5600	11.072	C.13	185.963	1.72	00	34697.0740	30	34699.0256
	16	2351668.955	992.4114	11.083	0.13	186.057	1.72	00	34700.9780	30	34702.9315
	17	2353513.567	993.2629	11.094	0.13	186.152	1.72	00	34704.8858	30	34706.8412
	18	2355358.183	994.1147	11.105	C.13	186.247	1.72	00	34708.7974	30	34710.7547
	19	2357202.802	994.9666	11.116	C.13	186.342	1.72	00	34712.7129	30	34714.6720
21	20	2359047.425	995.8187	11.127	0.13	186.437	1.73	00	34716.6321	30	34718.5932
	21	2360892.051	996.6710	11.138	C.13	186.532	1.73	00	34720.5552	30	34722.5181
	22	2362736.682	997.5234	11.149	C.13	186.627	1.73	00	34724.4820	30	34726.4469
	23	2364581.315	998.3761	11.161	0.13	186.723	1.73	00	34728.4127	30	34730.3795
	24	2366425.953	999.2290	11.172	C.13	186.818	1.73	00	34732.3472	30	34734.3159
21	25	2368270.594	1000.0820	11.183	C.13	186.914	1.73	00	34736.2855	30	34738.2561
	26	2370115.239	1000.9352	11.194	C.13	187.010	1.74	00	34740.2277	30	34742.2002
	27	2371959.888	1001.7887	11.205	C.13	187.106	1.74	00	34744.1737	30	34746.1481
	28	2373804.540	1002.6423	11.216	C.13	187.202	1.74	00	34748.1235	30	34750.0998
	29	2375649.196	1003.4961	11.227	C.13	187.298	1.74	00	34752.0771	30	34754.0554
21	30	2377493.855	1004.3501	11.238	0.13	187.394	1.74	00	34756.0346	30	34758.0147
	31	2379338.518	1005.2043	11.250	0.13	187.490	1.75	00	34759.9959	30	34761.9780
	32	2381183.185	1006.0586	11.261	C.13	187.587	1.75	00	34763.9610	30	34765.9450
	33	2383027.856	1006.9132	11.272	C.13	187.683	1.75	00	34767.9300	30	34769.9159
	34	2384872.530	1007.7680	11.283	C.13	187.780	1.75	00	34771.9028	30	34773.8906
21	35	2386717.208	1008.6229	11.294	C.13	187.877	1.75	00	34775.8794	30	34777.8692
	36	2388561.890	1009.4780	11.305	C.13	187.974	1.75	00	34779.8599	30	34781.8516
	37	2390406.575	1010.3334	11.317	0.13	188.071	1.76	00	34783.8443	30	34785.8379
	38	2392251.264	1011.1889	11.328	C.13	188.168	1.76	00	34787.8325	30	34789.8280
	39	2394095.957	1012.0446	11.339	C.13	188.265	1.76	00	34791.8245	30	34793.8220
21	40	2395940.653	1012.9005	11.350	0.13	188.363	1.76	00	34795.8204	30	34797.8198
	41	2397785.354	1013.7566	11.361	0.13	188.460	1.76	00	34799.8202	30	34801.8215
	42	2399630.057	1014.6129	11.373	0.13	188.558	1.77	00	34803.8238	30	34805.8270
	43	2401474.765	1015.4694	11.384	C.13	188.656	1.77	00	34807.8312	30	34809.8364
	44	2403319.476	1016.3260	11.395	C.13	188.754	1.77	00	34811.8425	30	34813.8497
21	45	2405164.191	1017.1829	11.406	0.13	188.852	1.77	00	34815.8577	30	34817.8668
	46	2407008.910	1018.0400	11.418	C.13	188.950	1.77	00	34819.8768	30	34821.8878
	47	2408853.632	1018.8972	11.429	C.13	189.048	1.78	00	34823.8997	30	34825.9126
	48	2410698.358	1019.7547	11.440	C.13	189.146	1.78	00	34827.9265	30	34829.9413
	49	2412543.088	1020.6123	11.451	C.13	189.245	1.78	00	34831.9571	30	34833.9739
21	50	2414387.822	1021.4701	11.463	C.13	189.344	1.78	00	34835.9917	30	34838.0104
	51	2416232.559	1022.3282	11.474	0.13	189.442	1.78	00	34840.0300	30	34842.0507
	52	2418077.300	1023.1864	11.485	C.13	189.541	1.78	00	34844.0723	30	34846.0949
	53	2419922.045	1024.0448	11.497	0.13	189.640	1.79	00	34848.1185	30	34850.1430
	54	2421766.793	1024.9034	11.508	C.13	189.739	1.79	00	34852.1685	30	34854.1950
21	55	2423611.545	1025.7622	11.519	0.13	189.839	1.79	00	34856.2224	30	34858.2508
	56	2425456.301	1026.6212	11.531	0.13	189.938	1.79	00	34860.2802	30	34862.3106
	57	2427301.061	1027.4804	11.542	0.13	190.037	1.79	00	34864.3419	30	34866.3742
	58	2429145.824	1028.3398	11.553	0.13	190.137	1.80	00	34868.4075	30	34870.4417
	59	2430990.591	1029.1994	11.565	C.13	190.237	1.80	00	34872.4770	30	34874.5131
22	00	2432835.362	1030.0592	11.576	0.13	190.337	1.80	00	34876.5503	30	34878.5885

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSC DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
22	0	2432835.362	1030.0592	11.576	C.13	190.337	1.80	00	34876.5503	30	34878.5885
	1	2434680.137	1030.9192	11.587	0.13	190.437	1.80	00	34880.6276	30	34882.6677
	2	2436524.915	1031.7794	11.599	C.13	190.537	1.80	00	34884.7087	30	34886.7508
	3	2438369.697	1032.6397	11.610	0.13	190.637	1.81	00	34888.7938	30	34890.8378
	4	2440214.483	1033.5003	11.621	C.13	190.737	1.81	00	34892.8827	30	34894.9287
22	5	2442059.273	1034.3611	11.633	C.13	190.838	1.81	00	34896.9756	30	34899.0235
	6	2443904.066	1035.2220	11.644	0.13	190.938	1.81	00	34901.0723	30	34903.1222
	7	2445748.864	1036.0832	11.655	0.13	191.039	1.81	00	34905.1730	30	34907.2248
	8	2447593.665	1036.9446	11.667	C.13	191.140	1.82	00	34909.2776	30	34911.3313
	9	2449438.469	1037.8061	11.678	C.13	191.241	1.82	00	34913.3861	30	34915.4418
22	10	2451283.278	1038.6679	11.690	C.13	191.342	1.82	00	34917.4985	30	34919.5561
	11	2453128.090	1039.5299	11.701	C.13	191.443	1.82	00	34921.6148	30	34923.6744
	12	2454972.906	1040.3920	11.713	0.13	191.545	1.82	00	34925.7350	30	34927.7966
	13	2456817.726	1041.2544	11.724	C.14	191.646	1.83	00	34929.8592	30	34931.9227
	14	2458662.549	1042.1169	11.735	C.14	191.748	1.83	00	34933.9872	30	34936.0527
22	15	2460507.377	1042.9797	11.747	0.14	191.849	1.83	00	34938.1192	30	34940.1867
	16	2462352.208	1043.8426	11.758	C.14	191.951	1.83	00	34942.2552	30	34944.3246
	17	2464197.043	1044.7058	11.770	0.14	192.053	1.83	00	34946.3950	30	34948.4664
	18	2466041.881	1045.5692	11.781	C.14	192.155	1.84	00	34950.5388	30	34952.6122
	19	2467886.724	1046.4327	11.793	C.14	192.257	1.84	00	34954.6865	30	34956.7618
22	20	2469731.570	1047.2965	11.804	C.14	192.360	1.84	00	34958.8382	30	34960.9155
	21	2471576.420	1048.1604	11.816	0.14	192.462	1.84	00	34962.9938	30	34965.0730
	22	2473421.274	1049.0246	11.827	C.14	192.565	1.84	00	34967.1533	30	34969.2345
	23	2475266.131	1049.8889	11.839	C.14	192.667	1.85	00	34971.3167	30	34973.4000
	24	2477110.993	1050.7535	11.850	0.14	192.770	1.85	00	34975.4842	30	34977.5693
22	25	2478955.858	1051.6183	11.862	C.14	192.873	1.85	00	34979.6555	30	34981.7427
	26	2480800.727	1052.4832	11.873	0.14	192.976	1.85	00	34983.8308	30	34985.9199
	27	2482645.600	1053.3484	11.885	C.14	193.080	1.85	00	34988.0101	30	34990.1012
	28	2484490.477	1054.2138	11.896	0.14	193.183	1.86	00	34992.1933	30	34994.2864
	29	2486335.357	1055.0793	11.908	C.14	193.286	1.86	00	34996.3804	30	34998.4755
22	30	2488180.241	1055.9451	11.919	C.14	193.390	1.86	00	35000.5715	30	35002.6686
	31	2490025.130	1056.8111	11.931	C.14	193.494	1.86	00	35004.7666	30	35006.8656
	32	2491870.021	1057.6773	11.943	C.14	193.597	1.86	00	35008.9656	30	35011.0666
	33	2493714.917	1058.5436	11.954	C.14	193.701	1.87	00	35013.1686	30	35015.2716
	34	2495559.817	1059.4102	11.966	0.14	193.806	1.87	00	35017.3756	30	35019.4806
22	35	2497404.720	1060.2770	11.977	C.14	193.910	1.87	00	35021.5865	30	35023.6935
	36	2499249.627	1061.1440	11.989	0.14	194.014	1.87	00	35025.8014	30	35027.9103
	37	2501094.538	1062.0112	12.001	C.14	194.119	1.87	00	35030.0203	30	35032.1312
	38	2502939.453	1062.8786	12.012	C.14	194.223	1.88	00	35034.2431	30	35036.3560
	39	2504784.372	1063.7462	12.024	C.14	194.328	1.88	00	35038.4699	30	35040.5848
22	40	2506629.294	1064.6140	12.035	0.14	194.433	1.88	00	35042.7007	30	35044.8176
	41	2508474.221	1065.4820	12.047	C.14	194.538	1.88	00	35046.9355	30	35049.0544
	42	2510319.151	1066.3503	12.059	0.14	194.643	1.88	00	35051.1742	30	35053.2951
	43	2512164.085	1067.2187	12.070	C.14	194.748	1.89	00	35055.4170	30	35057.5398
	44	2514009.023	1068.0873	12.082	0.14	194.854	1.89	00	35059.6637	30	35061.7886
22	45	2515853.965	1068.9562	12.094	C.14	194.959	1.89	00	35063.9144	30	35066.0413
	46	2517698.910	1069.8252	12.105	C.14	195.065	1.89	00	35068.1691	30	35070.2980
	47	2519543.860	1070.6945	12.117	C.14	195.171	1.89	00	35072.4278	30	35074.5586
	48	2521388.813	1071.5639	12.129	0.14	195.276	1.90	00	35076.6905	30	35078.8233
	49	2523233.770	1072.4336	12.140	0.14	195.382	1.90	00	35080.9572	30	35083.0920
22	50	2525078.731	1073.3035	12.152	C.14	195.489	1.90	00	35085.2279	30	35087.3647
	51	2526923.696	1074.1735	12.164	0.14	195.595	1.90	00	35089.5025	30	35091.6414
	52	2528768.664	1075.0438	12.176	C.14	195.701	1.90	00	35093.7812	30	35095.9221
	53	2530613.637	1075.9143	12.187	C.14	195.808	1.91	00	35098.0639	30	35100.2068
	54	2532458.613	1076.7850	12.199	C.14	195.914	1.91	00	35102.3506	30	35104.4955
22	55	2534303.594	1077.6559	12.211	C.14	196.021	1.91	00	35106.6413	30	35108.7882
	56	2536148.578	1078.5271	12.222	0.14	196.128	1.91	00	35110.9361	30	35113.0849
	57	2537993.566	1079.3984	12.234	C.14	196.235	1.91	00	35115.2348	30	35117.3857
	58	2539838.558	1080.2699	12.246	C.14	196.342	1.92	00	35119.5376	30	35121.6905
	59	2541683.554	1081.1417	12.258	C.14	196.450	1.92	00	35123.8443	30	35125.9992
23	00	2543528.553	1082.0136	12.270	C.14	196.557	1.92	00	35128.1551	30	35130.3121

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
23	0	2543528.553	1082.0136	12.270	0.14	196.557	1.92	00	35128.1551	30	35130.3121
	1	2545373.557	1082.8858	12.281	0.14	196.665	1.92	00	35132.4700	30	35134.6289
	2	2547218.564	1083.7582	12.293	0.14	196.773	1.93	00	35136.7888	30	35138.9497
	3	2549063.576	1084.6307	12.305	0.14	196.880	1.93	00	35141.1117	30	35143.2746
	4	2550908.591	1085.5035	12.317	0.14	196.988	1.93	00	35145.4386	30	35147.6036
23	5	2552753.610	1086.3765	12.328	0.14	197.097	1.93	00	35149.7695	30	35151.9365
	6	2554598.633	1087.2498	12.340	0.14	197.205	1.93	00	35154.1045	30	35156.2735
	7	2556443.660	1088.1232	12.352	0.14	197.313	1.94	00	35158.4435	30	35160.6145
	8	2558288.691	1088.9968	12.364	0.14	197.422	1.94	00	35162.7866	30	35164.9596
	9	2560133.725	1089.8707	12.376	0.14	197.530	1.94	00	35167.1337	30	35169.3087
23	10	2561978.764	1090.7447	12.388	0.14	197.639	1.94	00	35171.4848	30	35173.6619
	11	2563823.806	1091.6190	12.400	0.14	197.748	1.94	00	35175.8400	30	35178.0191
	12	2565668.853	1092.4935	12.411	0.14	197.857	1.95	00	35180.1992	30	35182.3803
	13	2567513.903	1093.3682	12.423	0.15	197.966	1.95	00	35184.5625	30	35186.7456
	14	2569358.957	1094.2431	12.435	0.15	198.076	1.95	00	35188.9298	30	35191.1150
23	15	2571204.015	1095.1182	12.447	0.15	198.185	1.95	00	35193.3012	30	35195.4884
	16	2573049.077	1095.9935	12.459	0.15	198.295	1.96	00	35197.6767	30	35199.8659
	17	2574894.143	1096.8691	12.471	0.15	198.404	1.96	00	35202.0562	30	35204.2474
	18	2576739.213	1097.7448	12.483	0.15	198.514	1.96	00	35206.4397	30	35208.6330
	19	2578584.287	1098.6208	12.495	0.15	198.624	1.96	00	35210.8274	30	35213.0227
23	20	2580429.365	1099.4970	12.507	0.15	198.734	1.96	00	35215.2190	30	35217.4164
	21	2582274.446	1100.3734	12.519	0.15	198.844	1.97	00	35219.6148	30	35221.8142
	22	2584119.532	1101.2500	12.530	0.15	198.955	1.97	00	35224.0146	30	35226.2161
	23	2585964.621	1102.1269	12.542	0.15	199.065	1.97	00	35228.4186	30	35230.6220
	24	2587809.715	1103.0039	12.554	0.15	199.176	1.97	00	35232.8265	30	35235.0321
23	25	2589654.812	1103.8812	12.566	0.15	199.287	1.98	00	35237.2386	30	35239.4462
	26	2591499.913	1104.7586	12.578	0.15	199.398	1.98	00	35241.6548	30	35243.8644
	27	2593345.019	1105.6363	12.590	0.15	199.509	1.98	00	35246.0750	30	35248.2866
	28	2595190.128	1106.5142	12.602	0.15	199.620	1.98	00	35250.4993	30	35252.7130
	29	2597035.241	1107.3923	12.614	0.15	199.731	1.98	00	35254.9277	30	35257.1434
23	30	2598880.358	1108.2707	12.626	0.15	199.843	1.99	00	35259.3602	30	35261.5779
	31	2600725.479	1109.1492	12.638	0.15	199.954	1.99	00	35263.7967	30	35266.0166
	32	2602570.604	1110.0280	12.650	0.15	200.066	1.99	00	35268.2374	30	35270.4593
	33	2604415.733	1110.9070	12.662	0.15	200.178	1.99	00	35272.6822	30	35274.9061
	34	2606260.866	1111.7862	12.674	0.15	200.290	2.00	00	35277.1311	30	35279.3570
23	35	2608106.002	1112.6656	12.686	0.15	200.402	2.00	00	35281.5840	30	35283.8120
	36	2609951.143	1113.5453	12.698	0.15	200.514	2.00	00	35286.0411	30	35288.2712
	37	2611796.288	1114.4251	12.710	0.15	200.627	2.00	00	35290.5023	30	35292.7344
	38	2613641.436	1115.3052	12.723	0.15	200.739	2.00	00	35294.9676	30	35297.2017
	39	2615486.589	1116.1855	12.735	0.15	200.852	2.01	00	35299.4369	30	35301.6732
23	40	2617331.746	1117.0660	12.747	0.15	200.965	2.01	00	35303.9105	30	35306.1488
	41	2619176.906	1117.9467	12.759	0.15	201.078	2.01	00	35308.3881	30	35310.6284
	42	2621022.071	1118.8277	12.771	0.15	201.191	2.01	00	35312.8698	30	35315.1122
	43	2622867.239	1119.7088	12.783	0.15	201.304	2.02	00	35317.3557	30	35319.6002
	44	2624712.412	1120.5902	12.795	0.15	201.417	2.02	00	35321.8457	30	35324.0922
23	45	2626557.588	1121.4718	12.807	0.15	201.531	2.02	00	35326.3398	30	35328.5884
	46	2628402.769	1122.3537	12.819	0.15	201.644	2.02	00	35330.8380	30	35333.0887
	47	2630247.953	1123.2357	12.831	0.15	201.758	2.02	00	35335.3404	30	35337.5931
	48	2632093.141	1124.1180	12.844	0.15	201.872	2.03	00	35339.8468	30	35342.1016
	49	2633938.334	1125.0005	12.856	0.15	201.986	2.03	00	35344.3575	30	35346.6143
23	50	2635783.530	1125.8832	12.868	0.15	202.100	2.03	00	35348.8722	30	35351.1312
	51	2637628.731	1126.7661	12.880	0.15	202.215	2.03	00	35353.3911	30	35355.6521
	52	2639473.935	1127.6492	12.892	0.15	202.329	2.04	00	35357.9142	30	35360.1772
	53	2641319.143	1128.5326	12.904	0.15	202.444	2.04	00	35362.4414	30	35364.7065
	54	2643164.356	1129.4162	12.917	0.15	202.558	2.04	00	35366.9727	30	35369.2399
23	55	2645009.572	1130.3000	12.929	0.15	202.673	2.04	00	35371.5082	30	35373.7775
	56	2646854.792	1131.1841	12.941	0.15	202.788	2.05	00	35376.0478	30	35378.3192
	57	2648700.017	1132.0683	12.953	0.15	202.904	2.05	00	35380.5916	30	35382.8650
	58	2650545.245	1132.9528	12.965	0.15	203.019	2.05	00	35385.1395	30	35387.4150
	59	2652390.477	1133.8375	12.978	0.15	203.134	2.05	00	35389.6916	30	35391.9692
24	00	2654235.714	1134.7224	12.990	0.15	203.250	2.05	00	35394.2478	30	35396.5275

TABELAS PARA CALCULOS NO SISTEMA DE PROJECKO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
24	0	2654235.714	1134.7224	12.990	0.15	203.250	2.05	00	35394.2478	30	35396.5275
	1	2656080.954	1135.6076	13.002	0.15	203.366	2.06	00	35398.8083	30	35401.0900
	2	2657926.198	1136.4929	13.014	0.15	203.481	2.06	00	35403.3728	30	35405.6567
	3	2659771.447	1137.3785	13.027	0.15	203.597	2.06	00	35407.9416	30	35410.2275
	4	2661616.699	1138.2644	13.039	0.15	203.714	2.06	00	35412.5145	30	35414.8025
24	5	2663461.956	1139.1504	13.051	0.15	203.830	2.07	00	35417.0916	30	35419.3817
	6	2665307.216	1140.0367	13.064	0.15	203.946	2.07	00	35421.6728	30	35423.9650
	7	2667152.481	1140.9232	13.076	0.15	204.063	2.07	00	35426.2583	30	35428.5526
	8	2668997.749	1141.8099	13.088	0.15	204.180	2.07	00	35430.8479	30	35433.1443
	9	2670843.022	1142.6968	13.100	0.15	204.296	2.08	00	35435.4417	30	35437.7402
24	10	2672688.298	1143.5840	13.113	0.16	204.413	2.08	00	35440.0397	30	35442.3402
	11	2674533.579	1144.4714	13.125	0.16	204.531	2.08	00	35444.6419	30	35446.9445
	12	2676378.863	1145.3590	13.137	0.16	204.648	2.08	00	35449.2482	30	35451.5530
	13	2678224.152	1146.2469	13.150	0.16	204.765	2.09	00	35453.8588	30	35456.1656
	14	2680069.445	1147.1349	13.162	0.16	204.883	2.09	00	35458.4735	30	35460.7824
24	15	2681914.741	1148.0232	13.174	0.16	205.001	2.09	00	35463.0924	30	35465.4035
	16	2683760.042	1148.9118	13.187	0.16	205.118	2.09	00	35467.7156	30	35470.0287
	17	2685605.347	1149.8005	13.199	0.16	205.236	2.09	00	35472.3429	30	35474.6582
	18	2687450.656	1150.6895	13.212	0.16	205.354	2.10	00	35476.9744	30	35479.2918
	19	2689295.969	1151.5787	13.224	0.16	205.473	2.10	00	35481.6102	30	35483.9296
24	20	2691141.286	1152.4681	13.236	0.16	205.591	2.10	00	35486.2501	30	35488.5717
	21	2692986.607	1153.3578	13.249	0.16	205.710	2.10	00	35490.8943	30	35493.2180
	22	2694831.932	1154.2477	13.261	0.16	205.828	2.11	00	35495.5427	30	35497.8685
	23	2696677.261	1155.1378	13.274	0.16	205.947	2.11	00	35500.1953	30	35502.5232
	24	2698522.594	1156.0282	13.286	0.16	206.066	2.11	00	35504.8521	30	35507.1821
24	25	2700367.931	1156.9187	13.299	0.16	206.185	2.11	00	35509.5131	30	35511.8452
	26	2702213.273	1157.8095	13.311	0.16	206.305	2.12	00	35514.1784	30	35516.5126
	27	2704058.618	1158.7006	13.323	0.16	206.424	2.12	00	35518.8479	30	35521.1842
	28	2705903.967	1159.5919	13.336	0.16	206.544	2.12	00	35523.5216	30	35525.8600
	29	2707749.321	1160.4833	13.348	0.16	206.663	2.12	00	35528.1995	30	35530.5401
24	30	2709594.678	1161.3751	13.361	0.16	206.783	2.13	00	35532.8817	30	35535.2244
	31	2711440.040	1162.2670	13.373	0.16	206.903	2.13	00	35537.5681	30	35539.9129
	32	2713285.406	1163.1592	13.386	0.16	207.023	2.13	00	35542.2587	30	35544.6057
	33	2715130.776	1164.0516	13.398	0.16	207.144	2.13	00	35546.9536	30	35549.3027
	34	2716976.149	1164.9443	13.411	0.16	207.264	2.14	00	35551.6528	30	35554.0039
24	35	2718821.527	1165.8372	13.423	0.16	207.385	2.14	00	35556.3561	30	35558.7094
	36	2720666.909	1166.7303	13.436	0.16	207.506	2.14	00	35561.0637	30	35563.4192
	37	2722512.296	1167.6236	13.449	0.16	207.626	2.14	00	35565.7756	30	35568.1331
	38	2724357.686	1168.5172	13.461	0.16	207.747	2.15	00	35570.4917	30	35572.8514
	39	2726203.080	1169.4110	13.474	0.16	207.869	2.15	00	35575.2121	30	35577.5739
24	40	2728048.478	1170.3050	13.486	0.16	207.990	2.15	00	35579.9368	30	35582.3007
	41	2729893.881	1171.1993	13.499	0.16	208.111	2.15	00	35584.6657	30	35587.0317
	42	2731739.287	1172.0938	13.511	0.16	208.233	2.16	00	35589.3988	30	35591.7670
	43	2733584.698	1172.9886	13.524	0.16	208.355	2.16	00	35594.1362	30	35596.5066
	44	2735430.113	1173.8835	13.537	0.16	208.477	2.16	00	35598.8779	30	35601.2504
24	45	2737275.532	1174.7787	13.549	0.16	208.599	2.16	00	35603.6239	30	35605.9985
	46	2739120.955	1175.6742	13.562	0.16	208.721	2.17	00	35608.3741	30	35610.7509
	47	2740966.382	1176.5699	13.574	0.16	208.843	2.17	00	35613.1287	30	35615.5075
	48	2742811.813	1177.4658	13.587	0.16	208.966	2.17	00	35617.8874	30	35620.2684
	49	2744657.248	1178.3619	13.600	0.16	209.088	2.17	00	35622.6505	30	35625.0337
24	50	2746502.688	1179.2583	13.612	0.16	209.211	2.18	00	35627.4179	30	35629.8032
	51	2748348.131	1180.1549	13.625	0.16	209.334	2.18	00	35632.1895	30	35634.5769
	52	2750193.579	1181.0518	13.638	0.16	209.457	2.18	00	35636.9654	30	35639.3550
	53	2752039.031	1181.9489	13.650	0.16	209.580	2.18	00	35641.7457	30	35644.1378
	54	2753884.487	1182.8462	13.663	0.16	209.704	2.19	00	35646.5302	30	35648.9240
24	55	2755729.947	1183.7437	13.676	0.16	209.827	2.19	00	35651.3190	30	35653.7150
	56	2757575.411	1184.6415	13.689	0.16	209.951	2.19	00	35656.1121	30	35658.5103
	57	2759420.879	1185.5396	13.701	0.16	210.075	2.19	00	35660.9095	30	35663.3098
	58	2761266.351	1186.4378	13.714	0.16	210.199	2.20	00	35665.7112	30	35668.1137
	59	2763111.828	1187.3363	13.727	0.16	210.323	2.20	00	35670.5172	30	35672.9218
25	00	2764957.309	1188.2351	13.739	0.16	210.447	2.20	00	35675.3276	30	35677.7343

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
25	0	2764957.309	1188.2351	13.739	0.16	210.447	2.20	00	35675.3276	30	35677.7343
	1	2766802.793	1189.1341	13.752	0.16	210.572	2.20	00	35680.1422	30	35682.5511
	2	2768648.282	1190.0333	13.765	0.17	210.696	2.21	00	35684.9611	30	35687.3722
	3	2770493.775	1190.9327	13.778	0.17	210.821	2.21	00	35689.7844	30	35692.1977
	4	2772339.273	1191.8324	13.790	0.17	210.946	2.21	00	35694.6120	30	35697.0274
25	5	2774184.774	1192.7324	13.803	0.17	211.071	2.21	00	35699.4439	30	35701.8615
	6	2776030.279	1193.6325	13.816	0.17	211.196	2.22	00	35704.2801	30	35706.6999
	7	2777875.789	1194.5329	13.829	0.17	211.322	2.22	00	35709.1207	30	35711.5426
	8	2779721.303	1195.4336	13.842	0.17	211.447	2.22	00	35713.9656	30	35716.3896
	9	2781566.821	1196.3345	13.855	0.17	211.573	2.23	00	35718.8148	30	35721.2410
25	10	2783412.343	1197.2356	13.867	0.17	211.699	2.23	00	35723.6684	30	35726.0968
	11	2785257.869	1198.1370	13.880	0.17	211.824	2.23	00	35728.5262	30	35730.9568
	12	2787103.399	1199.0386	13.893	0.17	211.951	2.23	00	35733.3885	30	35735.8212
	13	2788948.934	1199.9405	13.906	0.17	212.077	2.24	00	35738.2551	30	35740.6900
	14	2790794.473	1200.8425	13.919	0.17	212.203	2.24	00	35743.1260	30	35745.5631
25	15	2792640.016	1201.7449	13.932	0.17	212.330	2.24	00	35748.0012	30	35750.4405
	16	2794485.563	1202.6475	13.945	0.17	212.456	2.24	00	35752.8809	30	35755.3223
	17	2796331.114	1203.5503	13.957	0.17	212.583	2.25	00	35757.7648	30	35760.2084
	18	2798176.669	1204.4533	13.970	0.17	212.710	2.25	00	35762.6532	30	35765.0989
	19	2800022.229	1205.3566	13.983	0.17	212.838	2.25	00	35767.5458	30	35769.9938
25	20	2801867.793	1206.2602	13.996	0.17	212.965	2.25	00	35772.4429	30	35774.8930
	21	2803713.360	1207.1640	14.009	0.17	213.092	2.26	00	35777.3443	30	35779.7966
	22	2805558.932	1208.0680	14.022	0.17	213.220	2.26	00	35782.2501	30	35784.7046
	23	2807404.509	1208.9723	14.035	0.17	213.348	2.26	00	35787.1602	30	35789.6169
	24	2809250.089	1209.8768	14.048	0.17	213.476	2.26	00	35792.0747	30	35794.5336
25	25	2811095.674	1210.7815	14.061	0.17	213.604	2.27	00	35796.9936	30	35799.4547
	26	2812941.263	1211.6866	14.074	0.17	213.732	2.27	00	35801.9169	30	35804.3801
	27	2814786.856	1212.5918	14.087	0.17	213.860	2.27	00	35806.8445	30	35809.3100
	28	2816632.453	1213.4973	14.100	0.17	213.989	2.28	00	35811.7765	30	35814.2442
	29	2818478.054	1214.4030	14.113	0.17	214.118	2.28	00	35816.7129	30	35819.1828
25	30	2820323.660	1215.3090	14.126	0.17	214.247	2.28	00	35821.6537	30	35824.1258
	31	2822169.269	1216.2152	14.139	0.17	214.376	2.28	00	35826.5989	30	35829.0732
	32	2824014.883	1217.1217	14.152	0.17	214.505	2.29	00	35831.5485	30	35834.0249
	33	2825860.502	1218.0284	14.165	0.17	214.634	2.29	00	35836.5025	30	35838.9811
	34	2827706.124	1218.9354	14.178	0.17	214.764	2.29	00	35841.4609	30	35843.9417
25	35	2829551.750	1219.8426	14.191	0.17	214.893	2.29	00	35846.4236	30	35848.9067
	36	2831397.381	1220.7501	14.204	0.17	215.023	2.30	00	35851.3908	30	35853.8760
	37	2833243.016	1221.6578	14.217	0.17	215.153	2.30	00	35856.3624	30	35858.8498
	38	2835088.655	1222.5657	14.230	0.17	215.283	2.30	00	35861.3384	30	35863.8280
	39	2836934.299	1223.4739	14.243	0.17	215.414	2.31	00	35866.3188	30	35868.8106
25	40	2838779.946	1224.3824	14.256	0.17	215.544	2.31	00	35871.3036	30	35873.7977
	41	2840625.598	1225.2911	14.270	0.17	215.675	2.31	00	35876.2928	30	35878.7891
	42	2842471.254	1226.2000	14.283	0.17	215.805	2.31	00	35881.2865	30	35883.7850
	43	2844316.914	1227.1092	14.296	0.17	215.936	2.32	00	35886.2846	30	35888.7853
	44	2846162.579	1228.0186	14.309	0.17	216.067	2.32	00	35891.2871	30	35893.7900
25	45	2848008.248	1228.9283	14.322	0.17	216.198	2.32	00	35896.2940	30	35898.7991
	46	2849853.921	1229.8383	14.335	0.17	216.330	2.32	00	35901.3053	30	35903.8127
	47	2851699.598	1230.7484	14.348	0.17	216.461	2.33	00	35906.3211	30	35908.8307
	48	2853545.279	1231.6589	14.362	0.17	216.593	2.33	00	35911.3414	30	35913.8531
	49	2855390.965	1232.5696	14.375	0.17	216.725	2.33	00	35916.3660	30	35918.8800
25	50	2857236.655	1233.4805	14.388	0.17	216.857	2.34	00	35921.3951	30	35923.9114
	51	2859082.349	1234.3917	14.401	0.17	216.989	2.34	00	35926.4287	30	35928.9471
	52	2860928.047	1235.3031	14.414	0.18	217.122	2.34	00	35931.4667	30	35933.9874
	53	2862773.749	1236.2148	14.428	0.18	217.254	2.34	00	35936.5091	30	35939.0320
	54	2864619.456	1237.1267	14.441	0.18	217.387	2.35	00	35941.5560	30	35944.0812
25	55	2866465.167	1238.0389	14.454	0.18	217.520	2.35	00	35946.6074	30	35949.1347
	56	2868310.883	1238.9514	14.467	0.18	217.653	2.35	00	35951.6632	30	35954.1928
	57	2870156.602	1239.8641	14.481	0.18	217.786	2.36	00	35956.7235	30	35959.2553
	58	2872002.326	1240.7770	14.494	0.18	217.919	2.36	00	35961.7882	30	35964.3222
	59	2873848.054	1241.6902	14.507	0.18	218.052	2.36	00	35966.8574	30	35969.3937
26	00	2875693.786	1242.6037	14.520	0.18	218.186	2.36	00	35971.9311	30	35974.4696

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
26	0	2875693.786	1242.6037	14.520	0.18	218.186	2.36	00	35971.9311	30	35974.4696
	1	2877539.523	1243.5174	14.534	0.18	218.320	2.37	00	35977.0092	30	35979.5500
	2	2879385.263	1244.4313	14.547	0.18	218.454	2.37	00	35982.0918	30	35984.6348
	3	2881231.008	1245.3455	14.560	0.18	218.588	2.37	00	35987.1789	30	35989.7242
	4	2883076.758	1246.2600	14.574	0.18	218.722	2.38	00	35992.2705	30	35994.8180
26	5	2884922.511	1247.1747	14.587	0.18	218.857	2.38	00	35997.3666	30	35999.9163
	6	2886768.269	1248.0897	14.600	0.18	218.991	2.38	00	36002.4671	30	36005.0191
	7	2888614.031	1249.0049	14.614	0.18	219.126	2.38	00	36007.5721	30	36010.1263
	8	2890459.798	1249.9204	14.627	0.18	219.261	2.39	00	36012.6816	30	36015.2381
	9	2892305.568	1250.8361	14.641	0.18	219.396	2.39	00	36017.7957	30	36020.3544
26	10	2894151.343	1251.7521	14.654	0.18	219.531	2.39	00	36022.9142	30	36025.4751
	11	2895997.122	1252.6684	14.667	0.18	219.667	2.40	00	36028.0372	30	36030.6004
	12	2897842.906	1253.5849	14.681	0.18	219.802	2.40	00	36033.1647	30	36035.7301
	13	2899688.693	1254.5016	14.694	0.18	219.938	2.40	00	36038.2967	30	36040.8644
	14	2901534.485	1255.4186	14.708	0.18	220.074	2.40	00	36043.4332	30	36046.0032
26	15	2903380.282	1256.3359	14.721	0.18	220.210	2.41	00	36048.5743	30	36051.1465
	16	2905226.082	1257.2535	14.734	0.18	220.346	2.41	00	36053.7198	30	36056.2943
	17	2907071.887	1258.1712	14.748	0.18	220.482	2.41	00	36058.8699	30	36061.4466
	18	2908917.696	1259.0893	14.761	0.18	220.619	2.42	00	36064.0245	30	36066.6035
	19	2910763.510	1260.0076	14.775	0.18	220.756	2.42	00	36069.1836	30	36071.7648
26	20	2912609.327	1260.9261	14.788	0.18	220.893	2.42	00	36074.3472	30	36076.9307
	21	2914455.149	1261.8450	14.802	0.18	221.030	2.42	00	36079.5154	30	36082.1011
	22	2916300.976	1262.7640	14.815	0.18	221.167	2.43	00	36084.6881	30	36087.2761
	23	2918146.806	1263.6834	14.829	0.18	221.304	2.43	00	36089.8653	30	36092.4556
	24	2919992.641	1264.6030	14.842	0.18	221.442	2.43	00	36095.0470	30	36097.6396
26	25	2921838.480	1265.5228	14.856	0.18	221.580	2.44	00	36100.2333	30	36102.8282
	26	2923684.324	1266.4429	14.869	0.18	221.717	2.44	00	36105.4242	30	36108.0213
	27	2925530.172	1267.3633	14.883	0.18	221.856	2.44	00	36110.6196	30	36113.2190
	28	2927376.024	1268.2839	14.897	0.18	221.994	2.44	00	36115.8195	30	36118.4212
	29	2929221.880	1269.2048	14.910	0.18	222.132	2.45	00	36121.0240	30	36123.6279
26	30	2931067.741	1270.1260	14.924	0.18	222.271	2.45	00	36126.2330	30	36128.8392
	31	2932913.606	1271.0474	14.937	0.18	222.409	2.45	00	36131.4456	30	36134.0551
	32	2934759.475	1271.9691	14.951	0.18	222.548	2.46	00	36136.6647	30	36139.2755
	33	2936605.349	1272.8910	14.964	0.18	222.687	2.46	00	36141.8875	30	36144.5005
	34	2938451.227	1273.8132	14.978	0.18	222.827	2.46	00	36147.1147	30	36149.7301
26	35	2940297.109	1274.7357	14.992	0.18	222.966	2.47	00	36152.3466	30	36154.9642
	36	2942142.996	1275.6584	15.005	0.18	223.106	2.47	00	36157.5830	30	36160.2029
	37	2943988.887	1276.5814	15.019	0.18	223.245	2.47	00	36162.8240	30	36165.4462
	38	2945834.782	1277.5046	15.033	0.18	223.385	2.47	00	36168.0695	30	36170.6940
	39	2947680.682	1278.4281	15.046	0.19	223.525	2.48	00	36173.3197	30	36175.9465
26	40	2949526.586	1279.3519	15.060	0.19	223.665	2.48	00	36178.5744	30	36181.2035
	41	2951372.494	1280.2759	15.074	0.19	223.806	2.48	00	36183.8337	30	36186.4651
	42	2953218.407	1281.2002	15.087	0.19	223.946	2.49	00	36189.0976	30	36191.7313
	43	2955064.324	1282.1248	15.101	0.19	224.087	2.49	00	36194.3661	30	36197.0021
	44	2956910.245	1283.0496	15.115	0.19	224.228	2.49	00	36199.6392	30	36202.2775
26	45	2958756.171	1283.9747	15.129	0.19	224.369	2.50	00	36204.9169	30	36207.5574
	46	2960602.101	1284.9001	15.142	0.19	224.510	2.50	00	36210.1992	30	36212.8420
	47	2962448.035	1285.8257	15.156	0.19	224.652	2.50	00	36215.4860	30	36218.1312
	48	2964293.973	1286.7516	15.170	0.19	224.793	2.51	00	36220.7775	30	36223.4250
	49	2966139.916	1287.6778	15.184	0.19	224.935	2.51	00	36226.0736	30	36228.7234
26	50	2967985.864	1288.6042	15.197	0.19	225.077	2.51	00	36231.3743	30	36234.0264
	51	2969831.815	1289.5309	15.211	0.19	225.219	2.51	00	36236.6796	30	36239.3340
	52	2971677.771	1290.4578	15.225	0.19	225.362	2.52	00	36241.9896	30	36244.6463
	53	2973523.732	1291.3851	15.239	0.19	225.504	2.52	00	36247.3041	30	36249.9632
	54	2975369.697	1292.3125	15.253	0.19	225.647	2.52	00	36252.6233	30	36255.2846
26	55	2977215.666	1293.2403	15.266	0.19	225.789	2.53	00	36257.9471	30	36260.6108
	56	2979061.639	1294.1683	15.280	0.19	225.932	2.53	00	36263.2756	30	36265.9415
	57	2980907.617	1295.0966	15.294	0.19	226.075	2.53	00	36268.6086	30	36271.2769
	58	2982753.599	1296.0252	15.308	0.19	226.219	2.54	00	36273.9463	30	36276.6169
	59	2984599.586	1296.9540	15.322	0.19	226.362	2.54	00	36279.2887	30	36281.9616
27	00	2986445.577	1297.8831	15.336	0.19	226.506	2.54	00	36284.6357	30	36287.3109

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
27	0	2986445.577	1297.8831	15.336	0.19	226.506	2.54	00	36284.6357	30	36287.3109
	1	2988291.572	1298.8125	15.350	0.19	226.650	2.55	00	36289.9873	30	36292.6648
	2	2990137.572	1299.7421	15.364	0.19	226.794	2.55	00	36295.3436	30	36298.0234
	3	2991983.576	1300.6720	15.378	0.19	226.938	2.55	00	36300.7045	30	36303.3867
	4	2993829.584	1301.6022	15.391	0.19	227.082	2.55	00	36306.0701	30	36308.7546
27	5	2995675.597	1302.5326	15.405	0.19	227.227	2.56	00	36311.4403	30	36314.1271
	6	2997521.614	1303.4634	15.419	0.19	227.372	2.56	00	36316.8152	30	36319.5044
	7	2999367.635	1304.3943	15.433	0.19	227.516	2.56	00	36322.1947	30	36324.8863
	8	3001213.661	1305.3256	15.447	0.19	227.662	2.57	00	36327.5789	30	36330.2728
	9	3003059.692	1306.2571	15.461	0.19	227.807	2.57	00	36332.9678	30	36335.6640
27	10	3004905.726	1307.1889	15.475	0.19	227.952	2.57	00	36338.3614	30	36341.0599
	11	3006751.765	1308.1210	15.489	0.19	228.098	2.58	00	36343.7596	30	36346.4605
	12	3008597.809	1309.0533	15.503	0.19	228.243	2.58	00	36349.1625	30	36351.8657
	13	3010443.857	1309.9860	15.517	0.19	228.389	2.58	00	36354.5701	30	36357.2757
	14	3012289.909	1310.9189	15.531	0.19	228.536	2.59	00	36359.9824	30	36362.6903
27	15	3014135.966	1311.8520	15.545	0.19	228.682	2.59	00	36365.3993	30	36368.1096
	16	3015982.027	1312.7855	15.559	0.19	228.828	2.59	00	36370.8210	30	36373.5335
	17	3017828.092	1313.7192	15.573	0.19	228.975	2.60	00	36376.2473	30	36378.9622
	18	3019674.162	1314.6531	15.588	0.19	229.122	2.60	00	36381.6783	30	36384.3956
	19	3021520.236	1315.5874	15.602	0.19	229.269	2.60	00	36387.1141	30	36389.8337
27	20	3023366.315	1316.5219	15.616	0.19	229.416	2.61	00	36392.5545	30	36395.2765
	21	3025212.398	1317.4567	15.630	0.19	229.563	2.61	00	36397.9996	30	36400.7240
	22	3027058.485	1318.3918	15.644	0.19	229.711	2.61	00	36403.4495	30	36406.1761
	23	3028904.577	1319.3272	15.658	0.20	229.858	2.62	00	36408.9040	30	36411.6331
	24	3030750.673	1320.2628	15.672	0.20	230.006	2.62	00	36414.3633	30	36417.0947
27	25	3032596.774	1321.1987	15.686	0.20	230.154	2.62	00	36419.8273	30	36422.5610
	26	3034442.879	1322.1349	15.700	0.20	230.303	2.63	00	36425.2960	30	36428.0321
	27	3036288.989	1323.0714	15.715	0.20	230.451	2.63	00	36430.7694	30	36433.5079
	28	3038135.103	1324.0081	15.729	0.20	230.600	2.63	00	36436.2475	30	36438.9884
	29	3039981.221	1324.9451	15.743	0.20	230.749	2.64	00	36441.7304	30	36444.4736
27	30	3041827.344	1325.8824	15.757	0.20	230.897	2.64	00	36447.2180	30	36449.9636
	31	3043673.471	1326.8200	15.771	0.20	231.047	2.64	00	36452.7104	30	36455.4583
	32	3045519.602	1327.7578	15.786	0.20	231.196	2.64	00	36458.2074	30	36460.9578
	33	3047365.738	1328.6959	15.800	0.20	231.345	2.65	00	36463.7093	30	36466.4619
	34	3049211.879	1329.6343	15.814	0.20	231.495	2.65	00	36469.2158	30	36471.9709
27	35	3051058.024	1330.5730	15.828	0.20	231.645	2.65	00	36474.7271	30	36477.4846
	36	3052904.173	1331.5120	15.843	0.20	231.795	2.66	00	36480.2432	30	36483.0030
	37	3054750.327	1332.4512	15.857	0.20	231.945	2.66	00	36485.7640	30	36488.5262
	38	3056596.485	1333.3907	15.871	0.20	232.096	2.66	00	36491.2896	30	36494.0542
	39	3058442.648	1334.3305	15.886	0.20	232.246	2.67	00	36496.8199	30	36499.5869
27	40	3060288.815	1335.2706	15.900	0.20	232.397	2.67	00	36502.3550	30	36505.1243
	41	3062134.986	1336.2110	15.914	0.20	232.548	2.67	00	36507.8949	30	36510.6666
	42	3063981.162	1337.1516	15.928	0.20	232.699	2.68	00	36513.4395	30	36516.2136
	43	3065827.343	1338.0925	15.943	0.20	232.850	2.68	00	36518.9889	30	36521.7654
	44	3067673.528	1339.0337	15.957	0.20	233.002	2.68	00	36524.5431	30	36527.3220
27	45	3069519.717	1339.9752	15.972	0.20	233.154	2.69	00	36530.1020	30	36532.8833
	46	3071365.911	1340.9170	15.986	0.20	233.306	2.69	00	36535.6658	30	36538.4494
	47	3073212.109	1341.8590	16.000	0.20	233.458	2.69	00	36541.2343	30	36544.0204
	48	3075058.312	1342.8014	16.015	0.20	233.610	2.70	00	36546.8076	30	36549.5961
	49	3076904.519	1343.7440	16.029	0.20	233.762	2.70	00	36552.3857	30	36555.1766
27	50	3078750.730	1344.6869	16.044	0.20	233.915	2.71	00	36557.9686	30	36560.7618
	51	3080596.946	1345.6300	16.058	0.20	234.068	2.71	00	36563.5563	30	36566.3519
	52	3082443.167	1346.5735	16.072	0.20	234.221	2.71	00	36569.1488	30	36571.9468
	53	3084289.392	1347.5172	16.087	0.20	234.374	2.72	00	36574.7461	30	36577.5465
	54	3086135.621	1348.4613	16.101	0.20	234.527	2.72	00	36580.3482	30	36583.1510
27	55	3087981.855	1349.4056	16.116	0.20	234.681	2.72	00	36585.9551	30	36588.7604
	56	3089828.094	1350.3502	16.130	0.20	234.834	2.73	00	36591.5668	30	36594.3745
	57	3091674.336	1351.2951	16.145	0.20	234.988	2.73	00	36597.1834	30	36599.9934
	58	3093520.584	1352.2402	16.159	0.20	235.142	2.73	00	36602.8047	30	36605.6172
	59	3095366.836	1353.1857	16.174	0.20	235.297	2.74	00	36608.4309	30	36611.2458
28	00	3097213.092	1354.1314	16.188	0.20	235.451	2.74	00	36614.0619	30	36616.8792

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
28	0	3097213.092	1354.1314	16.188	0.20	235.451	2.74	00	36614.0619	30	36616.8792
	1	3099059.353	1355.0774	16.203	0.20	235.606	2.74	00	36619.6978	30	36622.5175
	2	3100905.618	1356.0238	16.217	0.20	235.761	2.75	00	36625.3384	30	36628.1606
	3	3102751.888	1356.9704	16.232	0.20	235.916	2.75	00	36630.9839	30	36633.8085
	4	3104598.162	1357.9172	16.247	0.20	236.071	2.75	00	36636.6343	30	36639.4613
28	5	3106444.440	1358.8644	16.261	0.21	236.226	2.76	00	36642.2895	30	36645.1189
	6	3108290.724	1359.8119	16.276	0.21	236.382	2.76	00	36647.9495	30	36650.7813
	7	3110137.011	1360.7596	16.290	0.21	236.538	2.76	00	36653.6144	30	36656.4487
	8	3111983.303	1361.7077	16.305	0.21	236.694	2.77	00	36659.2841	30	36662.1208
	9	3113829.600	1362.6560	16.320	0.21	236.850	2.77	00	36664.9587	30	36667.7978
28	10	3115675.901	1363.6046	16.334	0.21	237.006	2.77	00	36670.6382	30	36673.4797
	11	3117522.207	1364.5535	16.349	0.21	237.163	2.78	00	36676.3225	30	36679.1664
	12	3119368.517	1365.5027	16.364	0.21	237.319	2.78	00	36682.0116	30	36684.8581
	13	3121214.831	1366.4522	16.378	0.21	237.476	2.78	00	36687.7057	30	36690.5545
	14	3123061.151	1367.4019	16.393	0.21	237.634	2.79	00	36693.4046	30	36696.2559
28	15	3124907.474	1368.3520	16.408	0.21	237.791	2.79	00	36699.1084	30	36701.9621
	16	3126753.802	1369.3023	16.422	0.21	237.948	2.80	00	36704.8170	30	36707.6732
	17	3128600.135	1370.2530	16.437	0.21	238.106	2.80	00	36710.5306	30	36713.3892
	18	3130446.472	1371.2039	16.452	0.21	238.264	2.80	00	36716.2490	30	36719.1101
	19	3132292.814	1372.1552	16.467	0.21	238.422	2.81	00	36721.9723	30	36724.8358
28	20	3134139.160	1373.1067	16.481	0.21	238.580	2.81	00	36727.7005	30	36730.5665
	21	3135985.510	1374.0585	16.496	0.21	238.739	2.81	00	36733.4336	30	36736.3020
	22	3137831.866	1375.0106	16.511	0.21	238.897	2.82	00	36739.1716	30	36742.0425
	23	3139678.225	1375.9630	16.526	0.21	239.056	2.82	00	36744.9145	30	36747.7878
	24	3141524.590	1376.9157	16.540	0.21	239.215	2.82	00	36750.6623	30	36753.5381
28	25	3143370.958	1377.8686	16.555	0.21	239.374	2.83	00	36756.4150	30	36759.2932
	26	3145217.332	1378.8219	16.570	0.21	239.534	2.83	00	36762.1727	30	36765.0533
	27	3147063.709	1379.7755	16.585	0.21	239.693	2.83	00	36767.9352	30	36770.8183
	28	3148910.092	1380.7293	16.600	0.21	239.853	2.84	00	36773.7026	30	36776.5882
	29	3150756.478	1381.6835	16.615	0.21	240.013	2.84	00	36779.4750	30	36782.3630
28	30	3152602.870	1382.6379	16.630	0.21	240.173	2.85	00	36785.2523	30	36788.1428
	31	3154449.266	1383.5927	16.644	0.21	240.334	2.85	00	36791.0345	30	36793.9275
	32	3156295.666	1384.5477	16.659	0.21	240.494	2.85	00	36796.8217	30	36799.7171
	33	3158142.071	1385.5031	16.674	0.21	240.655	2.86	00	36802.6138	30	36805.5117
	34	3159988.481	1386.4587	16.689	0.21	240.816	2.86	00	36808.4108	30	36811.3111
28	35	3161834.895	1387.4146	16.704	0.21	240.977	2.86	00	36814.2127	30	36817.1156
	36	3163681.313	1388.3708	16.719	0.21	241.139	2.87	00	36820.0196	30	36822.9250
	37	3165527.736	1389.3274	16.734	0.21	241.300	2.87	00	36825.8315	30	36828.7393
	38	3167374.164	1390.2842	16.749	0.21	241.462	2.87	00	36831.6483	30	36834.5586
	39	3169220.596	1391.2413	16.764	0.21	241.624	2.88	00	36837.4701	30	36840.3828
28	40	3171067.033	1392.1987	16.779	0.21	241.786	2.88	00	36843.2968	30	36846.2120
	41	3172913.474	1393.1564	16.794	0.21	241.948	2.89	00	36849.1284	30	36852.0461
	42	3174759.920	1394.1144	16.809	0.21	242.111	2.89	00	36854.9651	30	36857.8853
	43	3176606.370	1395.0727	16.824	0.21	242.274	2.89	00	36860.8067	30	36863.7294
	44	3178452.825	1396.0314	16.839	0.22	242.437	2.90	00	36866.6533	30	36869.5784
28	45	3180299.285	1396.9903	16.854	0.22	242.600	2.90	00	36872.5048	30	36875.4324
	46	3182145.749	1397.9495	16.869	0.22	242.763	2.90	00	36878.3613	30	36881.2915
	47	3183992.217	1398.9090	16.884	0.22	242.926	2.91	00	36884.2228	30	36887.1555
	48	3185838.691	1399.8688	16.899	0.22	243.090	2.91	00	36890.0893	30	36893.0244
	49	3187685.168	1400.8289	16.914	0.22	243.254	2.92	00	36895.9608	30	36898.8984
28	50	3189531.651	1401.7893	16.930	0.22	243.418	2.92	00	36901.8373	30	36904.7774
	51	3191378.138	1402.7500	16.945	0.22	243.583	2.92	00	36907.7187	30	36910.6613
	52	3193224.629	1403.7110	16.960	0.22	243.747	2.93	00	36913.6052	30	36916.5503
	53	3195071.125	1404.6723	16.975	0.22	243.912	2.93	00	36919.4967	30	36922.4443
	54	3196917.625	1405.6339	16.990	0.22	244.077	2.93	00	36925.3931	30	36928.3432
28	55	3198764.131	1406.5958	17.005	0.22	244.242	2.94	00	36931.2946	30	36934.2472
	56	3200610.640	1407.5581	17.020	0.22	244.407	2.94	00	36937.2011	30	36940.1562
	57	3202457.155	1408.5206	17.036	0.22	244.573	2.95	00	36943.1126	30	36946.0702
	58	3204303.673	1409.4834	17.051	0.22	244.738	2.95	00	36949.0291	30	36951.9892
	59	3206150.197	1410.4465	17.066	0.22	244.904	2.95	00	36954.9506	30	36957.9133
29	00	3207996.725	1411.4100	17.081	0.22	245.071	2.96	00	36960.8772	30	36963.8424

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
29	0	3207996.725	1411.4100	17.081	0.22	245.071	2.96	00	36960.8772	30	36963.8424
	1	3209843.257	1412.3737	17.097	0.22	245.237	2.96	00	36966.8088	30	36969.7765
	2	3211689.795	1413.3377	17.112	0.22	245.403	2.96	00	36972.7454	30	36975.7156
	3	3213536.336	1414.3021	17.127	0.22	245.570	2.97	00	36978.6871	30	36981.6598
	4	3215382.883	1415.2667	17.142	0.22	245.737	2.97	00	36984.6338	30	36987.6090
29	5	3217229.434	1416.2317	17.158	0.22	245.904	2.98	00	36990.5855	30	36993.5633
	6	3219075.989	1417.1970	17.173	0.22	246.072	2.98	00	36996.5423	30	36999.5226
	7	3220922.549	1418.1625	17.188	0.22	246.239	2.98	00	37002.5041	30	37005.4869
	8	3222769.114	1419.1284	17.204	0.22	246.407	2.99	00	37008.4710	30	37011.4564
	9	3224615.683	1420.0946	17.219	0.22	246.575	2.99	00	37014.4430	30	37017.4308
29	10	3226462.257	1421.0611	17.234	0.22	246.743	3.00	00	37020.4200	30	37023.4104
	11	3228308.836	1422.0279	17.250	0.22	246.911	3.00	00	37026.4020	30	37029.3950
	12	3230155.419	1422.9950	17.265	0.22	247.080	3.00	00	37032.3892	30	37035.3846
	13	3232002.007	1423.9624	17.280	0.22	247.249	3.01	00	37038.3814	30	37041.3794
	14	3233848.599	1424.9301	17.296	0.22	247.418	3.01	00	37044.3786	30	37047.3792
29	15	3235695.196	1425.8981	17.311	0.22	247.587	3.01	00	37050.3810	30	37053.3841
	16	3237541.797	1426.8665	17.327	0.22	247.756	3.02	00	37056.3884	30	37059.3940
	17	3239388.403	1427.8351	17.342	0.22	247.926	3.02	00	37062.4009	30	37065.4091
	18	3241235.014	1428.8041	17.358	0.22	248.096	3.03	00	37068.4185	30	37071.4293
	19	3243081.629	1429.7733	17.373	0.22	248.266	3.03	00	37074.4412	30	37077.4545
29	20	3244928.249	1430.7429	17.389	0.22	248.436	3.03	00	37080.4690	30	37083.4848
	21	3246774.874	1431.7128	17.404	0.22	248.606	3.04	00	37086.5019	30	37089.5203
	22	3248621.503	1432.6830	17.420	0.23	248.777	3.04	00	37092.5399	30	37095.5608
	23	3250468.137	1433.6535	17.435	0.23	248.948	3.05	00	37098.5830	30	37101.6065
	24	3252314.775	1434.6243	17.451	0.23	249.119	3.05	00	37104.6312	30	37107.6572
29	25	3254161.418	1435.5954	17.466	0.23	249.290	3.05	00	37110.6845	30	37113.7131
	26	3256008.066	1436.5669	17.482	0.23	249.462	3.06	00	37116.7429	30	37119.7741
	27	3257854.718	1437.5386	17.497	0.23	249.633	3.06	00	37122.8065	30	37125.8402
	28	3259701.375	1438.5107	17.513	0.23	249.805	3.07	00	37128.8752	30	37131.9114
	29	3261548.037	1439.4831	17.528	0.23	249.977	3.07	00	37134.9490	30	37137.9878
29	30	3263394.703	1440.4558	17.544	0.23	250.150	3.07	00	37141.0279	30	37144.0693
	31	3265241.374	1441.4288	17.560	0.23	250.322	3.08	00	37147.1120	30	37150.1559
	32	3267088.049	1442.4021	17.575	0.23	250.495	3.08	00	37153.2012	30	37156.2477
	33	3268934.729	1443.3757	17.591	0.23	250.668	3.09	00	37159.2955	30	37162.3446
	34	3270781.414	1444.3497	17.607	0.23	250.841	3.09	00	37165.3950	30	37168.4467
29	35	3272628.104	1445.3239	17.622	0.23	251.014	3.09	00	37171.4996	30	37174.5539
	36	3274474.798	1446.2985	17.638	0.23	251.188	3.10	00	37177.6094	30	37180.6662
	37	3276321.496	1447.2734	17.654	0.23	251.362	3.10	00	37183.7244	30	37186.7838
	38	3278168.199	1448.2486	17.669	0.23	251.536	3.11	00	37189.8445	30	37192.9064
	39	3280014.907	1449.2241	17.685	0.23	251.710	3.11	00	37195.9697	30	37199.0343
29	40	3281861.620	1450.2000	17.701	0.23	251.884	3.11	00	37202.1001	30	37205.1673
	41	3283708.337	1451.1761	17.717	0.23	252.059	3.12	00	37208.2357	30	37211.3055
	42	3285555.059	1452.1526	17.732	0.23	252.234	3.12	00	37214.3765	30	37217.4488
	43	3287401.785	1453.1294	17.748	0.23	252.409	3.13	00	37220.5225	30	37223.5974
	44	3289248.517	1454.1065	17.764	0.23	252.584	3.13	00	37226.6736	30	37229.7511
29	45	3291095.252	1455.0840	17.780	0.23	252.760	3.14	00	37232.8299	30	37235.9100
	46	3292941.993	1456.0617	17.796	0.23	252.935	3.14	00	37238.9914	30	37242.0741
	47	3294788.738	1457.0398	17.811	0.23	253.111	3.14	00	37245.1581	30	37248.2434
	48	3296635.488	1458.0182	17.827	0.23	253.287	3.15	00	37251.3300	30	37254.4179
	49	3298482.242	1458.9969	17.843	0.23	253.464	3.15	00	37257.5071	30	37260.5976
29	50	3300329.001	1459.9759	17.859	0.23	253.640	3.16	00	37263.6893	30	37266.7824
	51	3302175.765	1460.9552	17.875	0.23	253.817	3.16	00	37269.8768	30	37272.9725
	52	3304022.534	1461.9349	17.891	0.23	253.994	3.16	00	37276.0695	30	37279.1678
	53	3305869.307	1462.9149	17.907	0.23	254.171	3.17	00	37282.2675	30	37285.3684
	54	3307716.085	1463.8952	17.922	0.23	254.349	3.17	00	37288.4706	30	37291.5741
29	55	3309562.867	1464.8758	17.938	0.23	254.526	3.18	00	37294.6789	30	37297.7851
	56	3311409.654	1465.8568	17.954	0.23	254.704	3.18	00	37300.8925	30	37304.0013
	57	3313256.446	1466.8380	17.970	0.23	254.882	3.19	00	37307.1113	30	37310.2227
	58	3315103.242	1467.8196	17.986	0.24	255.060	3.19	00	37313.3354	30	37316.4493
	59	3316950.044	1468.8016	18.002	0.24	255.239	3.19	00	37319.5646	30	37322.6812
30	00	3318796.849	1469.7838	18.018	0.24	255.418	3.20	00	37325.7991	30	37328.9184

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
30	0	3318796.849	1469.7838	18.018	0.24	255.418	3.20	00	37325.7991	30	37328.9184
	1	3320643.660	1470.7664	18.034	0.24	255.597	3.20	00	37332.0389	30	37335.1607
	2	3322490.475	1471.7492	18.050	0.24	255.776	3.21	00	37338.2839	30	37341.4084
	3	3324337.295	1472.7325	18.066	0.24	255.955	3.21	00	37344.5341	30	37347.6612
	4	3326184.119	1473.7160	18.082	0.24	256.135	3.21	00	37350.7896	30	37353.9194
30	5	3328030.949	1474.6999	18.098	0.24	256.315	3.22	00	37357.0504	30	37360.1828
	6	3329877.783	1475.6840	18.115	0.24	256.495	3.22	00	37363.3164	30	37366.4514
	7	3331724.621	1476.6685	18.131	0.24	256.675	3.23	00	37369.5877	30	37372.7253
	8	3333571.465	1477.6534	18.147	0.24	256.855	3.23	00	37375.8643	30	37379.0045
	9	3335418.313	1478.6385	18.163	0.24	257.036	3.24	00	37382.1461	30	37385.2890
30	10	3337265.165	1479.6240	18.179	0.24	257.217	3.24	00	37388.4332	30	37391.5787
	11	3339112.023	1480.6099	18.195	0.24	257.398	3.24	00	37394.7256	30	37397.8738
	12	3340958.885	1481.5960	18.211	0.24	257.580	3.25	00	37401.0233	30	37404.1741
	13	3342805.751	1482.5825	18.227	0.24	257.761	3.25	00	37407.3262	30	37410.4797
	14	3344652.623	1483.5693	18.244	0.24	257.943	3.26	00	37413.6345	30	37416.7906
30	15	3346499.499	1484.5564	18.260	0.24	258.125	3.26	00	37419.9480	30	37423.1068
	16	3348346.380	1485.5438	18.276	0.24	258.307	3.27	00	37426.2668	30	37429.4283
	17	3350193.266	1486.5316	18.292	0.24	258.490	3.27	00	37432.5910	30	37435.7551
	18	3352040.156	1487.5197	18.309	0.24	258.673	3.27	00	37438.9204	30	37442.0872
	19	3353887.051	1488.5082	18.325	0.24	258.855	3.28	00	37445.2552	30	37448.4246
30	20	3355733.951	1489.4969	18.341	0.24	259.039	3.28	00	37451.5953	30	37454.7673
	21	3357580.855	1490.4860	18.357	0.24	259.222	3.29	00	37457.9407	30	37461.1154
	22	3359427.764	1491.4755	18.374	0.24	259.406	3.29	00	37464.2914	30	37467.4687
	23	3361274.678	1492.4652	18.390	0.24	259.589	3.30	00	37470.6474	30	37473.8274
	24	3363121.597	1493.4553	18.406	0.24	259.774	3.30	00	37477.0088	30	37480.1915
30	25	3364968.520	1494.4457	18.423	0.24	259.958	3.31	00	37483.3755	30	37486.5608
	26	3366815.448	1495.4365	18.439	0.24	260.142	3.31	00	37489.7475	30	37492.9356
	27	3368662.381	1496.4276	18.455	0.24	260.327	3.31	00	37496.1249	30	37499.3156
	28	3370509.318	1497.4190	18.472	0.24	260.512	3.32	00	37502.5076	30	37505.7010
	29	3372356.260	1498.4108	18.488	0.24	260.697	3.32	00	37508.8957	30	37512.0917
30	30	3374203.207	1499.4028	18.504	0.24	260.883	3.33	00	37515.2891	30	37518.4878
	31	3376050.159	1500.3953	18.521	0.24	261.068	3.33	00	37521.6879	30	37524.8893
	32	3377897.115	1501.3880	18.537	0.25	261.254	3.34	00	37528.0920	30	37531.2961
	33	3379744.076	1502.3811	18.554	0.25	261.440	3.34	00	37534.5016	30	37537.7083
	34	3381591.042	1503.3745	18.570	0.25	261.627	3.35	00	37540.9164	30	37544.1259
30	35	3383438.013	1504.3683	18.587	0.25	261.813	3.35	00	37547.3367	30	37550.5488
	36	3385284.988	1505.3624	18.603	0.25	262.000	3.35	00	37553.7623	30	37556.9771
	37	3387131.968	1506.3568	18.620	0.25	262.187	3.36	00	37560.1933	30	37563.4108
	38	3388978.953	1507.3515	18.636	0.25	262.374	3.36	00	37566.6297	30	37569.8499
	39	3390825.942	1508.3466	18.653	0.25	262.562	3.37	00	37573.0714	30	37576.2943
30	40	3392672.936	1509.3421	18.669	0.25	262.749	3.37	00	37579.5186	30	37582.7442
	41	3394519.935	1510.3378	18.686	0.25	262.937	3.38	00	37585.9711	30	37589.1994
	42	3396366.939	1511.3339	18.702	0.25	263.125	3.38	00	37592.4291	30	37595.6601
	43	3398213.948	1512.3304	18.719	0.25	263.314	3.39	00	37598.8924	30	37602.1261
	44	3400060.961	1513.3272	18.736	0.25	263.503	3.39	00	37605.3612	30	37608.5976
30	45	3401907.979	1514.3243	18.752	0.25	263.691	3.40	00	37611.8354	30	37615.0745
	46	3403755.002	1515.3218	18.769	0.25	263.880	3.40	00	37618.3149	30	37621.5568
	47	3405602.029	1516.3196	18.785	0.25	264.070	3.40	00	37624.7999	30	37628.0445
	48	3407449.061	1517.3177	18.802	0.25	264.259	3.41	00	37631.2904	30	37634.5376
	49	3409296.098	1518.3162	18.819	0.25	264.449	3.41	00	37637.7862	30	37641.0362
30	50	3411143.140	1519.3150	18.835	0.25	264.639	3.42	00	37644.2875	30	37647.5402
	51	3412990.186	1520.3141	18.852	0.25	264.829	3.42	00	37650.7942	30	37654.0496
	52	3414837.238	1521.3136	18.869	0.25	265.020	3.43	00	37657.3064	30	37660.5645
	53	3416684.294	1522.3135	18.886	0.25	265.211	3.43	00	37663.8239	30	37667.0848
	54	3418531.354	1523.3137	18.902	0.25	265.402	3.44	00	37670.3470	30	37673.6105
30	55	3420378.420	1524.3142	18.919	0.25	265.593	3.44	00	37676.8755	30	37680.1418
	56	3422225.490	1525.3150	18.936	0.25	265.784	3.45	00	37683.4094	30	37686.6784
	57	3424072.565	1526.3162	18.953	0.25	265.976	3.45	00	37689.9488	30	37693.2206
	58	3425919.645	1527.3178	18.969	0.25	266.168	3.46	00	37696.4937	30	37699.7681
	59	3427766.730	1528.3197	18.986	0.25	266.360	3.46	00	37703.0440	30	37706.3212
31	00	3429613.819	1529.3219	19.003	0.25	266.552	3.46	00	37709.5998	30	37712.8797

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
31	0	3429613.819	1529.3219	19.003	0.25	266.552	3.46	00	37709.5998	30	37712.8797
	1	3431460.913	1530.3245	19.020	0.25	266.745	3.47	00	37716.1611	30	37719.4437
	2	3433308.012	1531.3274	19.037	0.25	266.938	3.47	00	37722.7278	30	37726.0132
	3	3435155.116	1532.3307	19.054	0.25	267.131	3.48	00	37729.3000	30	37732.5882
	4	3437002.224	1533.3343	19.071	0.26	267.324	3.48	00	37735.8777	30	37739.1686
31	5	3438849.338	1534.3382	19.087	0.26	267.518	3.49	00	37742.4609	30	37745.7546
	6	3440696.456	1535.3425	19.104	0.26	267.712	3.49	00	37749.0496	30	37752.3460
	7	3442543.578	1536.3472	19.121	0.26	267.906	3.50	00	37755.6438	30	37758.9430
	8	3444390.706	1537.3522	19.138	0.26	268.100	3.50	00	37762.2435	30	37765.5454
	9	3446237.838	1538.3575	19.155	0.26	268.294	3.51	00	37768.8487	30	37772.1534
31	10	3448084.975	1539.3632	19.172	0.26	268.489	3.51	00	37775.4594	30	37778.7668
	11	3449932.117	1540.3692	19.189	0.26	268.684	3.52	00	37782.0756	30	37785.3858
	12	3451779.264	1541.3756	19.206	0.26	268.879	3.52	00	37788.6974	30	37792.0103
	13	3453626.416	1542.3824	19.223	0.26	269.075	3.53	00	37795.3246	30	37798.6403
	14	3455473.572	1543.3894	19.240	0.26	269.271	3.53	00	37801.9574	30	37805.2759
31	15	3457320.733	1544.3969	19.257	0.26	269.467	3.54	00	37808.5957	30	37811.9170
	16	3459167.899	1545.4046	19.274	0.26	269.663	3.54	00	37815.2396	30	37818.5636
	17	3461015.070	1546.4128	19.291	0.26	269.859	3.55	00	37821.8890	30	37825.2158
	18	3462862.245	1547.4212	19.309	0.26	270.056	3.55	00	37828.5439	30	37831.8735
	19	3464709.425	1548.4301	19.326	0.26	270.253	3.55	00	37835.2044	30	37838.5367
31	20	3466556.611	1549.4392	19.343	0.26	270.450	3.56	00	37841.8704	30	37845.2055
	21	3468403.800	1550.4488	19.360	0.26	270.648	3.56	00	37848.5420	30	37851.8799
	22	3470250.995	1551.4586	19.377	0.26	270.845	3.57	00	37855.2191	30	37858.5598
	23	3472098.195	1552.4689	19.394	0.26	271.043	3.57	00	37861.9018	30	37865.2453
	24	3473945.399	1553.4794	19.411	0.26	271.241	3.58	00	37868.5901	30	37871.9363
31	25	3475792.608	1554.4904	19.429	0.26	271.440	3.58	00	37875.2839	30	37878.6330
	26	3477639.822	1555.5017	19.446	0.26	271.638	3.59	00	37881.9834	30	37885.3352
	27	3479487.041	1556.5133	19.463	0.26	271.837	3.59	00	37888.6883	30	37892.0429
	28	3481334.264	1557.5253	19.480	0.26	272.036	3.60	00	37895.3989	30	37898.7563
	29	3483181.493	1558.5376	19.498	0.26	272.236	3.60	00	37902.1151	30	37905.4753
31	30	3485028.726	1559.5503	19.515	0.26	272.435	3.61	00	37908.8368	30	37912.1998
	31	3486875.964	1560.5634	19.532	0.26	272.635	3.61	00	37915.5642	30	37918.9300
	32	3488723.207	1561.5768	19.549	0.26	272.835	3.62	00	37922.2971	30	37925.6657
	33	3490570.454	1562.5906	19.567	0.26	273.036	3.62	00	37929.0357	30	37932.4071
	34	3492417.707	1563.6047	19.584	0.26	273.236	3.63	00	37935.7798	30	37939.1540
31	35	3494264.964	1564.6191	19.601	0.27	273.437	3.63	00	37942.5296	30	37945.9066
	36	3496112.226	1565.6340	19.619	0.27	273.638	3.64	00	37949.2850	30	37952.6648
	37	3497959.493	1566.6492	19.636	0.27	273.840	3.64	00	37956.0460	30	37959.4286
	38	3499806.765	1567.6647	19.654	0.27	274.041	3.65	00	37962.8126	30	37966.1981
	39	3501654.041	1568.6806	19.671	0.27	274.243	3.65	00	37969.5849	30	37972.9731
31	40	3503501.323	1569.6969	19.688	0.27	274.445	3.66	00	37976.3628	30	37979.7538
	41	3505348.609	1570.7135	19.706	0.27	274.648	3.66	00	37983.1463	30	37986.5402
	42	3507195.900	1571.7305	19.723	0.27	274.850	3.67	00	37989.9355	30	37993.3322
	43	3509043.196	1572.7478	19.741	0.27	275.053	3.67	00	37996.7303	30	38000.1298
	44	3510890.497	1573.7655	19.758	0.27	275.256	3.68	00	38003.5308	30	38006.9331
31	45	3512737.802	1574.7835	19.776	0.27	275.460	3.68	00	38010.3369	30	38013.7421
	46	3514585.113	1575.8019	19.793	0.27	275.663	3.69	00	38017.1487	30	38020.5567
	47	3516432.428	1576.8207	19.811	0.27	275.867	3.69	00	38023.9661	30	38027.3769
	48	3518279.748	1577.8398	19.828	0.27	276.071	3.70	00	38030.7892	30	38034.2029
	49	3520127.073	1578.8593	19.846	0.27	276.276	3.70	00	38037.6180	30	38041.0345
31	50	3521974.403	1579.8792	19.863	0.27	276.480	3.71	00	38044.4524	30	38047.8718
	51	3523821.738	1580.8994	19.881	0.27	276.685	3.71	00	38051.2926	30	38054.7148
	52	3525669.077	1581.9200	19.899	0.27	276.890	3.72	00	38058.1384	30	38061.5634
	53	3527516.421	1582.9409	19.916	0.27	277.096	3.72	00	38064.9899	30	38068.4178
	54	3529363.771	1583.9622	19.934	0.27	277.301	3.73	00	38071.8471	30	38075.2778
31	55	3531211.125	1584.9839	19.952	0.27	277.507	3.73	00	38078.7100	30	38082.1435
	56	3533058.483	1586.0059	19.969	0.27	277.713	3.74	00	38085.5785	30	38089.0150
	57	3534905.847	1587.0283	19.987	0.27	277.920	3.74	00	38092.4528	30	38095.8921
	58	3536753.216	1588.0511	20.005	0.27	278.126	3.75	00	38099.3328	30	38102.7750
	59	3538600.589	1589.0742	20.022	0.27	278.333	3.76	00	38106.2186	30	38109.6636
32	00	3540447.968	1590.0977	20.040	0.27	278.540	3.76	00	38113.1100	30	38116.5578

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
32	0	3540447.968	1590.0977	20.040	0.27	278.540	3.76	00	38113.1100	30	38116.5578
	1	3542295.351	1591.1215	20.058	0.27	278.748	3.77	00	38120.0071	30	38123.4579
	2	3544142.739	1592.1458	20.076	0.27	278.956	3.77	00	38126.9100	30	38130.3636
	3	3545990.132	1593.1704	20.093	0.27	279.164	3.78	00	38133.8186	30	38137.2751
	4	3547837.529	1594.1953	20.111	0.27	279.372	3.78	00	38140.7330	30	38144.1923
32	5	3549684.932	1595.2206	20.129	0.28	279.580	3.79	00	38147.6531	30	38151.1153
	6	3551532.339	1596.2463	20.147	0.28	279.789	3.79	00	38154.5789	30	38158.0440
	7	3553379.752	1597.2724	20.165	0.28	279.998	3.80	00	38161.5105	30	38164.9784
	8	3555227.169	1598.2988	20.183	0.28	280.207	3.80	00	38168.4478	30	38171.9186
	9	3557074.591	1599.3256	20.200	0.28	280.417	3.81	00	38175.3909	30	38178.8646
32	10	3558922.018	1600.3527	20.218	0.28	280.626	3.81	00	38182.3397	30	38185.8163
	11	3560769.450	1601.3803	20.236	0.28	280.836	3.82	00	38189.2943	30	38192.7738
	12	3562616.887	1602.4082	20.254	0.28	281.047	3.82	00	38196.2547	30	38199.7371
	13	3564464.328	1603.4364	20.272	0.28	281.257	3.83	00	38203.2209	30	38206.7061
	14	3566311.775	1604.4651	20.290	0.28	281.468	3.83	00	38210.1928	30	38213.6809
32	15	3568159.226	1605.4941	20.308	0.28	281.679	3.84	00	38217.1705	30	38220.6615
	16	3570006.682	1606.5234	20.326	0.28	281.891	3.84	00	38224.1540	30	38227.6479
	17	3571854.143	1607.5532	20.344	0.28	282.102	3.85	00	38231.1433	30	38234.6401
	18	3573701.609	1608.5833	20.362	0.28	282.314	3.86	00	38238.1384	30	38241.6381
	19	3575549.080	1609.6138	20.380	0.28	282.526	3.86	00	38245.1393	30	38248.6419
32	20	3577396.556	1610.6447	20.398	0.28	282.739	3.87	00	38252.1460	30	38255.6515
	21	3579244.037	1611.6759	20.416	0.28	282.951	3.87	00	38259.1585	30	38262.6669
	22	3581091.522	1612.7075	20.434	0.28	283.164	3.88	00	38266.1768	30	38269.6881
	23	3582939.012	1613.7395	20.452	0.28	283.377	3.88	00	38273.2009	30	38276.7152
	24	3584786.508	1614.7719	20.471	0.28	283.591	3.89	00	38280.2309	30	38283.7480
32	25	3586634.008	1615.8046	20.489	0.28	283.804	3.89	00	38287.2666	30	38290.7867
	26	3588481.513	1616.8377	20.507	0.28	284.018	3.90	00	38294.3083	30	38297.8313
	27	3590329.023	1617.8712	20.525	0.28	284.233	3.90	00	38301.3557	30	38304.8816
	28	3592176.538	1618.9051	20.543	0.28	284.447	3.91	00	38308.4090	30	38311.9378
	29	3594024.058	1619.9393	20.561	0.28	284.662	3.91	00	38315.4681	30	38318.9999
32	30	3595871.582	1620.9739	20.580	0.28	284.877	3.92	00	38322.5331	30	38326.0678
	31	3597719.112	1622.0089	20.598	0.28	285.092	3.93	00	38329.6039	30	38333.1415
	32	3599566.646	1623.0443	20.616	0.28	285.308	3.93	00	38336.6806	30	38340.2212
	33	3601414.186	1624.0800	20.634	0.29	285.524	3.94	00	38343.7632	30	38347.3066
	34	3603261.730	1625.1161	20.653	0.29	285.740	3.94	00	38350.8516	30	38354.3980
32	35	3605109.279	1626.1526	20.671	0.29	285.956	3.95	00	38357.9459	30	38361.4952
	36	3606956.833	1627.1895	20.689	0.29	286.173	3.95	00	38365.0460	30	38368.5983
	37	3608804.392	1628.2268	20.708	0.29	286.390	3.96	00	38372.1521	30	38375.7073
	38	3610651.956	1629.2644	20.726	0.29	286.607	3.96	00	38379.2640	30	38382.8222
	39	3612499.525	1630.3024	20.744	0.29	286.825	3.97	00	38386.3818	30	38389.9429
32	40	3614347.099	1631.3408	20.763	0.29	287.042	3.98	00	38393.5055	30	38397.0696
	41	3616194.678	1632.3796	20.781	0.29	287.260	3.98	00	38400.6351	30	38404.2022
	42	3618042.261	1633.4188	20.800	0.29	287.479	3.99	00	38407.7707	30	38411.3406
	43	3619889.850	1634.4583	20.818	0.29	287.697	3.99	00	38414.9121	30	38418.4850
	44	3621737.443	1635.4982	20.836	0.29	287.916	4.00	00	38422.0594	30	38425.6353
32	45	3623585.041	1636.5385	20.855	0.29	288.135	4.00	00	38429.2126	30	38432.7915
	46	3625432.645	1637.5792	20.873	0.29	288.355	4.01	00	38436.3718	30	38439.9536
	47	3627280.253	1638.6203	20.892	0.29	288.574	4.01	00	38443.5369	30	38447.1217
	48	3629127.866	1639.6618	20.910	0.29	288.794	4.02	00	38450.7079	30	38454.2957
	49	3630975.484	1640.7036	20.929	0.29	289.015	4.03	00	38457.8849	30	38461.4756
32	50	3632823.107	1641.7458	20.947	0.29	289.235	4.03	00	38465.0678	30	38468.6614
	51	3634670.735	1642.7884	20.966	0.29	289.456	4.04	00	38472.2566	30	38475.8533
	52	3636518.368	1643.8314	20.985	0.29	289.677	4.04	00	38479.4514	30	38483.0510
	53	3638366.005	1644.8748	21.003	0.29	289.898	4.05	00	38486.6521	30	38490.2547
	54	3640213.648	1645.9186	21.022	0.29	290.120	4.05	00	38493.8588	30	38497.4644
32	55	3642061.296	1646.9627	21.040	0.29	290.342	4.06	00	38501.0715	30	38504.6800
	56	3643908.948	1648.0072	21.059	0.29	290.564	4.07	00	38508.2901	30	38511.9017
	57	3645756.606	1649.0522	21.078	0.29	290.786	4.07	00	38515.5147	30	38519.1292
	58	3647604.268	1650.0975	21.097	0.29	291.009	4.08	00	38522.7453	30	38526.3628
	59	3649451.935	1651.1432	21.115	0.29	291.232	4.08	00	38529.9818	30	38533.6023
33	00	3651299.608	1652.1893	21.134	0.29	291.455	4.09	00	38537.2243	30	38540.8479

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
33	0	3651299.608	1652.1893	21.134	0.29	291.455	4.09	00	38537.2243	30	38540.8479
	1	3653147.285	1653.2357	21.153	0.30	291.679	4.09	00	38544.4729	30	38548.0994
	2	3654994.967	1654.2826	21.171	0.30	291.903	4.10	00	38551.7274	30	38555.3569
	3	3656842.654	1655.3298	21.190	0.30	292.127	4.11	00	38558.9879	30	38562.6204
	4	3658690.346	1656.3775	21.209	0.30	292.351	4.11	00	38566.2544	30	38569.8899
33	5	3660538.043	1657.4255	21.228	0.30	292.576	4.12	00	38573.5269	30	38577.1655
	6	3662385.745	1658.4739	21.247	0.30	292.801	4.12	00	38580.8055	30	38584.4470
	7	3664233.452	1659.5228	21.265	0.30	293.026	4.13	00	38588.0900	30	38591.7346
	8	3666081.164	1660.5720	21.284	0.30	293.251	4.14	00	38595.3806	30	38599.0282
	9	3667928.881	1661.6216	21.303	0.30	293.477	4.14	00	38602.6772	30	38606.3278
33	10	3669776.602	1662.6715	21.322	0.30	293.703	4.15	00	38609.9799	30	38613.6334
	11	3671624.329	1663.7219	21.341	0.30	293.930	4.15	00	38617.2885	30	38620.9451
	12	3673472.061	1664.7727	21.360	0.30	294.156	4.16	00	38624.6033	30	38628.2629
	13	3675319.797	1665.8239	21.379	0.30	294.383	4.16	00	38631.9240	30	38635.5867
	14	3677167.539	1666.8754	21.398	0.30	294.610	4.17	00	38639.2508	30	38642.9165
33	15	3679015.285	1667.9274	21.417	0.30	294.838	4.18	00	38646.5837	30	38650.2524
	16	3680863.037	1668.9797	21.436	0.30	295.066	4.18	00	38653.9226	30	38657.5943
	17	3682710.793	1670.0325	21.455	0.30	295.294	4.19	00	38661.2676	30	38664.9424
	18	3684558.555	1671.0856	21.474	0.30	295.522	4.19	00	38668.6186	30	38672.2965
	19	3686406.321	1672.1391	21.493	0.30	295.751	4.20	00	38675.9758	30	38679.6566
33	20	3688254.092	1673.1931	21.512	0.30	295.980	4.21	00	38683.3390	30	38687.0229
	21	3690101.869	1674.2474	21.531	0.30	296.209	4.21	00	38690.7083	30	38694.3952
	22	3691949.650	1675.3021	21.550	0.30	296.439	4.22	00	38698.0837	30	38701.7736
	23	3693797.436	1676.3573	21.569	0.30	296.668	4.22	00	38705.4651	30	38709.1581
	24	3695645.227	1677.4128	21.589	0.30	296.898	4.23	00	38712.8527	30	38716.5488
33	25	3697493.024	1678.4687	21.608	0.30	297.129	4.24	00	38720.2464	30	38723.9455
	26	3699340.825	1679.5250	21.627	0.30	297.359	4.24	00	38727.6461	30	38731.3483
	27	3701188.631	1680.5817	21.646	0.31	297.590	4.25	00	38735.0520	30	38738.7573
	28	3703036.442	1681.6388	21.665	0.31	297.822	4.25	00	38742.4640	30	38746.1723
	29	3704884.258	1682.6964	21.685	0.31	298.053	4.26	00	38749.8822	30	38753.5935
33	30	3706732.079	1683.7543	21.704	0.31	298.285	4.27	00	38757.3064	30	38761.0208
	31	3708579.905	1684.8126	21.723	0.31	298.517	4.27	00	38764.7368	30	38768.4543
	32	3710427.736	1685.8713	21.742	0.31	298.750	4.28	00	38772.1733	30	38775.8939
	33	3712275.572	1686.9304	21.762	0.31	298.982	4.29	00	38779.6160	30	38783.3396
	34	3714123.413	1687.9899	21.781	0.31	299.215	4.29	00	38787.0648	30	38790.7915
33	35	3715971.259	1689.0499	21.800	0.31	299.449	4.30	00	38794.5197	30	38798.2495
	36	3717819.110	1690.1102	21.820	0.31	299.682	4.30	00	38801.9809	30	38805.7137
	37	3719666.966	1691.1709	21.839	0.31	299.916	4.31	00	38809.4481	30	38813.1841
	38	3721514.827	1692.2321	21.858	0.31	300.150	4.32	00	38816.9216	30	38820.6606
	39	3723362.693	1693.2936	21.878	0.31	300.385	4.32	00	38824.4012	30	38828.1433
33	40	3725210.564	1694.3555	21.897	0.31	300.620	4.33	00	38831.8870	30	38835.6322
	41	3727058.440	1695.4179	21.917	0.31	300.855	4.33	00	38839.3789	30	38843.1272
	42	3728906.320	1696.4806	21.936	0.31	301.090	4.34	00	38846.8771	30	38850.6284
	43	3730754.206	1697.5438	21.956	0.31	301.326	4.35	00	38854.3814	30	38858.1359
	44	3732602.097	1698.6073	21.975	0.31	301.562	4.35	00	38861.8919	30	38865.6495
33	45	3734449.993	1699.6713	21.995	0.31	301.798	4.36	00	38869.4086	30	38873.1693
	46	3736297.894	1700.7357	22.014	0.31	302.034	4.37	00	38876.9316	30	38880.6954
	47	3738145.800	1701.8005	22.034	0.31	302.271	4.37	00	38884.4607	30	38888.2276
	48	3739993.711	1702.8657	22.053	0.31	302.508	4.38	00	38891.9961	30	38895.7661
	49	3741841.626	1703.9313	22.073	0.31	302.746	4.38	00	38899.5376	30	38903.3107
33	50	3743689.547	1704.9973	22.093	0.31	302.984	4.39	00	38907.0854	30	38910.8616
	51	3745537.473	1706.0637	22.112	0.31	303.222	4.40	00	38914.6394	30	38918.4188
	52	3747385.404	1707.1305	22.132	0.32	303.460	4.40	00	38922.1997	30	38925.9822
	53	3749233.340	1708.1977	22.152	0.32	303.699	4.41	00	38929.7662	30	38933.5518
	54	3751081.281	1709.2654	22.171	0.32	303.938	4.42	00	38937.3389	30	38941.1276
33	55	3752929.227	1710.3334	22.191	0.32	304.177	4.42	00	38944.9179	30	38948.7097
	56	3754777.178	1711.4019	22.211	0.32	304.417	4.43	00	38952.5031	30	38956.2981
	57	3756625.133	1712.4708	22.230	0.32	304.656	4.44	00	38960.0946	30	38963.8927
	58	3758473.094	1713.5401	22.250	0.32	304.897	4.44	00	38967.6924	30	38971.4936
	59	3760321.060	1714.6098	22.270	0.32	305.137	4.45	00	38975.2964	30	38979.1008
34	00	3762169.031	1715.6799	22.290	0.32	305.378	4.45	00	38982.9067	30	38986.7142

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
34	0	3762169.031	1715.6799	22.290	0.32	305.378	4.45	00	38982.9067	30	38986.7142
	1	3764017.007	1716.7504	22.310	0.32	305.619	4.46	00	38990.5233	30	38994.3339
	2	3765864.988	1717.8214	22.330	0.32	305.860	4.47	00	38998.1461	30	39001.9599
	3	3767712.974	1718.8927	22.349	0.32	306.102	4.47	00	39005.7753	30	39009.5922
	4	3769560.965	1719.9645	22.369	0.32	306.344	4.48	00	39013.4107	30	39017.2308
34	5	3771408.961	1721.0367	22.389	0.32	306.586	4.49	00	39021.0525	30	39024.8757
	6	3773256.962	1722.1093	22.409	0.32	306.829	4.49	00	39028.7005	30	39032.5269
	7	3775104.968	1723.1823	22.429	0.32	307.072	4.50	00	39036.3549	30	39040.1844
	8	3776952.979	1724.2557	22.449	0.32	307.315	4.51	00	39044.0155	30	39047.8482
	9	3778800.996	1725.3296	22.469	0.32	307.559	4.51	00	39051.6825	30	39055.5184
34	10	3780649.017	1726.4039	22.489	0.32	307.803	4.52	00	39059.3558	30	39063.1948
	11	3782497.043	1727.4785	22.509	0.32	308.047	4.53	00	39067.0354	30	39070.8776
	12	3784345.074	1728.5536	22.529	0.32	308.291	4.53	00	39074.7214	30	39078.5667
	13	3786193.110	1729.6292	22.549	0.32	308.536	4.54	00	39082.4137	30	39086.2622
	14	3788041.152	1730.7051	22.569	0.32	308.781	4.55	00	39090.1123	30	39093.9640
34	15	3789889.198	1731.7815	22.589	0.32	309.026	4.55	00	39097.8173	30	39101.6722
	16	3791737.249	1732.8582	22.609	0.33	309.272	4.56	00	39105.5287	30	39109.3867
	17	3793585.306	1733.9354	22.629	0.33	309.518	4.57	00	39113.2464	30	39117.1076
	18	3795433.367	1735.0131	22.650	0.33	309.765	4.57	00	39120.9704	30	39124.8349
	19	3797281.434	1736.0911	22.670	0.33	310.011	4.58	00	39128.7009	30	39132.5685
34	20	3799129.505	1737.1696	22.690	0.33	310.258	4.59	00	39136.4377	30	39140.3085
	21	3800977.582	1738.2484	22.710	0.33	310.505	4.59	00	39144.1809	30	39148.0549
	22	3802825.663	1739.3277	22.730	0.33	310.753	4.60	00	39151.9305	30	39155.8076
	23	3804673.750	1740.4075	22.751	0.33	311.001	4.61	00	39159.6864	30	39163.5668
	24	3806521.841	1741.4876	22.771	0.33	311.249	4.61	00	39167.4488	30	39171.3324
34	25	3808369.938	1742.5682	22.791	0.33	311.498	4.62	00	39175.2175	30	39179.1043
	26	3810218.040	1743.6492	22.811	0.33	311.747	4.63	00	39182.9927	30	39186.8827
	27	3812066.147	1744.7306	22.832	0.33	311.996	4.63	00	39190.7743	30	39194.6675
	28	3813914.258	1745.8125	22.852	0.33	312.245	4.64	00	39198.5623	30	39202.4587
	29	3815762.375	1746.8947	22.872	0.33	312.495	4.65	00	39206.3567	30	39210.2563
34	30	3817610.497	1747.9774	22.893	0.33	312.745	4.65	00	39214.1575	30	39218.0603
	31	3819458.624	1749.0606	22.913	0.33	312.996	4.66	00	39221.9648	30	39225.8708
	32	3821306.756	1750.1441	22.934	0.33	313.246	4.67	00	39229.7785	30	39233.6877
	33	3823154.893	1751.2281	22.954	0.33	313.497	4.67	00	39237.5986	30	39241.5111
	34	3825003.035	1752.3125	22.975	0.33	313.749	4.68	00	39245.4252	30	39249.3409
34	35	3826851.183	1753.3973	22.995	0.33	314.001	4.69	00	39253.2582	30	39257.1772
	36	3828699.335	1754.4826	23.016	0.33	314.253	4.69	00	39261.0977	30	39265.0199
	37	3830547.492	1755.5683	23.036	0.33	314.505	4.70	00	39268.9437	30	39272.8691
	38	3832395.655	1756.6544	23.057	0.33	314.758	4.71	00	39276.7961	30	39280.7247
	39	3834243.822	1757.7410	23.077	0.33	315.011	4.71	00	39284.6550	30	39288.5869
34	40	3836091.994	1758.8280	23.098	0.34	315.264	4.72	00	39292.5204	30	39296.4555
	41	3837940.172	1759.9154	23.118	0.34	315.518	4.73	00	39300.3922	30	39304.3306
	42	3839788.355	1761.0032	23.139	0.34	315.772	4.73	00	39308.2706	30	39312.2122
	43	3841636.542	1762.0915	23.160	0.34	316.026	4.74	00	39316.1554	30	39320.1003
	44	3843484.735	1763.1802	23.180	0.34	316.280	4.75	00	39324.0467	30	39327.9948
34	45	3845332.933	1764.2693	23.201	0.34	316.535	4.76	00	39331.9446	30	39335.8959
	46	3847181.136	1765.3589	23.222	0.34	316.791	4.76	00	39339.8489	30	39343.8035
	47	3849029.344	1766.4489	23.242	0.34	317.046	4.77	00	39347.7598	30	39351.7177
	48	3850877.557	1767.5393	23.263	0.34	317.302	4.78	00	39355.6772	30	39359.6383
	49	3852725.775	1768.6302	23.284	0.34	317.559	4.78	00	39363.6011	30	39367.5655
34	50	3854573.998	1769.7215	23.305	0.34	317.815	4.79	00	39371.5315	30	39375.4992
	51	3856422.226	1770.8133	23.325	0.34	318.072	4.80	00	39379.4685	30	39383.4394
	52	3858270.459	1771.9054	23.346	0.34	318.329	4.80	00	39387.4120	30	39391.3862
	53	3860118.698	1772.9981	23.367	0.34	318.587	4.81	00	39395.3621	30	39399.3395
	54	3861966.941	1774.0911	23.388	0.34	318.845	4.82	00	39403.3187	30	39407.2994
34	55	3863815.190	1775.1846	23.409	0.34	319.103	4.83	00	39411.2818	30	39415.2659
	56	3865663.443	1776.2785	23.430	0.34	319.362	4.83	00	39419.2516	30	39423.2389
	57	3867511.702	1777.3729	23.451	0.34	319.620	4.84	00	39427.2279	30	39431.2185
	58	3869359.966	1778.4677	23.472	0.34	319.880	4.85	00	39435.2107	30	39439.2046
	59	3871208.235	1779.5629	23.493	0.34	320.139	4.85	00	39443.2002	30	39447.1974
35	00	3873056.509	1780.6586	23.514	0.34	320.399	4.86	00	39451.1962	30	39455.1967

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
35	0	3873856.509	1780.6586	23.514	0.34	320.399	4.86	00	39451.1962	30	39455.1967
	1	3874904.788	1781.7547	23.535	0.34	320.659	4.87	00	39459.1988	30	39463.2026
	2	3876753.072	1782.8513	23.556	0.35	320.920	4.88	00	39467.2081	30	39471.2151
	3	3878601.361	1783.9483	23.577	0.35	321.181	4.88	00	39475.2239	30	39479.2343
	4	3880449.655	1785.0457	23.598	0.35	321.442	4.89	00	39483.2463	30	39487.2600
35	5	3882297.955	1786.1436	23.619	0.35	321.703	4.90	00	39491.2753	30	39495.2923
	6	3884146.259	1787.2419	23.640	0.35	321.965	4.90	00	39499.3110	30	39503.3313
	7	3885994.569	1788.3407	23.661	0.35	322.228	4.91	00	39507.3533	30	39511.3769
	8	3887842.883	1789.4395	23.682	0.35	322.490	4.92	00	39515.4021	30	39519.4291
	9	3889691.203	1790.5395	23.703	0.35	322.753	4.93	00	39523.4577	30	39527.4879
35	10	3891539.528	1791.6396	23.725	0.35	323.016	4.93	00	39531.5198	30	39535.5534
	11	3893387.858	1792.7402	23.746	0.35	323.280	4.94	00	39539.5887	30	39543.6256
	12	3895236.193	1793.8412	23.767	0.35	323.544	4.95	00	39547.6641	30	39551.7043
	13	3897084.533	1794.9426	23.788	0.35	323.808	4.96	00	39555.7462	30	39559.7898
	14	3898932.878	1796.0445	23.810	0.35	324.073	4.96	00	39563.8350	30	39567.8819
35	15	3900781.229	1797.1468	23.831	0.35	324.338	4.97	00	39571.9305	30	39575.9807
	16	3902629.584	1798.2496	23.852	0.35	324.603	4.98	00	39580.0326	30	39584.0861
	17	3904477.944	1799.3528	23.874	0.35	324.868	4.99	00	39588.1413	30	39592.1982
	18	3906326.310	1800.4564	23.895	0.35	325.134	4.99	00	39596.2568	30	39600.3171
	19	3908174.681	1801.5605	23.916	0.35	325.401	5.00	00	39604.3790	30	39608.4426
35	20	3910023.057	1802.6651	23.938	0.35	325.667	5.01	00	39612.5078	30	39616.5748
	21	3911871.438	1803.7701	23.959	0.35	325.934	5.02	00	39620.6434	30	39624.7137
	22	3913719.824	1804.8756	23.981	0.35	326.202	5.02	00	39628.7856	30	39632.8593
	23	3915568.215	1805.9815	24.002	0.35	326.469	5.03	00	39636.9346	30	39641.0116
	24	3917416.611	1807.0878	24.023	0.36	326.737	5.04	00	39645.0903	30	39649.1706
35	25	3919265.012	1808.1946	24.045	0.36	327.006	5.05	00	39653.2527	30	39657.3364
	26	3921113.419	1809.3019	24.067	0.36	327.274	5.05	00	39661.4218	30	39665.5089
	27	3922961.831	1810.4096	24.088	0.36	327.543	5.06	00	39669.5976	30	39673.6881
	28	3924810.247	1811.5178	24.110	0.36	327.813	5.07	00	39677.7802	30	39681.8740
	29	3926658.669	1812.6264	24.131	0.36	328.083	5.08	00	39685.9696	30	39690.0668
35	30	3928507.096	1813.7355	24.153	0.36	328.353	5.08	00	39694.1656	30	39698.2662
	31	3930355.528	1814.8450	24.174	0.36	328.623	5.09	00	39702.3685	30	39706.4724
	32	3932203.965	1815.9550	24.196	0.36	328.894	5.10	00	39710.5781	30	39714.6854
	33	3934052.408	1817.0654	24.218	0.36	329.165	5.11	00	39718.7944	30	39722.9051
	34	3935900.855	1818.1763	24.240	0.36	329.436	5.11	00	39727.0176	30	39731.1317
35	35	3937749.308	1819.2876	24.261	0.36	329.708	5.12	00	39735.2475	30	39739.3650
	36	3939597.765	1820.3994	24.283	0.36	329.981	5.13	00	39743.4842	30	39747.6050
	37	3941446.228	1821.5117	24.305	0.36	330.253	5.14	00	39751.7276	30	39755.8519
	38	3943294.696	1822.6244	24.327	0.36	330.526	5.14	00	39759.9779	30	39764.1056
	39	3945143.169	1823.7375	24.348	0.36	330.799	5.15	00	39768.2350	30	39772.3661
35	40	3946991.647	1824.8512	24.370	0.36	331.073	5.16	00	39776.4989	30	39780.6333
	41	3948840.130	1825.9652	24.392	0.36	331.347	5.17	00	39784.7695	30	39788.9074
	42	3950688.619	1827.0798	24.414	0.36	331.621	5.17	00	39793.0470	30	39797.1883
	43	3952537.112	1828.1948	24.436	0.36	331.896	5.18	00	39801.3314	30	39805.4761
	44	3954385.611	1829.3103	24.458	0.36	332.171	5.19	00	39809.6225	30	39813.7706
35	45	3956234.115	1830.4262	24.480	0.37	332.446	5.20	00	39817.9205	30	39822.0721
	46	3958082.624	1831.5426	24.502	0.37	332.722	5.21	00	39826.2253	30	39830.3803
	47	3959931.138	1832.6594	24.524	0.37	332.998	5.21	00	39834.5370	30	39838.6954
	48	3961779.657	1833.7767	24.546	0.37	333.274	5.22	00	39842.8555	30	39847.0173
	49	3963628.181	1834.8945	24.568	0.37	333.551	5.23	00	39851.1809	30	39855.3461
35	50	3965476.711	1836.0127	24.590	0.37	333.828	5.24	00	39859.5131	30	39863.6818
	51	3967325.246	1837.1314	24.612	0.37	334.106	5.24	00	39867.8522	30	39872.0243
	52	3969173.785	1838.2505	24.634	0.37	334.384	5.25	00	39876.1982	30	39880.3738
	53	3971022.330	1839.3702	24.656	0.37	334.662	5.26	00	39884.5510	30	39888.7300
	54	3972870.880	1840.4903	24.678	0.37	334.940	5.27	00	39892.9108	30	39897.0932
35	55	3974719.435	1841.6108	24.700	0.37	335.219	5.28	00	39901.2774	30	39905.4633
	56	3976567.996	1842.7318	24.723	0.37	335.499	5.28	00	39909.6509	30	39913.8403
	57	3978416.561	1843.8533	24.745	0.37	335.778	5.29	00	39918.0314	30	39922.2242
	58	3980265.132	1844.9752	24.767	0.37	336.058	5.30	00	39926.4187	30	39930.6150
	59	3982113.708	1846.0977	24.789	0.37	336.339	5.31	00	39934.8129	30	39939.0127
36	00	3983962.288	1847.2205	24.812	0.37	336.620	5.32	00	39943.2141	30	39947.4173

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
36	0	3983962.288	1847.2205	24.812	0.37	336.620	5.32	00	39943.2141	30	39947.4173
	1	3985810.874	1848.3439	24.834	0.37	336.901	5.32	00	39951.6222	30	39955.8289
	2	3987659.466	1849.4677	24.856	0.37	337.182	5.33	00	39960.0372	30	39964.2474
	3	3989508.062	1850.5920	24.878	0.37	337.464	5.34	00	39968.4592	30	39972.6728
	4	3991356.663	1851.7168	24.901	0.37	337.746	5.35	00	39976.8881	30	39981.1052
36	5	3993205.270	1852.8420	24.923	0.38	338.029	5.36	00	39985.3240	30	39989.5445
	6	3995053.882	1853.9677	24.946	0.38	338.312	5.36	00	39993.7668	30	39997.9908
	7	3996902.499	1855.0938	24.968	0.38	338.595	5.37	00	40002.2165	30	40006.4440
	8	3998751.121	1856.2205	24.991	0.38	338.879	5.38	00	40010.6733	30	40014.9043
	9	4000599.748	1857.3476	25.013	0.38	339.163	5.39	00	40019.1370	30	40023.3714
36	10	4002448.381	1858.4752	25.036	0.38	339.447	5.40	00	40027.6077	30	40031.8456
	11	4004297.018	1859.6032	25.058	0.38	339.732	5.41	00	40036.0853	30	40040.3268
	12	4006145.661	1860.7318	25.081	0.38	340.017	5.41	00	40044.5700	30	40048.8149
	13	4007994.309	1861.8608	25.103	0.38	340.303	5.42	00	40053.0616	30	40057.3101
	14	4009842.962	1862.9903	25.126	0.38	340.589	5.43	00	40061.5603	30	40065.8123
36	15	4011691.620	1864.1202	25.148	0.38	340.875	5.44	00	40070.0660	30	40074.3214
	16	4013540.283	1865.2506	25.171	0.38	341.162	5.45	00	40078.5786	30	40082.8376
	17	4015388.952	1866.3815	25.194	0.38	341.449	5.45	00	40087.0983	30	40091.3608
	18	4017237.626	1867.5129	25.216	0.38	341.736	5.46	00	40095.6251	30	40099.8911
	19	4019086.305	1868.6448	25.239	0.38	342.024	5.47	00	40104.1588	30	40108.4283
36	20	4020934.989	1869.7771	25.262	0.38	342.312	5.48	00	40112.6996	30	40116.9726
	21	4022783.678	1870.9099	25.285	0.38	342.601	5.49	00	40121.2474	30	40125.5240
	22	4024632.372	1872.0432	25.307	0.38	342.889	5.50	00	40129.8023	30	40134.0824
	23	4026481.072	1873.1770	25.330	0.38	343.179	5.50	00	40138.3643	30	40142.6479
	24	4028329.776	1874.3112	25.353	0.38	343.468	5.51	00	40146.9333	30	40151.2204
36	25	4030178.486	1875.4460	25.376	0.39	343.758	5.52	00	40155.5093	30	40159.8000
	26	4032027.201	1876.5812	25.399	0.39	344.049	5.53	00	40164.0925	30	40168.3867
	27	4033875.922	1877.7169	25.422	0.39	344.340	5.54	00	40172.6827	30	40176.9805
	28	4035724.647	1878.8530	25.445	0.39	344.631	5.55	00	40181.2800	30	40185.5813
	29	4037573.378	1879.9897	25.468	0.39	344.922	5.55	00	40189.8844	30	40194.1892
36	30	4039422.113	1881.1268	25.491	0.39	345.214	5.56	00	40198.4959	30	40202.8043
	31	4041270.854	1882.2644	25.514	0.39	345.507	5.57	00	40207.1145	30	40211.4264
	32	4043119.600	1883.4025	25.537	0.39	345.799	5.58	00	40215.7402	30	40220.0557
	33	4044968.352	1884.5411	25.560	0.39	346.092	5.59	00	40224.3730	30	40228.6921
	34	4046817.108	1885.6802	25.583	0.39	346.386	5.60	00	40233.0130	30	40237.3356
36	35	4048665.870	1886.8198	25.606	0.39	346.680	5.61	00	40241.6600	30	40245.9862
	36	4050514.637	1887.9598	25.629	0.39	346.974	5.61	00	40250.3142	30	40254.6440
	37	4052363.409	1889.1003	25.652	0.39	347.269	5.62	00	40258.9756	30	40263.3089
	38	4054212.186	1890.2413	25.675	0.39	347.564	5.63	00	40267.6441	30	40271.9810
	39	4056060.968	1891.3828	25.698	0.39	347.859	5.64	00	40276.3197	30	40280.6602
36	40	4057909.756	1892.5248	25.722	0.39	348.155	5.65	00	40285.0025	30	40289.3466
	41	4059758.548	1893.6673	25.745	0.39	348.451	5.66	00	40293.6925	30	40298.0401
	42	4061607.346	1894.8103	25.768	0.39	348.747	5.67	00	40302.3896	30	40306.7409
	43	4063456.149	1895.9537	25.791	0.39	349.044	5.67	00	40311.0939	30	40315.4488
	44	4065304.958	1897.0977	25.815	0.40	349.342	5.68	00	40319.8054	30	40324.1639
36	45	4067153.771	1898.2421	25.838	0.40	349.639	5.69	00	40328.5241	30	40332.8861
	46	4069002.590	1899.3870	25.861	0.40	349.937	5.70	00	40337.2500	30	40341.6156
	47	4070851.414	1900.5324	25.885	0.40	350.236	5.71	00	40345.9831	30	40350.3523
	48	4072700.243	1901.6783	25.908	0.40	350.535	5.72	00	40354.7234	30	40359.0962
	49	4074549.077	1902.8247	25.931	0.40	350.834	5.73	00	40363.4709	30	40367.8473
36	50	4076397.917	1903.9716	25.955	0.40	351.134	5.74	00	40372.2256	30	40376.6057
	51	4078246.761	1905.1190	25.978	0.40	351.434	5.74	00	40380.9875	30	40385.3712
	52	4080095.611	1906.2669	26.002	0.40	351.734	5.75	00	40389.7567	30	40394.1440
	53	4081944.466	1907.4152	26.025	0.40	352.035	5.76	00	40398.5331	30	40402.9241
	54	4083793.326	1908.5641	26.049	0.40	352.336	5.77	00	40407.3168	30	40411.7113
36	55	4085642.192	1909.7135	26.073	0.40	352.638	5.78	00	40416.1077	30	40420.5059
	56	4087491.062	1910.8633	26.096	0.40	352.940	5.79	00	40424.9059	30	40429.3077
	57	4089339.938	1912.0137	26.120	0.40	353.242	5.80	00	40433.7113	30	40438.1168
	58	4091188.819	1913.1645	26.143	0.40	353.545	5.81	00	40442.5240	30	40446.9331
	59	4093037.706	1914.3159	26.167	0.40	353.848	5.82	00	40451.3440	30	40455.7567
37	00	4094886.597	1915.4677	26.191	0.40	354.152	5.82	00	40460.1713	30	40464.5876

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
37	0	4094886.597	1915.4677	26.191	0.40	354.152	5.82	00	40460.1713	30	40464.5876
	1	4096735.494	1916.6201	26.215	0.40	354.456	5.83	00	40469.0058	30	40473.4258
	2	4098584.396	1917.7729	26.238	0.41	354.761	5.84	00	40477.8477	30	40482.2713
	3	4100433.303	1918.9263	26.262	0.41	355.065	5.85	00	40486.6968	30	40491.1241
	4	4102282.215	1920.0801	26.286	0.41	355.371	5.86	00	40495.5533	30	40499.9843
37	5	4104131.132	1921.2344	26.310	0.41	355.676	5.87	00	40504.4171	30	40508.8517
	6	4105980.055	1922.3893	26.333	0.41	355.982	5.88	00	40513.2881	30	40517.7264
	7	4107828.983	1923.5446	26.357	0.41	356.289	5.89	00	40522.1666	30	40526.6085
	8	4109677.916	1924.7005	26.381	0.41	356.595	5.90	00	40531.0523	30	40535.4979
	9	4111526.854	1925.8568	26.405	0.41	356.903	5.91	00	40539.9454	30	40544.3947
37	10	4113375.798	1927.0137	26.429	0.41	357.210	5.92	00	40548.8458	30	40553.2988
	11	4115224.747	1928.1710	26.453	0.41	357.518	5.92	00	40557.7536	30	40562.2103
	12	4117073.701	1929.3289	26.477	0.41	357.827	5.93	00	40566.6688	30	40571.1291
	13	4118922.660	1930.4872	26.501	0.41	358.136	5.94	00	40575.5913	30	40580.0553
	14	4120771.624	1931.6461	26.525	0.41	358.445	5.95	00	40584.5212	30	40588.9889
37	15	4122620.594	1932.8055	26.549	0.41	358.755	5.96	00	40593.4584	30	40597.9298
	16	4124469.569	1933.9654	26.573	0.41	359.065	5.97	00	40602.4031	30	40606.8782
	17	4126318.549	1935.1258	26.597	0.41	359.375	5.98	00	40611.3551	30	40615.8339
	18	4128167.534	1936.2867	26.622	0.41	359.686	5.99	00	40620.3145	30	40624.7970
	19	4130016.524	1937.4481	26.646	0.41	359.997	6.00	00	40629.2814	30	40633.7676
37	20	4131865.520	1938.6100	26.670	0.42	360.309	6.01	00	40638.2556	30	40642.7455
	21	4133714.521	1939.7724	26.694	0.42	360.621	6.02	00	40647.2373	30	40651.7309
	22	4135563.527	1940.9353	26.718	0.42	360.934	6.03	00	40656.2264	30	40660.7237
	23	4137412.538	1942.0988	26.743	0.42	361.247	6.04	00	40665.2229	30	40669.7239
	24	4139261.555	1943.2627	26.767	0.42	361.560	6.04	00	40674.2268	30	40678.7316
37	25	4141110.577	1944.4272	26.791	0.42	361.874	6.05	00	40683.2382	30	40687.7467
	26	4142959.604	1945.5922	26.816	0.42	362.188	6.06	00	40692.2571	30	40696.7693
	27	4144808.636	1946.7576	26.840	0.42	362.503	6.07	00	40701.2833	30	40705.7993
	28	4146657.674	1947.9236	26.864	0.42	362.818	6.08	00	40710.3171	30	40714.8368
	29	4148506.716	1949.0902	26.889	0.42	363.133	6.09	00	40719.3583	30	40723.8817
37	30	4150355.764	1950.2572	26.913	0.42	363.449	6.10	00	40728.4070	30	40732.9342
	31	4152204.817	1951.4247	26.938	0.42	363.765	6.11	00	40737.4632	30	40741.9941
	32	4154053.876	1952.5928	26.962	0.42	364.082	6.12	00	40746.5269	30	40751.0615
	33	4155902.939	1953.7613	26.987	0.42	364.399	6.13	00	40755.5980	30	40760.1364
	34	4157752.008	1954.9304	27.011	0.42	364.717	6.14	00	40764.6767	30	40769.2189
37	35	4159601.082	1956.1000	27.036	0.42	365.035	6.15	00	40773.7629	30	40778.3088
	36	4161450.162	1957.2702	27.061	0.42	365.353	6.16	00	40782.8566	30	40787.4062
	37	4163299.246	1958.4408	27.085	0.43	365.672	6.17	00	40791.9578	30	40796.5112
	38	4165148.336	1959.6120	27.110	0.43	365.991	6.18	00	40801.0665	30	40805.6237
	39	4166997.431	1960.7836	27.135	0.43	366.311	6.19	00	40810.1828	30	40814.7437
37	40	4168846.532	1961.9558	27.159	0.43	366.631	6.20	00	40819.3066	30	40823.8713
	41	4170695.637	1963.1285	27.184	0.43	366.951	6.21	00	40828.4379	30	40833.0065
	42	4172544.748	1964.3018	27.209	0.43	367.272	6.22	00	40837.5769	30	40842.1491
	43	4174393.864	1965.4755	27.234	0.43	367.594	6.23	00	40846.7233	30	40851.2994
	44	4176242.985	1966.6498	27.258	0.43	367.916	6.24	00	40855.8774	30	40860.4572
37	45	4178092.112	1967.8246	27.283	0.43	368.238	6.25	00	40865.0390	30	40869.6226
	46	4179941.243	1968.9999	27.308	0.43	368.560	6.26	00	40874.2082	30	40878.7956
	47	4181790.380	1970.1758	27.333	0.43	368.883	6.27	00	40883.3850	30	40887.9762
	48	4183639.523	1971.3521	27.358	0.43	369.207	6.28	00	40892.5693	30	40897.1644
	49	4185488.670	1972.5290	27.383	0.43	369.531	6.29	00	40901.7613	30	40906.3601
37	50	4187337.823	1973.7065	27.408	0.43	369.855	6.30	00	40910.9609	30	40915.5635
	51	4189186.981	1974.8844	27.433	0.43	370.180	6.30	00	40920.1681	30	40924.7745
	52	4191036.144	1976.0629	27.458	0.43	370.505	6.31	00	40929.3829	30	40933.9932
	53	4192885.312	1977.2419	27.483	0.43	370.831	6.32	00	40938.6053	30	40943.2194
	54	4194734.486	1978.4214	27.508	0.44	371.157	6.33	00	40947.8354	30	40952.4533
37	55	4196583.665	1979.6014	27.533	0.44	371.483	6.34	00	40957.0732	30	40961.6949
	56	4198432.849	1980.7820	27.558	0.44	371.810	6.35	00	40966.3185	30	40970.9441
	57	4200282.039	1981.9631	27.584	0.44	372.138	6.36	00	40975.5715	30	40980.2009
	58	4202131.233	1983.1448	27.609	0.44	372.466	6.37	00	40984.8322	30	40989.4654
	59	4203980.433	1984.3269	27.634	0.44	372.794	6.38	00	40994.1006	30	40998.7376
38	00	4205829.638	1985.5096	27.659	0.44	373.123	6.39	00	41003.3766	30	41008.0175

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
38	0	4205829.638	1985.5096	27.659	0.44	373.123	6.39	00	41003.3766	30	41008.0175
	1	4207678.849	1986.6929	27.685	0.44	373.452	6.40	00	41012.6603	30	41017.3051
	2	4209528.065	1987.8766	27.710	0.44	373.781	6.41	00	41021.9517	30	41026.6003
	3	4211377.286	1989.0609	27.735	0.44	374.111	6.42	00	41031.2508	30	41035.9033
	4	4213226.512	1990.2457	27.761	0.44	374.442	6.44	00	41040.5576	30	41045.2139
38	5	4215075.743	1991.4311	27.786	0.44	374.773	6.45	00	41049.8721	30	41054.5323
	6	4216924.980	1992.6170	27.811	0.44	375.104	6.46	00	41059.1943	30	41063.8583
	7	4218774.222	1993.8034	27.837	0.44	375.436	6.47	00	41068.5243	30	41073.1922
	8	4220623.469	1994.9904	27.862	0.44	375.768	6.48	00	41077.8620	30	41082.5337
	9	4222472.722	1996.1779	27.888	0.44	376.101	6.49	00	41087.2074	30	41091.8830
38	10	4224321.980	1997.3659	27.913	0.44	376.434	6.50	00	41096.5605	30	41101.2400
	11	4226171.243	1998.5545	27.939	0.45	376.767	6.51	00	41105.9214	30	41110.6048
	12	4228020.511	1999.7436	27.964	0.45	377.101	6.52	00	41115.2901	30	41119.9773
	13	4229869.785	2000.9332	27.990	0.45	377.436	6.53	00	41124.6665	30	41129.3577
	14	4231719.064	2002.1234	28.016	0.45	377.771	6.54	00	41134.0507	30	41138.7457
38	15	4233568.348	2003.3141	28.041	0.45	378.106	6.55	00	41143.4427	30	41148.1416
	16	4235417.637	2004.5054	28.067	0.45	378.442	6.56	00	41152.8425	30	41157.5453
	17	4237266.932	2005.6972	28.093	0.45	378.778	6.57	00	41162.2500	30	41166.9567
	18	4239116.232	2006.8895	28.119	0.45	379.115	6.58	00	41171.6654	30	41176.3760
	19	4240965.537	2008.0824	28.144	0.45	379.452	6.59	00	41181.0885	30	41185.8030
38	20	4242814.847	2009.2758	28.170	0.45	379.790	6.60	00	41190.5195	30	41195.2379
	21	4244664.163	2010.4698	28.196	0.45	380.128	6.61	00	41199.9583	30	41204.6806
	22	4246513.484	2011.6643	28.222	0.45	380.466	6.62	00	41209.4049	30	41214.1312
	23	4248362.810	2012.8594	28.248	0.45	380.805	6.63	00	41218.8594	30	41223.5895
	24	4250212.142	2014.0550	28.274	0.45	381.145	6.64	00	41228.3217	30	41233.0558
38	25	4252061.479	2015.2511	28.300	0.45	381.484	6.65	00	41237.7918	30	41242.5298
	26	4253910.821	2016.4478	28.326	0.45	381.825	6.66	00	41247.2698	30	41252.0118
	27	4255760.168	2017.6450	28.352	0.46	382.165	6.67	00	41256.7557	30	41261.5016
	28	4257609.521	2018.8428	28.378	0.46	382.507	6.68	00	41266.2494	30	41270.9992
	29	4259458.878	2020.0412	28.404	0.46	382.848	6.69	00	41275.7510	30	41280.5048
38	30	4261308.242	2021.2400	28.430	0.46	383.191	6.71	00	41285.2605	30	41290.0182
	31	4263157.610	2022.4395	28.456	0.46	383.533	6.72	00	41294.7779	30	41299.5395
	32	4265006.984	2023.6394	28.482	0.46	383.876	6.73	00	41304.3032	30	41309.0688
	33	4266856.363	2024.8400	28.508	0.46	384.220	6.74	00	41313.8363	30	41318.6059
	34	4268705.747	2026.0410	28.534	0.46	384.564	6.75	00	41323.3774	30	41328.1510
38	35	4270555.137	2027.2427	28.561	0.46	384.908	6.76	00	41332.9264	30	41337.7039
	36	4272404.532	2028.4448	28.587	0.46	385.253	6.77	00	41342.4834	30	41347.2648
	37	4274253.932	2029.6476	28.613	0.46	385.599	6.78	00	41352.0483	30	41356.8337
	38	4276103.337	2030.8508	28.639	0.46	385.944	6.79	00	41361.6211	30	41366.4105
	39	4277952.748	2032.0547	28.666	0.46	386.291	6.80	00	41371.2018	30	41375.9952
38	40	4279802.164	2033.2591	28.692	0.46	386.638	6.81	00	41380.7906	30	41385.5879
	41	4281651.585	2034.4640	28.719	0.46	386.985	6.82	00	41390.3872	30	41395.1886
	42	4283501.012	2035.6695	28.745	0.47	387.333	6.83	00	41399.9919	30	41404.7972
	43	4285350.444	2036.8755	28.771	0.47	387.681	6.85	00	41409.6045	30	41414.4138
	44	4287199.881	2038.0821	28.798	0.47	388.029	6.86	00	41419.2251	30	41424.0384
38	45	4289049.323	2039.2893	28.824	0.47	388.378	6.87	00	41428.8537	30	41433.6710
	46	4290898.771	2040.4970	28.851	0.47	388.728	6.88	00	41438.4903	30	41443.3116
	47	4292748.224	2041.7053	28.878	0.47	389.078	6.89	00	41448.1349	30	41452.9602
	48	4294597.682	2042.9141	28.904	0.47	389.429	6.90	00	41457.7875	30	41462.6168
	49	4296447.146	2044.1235	28.931	0.47	389.780	6.91	00	41467.4482	30	41472.2815
38	50	4298296.614	2045.3335	28.958	0.47	390.131	6.92	00	41477.1168	30	41481.9542
	51	4300146.089	2046.5440	28.984	0.47	390.483	6.93	00	41486.7935	30	41491.6349
	52	4301995.568	2047.7551	29.011	0.47	390.836	6.94	00	41496.4783	30	41501.3236
	53	4303845.053	2048.9667	29.038	0.47	391.189	6.96	00	41506.1710	30	41511.0205
	54	4305694.543	2050.1789	29.064	0.47	391.542	6.97	00	41515.8719	30	41520.7253
38	55	4307544.038	2051.3917	29.091	0.47	391.896	6.98	00	41525.5808	30	41530.4383
	56	4309393.539	2052.6050	29.118	0.47	392.250	6.99	00	41535.2978	30	41540.1593
	57	4311243.045	2053.8189	29.145	0.48	392.605	7.00	00	41545.0228	30	41549.8884
	58	4313092.556	2055.0333	29.172	0.48	392.960	7.01	00	41554.7560	30	41559.6256
	59	4314942.072	2056.2484	29.199	0.48	393.316	7.02	00	41564.4972	30	41569.3709
39	00	4316791.594	2057.4639	29.226	0.48	393.672	7.03	00	41574.2465	30	41579.1243

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
39	0	4316791.594	2057.4639	29.226	0.48	393.672	7.03	00	41574.2465	30	41579.1243
	1	4318641.121	2058.6801	29.253	0.48	394.029	7.05	00	41584.0040	30	41588.8858
	2	4320490.654	2059.8968	29.280	0.48	394.386	7.06	00	41593.7695	30	41598.6554
	3	4322340.192	2061.1141	29.307	0.48	394.744	7.07	00	41603.5432	30	41608.4331
	4	4324189.735	2062.3319	29.334	0.48	395.102	7.08	00	41613.3250	30	41618.2190
39	5	4326039.283	2063.5504	29.361	0.48	395.461	7.09	00	41623.1150	30	41628.0130
	6	4327888.836	2064.7694	29.388	0.48	395.820	7.10	00	41632.9131	30	41637.8152
	7	4329738.395	2065.9889	29.415	0.48	396.180	7.11	00	41642.7193	30	41647.6255
	8	4331587.960	2067.2090	29.443	0.48	396.540	7.13	00	41652.5337	30	41657.4440
	9	4333437.529	2068.4297	29.470	0.48	396.901	7.14	00	41662.3563	30	41667.2707
39	10	4335287.104	2069.6510	29.497	0.48	397.262	7.15	00	41672.1871	30	41677.1055
	11	4337136.684	2070.8729	29.524	0.48	397.623	7.16	00	41682.0260	30	41686.9485
	12	4338986.269	2072.0953	29.552	0.49	397.985	7.17	00	41691.8731	30	41696.7997
	13	4340835.860	2073.3183	29.579	0.49	398.348	7.18	00	41701.7284	30	41706.6592
	14	4342685.456	2074.5418	29.606	0.49	398.711	7.19	00	41711.5919	30	41716.5268
39	15	4344535.058	2075.7660	29.634	0.49	399.075	7.21	00	41721.4637	30	41726.4026
	16	4346384.664	2076.9907	29.661	0.49	399.439	7.22	00	41731.3436	30	41736.2867
	17	4348234.276	2078.2160	29.689	0.49	399.803	7.23	00	41741.2318	30	41746.1790
	18	4350083.894	2079.4419	29.716	0.49	400.168	7.24	00	41751.1282	30	41756.0795
	19	4351933.516	2080.6683	29.744	0.49	400.534	7.25	00	41761.0329	30	41765.9883
39	20	4353783.144	2081.8953	29.771	0.49	400.900	7.26	00	41770.9458	30	41775.9054
	21	4355632.777	2083.1229	29.799	0.49	401.267	7.28	00	41780.8670	30	41785.8307
	22	4357482.416	2084.3511	29.827	0.49	401.634	7.29	00	41790.7964	30	41795.7642
	23	4359332.060	2085.5799	29.854	0.49	402.001	7.30	00	41800.7341	30	41805.7061
	24	4361181.709	2086.8092	29.882	0.49	402.369	7.31	00	41810.6801	30	41815.6562
39	25	4363031.363	2088.0391	29.910	0.49	402.738	7.32	00	41820.6344	30	41825.6146
	26	4364881.023	2089.2696	29.938	0.50	403.107	7.34	00	41830.5969	30	41835.5813
	27	4366730.688	2090.5007	29.965	0.50	403.477	7.35	00	41840.5678	30	41845.5564
	28	4368580.359	2091.7324	29.993	0.50	403.847	7.36	00	41850.5470	30	41855.5397
	29	4370430.034	2092.9647	30.021	0.50	404.217	7.37	00	41860.5345	30	41865.5314
39	30	4372279.715	2094.1975	30.049	0.50	404.588	7.38	00	41870.5303	30	41875.5314
	31	4374129.402	2095.4309	30.077	0.50	404.960	7.40	00	41880.5345	30	41885.5397
	32	4375979.094	2096.6649	30.105	0.50	405.332	7.41	00	41890.5470	30	41895.5564
	33	4377828.791	2097.8995	30.133	0.50	405.705	7.42	00	41900.5679	30	41905.5814
	34	4379678.493	2099.1347	30.161	0.50	406.078	7.43	00	41910.5971	30	41915.6148
39	35	4381528.201	2100.3705	30.189	0.50	406.451	7.44	00	41920.6346	30	41925.6566
	36	4383377.914	2101.6068	30.217	0.50	406.825	7.46	00	41930.6806	30	41935.7067
	37	4385227.632	2102.8438	30.245	0.50	407.200	7.47	00	41940.7349	30	41945.7652
	38	4387077.355	2104.0813	30.273	0.50	407.575	7.48	00	41950.7976	30	41955.8321
	39	4388927.084	2105.3194	30.301	0.50	407.951	7.49	00	41960.8688	30	41965.9075
39	40	4390776.819	2106.5581	30.329	0.51	408.327	7.50	00	41970.9483	30	41975.9912
	41	4392626.558	2107.7974	30.358	0.51	408.704	7.52	00	41981.0362	30	41986.0833
	42	4394476.303	2109.0373	30.386	0.51	409.081	7.53	00	41991.1326	30	41996.1839
	43	4396326.053	2110.2778	30.414	0.51	409.459	7.54	00	42001.2373	30	42006.2929
	44	4398175.809	2111.5189	30.443	0.51	409.837	7.55	00	42011.3505	30	42016.4103
39	45	4400025.570	2112.7606	30.471	0.51	410.216	7.57	00	42021.4722	30	42026.5362
	46	4401875.336	2114.0029	30.499	0.51	410.595	7.58	00	42031.6023	30	42036.6705
	47	4403725.108	2115.2457	30.528	0.51	410.975	7.59	00	42041.7409	30	42046.8133
	48	4405574.884	2116.4892	30.556	0.51	411.355	7.60	00	42051.8879	30	42056.9646
	49	4407424.667	2117.7333	30.585	0.51	411.736	7.62	00	42062.0434	30	42067.1243
39	50	4409274.454	2118.9779	30.613	0.51	412.117	7.63	00	42072.2074	30	42077.2926
	51	4411124.247	2120.2232	30.642	0.51	412.499	7.64	00	42082.3799	30	42087.4693
	52	4412974.045	2121.4690	30.670	0.51	412.882	7.65	00	42092.5608	30	42097.6545
	53	4414823.849	2122.7155	30.699	0.51	413.265	7.67	00	42102.7503	30	42107.8483
	54	4416673.658	2123.9625	30.728	0.52	413.648	7.68	00	42112.9483	30	42118.0505
39	55	4418523.472	2125.2102	30.756	0.52	414.032	7.69	00	42123.1548	30	42128.2613
	56	4420373.291	2126.4584	30.785	0.52	414.417	7.70	00	42133.3699	30	42138.4806
	57	4422223.116	2127.7073	30.814	0.52	414.802	7.72	00	42143.5935	30	42148.7085
	58	4424072.946	2128.9567	30.843	0.52	415.187	7.73	00	42153.8256	30	42158.9449
	59	4425922.782	2130.2068	30.871	0.52	415.573	7.74	00	42164.0663	30	42169.1898
40	00	4427772.623	2131.4574	30.900	0.52	415.960	7.75	00	42174.3155	30	42179.4434

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
40	0	4427772.623	2131.4574	30.900	0.52	415.960	7.75	00	42174.3155	30	42179.4434
	1	4429622.469	2132.7087	30.929	0.52	416.347	7.77	00	42184.5734	30	42189.7055
	2	4431472.321	2133.9606	30.958	0.52	416.735	7.78	00	42194.8398	30	42199.9762
	3	4433322.177	2135.2131	30.987	0.52	417.123	7.79	00	42205.1147	30	42210.2554
	4	4435172.040	2136.4661	31.016	0.52	417.512	7.81	00	42215.3983	30	42220.5433
40	5	4437021.907	2137.7198	31.045	0.52	417.901	7.82	00	42225.6905	30	42230.8398
	6	4438871.780	2138.9741	31.074	0.52	418.291	7.83	00	42235.9913	30	42241.1449
	7	4440721.658	2140.2290	31.103	0.53	418.681	7.84	00	42246.3007	30	42251.4586
	8	4442571.542	2141.4845	31.132	0.53	419.072	7.86	00	42256.6187	30	42261.7810
	9	4444421.431	2142.7407	31.161	0.53	419.464	7.87	00	42266.9454	30	42272.1119
40	10	4446271.325	2143.9974	31.191	0.53	419.856	7.88	00	42277.2807	30	42282.4516
	11	4448121.225	2145.2547	31.220	0.53	420.248	7.90	00	42287.6246	30	42292.7999
	12	4449971.130	2146.5127	31.249	0.53	420.641	7.91	00	42297.9773	30	42303.1568
	13	4451821.040	2147.7713	31.278	0.53	421.035	7.92	00	42308.3385	30	42313.5224
	14	4453670.956	2149.0304	31.308	0.53	421.429	7.94	00	42318.7085	30	42323.8967
40	15	4455520.876	2150.2902	31.337	0.53	421.824	7.95	00	42329.0871	30	42334.2797
	16	4457370.803	2151.5506	31.366	0.53	422.219	7.96	00	42339.4745	30	42344.6714
	17	4459220.734	2152.8117	31.396	0.53	422.615	7.97	00	42349.8705	30	42355.0718
	18	4461070.671	2154.0733	31.425	0.53	423.011	7.99	00	42360.2753	30	42365.4809
	19	4462920.614	2155.3355	31.455	0.53	423.408	8.00	00	42370.6887	30	42375.8987
40	20	4464770.562	2156.5984	31.484	0.54	423.806	8.01	00	42381.1109	30	42386.3253
	21	4466620.515	2157.8619	31.514	0.54	424.204	8.03	00	42391.5418	30	42396.7605
	22	4468470.473	2159.1260	31.543	0.54	424.602	8.04	00	42401.9815	30	42407.2046
	23	4470320.437	2160.3907	31.573	0.54	425.001	8.05	00	42412.4299	30	42417.6574
	24	4472170.406	2161.6561	31.603	0.54	425.401	8.07	00	42422.8870	30	42428.1189
40	25	4474020.380	2162.9220	31.632	0.54	425.801	8.08	00	42433.3530	30	42438.5892
	26	4475870.360	2164.1886	31.662	0.54	426.202	8.09	00	42443.8277	30	42449.0683
	27	4477720.345	2165.4558	31.692	0.54	426.603	8.11	00	42454.3112	30	42459.5562
	28	4479570.336	2166.7237	31.722	0.54	427.005	8.12	00	42464.8034	30	42470.0529
	29	4481420.331	2167.9921	31.752	0.54	427.407	8.13	00	42475.3045	30	42480.5583
40	30	4483270.333	2169.2612	31.781	0.54	427.810	8.15	00	42485.8144	30	42491.0726
	31	4485120.339	2170.5309	31.811	0.54	428.214	8.16	00	42496.3331	30	42501.5957
	32	4486970.351	2171.8012	31.841	0.55	428.618	8.18	00	42506.8606	30	42512.1277
	33	4488820.368	2173.0722	31.871	0.55	429.023	8.19	00	42517.3969	30	42522.6684
	34	4490670.391	2174.3438	31.901	0.55	429.428	8.20	00	42527.9421	30	42533.2181
40	35	4492520.419	2175.6160	31.931	0.55	429.834	8.22	00	42538.4962	30	42543.7765
	36	4494370.452	2176.8888	31.961	0.55	430.240	8.23	00	42549.0591	30	42554.3439
	37	4496220.491	2178.1623	31.991	0.55	430.647	8.24	00	42559.6308	30	42564.9201
	38	4498070.535	2179.4363	32.022	0.55	431.054	8.26	00	42570.2115	30	42575.5051
	39	4499920.584	2180.7111	32.052	0.55	431.462	8.27	00	42580.8010	30	42586.0991
40	40	4501770.639	2181.9864	32.082	0.55	431.871	8.28	00	42591.3994	30	42596.7020
	41	4503620.699	2183.2624	32.112	0.55	432.280	8.30	00	42602.0067	30	42607.3137
	42	4505470.765	2184.5390	32.143	0.55	432.690	8.31	00	42612.6230	30	42617.9344
	43	4507320.835	2185.8162	32.173	0.55	433.100	8.33	00	42623.2481	30	42628.5640
	44	4509170.912	2187.0941	32.203	0.55	433.511	8.34	00	42633.8822	30	42639.2025
40	45	4511020.993	2188.3726	32.234	0.56	433.923	8.35	00	42644.5252	30	42649.8500
	46	4512871.080	2189.6518	32.264	0.56	434.335	8.37	00	42655.1771	30	42660.5064
	47	4514721.172	2190.9316	32.294	0.56	434.747	8.38	00	42665.8380	30	42671.1718
	48	4516571.270	2192.2120	32.325	0.56	435.161	8.40	00	42676.5078	30	42681.8461
	49	4518421.373	2193.4930	32.356	0.56	435.574	8.41	00	42687.1867	30	42692.5294
40	50	4520271.481	2194.7747	32.386	0.56	435.989	8.42	00	42697.8744	30	42703.2217
	51	4522121.595	2196.0571	32.417	0.56	436.404	8.44	00	42708.5712	30	42713.9230
	52	4523971.714	2197.3400	32.447	0.56	436.819	8.45	00	42719.2770	30	42724.6333
	53	4525821.838	2198.6236	32.478	0.56	437.235	8.47	00	42729.9918	30	42735.3525
	54	4527671.968	2199.9079	32.509	0.56	437.652	8.48	00	42740.7156	30	42746.0808
40	55	4529522.103	2201.1928	32.539	0.56	438.069	8.49	00	42751.4484	30	42756.8182
	56	4531372.244	2202.4783	32.570	0.56	438.487	8.51	00	42762.1902	30	42767.5645
	57	4533222.390	2203.7645	32.601	0.57	438.905	8.52	00	42772.9411	30	42778.3199
	58	4535072.541	2205.0513	32.632	0.57	439.324	8.54	00	42783.7010	30	42789.0843
	59	4536922.698	2206.3388	32.663	0.57	439.744	8.55	00	42794.4700	30	42799.8578
41	00	4538772.860	2207.6269	32.694	0.57	440.164	8.57	00	42805.2480	30	42810.6404

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
41	0	4538772.860	2207.6269	32.694	0.57	440.164	8.57	00	42805.2480	30	42810.6404
	1	4540623.027	2208.9156	32.725	0.57	440.585	8.58	00	42816.0351	30	42821.4321
	2	4542473.200	2210.2050	32.756	0.57	441.006	8.60	00	42826.8313	30	42832.2328
	3	4544323.378	2211.4951	32.787	0.57	441.428	8.61	00	42837.6366	30	42843.0426
	4	4546173.561	2212.7858	32.818	0.57	441.850	8.62	00	42848.4509	30	42853.8615
41	5	4548023.750	2214.0771	32.849	0.57	442.274	8.64	00	42859.2744	30	42864.6896
	6	4549873.944	2215.3691	32.880	0.57	442.697	8.65	00	42870.1070	30	42875.5267
	7	4551724.144	2216.6617	32.911	0.57	443.122	8.67	00	42880.9487	30	42886.3730
	8	4553574.349	2217.9550	32.943	0.57	443.546	8.68	00	42891.7996	30	42897.2284
	9	4555424.559	2219.2489	32.974	0.58	443.972	8.70	00	42902.6596	30	42908.0930
41	10	4557274.775	2220.5435	33.005	0.58	444.398	8.71	00	42913.5287	30	42918.9667
	11	4559124.996	2221.8388	33.036	0.58	444.825	8.73	00	42924.4070	30	42929.8496
	12	4560975.222	2223.1347	33.068	0.58	445.252	8.74	00	42935.2945	30	42940.7417
	13	4562825.454	2224.4312	33.099	0.58	445.680	8.76	00	42946.1911	30	42951.6429
	14	4564675.691	2225.7284	33.131	0.58	446.108	8.77	00	42957.0970	30	42962.5533
41	15	4566525.934	2227.0263	33.162	0.58	446.537	8.79	00	42968.0120	30	42973.4730
	16	4568376.182	2228.3248	33.194	0.58	446.967	8.80	00	42978.9362	30	42984.4018
	17	4570226.435	2229.6240	33.225	0.58	447.397	8.82	00	42989.8697	30	42995.3399
	18	4572076.694	2230.9238	33.257	0.58	447.828	8.83	00	43000.8123	30	43006.2871
	19	4573926.958	2232.2243	33.289	0.58	448.260	8.84	00	43011.7642	30	43017.2437
41	20	4575777.227	2233.5254	33.320	0.59	448.692	8.86	00	43022.7254	30	43028.2094
	21	4577627.502	2234.8272	33.352	0.59	449.125	8.87	00	43033.6958	30	43039.1844
	22	4579477.782	2236.1297	33.384	0.59	449.558	8.89	00	43044.6754	30	43050.1687
	23	4581328.068	2237.4328	33.415	0.59	449.992	8.90	00	43055.6643	30	43061.1623
	24	4583178.358	2238.7366	33.447	0.59	450.426	8.92	00	43066.6625	30	43072.1651
41	25	4585028.655	2240.0411	33.479	0.59	450.862	8.94	00	43077.6700	30	43083.1772
	26	4586878.956	2241.3462	33.511	0.59	451.297	8.95	00	43088.6867	30	43094.1986
	27	4588729.264	2242.6520	33.543	0.59	451.734	8.97	00	43099.7128	30	43105.2293
	28	4590579.576	2243.9584	33.575	0.59	452.171	8.98	00	43110.7482	30	43116.2694
	29	4592429.894	2245.2655	33.607	0.59	452.608	9.00	00	43121.7929	30	43127.3187
41	30	4594280.217	2246.5733	33.639	0.59	453.047	9.01	00	43132.8469	30	43138.3774
	31	4596130.546	2247.8817	33.671	0.60	453.485	9.03	00	43143.9103	30	43149.4455
	32	4597980.880	2249.1908	33.703	0.60	453.925	9.04	00	43154.9830	30	43160.5229
	33	4599831.219	2250.5006	33.735	0.60	454.365	9.06	00	43166.0651	30	43171.6096
	34	4601681.564	2251.8111	33.768	0.60	454.806	9.07	00	43177.1565	30	43182.7057
41	35	4603531.914	2253.1222	33.800	0.60	455.247	9.09	00	43188.2573	30	43193.8112
	36	4605382.269	2254.4340	33.832	0.60	455.689	9.10	00	43199.3675	30	43204.9261
	37	4607232.630	2255.7464	33.864	0.60	456.132	9.12	00	43210.4871	30	43216.0504
	38	4609082.996	2257.0596	33.897	0.60	456.575	9.13	00	43221.6161	30	43227.1841
	39	4610933.368	2258.3734	33.929	0.60	457.019	9.15	00	43232.7545	30	43238.3272
41	40	4612783.745	2259.6879	33.962	0.60	457.463	9.17	00	43243.9023	30	43249.4798
	41	4614634.127	2261.0030	33.994	0.60	457.908	9.18	00	43255.0596	30	43260.6418
	42	4616484.515	2262.3188	34.027	0.60	458.354	9.20	00	43266.2263	30	43271.8132
	43	4618334.908	2263.6353	34.059	0.61	458.800	9.21	00	43277.4024	30	43282.9940
	44	4620185.307	2264.9525	34.092	0.61	459.247	9.23	00	43288.5880	30	43294.1844
41	45	4622035.711	2266.2704	34.124	0.61	459.695	9.24	00	43299.7831	30	43305.3842
	46	4623886.120	2267.5889	34.157	0.61	460.143	9.26	00	43310.9876	30	43316.5935
	47	4625736.535	2268.9081	34.190	0.61	460.592	9.28	00	43322.2017	30	43327.8123
	48	4627586.955	2270.2280	34.223	0.61	461.042	9.29	00	43333.4252	30	43339.0405
	49	4629437.381	2271.5486	34.255	0.61	461.492	9.31	00	43344.6582	30	43350.2783
41	50	4631287.811	2272.8699	34.288	0.61	461.942	9.32	00	43355.9008	30	43361.5256
	51	4633138.248	2274.1918	34.321	0.61	462.394	9.34	00	43367.1529	30	43372.7825
	52	4634988.689	2275.5144	34.354	0.61	462.846	9.36	00	43378.4145	30	43384.0488
	53	4636839.136	2276.8377	34.387	0.62	463.299	9.37	00	43389.6856	30	43395.3248
	54	4638689.589	2278.1617	34.420	0.62	463.752	9.39	00	43400.9663	30	43406.6102
41	55	4640540.047	2279.4864	34.453	0.62	464.206	9.40	00	43412.2566	30	43417.9053
	56	4642390.510	2280.8117	34.486	0.62	464.661	9.42	00	43423.5564	30	43429.2099
	57	4644240.978	2282.1378	34.519	0.62	465.116	9.44	00	43434.8658	30	43440.5241
	58	4646091.452	2283.4645	34.552	0.62	465.572	9.45	00	43446.1848	30	43451.8479
	59	4647941.932	2284.7919	34.586	0.62	466.029	9.47	00	43457.5134	30	43463.1813
42	00	4649792.417	2286.1201	34.619	0.62	466.486	9.48	00	43468.8516	30	43474.5243

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
42	0	4649792.417	2286.1201	34.619	0.62	466.486	9.48	00	43468.8516	30	43474.5243
	1	4651642.907	2287.4489	34.652	0.62	466.944	9.50	00	43480.1994	30	43485.8769
	2	4653493.402	2288.7783	34.685	0.62	467.402	9.52	00	43491.5568	30	43497.2392
	3	4655343.903	2290.1085	34.719	0.62	467.862	9.53	00	43502.9239	30	43508.6111
	4	4657194.410	2291.4394	34.752	0.63	468.321	9.55	00	43514.3006	30	43519.9926
42	5	4659044.921	2292.7710	34.786	0.63	468.782	9.57	00	43525.6870	30	43531.3838
	6	4660895.439	2294.1032	34.819	0.63	469.243	9.58	00	43537.0831	30	43542.7847
	7	4662745.961	2295.4362	34.853	0.63	469.705	9.60	00	43548.4888	30	43554.1953
	8	4664596.489	2296.7698	34.886	0.63	470.167	9.62	00	43559.9042	30	43565.6155
	9	4666447.022	2298.1042	34.920	0.63	470.631	9.63	00	43571.3293	30	43577.0455
42	10	4668297.561	2299.4392	34.953	0.63	471.094	9.65	00	43582.7641	30	43588.4852
	11	4670148.105	2300.7750	34.987	0.63	471.559	9.67	00	43594.2086	30	43599.9345
	12	4671998.655	2302.1114	35.021	0.63	472.024	9.68	00	43605.6629	30	43611.3936
	13	4673849.210	2303.4485	35.055	0.63	472.490	9.70	00	43617.1268	30	43622.8625
	14	4675699.770	2304.7864	35.088	0.64	472.956	9.72	00	43628.6006	30	43634.3411
42	15	4677550.336	2306.1249	35.122	0.64	473.423	9.73	00	43640.0840	30	43645.8294
	16	4679400.907	2307.4641	35.156	0.64	473.891	9.75	00	43651.5772	30	43657.3275
	17	4681251.483	2308.8041	35.190	0.64	474.360	9.77	00	43663.0802	30	43668.8354
	18	4683102.065	2310.1447	35.224	0.64	474.829	9.78	00	43674.5930	30	43680.3531
	19	4684952.652	2311.4861	35.258	0.64	475.299	9.80	00	43686.1156	30	43691.8805
42	20	4686803.245	2312.8281	35.292	0.64	475.769	9.82	00	43697.6480	30	43703.4178
	21	4688653.843	2314.1709	35.326	0.64	476.240	9.83	00	43709.1901	30	43714.9649
	22	4690504.447	2315.5143	35.360	0.64	476.712	9.85	00	43720.7421	30	43726.5218
	23	4692355.055	2316.8585	35.395	0.64	477.184	9.87	00	43732.3040	30	43738.0886
	24	4694205.670	2318.2034	35.429	0.64	477.658	9.88	00	43743.8756	30	43749.6652
42	25	4696056.289	2319.5490	35.463	0.65	478.132	9.90	00	43755.4571	30	43761.2516
	26	4697906.915	2320.8953	35.497	0.65	478.606	9.92	00	43767.0485	30	43772.8479
	27	4699757.545	2322.2423	35.532	0.65	479.081	9.94	00	43778.6498	30	43784.4541
	28	4701608.181	2323.5900	35.566	0.65	479.557	9.95	00	43790.2609	30	43796.0701
	29	4703458.822	2324.9384	35.600	0.65	480.034	9.97	00	43801.8819	30	43807.6961
42	30	4705309.469	2326.2875	35.635	0.65	480.511	9.99	00	43813.5128	30	43819.3320
	31	4707160.121	2327.6374	35.669	0.65	480.989	10.01	00	43825.1536	30	43830.9777
	32	4709010.778	2328.9880	35.704	0.65	481.468	10.02	00	43836.8044	30	43842.6334
	33	4710861.441	2330.3392	35.739	0.65	481.947	10.04	00	43848.4650	30	43854.2991
	34	4712712.110	2331.6912	35.773	0.65	482.427	10.06	00	43860.1356	30	43865.9746
42	35	4714562.783	2333.0439	35.808	0.66	482.908	10.08	00	43871.8162	30	43877.6602
	36	4716413.462	2334.3974	35.843	0.66	483.389	10.09	00	43883.5067	30	43889.3557
	37	4718264.147	2335.7515	35.878	0.66	483.871	10.11	00	43895.2071	30	43901.0611
	38	4720114.837	2337.1064	35.912	0.66	484.354	10.13	00	43906.9176	30	43912.7766
	39	4721965.532	2338.4620	35.947	0.66	484.838	10.15	00	43918.6380	30	43924.5020
42	40	4723816.233	2339.8183	35.982	0.66	485.322	10.16	00	43930.3685	30	43936.2374
	41	4725666.939	2341.1753	36.017	0.66	485.807	10.18	00	43942.1089	30	43947.9829
	42	4727517.651	2342.5331	36.052	0.66	486.292	10.20	00	43953.8594	30	43959.7384
	43	4729368.367	2343.8915	36.087	0.66	486.778	10.22	00	43965.6199	30	43971.5039
	44	4731219.090	2345.2507	36.122	0.67	487.265	10.23	00	43977.3904	30	43983.2794
42	45	4733069.818	2346.6107	36.157	0.67	487.753	10.25	00	43989.1710	30	43995.0650
	46	4734920.551	2347.9713	36.192	0.67	488.241	10.27	00	44000.9616	30	44006.8607
	47	4736771.289	2349.3327	36.228	0.67	488.731	10.29	00	44012.7623	30	44018.6665
	48	4738622.033	2350.6948	36.263	0.67	489.220	10.31	00	44024.5731	30	44030.4823
	49	4740472.783	2352.0576	36.298	0.67	489.711	10.32	00	44036.3940	30	44042.3082
42	50	4742323.537	2353.4212	36.334	0.67	490.202	10.34	00	44048.2249	30	44054.1442
	51	4744174.298	2354.7855	36.369	0.67	490.694	10.36	00	44060.0660	30	44065.9904
	52	4746025.063	2356.1505	36.404	0.67	491.187	10.38	00	44071.9172	30	44077.8466
	53	4747875.834	2357.5162	36.440	0.67	491.680	10.40	00	44083.7786	30	44089.7130
	54	4749726.611	2358.8827	36.475	0.68	492.174	10.41	00	44095.6500	30	44101.5896
42	55	4751577.392	2360.2495	36.511	0.68	492.669	10.43	00	44107.5316	30	44113.4763
	56	4753428.180	2361.6179	36.547	0.68	493.164	10.45	00	44119.4234	30	44125.3731
	57	4755278.972	2362.9865	36.582	0.68	493.661	10.47	00	44131.3254	30	44137.2802
	58	4757129.770	2364.3560	36.618	0.68	494.157	10.49	00	44143.2375	30	44149.1974
	59	4758980.574	2365.7261	36.654	0.68	494.655	10.51	00	44155.1598	30	44161.1248
43	00	4760831.383	2367.0970	36.689	0.68	495.153	10.52	00	44167.0924	30	44173.0624

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
43	0	4760831.383	2367.0970	36.689	0.68	495.153	10.52	00	44167.0924	30	44173.0624
	1	4762682.197	2368.4686	36.725	0.68	495.653	10.54	00	44179.0351	30	44185.0103
	2	4764533.017	2369.8410	36.761	0.68	496.152	10.56	00	44190.9880	30	44196.9684
	3	4766383.842	2371.2141	36.797	0.69	496.653	10.58	00	44202.9512	30	44208.9367
	4	4768234.672	2372.5880	36.833	0.69	497.154	10.60	00	44214.9247	30	44220.9152
43	5	4770085.508	2373.9625	36.869	0.69	497.656	10.62	00	44226.9084	30	44232.9040
	6	4771936.349	2375.3379	36.905	0.69	498.159	10.64	00	44238.9023	30	44244.9031
	7	4773787.196	2376.7139	36.941	0.69	498.662	10.65	00	44250.9065	30	44256.9125
	8	4775638.048	2378.0908	36.977	0.69	499.167	10.67	00	44262.9210	30	44268.9321
	9	4777488.906	2379.4683	37.014	0.69	499.671	10.69	00	44274.9458	30	44280.9621
43	10	4779339.769	2380.8466	37.050	0.69	500.177	10.71	00	44286.9809	30	44293.0024
	11	4781190.637	2382.2257	37.086	0.69	500.683	10.73	00	44299.0264	30	44305.0530
	12	4783041.511	2383.6055	37.122	0.69	501.191	10.75	00	44311.0821	30	44317.1139
	13	4784892.390	2384.9860	37.159	0.70	501.698	10.77	00	44323.1482	30	44329.1851
	14	4786743.275	2386.3673	37.195	0.70	502.207	10.79	00	44335.2246	30	44341.2667
43	15	4788594.165	2387.7494	37.232	0.70	502.716	10.81	00	44347.3114	30	44353.3587
	16	4790445.060	2389.1322	37.268	0.70	503.226	10.83	00	44359.4086	30	44365.4611
	17	4792295.961	2390.5157	37.305	0.70	503.737	10.84	00	44371.5161	30	44377.5738
	18	4794146.867	2391.9000	37.341	0.70	504.249	10.86	00	44383.6341	30	44389.6969
	19	4795997.779	2393.2851	37.378	0.70	504.761	10.88	00	44395.7624	30	44401.8305
43	20	4797848.696	2394.6709	37.415	0.70	505.274	10.90	00	44407.9011	30	44413.9744
	21	4799699.619	2396.0574	37.451	0.70	505.788	10.92	00	44420.0503	30	44426.1288
	22	4801550.547	2397.4447	37.488	0.71	506.303	10.94	00	44432.2099	30	44438.2936
	23	4803401.480	2398.8328	37.525	0.71	506.818	10.96	00	44444.3799	30	44450.4689
	24	4805252.419	2400.2216	37.562	0.71	507.334	10.98	00	44456.5604	30	44462.6546
43	25	4807103.363	2401.6112	37.599	0.71	507.851	11.00	00	44468.7514	30	44474.8508
	26	4808954.313	2403.0016	37.636	0.71	508.368	11.02	00	44480.9528	30	44487.0575
	27	4810805.268	2404.3927	37.673	0.71	508.887	11.04	00	44493.1647	30	44499.2746
	28	4812656.228	2405.7846	37.710	0.71	509.406	11.06	00	44505.3872	30	44511.5023
	29	4814507.194	2407.1772	37.747	0.71	509.926	11.08	00	44517.6201	30	44523.7405
43	30	4816358.165	2408.5706	37.784	0.71	510.446	11.10	00	44529.8635	30	44535.9892
	31	4818209.142	2409.9647	37.821	0.72	510.968	11.12	00	44542.1175	30	44548.2484
	32	4820060.124	2411.3597	37.859	0.72	511.490	11.14	00	44554.3820	30	44560.5182
	33	4821911.111	2412.7553	37.896	0.72	512.013	11.16	00	44566.6571	30	44572.7986
	34	4823762.104	2414.1518	37.933	0.72	512.536	11.18	00	44578.9427	30	44585.0895
43	35	4825613.103	2415.5490	37.971	0.72	513.061	11.20	00	44591.2389	30	44597.3909
	36	4827464.106	2416.9470	38.008	0.72	513.586	11.22	00	44603.5457	30	44609.7030
	37	4829315.116	2418.3458	38.046	0.72	514.112	11.24	00	44615.8630	30	44622.0257
	38	4831166.130	2419.7453	38.083	0.72	514.639	11.26	00	44628.1910	30	44634.3590
	39	4833017.150	2421.1456	38.121	0.73	515.166	11.28	00	44640.5296	30	44646.7029
43	40	4834868.176	2422.5467	38.158	0.73	515.694	11.30	00	44652.8788	30	44659.0574
	41	4836719.207	2423.9485	38.196	0.73	516.224	11.32	00	44665.2387	30	44671.4226
	42	4838570.243	2425.3511	38.234	0.73	516.753	11.34	00	44677.6092	30	44683.7984
	43	4840421.284	2426.7545	38.272	0.73	517.284	11.36	00	44689.9903	30	44696.1849
	44	4842272.332	2428.1587	38.309	0.73	517.815	11.38	00	44702.3822	30	44708.5821
43	45	4844123.384	2429.5636	38.347	0.73	518.348	11.40	00	44714.7847	30	44720.9900
	46	4845974.442	2430.9693	38.385	0.73	518.881	11.42	00	44727.1979	30	44733.4085
	47	4847825.505	2432.3758	38.423	0.73	519.414	11.44	00	44739.6218	30	44745.8378
	48	4849676.574	2433.7831	38.461	0.74	519.949	11.46	00	44752.0564	30	44758.2778
	49	4851527.648	2435.1911	38.499	0.74	520.484	11.48	00	44764.5018	30	44770.7285
43	50	4853378.728	2436.5999	38.538	0.74	521.020	11.50	00	44776.9579	30	44783.1900
	51	4855229.813	2438.0096	38.576	0.74	521.557	11.52	00	44789.4247	30	44795.6622
	52	4857080.904	2439.4199	38.614	0.74	522.095	11.54	00	44801.9023	30	44808.1452
	53	4858931.999	2440.8311	38.652	0.74	522.633	11.56	00	44814.3907	30	44820.6389
	54	4860783.101	2442.2431	38.691	0.74	523.173	11.58	00	44826.8898	30	44833.1435
43	55	4862634.208	2443.6558	38.729	0.74	523.713	11.60	00	44839.3998	30	44845.6588
	56	4864485.320	2445.0694	38.767	0.74	524.254	11.62	00	44851.9205	30	44858.1850
	57	4866336.437	2446.4837	38.806	0.75	524.795	11.64	00	44864.4521	30	44870.7219
	58	4868187.560	2447.8988	38.844	0.75	525.338	11.67	00	44876.9945	30	44883.2697
	59	4870038.689	2449.3147	38.883	0.75	525.881	11.69	00	44889.5477	30	44895.8284
44	00	4871889.822	2450.7314	38.921	0.75	526.425	11.71	00	44902.1118	30	44908.3979

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSC DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
44	0	4871889.822	2450.7314	38.921	C.75	526.425	11.71	00	44902.1118	30	44908.3979
	1	4873740.962	2452.1488	38.960	0.75	526.970	11.73	00	44914.6867	30	44920.9783
	2	4875592.106	2453.5671	38.999	0.75	527.516	11.75	00	44927.2725	30	44933.5695
	3	4877443.256	2454.9861	39.038	C.75	528.062	11.77	00	44939.8692	30	44946.1716
	4	4879294.412	2456.4060	39.076	C.75	528.609	11.79	00	44952.4768	30	44958.7847
44	5	4881145.573	2457.8266	39.115	C.76	529.157	11.81	00	44965.0953	30	44971.4086
	6	4882996.739	2459.2481	39.154	0.76	529.706	11.83	00	44977.7247	30	44984.0435
	7	4884847.911	2460.6703	39.193	C.76	530.256	11.86	00	44990.3650	30	44996.6893
	8	4886699.088	2462.0933	39.232	C.76	530.807	11.88	00	45003.0163	30	45009.3460
	9	4888550.271	2463.5172	39.271	C.76	531.358	11.90	00	45015.6785	30	45022.0138
44	10	4890401.459	2464.9418	39.310	C.76	531.910	11.92	00	45028.3517	30	45034.6924
	11	4892252.652	2466.3672	39.350	C.76	532.463	11.94	00	45041.0359	30	45047.3821
	12	4894103.851	2467.7934	39.389	0.76	533.017	11.96	00	45053.7310	30	45060.0827
	13	4895955.056	2469.2205	39.428	C.77	533.572	11.98	00	45066.4372	30	45072.7944
	14	4897806.265	2470.6483	39.467	C.77	534.127	12.01	00	45079.1543	30	45085.5170
44	15	4899657.481	2472.0769	39.507	C.77	534.683	12.03	00	45091.8825	30	45098.2507
	16	4901508.701	2473.5064	39.546	C.77	535.240	12.05	00	45104.6217	30	45110.9954
	17	4903359.927	2474.9366	39.586	0.77	535.798	12.07	00	45117.3719	30	45123.7512
	18	4905211.159	2476.3676	39.625	C.77	536.357	12.09	00	45130.1333	30	45136.5181
	19	4907062.396	2477.7995	39.665	C.77	536.917	12.11	00	45142.9056	30	45149.2960
44	20	4908913.638	2479.2322	39.704	C.77	537.477	12.14	00	45155.6891	30	45162.0849
	21	4910764.886	2480.6656	39.744	C.78	538.038	12.16	00	45168.4836	30	45174.8850
	22	4912616.139	2482.0999	39.784	C.78	538.600	12.18	00	45181.2892	30	45187.6962
	23	4914467.397	2483.5350	39.824	0.78	539.163	12.20	00	45194.1060	30	45200.5185
	24	4916318.661	2484.9709	39.863	C.78	539.727	12.22	00	45206.9339	30	45213.3520
44	25	4918169.931	2486.4076	39.903	C.78	540.292	12.25	00	45219.7729	30	45226.1966
	26	4920021.205	2487.8451	39.943	0.78	540.857	12.27	00	45232.6230	30	45239.0523
	27	4921872.486	2489.2835	39.983	C.78	541.424	12.29	00	45245.4843	30	45251.9192
	28	4923723.771	2490.7226	40.023	C.78	541.991	12.31	00	45258.3568	30	45264.7973
	29	4925575.062	2492.1626	40.063	C.79	542.559	12.34	00	45271.2405	30	45277.6865
44	30	4927426.359	2493.6034	40.104	C.79	543.127	12.36	00	45284.1354	30	45290.5870
	31	4929277.661	2495.0450	40.144	C.79	543.697	12.38	00	45297.0414	30	45303.4987
	32	4931128.968	2496.4874	40.184	C.79	544.268	12.40	00	45309.9587	30	45316.4216
	33	4932980.281	2497.9307	40.224	0.79	544.839	12.43	00	45322.8873	30	45329.3557
	34	4934831.599	2499.3747	40.265	C.79	545.411	12.45	00	45335.8270	30	45342.3011
44	35	4936682.923	2500.8196	40.305	C.79	545.984	12.47	00	45348.7780	30	45355.2578
	36	4938534.252	2502.2653	40.346	C.79	546.558	12.49	00	45361.7403	30	45368.2257
	37	4940385.587	2503.7119	40.386	C.80	547.133	12.52	00	45374.7139	30	45381.2049
	38	4942236.927	2505.1592	40.427	0.80	547.709	12.54	00	45387.6987	30	45394.1954
	39	4944088.272	2506.6074	40.467	C.80	548.285	12.56	00	45400.6949	30	45407.1972
44	40	4945939.623	2508.0564	40.508	0.80	548.863	12.59	00	45413.7024	30	45420.2103
	41	4947790.979	2509.5063	40.549	C.80	549.441	12.61	00	45426.7211	30	45433.2348
	42	4949642.340	2510.9569	40.590	C.80	550.020	12.63	00	45439.7513	30	45446.2706
	43	4951493.708	2512.4084	40.630	C.80	550.600	12.65	00	45452.7928	30	45459.3177
	44	4953345.080	2513.8608	40.671	C.80	551.181	12.68	00	45465.8456	30	45472.3763
44	45	4955196.458	2515.3139	40.712	C.81	551.763	12.70	00	45478.9098	30	45485.4462
	46	4957047.841	2516.7679	40.753	C.81	552.345	12.72	00	45491.9854	30	45498.5275
	47	4958899.230	2518.2228	40.794	C.81	552.929	12.75	00	45505.0724	30	45511.6202
	48	4960750.624	2519.6784	40.835	0.81	553.513	12.77	00	45518.1708	30	45524.7243
	49	4962602.024	2521.1349	40.877	0.81	554.098	12.79	00	45531.2806	30	45537.8398
44	50	4964453.429	2522.5922	40.918	C.81	554.684	12.82	00	45544.4019	30	45550.9668
	51	4966304.839	2524.0504	40.959	0.81	555.271	12.84	00	45557.5346	30	45564.1053
	52	4968156.255	2525.5094	41.000	0.82	555.859	12.86	00	45570.6788	30	45577.2552
	53	4970007.677	2526.9693	41.042	C.82	556.448	12.89	00	45583.8344	30	45590.4165
	54	4971859.103	2528.4300	41.083	0.82	557.038	12.91	00	45597.0015	30	45603.5894
44	55	4973710.535	2529.8915	41.125	C.82	557.628	12.93	00	45610.1802	30	45616.7738
	56	4975561.973	2531.3539	41.166	C.82	558.220	12.96	00	45623.3703	30	45629.9697
	57	4977413.416	2532.8171	41.208	C.82	558.812	12.98	00	45636.5719	30	45643.1771
	58	4979264.864	2534.2811	41.250	0.82	559.405	13.01	00	45649.7851	30	45656.3960
	59	4981116.318	2535.7460	41.291	C.82	559.999	13.03	00	45663.0098	30	45669.6265
45	00	4982967.778	2537.2118	41.333	C.83	560.594	13.05	00	45676.2461	30	45682.8686

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
45	0	4982967.778	2537.2118	41.333	0.83	560.594	13.05	00	45676.2461	30	45682.8686
	1	4984819.242	2538.6784	41.375	0.83	561.190	13.08	00	45689.4939	30	45696.1222
	2	4986670.713	2540.1458	41.417	0.83	561.787	13.10	00	45702.7534	30	45709.3874
	3	4988522.188	2541.6141	41.459	0.83	562.384	13.13	00	45716.0244	30	45722.6642
	4	4990373.669	2543.0833	41.501	0.83	562.983	13.15	00	45729.3070	30	45735.9527
45	5	4992225.156	2544.5533	41.543	0.83	563.582	13.17	00	45742.6012	30	45749.2527
	6	4994076.647	2546.0241	41.585	0.83	564.183	13.20	00	45755.9071	30	45762.5644
	7	4995928.145	2547.4958	41.627	0.84	564.784	13.22	00	45769.2246	30	45775.8878
	8	4997779.647	2548.9684	41.669	0.84	565.386	13.25	00	45782.5538	30	45789.2228
	9	4999631.156	2550.4418	41.712	0.84	565.989	13.27	00	45795.8947	30	45802.5695
45	10	5001482.669	2551.9161	41.754	0.84	566.593	13.30	00	45809.2472	30	45815.9278
	11	5003334.188	2553.3912	41.796	0.84	567.198	13.32	00	45822.6114	30	45829.2979
	12	5005185.713	2554.8672	41.839	0.84	567.804	13.35	00	45835.9873	30	45842.6797
	13	5007037.242	2556.3440	41.881	0.84	568.411	13.37	00	45849.3749	30	45856.0732
	14	5008888.778	2557.8217	41.924	0.85	569.019	13.39	00	45862.7743	30	45869.4784
45	15	5010740.318	2559.3003	41.966	0.85	569.627	13.42	00	45876.1854	30	45882.8954
	16	5012591.864	2560.7797	42.009	0.85	570.237	13.44	00	45889.6083	30	45896.3242
	17	5014443.416	2562.2600	42.052	0.85	570.847	13.47	00	45903.0429	30	45909.7647
	18	5016294.973	2563.7412	42.095	0.85	571.459	13.49	00	45916.4894	30	45923.2170
	19	5018146.535	2565.2232	42.137	0.85	572.071	13.52	00	45929.9476	30	45936.6811
45	20	5019998.103	2566.7061	42.180	0.85	572.684	13.54	00	45943.4176	30	45950.1570
	21	5021849.676	2568.1898	42.223	0.86	573.298	13.57	00	45956.8994	30	45963.6448
	22	5023701.255	2569.6745	42.266	0.86	573.913	13.59	00	45970.3931	30	45977.1444
	23	5025552.839	2571.1599	42.309	0.86	574.529	13.62	00	45983.8986	30	45990.6558
	24	5027404.429	2572.6463	42.352	0.86	575.146	13.64	00	45997.4160	30	46004.1791
45	25	5029256.024	2574.1335	42.396	0.86	575.764	13.67	00	46010.9453	30	46017.7143
	26	5031107.624	2575.6217	42.439	0.86	576.383	13.70	00	46024.4864	30	46031.2614
	27	5032959.230	2577.1106	42.482	0.86	577.003	13.72	00	46038.0394	30	46044.8204
	28	5034810.841	2578.6005	42.526	0.87	577.624	13.75	00	46051.6043	30	46058.3913
	29	5036662.458	2580.0912	42.569	0.87	578.245	13.77	00	46065.1812	30	46071.9741
45	30	5038514.080	2581.5828	42.612	0.87	578.868	13.80	00	46078.7700	30	46085.5689
	31	5040365.707	2583.0753	42.656	0.87	579.492	13.82	00	46092.3707	30	46099.1756
	32	5042217.340	2584.5687	42.700	0.87	580.116	13.85	00	46105.9834	30	46112.7943
	33	5044068.979	2586.0629	42.743	0.87	580.742	13.87	00	46119.6081	30	46126.4249
	34	5045920.623	2587.5580	42.787	0.87	581.368	13.90	00	46133.2448	30	46140.0676
45	35	5047772.272	2589.0540	42.831	0.88	581.995	13.93	00	46146.8934	30	46153.7223
	36	5049623.926	2590.5509	42.875	0.88	582.624	13.95	00	46160.5541	30	46167.3889
	37	5051475.587	2592.0487	42.918	0.88	583.253	13.98	00	46174.2268	30	46181.0677
	38	5053327.252	2593.5474	42.962	0.88	583.883	14.00	00	46187.9115	30	46194.7584
	39	5055178.923	2595.0469	43.006	0.88	584.514	14.03	00	46201.6083	30	46208.4612
45	40	5057030.599	2596.5473	43.051	0.88	585.147	14.06	00	46215.3172	30	46222.1761
	41	5058882.281	2598.0487	43.095	0.88	585.780	14.08	00	46229.0381	30	46235.9031
	42	5060733.968	2599.5509	43.139	0.89	586.414	14.11	00	46242.7711	30	46249.6422
	43	5062585.661	2601.0540	43.183	0.89	587.049	14.14	00	46256.5163	30	46263.3934
	44	5064437.359	2602.5579	43.227	0.89	587.685	14.16	00	46270.2735	30	46277.1567
45	45	5066289.062	2604.0628	43.272	0.89	588.322	14.19	00	46284.0429	30	46290.9321
	46	5068140.771	2605.5686	43.316	0.89	588.960	14.22	00	46297.8244	30	46304.7197
	47	5069992.486	2607.0753	43.361	0.89	589.599	14.24	00	46311.6181	30	46318.5195
	48	5071844.205	2608.5828	43.405	0.89	590.239	14.27	00	46325.4239	30	46332.3314
	49	5073695.931	2610.0913	43.450	0.90	590.880	14.30	00	46339.2420	30	46346.1555
45	50	5075547.661	2611.6007	43.495	0.90	591.522	14.32	00	46353.0722	30	46359.9919
	51	5077399.397	2613.1109	43.539	0.90	592.165	14.35	00	46366.9146	30	46373.8404
	52	5079251.139	2614.6221	43.584	0.90	592.808	14.38	00	46380.7693	30	46387.7012
	53	5081102.886	2616.1341	43.629	0.90	593.453	14.40	00	46394.6362	30	46401.5742
	54	5082954.638	2617.6471	43.674	0.90	594.099	14.43	00	46408.5153	30	46415.4595
45	55	5084806.396	2619.1610	43.719	0.91	594.746	14.46	00	46422.4067	30	46429.3571
	56	5086658.159	2620.6757	43.764	0.91	595.394	14.48	00	46436.3104	30	46443.2669
	57	5088509.927	2622.1914	43.809	0.91	596.043	14.51	00	46450.2264	30	46457.1890
	58	5090361.702	2623.7080	43.854	0.91	596.693	14.54	00	46464.1547	30	46471.1235
	59	5092213.481	2625.2255	43.899	0.91	597.343	14.57	00	46478.0953	30	46485.0702
46	00	5094065.266	2626.7439	43.945	0.91	597.995	14.59	00	46492.0482	30	46499.0293

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
46	0	5094065.266	2626.7439	43.945	0.91	597.995	14.59	00	46492.0482	30	46499.0293
	1	5095917.056	2628.2632	43.990	0.91	598.648	14.62	00	46506.0135	30	46513.0008
	2	5097768.852	2629.7834	44.035	0.92	599.302	14.65	00	46519.9911	30	46526.9846
	3	5099620.653	2631.3045	44.081	0.92	599.957	14.68	00	46533.9811	30	46540.9808
	4	5101472.459	2632.8265	44.126	0.92	600.613	14.70	00	46547.9835	30	46554.9894
46	5	5103324.271	2634.3495	44.172	0.92	601.270	14.73	00	46561.9983	30	46569.0104
	6	5105176.089	2635.8734	44.218	0.92	601.927	14.76	00	46576.0255	30	46583.0438
	7	5107027.912	2637.3981	44.263	0.92	602.586	14.79	00	46590.0652	30	46597.0896
	8	5108879.740	2638.9238	44.309	0.93	603.246	14.81	00	46604.1172	30	46611.1479
	9	5110731.574	2640.4505	44.355	0.93	603.907	14.84	00	46618.1817	30	46625.2187
46	10	5112583.413	2641.9780	44.401	0.93	604.569	14.87	00	46632.2587	30	46639.3019
	11	5114435.257	2643.5065	44.447	0.93	605.232	14.90	00	46646.3482	30	46653.3976
	12	5116287.107	2645.0358	44.493	0.93	605.896	14.93	00	46660.4502	30	46667.5058
	13	5118138.963	2646.5661	44.539	0.93	606.561	14.96	00	46674.5646	30	46681.6266
	14	5119990.823	2648.0974	44.585	0.93	607.227	14.98	00	46688.6916	30	46695.7598
46	15	5121842.690	2649.6295	44.631	0.94	607.894	15.01	00	46702.8312	30	46709.9056
	16	5123694.561	2651.1626	44.678	0.94	608.562	15.04	00	46716.9832	30	46724.0640
	17	5125546.438	2652.6966	44.724	0.94	609.232	15.07	00	46731.1479	30	46738.2349
	18	5127398.321	2654.2315	44.771	0.94	609.902	15.10	00	46745.3251	30	46752.4184
	19	5129250.209	2655.7674	44.817	0.94	610.573	15.13	00	46759.5149	30	46766.6146
46	20	5131102.102	2657.3042	44.864	0.94	611.245	15.15	00	46773.7173	30	46780.8233
	21	5132954.001	2658.8419	44.910	0.95	611.918	15.18	00	46787.9324	30	46795.0446
	22	5134805.905	2660.3806	44.957	0.95	612.593	15.21	00	46802.1601	30	46809.2786
	23	5136657.815	2661.9202	45.004	0.95	613.268	15.24	00	46816.4004	30	46823.5253
	24	5138509.730	2663.4607	45.050	0.95	613.945	15.27	00	46830.6533	30	46837.7846
46	25	5140361.650	2665.0022	45.097	0.95	614.622	15.30	00	46844.9190	30	46852.0566
	26	5142213.576	2666.5446	45.144	0.95	615.301	15.33	00	46859.1973	30	46866.3413
	27	5144065.507	2668.0879	45.191	0.96	615.980	15.36	00	46873.4884	30	46880.6387
	28	5145917.444	2669.6322	45.238	0.96	616.661	15.39	00	46887.7922	30	46894.9488
	29	5147769.386	2671.1774	45.285	0.96	617.343	15.42	00	46902.1087	30	46909.2717
46	30	5149621.334	2672.7235	45.333	0.96	618.025	15.44	00	46916.4379	30	46923.6073
	31	5151473.287	2674.2706	45.380	0.96	618.709	15.47	00	46930.7799	30	46937.9557
	32	5153325.245	2675.8187	45.427	0.96	619.394	15.50	00	46945.1347	30	46952.3169
	33	5155177.209	2677.3677	45.475	0.97	620.080	15.53	00	46959.5022	30	46966.6908
	34	5157029.178	2678.9176	45.522	0.97	620.767	15.56	00	46973.8826	30	46981.0776
46	35	5158881.153	2680.4685	45.570	0.97	621.455	15.59	00	46988.2758	30	46995.4772
	36	5160733.133	2682.0203	45.617	0.97	622.144	15.62	00	47002.6818	30	47009.8896
	37	5162585.118	2683.5731	45.665	0.97	622.835	15.65	00	47017.1007	30	47024.3149
	38	5164437.109	2685.1268	45.713	0.97	623.526	15.68	00	47031.5324	30	47038.7531
	39	5166289.106	2686.6815	45.760	0.98	624.218	15.71	00	47045.9770	30	47053.2041
46	40	5168141.107	2688.2372	45.808	0.98	624.912	15.74	00	47060.4345	30	47067.6680
	41	5169993.115	2689.7938	45.856	0.98	625.606	15.77	00	47074.9048	30	47082.1449
	42	5171845.127	2691.3513	45.904	0.98	626.302	15.80	00	47089.3881	30	47096.6346
	43	5173697.145	2692.9098	45.952	0.98	626.999	15.83	00	47103.8844	30	47111.1373
	44	5175549.169	2694.4693	46.000	0.98	627.696	15.86	00	47118.3935	30	47125.6530
46	45	5177401.198	2696.0297	46.049	0.99	628.395	15.89	00	47132.9157	30	47140.1816
	46	5179253.232	2697.5911	46.097	0.99	629.095	15.92	00	47147.4508	30	47154.7232
	47	5181105.272	2699.1534	46.145	0.99	629.796	15.95	00	47161.9989	30	47169.2778
	48	5182957.317	2700.7167	46.194	0.99	630.499	15.98	00	47176.5600	30	47183.8454
	49	5184809.367	2702.2810	46.242	0.99	631.202	16.02	00	47191.1341	30	47198.4261
46	50	5186661.423	2703.8462	46.291	0.99	631.906	16.05	00	47205.7213	30	47213.0198
	51	5188513.485	2705.4124	46.339	1.00	632.612	16.08	00	47220.3215	30	47227.6265
	52	5190365.551	2706.9796	46.388	1.00	633.318	16.11	00	47234.9348	30	47242.2463
	53	5192217.624	2708.5477	46.437	1.00	634.026	16.14	00	47249.5611	30	47256.8792
	54	5194069.701	2710.1168	46.485	1.00	634.735	16.17	00	47264.2006	30	47271.5252
46	55	5195921.784	2711.6869	46.534	1.00	635.445	16.20	00	47278.8531	30	47286.1843
	56	5197773.873	2713.2579	46.583	1.00	636.156	16.23	00	47293.5188	30	47300.8565
	57	5199625.967	2714.8299	46.632	1.01	636.868	16.26	00	47308.1976	30	47315.5419
	58	5201478.066	2716.4029	46.681	1.01	637.581	16.29	00	47322.8895	30	47330.2404
	59	5203330.171	2717.9769	46.730	1.01	638.296	16.33	00	47337.5946	30	47344.9521
47	00	5205182.281	2719.5518	46.780	1.01	639.011	16.36	00	47352.3129	30	47359.6770

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

.ATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
47	0	5205182.281	2719.5518	46.780	1.01	639.011	16.36	00	47352.3129	30	47359.6770
	1	5207034.396	2721.1278	46.829	1.01	639.728	16.39	00	47367.0444	30	47374.4151
	2	5208886.517	2722.7047	46.878	1.02	640.445	16.42	00	47381.7891	30	47389.1665
	3	5210738.644	2724.2825	46.928	1.02	641.164	16.45	00	47396.5471	30	47403.9310
	4	5212590.775	2725.8614	46.977	1.02	641.884	16.48	00	47411.3182	30	47418.7088
47	5	5214442.913	2727.4412	47.027	1.02	642.605	16.52	00	47426.1027	30	47433.4998
	6	5216295.055	2729.0221	47.076	1.02	643.328	16.55	00	47440.9004	30	47448.3042
	7	5218147.203	2730.6039	47.126	1.02	644.051	16.58	00	47455.7113	30	47463.1218
	8	5219999.357	2732.1867	47.176	1.03	644.776	16.61	00	47470.5356	30	47477.9527
	9	5221851.516	2733.7704	47.226	1.03	645.501	16.64	00	47485.3732	30	47492.7970
47	10	5223703.680	2735.3552	47.276	1.03	646.228	16.68	00	47500.2241	30	47507.6546
	11	5225555.850	2736.9410	47.326	1.03	646.956	16.71	00	47515.0884	30	47522.5255
	12	5227408.025	2738.5277	47.376	1.03	647.685	16.74	00	47529.9660	30	47537.4098
	13	5229260.205	2740.1155	47.426	1.03	648.416	16.77	00	47544.8570	30	47552.3075
	14	5231112.391	2741.7042	47.476	1.04	649.147	16.81	00	47559.7614	30	47567.2186
47	15	5232964.582	2743.2939	47.526	1.04	649.880	16.84	00	47574.6792	30	47582.1431
	16	5234816.779	2744.8847	47.577	1.04	650.614	16.87	00	47589.6104	30	47597.0811
	17	5236668.981	2746.4764	47.627	1.04	651.348	16.90	00	47604.5551	30	47612.0324
	18	5238521.189	2748.0691	47.678	1.04	652.085	16.94	00	47619.5132	30	47626.9973
	19	5240373.402	2749.6628	47.728	1.05	652.822	16.97	00	47634.4848	30	47641.9756
47	20	5242225.620	2751.2576	47.779	1.05	653.560	17.00	00	47649.4698	30	47656.9674
	21	5244077.844	2752.8533	47.829	1.05	654.300	17.04	00	47664.4684	30	47671.9727
	22	5245930.074	2754.4500	47.880	1.05	655.041	17.07	00	47679.4804	30	47686.9915
	23	5247782.308	2756.0477	47.931	1.05	655.782	17.10	00	47694.5060	30	47702.0239
	24	5249634.548	2757.6465	47.982	1.05	656.526	17.13	00	47709.5451	30	47717.0698
47	25	5251486.794	2759.2462	48.033	1.06	657.270	17.17	00	47724.5978	30	47732.1293
	26	5253339.045	2760.8470	48.084	1.06	658.015	17.20	00	47739.6641	30	47747.2023
	27	5255191.301	2762.4487	48.135	1.06	658.762	17.23	00	47754.7439	30	47762.2890
	28	5257043.563	2764.0515	48.186	1.06	659.510	17.27	00	47769.8374	30	47777.3892
	29	5258895.830	2765.6553	48.238	1.06	660.259	17.30	00	47784.9445	30	47792.5031
47	30	5260748.102	2767.2601	48.289	1.07	661.009	17.34	00	47800.0652	30	47807.6307
	31	5262600.380	2768.8659	48.341	1.07	661.760	17.37	00	47815.1996	30	47822.7719
	32	5264452.664	2770.4727	48.392	1.07	662.513	17.40	00	47830.3476	30	47837.9267
	33	5266304.952	2772.0805	48.444	1.07	663.267	17.44	00	47845.5093	30	47853.0953
	34	5268157.246	2773.6894	48.495	1.07	664.022	17.47	00	47860.6847	30	47868.2776
47	35	5270009.546	2775.2993	48.547	1.08	664.778	17.51	00	47875.8739	30	47883.4736
	36	5271861.851	2776.9102	48.599	1.08	665.535	17.54	00	47891.0767	30	47898.6833
	37	5273714.161	2778.5221	48.651	1.08	666.294	17.57	00	47906.2933	30	47913.9068
	38	5275566.477	2780.1350	48.703	1.08	667.054	17.61	00	47921.5237	30	47929.1440
	39	5277418.798	2781.7490	48.755	1.08	667.815	17.64	00	47936.7678	30	47944.3951
47	40	5279271.125	2783.3640	48.807	1.09	668.577	17.68	00	47952.0258	30	47959.6599
	41	5281123.457	2784.9800	48.859	1.09	669.340	17.71	00	47967.2975	30	47974.9385
	42	5282975.794	2786.5970	48.911	1.09	670.105	17.75	00	47982.5831	30	47990.2310
	43	5284828.137	2788.2151	48.964	1.09	670.871	17.78	00	47997.8825	30	48005.5374
	44	5286680.486	2789.8342	49.016	1.09	671.638	17.82	00	48013.1957	30	48020.8576
47	45	5288532.839	2791.4543	49.068	1.09	672.406	17.85	00	48028.5229	30	48036.1916
	46	5290385.198	2793.0755	49.121	1.10	673.176	17.89	00	48043.8639	30	48051.5396
	47	5292237.563	2794.6977	49.174	1.10	673.947	17.92	00	48059.2188	30	48066.9015
	48	5294089.933	2796.3210	49.226	1.10	674.719	17.96	00	48074.5877	30	48082.2773
	49	5295942.308	2797.9452	49.279	1.10	675.492	17.99	00	48089.9704	30	48097.6671
47	50	5297794.688	2799.5705	49.332	1.10	676.266	18.03	00	48105.3672	30	48113.0708
	51	5299647.075	2801.1969	49.385	1.11	677.042	18.06	00	48120.7779	30	48128.4885
	52	5301499.466	2802.8243	49.438	1.11	677.819	18.10	00	48136.2026	30	48143.9201
	53	5303351.863	2804.4527	49.491	1.11	678.597	18.13	00	48151.6412	30	48159.3658
	54	5305204.265	2806.0822	49.544	1.11	679.377	18.17	00	48167.0939	30	48174.8255
47	55	5307056.673	2807.7127	49.597	1.11	680.157	18.21	00	48182.5607	30	48190.2993
	56	5308909.086	2809.3443	49.651	1.12	680.939	18.24	00	48198.0415	30	48205.7871
	57	5310761.504	2810.9769	49.704	1.12	681.723	18.28	00	48213.5363	30	48221.2890
	58	5312613.928	2812.6106	49.758	1.12	682.507	18.31	00	48229.0452	30	48236.8050
	59	5314466.358	2814.2453	49.811	1.12	683.293	18.35	00	48244.5683	30	48252.3351
48	00	5316318.792	2815.8810	49.865	1.12	684.080	18.39	00	48260.1054	30	48267.8793

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
48	0	5316318.792	2815.8810	49.865	1.12	684.080	18.39	00	48260.1054	30	48267.8793
	1	5318171.232	2817.5179	49.918	1.13	684.868	18.42	00	48275.6567	30	48283.4376
	2	5320023.678	2819.1557	49.972	1.13	685.658	18.46	00	48291.2221	30	48299.0101
	3	5321876.129	2823.7947	50.026	1.13	686.448	18.49	00	48306.8017	30	48314.5968
	4	5323728.585	2822.4346	50.080	1.13	687.240	18.53	00	48322.3954	30	48330.1976
48	5	5325581.047	2824.0757	50.134	1.13	688.034	18.57	00	48338.0034	30	48345.8127
	6	5327433.514	2825.7178	50.188	1.14	688.828	18.60	00	48353.6255	30	48361.4419
	7	5329285.987	2827.3609	50.242	1.14	689.624	18.64	00	48369.2619	30	48377.0855
	8	5331138.464	2829.0051	50.297	1.14	690.421	18.68	00	48384.9126	30	48392.7432
	9	5332990.948	2830.6504	50.351	1.14	691.220	18.72	00	48400.5775	30	48408.4153
48	10	5334843.436	2832.2968	50.405	1.14	692.020	18.75	00	48416.2566	30	48424.1016
	11	5336695.931	2833.9442	50.460	1.15	692.821	18.79	00	48431.9501	30	48439.8022
	12	5338548.430	2835.5927	50.514	1.15	693.623	18.83	00	48447.6579	30	48455.5171
	13	5340400.935	2837.2422	50.569	1.15	694.427	18.86	00	48463.3800	30	48471.2464
	14	5342253.445	2838.8928	50.624	1.15	695.232	18.90	00	48479.1164	30	48486.9901
48	15	5344105.961	2840.5445	50.679	1.15	696.038	18.94	00	48494.8673	30	48502.7481
	16	5345958.482	2842.1973	50.733	1.16	696.845	18.98	00	48510.6325	30	48518.5205
	17	5347811.008	2843.8511	50.788	1.16	697.654	19.01	00	48526.4120	30	48534.3072
	18	5349663.540	2845.5060	50.843	1.16	698.464	19.05	00	48542.2061	30	48550.1085
	19	5351516.078	2847.1620	50.899	1.16	699.276	19.09	00	48558.0145	30	48565.9241
48	20	5353368.620	2848.8190	50.954	1.17	700.088	19.13	00	48573.8374	30	48581.7542
	21	5355221.168	2850.4772	51.009	1.17	700.903	19.17	00	48589.6747	30	48597.5988
	22	5357073.722	2852.1364	51.065	1.17	701.718	19.20	00	48605.5265	30	48613.4578
	23	5358926.281	2853.7967	51.120	1.17	702.535	19.24	00	48621.3928	30	48629.3314
	24	5360778.845	2855.4581	51.176	1.17	703.353	19.28	00	48637.2736	30	48645.2195
48	25	5362631.415	2857.1205	51.231	1.18	704.172	19.32	00	48653.1690	30	48661.1221
	26	5364483.990	2858.7841	51.287	1.18	704.993	19.36	00	48669.0789	30	48677.0393
	27	5366336.570	2860.4487	51.343	1.18	705.815	19.40	00	48685.0034	30	48692.9711
	28	5368189.156	2862.1144	51.399	1.18	706.638	19.44	00	48700.9424	30	48708.9174
	29	5370041.747	2863.7813	51.454	1.18	707.463	19.47	00	48716.8960	30	48724.8783
48	30	5371894.344	2865.4492	51.510	1.19	708.289	19.51	00	48732.8643	30	48740.8539
	31	5373746.946	2867.1182	51.567	1.19	709.116	19.55	00	48748.8472	30	48756.8441
	32	5375599.553	2868.7882	51.623	1.19	709.945	19.59	00	48764.8447	30	48772.8490
	33	5377452.166	2870.4594	51.679	1.19	710.775	19.63	00	48780.8569	30	48788.8685
	34	5379304.784	2872.1317	51.735	1.20	711.606	19.67	00	48796.8838	30	48804.9028
48	35	5381157.408	2873.8051	51.792	1.20	712.439	19.71	00	48812.9254	30	48820.9517
	36	5383010.036	2875.4796	51.848	1.20	713.273	19.75	00	48828.9817	30	48837.0154
	37	5384862.671	2877.1552	51.905	1.20	714.109	19.79	00	48845.0528	30	48853.0938
	38	5386715.311	2878.8318	51.962	1.20	714.946	19.83	00	48861.1386	30	48869.1870
	39	5388567.956	2880.5096	52.019	1.21	715.784	19.87	00	48877.2391	30	48885.2950
48	40	5390420.606	2882.1885	52.075	1.21	716.623	19.91	00	48893.3545	30	48901.4177
	41	5392273.262	2883.8685	52.132	1.21	717.464	19.95	00	48909.4846	30	48917.5553
	42	5394125.923	2885.5496	52.189	1.21	718.307	19.99	00	48925.6296	30	48933.7077
	43	5395978.590	2887.2318	52.246	1.21	719.150	20.03	00	48941.7894	30	48949.8749
	44	5397831.262	2888.9151	52.304	1.22	719.995	20.07	00	48957.9641	30	48966.0570
48	45	5399683.939	2890.5996	52.361	1.22	720.842	20.11	00	48974.1537	30	48982.2540
	46	5401536.622	2892.2851	52.418	1.22	721.690	20.15	00	48990.3581	30	48998.4659
	47	5403389.310	2893.9718	52.476	1.22	722.539	20.19	00	49006.5775	30	49014.6928
	48	5405242.004	2895.6596	52.533	1.23	723.389	20.23	00.	49022.8118	30	49030.9345
	49	5407094.703	2897.3485	52.591	1.23	724.241	20.27	00	49039.0610	30	49047.1912
48	50	5408947.407	2899.0385	52.649	1.23	725.095	20.31	00	49055.3252	30	49063.4629
	51	5410800.117	2900.7296	52.707	1.23	725.950	20.35	00	49071.6044	30	49079.7496
	52	5412652.832	2902.4218	52.764	1.24	726.806	20.39	00	49087.8985	30	49096.0512
	53	5414505.553	2904.1152	52.822	1.24	727.663	20.43	00	49104.2077	30	49112.3680
	54	5416358.279	2905.8097	52.880	1.24	728.522	20.48	00	49120.5319	30	49128.6997
48	55	5418211.010	2907.5054	52.939	1.24	729.383	20.52	00	49136.8712	30	49145.0465
	56	5420063.747	2909.2021	52.997	1.24	730.244	20.56	00	49153.2256	30	49161.4084
	57	5421916.489	2910.9000	53.055	1.25	731.108	20.60	00	49169.5950	30	49177.7854
	58	5423769.236	2912.5990	53.114	1.25	731.972	20.64	00	49185.9795	30	49194.1775
	59	5425621.989	2914.2991	53.172	1.25	732.838	20.68	00	49202.3792	30	49210.5847
49	00	5427474.747	2916.0004	53.231	1.25	733.706	20.73	00	49218.7940	30	49227.0071

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
49	0	5427474.747	2916.0004	53.231	1.25	733.706	20.73	00	49218.7940	30	49227.0071
	1	5429327.511	2917.7028	53.289	1.26	734.575	20.77	00	49235.2239	30	49243.4446
	2	5431180.280	2919.4064	53.348	1.26	735.445	20.81	00	49251.6691	30	49259.8974
	3	5433033.054	2921.1111	53.407	1.26	736.317	20.85	00	49268.1294	30	49276.3653
	4	5434885.834	2922.8169	53.466	1.26	737.190	20.89	00	49284.6050	30	49292.8484
49	5	5436738.619	2924.5238	53.525	1.26	738.065	20.94	00	49301.0957	30	49309.3468
	6	5438591.409	2926.2319	53.584	1.27	738.941	20.98	00	49317.6018	30	49325.8605
	7	5440444.205	2927.9412	53.643	1.27	739.818	21.02	00	49334.1231	30	49342.3894
	8	5442297.006	2929.6516	53.702	1.27	740.697	21.06	00	49350.6596	30	49358.9337
	9	5444149.813	2931.3631	53.762	1.27	741.578	21.11	00	49367.2115	30	49375.4932
49	10	5446002.625	2933.0758	53.821	1.28	742.460	21.15	00	49383.7787	30	49392.0681
	11	5447855.442	2934.7896	53.881	1.28	743.343	21.19	00	49400.3613	30	49408.6583
	12	5449708.265	2936.5046	53.941	1.28	744.228	21.24	00	49416.9592	30	49425.2639
	13	5451561.093	2938.2207	54.000	1.28	745.114	21.28	00	49433.5725	30	49441.8849
	14	5453413.926	2939.9380	54.060	1.29	746.002	21.32	00	49450.2012	30	49458.5213
49	15	5455266.765	2941.6565	54.120	1.29	746.891	21.37	00	49466.8453	30	49475.1731
	16	5457119.609	2943.3761	54.180	1.29	747.781	21.41	00	49483.5048	30	49491.8404
	17	5458972.459	2945.0968	54.240	1.29	748.673	21.45	00	49500.1798	30	49508.5231
	18	5460825.314	2946.8187	54.300	1.30	749.567	21.50	00	49516.8702	30	49525.2213
	19	5462678.174	2948.5418	54.361	1.30	750.462	21.54	00	49533.5762	30	49541.9350
49	20	5464531.040	2950.2660	54.421	1.30	751.359	21.58	00	49550.2976	30	49558.6642
	21	5466383.911	2951.9914	54.481	1.30	752.257	21.63	00	49567.0346	30	49575.4089
	22	5468236.787	2953.7180	54.542	1.31	753.156	21.67	00	49583.7871	30	49592.1692
	23	5470089.669	2955.4457	54.603	1.31	754.057	21.72	00	49600.5552	30	49608.9451
	24	5471942.556	2957.1746	54.663	1.31	754.960	21.76	00	49617.3388	30	49625.7365
49	25	5473795.449	2958.9047	54.724	1.31	755.864	21.81	00	49634.1381	30	49642.5436
	26	5475648.347	2960.6359	54.785	1.32	756.769	21.85	00	49650.9530	30	49659.3663
	27	5477501.250	2962.3683	54.846	1.32	757.676	21.89	00	49667.7835	30	49676.2046
	28	5479354.159	2964.1019	54.907	1.32	758.585	21.94	00	49684.6297	30	49693.0586
	29	5481207.073	2965.8367	54.968	1.32	759.495	21.98	00	49701.4915	30	49709.9283
49	30	5483059.992	2967.5726	55.030	1.32	760.406	22.03	00	49718.3691	30	49726.8137
	31	5484912.917	2969.3097	55.091	1.33	761.319	22.07	00	49735.2623	30	49743.7149
	32	5486765.847	2971.0480	55.153	1.33	762.234	22.12	00	49752.1713	30	49760.6317
	33	5488618.783	2972.7875	55.214	1.33	763.150	22.17	00	49769.0961	30	49777.5643
	34	5490471.723	2974.5282	55.276	1.33	764.068	22.21	00	49786.0366	30	49794.5127
49	35	5492324.670	2976.2700	55.338	1.34	764.987	22.26	00	49802.9929	30	49811.4769
	36	5494177.621	2978.0130	55.399	1.34	765.907	22.30	00	49819.9650	30	49828.4570
	37	5496030.578	2979.7572	55.461	1.34	766.830	22.35	00	49836.9529	30	49845.4528
	38	5497883.540	2981.5027	55.523	1.34	767.753	22.39	00	49853.9567	30	49862.4645
	39	5499736.508	2983.2492	55.586	1.35	768.679	22.44	00	49870.9763	30	49879.4921
49	40	5501589.481	2984.9970	55.648	1.35	769.605	22.49	00	49888.0119	30	49896.5356
	41	5503442.460	2986.7460	55.710	1.35	770.534	22.53	00	49905.0633	30	49913.5950
	42	5505295.443	2988.4962	55.773	1.35	771.464	22.58	00	49922.1307	30	49930.6703
	43	5507148.432	2990.2476	55.835	1.36	772.395	22.63	00	49939.2140	30	49947.7616
	44	5509001.427	2992.0001	55.898	1.36	773.328	22.67	00	49956.3132	30	49964.8689
49	45	5510854.427	2993.7539	55.960	1.36	774.263	22.72	00	49973.4285	30	49981.9921
	46	5512707.432	2995.5089	56.023	1.37	775.199	22.77	00	49990.5597	30	49999.1314
	47	5514560.443	2997.2650	56.086	1.37	776.137	22.81	00	50007.7070	30	50016.2866
	48	5516413.458	2999.0224	56.149	1.37	777.076	22.86	00	50024.8703	30	50033.4580
	49	5518266.480	3000.7810	56.212	1.37	778.017	22.91	00	50042.0497	30	50050.6454
49	50	5520119.506	3002.5408	56.275	1.38	778.959	22.95	00	50059.2451	30	50067.8489
	51	5521972.538	3004.3018	56.339	1.38	779.903	23.00	00	50076.4566	30	50085.0685
	52	5523825.576	3006.0640	56.402	1.38	780.849	23.05	00	50093.6843	30	50102.3042
	53	5525678.618	3007.8274	56.466	1.38	781.796	23.10	00	50110.9281	30	50119.5561
	54	5527531.666	3009.5920	56.529	1.39	782.745	23.14	00	50128.1881	30	50136.8241
49	55	5529384.720	3011.3579	56.593	1.39	783.695	23.19	00	50145.4642	30	50154.1083
	56	5531237.779	3013.1250	56.657	1.39	784.647	23.24	00	50162.7565	30	50171.4088
	57	5533090.843	3014.8932	56.721	1.39	785.601	23.29	00	50180.0651	30	50188.7254
	58	5534943.912	3016.6628	56.784	1.40	786.556	23.34	00	50197.3898	30	50206.0583
	59	5536796.987	3018.4335	56.849	1.40	787.513	23.39	00	50214.7309	30	50223.4075
50	00	5538650.067	3020.2054	56.913	1.40	788.471	23.43	00	50232.0882	30	50240.7729

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
50	0	5538650.067	3020.2054	56.913	1.40	788.471	23.43	00	50232.0882	30	50240.7729
	1	5540503.153	3021.9786	56.977	1.40	789.431	23.48	00	50249.4618	30	50258.1547
	2	5542356.244	3023.7530	57.041	1.41	790.393	23.53	00	50266.8517	30	50275.5528
	3	5544209.340	3025.5286	57.106	1.41	791.356	23.58	00	50284.2580	30	50292.9672
	4	5546062.441	3027.3055	57.170	1.41	792.321	23.63	00	50301.6806	30	50310.3980
50	5	5547915.548	3029.0836	57.235	1.41	793.287	23.68	00	50319.1196	30	50327.8452
	6	5549768.661	3030.8629	57.300	1.42	794.255	23.73	00	50336.5749	30	50345.3088
	7	5551621.778	3032.6434	57.365	1.42	795.225	23.78	00	50354.0467	30	50362.7888
	8	5553474.901	3034.4252	57.430	1.42	796.196	23.83	00	50371.5350	30	50380.2852
	9	5555328.030	3036.2083	57.495	1.43	797.169	23.88	00	50389.0397	30	50397.7982
50	10	5557181.163	3037.9925	57.560	1.43	798.144	23.93	00	50406.5608	30	50415.3276
	11	5559034.302	3039.7780	57.625	1.43	799.120	23.98	00	50424.0985	30	50432.8735
	12	5560887.447	3041.5648	57.691	1.43	800.098	24.03	00	50441.6527	30	50450.4359
	13	5562740.596	3043.3528	57.756	1.44	801.078	24.08	00	50459.2234	30	50468.0149
	14	5564593.751	3045.1420	57.822	1.44	802.059	24.13	00	50476.8106	30	50485.6105
50	15	5566446.912	3046.9325	57.887	1.44	803.042	24.18	00	50494.4145	30	50503.2226
	16	5568300.077	3048.7242	57.953	1.44	804.027	24.23	00	50512.0349	30	50520.8514
	17	5570153.249	3050.5172	58.019	1.45	805.013	24.28	00	50529.6720	30	50538.4968
	18	5572006.425	3052.3114	58.085	1.45	806.001	24.33	00	50547.3257	30	50556.1588
	19	5573859.607	3054.1069	58.151	1.45	806.990	24.38	00	50564.9960	30	50573.8375
50	20	5575712.794	3055.9037	58.217	1.46	807.982	24.43	00	50582.6831	30	50591.5329
	21	5577565.986	3057.7017	58.284	1.46	808.975	24.48	00	50600.3868	30	50609.2450
	22	5579419.184	3059.5009	58.350	1.46	809.969	24.53	00	50618.1073	30	50626.9738
	23	5581272.387	3061.3014	58.416	1.46	810.966	24.58	00	50635.8445	30	50644.7194
	24	5583125.596	3063.1032	58.483	1.47	811.964	24.64	00	50653.5985	30	50662.4817
50	25	5584978.809	3064.9063	58.550	1.47	812.963	24.69	00	50671.3692	30	50680.2609
	26	5586832.029	3066.7106	58.617	1.47	813.965	24.74	00	50689.1568	30	50698.0568
	27	5588685.253	3068.5161	58.683	1.48	814.968	24.79	00	50706.9611	30	50715.8696
	28	5590538.483	3070.3230	58.751	1.48	815.973	24.84	00	50724.7824	30	50733.6993
	29	5592391.718	3072.1311	58.818	1.48	816.979	24.90	00	50742.6204	30	50751.5458
50	30	5594244.959	3073.9405	58.885	1.48	817.987	24.95	00	50760.4754	30	50769.4092
	31	5596098.204	3075.7511	58.952	1.49	818.997	25.00	00	50778.3473	30	50787.2896
	32	5597951.456	3077.5631	59.020	1.49	820.009	25.05	00	50796.2361	30	50805.1869
	33	5599804.712	3079.3763	59.087	1.49	821.022	25.11	00	50814.1419	30	50823.1011
	34	5601657.974	3081.1907	59.155	1.50	822.037	25.16	00	50832.0646	30	50841.0323
50	35	5603511.241	3083.0065	59.223	1.50	823.054	25.21	00	50850.0043	30	50858.9805
	36	5605364.514	3084.8236	59.290	1.50	824.073	25.26	00	50867.9610	30	50876.9458
	37	5607217.791	3086.6419	59.358	1.50	825.093	25.32	00	50885.9348	30	50894.9281
	38	5609071.075	3088.4615	59.427	1.51	826.115	25.37	00	50903.9256	30	50912.9275
	39	5610924.363	3090.2824	59.495	1.51	827.139	25.42	00	50921.9335	30	50930.9439
50	40	5612777.657	3092.1046	59.563	1.51	828.165	25.48	00	50939.9585	30	50948.9775
	41	5614630.956	3093.9281	59.631	1.52	829.192	25.53	00	50958.0007	30	50967.0281
	42	5616484.260	3095.7528	59.700	1.52	830.221	25.59	00	50976.0599	30	50985.0960
	43	5618337.570	3097.5789	59.769	1.52	831.252	25.64	00	50994.1363	30	51003.1810
	44	5620190.885	3099.4063	59.837	1.52	832.284	25.69	00	51012.2299	30	51021.2832
50	45	5622044.206	3101.2349	59.906	1.53	833.319	25.75	00	51030.3407	30	51039.4026
	46	5623897.532	3103.0649	59.975	1.53	834.355	25.80	00	51048.4688	30	51057.5392
	47	5625750.863	3104.8961	60.044	1.53	835.393	25.86	00	51066.6140	30	51075.6932
	48	5627604.199	3106.7287	60.113	1.54	836.433	25.91	00	51084.7766	30	51093.8643
	49	5629457.541	3108.5625	60.183	1.54	837.474	25.97	00	51102.9564	30	51112.0528
50	50	5631310.888	3110.3977	60.252	1.54	838.517	26.02	00	51121.1536	30	51130.2587
	51	5633164.240	3112.2342	60.321	1.55	839.562	26.08	00	51139.3681	30	51148.4818
	52	5635017.598	3114.0719	60.391	1.55	840.609	26.13	00	51157.5999	30	51166.7223
	53	5636870.961	3115.9110	60.461	1.55	841.658	26.19	00	51175.8491	30	51184.9802
	54	5638724.330	3117.7514	60.531	1.55	842.708	26.24	00	51194.1157	30	51203.2556
50	55	5640577.703	3119.5932	60.601	1.56	843.761	26.30	00	51212.3998	30	51221.5483
	56	5642431.082	3121.4362	60.671	1.56	844.815	26.36	00	51230.7012	30	51239.8585
	57	5644284.467	3123.2805	60.741	1.56	845.871	26.41	00	51249.0202	30	51258.1862
	58	5646137.856	3125.1262	60.811	1.57	846.928	26.47	00	51267.3566	30	51276.5314
	59	5647991.251	3126.9732	60.881	1.57	847.988	26.52	00	51285.7105	30	51294.8941
51	00	5649844.652	3128.8215	60.952	1.57	849.049	26.58	00	51304.0820	30	51313.2743

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
51	0	5649844.652	3128.8215	60.952	1.57	849.049	26.58	00	51304.0820	30	51313.2743
	1	5651698.057	3130.6711	61.022	1.58	850.112	26.64	00	51322.4710	30	51331.6721
	2	5653551.468	3132.5221	61.093	1.58	851.177	26.69	00	51340.8776	30	51350.0875
	3	5655404.884	3134.3744	61.164	1.58	852.244	26.75	00	51359.3018	30	51368.5205
	4	5657258.306	3136.2280	61.235	1.59	853.313	26.81	00	51377.7436	30	51386.9711
51	5	5659111.733	3138.0830	61.306	1.59	854.383	26.86	00	51396.2031	30	51405.4394
	6	5660965.165	3139.9392	61.377	1.59	855.456	26.92	00	51414.6802	30	51423.9254
	7	5662818.602	3141.7969	61.448	1.59	856.530	26.98	00	51433.1750	30	51442.4290
	8	5664672.045	3143.6558	61.520	1.60	857.606	27.04	00	51451.6875	30	51460.9504
	9	5666525.493	3145.5161	61.591	1.60	858.684	27.10	00	51470.2177	30	51479.4895
51	10	5668378.947	3147.3777	61.663	1.60	859.764	27.15	00	51488.7657	30	51498.0464
	11	5670232.406	3149.2407	61.735	1.61	860.845	27.21	00	51507.3315	30	51516.6210
	12	5672085.870	3151.1050	61.807	1.61	861.929	27.27	00	51525.9150	30	51535.2135
	13	5673939.339	3152.9707	61.879	1.61	863.014	27.33	00	51544.5164	30	51553.8238
	14	5675792.814	3154.8377	61.951	1.62	864.102	27.39	00	51563.1356	30	51572.4519
51	15	5677646.294	3156.7061	62.023	1.62	865.191	27.44	00	51581.7727	30	51591.0979
	16	5679499.779	3158.5758	62.095	1.62	866.282	27.50	00	51600.4277	30	51609.7619
	17	5681353.269	3160.4468	62.168	1.63	867.375	27.56	00	51619.1005	30	51628.4437
	18	5683206.765	3162.3192	62.240	1.63	868.470	27.62	00	51637.7914	30	51647.1435
	19	5685060.267	3164.1930	62.313	1.63	869.567	27.68	00	51656.5001	30	51665.8612
51	20	5686913.773	3166.0682	62.386	1.64	870.665	27.74	00	51675.2269	30	51684.5970
	21	5688767.285	3167.9446	62.458	1.64	871.766	27.80	00	51693.9716	30	51703.3507
	22	5690620.802	3169.8225	62.531	1.64	872.868	27.86	00	51712.7344	30	51722.1225
	23	5692474.324	3171.7017	62.605	1.65	873.973	27.92	00	51731.5152	30	51740.9124
	24	5694327.852	3173.5823	62.678	1.65	875.079	27.98	00	51750.3141	30	51759.7203
51	25	5696181.385	3175.4642	62.751	1.65	876.187	28.04	00	51769.1311	30	51778.5463
	26	5698034.923	3177.3476	62.825	1.66	877.298	28.10	00	51787.9661	30	51797.3905
	27	5699888.467	3179.2322	62.898	1.66	878.410	28.16	00	51806.8194	30	51816.2528
	28	5701742.016	3181.1183	62.972	1.66	879.524	28.22	00	51825.6908	30	51835.1333
	29	5703595.570	3183.0057	63.046	1.66	880.640	28.28	00	51844.5803	30	51854.0320
51	30	5705449.130	3184.8945	63.120	1.67	881.758	28.34	00	51863.4881	30	51872.9488
	31	5707302.695	3186.7847	63.194	1.67	882.878	28.40	00	51882.4141	30	51891.8840
	32	5709156.265	3188.6763	63.268	1.67	884.000	28.47	00	51901.3584	30	51910.8374
	33	5711009.840	3190.5693	63.342	1.68	885.123	28.53	00	51920.3209	30	51929.8091
	34	5712863.421	3192.4636	63.417	1.68	886.249	28.59	00	51939.3018	30	51948.7991
51	35	5714717.007	3194.3593	63.491	1.68	887.377	28.65	00	51958.3010	30	51967.8074
	36	5716570.598	3196.2564	63.566	1.69	888.507	28.71	00	51977.3185	30	51986.8341
	37	5718424.195	3198.1549	63.641	1.69	889.638	28.78	00	51996.3544	30	52005.8792
	38	5720277.797	3200.0548	63.716	1.69	890.772	28.84	00	52015.4086	30	52024.9427
	39	5722131.404	3201.9561	63.791	1.70	891.908	28.90	00	52034.4813	30	52044.0246
51	40	5723985.016	3203.8587	63.866	1.70	893.045	28.96	00	52053.5725	30	52063.1250
	41	5725838.634	3205.7628	63.941	1.71	894.185	29.03	00	52072.6821	30	52082.2438
	42	5727692.257	3207.6683	64.017	1.71	895.327	29.09	00	52091.8102	30	52101.3812
	43	5729545.885	3209.5752	64.092	1.71	896.470	29.15	00	52110.9568	30	52120.5370
	44	5731399.519	3211.4834	64.168	1.72	897.616	29.21	00	52130.1219	30	52139.7115
51	45	5733253.158	3213.3931	64.244	1.72	898.764	29.28	00	52149.3056	30	52158.9045
	46	5735106.802	3215.3042	64.320	1.72	899.913	29.34	00	52168.5079	30	52178.1160
	47	5736960.451	3217.2167	64.396	1.73	901.065	29.41	00	52187.7288	30	52197.3463
	48	5738814.106	3219.1306	64.472	1.73	902.219	29.47	00	52206.9683	30	52216.5951
	49	5740667.766	3221.0459	64.548	1.73	903.374	29.53	00	52226.2265	30	52235.8626
51	50	5742521.432	3222.9626	64.624	1.74	904.532	29.60	00	52245.5034	30	52255.1488
	51	5744375.102	3224.8807	64.701	1.74	905.692	29.66	00	52264.7989	30	52274.4538
	52	5746228.778	3226.8003	64.778	1.74	906.854	29.73	00	52284.1132	30	52293.7774
	53	5748082.459	3228.7213	64.854	1.75	908.018	29.79	00	52303.4463	30	52313.1198
	54	5749936.146	3230.6437	64.931	1.75	909.184	29.86	00	52322.7981	30	52332.4811
51	55	5751789.838	3232.5675	65.008	1.75	910.352	29.92	00	52342.1687	30	52351.8611
	56	5753643.535	3234.4927	65.086	1.76	911.522	29.99	00	52361.5582	30	52371.2599
	57	5755497.237	3236.4194	65.163	1.76	912.694	30.05	00	52380.9664	30	52390.6777
	58	5757350.944	3238.3475	65.240	1.76	913.868	30.12	00	52400.3936	30	52410.1143
	59	5759204.657	3240.2770	65.318	1.77	915.045	30.18	00	52419.8397	30	52429.5698
52	00	5761058.375	3242.2080	65.395	1.77	916.223	30.25	00	52439.3046	30	52449.0442

TABELAS PARA CALCULOS NO SISTEMA DE PROJECKO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
52	0	5761058.375	3242.2080	65.395	1.77	916.223	30.25	00	52439.3046	30	52449.0442
	1	5762912.099	3244.1404	65.473	1.77	917.403	30.32	00	52458.7886	30	52468.5376
	2	5764765.827	3246.0742	65.551	1.78	918.586	30.38	00	52478.2915	30	52488.0500
	3	5766619.561	3248.0095	65.629	1.78	919.771	30.45	00	52497.8134	30	52507.5814
	4	5768473.301	3249.9462	65.707	1.79	920.957	30.52	00	52517.3543	30	52527.1319
52	5	5770327.045	3251.8844	65.786	1.79	922.146	30.58	00	52536.9142	30	52546.7013
	6	5772180.795	3253.8240	65.864	1.79	923.337	30.65	00	52556.4932	30	52566.2899
	7	5774034.550	3255.7650	65.943	1.80	924.530	30.72	00	52576.0914	30	52585.8976
	8	5775888.310	3257.7075	66.021	1.80	925.725	30.78	00	52595.7086	30	52605.5244
	9	5777742.076	3259.6515	66.100	1.80	926.922	30.85	00	52615.3450	30	52625.1703
52	10	5779595.847	3261.5965	66.179	1.81	928.122	30.92	00	52635.0005	30	52644.8355
	11	5781449.623	3263.5437	66.258	1.81	929.323	30.99	00	52654.6753	30	52664.5198
	12	5783303.404	3265.4920	66.337	1.81	930.527	31.06	00	52674.3692	30	52684.2234
	13	5785157.191	3267.4418	66.417	1.82	931.733	31.12	00	52694.0824	30	52703.9462
	14	5787010.983	3269.3930	66.496	1.82	932.941	31.19	00	52713.8149	30	52723.6883
52	15	5788864.780	3271.3457	66.576	1.83	934.151	31.26	00	52733.5666	30	52743.4498
	16	5790718.583	3273.2999	66.655	1.83	935.363	31.33	00	52753.3377	30	52763.2305
	17	5792572.390	3275.2555	66.735	1.83	936.577	31.40	00	52773.1281	30	52783.0306
	18	5794426.203	3277.2126	66.815	1.84	937.794	31.47	00	52792.9379	30	52802.8501
	19	5796280.021	3279.1711	66.895	1.84	939.013	31.54	00	52812.7671	30	52822.6890
52	20	5798133.845	3281.1312	66.976	1.84	940.234	31.61	00	52832.6157	30	52842.5473
	21	5799987.674	3283.0927	67.056	1.85	941.457	31.68	00	52852.4837	30	52862.4251
	22	5801841.508	3285.0556	67.137	1.85	942.682	31.75	00	52872.3713	30	52882.3223
	23	5803695.347	3287.0201	67.217	1.86	943.909	31.82	00	52892.2783	30	52902.2391
	24	5805549.192	3288.9860	67.298	1.86	945.139	31.89	00	52912.2048	30	52922.1754
52	25	5807403.041	3290.9535	67.379	1.86	946.371	31.96	00	52932.1509	30	52942.1312
	26	5809256.896	3292.9224	67.460	1.87	947.605	32.03	00	52952.1165	30	52962.1067
	27	5811110.757	3294.8928	67.541	1.87	948.841	32.10	00	52972.1018	30	52982.1017
	28	5812964.622	3296.8646	67.623	1.87	950.079	32.17	00	52992.1066	30	53002.1164
	29	5814818.493	3298.8380	67.704	1.88	951.320	32.24	00	53012.1311	30	53022.1508
52	30	5816672.369	3300.8129	67.786	1.88	952.563	32.31	00	53032.1753	30	53042.2048
	31	5818526.251	3302.7892	67.867	1.89	953.808	32.38	00	53052.2392	30	53062.2785
	32	5820380.137	3304.7671	67.949	1.89	955.055	32.46	00	53072.3228	30	53082.3720
	33	5822234.029	3306.7464	68.031	1.89	956.305	32.53	00	53092.4262	30	53102.4853
	34	5824087.926	3308.7273	68.114	1.90	957.557	32.60	00	53112.5493	30	53122.6183
52	35	5825941.828	3310.7096	68.196	1.90	958.811	32.67	00	53132.6923	30	53142.7712
	36	5827795.736	3312.6935	68.278	1.91	960.067	32.75	00	53152.8550	30	53162.9439
	37	5829649.649	3314.6788	68.361	1.91	961.326	32.82	00	53173.0377	30	53183.1364
	38	5831503.567	3316.6657	68.443	1.91	962.586	32.89	00	53193.2402	30	53203.3489
	39	5833357.490	3318.6541	68.526	1.92	963.849	32.96	00	53213.4626	30	53223.5813
52	40	5835211.419	3320.6440	68.609	1.92	965.115	33.04	00	53233.7050	30	53243.8336
	41	5837065.353	3322.6354	68.692	1.93	966.382	33.11	00	53253.9673	30	53264.1059
	42	5838919.292	3324.6283	68.776	1.93	967.652	33.18	00	53274.2496	30	53284.3982
	43	5840773.236	3326.6228	68.859	1.93	968.924	33.26	00	53294.5519	30	53304.7106
	44	5842627.186	3328.6187	68.943	1.94	970.199	33.33	00	53314.8742	30	53325.0429
52	45	5844481.140	3330.6162	69.026	1.94	971.476	33.41	00	53335.2167	30	53345.3954
	46	5846335.100	3332.6152	69.110	1.95	972.755	33.48	00	53355.5792	30	53365.7680
	47	5848189.066	3334.6158	69.194	1.95	974.036	33.56	00	53375.9618	30	53386.1607
	48	5850043.036	3336.6179	69.278	1.95	975.320	33.63	00	53396.3646	30	53406.5735
	49	5851897.012	3338.6215	69.362	1.96	976.606	33.71	00	53416.7875	30	53427.0066
52	50	5853750.993	3340.6266	69.447	1.96	977.894	33.78	00	53437.2307	30	53447.4598
	51	5855604.979	3342.6333	69.531	1.97	979.185	33.86	00	53457.6940	30	53467.9333
	52	5857458.971	3344.6415	69.616	1.97	980.478	33.93	00	53478.1777	30	53488.4271
	53	5859312.967	3346.6512	69.701	1.97	981.773	34.01	00	53498.6816	30	53508.9411
	54	5861166.969	3348.6625	69.786	1.98	983.071	34.09	00	53519.2058	30	53529.4755
52	55	5863020.976	3350.6754	69.871	1.98	984.371	34.16	00	53539.7503	30	53550.0302
	56	5864874.989	3352.6898	69.956	1.99	985.673	34.24	00	53560.3152	30	53570.6053
	57	5866729.006	3354.7057	70.042	1.99	986.978	34.32	00	53580.9005	30	53591.2008
	58	5868583.029	3356.7232	70.127	1.99	988.285	34.39	00	53601.5062	30	53611.8167
	59	5870437.057	3358.7422	70.213	2.00	989.594	34.47	00	53622.1323	30	53632.4531
53	00	5872291.091	3360.7628	70.299	2.00	990.906	34.55	00	53642.7789	30	53653.1099

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
53	0	5872291.091	3360.7628	70.299	2.00	990.906	34.55	00	53642.7789	30	53653.1099
	1	5874145.129	3362.7849	70.385	2.01	992.220	34.62	00	53663.4461	30	53673.7873
	2	5875999.173	3364.8087	70.471	2.01	993.537	34.70	00	53684.1337	30	53694.4852
	3	5877853.222	3366.8339	70.557	2.01	994.856	34.78	00	53704.8419	30	53715.2037
	4	5879707.276	3368.8608	70.643	2.02	996.177	34.86	00	53725.5706	30	53735.9427
53	5	5881561.335	3370.8892	70.730	2.02	997.501	34.94	00	53746.3200	30	53756.7024
	6	5883415.400	3372.9191	70.817	2.03	998.827	35.02	00	53767.0900	30	53777.4827
	7	5885269.470	3374.9507	70.903	2.03	1000.156	35.09	00	53787.8806	30	53798.2837
	8	5887123.545	3376.9838	70.990	2.04	1001.487	35.17	00	53808.6920	30	53819.1054
	9	5888977.626	3379.0185	71.078	2.04	1002.820	35.25	00	53829.5240	30	53839.9478
53	10	5890831.711	3381.0547	71.165	2.04	1004.156	35.33	00	53850.3768	30	53860.8110
	11	5892685.802	3383.0926	71.252	2.05	1005.494	35.41	00	53871.2504	30	53881.6950
	12	5894539.898	3385.1320	71.340	2.05	1006.835	35.49	00	53892.1447	30	53902.5997
	13	5896393.999	3387.1730	71.428	2.06	1008.178	35.57	00	53913.0599	30	53923.5254
	14	5898248.105	3389.2156	71.515	2.06	1009.524	35.65	00	53933.9960	30	53944.4718
53	15	5900102.217	3391.2598	71.603	2.07	1010.872	35.73	00	53954.9529	30	53965.4392
	16	5901956.334	3393.3055	71.692	2.07	1012.222	35.81	00	53975.9307	30	53986.4275
	17	5903810.456	3395.3529	71.780	2.07	1013.575	35.90	00	53996.9295	30	54007.4368
	18	5905664.583	3397.4018	71.868	2.08	1014.931	35.98	00	54017.9493	30	54028.4670
	19	5907518.716	3399.4524	71.957	2.08	1016.289	36.06	00	54038.9900	30	54049.5182
53	20	5909372.854	3401.5045	72.046	2.09	1017.649	36.14	00	54060.0517	30	54070.5905
	21	5911226.996	3403.5583	72.135	2.09	1019.012	36.22	00	54081.1346	30	54091.6839
	22	5913081.145	3405.6136	72.224	2.10	1020.377	36.30	00	54102.2384	30	54112.7983
	23	5914935.298	3407.6706	72.313	2.10	1021.745	36.39	00	54123.3634	30	54133.9339
	24	5916789.457	3409.7292	72.403	2.11	1023.116	36.47	00	54144.5096	30	54155.0906
53	25	5918643.620	3411.7893	72.492	2.11	1024.488	36.55	00	54165.6768	30	54176.2684
	26	5920497.789	3413.8511	72.582	2.11	1025.864	36.63	00	54186.8653	30	54197.4675
	27	5922351.963	3415.9145	72.672	2.12	1027.242	36.72	00	54208.0750	30	54218.6879
	28	5924206.143	3417.9796	72.762	2.12	1028.622	36.80	00	54229.3060	30	54239.9294
	29	5926060.327	3420.0462	72.852	2.13	1030.005	36.89	00	54250.5582	30	54261.1923
53	30	5927914.517	3422.1145	72.942	2.13	1031.391	36.97	00	54271.8318	30	54282.4765
	31	5929768.712	3424.1843	73.033	2.14	1032.779	37.05	00	54293.1266	30	54303.7821
	32	5931622.912	3426.2559	73.123	2.14	1034.170	37.14	00	54314.4429	30	54325.1090
	33	5933477.118	3428.3290	73.214	2.15	1035.563	37.22	00	54335.7805	30	54346.4573
	34	5935331.328	3430.4038	73.305	2.15	1036.959	37.31	00	54357.1396	30	54367.8271
53	35	5937185.544	3432.4802	73.396	2.15	1038.357	37.39	00	54378.5201	30	54389.2184
	36	5939039.765	3434.5582	73.487	2.16	1039.758	37.48	00	54399.9220	30	54410.6311
	37	5940893.991	3436.6379	73.579	2.16	1041.161	37.56	00	54421.3455	30	54432.0654
	38	5942748.223	3438.7192	73.670	2.17	1042.568	37.65	00	54442.7906	30	54453.5212
	39	5944602.459	3440.8021	73.762	2.17	1043.976	37.74	00	54464.2572	30	54474.9986
53	40	5946456.701	3442.8867	73.854	2.18	1045.388	37.82	00	54485.7454	30	54496.4976
	41	5948310.948	3444.9730	73.946	2.18	1046.801	37.91	00	54507.2552	30	54518.0182
	42	5950165.200	3447.0609	74.038	2.19	1048.218	38.00	00	54528.7866	30	54539.5605
	43	5952019.457	3449.1504	74.131	2.19	1049.637	38.08	00	54550.3398	30	54561.1245
	44	5953873.720	3451.2416	74.223	2.20	1051.059	38.17	00	54571.9147	30	54582.7103
53	45	5955727.988	3453.3345	74.316	2.20	1052.483	38.26	00	54593.5113	30	54604.3178
	46	5957582.261	3455.4290	74.409	2.21	1053.910	38.35	00	54615.1297	30	54625.9471
	47	5959436.539	3457.5252	74.502	2.21	1055.340	38.43	00	54636.7699	30	54647.5982
	48	5961290.822	3459.6230	74.595	2.21	1056.772	38.52	00	54658.4319	30	54669.2711
	49	5963145.110	3461.7225	74.688	2.22	1058.207	38.61	00	54680.1158	30	54690.9659
53	50	5964999.404	3463.8237	74.782	2.22	1059.645	38.70	00	54701.8216	30	54712.6827
	51	5966853.703	3465.9265	74.875	2.23	1061.085	38.79	00	54723.5493	30	54734.4214
	52	5968708.007	3468.0310	74.969	2.23	1062.528	38.88	00	54745.2989	30	54756.1820
	53	5970562.316	3470.1372	75.063	2.24	1063.973	38.97	00	54767.0706	30	54777.9646
	54	5972416.630	3472.2451	75.157	2.24	1065.422	39.06	00	54788.8642	30	54799.7693
53	55	5974270.950	3474.3546	75.252	2.25	1066.873	39.15	00	54810.6799	30	54821.5960
	56	5976125.275	3476.4658	75.346	2.25	1068.326	39.24	00	54832.5177	30	54843.4448
	57	5977979.605	3478.5787	75.441	2.26	1069.783	39.33	00	54854.3775	30	54865.3157
	58	5979833.940	3480.6933	75.536	2.26	1071.242	39.42	00	54876.2595	30	54887.2088
	59	5981688.280	3482.8096	75.631	2.27	1072.704	39.51	00	54898.1637	30	54909.1241
54	00	5983542.625	3484.9276	75.726	2.27	1074.168	39.60	00	54920.0900	30	54931.0615

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
54	0	5983542.625	3484.9276	75.726	2.27	1074.168	39.60	00	54920.0900	30	54931.0615
	1	5985396.976	3487.0473	75.821	2.28	1075.636	39.69	00	54942.0386	30	54953.0212
	2	5987251.332	3489.1686	75.917	2.28	1077.106	39.78	00	54964.0094	30	54975.0032
	3	5989105.693	3491.2917	76.012	2.29	1078.578	39.87	00	54986.0025	30	54997.0074
	4	5990960.059	3493.4164	76.108	2.29	1080.054	39.97	00	55008.0179	30	55019.0340
54	5	5992814.430	3495.5429	76.204	2.30	1081.532	40.06	00	55030.0557	30	55041.0830
	6	5994668.807	3497.6711	76.300	2.30	1083.013	40.15	00	55052.1159	30	55063.1543
	7	5996523.188	3499.8010	76.397	2.31	1084.497	40.25	00	55074.1984	30	55085.2481
	8	5998377.575	3501.9326	76.493	2.31	1085.983	40.34	00	55096.3034	30	55107.3643
	9	6000231.967	3504.0659	76.590	2.32	1087.473	40.43	00	55118.4309	30	55129.5030
54	10	6002086.364	3506.2009	76.686	2.32	1088.965	40.53	00	55140.5808	30	55151.6642
	11	6003940.767	3508.3376	76.783	2.33	1090.460	40.62	00	55162.7533	30	55173.8480
	12	6005795.174	3510.4761	76.881	2.33	1091.957	40.71	00	55184.9483	30	55196.0543
	13	6007649.587	3512.6163	76.978	2.34	1093.458	40.81	00	55207.1660	30	55218.2833
	14	6009504.005	3514.7582	77.075	2.34	1094.961	40.90	00	55229.4062	30	55240.5349
54	15	6011358.427	3516.9018	77.173	2.35	1096.467	41.00	00	55251.6692	30	55262.8091
	16	6013212.856	3519.0472	77.271	2.35	1097.976	41.09	00	55273.9548	30	55285.1061
	17	6015067.289	3521.1943	77.369	2.36	1099.488	41.19	00	55296.2631	30	55307.4258
	18	6016921.727	3523.3431	77.467	2.36	1101.002	41.29	00	55318.5942	30	55329.7682
	19	6018776.171	3525.4936	77.566	2.37	1102.520	41.38	00	55340.9480	30	55352.1335
54	20	6020630.620	3527.6460	77.664	2.37	1104.040	41.48	00	55363.3247	30	55374.5216
	21	6022485.074	3529.8000	77.763	2.38	1105.563	41.58	00	55385.7242	30	55396.9325
	22	6024339.533	3531.9558	77.862	2.38	1107.089	41.67	00	55408.1465	30	55419.3663
	23	6026193.997	3534.1133	77.961	2.39	1108.618	41.77	00	55430.5918	30	55441.8231
	24	6028048.466	3536.2726	78.060	2.39	1110.150	41.87	00	55453.0601	30	55464.3028
54	25	6029902.941	3538.4337	78.159	2.40	1111.685	41.97	00	55475.5512	30	55486.8055
	26	6031757.420	3540.5965	78.259	2.40	1113.222	42.06	00	55498.0654	30	55509.3312
	27	6033611.905	3542.7610	78.359	2.41	1114.763	42.16	00	55520.6027	30	55531.8799
	28	6035466.395	3544.9274	78.459	2.41	1116.306	42.26	00	55543.1630	30	55554.4518
	29	6037320.890	3547.0954	78.559	2.42	1117.852	42.36	00	55565.7463	30	55577.0467
54	30	6039175.390	3549.2653	78.659	2.42	1119.401	42.46	00	55588.3529	30	55599.6648
	31	6041029.896	3551.4369	78.760	2.43	1120.954	42.56	00	55610.9825	30	55622.3061
	32	6042884.406	3553.6103	78.860	2.43	1122.509	42.66	00	55633.6354	30	55644.9706
	33	6044738.922	3555.7855	78.961	2.44	1124.067	42.76	00	55656.3115	30	55667.6583
	34	6046593.443	3557.9624	79.062	2.45	1125.628	42.86	00	55679.0109	30	55690.3693
54	35	6048447.969	3560.1411	79.163	2.45	1127.191	42.96	00	55701.7335	30	55713.1036
	36	6050302.500	3562.3216	79.265	2.46	1128.758	43.06	00	55724.4795	30	55735.8612
	37	6052157.036	3564.5039	79.366	2.46	1130.328	43.16	00	55747.2488	30	55758.6423
	38	6054011.578	3566.6879	79.468	2.47	1131.901	43.26	00	55770.0415	30	55781.4467
	39	6055866.124	3568.8738	79.570	2.47	1133.477	43.36	00	55792.8577	30	55804.2745
54	40	6057720.676	3571.0614	79.672	2.48	1135.055	43.47	00	55815.6973	30	55827.1259
	41	6059575.232	3573.2508	79.774	2.48	1136.637	43.57	00	55838.5604	30	55850.0007
	42	6061429.794	3575.4421	79.877	2.49	1138.222	43.67	00	55861.4470	30	55872.8991
	43	6063284.361	3577.6351	79.980	2.49	1139.809	43.77	00	55884.3571	30	55895.8210
	44	6065138.934	3579.8299	80.082	2.50	1141.400	43.88	00	55907.2908	30	55918.7666
54	45	6066993.511	3582.0265	80.185	2.51	1142.994	43.98	00	55930.2482	30	55941.7357
	46	6068848.093	3584.2250	80.289	2.51	1144.591	44.08	00	55953.2292	30	55964.7286
	47	6070702.681	3586.4252	80.392	2.52	1146.191	44.19	00	55976.2339	30	55987.7451
	48	6072557.274	3588.6273	80.496	2.52	1147.794	44.29	00	55999.2623	30	56010.7854
	49	6074411.871	3590.8312	80.599	2.53	1149.399	44.40	00	56022.3145	30	56033.8495
54	50	6076266.474	3593.0369	80.703	2.53	1151.008	44.50	00	56045.3904	30	56056.9373
	51	6078121.082	3595.2444	80.807	2.54	1152.621	44.61	00	56068.4902	30	56080.0490
	52	6079975.696	3597.4537	80.912	2.54	1154.236	44.71	00	56091.6138	30	56103.1845
	53	6081830.314	3599.6648	81.016	2.55	1155.854	44.82	00	56114.7613	30	56126.3440
	54	6083684.937	3601.8778	81.121	2.56	1157.475	44.93	00	56137.9327	30	56149.5274
54	55	6085539.566	3604.0926	81.226	2.56	1159.100	45.03	00	56161.1280	30	56172.7347
	56	6087394.200	3606.3093	81.331	2.57	1160.727	45.14	00	56184.3474	30	56195.9661
	57	6089248.838	3608.5278	81.436	2.57	1162.358	45.25	00	56207.5908	30	56219.2215
	58	6091103.482	3610.7481	81.542	2.58	1163.991	45.35	00	56230.8582	30	56242.5009
	59	6092958.131	3612.9702	81.647	2.58	1165.628	45.46	00	56254.1497	30	56265.8045
55	00	6094812.786	3615.1942	81.753	2.59	1167.268	45.57	00	56277.4653	30	56289.1322

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
55	0	6094812.786	3615.1942	81.753	2.59	1167.268	45.57	00	56277.4653	30	56289.1322
	1	6096667.445	3617.4201	81.859	2.60	1168.911	45.68	00	56300.8051	30	56312.4841
	2	6098522.109	3619.6478	81.965	2.60	1170.558	45.79	00	56324.1691	30	56335.8602
	3	6100376.779	3621.8773	82.072	2.61	1172.207	45.89	00	56347.5573	30	56359.2605
	4	6102231.453	3624.1087	82.178	2.61	1173.860	46.00	00	56370.9697	30	56382.6851
55	5	6104086.133	3626.3420	82.285	2.62	1175.515	46.11	00	56394.4065	30	56406.1340
	6	6105940.818	3628.5771	82.392	2.62	1177.174	46.22	00	56417.8676	30	56429.6072
	7	6107795.508	3630.8141	82.499	2.63	1178.837	46.33	00	56441.3530	30	56453.1049
	8	6109650.203	3633.0529	82.607	2.64	1180.502	46.44	00	56464.8628	30	56476.6269
	9	6111504.903	3635.2937	82.714	2.64	1182.170	46.55	00	56488.3971	30	56500.1734
55	10	6113359.608	3637.5362	82.822	2.65	1183.842	46.67	00	56511.9558	30	56523.7444
	11	6115214.318	3639.7807	82.930	2.65	1185.517	46.78	00	56535.5390	30	56547.3398
	12	6117069.034	3642.0270	83.038	2.66	1187.195	46.89	00	56559.1468	30	56570.9599
	13	6118923.754	3644.2752	83.146	2.67	1188.877	47.00	00	56582.7791	30	56594.6045
	14	6120778.480	3646.5253	83.255	2.67	1190.561	47.11	00	56606.4360	30	56618.2737
55	15	6122633.211	3648.7773	83.364	2.68	1192.249	47.23	00	56630.1176	30	56641.9676
	16	6124487.947	3651.0312	83.473	2.68	1193.940	47.34	00	56653.8239	30	56665.6862
	17	6126342.688	3653.2869	83.582	2.69	1195.635	47.45	00	56677.5548	30	56689.4296
	18	6128197.434	3655.5446	83.691	2.70	1197.332	47.57	00	56701.3105	30	56713.1976
	19	6130052.185	3657.8041	83.801	2.70	1199.033	47.68	00	56725.0910	30	56736.9905
55	20	6131906.941	3660.0656	83.910	2.71	1200.737	47.80	00	56748.8962	30	56760.8082
	21	6133761.702	3662.3289	84.020	2.71	1202.445	47.91	00	56772.7264	30	56784.6508
	22	6135616.469	3664.5941	84.131	2.72	1204.156	48.02	00	56796.5814	30	56808.5183
	23	6137471.240	3666.8613	84.241	2.73	1205.870	48.14	00	56820.4613	30	56832.4107
	24	6139326.017	3669.1304	84.351	2.73	1207.587	48.26	00	56844.3662	30	56856.3281
55	25	6141180.798	3671.4013	84.462	2.74	1209.308	48.37	00	56868.2961	30	56880.2705
	26	6143035.585	3673.6742	84.573	2.74	1211.032	48.49	00	56892.2510	30	56904.2379
	27	6144890.377	3675.9490	84.684	2.75	1212.760	48.61	00	56916.2310	30	56928.2304
	28	6146745.174	3678.2257	84.796	2.76	1214.490	48.72	00	56940.2361	30	56952.2481
	29	6148599.976	3680.5044	84.907	2.76	1216.224	48.84	00	56964.2663	30	56976.2909
55	30	6150454.783	3682.7850	85.019	2.77	1217.962	48.96	00	56988.3217	30	57000.3588
	31	6152309.595	3685.0675	85.131	2.78	1219.703	49.08	00	57012.4023	30	57024.4520
	32	6154164.412	3687.3519	85.243	2.78	1221.447	49.19	00	57036.5081	30	57048.5705
	33	6156019.235	3689.6383	85.356	2.79	1223.195	49.31	00	57060.6392	30	57072.7143
	34	6157874.062	3691.9266	85.468	2.79	1224.946	49.43	00	57084.7957	30	57096.8834
55	35	6159728.895	3694.2168	85.581	2.80	1226.700	49.55	00	57108.9774	30	57121.0778
	36	6161583.732	3696.5090	85.694	2.81	1228.458	49.67	00	57133.1846	30	57145.2977
	37	6163438.575	3698.8032	85.807	2.81	1230.219	49.79	00	57157.4172	30	57169.5430
	38	6165293.423	3701.0992	85.921	2.82	1231.984	49.91	00	57181.6753	30	57193.8138
	39	6167148.275	3703.3973	86.034	2.83	1233.752	50.03	00	57205.9588	30	57218.1102
55	40	6169003.133	3705.6973	86.148	2.83	1235.524	50.15	00	57230.2679	30	57242.4320
	41	6170857.996	3707.9992	86.262	2.84	1237.299	50.28	00	57254.6026	30	57266.7795
	42	6172712.864	3710.3031	86.376	2.84	1239.078	50.40	00	57278.9628	30	57291.1526
	43	6174567.737	3712.6090	86.491	2.85	1240.860	50.52	00	57303.3487	30	57315.5513
	44	6176422.615	3714.9168	86.605	2.86	1242.645	50.64	00	57327.7603	30	57339.9758
55	45	6178277.498	3717.2267	86.720	2.86	1244.434	50.76	00	57352.1976	30	57364.4260
	46	6180132.387	3719.5384	86.835	2.87	1246.227	50.89	00	57376.6607	30	57388.9019
	47	6181987.280	3721.8522	86.951	2.88	1248.023	51.01	00	57401.1496	30	57413.4037
	48	6183842.178	3724.1679	87.066	2.88	1249.822	51.14	00	57425.6643	30	57437.9313
	49	6185697.082	3726.4856	87.182	2.89	1251.625	51.26	00	57450.2048	30	57462.4848
55	50	6187551.990	3728.8053	87.298	2.90	1253.432	51.39	00	57474.7713	30	57487.0643
	51	6189406.904	3731.1270	87.414	2.90	1255.242	51.51	00	57499.3637	30	57511.6697
	52	6191261.823	3733.4507	87.531	2.91	1257.055	51.64	00	57523.9821	30	57536.3011
	53	6193116.746	3735.7764	87.647	2.92	1258.873	51.76	00	57548.6265	30	57560.9585
	54	6194971.675	3738.1040	87.764	2.92	1260.693	51.89	00	57573.2970	30	57585.6420
55	55	6196826.609	3740.4337	87.881	2.93	1262.518	52.01	00	57597.9935	30	57610.3516
	56	6198681.548	3742.7654	87.998	2.94	1264.346	52.14	00	57622.7162	30	57635.0874
	57	6200536.491	3745.0990	88.116	2.94	1266.177	52.27	00	57647.4651	30	57659.8494
	58	6202391.440	3747.4347	88.234	2.95	1268.012	52.40	00	57672.2402	30	57684.6375
	59	6204246.394	3749.7724	88.352	2.96	1269.851	52.52	00	57697.0415	30	57709.4520
56	00	6206101.353	3752.1121	88.470	2.96	1271.693	52.65	00	57721.8691	30	57734.2928

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
56	0	6206101.353	3752.1121	88.470	2.96	1271.693	52.65	00	57721.8691	30	57734.2928
	1	6207956.318	3754.4538	88.588	2.97	1273.539	52.78	00	57746.7230	30	57759.1598
	2	6209811.287	3756.7976	88.707	2.98	1275.389	52.91	00	57771.6033	30	57784.0533
	3	6211666.261	3759.1433	88.825	2.98	1277.242	53.04	00	57796.5100	30	57808.9732
	4	6213521.240	3761.4911	88.944	2.99	1279.099	53.17	00	57821.4431	30	57833.9196
56	5	6215376.224	3763.8409	89.064	3.00	1280.960	53.30	00	57846.4027	30	57858.8924
	6	6217231.214	3766.1928	89.183	3.01	1282.824	53.43	00	57871.3888	30	57883.8918
	7	6219086.208	3768.5467	89.303	3.01	1284.692	53.56	00	57896.4014	30	57908.9177
	8	6220941.207	3770.9026	89.423	3.02	1286.564	53.70	00	57921.4407	30	57933.9703
	9	6222796.212	3773.2606	89.543	3.03	1288.439	53.83	00	57946.5066	30	57959.0495
56	10	6224651.221	3775.6206	89.663	3.03	1290.318	53.96	00	57971.5991	30	57984.1554
	11	6226506.236	3777.9826	89.784	3.04	1292.201	54.09	00	57996.7184	30	58009.2881
	12	6228361.255	3780.3467	89.905	3.05	1294.087	54.23	00	58021.8644	30	58034.4475
	13	6230216.280	3782.7129	90.026	3.05	1295.977	54.36	00	58047.0372	30	58059.6337
	14	6232071.309	3785.0811	90.147	3.06	1297.871	54.49	00	58072.2368	30	58084.8467
56	15	6233926.344	3787.4514	90.269	3.07	1299.769	54.63	00	58097.4633	30	58110.0866
	16	6235781.384	3789.8237	90.390	3.08	1301.671	54.76	00	58122.7167	30	58135.3535
	17	6237636.428	3792.1981	90.512	3.08	1303.576	54.90	00	58147.9970	30	58160.6473
	18	6239491.478	3794.5746	90.634	3.09	1305.485	55.03	00	58173.3044	30	58185.9681
	19	6241346.533	3796.9531	90.757	3.10	1307.398	55.17	00	58198.6387	30	58211.3160
56	20	6243201.592	3799.3337	90.879	3.10	1309.314	55.30	00	58224.0001	30	58236.6910
	21	6245056.657	3801.7164	91.002	3.11	1311.235	55.44	00	58249.3886	30	58262.0930
	22	6246911.727	3804.1012	91.125	3.12	1313.159	55.58	00	58274.8043	30	58287.5223
	23	6248766.802	3806.4881	91.249	3.13	1315.087	55.72	00	58300.2471	30	58312.9787
	24	6250621.882	3808.8770	91.372	3.13	1317.019	55.85	00	58325.7172	30	58338.4624
56	25	6252476.967	3811.2681	91.496	3.14	1318.955	55.99	00	58351.2145	30	58363.9734
	26	6254332.056	3813.6612	91.620	3.15	1320.895	56.13	00	58376.7391	30	58389.5117
	27	6256187.151	3816.0565	91.745	3.15	1322.838	56.27	00	58402.2911	30	58415.0773
	28	6258042.251	3818.4538	91.869	3.16	1324.786	56.41	00	58427.8704	30	58440.6704
	29	6259897.356	3820.8532	91.994	3.17	1326.737	56.55	00	58453.4772	30	58466.2909
56	30	6261752.466	3823.2548	92.119	3.18	1328.692	56.69	00	58479.1114	30	58491.9389
	31	6263607.581	3825.6584	92.244	3.18	1330.651	56.83	00	58504.7732	30	58517.6144
	32	6265462.701	3828.0642	92.370	3.19	1332.614	56.97	00	58530.4625	30	58543.3174
	33	6267317.826	3830.4721	92.495	3.20	1334.581	57.11	00	58556.1793	30	58569.0481
	34	6269172.956	3832.8821	92.621	3.21	1336.552	57.26	00	58581.9238	30	58594.8065
56	35	6271028.091	3835.2942	92.747	3.21	1338.527	57.40	00	58607.6960	30	58620.5925
	36	6272883.231	3837.7084	92.874	3.22	1340.506	57.54	00	58633.4959	30	58646.4062
	37	6274738.376	3840.1248	93.000	3.23	1342.488	57.69	00	58659.3235	30	58672.2477
	38	6276593.526	3842.5433	93.127	3.24	1344.475	57.83	00	58685.1789	30	58698.1171
	39	6278448.681	3844.9640	93.255	3.24	1346.466	57.97	00	58711.0622	30	58724.0143
56	40	6280303.841	3847.3868	93.382	3.25	1348.460	58.12	00	58736.9733	30	58749.9393
	41	6282159.006	3849.8117	93.510	3.26	1350.459	58.26	00	58762.9124	30	58775.8924
	42	6284014.176	3852.2388	93.637	3.27	1352.462	58.41	00	58788.8794	30	58801.8734
	43	6285869.351	3854.6680	93.766	3.27	1354.469	58.55	00	58814.8744	30	58827.8824
	44	6287724.531	3857.0994	93.894	3.28	1356.479	58.70	00	58840.8974	30	58853.9194
56	45	6289579.716	3859.5329	94.023	3.29	1358.494	58.85	00	58866.9485	30	58879.9846
	46	6291434.906	3861.9686	94.151	3.30	1360.513	59.00	00	58893.0278	30	58906.0779
	47	6293290.101	3864.4065	94.281	3.31	1362.536	59.14	00	58919.1352	30	58932.1994
	48	6295145.301	3866.8465	94.410	3.31	1364.563	59.29	00	58945.2708	30	58958.3492
	49	6297000.506	3869.2887	94.539	3.32	1366.594	59.44	00	58971.4346	30	58984.5272
56	50	6298855.716	3871.7330	94.669	3.33	1368.629	59.59	00	58997.6268	30	59010.7335
	51	6300710.931	3874.1796	94.799	3.34	1370.669	59.74	00	59023.8473	30	59036.9682
	52	6302566.150	3876.6283	94.930	3.34	1372.712	59.89	00	59050.0962	30	59063.2312
	53	6304421.375	3879.0792	95.060	3.35	1374.760	60.04	00	59076.3734	30	59089.5228
	54	6306276.605	3881.5322	95.191	3.36	1376.811	60.19	00	59102.6792	30	59115.8427
56	55	6308131.840	3883.9875	95.322	3.37	1378.867	60.34	00	59129.0134	30	59142.1913
	56	6309987.080	3886.4450	95.454	3.38	1380.927	60.49	00	59155.3762	30	59168.5683
	57	6311842.325	3888.9046	95.585	3.38	1382.992	60.65	00	59181.7676	30	59194.9740
	58	6313697.574	3891.3665	95.717	3.39	1385.060	60.80	00	59208.1876	30	59221.4084
	59	6315552.829	3893.8305	95.849	3.40	1387.132	60.95	00	59234.6363	30	59247.8714
57	00	6317408.089	3896.2968	95.982	3.41	1389.209	61.11	00	59261.1137	30	59274.3632

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
57	0	6317408.089	3896.2968	95.982	3.41	1389.209	61.11	00	59261.1137	30	59274.3632
	1	6319263.354	3898.7653	96.114	3.42	1391.290	61.26	00	59287.6199	30	59300.8838
	2	6321118.623	3901.2359	96.247	3.42	1393.375	61.41	00	59314.1549	30	59327.4332
	3	6322973.898	3903.7088	96.380	3.43	1395.465	61.57	00	59340.7187	30	59354.0114
	4	6324829.178	3906.1839	96.514	3.44	1397.558	61.72	00	59367.3114	30	59380.6186
57	5	6326684.462	3908.6613	96.647	3.45	1399.656	61.88	00	59393.9331	30	59407.2548
	6	6328539.752	3911.1408	96.781	3.46	1401.759	62.04	00	59420.5837	30	59433.9199
	7	6330395.046	3913.6226	96.915	3.47	1403.865	62.19	00	59447.2633	30	59460.6141
	8	6332250.346	3916.1067	97.050	3.47	1405.976	62.35	00	59473.9720	30	59487.3373
	9	6334105.650	3918.5929	97.185	3.48	1408.091	62.51	00	59500.7099	30	59514.0897
57	10	6335960.960	3921.0814	97.320	3.49	1410.210	62.67	00	59527.4768	30	59540.8713
	11	6337816.274	3923.5722	97.455	3.50	1412.334	62.83	00	59554.2730	30	59567.6821
	12	6339671.594	3926.0652	97.590	3.51	1414.462	62.99	00	59581.0984	30	59594.5221
	13	6341526.918	3928.5604	97.726	3.52	1416.594	63.15	00	59607.9531	30	59621.3915
	14	6343382.247	3931.0579	97.862	3.52	1418.731	63.31	00	59634.8371	30	59648.2902
57	15	6345237.581	3933.5577	97.998	3.53	1420.872	63.47	00	59661.7505	30	59675.2183
	16	6347092.920	3936.0597	98.135	3.54	1423.017	63.63	00	59688.6934	30	59702.1758
	17	6348948.265	3938.5639	98.272	3.55	1425.167	63.79	00	59715.6656	30	59729.1628
	18	6350803.614	3941.0705	98.409	3.56	1427.322	63.95	00	59742.6674	30	59756.1794
	19	6352658.968	3943.5793	98.546	3.57	1429.480	64.12	00	59769.6988	30	59783.2255
57	20	6354514.327	3946.0904	98.684	3.58	1431.643	64.28	00	59796.7597	30	59810.3013
	21	6356369.691	3948.6038	98.821	3.58	1433.811	64.44	00	59823.8503	30	59837.4067
	22	6358225.060	3951.1194	98.960	3.59	1435.983	64.61	00	59850.9705	30	59864.5418
	23	6360080.433	3953.6373	99.098	3.60	1438.159	64.77	00	59878.1205	30	59891.7067
	24	6361935.812	3955.1576	99.237	3.61	1440.340	64.94	00	59905.3003	30	59918.9014
57	25	6363791.196	3958.6801	99.376	3.62	1442.525	65.10	00	59932.5099	30	59946.1259
	26	6365646.584	3961.2049	99.515	3.63	1444.715	65.27	00	59959.7494	30	59973.3803
	27	6367501.978	3963.7320	99.654	3.64	1446.909	65.44	00	59987.0188	30	60000.6647
	28	6369357.377	3966.2614	99.794	3.64	1449.108	65.60	00	60014.3181	30	60027.9790
	29	6371212.780	3968.7931	99.934	3.65	1451.312	65.77	00	60041.6474	30	60055.3234
57	30	6373068.189	3971.3272	100.075	3.66	1453.519	65.94	00	60069.0068	30	60082.6978
	31	6374923.602	3973.8635	100.215	3.67	1455.732	66.11	00	60096.3963	30	60110.1023
	32	6376779.020	3976.4022	100.356	3.68	1457.949	66.28	00	60123.8159	30	60137.5371
	33	6378634.443	3978.9431	100.497	3.69	1460.170	66.45	00	60151.2657	30	60165.0020
	34	6380489.871	3981.4865	100.639	3.70	1462.396	66.62	00	60178.7458	30	60192.4972
57	35	6382345.305	3984.0321	100.780	3.71	1464.627	66.79	00	60206.2561	30	60220.0226
	36	6384200.743	3986.5801	100.922	3.72	1466.863	66.96	00	60233.7968	30	60247.5785
	37	6386056.186	3989.1304	101.065	3.72	1469.103	67.13	00	60261.3678	30	60275.1647
	38	6387911.633	3991.6830	101.207	3.73	1471.347	67.31	00	60288.9692	30	60302.7814
	39	6389767.086	3994.2380	101.350	3.74	1473.596	67.48	00	60316.6011	30	60330.4285
57	40	6391622.544	3996.7953	101.493	3.75	1475.850	67.65	00	60344.2636	30	60358.1062
	41	6393478.006	3999.3550	101.636	3.76	1478.109	67.83	00	60371.9565	30	60385.8145
	42	6395333.474	4001.9170	101.780	3.77	1480.372	68.00	00	60399.6801	30	60413.5534
	43	6397188.946	4004.4814	101.924	3.78	1482.640	68.18	00	60427.4344	30	60441.3230
	44	6399044.424	4007.0482	102.068	3.79	1484.912	68.35	00	60455.2193	30	60469.1233
57	45	6400899.906	4009.6173	102.213	3.80	1487.190	68.53	00	60483.0350	30	60496.9544
	46	6402755.393	4012.1888	102.358	3.81	1489.472	68.71	00	60510.8815	30	60524.8163
	47	6404610.886	4014.7626	102.503	3.82	1491.759	68.88	00	60538.7588	30	60552.7091
	48	6406466.383	4017.3389	102.648	3.83	1494.050	69.06	00	60566.6670	30	60580.6327
	49	6408321.885	4019.9175	102.794	3.83	1496.346	69.24	00	60594.6062	30	60608.5874
57	50	6410177.391	4022.4985	102.940	3.84	1498.647	69.42	00	60622.5763	30	60636.5730
	51	6412032.903	4025.0819	103.086	3.85	1500.953	69.60	00	60650.5775	30	60664.5897
	52	6413888.420	4027.6677	103.233	3.86	1503.264	69.78	00	60678.6097	30	60692.6375
	53	6415743.941	4030.2558	103.379	3.87	1505.579	69.96	00	60706.6731	30	60720.7165
	54	6417599.468	4032.8464	103.526	3.88	1507.900	70.14	00	60734.7677	30	60748.8266
57	55	6419454.999	4035.4394	103.674	3.89	1510.225	70.32	00	60762.8934	30	60776.9681
	56	6421310.536	4038.0348	103.822	3.90	1512.555	70.51	00	60791.0505	30	60805.1408
	57	6423166.077	4040.6326	103.970	3.91	1514.890	70.69	00	60819.2389	30	60833.3448
	58	6425021.623	4043.2328	104.118	3.92	1517.229	70.87	00	60847.4586	30	60861.5802
	59	6426877.174	4045.8354	104.267	3.93	1519.574	71.06	00	60875.7098	30	60889.8471
58	00	6428732.730	4048.4404	104.415	3.94	1521.923	71.24	00	60903.9924	30	60918.1455

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
58	0	6428732.730	4048.4404	104.415	3.94	1521.923	71.24	00	60903.9924	30	60918.1455
	1	6430588.291	4051.0479	104.565	3.95	1524.278	71.43	00	60932.3065	30	60946.4754
	2	6432443.856	4053.6578	104.714	3.96	1526.637	71.61	00	60960.6522	30	60974.8369
	3	6434299.427	4056.2701	104.864	3.97	1529.001	71.80	00	60989.0295	30	61003.2301
	4	6436155.002	4058.8849	105.014	3.98	1531.370	71.99	00	61017.4385	30	61031.6549
58	5	6438010.583	4061.5021	105.164	3.99	1533.745	72.17	00	61045.8792	30	61060.1115
	6	6439866.168	4064.1218	105.315	4.00	1536.124	72.36	00	61074.3517	30	61088.5998
	7	6441721.758	4065.7439	105.466	4.01	1538.508	72.55	00	61102.8559	30	61117.1200
	8	6443577.353	4069.3684	105.617	4.02	1540.897	72.74	00	61131.3921	30	61145.6721
	9	6445432.953	4071.9954	105.769	4.03	1543.291	72.93	00	61159.9601	30	61174.2561
58	10	6447288.558	4074.6249	105.921	4.04	1545.690	73.12	00	61188.5601	30	61202.8721
	11	6449144.167	4077.2569	106.073	4.05	1548.095	73.31	00	61217.1921	30	61231.5201
	12	6450999.782	4079.8913	106.226	4.06	1550.504	73.50	00	61245.8561	30	61260.2002
	13	6452855.401	4082.5281	106.378	4.07	1552.918	73.70	00	61274.5523	30	61288.9124
	14	6454711.026	4085.1675	106.532	4.08	1555.338	73.89	00	61303.2806	30	61317.6569
58	15	6456566.655	4087.8093	106.685	4.09	1557.762	74.08	00	61332.0412	30	61346.4335
	16	6458422.289	4090.4536	106.839	4.10	1560.192	74.28	00	61360.8340	30	61375.2425
	17	6460277.928	4093.1004	106.993	4.11	1562.627	74.47	00	61389.6591	30	61404.0837
	18	6462133.572	4095.7497	107.147	4.12	1565.067	74.67	00	61418.5165	30	61432.9574
	19	6463989.220	4098.4015	107.302	4.13	1567.512	74.86	00	61447.4064	30	61461.8635
58	20	6465844.874	4101.0558	107.457	4.14	1569.962	75.06	00	61476.3287	30	61490.8021
	21	6467700.532	4103.7126	107.612	4.15	1572.417	75.26	00	61505.2836	30	61519.7732
	22	6469556.196	4106.3719	107.768	4.16	1574.878	75.46	00	61534.2710	30	61548.7769
	23	6471411.864	4109.0337	107.924	4.17	1577.343	75.66	00	61563.2910	30	61577.8133
	24	6473267.537	4111.6981	108.080	4.18	1579.814	75.85	00	61592.3437	30	61606.8823
58	25	6475123.215	4114.3649	108.237	4.19	1582.291	76.05	00	61621.4291	30	61635.9841
	26	6476978.897	4117.0343	108.393	4.20	1584.772	76.26	00	61650.5473	30	61665.1187
	27	6478834.585	4119.7062	108.551	4.21	1587.259	76.46	00	61679.6983	30	61694.2861
	28	6480690.277	4122.3806	108.708	4.22	1589.751	76.66	00	61708.8822	30	61723.4864
	29	6482545.975	4125.0576	108.866	4.23	1592.248	76.86	00	61738.0990	30	61752.7197
58	30	6484401.677	4127.7371	109.024	4.24	1594.751	77.06	00	61767.3487	30	61781.9860
	31	6486257.384	4130.4192	109.183	4.25	1597.259	77.27	00	61796.6315	30	61811.2853
	32	6488113.096	4133.1038	109.341	4.26	1599.772	77.47	00	61825.9474	30	61840.6178
	33	6489968.812	4135.7909	109.501	4.28	1602.290	77.68	00	61855.2964	30	61869.9833
	34	6491824.534	4138.4806	109.660	4.29	1604.814	77.88	00	61884.6786	30	61899.3821
58	35	6493680.260	4141.1729	109.820	4.30	1607.344	78.09	00	61914.0940	30	61928.8142
	36	6495535.991	4143.8678	109.980	4.31	1609.878	78.30	00	61943.5427	30	61958.2796
	37	6497391.728	4146.5652	110.140	4.32	1612.418	78.50	00	61973.0248	30	61987.7783
	38	6499247.469	4149.2651	110.301	4.33	1614.964	78.71	00	62002.5402	30	62017.3105
	39	6501103.214	4151.9677	110.462	4.34	1617.515	78.92	00	62032.0891	30	62046.8761
58	40	6502958.965	4154.6728	110.624	4.35	1620.071	79.13	00	62061.6715	30	62076.4753
	41	6504814.720	4157.3806	110.785	4.36	1622.633	79.34	00	62091.2875	30	62106.1080
	42	6506670.481	4160.0909	110.947	4.37	1625.200	79.55	00	62120.9370	30	62135.7744
	43	6508526.246	4162.8038	111.110	4.38	1627.773	79.76	00	62150.6202	30	62165.4745
	44	6510382.016	4165.5193	111.273	4.39	1630.351	79.98	00	62180.3371	30	62195.2083
58	45	6512237.791	4168.2374	111.436	4.41	1632.935	80.19	00	62210.0878	30	62224.9759
	46	6514093.570	4170.9581	111.599	4.42	1635.524	80.40	00	62239.8723	30	62254.7773
	47	6515949.355	4173.6814	111.763	4.43	1638.119	80.62	00	62269.6907	30	62284.6126
	48	6517805.144	4175.4074	111.927	4.44	1640.720	80.83	00	62299.5430	30	62314.4819
	49	6519660.938	4179.1359	112.091	4.45	1643.326	81.05	00	62329.4293	30	62344.3852
58	50	6521516.737	4181.8671	112.256	4.46	1645.937	81.26	00	62359.3497	30	62374.3226
	51	6523372.541	4184.6009	112.421	4.47	1648.554	81.48	00	62389.3041	30	62404.2941
	52	6525228.349	4187.3374	112.587	4.48	1651.177	81.70	00	62419.2926	30	62434.2997
	53	6527084.163	4190.0764	112.752	4.50	1653.806	81.92	00	62449.3154	30	62464.3396
	54	6528939.981	4192.8182	112.918	4.51	1656.440	82.14	00	62479.3724	30	62494.4138
58	55	6530795.804	4195.5625	113.085	4.52	1659.080	82.36	00	62509.4637	30	62524.5223
	56	6532651.632	4198.3095	113.252	4.53	1661.725	82.58	00	62539.5894	30	62554.6651
	57	6534507.465	4201.0592	113.419	4.54	1664.376	82.80	00	62569.7495	30	62584.8425
	58	6536363.302	4203.8115	113.586	4.55	1667.033	83.02	00	62599.9441	30	62615.0543
	59	6538219.144	4206.5665	113.754	4.56	1669.696	83.24	00	62630.1732	30	62645.3007
59	00	6540074.992	4209.3242	113.922	4.58	1672.364	83.47	00	62660.4368	30	62675.5817

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
59	0	6540074.992	4209.3242	113.922	4.58	1672.364	83.47	00	62660.4368	30	62675.5817
	1	6541930.843	4212.0845	114.091	4.59	1675.038	83.69	00	62690.7352	30	62705.8973
	2	6543786.700	4214.8475	114.260	4.60	1677.718	83.92	00	62721.0682	30	62736.2477
	3	6545642.562	4217.6132	114.429	4.61	1680.403	84.14	00	62751.4359	30	62766.6329
	4	6547498.428	4220.3815	114.599	4.62	1683.095	84.37	00	62781.8385	30	62797.0528
59	5	6549354.299	4223.1526	114.768	4.64	1685.792	84.60	00	62812.2759	30	62827.5077
	6	6551210.175	4225.9263	114.939	4.65	1688.495	84.82	00	62842.7483	30	62857.9975
	7	6553066.056	4228.7028	115.109	4.66	1691.204	85.05	00	62873.2556	30	62888.5224
	8	6554921.942	4231.4819	115.280	4.67	1693.919	85.28	00	62903.7979	30	62919.0823
	9	6556777.832	4234.2638	115.452	4.68	1696.640	85.51	00	62934.3754	30	62949.6772
59	10	6558633.727	4237.0483	115.623	4.69	1699.366	85.74	00	62964.9879	30	62980.3074
	11	6560489.627	4239.8356	115.795	4.71	1702.099	85.97	00	62995.6357	30	63010.9728
	12	6562345.532	4242.6256	115.968	4.72	1704.837	86.21	00	63026.3187	30	63041.6735
	13	6564201.441	4245.4183	116.141	4.73	1707.581	86.44	00	63057.0371	30	63072.4095
	14	6566057.356	4248.2137	116.314	4.74	1710.332	86.67	00	63087.7908	30	63103.1809
59	15	6567913.275	4251.0119	116.487	4.76	1713.088	86.91	00	63118.5799	30	63133.9878
	16	6569769.199	4253.8128	116.661	4.77	1715.850	87.14	00	63149.4045	30	63164.8301
	17	6571625.127	4255.6165	116.835	4.78	1718.619	87.38	00	63180.2647	30	63195.7081
	18	6573481.061	4259.4229	117.010	4.79	1721.393	87.62	00	63211.1604	30	63226.6217
	19	6575336.999	4262.2320	117.185	4.80	1724.173	87.85	00	63242.0918	30	63257.5709
59	20	6577192.942	4265.0440	117.360	4.82	1726.960	88.09	00	63273.0590	30	63288.5559
	21	6579048.890	4267.8586	117.536	4.83	1729.752	88.33	00	63304.0619	30	63319.5767
	22	6580904.843	4270.6761	117.712	4.84	1732.551	88.57	00	63335.1006	30	63350.6334
	23	6582760.800	4273.4963	117.888	4.85	1735.356	88.81	00	63366.1752	30	63381.7260
	24	6584616.762	4276.3192	118.065	4.87	1738.167	89.06	00	63397.2857	30	63412.8545
59	25	6586472.729	4279.1450	118.242	4.88	1740.984	89.30	00	63428.4323	30	63444.0191
	26	6588328.701	4281.9735	118.420	4.89	1743.807	89.54	00	63459.6149	30	63475.2198
	27	6590184.677	4284.8048	118.598	4.90	1746.636	89.78	00	63490.8337	30	63506.4566
	28	6592040.659	4287.6390	118.776	4.92	1749.472	90.03	00	63522.0886	30	63537.7296
	29	6593896.645	4290.4759	118.955	4.93	1752.313	90.28	00	63553.3798	30	63569.0390
59	30	6595752.635	4293.3156	119.134	4.94	1755.161	90.52	00	63584.7072	30	63600.3846
	31	6597608.631	4296.1581	119.313	4.96	1758.015	90.77	00	63616.0710	30	63631.7666
	32	6599464.631	4299.0034	119.493	4.97	1760.876	91.02	00	63647.4713	30	63663.1851
	33	6601320.636	4301.8516	119.673	4.98	1763.743	91.27	00	63678.9080	30	63694.6400
	34	6603176.646	4304.7025	119.854	4.99	1766.616	91.52	00	63710.3812	30	63726.1316
59	35	6605032.661	4307.5563	120.035	5.01	1769.495	91.77	00	63741.8911	30	63757.6597
	36	6606888.680	4310.4129	120.216	5.02	1772.381	92.02	00	63773.4375	30	63789.2246
	37	6608744.704	4313.2724	120.398	5.03	1775.273	92.27	00	63805.0208	30	63820.8261
	38	6610600.733	4316.1347	120.580	5.05	1778.171	92.52	00	63836.6407	30	63852.4645
	39	6612456.767	4318.9998	120.762	5.06	1781.076	92.78	00	63868.2975	30	63884.1398
59	40	6614312.805	4321.8678	120.945	5.07	1783.987	93.03	00	63899.9913	30	63915.8520
	41	6616168.848	4324.7386	121.128	5.09	1786.905	93.29	00	63931.7219	30	63947.6011
	42	6618024.896	4327.6123	121.312	5.10	1789.829	93.54	00	63963.4896	30	63979.3873
	43	6619880.949	4330.4889	121.496	5.11	1792.759	93.80	00	63995.2944	30	64011.2107
	44	6621737.006	4333.3683	121.680	5.13	1795.696	94.06	00	64027.1362	30	64043.0711
59	45	6623593.068	4336.2506	121.865	5.14	1798.639	94.32	00	64059.0153	30	64074.9688
	46	6625449.135	4339.1358	122.050	5.15	1801.589	94.58	00	64090.9317	30	64106.9038
	47	6627305.207	4342.0238	122.236	5.17	1804.546	94.84	00	64122.8854	30	64138.8762
	48	6629161.283	4344.9147	122.422	5.18	1807.509	95.10	00	64154.8764	30	64170.8860
	49	6631017.364	4347.8086	122.608	5.19	1810.478	95.36	00	64186.9049	30	64202.9332
59	50	6632873.450	4350.7053	122.795	5.21	1813.455	95.62	00	64218.9709	30	64235.0180
	51	6634729.540	4353.6049	122.982	5.22	1816.437	95.89	00	64251.0745	30	64267.1404
	52	6636585.636	4356.5075	123.170	5.23	1819.427	96.15	00	64283.2157	30	64299.3004
	53	6638441.736	4359.4129	123.358	5.25	1822.423	96.42	00	64315.3945	30	64331.4981
	54	6640297.840	4362.3212	123.546	5.26	1825.425	96.69	00	64347.6112	30	64363.7337
59	55	6642153.950	4365.2325	123.735	5.28	1828.435	96.95	00	64379.8656	30	64396.0071
	56	6644010.064	4368.1467	123.924	5.29	1831.451	97.22	00	64412.1580	30	64428.3183
	57	6645866.183	4371.0639	124.114	5.30	1834.473	97.49	00	64444.4882	30	64460.6676
	58	6647722.307	4373.9839	124.304	5.32	1837.503	97.76	00	64476.8565	30	64493.0549
	59	6649578.435	4376.9069	124.494	5.33	1840.539	98.03	00	64509.2628	30	64525.4803
60	00	6651434.568	4379.8329	124.685	5.35	1843.582	98.30	00	64541.7073	30	64557.9439

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
60	0	6651434.568	4379.8329	124.685	5.35	1843.582	98.30	00	64541.7073	30	64557.9439
	1	6653290.706	4382.7618	124.876	5.36	1846.631	98.58	00	64574.1900	30	64590.4456
	2	6655146.848	4385.6936	125.068	5.37	1849.688	98.85	00	64606.7109	30	64622.9857
	3	6657002.996	4388.6285	125.260	5.39	1852.751	99.13	00	64639.2701	30	64655.5641
	4	6658859.147	4391.5662	125.452	5.40	1855.821	99.40	00	64671.8677	30	64688.1810
60	5	6660715.304	4394.5070	125.645	5.42	1858.899	99.68	00	64704.5038	30	64720.8363
	6	6662571.466	4397.4507	125.838	5.43	1861.982	99.96	00	64737.1784	30	64753.5301
	7	6664427.632	4400.3974	126.032	5.45	1865.073	100.23	00	64769.8915	30	64786.2626
	8	6666283.802	4403.3471	126.226	5.46	1868.171	100.51	00	64802.6433	30	64819.0337
	9	6668139.978	4406.2998	126.421	5.48	1871.276	100.79	00	64835.4338	30	64851.8436
60	10	6669996.158	4409.2555	126.615	5.49	1874.387	101.08	00	64868.2630	30	64884.6922
	11	6671852.343	4412.2141	126.811	5.50	1877.506	101.36	00	64901.1311	30	64917.5798
	12	6673708.533	4415.1758	127.007	5.52	1880.631	101.64	00	64934.0381	30	64950.5062
	13	6675564.727	4418.1405	127.203	5.53	1883.764	101.93	00	64966.9841	30	64983.4717
	14	6677420.926	4421.1082	127.399	5.55	1886.903	102.21	00	64999.9690	30	65016.4762
60	15	6679277.130	4424.0790	127.597	5.56	1890.050	102.50	00	65032.9931	30	65049.5198
	16	6681133.338	4427.0527	127.794	5.58	1893.204	102.78	00	65066.0563	30	65082.6026
	17	6682989.551	4430.0295	127.992	5.59	1896.365	103.07	00	65099.1587	30	65115.7247
	18	6684845.769	4433.0093	128.190	5.61	1899.533	103.36	00	65132.3005	30	65148.8861
	19	6686701.991	4435.9922	128.389	5.62	1902.708	103.65	00	65165.4816	30	65182.0869
60	20	6688558.219	4438.9781	128.588	5.64	1905.890	103.94	00	65198.7021	30	65215.3271
	21	6690414.450	4441.9670	128.788	5.65	1909.079	104.23	00	65231.9620	30	65248.6069
	22	6692270.687	4444.9590	128.988	5.67	1912.276	104.53	00	65265.2616	30	65281.9262
	23	6694126.928	4447.9541	129.188	5.68	1915.480	104.82	00	65298.6007	30	65315.2852
	24	6695983.174	4450.9523	129.389	5.70	1918.691	105.11	00	65331.9796	30	65348.6839
60	25	6697839.425	4453.9535	129.591	5.71	1921.909	105.41	00	65365.3982	30	65382.1224
	26	6699695.680	4456.9578	129.793	5.73	1925.134	105.71	00	65398.8566	30	65415.6007
	27	6701551.940	4459.9652	129.995	5.74	1928.367	106.01	00	65432.3549	30	65449.1190
	28	6703408.204	4462.9756	130.198	5.76	1931.607	106.30	00	65465.8931	30	65482.6772
	29	6705264.474	4465.9892	130.401	5.78	1934.855	106.60	00	65499.4714	30	65516.2755
60	30	6707120.748	4469.0058	130.604	5.79	1938.110	106.90	00	65533.0897	30	65549.9140
	31	6708977.026	4472.0256	130.808	5.81	1941.372	107.21	00	65566.7482	30	65583.5926
	32	6710833.310	4475.0485	131.013	5.82	1944.642	107.51	00	65600.4470	30	65617.3114
	33	6712689.598	4478.0744	131.218	5.84	1947.919	107.81	00	65634.1860	30	65651.0706
	34	6714545.890	4481.1035	131.423	5.85	1951.203	108.12	00	65667.9653	30	65684.8702
60	35	6716402.188	4484.1358	131.629	5.87	1954.495	108.42	00	65701.7852	30	65718.7102
	36	6718258.490	4487.1711	131.835	5.89	1957.794	108.73	00	65735.6454	30	65752.5908
	37	6720114.796	4490.2096	132.042	5.90	1961.101	109.04	00	65769.5463	30	65786.5120
	38	6721971.107	4493.2513	132.249	5.92	1964.416	109.35	00	65803.4878	30	65820.4738
	39	6723827.423	4496.2961	132.457	5.93	1967.738	109.66	00	65837.4700	30	65854.4764
60	40	6725683.744	4499.3440	132.665	5.95	1971.067	109.97	00	65871.4929	30	65888.5197
	41	6727540.069	4502.3951	132.873	5.97	1974.404	110.28	00	65905.5567	30	65922.6040
	42	6729396.399	4505.4493	133.082	5.98	1977.749	110.60	00	65939.6614	30	65956.7292
	43	6731252.734	4508.5068	133.292	6.00	1981.101	110.91	00	65973.8071	30	65990.8954
	44	6733109.073	4511.5674	133.502	6.01	1984.461	111.23	00	66007.9939	30	66025.1026
60	45	6734965.417	4514.6311	133.712	6.03	1987.829	111.54	00	66042.2217	30	66059.3511
	46	6736821.765	4517.6981	133.923	6.05	1991.205	111.86	00	66076.4907	30	66093.6407
	47	6738678.119	4520.7683	134.134	6.06	1994.588	112.18	00	66110.8010	30	66127.9717
	48	6740534.476	4523.8416	134.346	6.08	1997.979	112.50	00	66145.1526	30	66162.3440
	49	6742390.839	4526.9182	134.558	6.10	2001.377	112.82	00	66179.5457	30	66196.7577
60	50	6744247.206	4529.9979	134.771	6.11	2004.784	113.14	00	66213.9801	30	66231.2129
	51	6746103.578	4533.0809	134.984	6.13	2008.198	113.47	00	66248.4562	30	66265.7098
	52	6747959.954	4536.1671	135.198	6.15	2011.620	113.79	00	66282.9738	30	66300.2482
	53	6749816.335	4539.2565	135.412	6.16	2015.050	114.12	00	66317.5331	30	66334.8284
	54	6751672.721	4542.3491	135.626	6.18	2018.487	114.44	00	66352.1341	30	66369.4504
60	55	6753529.111	4545.4450	135.841	6.20	2021.933	114.77	00	66386.7770	30	66404.1142
	56	6755385.506	4548.5441	136.057	6.21	2025.387	115.10	00	66421.4618	30	66438.8199
	57	6757241.905	4551.6465	136.273	6.23	2028.848	115.43	00	66456.1886	30	66473.5677
	58	6759098.309	4554.7521	136.490	6.25	2032.318	115.76	00	66490.9573	30	66508.3575
	59	6760954.718	4557.8610	136.707	6.27	2035.795	116.09	00	66525.7682	30	66543.1895
61	00	6762811.132	4560.9731	136.924	6.28	2039.281	116.43	00	66560.6213	30	66578.0637

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
61	0	6762811.132	4560.9731	136.924	6.28	2039.281	116.43	00	66560.6213	30	66578.0637
	1	6764667.550	4564.0885	137.142	6.30	2042.774	116.76	00	66595.5166	30	66612.9802
	2	6766523.972	4567.2072	137.360	6.32	2046.276	117.10	00	66630.4543	30	66647.9390
	3	6768380.400	4570.3291	137.579	6.33	2049.785	117.43	00	66665.4343	30	66682.9403
	4	6770236.831	4573.4544	137.799	6.35	2053.303	117.77	00	66700.4569	30	66717.9841
61	5	6772093.268	4576.5829	138.019	6.37	2056.829	118.11	00	66735.5219	30	66753.0704
	6	6773949.709	4579.7148	138.239	6.39	2060.363	118.45	00	66770.6296	30	66788.1995
	7	6775806.155	4582.8499	138.460	6.40	2063.905	118.79	00	66805.7800	30	66823.3712
	8	6777662.605	4585.9883	138.681	6.42	2067.455	119.13	00	66840.9731	30	66858.5858
	9	6779519.060	4589.1301	138.903	6.44	2071.014	119.48	00	66876.2091	30	66893.8432
61	10	6781375.520	4592.2752	139.126	6.46	2074.581	119.82	00	66911.4880	30	66929.1436
	11	6783231.984	4595.4236	139.348	6.48	2078.156	120.17	00	66946.8099	30	66964.4870
	12	6785088.453	4598.5753	139.572	6.49	2081.739	120.52	00	66982.1749	30	66999.8735
	13	6786944.926	4601.7304	139.796	6.51	2085.331	120.87	00	67017.5830	30	67035.3032
	14	6788801.404	4604.8888	140.020	6.53	2088.931	121.22	00	67053.0342	30	67070.7761
61	15	6790657.886	4608.0506	140.245	6.55	2092.540	121.57	00	67088.5288	30	67106.2924
	16	6792514.374	4611.2157	140.470	6.57	2096.157	121.92	00	67124.0668	30	67141.8520
	17	6794370.865	4614.3842	140.696	6.58	2099.782	122.27	00	67159.6481	30	67177.4551
	18	6796227.362	4617.5561	140.923	6.60	2103.415	122.63	00	67195.2730	30	67213.1018
	19	6798083.863	4620.7313	141.150	6.62	2107.058	122.98	00	67230.9415	30	67248.7921
61	20	6799940.368	4623.9099	141.377	6.64	2110.708	123.34	00	67266.6536	30	67284.5261
	21	6801796.878	4627.0919	141.605	6.66	2114.367	123.70	00	67302.4095	30	67320.3039
	22	6803653.393	4630.2773	141.833	6.68	2118.035	124.06	00	67338.2092	30	67356.1255
	23	6805509.912	4633.4660	142.062	6.69	2121.711	124.42	00	67374.0528	30	67391.9910
	24	6807366.436	4636.6582	142.292	6.71	2125.396	124.78	00	67409.9403	30	67427.9006
61	25	6809222.965	4639.8538	142.522	6.73	2129.090	125.15	00	67445.8719	30	67463.8542
	26	6811079.498	4643.0528	142.752	6.75	2132.792	125.51	00	67481.8476	30	67499.8520
	27	6812936.035	4645.2552	142.983	6.77	2136.502	125.88	00	67517.8675	30	67535.8940
	28	6814792.577	4649.4611	143.215	6.79	2140.222	126.24	00	67553.9316	30	67571.9803
	29	6816649.124	4652.6704	143.447	6.81	2143.950	126.61	00	67590.0402	30	67608.1111
61	30	6818505.676	4655.8831	143.680	6.83	2147.687	126.98	00	67626.1931	30	67644.2863
	31	6820362.231	4659.0993	143.913	6.85	2151.432	127.35	00	67662.3905	30	67680.5060
	32	6822218.792	4662.3189	144.146	6.87	2155.187	127.73	00	67698.6326	30	67716.7703
	33	6824075.357	4665.5420	144.381	6.88	2158.950	128.10	00	67734.9193	30	67753.0794
	34	6825931.927	4668.7685	144.615	6.90	2162.722	128.48	00	67771.2507	30	67789.4332
61	35	6827788.501	4671.9985	144.851	6.92	2166.503	128.85	00	67807.6270	30	67825.8319
	36	6829645.080	4675.2320	145.086	6.94	2170.293	129.23	00	67844.0481	30	67862.2755
	37	6831501.663	4678.4690	145.323	6.96	2174.092	129.61	00	67880.5142	30	67898.7642
	38	6833358.251	4681.7094	145.560	6.98	2177.899	129.99	00	67917.0254	30	67935.2979
	39	6835214.843	4684.9534	145.797	7.00	2181.716	130.37	00	67953.5817	30	67971.8768
61	40	6837071.440	4688.2009	146.035	7.02	2185.542	130.76	00	67990.1832	30	68008.5009
	41	6838928.042	4691.4518	146.273	7.04	2189.376	131.14	00	68026.8300	30	68045.1704
	42	6840784.648	4694.7063	146.512	7.06	2193.220	131.53	00	68063.5222	30	68081.8853
	43	6842641.258	4697.9643	146.752	7.08	2197.073	131.91	00	68100.2598	30	68118.6457
	44	6844497.874	4701.2258	146.992	7.10	2200.935	132.30	00	68137.0430	30	68155.4516
61	45	6846354.493	4704.4909	147.233	7.12	2204.806	132.69	00	68173.8717	30	68192.3032
	46	6848211.118	4707.7594	147.474	7.14	2208.686	133.08	00	68210.7462	30	68229.2006
	47	6850067.747	4711.0316	147.716	7.16	2212.575	133.48	00	68247.6664	30	68266.1437
	48	6851924.380	4714.3073	147.958	7.18	2216.474	133.87	00	68284.6325	30	68303.1328
	49	6853781.018	4717.5865	148.201	7.20	2220.382	134.27	00	68321.6445	30	68340.1678
61	50	6855637.660	4720.8693	148.444	7.22	2224.299	134.66	00	68358.7025	30	68377.2488
	51	6857494.307	4724.1557	148.688	7.24	2228.225	135.06	00	68395.8067	30	68414.3760
	52	6859350.959	4727.4456	148.933	7.26	2232.161	135.46	00	68432.9570	30	68451.5495
	53	6861207.615	4730.7392	149.178	7.28	2236.106	135.86	00	68470.1535	30	68488.7692
	54	6863064.275	4734.0363	149.424	7.30	2240.060	136.27	00	68507.3964	30	68526.0353
61	55	6864920.941	4737.3370	149.670	7.32	2244.024	136.67	00	68544.6857	30	68563.3478
	56	6866777.610	4740.6413	149.917	7.35	2247.998	137.08	00	68582.0216	30	68600.7069
	57	6868634.284	4743.9493	150.164	7.37	2251.980	137.48	00	68619.4040	30	68638.1127
	58	6870490.963	4747.2608	150.412	7.39	2255.973	137.89	00	68656.8331	30	68675.5651
	59	6872347.646	4750.5760	150.661	7.41	2259.974	138.30	00	68694.3089	30	68713.0644
62	00	6874204.334	4753.8948	150.910	7.43	2263.986	138.71	00	68731.8316	30	68750.6105

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
62	0	6874204.334	4753.8948	150.910	7.43	2263.986	138.71	00	68731.8316	30	68750.6105
	1	6876061.026	4757.2172	151.160	7.45	2268.006	139.13	00	68769.4012	30	68788.2036
	2	6877917.723	4760.5433	151.410	7.47	2272.037	139.54	00	68807.0177	30	68825.8437
	3	6879774.424	4763.8730	151.661	7.49	2276.077	139.96	00	68844.6814	30	68863.5309
	4	6881631.130	4767.2064	151.912	7.52	2280.127	140.37	00	68882.3923	30	68901.2654
62	5	6883487.841	4770.5434	152.164	7.54	2284.186	140.79	00	68920.1504	30	68939.0472
	6	6885344.555	4773.8841	152.417	7.56	2288.255	141.21	00	68957.9558	30	68976.8763
	7	6887201.275	4777.2285	152.670	7.58	2292.334	141.63	00	68995.8087	30	69014.7529
	8	6889057.999	4780.5765	152.924	7.60	2296.423	142.06	00	69033.7091	30	69052.6771
	9	6890914.727	4783.9283	153.178	7.62	2300.521	142.48	00	69071.6570	30	69090.6489
62	10	6892771.460	4787.2837	153.433	7.65	2304.630	142.91	00	69109.6527	30	69128.6684
	11	6894628.197	4790.6429	153.689	7.67	2308.748	143.34	00	69147.6961	30	69166.7357
	12	6896484.939	4794.0057	153.945	7.69	2312.876	143.77	00	69185.7873	30	69204.8509
	13	6898341.685	4797.3723	154.201	7.71	2317.014	144.20	00	69223.9265	30	69243.0141
	14	6900198.436	4800.7425	154.459	7.73	2321.162	144.63	00	69262.1137	30	69281.2254
62	15	6902055.192	4804.1166	154.717	7.76	2325.320	145.06	00	69300.3490	30	69319.4848
	16	6903911.952	4807.4943	154.975	7.78	2329.488	145.50	00	69338.6326	30	69357.7924
	17	6905768.716	4810.8758	155.234	7.80	2333.666	145.94	00	69376.9643	30	69396.1484
	18	6907625.485	4814.2610	155.494	7.82	2337.854	146.38	00	69415.3445	30	69434.5527
	19	6909482.258	4817.6500	155.754	7.85	2342.052	146.82	00	69453.7731	30	69473.0056
62	20	6911339.036	4821.0428	156.015	7.87	2346.260	147.26	00	69492.2502	30	69511.5070
	21	6913195.818	4824.4393	156.277	7.89	2350.479	147.70	00	69530.7760	30	69550.0572
	22	6915052.605	4827.8396	156.539	7.91	2354.707	148.15	00	69569.3505	30	69588.6560
	23	6916909.396	4831.2436	156.802	7.94	2358.946	148.59	00	69607.9738	30	69627.3038
	24	6918766.192	4834.6515	157.065	7.96	2363.195	149.04	00	69646.6460	30	69666.0004
62	25	6920622.992	4838.0632	157.329	7.98	2367.455	149.49	00	69685.3671	30	69704.7461
	26	6922479.797	4841.4786	157.594	8.01	2371.725	149.94	00	69724.1374	30	69743.5409
	27	6924336.606	4844.8979	157.859	8.03	2376.005	150.40	00	69762.9567	30	69782.3849
	28	6926193.420	4848.3210	158.125	8.05	2380.295	150.85	00	69801.8254	30	69821.2782
	29	6928050.238	4851.7479	158.392	8.08	2384.596	151.31	00	69840.7433	30	69860.2208
62	30	6929907.060	4855.1786	158.659	8.10	2388.907	151.77	00	69879.7107	30	69899.2130
	31	6931763.887	4858.6132	158.927	8.12	2393.229	152.23	00	69918.7276	30	69938.2547
	32	6933620.719	4862.0517	159.195	8.15	2397.562	152.69	00	69957.7941	30	69977.3460
	33	6935477.555	4865.4939	159.464	8.17	2401.904	153.15	00	69996.9103	30	70016.4871
	34	6937334.395	4868.9401	159.734	8.19	2406.258	153.62	00	70036.0763	30	70055.6780
62	35	6939191.240	4872.3901	160.004	8.22	2410.622	154.08	00	70075.2921	30	70094.9188
	36	6941048.089	4875.8440	160.275	8.24	2414.997	154.55	00	70114.5579	30	70134.2096
	37	6942904.943	4879.3017	160.546	8.27	2419.382	155.02	00	70153.8738	30	70173.5505
	38	6944761.802	4882.7634	160.819	8.29	2423.778	155.49	00	70193.2398	30	70212.9417
	39	6946618.664	4886.2289	161.092	8.32	2428.185	155.97	00	70232.6561	30	70252.3831
62	40	6948475.531	4889.6983	161.365	8.34	2432.602	156.44	00	70272.1226	30	70291.8748
	41	6950332.403	4893.1717	161.639	8.36	2437.031	156.92	00	70311.6396	30	70331.4171
	42	6952189.279	4895.6490	161.914	8.39	2441.470	157.40	00	70351.2071	30	70371.0099
	43	6954046.160	4900.1302	162.190	8.41	2445.920	157.88	00	70390.8253	30	70410.6533
	44	6955903.044	4903.6153	162.466	8.44	2450.381	158.36	00	70430.4941	30	70450.3475
62	45	6957759.934	4907.1043	162.742	8.46	2454.852	158.85	00	70470.2137	30	70490.0925
	46	6959616.828	4910.5973	163.020	8.49	2459.335	159.33	00	70509.9841	30	70529.8885
	47	6961473.726	4914.0943	163.298	8.51	2463.829	159.82	00	70549.8056	30	70569.7355
	48	6963330.629	4917.5952	163.577	8.54	2468.334	160.31	00	70589.6781	30	70609.6335
	49	6965187.536	4921.1001	163.856	8.56	2472.850	160.80	00	70629.6018	30	70649.5828
62	50	6967044.447	4924.6090	164.136	8.59	2477.377	161.29	00	70669.5767	30	70689.5834
	51	6968901.363	4928.1218	164.417	8.61	2481.915	161.79	00	70709.6030	30	70729.6354
	52	6970758.284	4931.6386	164.698	8.64	2486.464	162.29	00	70749.6807	30	70769.7389
	53	6972615.209	4935.1595	164.981	8.66	2491.025	162.78	00	70789.8100	30	70809.8940
	54	6974472.138	4938.6843	165.263	8.69	2495.597	163.28	00	70829.9909	30	70850.1008
62	55	6976329.072	4942.2131	165.547	8.72	2500.180	163.79	00	70870.2235	30	70890.3593
	56	6978186.010	4945.7460	165.831	8.74	2504.774	164.29	00	70910.5080	30	70930.6697
	57	6980042.952	4949.2829	166.116	8.77	2509.380	164.80	00	70950.8444	30	70971.0320
	58	6981899.899	4952.8238	166.401	8.79	2513.997	165.30	00	70991.2327	30	71011.4465
	59	6983756.851	4956.3688	166.687	8.82	2518.625	165.81	00	71031.6732	30	71051.9131
63	00	6985613.806	4959.9178	166.974	8.85	2523.265	166.33	00	71072.1659	30	71092.4319

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
64	0	7097039.159	5180.5647	185.528	10.61	2824.021	200.81	00	73601.0454	30	73622.9725
	1	7098896.381	5184.3757	185.861	10.64	2829.432	201.46	00	73644.9143	30	73666.8707
	2	7100753.606	5188.1913	186.195	10.67	2834.856	202.10	00	73688.8418	30	73710.8276
	3	7102610.836	5192.0114	186.530	10.71	2840.294	202.75	00	73732.8281	30	73754.8433
	4	7104468.071	5195.8361	186.865	10.74	2845.746	203.40	00	73776.8732	30	73798.9179
64	5	7106325.309	5199.6654	187.202	10.77	2851.213	204.06	00	73820.9774	30	73843.0517
	6	7108182.552	5203.4993	187.539	10.81	2856.693	204.71	00	73865.1407	30	73887.2445
	7	7110039.800	5207.3378	187.877	10.84	2862.187	205.37	00	73909.3632	30	73931.4967
	8	7111897.051	5211.1809	188.216	10.87	2867.696	206.03	00	73953.6450	30	73975.8082
	9	7113754.307	5215.0286	188.556	10.91	2873.219	206.70	00	73997.9863	30	74020.1793
64	10	7115611.567	5218.8809	188.896	10.94	2878.756	207.37	00	74042.3872	30	74064.6100
	11	7117468.831	5222.7379	189.238	10.98	2884.307	208.03	00	74086.8477	30	74109.1004
	12	7119326.100	5226.5995	189.580	11.01	2889.873	208.71	00	74131.3681	30	74153.6507
	13	7121183.373	5230.4658	189.924	11.04	2895.453	209.38	00	74175.9483	30	74198.2609
	14	7123040.650	5234.3367	190.268	11.08	2901.048	210.06	00	74220.5886	30	74242.9313
64	15	7124897.931	5238.2123	190.613	11.11	2906.657	210.74	00	74265.2890	30	74287.6618
	16	7126755.217	5242.0926	190.958	11.15	2912.281	211.42	00	74310.0497	30	74332.4527
	17	7128612.507	5245.9775	191.305	11.18	2917.919	212.11	00	74354.8708	30	74377.3040
	18	7130469.801	5249.8672	191.653	11.22	2923.572	212.79	00	74399.7524	30	74422.2159
	19	7132327.100	5253.7616	192.001	11.25	2929.240	213.48	00	74444.6945	30	74467.1884
64	20	7134184.403	5257.6607	192.351	11.29	2934.922	214.18	00	74489.6974	30	74512.2217
	21	7136041.710	5261.5645	192.701	11.32	2940.620	214.87	00	74534.7612	30	74557.3159
	22	7137899.021	5265.4730	193.052	11.36	2946.332	215.57	00	74579.8859	30	74602.4712
	23	7139756.336	5269.3863	193.404	11.40	2952.059	216.27	00	74625.0717	30	74647.6876
	24	7141613.656	5273.3044	193.757	11.43	2957.800	216.98	00	74670.3188	30	74692.9653
64	25	7143470.980	5277.2272	194.111	11.47	2963.557	217.68	00	74715.6271	30	74738.3043
	26	7145328.308	5281.1548	194.466	11.50	2969.329	218.39	00	74760.9969	30	74783.7048
	27	7147185.641	5285.0872	194.821	11.54	2975.116	219.10	00	74806.4282	30	74829.1670
	28	7149042.978	5289.0243	195.178	11.58	2980.918	219.82	00	74851.9213	30	74874.6909
	29	7150900.319	5292.9663	195.535	11.61	2986.736	220.54	00	74897.4761	30	74920.2767
64	30	7152757.664	5296.9131	195.894	11.65	2992.568	221.26	00	74943.0928	30	74965.9245
	31	7154615.013	5300.8647	196.253	11.69	2998.416	221.98	00	74988.7716	30	75011.6344
	32	7156472.367	5304.8211	196.613	11.72	3004.279	222.71	00	75034.5126	30	75057.4065
	33	7158329.725	5308.7823	196.974	11.76	3010.157	223.44	00	75080.3159	30	75103.2409
	34	7160187.087	5312.7485	197.336	11.80	3016.051	224.17	00	75126.1815	30	75149.1378
64	35	7162044.454	5316.7194	197.699	11.83	3021.961	224.90	00	75172.1098	30	75195.0973
	36	7163901.825	5320.6953	198.063	11.87	3027.886	225.64	00	75218.1006	30	75241.1196
	37	7165759.199	5324.6760	198.428	11.91	3033.826	226.38	00	75264.1543	30	75287.2047
	38	7167616.579	5323.6616	198.794	11.95	3039.782	227.13	00	75310.2708	30	75333.3527
	39	7169473.962	5332.6521	199.160	11.99	3045.754	227.87	00	75356.4504	30	75379.5638
64	40	7171331.349	5336.6475	199.528	12.02	3051.742	228.62	00	75402.6931	30	75425.8382
	41	7173188.741	5340.6478	199.897	12.06	3057.745	229.38	00	75448.9991	30	75472.1758
	42	7175046.137	5344.6530	200.266	12.10	3063.764	230.13	00	75495.3685	30	75518.5770
	43	7176903.537	5348.6632	200.637	12.14	3069.799	230.89	00	75541.8014	30	75565.0417
	44	7178760.942	5352.6784	201.008	12.18	3075.850	231.65	00	75588.2979	30	75611.5701
64	45	7180618.351	5356.6984	201.380	12.22	3081.917	232.42	00	75634.8583	30	75658.1624
	46	7182475.763	5360.7235	201.754	12.26	3088.001	233.18	00	75681.4825	30	75704.8186
	47	7184333.180	5364.7535	202.128	12.29	3094.100	233.95	00	75728.1708	30	75751.5390
	48	7186190.602	5368.7885	202.503	12.33	3100.215	234.73	00	75774.9232	30	75798.3235
	49	7188048.027	5372.8285	202.880	12.37	3106.347	235.50	00	75821.7399	30	75845.1724
64	50	7189905.457	5376.8735	203.257	12.41	3112.494	236.28	00	75868.6210	30	75892.0858
	51	7191762.891	5380.9236	203.635	12.45	3118.659	237.07	00	75915.5667	30	75939.0637
	52	7193620.329	5384.9786	204.014	12.49	3124.839	237.85	00	75962.5770	30	75986.1064
	53	7195477.771	5389.0387	204.394	12.53	3131.036	238.64	00	76009.6521	30	76033.2140
	54	7197335.217	5393.1038	204.776	12.57	3137.249	239.43	00	76056.7921	30	76080.3865
64	55	7199192.668	5397.1740	205.158	12.61	3143.479	240.23	00	76103.9972	30	76127.6241
	56	7201050.123	5401.2493	205.541	12.65	3149.726	241.03	00	76151.2674	30	76174.9270
	57	7202907.582	5405.3296	205.925	12.70	3155.989	241.83	00	76198.6030	30	76222.2953
	58	7204765.045	5409.4150	206.310	12.74	3162.269	242.64	00	76246.0040	30	76269.7290
	59	7206622.513	5413.5055	206.696	12.78	3168.566	243.44	00	76293.4705	30	76317.2284
65	00	7208479.984	5417.6011	207.083	12.82	3174.879	244.25	00	76341.0028	30	76364.7936

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
65	0	7208479.984	5417.6011	207.083	12.82	3174.879	244.25	00	76341.0028	30	76364.7936
	1	7210337.460	5421.7019	207.471	12.86	3181.209	245.07	00	76388.6009	30	76412.4247
	2	7212194.940	5425.8077	207.861	12.90	3187.557	245.89	00	76436.2650	30	76460.1218
	3	7214052.424	5429.9187	208.251	12.94	3193.921	246.71	00	76483.9951	30	76507.8850
	4	7215909.912	5434.0349	208.642	12.99	3200.302	247.53	00	76531.7915	30	76555.7146
65	5	7217767.405	5438.1562	209.034	13.03	3206.700	248.36	00	76579.6542	30	76603.6105
	6	7219624.901	5442.2826	209.427	13.07	3213.116	249.19	00	76627.5835	30	76651.5731
	7	7221482.402	5446.4143	209.822	13.11	3219.549	250.03	00	76675.5793	30	76699.6023
	8	7223339.907	5450.5511	210.217	13.15	3225.999	250.87	00	76723.6419	30	76747.6983
	9	7225197.416	5454.6932	210.613	13.20	3232.466	251.71	00	76771.7714	30	76795.8613
65	10	7227054.929	5458.8404	211.011	13.24	3238.951	252.55	00	76819.9680	30	76844.0914
	11	7228912.447	5462.9929	211.409	13.28	3245.453	253.40	00	76868.2317	30	76892.3887
	12	7230769.968	5467.1506	211.809	13.33	3251.972	254.25	00	76916.5627	30	76940.7534
	13	7232627.494	5471.3135	212.209	13.37	3258.510	255.11	00	76964.9611	30	76989.1856
	14	7234485.024	5475.4817	212.611	13.41	3265.065	255.96	00	77013.4271	30	77037.6854
65	15	7236342.558	5479.6552	213.013	13.46	3271.637	256.83	00	77061.9608	30	77086.2530
	16	7238200.096	5483.8339	213.417	13.50	3278.227	257.69	00	77110.5623	30	77134.8886
	17	7240057.639	5488.0179	213.822	13.55	3284.835	258.56	00	77159.2318	30	77183.5921
	18	7241915.185	5492.2072	214.228	13.59	3291.461	259.43	00	77207.9694	30	77232.3638
	19	7243772.736	5496.4019	214.635	13.63	3298.105	260.31	00	77256.7753	30	77281.2039
65	20	7245630.291	5500.6018	215.043	13.68	3304.767	261.19	00	77305.6496	30	77330.1124
	21	7247487.850	5504.8071	215.452	13.72	3311.447	262.07	00	77354.5924	30	77379.0895
	22	7249345.413	5509.0177	215.862	13.77	3318.145	262.96	00	77403.6038	30	77428.1354
	23	7251202.980	5513.2336	216.273	13.81	3324.861	263.85	00	77452.6841	30	77477.2501
	24	7253060.551	5517.4549	216.685	13.86	3331.595	264.74	00	77501.8333	30	77526.4338
65	25	7254918.127	5521.6816	217.099	13.90	3338.348	265.64	00	77551.0516	30	77575.6867
	26	7256775.706	5525.9137	217.513	13.95	3345.119	266.54	00	77600.3391	30	77625.0089
	27	7258633.290	5530.1511	217.929	14.00	3351.908	267.45	00	77649.6960	30	77674.4005
	28	7260490.878	5534.3940	218.345	14.04	3358.716	268.35	00	77699.1224	30	77723.8617
	29	7262348.470	5538.6423	218.763	14.09	3365.542	269.27	00	77748.6185	30	77773.3926
65	30	7264206.066	5542.8960	219.182	14.14	3372.387	270.18	00	77798.1843	30	77822.9934
	31	7266063.666	5547.1551	219.602	14.18	3379.251	271.10	00	77847.8201	30	77872.6642
	32	7267921.270	5551.4197	220.023	14.23	3386.133	272.03	00	77897.5259	30	77922.4051
	33	7269778.879	5555.6897	220.446	14.28	3393.034	272.95	00	77947.3020	30	77972.2164
	34	7271636.491	5559.9653	220.869	14.32	3399.954	273.88	00	77997.1484	30	78022.0980
65	35	7273494.108	5564.2463	221.294	14.37	3406.893	274.82	00	78047.0653	30	78072.0502
	36	7275351.728	5568.5328	221.719	14.42	3413.851	275.76	00	78097.0529	30	78122.0732
	37	7277209.353	5572.8248	222.146	14.47	3420.828	276.70	00	78147.1112	30	78172.1670
	38	7279066.982	5577.1223	222.574	14.51	3427.824	277.65	00	78197.2405	30	78222.3318
	39	7280924.615	5581.4253	223.003	14.56	3434.839	278.60	00	78247.4409	30	78272.5678
65	40	7282782.252	5585.7339	223.433	14.61	3441.874	279.55	00	78297.7125	30	78322.8751
	41	7284639.894	5590.0481	223.865	14.66	3448.928	280.51	00	78348.0555	30	78373.2538
	42	7286497.539	5594.3678	224.297	14.71	3456.001	281.47	00	78398.4700	30	78423.7041
	43	7288355.189	5598.6930	224.731	14.76	3463.093	282.44	00	78448.9562	30	78474.2262
	44	7290212.842	5603.0239	225.166	14.81	3470.205	283.41	00	78499.5142	30	78524.8202
65	45	7292070.500	5607.3603	225.602	14.86	3477.337	284.38	00	78550.1441	30	78575.4862
	46	7293928.161	5611.7024	226.039	14.90	3484.488	285.36	00	78600.8462	30	78626.2243
	47	7295785.827	5616.0501	226.478	14.95	3491.659	286.34	00	78651.6205	30	78677.0348
	48	7297643.497	5620.4034	226.917	15.00	3498.850	287.33	00	78702.4673	30	78727.9178
	49	7299501.171	5624.7624	227.358	15.05	3506.061	288.32	00	78753.3866	30	78778.8735
65	50	7301358.849	5629.1270	227.800	15.11	3513.292	289.31	00	78804.3786	30	78829.9019
	51	7303216.531	5633.4972	228.243	15.16	3520.542	290.31	00	78855.4434	30	78881.0032
	52	7305074.217	5637.8732	228.688	15.21	3527.813	291.31	00	78906.5813	30	78932.1776
	53	7306931.908	5642.2549	229.133	15.26	3535.103	292.32	00	78957.7923	30	78983.4253
	54	7308789.602	5646.6422	229.580	15.31	3542.414	293.33	00	79009.0766	30	79034.7464
65	55	7310647.300	5651.0353	230.028	15.36	3549.746	294.35	00	79060.4344	30	79086.1409
	56	7312505.003	5655.4341	230.477	15.41	3557.097	295.37	00	79111.8659	30	79137.6092
	57	7314362.709	5659.8386	230.928	15.46	3564.469	296.39	00	79163.3710	30	79189.1513
	58	7316220.420	5664.2489	231.379	15.52	3571.861	297.42	00	79214.9501	30	79240.7675
	59	7318078.135	5668.6649	231.832	15.57	3579.274	298.45	00	79266.6033	30	79292.4577
66	00	7319935.853	5673.0867	232.286	15.62	3586.708	299.49	00	79318.3307	30	79344.2223

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LATI-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
66	0	7319935.853	5673.0867	232.286	15.62	3586.708	299.49	00	79318.3307	30	79344.2223
	1	7321793.576	5677.5143	232.741	15.67	3594.162	300.53	00	79370.1325	30	79396.0613
	2	7323651.303	5681.9477	233.198	15.73	3601.637	301.57	00	79422.0088	30	79447.9750
	3	7325509.034	5686.3869	233.656	15.78	3609.133	302.62	00	79473.9598	30	79499.9634
	4	7327366.769	5690.8320	234.115	15.83	3616.650	303.68	00	79525.9857	30	79552.0267
66	5	7329224.508	5695.2828	234.575	15.89	3624.188	304.73	00	79578.0866	30	79604.1652
	6	7331082.251	5699.7395	235.037	15.94	3631.746	305.80	00	79630.2626	30	79656.3788
	7	7332939.998	5704.2021	235.500	15.99	3639.326	306.86	00	79682.5139	30	79708.6679
	8	7334797.749	5708.6706	235.964	16.05	3646.927	307.94	00	79734.8407	30	79761.0325
	9	7336655.504	5713.1449	236.429	16.10	3654.550	309.01	00	79787.2432	30	79813.4728
66	10	7338513.263	5717.6251	236.896	16.16	3662.193	310.09	00	79839.7214	30	79865.9890
	11	7340371.026	5722.1112	237.364	16.21	3669.859	311.18	00	79892.2756	30	79918.5813
	12	7342228.793	5726.6033	237.833	16.27	3677.545	312.27	00	79944.9059	30	79971.2497
	13	7344086.565	5731.1013	238.303	16.32	3685.253	313.36	00	79997.6125	30	80023.9944
	14	7345944.340	5735.6052	238.775	16.38	3692.983	314.46	00	80050.3955	30	80076.8157
66	15	7347802.119	5740.1151	239.248	16.43	3700.735	315.57	00	80103.2551	30	80129.7136
	16	7349659.903	5744.6310	239.723	16.49	3708.508	316.67	00	80156.1914	30	80182.6884
	17	7351517.690	5749.1528	240.198	16.55	3716.303	317.79	00	80209.2047	30	80235.7402
	18	7353375.481	5753.6807	240.675	16.60	3724.121	318.90	00	80262.2950	30	80288.8691
	19	7355233.277	5758.2145	241.154	16.66	3731.960	320.03	00	80315.4625	30	80342.0753
66	20	7357091.076	5762.7544	241.633	16.72	3739.821	321.15	00	80368.7075	30	80395.3590
	21	7358948.880	5767.3003	242.114	16.78	3747.705	322.29	00	80422.0300	30	80448.7204
	22	7360806.687	5771.8523	242.597	16.83	3755.611	323.42	00	80475.4302	30	80502.1595
	23	7362664.498	5776.4103	243.080	16.89	3763.539	324.56	00	80528.9084	30	80555.6767
	24	7364522.314	5780.9744	243.565	16.95	3771.489	325.71	00	80582.4645	30	80609.2720
66	25	7366380.133	5785.5446	244.052	17.01	3779.462	326.86	00	80636.0989	30	80662.9455
	26	7368237.957	5790.1209	244.539	17.07	3787.458	328.02	00	80689.8117	30	80716.6976
	27	7370095.784	5794.7033	245.028	17.12	3795.476	329.18	00	80743.6031	30	80770.5282
	28	7371953.616	5799.2918	245.519	17.18	3803.517	330.34	00	80797.4731	30	80824.4377
	29	7373811.451	5803.8865	246.010	17.24	3811.581	331.52	00	80851.4221	30	80878.4262
66	30	7375669.291	5808.4873	246.503	17.30	3819.668	332.69	00	80905.4500	30	80932.4937
	31	7377527.134	5813.0942	246.998	17.36	3827.778	333.87	00	80959.5572	30	80986.6406
	32	7379384.981	5817.7074	247.494	17.42	3835.910	335.06	00	81013.7438	30	81040.8670
	33	7381242.833	5822.3267	247.991	17.48	3844.066	336.25	00	81068.0100	30	81095.1730
	34	7383100.688	5826.9523	248.490	17.54	3852.246	337.45	00	81122.3559	30	81149.5588
66	35	7384958.548	5831.5840	248.990	17.60	3860.448	338.65	00	81176.7816	30	81204.0245
	36	7386816.411	5836.2220	249.491	17.66	3868.674	339.85	00	81231.2875	30	81258.5705
	37	7388674.278	5840.8663	249.994	17.72	3876.923	341.06	00	81285.8736	30	81313.1967
	38	7390532.150	5845.5168	250.498	17.79	3885.196	342.28	00	81340.5401	30	81367.9035
	39	7392390.025	5850.1736	251.004	17.85	3893.493	343.50	00	81395.2871	30	81422.6909
66	40	7394247.904	5854.8366	251.511	17.91	3901.813	344.73	00	81450.1149	30	81477.5592
	41	7396105.787	5859.5060	252.019	17.97	3910.157	345.96	00	81505.0237	30	81532.5085
	42	7397963.674	5864.1816	252.529	18.04	3918.525	347.20	00	81560.0135	30	81587.5389
	43	7399821.566	5868.8636	253.040	18.10	3926.917	348.44	00	81615.0846	30	81642.6507
	44	7401679.461	5873.5520	253.553	18.16	3935.333	349.69	00	81670.2372	30	81697.8441
66	45	7403537.360	5878.2466	254.067	18.22	3943.774	350.95	00	81725.4714	30	81753.1191
	46	7405395.263	5882.9477	254.583	18.29	3952.238	352.21	00	81780.7874	30	81808.4761
	47	7407253.170	5887.6551	255.100	18.35	3960.727	353.47	00	81836.1853	30	81863.9151
	48	7409111.081	5892.3689	255.619	18.42	3969.240	354.74	00	81891.6654	30	81919.4363
	49	7410968.996	5897.0892	256.139	18.48	3977.778	356.02	00	81947.2278	30	81975.0400
66	50	7412826.915	5901.8158	256.660	18.55	3986.340	357.30	00	82002.8728	30	82030.7262
	51	7414684.837	5906.5489	257.183	18.61	3994.927	358.58	00	82058.6004	30	82086.4952
	52	7416542.764	5911.2885	257.707	18.68	4003.539	359.88	00	82114.4108	30	82142.3472
	53	7418400.695	5916.0345	258.233	18.74	4012.176	361.17	00	82170.3043	30	82198.2823
	54	7420258.630	5920.7869	258.761	18.81	4020.838	362.48	00	82226.2811	30	82254.3007
66	55	7422116.568	5925.5459	259.290	18.87	4029.524	363.79	00	82282.3412	30	82310.4026
	56	7423974.511	5930.3114	259.820	18.94	4038.236	365.10	00	82338.4849	30	82366.5881
	57	7425832.457	5935.0834	260.352	19.01	4046.973	366.42	00	82394.7123	30	82422.8575
	58	7427690.407	5939.8619	260.885	19.07	4055.735	367.75	00	82451.0237	30	82479.2109
	59	7429548.362	5944.6470	261.420	19.14	4064.523	369.08	00	82507.4192	30	82535.6486
67	00	7431406.320	5949.4387	261.957	19.21	4073.336	370.42	00	82563.8990	30	82592.1706

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
67	0	7431406.320	5949.4387	261.957	19.21	4073.336	370.42	00	82563.8990	30	82592.1706
	1	7433264.282	5954.2369	262.495	19.28	4082.175	371.76	00	82620.4633	30	82648.7772
	2	7435122.248	5959.0417	263.034	19.34	4091.040	373.11	00	82677.1123	30	82705.4686
	3	7436980.218	5963.8531	263.575	19.41	4099.930	374.46	00	82733.8461	30	82762.2449
	4	7438838.192	5968.6712	264.118	19.48	4108.846	375.83	00	82790.6650	30	82819.1064
67	5	7440696.170	5973.4958	264.662	19.55	4117.789	377.19	00	82847.5691	30	82876.0532
	6	7442554.152	5978.3272	265.208	19.62	4126.757	378.57	00	82904.5586	30	82933.0854
	7	7444412.137	5983.1651	265.755	19.69	4135.751	379.95	00	82961.6337	30	82990.2034
	8	7446270.127	5988.0098	266.304	19.76	4144.772	381.33	00	83018.7946	30	83047.4072
	9	7448128.121	5992.8612	266.854	19.83	4153.819	382.72	00	83076.0414	30	83104.6972
67	10	7449986.118	5997.7192	267.406	19.90	4162.892	384.12	00	83133.3744	30	83162.0733
	11	7451844.119	6002.5840	267.960	19.97	4171.992	385.52	00	83190.7938	30	83219.5359
	12	7453702.124	6007.4556	268.515	20.04	4181.119	386.93	00	83248.2997	30	83277.0851
	13	7455560.134	6012.3338	269.071	20.11	4190.272	388.35	00	83305.8923	30	83334.7212
	14	7457418.147	6017.2189	269.630	20.19	4199.452	389.77	00	83363.5718	30	83392.4442
67	15	7459276.163	6022.1107	270.190	20.26	4208.659	391.20	00	83421.3385	30	83450.2545
	16	7461134.184	6027.0093	270.751	20.33	4217.893	392.63	00	83479.1924	30	83508.1522
	17	7462992.209	6031.9148	271.314	20.40	4227.155	394.07	00	83537.1338	30	83566.1374
	18	7464850.238	6036.8270	271.879	20.48	4236.443	395.52	00	83595.1629	30	83624.2104
	19	7466708.270	6041.7461	272.446	20.55	4245.759	396.98	00	83653.2799	30	83682.3714
67	20	7468566.306	6046.6721	273.014	20.62	4255.102	398.44	00	83711.4849	30	83740.6205
	21	7470424.347	6051.6049	273.583	20.70	4264.473	399.90	00	83769.7782	30	83798.9581
	22	7472282.391	6056.5447	274.155	20.77	4273.871	401.37	00	83828.1600	30	83857.3841
	23	7474140.439	6061.4913	274.728	20.85	4283.297	402.85	00	83886.6304	30	83915.8989
	24	7475998.491	6066.4449	275.302	20.92	4292.751	404.34	00	83945.1897	30	83974.5027
67	25	7477856.546	6071.4053	275.879	21.00	4302.233	405.83	00	84003.8380	30	84033.1956
	26	7479714.606	6076.3728	276.457	21.07	4311.743	407.33	00	84062.5755	30	84091.9778
	27	7481572.669	6081.3472	277.036	21.15	4321.281	408.84	00	84121.4025	30	84150.8496
	28	7483430.737	6086.3285	277.618	21.22	4330.848	410.35	00	84180.3191	30	84209.8111
	29	7485288.808	6091.3169	278.201	21.30	4340.442	411.87	00	84239.3256	30	84268.8625
67	30	7487146.883	6096.3123	278.785	21.38	4350.065	413.40	00	84298.4220	30	84328.0041
	31	7489004.962	6101.3147	279.372	21.45	4359.717	414.93	00	84357.6088	30	84387.2360
	32	7490863.045	6106.3241	279.960	21.53	4369.397	416.47	00	84416.8859	30	84446.5584
	33	7492721.131	6111.3407	280.550	21.61	4379.107	418.02	00	84476.2537	30	84505.9716
	34	7494579.222	6116.3642	281.141	21.69	4388.845	419.57	00	84535.7123	30	84565.4757
67	35	7496437.316	6121.3949	281.735	21.77	4398.612	421.13	00	84595.2620	30	84625.0710
	36	7498295.414	6126.4327	282.330	21.85	4408.408	422.70	00	84654.9029	30	84684.7576
	37	7500153.516	6131.4776	282.927	21.93	4418.233	424.27	00	84714.6352	30	84744.5357
	38	7502011.622	6136.5296	283.525	22.00	4428.088	425.85	00	84774.4592	30	84804.4056
	39	7503869.732	6141.5888	284.125	22.09	4437.972	427.44	00	84834.3750	30	84864.3675
67	40	7505727.846	6146.6552	284.727	22.17	4447.886	429.04	00	84894.3829	30	84924.4215
	41	7507585.963	6151.7287	285.331	22.25	4457.829	430.64	00	84954.4831	30	84984.5679
	42	7509444.084	6156.8095	285.937	22.33	4467.802	432.25	00	85014.6758	30	85044.8068
	43	7511302.209	6161.8974	286.544	22.41	4477.805	433.87	00	85074.9611	30	85105.1385
	44	7513160.338	6166.9927	287.153	22.49	4487.838	435.49	00	85135.3393	30	85165.5633
67	45	7515018.471	6172.0951	287.764	22.57	4497.901	437.12	00	85195.8106	30	85226.0812
	46	7516876.607	6177.2048	288.377	22.66	4507.994	438.76	00	85256.3752	30	85286.6925
	47	7518734.748	6182.3218	288.992	22.74	4518.117	440.41	00	85317.0333	30	85347.3975
	48	7520592.892	6187.4461	289.608	22.82	4528.271	442.06	00	85377.7851	30	85408.1963
	49	7522451.040	6192.5778	290.226	22.91	4538.456	443.73	00	85438.6309	30	85469.0891
67	50	7524309.192	6197.7167	290.846	22.99	4548.671	445.39	00	85499.5708	30	85530.0761
	51	7526167.348	6202.8630	291.468	23.07	4558.917	447.07	00	85560.6051	30	85591.1577
	52	7528025.507	6208.0167	292.092	23.16	4569.194	448.75	00	85621.7339	30	85652.3339
	53	7529883.670	6213.1777	292.717	23.24	4579.501	450.45	00	85682.9576	30	85713.6050
	54	7531741.837	6218.3462	293.345	23.33	4589.840	452.15	00	85744.2762	30	85774.9712
67	55	7533600.008	6223.5221	293.974	23.42	4600.210	453.85	00	85805.6900	30	85836.4327
	56	7535458.183	6228.7054	294.605	23.50	4610.612	455.57	00	85867.1993	30	85897.9898
	57	7537316.362	6233.8961	295.238	23.59	4621.045	457.29	00	85928.8042	30	85959.6426
	58	7539174.544	6239.0943	295.873	23.68	4631.510	459.02	00	85990.5050	30	86021.3914
	59	7541032.730	6244.3000	296.510	23.76	4642.006	460.76	00	86052.3018	30	86083.2363
68	00	7542890.920	6249.5132	297.148	23.85	4652.534	462.51	00	86114.1949	30	86145.1777

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
68	0	7542890.920	6249.5132	297.148	23.85	4652.534	462.51	00	86114.1949	30	86145.1777
	1	7544749.113	6254.7340	297.789	23.94	4663.094	464.26	00	86176.1846	30	86207.2157
	2	7546607.311	6259.9622	298.431	24.03	4673.687	466.02	00	86238.2710	30	86269.3505
	3	7548465.512	6265.1980	299.076	24.12	4684.311	467.79	00	86300.4543	30	86331.5824
	4	7550323.717	6270.4414	299.722	24.21	4694.968	469.57	00	86362.7349	30	86393.9116
68	5	7552181.926	6275.6924	300.370	24.30	4705.657	471.36	00	86425.1128	30	86456.3383
	6	7554040.139	6280.9510	301.020	24.39	4716.379	473.15	00	86487.5883	30	86518.8627
	7	7555898.355	6286.2172	301.673	24.48	4727.133	474.95	00	86550.1617	30	86581.4851
	8	7557756.575	6291.4910	302.327	24.57	4737.921	476.77	00	86612.8331	30	86644.2057
	9	7559614.799	6296.7725	302.983	24.66	4748.741	478.58	00	86675.6028	30	86707.0246
68	10	7561473.027	6302.0617	303.641	24.75	4759.594	480.41	00	86738.4711	30	86769.9422
	11	7563331.258	6307.3585	304.301	24.85	4770.481	482.25	00	86801.4380	30	86832.9586
	12	7565189.494	6312.6631	304.963	24.94	4781.401	484.09	00	86864.5040	30	86896.0741
	13	7567047.733	6317.9754	305.627	25.03	4792.354	485.95	00	86927.6691	30	86959.2889
	14	7568905.975	6323.2954	306.293	25.13	4803.341	487.81	00	86990.9336	30	87022.6032
68	15	7570764.222	6328.6232	306.961	25.22	4814.361	489.68	00	87054.2978	30	87086.0173
	16	7572622.472	6333.9588	307.631	25.31	4825.416	491.56	00	87117.7619	30	87149.5314
	17	7574480.726	6339.3022	308.303	25.41	4836.504	493.44	00	87181.3260	30	87213.1457
	18	7576338.984	6344.6534	308.977	25.50	4847.627	495.34	00	87244.9905	30	87276.8605
	19	7578197.246	6350.0125	309.653	25.60	4858.784	497.24	00	87308.7556	30	87340.6759
68	20	7580055.511	6355.3794	310.331	25.70	4869.975	499.16	00	87372.6215	30	87404.5923
	21	7581913.780	6360.7541	311.011	25.79	4881.200	501.08	00	87436.5884	30	87468.6098
	22	7583772.053	6366.1368	311.693	25.89	4892.460	503.01	00	87500.6565	30	87532.7287
	23	7585630.329	6371.5273	312.378	25.99	4903.755	504.95	00	87564.8262	30	87596.9491
	24	7587488.610	6376.9258	313.064	26.09	4915.085	506.90	00	87629.0976	30	87661.2715
68	25	7589346.894	6382.3323	313.752	26.18	4926.450	508.86	00	87693.4709	30	87725.6959
	26	7591205.181	6387.7467	314.443	26.28	4937.850	510.83	00	87757.9465	30	87790.2226
	27	7593063.473	6393.1690	315.136	26.38	4949.286	512.80	00	87822.5245	30	87854.8519
	28	7594921.768	6398.5994	315.831	26.48	4960.757	514.79	00	87887.2051	30	87919.5840
	29	7596780.067	6404.0378	316.527	26.58	4972.263	516.78	00	87951.9887	30	87984.4192
68	30	7598638.370	6409.4843	317.226	26.68	4983.805	518.79	00	88016.8755	30	88049.3576
	31	7600496.676	6414.9388	317.928	26.78	4995.383	520.80	00	88081.8656	30	88114.3995
	32	7602354.986	6420.4013	318.631	26.89	5006.997	522.82	00	88146.9594	30	88179.5452
	33	7604213.300	6425.8720	319.336	26.99	5018.647	524.86	00	88212.1570	30	88244.7948
	34	7606071.617	6431.3508	320.044	27.09	5030.334	526.90	00	88277.4587	30	88310.1487
68	35	7607929.939	6436.8377	320.754	27.19	5042.056	528.95	00	88342.8649	30	88375.6071
	36	7609788.264	6442.3328	321.466	27.30	5053.816	531.01	00	88408.3756	30	88441.1702
	37	7611646.592	6447.8360	322.180	27.40	5065.612	533.08	00	88473.9912	30	88506.8383
	38	7613504.925	6453.3474	322.896	27.51	5077.445	535.16	00	88539.7118	30	88572.6116
	39	7615363.261	6458.8671	323.615	27.61	5089.315	537.25	00	88605.5378	30	88638.4904
68	40	7617221.601	6464.3949	324.335	27.72	5101.222	539.35	00	88671.4694	30	88704.4749
	41	7619079.944	6469.9310	325.058	27.82	5113.166	541.46	00	88737.5068	30	88770.5653
	42	7620938.291	6475.4754	325.784	27.93	5125.148	543.58	00	88803.6503	30	88836.7619
	43	7622796.642	6481.0281	326.511	28.04	5137.167	545.71	00	88869.9001	30	88903.0650
	44	7624654.997	6486.5890	327.241	28.14	5149.224	547.85	00	88936.2565	30	88969.4748
68	45	7626513.355	6492.1583	327.973	28.25	5161.319	550.00	00	89002.7198	30	89035.9915
	46	7628371.717	6497.7360	328.707	28.36	5173.452	552.16	00	89069.2901	30	89102.6155
	47	7630230.083	6503.3220	329.443	28.47	5185.623	554.33	00	89135.9677	30	89169.3469
	48	7632088.452	6508.9163	330.182	28.58	5197.832	556.51	00	89202.7529	30	89236.1860
	49	7633946.825	6514.5191	330.923	28.69	5210.080	558.70	00	89269.6460	30	89303.1331
68	50	7635805.202	6520.1304	331.666	28.80	5222.366	560.90	00	89336.6472	30	89370.1884
	51	7637663.582	6525.7500	332.412	28.91	5234.691	563.12	00	89403.7567	30	89437.3521
	52	7639521.966	6531.3781	333.160	29.02	5247.055	565.34	00	89470.9748	30	89504.6246
	53	7641380.354	6537.0147	333.910	29.13	5259.459	567.57	00	89538.3017	30	89572.0061
	54	7643238.745	6542.6599	334.663	29.25	5271.901	569.81	00	89605.7378	30	89639.4969
68	55	7645097.140	6548.3135	335.418	29.36	5284.383	572.07	00	89673.2833	30	89707.0971
	56	7646955.539	6553.9757	336.175	29.47	5296.904	574.33	00	89740.9384	30	89774.8071
	57	7648813.941	6559.6464	336.935	29.59	5309.465	576.61	00	89808.7034	30	89842.6272
	58	7650672.348	6565.3258	337.697	29.70	5322.066	578.89	00	89876.5785	30	89910.5575
	59	7652530.757	6571.0137	338.461	29.82	5334.707	581.19	00	89944.5641	30	89978.5984
69	00	7654389.171	6576.7103	339.228	29.93	5347.388	583.50	00	90012.6603	30	90046.7501

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
69	0	7654389.171	6576.7103	339.228	29.93	5347.388	583.50	00	90012.6603	30	90046.7501
	1	7656247.588	6582.4155	339.997	30.05	5360.109	585.82	00	90080.8675	30	90115.0128
	2	7658106.008	6588.1294	340.768	30.17	5372.871	588.15	00	90149.1859	30	90183.3869
	3	7659964.433	6593.8520	341.543	30.29	5385.674	590.49	00	90217.6158	30	90251.8726
	4	7661822.861	6599.5832	342.319	30.40	5398.517	592.84	00	90286.1574	30	90320.4702
69	5	7663681.292	6605.3232	343.098	30.52	5411.402	595.20	00	90354.8110	30	90389.1799
	6	7665539.727	6611.0720	343.879	30.64	5424.327	597.58	00	90423.5769	30	90458.0021
	7	7667398.166	6616.8295	344.663	30.76	5437.294	599.96	00	90492.4554	30	90526.9369
	8	7669256.609	6622.5959	345.449	30.88	5450.302	602.36	00	90561.4466	30	90595.9846
	9	7671115.055	6628.3710	346.238	31.00	5463.352	604.77	00	90630.5509	30	90665.1456
69	10	7672973.505	6634.1550	347.029	31.12	5476.444	607.19	00	90699.7686	30	90734.4201
	11	7674831.958	6639.9478	347.823	31.25	5489.577	609.63	00	90769.0999	30	90803.8083
	12	7676690.415	6645.7496	348.619	31.37	5502.753	612.07	00	90838.5451	30	90873.3105
	13	7678548.876	6651.5602	349.418	31.49	5515.971	614.53	00	90908.1045	30	90942.9271
	14	7680407.340	6657.3797	350.219	31.62	5529.232	616.99	00	90977.7783	30	91012.6582
69	15	7682265.808	6663.2082	351.023	31.74	5542.535	619.47	00	91047.5668	30	91082.5042
	16	7684124.280	6669.0456	351.829	31.87	5555.881	621.96	00	91117.4704	30	91152.4653
	17	7685982.755	6674.8921	352.638	31.99	5569.270	624.47	00	91187.4892	30	91222.5419
	18	7687841.234	6680.7475	353.449	32.12	5582.702	626.98	00	91257.6235	30	91292.7341
	19	7689699.716	6686.6120	354.263	32.24	5596.178	629.51	00	91327.8737	30	91363.0423
69	20	7691558.202	6692.4855	355.080	32.37	5609.697	632.05	00	91398.2400	30	91433.4668
	21	7693416.692	6698.3681	355.899	32.50	5623.259	634.60	00	91468.7227	30	91504.0078
	22	7695275.185	6704.2598	356.721	32.63	5636.866	637.17	00	91539.3221	30	91574.6656
	23	7697133.682	6710.1606	357.546	32.76	5650.517	639.75	00	91610.0384	30	91645.4405
	24	7698992.182	6715.0705	358.373	32.89	5664.211	642.34	00	91680.8719	30	91716.3328
69	25	7700850.686	6721.9897	359.202	33.02	5677.951	644.94	00	91751.8230	30	91787.3427
	26	7702709.194	6727.9179	360.035	33.15	5691.734	647.56	00	91822.8919	30	91858.4706
	27	7704567.705	6733.8555	360.870	33.28	5705.563	650.18	00	91894.0789	30	91929.7168
	28	7706426.220	6739.8022	361.707	33.41	5719.437	652.82	00	91965.3843	30	92001.0814
	29	7708284.738	6745.7582	362.548	33.55	5733.355	655.48	00	92036.8083	30	92072.5649
69	30	7710143.260	6751.7234	363.391	33.68	5747.319	658.14	00	92108.3513	30	92144.1675
	31	7712001.785	6757.6980	364.237	33.81	5761.329	660.82	00	92180.0135	30	92215.8895
	32	7713860.314	6763.6819	365.085	33.95	5775.384	663.52	00	92251.7953	30	92287.7311
	33	7715718.847	6769.6751	365.936	34.09	5789.485	666.22	00	92323.6969	30	92359.6928
	34	7717577.383	6775.6777	366.790	34.22	5803.632	668.94	00	92395.7187	30	92431.7747
69	35	7719435.923	6781.6896	367.647	34.36	5817.825	671.67	00	92467.8608	30	92503.9772
	36	7721294.467	6787.7110	368.506	34.50	5832.065	674.42	00	92540.1237	30	92576.3005
	37	7723153.014	6793.7418	369.369	34.63	5846.351	677.18	00	92612.5076	30	92648.7450
	38	7725011.564	6799.7821	370.234	34.77	5860.684	679.95	00	92685.0128	30	92721.3110
	39	7726870.118	6805.8319	371.101	34.91	5875.064	682.74	00	92757.6396	30	92793.9987
69	40	7728728.676	6811.8911	371.972	35.05	5889.492	685.54	00	92830.3883	30	92866.8084
	41	7730587.237	6817.9599	372.845	35.19	5903.967	688.35	00	92903.2592	30	92939.7406
	42	7732445.802	6824.0383	373.722	35.34	5918.489	691.18	00	92976.2526	30	93012.7953
	43	7734304.370	6830.1262	374.601	35.48	5933.059	694.02	00	93049.3688	30	93085.9730
	44	7736162.942	6836.2237	375.483	35.62	5947.677	696.88	00	93122.6081	30	93159.2740
69	45	7738021.518	6842.3308	376.367	35.77	5962.343	699.75	00	93195.9708	30	93232.6986
	46	7739880.097	6848.4476	377.255	35.91	5977.058	702.63	00	93269.4573	30	93306.2470
	47	7741738.679	6854.5741	378.146	36.06	5991.821	705.53	00	93343.0677	30	93379.9195
	48	7743597.265	6860.7102	379.039	36.20	6006.633	708.45	00	93416.8025	30	93453.7166
	49	7745455.855	6865.8561	379.936	36.35	6021.494	711.37	00	93490.6619	30	93527.6385
69	50	7747314.448	6873.0117	380.835	36.50	6036.404	714.32	00	93564.6463	30	93601.6854
	51	7749173.045	6879.1771	381.737	36.64	6051.363	717.27	00	93638.7559	30	93675.8578
	52	7751031.645	6885.3523	382.642	36.79	6066.373	720.24	00	93712.9911	30	93750.1558
	53	7752890.249	6891.5372	383.550	36.94	6081.431	723.23	00	93787.3521	30	93824.5800
	54	7754748.856	6897.7321	384.461	37.09	6096.540	726.23	00	93861.8394	30	93899.1304
69	55	7756607.467	6903.9368	385.375	37.24	6111.699	729.25	00	93936.4531	30	93973.8075
	56	7758466.081	6910.1513	386.293	37.40	6126.909	732.28	00	94011.1937	30	94048.6116
	57	7760324.699	6916.3758	387.213	37.55	6142.169	735.32	00	94086.0614	30	94123.5430
	58	7762183.320	6922.6103	388.136	37.70	6157.480	738.38	00	94161.0565	30	94198.6020
	59	7764041.945	6928.8547	389.062	37.86	6172.842	741.46	00	94236.1794	30	94273.7889
70	00	7765900.573	6935.1091	389.991	38.01	6188.255	744.55	00	94311.4304	30	94349.1040

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
70	0	7765900.573	6935.1091	389.991	38.01	6188.255	744.55	00	94311.4304	30	94349.1040
	1	7767759.205	6941.3735	390.923	38.17	6203.720	747.66	00	94386.8098	30	94424.5478
	2	7769617.841	6947.6479	391.859	38.32	6219.236	750.78	00	94462.3179	30	94500.1204
	3	7771476.480	6953.9324	392.797	38.48	6234.804	753.92	00	94537.9551	30	94575.8222
	4	7773335.122	6960.2270	393.738	38.64	6250.425	757.08	00	94613.7217	30	94651.6536
70	5	7775193.768	6966.5317	394.683	38.80	6266.097	760.25	00	94689.6179	30	94727.6148
	6	7777052.417	6972.8465	395.631	38.96	6281.823	763.43	00	94765.6442	30	94803.7062
	7	7778911.070	6979.1715	396.582	39.12	6297.601	766.64	00	94841.8008	30	94879.9281
	8	7780769.727	6985.5067	397.536	39.28	6313.432	769.86	00	94918.0881	30	94956.2809
	9	7782628.386	6991.8522	398.493	39.44	6329.316	773.09	00	94994.5064	30	95032.7648
70	10	7784487.050	6998.2078	399.453	39.60	6345.254	776.34	00	95071.0561	30	95109.3803
	11	7786345.717	7004.5737	400.417	39.77	6361.245	779.61	00	95147.7374	30	95186.1275
	12	7788204.387	7010.9500	401.383	39.93	6377.290	782.89	00	95224.5507	30	95263.0070
	13	7790063.061	7017.3365	402.353	40.10	6393.390	786.19	00	95301.4963	30	95340.0189
	14	7791921.738	7023.7334	403.326	40.26	6409.544	789.51	00	95378.5747	30	95417.1637
70	15	7793780.419	7030.1407	404.303	40.43	6425.752	792.85	00	95455.7860	30	95494.4416
	16	7795639.103	7036.5583	405.282	40.60	6442.015	796.20	00	95533.1306	30	95571.8531
	17	7797497.791	7042.9864	406.265	40.76	6458.333	799.56	00	95610.6089	30	95649.3983
	18	7799356.482	7049.4250	407.252	40.93	6474.707	802.95	00	95688.2213	30	95727.0778
	19	7801215.177	7055.8740	408.241	41.10	6491.136	806.35	00	95765.9680	30	95804.8918
70	20	7803073.875	7062.3335	409.234	41.28	6507.620	809.77	00	95843.8494	30	95882.8407
	21	7804932.577	7068.8036	410.230	41.45	6524.161	813.21	00	95921.8658	30	95960.9248
	22	7806791.282	7075.2842	411.229	41.62	6540.758	816.66	00	96000.0176	30	96039.1444
	23	7808649.990	7081.7754	412.232	41.79	6557.412	820.14	00	96078.3052	30	96117.5000
	24	7810508.702	7088.2772	413.238	41.97	6574.122	823.63	00	96156.7288	30	96195.9917
70	25	7812367.418	7094.7897	414.248	42.14	6590.889	827.14	00	96235.2888	30	96274.6201
	26	7814226.136	7101.3128	415.261	42.32	6607.713	830.66	00	96313.9856	30	96353.3854
	27	7816084.859	7107.8466	416.277	42.50	6624.595	834.21	00	96392.8196	30	96432.2880
	28	7817943.584	7114.3912	417.297	42.68	6641.534	837.77	00	96471.7909	30	96511.3283
	29	7819802.314	7120.9464	418.320	42.86	6658.531	841.35	00	96550.9002	30	96590.5066
70	30	7821661.046	7127.5125	419.347	43.04	6675.586	844.95	00	96630.1475	30	96669.8232
	31	7823519.782	7134.0894	420.377	43.22	6692.700	848.56	00	96709.5335	30	96749.2785
	32	7825378.522	7140.6771	421.411	43.40	6709.873	852.20	00	96789.0582	30	96828.8728
	33	7827237.265	7147.2757	422.448	43.58	6727.104	855.86	00	96868.7223	30	96908.6066
	34	7829096.011	7153.8851	423.489	43.76	6744.395	859.53	00	96948.5259	30	96988.4802
70	35	7830954.761	7160.5055	424.533	43.95	6761.745	863.22	00	97028.4695	30	97068.4939
	36	7832813.514	7167.1368	425.581	44.13	6779.154	866.93	00	97108.5534	30	97148.6481
	37	7834672.271	7173.7791	426.632	44.32	6796.624	870.66	00	97188.7780	30	97228.9432
	38	7836531.031	7180.4324	427.687	44.51	6814.154	874.41	00	97269.1436	30	97309.3794
	39	7838389.794	7187.0967	428.745	44.70	6831.744	878.18	00	97349.6506	30	97389.9573
70	40	7840248.561	7193.7721	429.807	44.89	6849.395	881.97	00	97430.2994	30	97470.6771
	41	7842107.332	7200.4586	430.873	45.08	6867.107	885.78	00	97511.0904	30	97551.5393
	42	7843966.105	7207.1562	431.942	45.27	6884.880	889.61	00	97592.0238	30	97632.5441
	43	7845824.883	7213.8649	433.015	45.46	6902.715	893.46	00	97673.1001	30	97713.6920
	44	7847683.663	7220.5848	434.092	45.65	6920.611	897.33	00	97754.3197	30	97794.9833
70	45	7849542.447	7227.3159	435.172	45.85	6938.570	901.21	00	97835.6829	30	97876.4184
	46	7851401.234	7234.0583	436.256	46.04	6956.591	905.12	00	97917.1900	30	97957.9977
	47	7853260.025	7240.8119	437.344	46.24	6974.674	909.05	00	97998.8416	30	98039.7216
	48	7855118.819	7247.5768	438.435	46.44	6992.820	913.00	00	98080.6378	30	98121.5904
	49	7856977.617	7254.3530	439.530	46.64	7011.030	916.97	00	98162.5792	30	98203.6045
70	50	7858836.418	7261.1406	440.629	46.84	7029.303	920.96	00	98244.6661	30	98285.7642
	51	7860695.222	7267.9395	441.732	47.04	7047.639	924.97	00	98326.8989	30	98368.0701
	52	7862554.030	7274.7499	442.838	47.24	7066.039	929.01	00	98409.2779	30	98450.5223
	53	7864412.841	7281.5717	443.949	47.44	7084.504	933.06	00	98491.8035	30	98533.1214
	54	7866271.655	7288.4049	445.063	47.64	7103.033	937.13	00	98574.4762	30	98615.8678
70	55	7868130.473	7295.2497	446.181	47.85	7121.627	941.23	00	98657.2962	30	98698.7617
	56	7869989.294	7302.1060	447.303	48.05	7140.286	945.35	00	98740.2641	30	98781.8036
	57	7871848.119	7308.9738	448.428	48.26	7159.010	949.49	00	98823.3801	30	98864.9938
	58	7873706.947	7315.8533	449.558	48.47	7177.800	953.65	00	98906.6447	30	98948.3329
	59	7875565.778	7322.7444	450.692	48.68	7196.656	957.83	00	98990.0583	30	99031.8211
71	00	7877424.613	7329.6471	451.829	48.89	7215.579	962.04	00	99073.6212	30	99115.4588

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
71	0	7877424.613	7329.6471	451.829	48.89	7215.579	962.04	00	99073.6212	30	99115.4588
	1	7879283.451	7336.5615	452.970	49.10	7234.567	966.27	00	99157.3339	30	99199.2465
	2	7881142.292	7343.4876	454.116	49.31	7253.623	970.52	00	99241.1967	30	99283.1845
	3	7883001.137	7350.4254	455.265	49.52	7272.745	974.79	00	99325.2100	30	99367.2732
	4	7884859.985	7357.3751	456.418	49.74	7291.935	979.08	00	99409.3742	30	99451.5131
71	5	7886718.837	7364.3365	457.576	49.95	7311.193	983.40	00	99493.6898	30	99535.9045
	6	7888577.691	7371.3098	458.737	50.17	7330.519	987.74	00	99578.1571	30	99620.4478
	7	7890436.550	7378.2945	459.903	50.39	7349.913	992.10	00	99662.7766	30	99705.1434
	8	7892295.411	7385.2920	461.072	50.61	7369.375	996.49	00	99747.5485	30	99789.9918
	9	7894154.276	7392.3010	462.246	50.83	7388.907	1000.90	00	99832.4734	30	99874.9934
71	10	7896013.144	7399.3219	463.424	51.05	7408.508	1005.33	00	99917.5517	30	99960.1484
	11	7897872.016	7406.3548	464.605	51.27	7428.178	1009.79	00	100002.7837	30	100045.4574
	12	7899730.891	7413.3998	465.791	51.50	7447.918	1014.27	00	100088.1698	30	100130.9208
	13	7901589.769	7420.4568	466.981	51.72	7467.728	1018.78	00	100173.7105	30	100216.5390
	14	7903448.650	7427.5259	468.176	51.95	7487.609	1023.31	00	100259.4062	30	100302.3123
71	15	7905307.535	7434.6072	469.374	52.18	7507.560	1027.86	00	100345.2573	30	100388.2413
	16	7907166.423	7441.7006	470.577	52.40	7527.582	1032.44	00	100431.2642	30	100474.3262
	17	7909025.315	7448.8062	471.784	52.63	7547.676	1037.04	00	100517.4274	30	100560.5676
	18	7910884.210	7455.9240	472.995	52.86	7567.842	1041.66	00	100603.7471	30	100646.9659
	19	7912743.108	7463.0540	474.211	53.10	7588.079	1046.32	00	100690.2239	30	100733.5214
71	20	7914602.009	7470.1964	475.430	53.33	7608.389	1050.99	00	100776.8582	30	100820.2346
	21	7916460.914	7477.3511	476.654	53.56	7628.772	1055.69	00	100863.6504	30	100907.1059
	22	7918319.822	7484.5181	477.883	53.80	7649.227	1060.42	00	100950.6009	30	100994.1357
	23	7920178.734	7491.6975	479.116	54.04	7669.756	1065.17	00	101037.7102	30	101081.3245
	24	7922037.648	7498.8893	480.353	54.28	7690.359	1069.95	00	101124.9787	30	101168.6727
71	25	7923896.566	7506.0936	481.594	54.52	7711.035	1074.75	00	101212.4067	30	101256.1807
	26	7925755.488	7513.3104	482.840	54.76	7731.786	1079.58	00	101299.9948	30	101343.8490
	27	7927614.412	7520.5397	484.091	55.00	7752.612	1084.44	00	101387.7433	30	101431.6779
	28	7929473.340	7527.7815	485.345	55.24	7773.512	1089.32	00	101475.6528	30	101519.6680
	29	7931332.271	7535.0360	486.605	55.49	7794.488	1094.23	00	101563.7235	30	101607.8196
71	30	7933191.206	7542.3030	487.868	55.73	7815.539	1099.16	00	101651.9561	30	101696.1331
	31	7935050.144	7549.5827	489.137	55.98	7836.667	1104.12	00	101740.3508	30	101784.6091
	32	7936909.085	7556.8752	490.409	56.23	7857.871	1109.11	00	101828.9082	30	101873.2480
	33	7938768.029	7564.1803	491.687	56.48	7879.151	1114.12	00	101917.6286	30	101962.0502
	34	7940626.977	7571.4982	492.969	56.73	7900.509	1119.17	00	102006.5126	30	102051.0161
71	35	7942485.928	7578.8289	494.255	56.98	7921.944	1124.24	00	102095.5606	30	102140.1462
	36	7944344.882	7586.1724	495.546	57.24	7943.456	1129.33	00	102184.7729	30	102229.4409
	37	7946203.839	7593.5288	496.842	57.49	7965.047	1134.46	00	102274.1502	30	102318.9007
	38	7948062.800	7600.8980	498.142	57.75	7986.716	1139.61	00	102363.6927	30	102408.5261
	39	7949921.764	7608.2803	499.447	58.01	8008.464	1144.79	00	102453.4010	30	102498.3174
71	40	7951780.731	7615.6755	500.757	58.27	8030.291	1150.00	00	102543.2755	30	102588.2752
	41	7953639.702	7623.0836	502.071	58.53	8052.198	1155.24	00	102633.3166	30	102678.3999
	42	7955498.675	7630.5049	503.391	58.79	8074.185	1160.51	00	102723.5249	30	102768.6919
	43	7957357.652	7637.9392	504.714	59.06	8096.251	1165.80	00	102813.9008	30	102859.1517
	44	7959216.633	7645.3866	506.043	59.32	8118.399	1171.13	00	102904.4446	30	102949.7797
71	45	7961075.616	7652.8472	507.377	59.59	8140.627	1176.48	00	102995.1570	30	103040.5765
	46	7962934.603	7660.3209	508.715	59.86	8162.937	1181.86	00	103086.0384	30	103131.5425
	47	7964793.593	7667.8079	510.058	60.13	8185.328	1187.28	00	103177.0891	30	103222.6782
	48	7966652.586	7675.3082	511.406	60.40	8207.802	1192.72	00	103268.3097	30	103313.9839
	49	7968511.583	7682.8217	512.759	60.67	8230.358	1198.19	00	103359.7007	30	103405.4602
71	50	7970370.583	7690.3485	514.117	60.95	8252.997	1203.70	00	103451.2625	30	103497.1076
	51	7972229.586	7697.8888	515.480	61.22	8275.719	1209.23	00	103542.9956	30	103588.9265
	52	7974088.592	7705.4424	516.847	61.50	8298.525	1214.79	00	103634.9005	30	103680.9174
	53	7975947.601	7713.0095	518.220	61.78	8321.415	1220.39	00	103726.9775	30	103773.0808
	54	7977806.614	7720.5900	519.598	62.06	8344.389	1226.01	00	103819.2273	30	103865.4171
71	55	7979665.630	7728.1841	520.981	62.34	8367.448	1231.67	00	103911.6503	30	103957.9269
	56	7981524.649	7735.7917	522.368	62.63	8390.592	1237.36	00	104004.2470	30	104050.6105
	57	7983383.671	7743.4129	523.761	62.91	8413.822	1243.08	00	104097.0177	30	104143.4686
	58	7985242.697	7751.0478	525.159	63.20	8437.137	1248.83	00	104189.9632	30	104236.5015
	59	7987101.726	7758.6963	526.562	63.49	8460.539	1254.61	00	104283.0837	30	104329.7098
72	00	7988960.758	7766.3585	527.970	63.78	8484.028	1260.43	00	104376.3798	30	104423.0939

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
72	0	7988960.758	7766.3585	527.970	63.78	8484.028	1260.43	00	104376.3798	30	104423.0939
	1	7990819.793	7774.0345	529.384	64.07	8507.604	1266.27	00	104469.8520	30	104516.6543
	2	7992678.831	7781.7242	530.802	64.36	8531.268	1272.15	00	104563.5008	30	104610.3916
	3	7994537.873	7789.4277	532.226	64.65	8555.019	1278.07	00	104657.3267	30	104704.3062
	4	7996396.918	7797.1452	533.655	64.95	8578.859	1284.01	00	104751.3301	30	104798.3986
72	5	7998255.966	7804.8765	535.089	65.25	8602.788	1289.99	00	104845.5116	30	104892.6692
	6	8000115.017	7812.6217	536.529	65.55	8626.805	1296.00	00	104939.8716	30	104987.1187
	7	8001974.072	7820.3809	537.974	65.85	8650.913	1302.05	00	105034.4107	30	105081.7475
	8	8003833.129	7828.1542	539.424	66.15	8675.110	1308.13	00	105129.1293	30	105176.5561
	9	8005692.190	7835.9414	540.879	66.46	8699.398	1314.25	00	105224.0280	30	105271.5450
72	10	8007551.254	7843.7428	542.340	66.76	8723.777	1320.40	00	105319.1073	30	105366.7148
	11	8009410.321	7851.5583	543.807	67.07	8748.247	1326.58	00	105414.3676	30	105462.0658
	12	8011269.392	7859.3880	545.279	67.38	8772.809	1332.80	00	105509.8095	30	105557.5987
	13	8013128.465	7867.2319	546.756	67.69	8797.463	1339.05	00	105605.4334	30	105653.3139
	14	8014987.542	7875.0901	548.238	68.01	8822.210	1345.34	00	105701.2400	30	105749.2119
72	15	8016846.622	7882.9625	549.727	68.32	8847.050	1351.66	00	105797.2297	30	105845.2934
	16	8018705.705	7890.8493	551.220	68.64	8871.983	1358.02	00	105893.4030	30	105941.5587
	17	8020564.791	7898.7504	552.720	68.96	8897.010	1364.42	00	105989.7605	30	106038.0084
	18	8022423.881	7906.6660	554.225	69.28	8922.132	1370.85	00	106086.3026	30	106134.6430
	19	8024282.973	7914.5960	555.735	69.60	8947.348	1377.32	00	106183.0299	30	106231.4631
72	20	8026142.069	7922.5405	557.251	69.92	8972.659	1383.82	00	106279.9429	30	106328.4692
	21	8028001.168	7930.4995	558.773	70.25	8998.067	1390.36	00	106377.0421	30	106425.6618
	22	8029860.270	7938.4731	560.301	70.58	9023.570	1396.94	00	106474.3281	30	106523.0413
	23	8031719.375	7946.4614	561.834	70.91	9049.170	1403.56	00	106571.8014	30	106620.6085
	24	8033578.483	7954.4643	563.373	71.24	9074.867	1410.21	00	106669.4626	30	106718.3637
72	25	8035437.595	7962.4819	564.918	71.57	9100.662	1416.91	00	106767.3120	30	106816.3076
	26	8037296.710	7970.5142	566.468	71.91	9126.554	1423.64	00	106865.3504	30	106914.4406
	27	8039155.827	7978.5614	568.025	72.24	9152.545	1430.41	00	106963.5782	30	107012.7633
	28	8041014.948	7986.6233	569.587	72.58	9178.635	1437.21	00	107061.9960	30	107111.2763
	29	8042874.073	7994.7001	571.155	72.92	9204.825	1444.06	00	107160.6043	30	107209.9801
72	30	8044733.200	8002.7919	572.729	73.27	9231.114	1450.94	00	107259.4037	30	107308.8752
	31	8046592.330	8010.8986	574.309	73.61	9257.503	1457.87	00	107358.3946	30	107407.9621
	32	8048451.464	8019.0203	575.895	73.96	9283.994	1464.83	00	107457.5777	30	107507.2415
	33	8050310.600	8027.1570	577.487	74.31	9310.585	1471.84	00	107556.9535	30	107606.7139
	34	8052169.740	8035.3088	579.085	74.66	9337.279	1478.88	00	107656.5226	30	107706.3798
72	35	8054028.883	8043.4758	580.690	75.01	9364.075	1485.97	00	107756.2855	30	107806.2397
	36	8055888.029	8051.6579	582.300	75.36	9390.973	1493.09	00	107856.2427	30	107906.2944
	37	8057747.178	8059.8553	583.916	75.72	9417.975	1500.26	00	107956.3948	30	108006.5442
	38	8059606.330	8068.0679	585.538	76.08	9445.080	1507.47	00	108056.7425	30	108106.9898
	39	8061465.486	8076.2958	587.167	76.44	9472.290	1514.72	00	108157.2862	30	108207.6317
72	40	8063324.644	8084.5390	588.802	76.80	9499.605	1522.01	00	108258.0265	30	108308.4705
	41	8065183.806	8092.7977	590.443	77.17	9527.025	1529.34	00	108358.9640	30	108409.5068
	42	8067042.970	8101.0718	592.090	77.53	9554.550	1536.72	00	108460.0992	30	108510.7411
	43	8068902.138	8109.3613	593.744	77.90	9582.182	1544.14	00	108561.4327	30	108612.1741
	44	8070761.309	8117.6664	595.404	78.27	9609.921	1551.60	00	108662.9652	30	108713.8062
72	45	8072620.483	8125.9871	597.070	78.65	9637.767	1559.11	00	108764.6971	30	108815.6380
	46	8074479.660	8134.3233	598.742	79.02	9665.720	1566.66	00	108866.6291	30	108917.6702
	47	8076338.840	8142.6753	600.421	79.40	9693.783	1574.25	00	108968.7617	30	109019.9034
	48	8078198.023	8151.0429	602.107	79.78	9721.954	1581.89	00	109071.0955	30	109122.3380
	49	8080057.210	8159.4263	603.799	80.16	9750.234	1589.57	00	109173.6311	30	109224.9747
72	50	8081916.399	8167.8255	605.497	80.55	9778.624	1597.30	00	109276.3691	30	109327.8141
	51	8083775.592	8176.2406	607.202	80.93	9807.125	1605.07	00	109379.3100	30	109430.8568
	52	8085634.787	8184.6715	608.914	81.32	9835.737	1612.89	00	109482.4546	30	109534.1033
	53	8087493.986	8193.1184	610.632	81.71	9864.460	1620.75	00	109585.8033	30	109637.5543
	54	8089353.188	8201.5812	612.357	82.11	9893.296	1628.66	00	109689.3567	30	109741.2104
72	55	8091212.392	8210.0601	614.089	82.50	9922.244	1636.61	00	109793.1155	30	109845.0721
	56	8093071.600	8218.5551	615.827	82.90	9951.305	1644.62	00	109897.0803	30	109949.1401
	57	8094930.811	8227.0662	617.572	83.30	9980.480	1652.67	00	110001.2516	30	110053.4149
	58	8096790.025	8235.5934	619.323	83.70	10009.770	1660.76	00	110105.6301	30	110157.8972
	59	8098649.242	8244.1369	621.082	84.11	10039.174	1668.91	00	110210.2164	30	110262.5876
73	00	8100508.462	8252.6967	622.847	84.52	10068.694	1677.10	00	110315.0110	30	110367.4867

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
73	0	8100508.462	8252.6967	622.847	84.52	10068.694	1677.10	00	110315.0110	30	110367.4867
	1	8102367.685	8261.2728	624.619	84.93	10098.329	1685.34	00	110420.0147	30	110472.5951
	2	8104226.912	8269.8652	626.398	85.34	10128.081	1693.63	00	110525.2280	30	110577.9134
	3	8106086.141	8278.4740	628.184	85.75	10157.951	1701.97	00	110630.6515	30	110683.4422
	4	8107945.373	8287.0993	629.977	86.17	10187.938	1710.35	00	110736.2858	30	110789.1823
73	5	8109804.609	8295.7412	631.777	86.59	10218.043	1718.79	00	110842.1317	30	110895.1341
	6	8111663.847	8304.3995	633.584	87.01	10248.267	1727.28	00	110948.1896	30	111001.2983
	7	8113523.088	8313.0745	635.399	87.44	10278.611	1735.82	00	111054.4603	30	111107.6756
	8	8115382.333	8321.7662	637.220	87.86	10309.075	1744.40	00	111160.9443	30	111214.2665
	9	8117241.580	8330.4745	639.048	88.29	10339.659	1753.04	00	111267.6423	30	111321.0718
73	10	8119100.831	8339.1996	640.884	88.73	10370.365	1761.73	00	111374.5549	30	111428.0920
	11	8120960.085	8347.9415	642.726	89.16	10401.193	1770.48	00	111481.6829	30	111535.3277
	12	8122819.341	8356.7003	644.576	89.60	10432.142	1779.27	00	111589.0267	30	111642.7797
	13	8124678.601	8365.4760	646.434	90.04	10463.216	1788.12	00	111696.5870	30	111750.4486
	14	8126537.864	8374.2686	648.298	90.48	10494.412	1797.02	00	111804.3646	30	111858.3350
73	15	8128397.129	8383.0783	650.170	90.92	10525.733	1805.97	00	111912.3600	30	111966.4396
	16	8130256.398	8391.9050	652.049	91.37	10557.179	1814.98	00	112020.5739	30	112074.7630
	17	8132115.670	8400.7488	653.936	91.82	10588.751	1824.04	00	112129.0069	30	112183.3058
	18	8133974.944	8409.6097	655.830	92.28	10620.448	1833.15	00	112237.6598	30	112292.0688
	19	8135834.222	8418.4879	657.732	92.73	10652.273	1842.32	00	112346.5331	30	112401.0526
73	20	8137693.503	8427.3834	659.641	93.19	10684.224	1851.55	00	112455.6275	30	112510.2578
	21	8139552.786	8436.2961	661.558	93.65	10716.304	1860.83	00	112564.9437	30	112619.6852
	22	8141412.073	8445.2263	663.482	94.11	10748.513	1870.16	00	112674.4824	30	112729.3353
	23	8143271.363	8454.1738	665.415	94.58	10780.851	1879.56	00	112784.2441	30	112839.2089
	24	8145130.656	8463.1388	667.354	95.05	10813.319	1889.01	00	112894.2297	30	112949.3066
73	25	8146989.951	8472.1214	669.302	95.52	10845.917	1898.51	00	113004.4397	30	113059.6291
	26	8148849.250	8481.1215	671.257	96.00	10878.647	1908.08	00	113114.8749	30	113170.1771
	27	8150708.552	8490.1393	673.220	96.48	10911.509	1917.70	00	113225.5359	30	113280.9513
	28	8152567.856	8499.1747	675.191	96.96	10944.504	1927.38	00	113336.4234	30	113391.9523
	29	8154427.164	8508.2279	677.170	97.44	10977.632	1937.12	00	113447.5381	30	113503.1809
73	30	8156286.475	8517.2989	679.157	97.93	11010.894	1946.91	00	113558.8807	30	113614.6376
	31	8158145.788	8526.3877	681.151	98.42	11044.290	1956.77	00	113670.4518	30	113726.3233
	32	8160005.105	8535.4944	683.154	98.91	11077.822	1966.69	00	113782.2522	30	113838.2386
	33	8161864.424	8544.6191	685.165	99.41	11111.490	1976.67	00	113894.2826	30	113950.3842
	34	8163723.747	8553.7618	687.184	99.90	11145.294	1986.71	00	114006.5436	30	114062.7608
73	35	8165583.073	8562.9226	689.211	100.41	11179.236	1996.80	00	114119.0360	30	114175.3692
	36	8167442.401	8572.1014	691.246	100.91	11213.317	2006.97	00	114231.7604	30	114288.2099
	37	8169301.732	8581.2985	693.289	101.42	11247.536	2017.19	00	114344.7177	30	114401.2838
	38	8171161.067	8590.5138	695.341	101.93	11281.894	2027.48	00	114457.9084	30	114514.5915
	39	8173020.404	8599.7473	697.401	102.44	11316.393	2037.83	00	114571.3333	30	114628.1338
73	40	8174879.744	8608.9992	699.469	102.96	11351.033	2048.24	00	114684.9931	30	114741.9113
	41	8176739.088	8618.2695	701.545	103.48	11385.814	2058.71	00	114798.8885	30	114855.9249
	42	8178598.434	8627.5583	703.631	104.00	11420.738	2069.26	00	114913.0203	30	114970.1751
	43	8180457.783	8636.8656	705.724	104.53	11455.805	2079.86	00	115027.3892	30	115084.6628
	44	8182317.135	8646.1914	707.826	105.06	11491.015	2090.53	00	115141.9959	30	115199.3887
73	45	8184176.490	8655.5359	709.937	105.59	11526.371	2101.27	00	115256.8412	30	115314.3535
	46	8186035.848	8664.8990	712.056	106.13	11561.871	2112.07	00	115371.9257	30	115429.5579
	47	8187895.209	8674.2809	714.184	106.67	11597.518	2122.94	00	115487.2502	30	115545.0027
	48	8189754.573	8683.6816	716.320	107.21	11633.312	2133.88	00	115602.8155	30	115660.6887
	49	8191613.939	8693.1012	718.465	107.76	11669.253	2144.88	00	115718.6223	30	115776.6165
73	50	8193473.309	8702.5396	720.619	108.31	11705.343	2155.96	00	115834.6713	30	115892.7869
	51	8195332.682	8711.9971	722.782	108.86	11741.582	2167.10	00	115950.9634	30	116009.2007
	52	8197192.057	8721.4736	724.954	109.42	11777.970	2178.31	00	116067.4991	30	116125.8587
	53	8199051.435	8730.9691	727.134	109.98	11814.510	2189.59	00	116184.2794	30	116242.7615
	54	8200910.817	8740.4838	729.324	110.54	11851.200	2200.94	00	116301.3049	30	116359.9099
73	55	8202770.201	8750.0178	731.522	111.11	11888.044	2212.36	00	116418.5765	30	116477.3048
	56	8204629.588	8759.5710	733.730	111.68	11925.040	2223.86	00	116536.0948	30	116594.9468
	57	8206488.978	8769.1435	735.947	112.25	11962.190	2235.42	00	116653.8607	30	116712.8368
	58	8208348.371	8778.7354	738.172	112.83	11999.494	2247.06	00	116771.8750	30	116830.9754
	59	8210207.767	8788.3468	740.407	113.41	12036.954	2258.77	00	116890.1383	30	116949.3636
74	00	8212067.166	8797.9777	742.652	114.00	12074.570	2270.55	00	117008.6515	30	117068.0021

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
74	0	8212067.166	8797.9777	742.652	114.00	12074.570	2270.55	00	117008.6515	30	117068.0021
	1	8213926.567	8807.6282	744.905	114.58	12112.344	2282.41	00	117127.4154	30	117186.8916
	2	8215785.972	8817.2982	747.168	115.18	12150.275	2294.34	00	117246.4307	30	117306.0329
	3	8217645.379	8826.9880	749.440	115.77	12188.365	2306.34	00	117365.6983	30	117425.4269
	4	8219504.790	8836.6976	751.722	116.37	12226.614	2318.43	00	117485.2188	30	117545.0743
74	5	8221364.203	8846.4270	754.013	116.97	12265.024	2330.58	00	117604.9932	30	117664.9759
	6	8223223.619	8856.1762	756.314	117.58	12303.595	2342.82	00	117725.0223	30	117785.1325
	7	8225083.038	8865.9454	758.624	118.19	12342.328	2355.13	00	117845.3067	30	117905.5450
	8	8226942.460	8875.7346	760.944	118.81	12381.224	2367.52	00	117965.8474	30	118026.2140
	9	8228801.885	8885.5439	763.273	119.43	12420.284	2379.99	00	118086.6451	30	118147.1406
74	10	8230661.312	8895.3733	765.613	120.05	12459.508	2392.53	00	118207.7006	30	118268.3253
	11	8232520.743	8905.2230	767.962	120.67	12498.898	2405.16	00	118329.0148	30	118389.7692
	12	8234380.176	8915.0928	770.321	121.31	12538.454	2417.86	00	118450.5885	30	118511.4729
	13	8236239.612	8924.9830	772.690	121.94	12578.178	2430.65	00	118572.4225	30	118633.4373
	14	8238099.051	8934.8936	775.068	122.58	12618.069	2443.52	00	118694.5176	30	118755.6633
74	15	8239958.493	8944.8247	777.457	123.22	12658.130	2456.47	00	118816.8746	30	118878.1516
	16	8241817.938	8954.7763	779.856	123.87	12698.361	2469.50	00	118939.4944	30	119000.9032
	17	8243677.386	8964.7484	782.265	124.52	12738.762	2482.61	00	119062.3779	30	119123.9187
	18	8245536.836	8974.7413	784.684	125.17	12779.335	2495.81	00	119185.5258	30	119247.1992
	19	8247396.290	8984.7548	787.113	125.83	12820.081	2509.10	00	119308.9390	30	119370.7454
74	20	8249255.746	8994.7891	789.552	126.49	12861.001	2522.46	00	119432.6184	30	119494.5581
	21	8251115.205	9004.8443	792.002	127.16	12902.095	2535.92	00	119556.5647	30	119618.6383
	22	8252974.667	9014.9204	794.462	127.83	12943.364	2549.46	00	119680.7789	30	119742.9867
	23	8254834.131	9025.0174	796.933	128.51	12984.810	2563.08	00	119805.2618	30	119867.6043
	24	8256693.599	9035.1356	799.414	129.19	13026.433	2576.80	00	119930.0143	30	119992.4919
74	25	8258553.069	9045.2748	801.906	129.87	13068.234	2590.60	00	120055.0372	30	120117.6504
	26	8260412.542	9055.4352	804.408	130.56	13110.215	2604.49	00	120180.3315	30	120243.0806
	27	8262272.018	9065.6169	806.921	131.25	13152.375	2618.47	00	120305.8978	30	120368.7834
	28	8264131.497	9075.8199	809.444	131.95	13194.717	2632.54	00	120431.7373	30	120494.7597
	29	8265990.979	9086.0443	811.979	132.65	13237.241	2646.70	00	120557.8507	30	120621.0103
74	30	8267850.463	9096.2902	814.524	133.36	13279.948	2660.96	00	120684.2388	30	120747.5363
	31	8269709.951	9106.5576	817.080	134.07	13322.839	2675.30	00	120810.9027	30	120874.3383
	32	8271569.441	9116.8466	819.647	134.79	13365.915	2689.74	00	120937.8432	30	121001.4174
	33	8273428.934	9127.1573	822.225	135.51	13409.177	2704.27	00	121065.0611	30	121128.7745
	34	8275288.429	9137.4897	824.814	136.23	13452.627	2718.90	00	121192.5575	30	121256.4103
74	35	8277147.928	9147.8439	827.414	136.96	13496.264	2733.62	00	121320.3331	30	121384.3259
	36	8279007.429	9158.2200	830.025	137.70	13540.091	2748.44	00	121448.3889	30	121512.5222
	37	8280866.933	9168.6181	832.647	138.44	13584.107	2763.35	00	121576.7259	30	121641.0000
	38	8282726.440	9179.0382	835.281	139.18	13628.315	2778.36	00	121705.3448	30	121769.7603
	39	8284585.950	9189.4804	837.926	139.93	13672.715	2793.47	00	121834.2467	30	121898.8040
74	40	8286445.462	9199.9447	840.583	140.68	13717.308	2808.68	00	121963.4324	30	122028.1320
	41	8288304.978	9210.4313	843.251	141.44	13762.096	2823.99	00	122092.9029	30	122157.7453
	42	8290164.496	9220.9402	845.931	142.20	13807.079	2839.40	00	122222.6591	30	122287.6447
	43	8292024.017	9231.4715	848.622	142.97	13852.258	2854.90	00	122352.7020	30	122417.8313
	44	8293883.540	9242.0253	851.325	143.75	13897.635	2870.51	00	122483.0325	30	122548.3059
74	45	8295743.067	9252.6016	854.039	144.53	13943.211	2886.23	00	122613.6515	30	122679.0695
	46	8297602.596	9263.2005	856.766	145.31	13988.986	2902.04	00	122744.5600	30	122810.1230
	47	8299462.128	9273.8220	859.504	146.10	14034.962	2917.96	00	122875.7589	30	122941.4675
	48	8301321.663	9284.4664	862.254	146.89	14081.139	2933.99	00	123007.2491	30	123073.1038
	49	8303181.200	9295.1335	865.016	147.69	14127.520	2950.12	00	123139.0318	30	123205.0330
74	50	8305040.740	9305.8236	867.790	148.50	14174.105	2966.36	00	123271.1077	30	123337.2559
	51	8306900.283	9316.5367	870.577	149.31	14220.895	2982.70	00	123403.4779	30	123469.7736
	52	8308759.829	9327.2728	873.375	150.12	14267.891	2999.16	00	123536.1433	30	123602.5871
	53	8310619.378	9338.0321	876.186	150.94	14315.095	3015.72	00	123669.1050	30	123735.6972
	54	8312478.929	9348.8145	879.009	151.77	14362.508	3032.39	00	123802.3638	30	123869.1050
74	55	8314338.483	9359.6203	881.845	152.60	14410.130	3049.17	00	123935.9209	30	124002.8115
	56	8316198.040	9370.4494	884.693	153.44	14457.963	3066.07	00	124069.7771	30	124136.8177
	57	8318057.599	9381.3020	887.553	154.28	14506.009	3083.07	00	124203.9335	30	124271.1246
	58	8319917.162	9392.1781	890.426	155.13	14554.267	3100.19	00	124338.3911	30	124405.7331
	59	8321776.727	9403.0778	893.312	155.98	14602.741	3117.43	00	124473.1508	30	124540.6443
75	00	8323636.294	9414.0012	896.211	156.84	14651.429	3134.78	00	124608.2137	30	124675.8591

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
75	0	8323636.294	9414.0012	896.211	156.84	14651.429	3134.78	00	124608.2137	30	124675.8591
	1	8325495.865	9424.9483	899.122	157.70	14700.335	3152.24	00	124743.5808	30	124811.3787
	2	8327355.438	9435.9193	902.046	158.57	14749.459	3169.83	00	124879.2531	30	124947.2040
	3	8329215.014	9446.9142	904.983	159.45	14798.802	3187.53	00	125015.2316	30	125083.3360
	4	8331074.593	9457.9330	907.933	160.33	14848.366	3205.35	00	125151.5173	30	125219.7757
75	5	8332934.174	9468.9760	910.897	161.22	14898.151	3223.29	00	125288.1114	30	125356.5243
	6	8334793.758	9480.0431	913.873	162.12	14948.159	3241.35	00	125425.0147	30	125493.5827
	7	8336653.345	9491.1345	916.863	163.02	14998.392	3259.53	00	125562.2284	30	125630.9520
	8	8338512.934	9502.2502	919.866	163.92	15048.850	3277.83	00	125699.7535	30	125768.6331
	9	8340372.527	9513.3903	922.882	164.84	15099.535	3296.26	00	125837.5910	30	125906.6273
75	10	8342232.122	9524.5548	925.912	165.75	15150.448	3314.81	00	125975.7421	30	126044.9355
	11	8344091.719	9535.7440	928.955	166.68	15201.590	3333.49	00	126114.2076	30	126183.5587
	12	8345951.320	9546.9578	932.012	167.61	15252.963	3352.29	00	126252.9888	30	126322.4981
	13	8347810.923	9558.1963	935.083	168.55	15304.568	3371.22	00	126392.0867	30	126461.7547
	14	8349670.528	9569.4597	938.167	169.49	15356.406	3390.28	00	126531.5023	30	126601.3297
75	15	8351530.137	9580.7479	941.266	170.44	15408.478	3409.47	00	126671.2368	30	126741.2239
	16	8353389.748	9592.0612	944.378	171.40	15460.787	3428.79	00	126811.2912	30	126881.4387
	17	8355249.362	9603.3995	947.504	172.36	15513.333	3448.24	00	126951.6665	30	127021.9749
	18	8357108.978	9614.7630	950.645	173.33	15566.117	3467.82	00	127092.3640	30	127162.8339
	19	8358968.597	9626.1517	953.799	174.31	15619.141	3487.54	00	127233.3847	30	127304.0165
75	20	8360828.219	9637.5657	956.968	175.29	15672.407	3507.39	00	127374.7296	30	127445.5240
	21	8362687.844	9649.0052	960.151	176.28	15725.915	3527.38	00	127516.3999	30	127587.3574
	22	8364547.471	9660.4702	963.348	177.27	15779.667	3547.51	00	127658.3967	30	127729.5179
	23	8366407.101	9671.9607	966.560	178.28	15833.665	3567.77	00	127800.7212	30	127872.0066
	24	8368266.734	9683.4770	969.787	179.29	15887.909	3588.17	00	127943.3744	30	128014.8246
75	25	8370126.369	9695.0190	973.028	180.30	15942.402	3608.71	00	128086.3575	30	128157.9731
	26	8371986.007	9706.5868	976.284	181.33	15997.144	3629.39	00	128229.6715	30	128301.4531
	27	8373845.647	9718.1806	979.555	182.36	16052.138	3650.22	00	128373.3177	30	128445.2658
	28	8375705.291	9729.8005	982.841	183.40	16107.384	3671.19	00	128517.2972	30	128589.4123
	29	8377564.936	9741.4464	986.141	184.44	16162.884	3692.30	00	128661.6112	30	128733.8939
75	30	8379424.585	9753.1186	989.457	185.49	16218.640	3713.56	00	128806.2607	30	128878.7116
	31	8381284.236	9764.8171	992.788	186.55	16274.652	3734.97	00	128951.2469	30	129023.8667
	32	8383143.890	9775.5419	996.134	187.62	16330.923	3756.53	00	129096.5711	30	129169.3602
	33	8385003.546	9788.2933	999.496	188.69	16387.454	3778.23	00	129242.2343	30	129315.1934
	34	8386863.206	9800.0712	1002.873	189.77	16444.246	3800.09	00	129388.2377	30	129461.3674
75	35	8388722.867	9811.8758	1006.265	190.86	16501.301	3822.09	00	129534.5826	30	129607.8835
	36	8390582.532	9823.7072	1009.673	191.96	16558.621	3844.25	00	129681.2701	30	129754.7427
	37	8392442.199	9835.5654	1013.097	193.06	16616.206	3866.57	00	129828.3014	30	129901.9464
	38	8394301.868	9847.4506	1016.536	194.17	16674.059	3889.04	00	129975.6777	30	130049.4956
	39	8396161.541	9859.3628	1019.992	195.29	16732.182	3911.67	00	130123.4002	30	130197.3917
75	40	8398021.216	9871.3021	1023.463	196.42	16790.574	3934.45	00	130271.4702	30	130345.6358
	41	8399880.893	9883.2687	1026.951	197.56	16849.239	3957.40	00	130419.8887	30	130494.2291
	42	8401740.573	9895.2626	1030.454	198.70	16908.178	3980.50	00	130568.6571	30	130643.1728
	43	8403600.256	9907.2840	1033.974	199.85	16967.392	4003.77	00	130717.7765	30	130792.4682
	44	8405459.941	9919.3328	1037.511	201.01	17026.884	4027.20	00	130867.2482	30	130942.1166
75	45	8407319.629	9931.4093	1041.063	202.18	17086.654	4050.80	00	131017.0735	30	131092.1191
	46	8409179.320	9943.5135	1044.633	203.35	17146.704	4074.56	00	131167.2535	30	131242.4769
	47	8411039.013	9955.6455	1048.218	204.54	17207.036	4098.49	00	131317.7895	30	131393.1915
	48	8412898.709	9967.8054	1051.821	205.73	17267.652	4122.59	00	131468.6829	30	131544.2639
	49	8414758.407	9979.9933	1055.440	206.93	17328.552	4146.86	00	131619.9347	30	131695.6955
75	50	8416618.108	9992.2093	1059.077	208.14	17389.740	4171.30	00	131771.5463	30	131847.4875
	51	8418477.812	10004.4535	1062.730	209.35	17451.217	4195.92	00	131923.5190	30	131999.6412
	52	8420337.518	10016.7260	1066.401	210.58	17512.983	4220.70	00	132075.8541	30	132152.1579
	53	8422197.227	10029.0270	1070.089	211.81	17575.042	4245.67	00	132228.5528	30	132305.0389
	54	8424056.938	10041.3564	1073.794	213.06	17637.395	4270.81	00	132381.6164	30	132458.2854
75	55	8425916.652	10053.7145	1077.516	214.31	17700.043	4296.13	00	132535.0462	30	132611.8988
	56	8427776.369	10066.1012	1081.256	215.57	17762.988	4321.63	00	132688.8435	30	132765.8803
	57	8429636.088	10078.5168	1085.014	216.84	17826.233	4347.32	00	132843.0096	30	132920.2314
	58	8431495.810	10090.9613	1088.790	218.12	17889.778	4373.18	00	132997.5459	30	133074.9532
	59	8433355.534	10103.4347	1092.583	219.41	17953.625	4399.23	00	133152.4536	30	133230.0471
76	00	8435215.261	10115.9374	1096.394	220.70	18017.778	4425.47	00	133307.7341	30	133385.5145

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
76	0	8435215.261	10115.9374	1096.394	220.70	18017.778	4425.47	00	133307.7341	30	133385.5145
	1	8437074.990	10128.4692	1100.224	222.01	18082.236	4451.90	00	133463.3887	30	133541.3567
	2	8438934.722	10141.0304	1104.071	223.33	18147.002	4478.51	00	133619.4187	30	133697.5750
	3	8440794.456	10153.6210	1107.937	224.65	18212.078	4505.32	00	133775.8256	30	133854.1707
	4	8442654.194	10166.2411	1111.821	225.99	18277.466	4532.32	00	133932.6106	30	134011.1453
76	5	8444513.933	10178.8905	1115.724	227.33	18343.168	4559.51	00	134089.7751	30	134168.5001
	6	8446373.675	10191.5705	1119.645	228.68	18409.185	4586.90	00	134247.3205	30	134326.2364
	7	8448233.420	10204.2799	1123.585	230.05	18475.520	4614.49	00	134405.2481	30	134484.3557
	8	8450093.167	10217.0193	1127.544	231.42	18542.173	4642.28	00	134563.5593	30	134642.8592
	9	8451952.917	10229.7887	1131.522	232.81	18609.148	4670.27	00	134722.2556	30	134801.7485
76	10	8453812.670	10242.5884	1135.519	234.20	18676.446	4698.46	00	134881.3382	30	134961.0248
	11	8455672.424	10255.4183	1139.535	235.60	18744.069	4726.85	00	135040.8086	30	135120.6897
	12	8457532.182	10268.2786	1143.570	237.02	18812.020	4755.45	00	135200.6683	30	135280.7445
	13	8459391.942	10281.1695	1147.625	238.44	18880.299	4784.26	00	135360.9185	30	135441.1905
	14	8461251.704	10294.0910	1151.699	239.87	18948.909	4813.28	00	135521.5608	30	135602.0294
76	15	8463111.469	10307.0432	1155.793	241.32	19017.853	4842.52	00	135682.5965	30	135763.2623
	16	8464971.237	10320.0262	1159.907	242.77	19087.131	4871.96	00	135844.0271	30	135924.8909
	17	8466831.007	10333.0403	1164.041	244.24	19156.747	4901.62	00	136005.8540	30	136086.9166
	18	8468690.780	10346.0854	1168.194	245.72	19226.702	4931.50	00	136168.0787	30	136249.3407
	19	8470550.555	10359.1617	1172.368	247.20	19296.998	4961.59	00	136330.7026	30	136412.1648
76	20	8472410.332	10372.2692	1176.562	248.70	19367.637	4991.91	00	136493.7272	30	136575.3903
	21	8474270.112	10385.4083	1180.776	250.21	19438.622	5022.45	00	136657.1540	30	136739.0187
	22	8476129.895	10398.5788	1185.011	251.73	19509.954	5053.21	00	136820.9844	30	136903.0514
	23	8477989.680	10411.7810	1189.267	253.26	19581.636	5084.20	00	136985.2199	30	137067.4900
	24	8479849.468	10425.0149	1193.543	254.80	19653.670	5115.42	00	137149.8620	30	137232.3360
76	25	8481709.258	10438.2808	1197.840	256.36	19726.057	5146.86	00	137314.9121	30	137397.5907
	26	8483569.051	10451.5786	1202.158	257.92	19798.801	5178.54	00	137480.3719	30	137563.2559
	27	8485428.846	10464.9086	1206.498	259.50	19871.903	5210.46	00	137646.2428	30	137729.3329
	28	8487288.643	10478.2707	1210.858	261.09	19945.366	5242.61	00	137812.5263	30	137895.8233
	29	8489148.444	10491.6653	1215.240	262.69	20019.191	5275.00	00	137979.2240	30	138062.7286
76	30	8491008.246	10505.0923	1219.643	264.30	20093.382	5307.63	00	138146.3373	30	138230.0504
	31	8492868.051	10518.5519	1224.069	265.92	20167.940	5340.50	00	138313.8679	30	138397.7901
	32	8494727.859	10532.0442	1228.516	267.56	20242.867	5373.62	00	138481.8172	30	138565.9494
	33	8496587.669	10545.5694	1232.984	269.21	20318.166	5406.99	00	138650.1869	30	138734.5299
	34	8498447.481	10559.1275	1237.475	270.87	20393.839	5440.60	00	138818.9785	30	138903.5330
76	35	8500307.296	10572.7188	1241.988	272.54	20469.889	5474.46	00	138988.1935	30	139072.9603
	36	8502167.114	10586.3432	1246.524	274.22	20546.318	5508.58	00	139157.8336	30	139242.8136
	37	8504026.934	10600.0009	1251.082	275.92	20623.127	5542.95	00	139327.9003	30	139413.0942
	38	8505886.756	10613.6921	1255.662	277.63	20700.321	5577.58	00	139498.3953	30	139583.8039
	39	8507746.581	10627.4165	1260.266	279.36	20777.900	5612.47	00	139669.3201	30	139754.9442
76	40	8509606.408	10641.1754	1264.892	281.09	20855.868	5647.63	00	139840.6763	30	139926.5167
	41	8511466.238	10654.9677	1269.541	282.84	20934.226	5683.05	00	140012.4656	30	140098.5232
	42	8513326.070	10668.7940	1274.213	284.60	21012.978	5718.73	00	140184.6896	30	140270.9651
	43	8515185.905	10682.6544	1278.909	286.38	21092.125	5754.68	00	140357.3499	30	140443.8442
	44	8517045.742	10696.5490	1283.628	288.17	21171.671	5790.91	00	140530.4482	30	140617.1621
76	45	8518905.581	10710.4780	1288.371	289.97	21251.617	5827.41	00	140703.9861	30	140790.9205
	46	8520765.423	10724.4414	1293.138	291.78	21331.967	5864.18	00	140877.9653	30	140965.1210
	47	8522625.268	10738.4394	1297.929	293.61	21412.722	5901.24	00	141052.3875	30	141139.7652
	48	8524485.115	10752.4722	1302.743	295.46	21493.886	5938.58	00	141227.2543	30	141314.8550
	49	8526344.964	10766.5398	1307.582	297.32	21575.460	5976.20	00	141402.5674	30	141490.3919
76	50	8528204.816	10780.6424	1312.445	299.19	21657.449	6014.10	00	141578.3285	30	141666.3776
	51	8530064.670	10794.7802	1317.333	301.07	21739.853	6052.30	00	141754.5394	30	141842.8140
	52	8531924.526	10808.9532	1322.246	302.97	21822.676	6090.79	00	141931.2016	30	142019.7026
	53	8533784.385	10823.1617	1327.183	304.89	21905.921	6129.57	00	142108.3170	30	142197.0452
	54	8535644.247	10837.4057	1332.145	306.82	21989.590	6168.64	00	142285.8873	30	142374.8436
76	55	8537504.110	10851.6853	1337.133	308.76	22073.686	6208.02	00	142463.9142	30	142553.0995
	56	8539363.977	10865.0008	1342.146	310.72	22158.211	6247.70	00	142642.3995	30	142731.8146
	57	8541223.845	10880.3522	1347.184	312.69	22243.169	6287.69	00	142821.3449	30	142910.9907
	58	8543083.716	10894.7397	1352.248	314.68	22328.561	6327.98	00	143000.7521	30	143090.6295
	59	8544943.590	10909.1634	1357.338	316.69	22414.392	6368.58	00	143180.6231	30	143270.7330
77	00	8546803.465	10923.6235	1362.454	318.70	22500.663	6409.49	00	143360.9594	30	143451.3027

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
77	0	8546803.465	10923.6235	1362.454	318.70	22500.663	6409.49	00	143360.9594	30	143451.3027
	1	8548663.344	10938.1201	1367.596	320.74	22587.378	6450.72	00	143541.7630	30	143632.3406
	2	8550523.224	10952.6534	1372.764	322.79	22674.540	6492.27	00	143723.0357	30	143813.8484
	3	8552383.107	10967.2234	1377.959	324.86	22762.150	6534.15	00	143904.7791	30	143995.8280
	4	8554242.993	10981.8304	1383.180	326.94	22850.213	6576.34	00	144086.9953	30	144178.2811
77	5	8556102.880	10996.4744	1388.428	329.04	22938.731	6618.86	00	144269.6859	30	144361.2097
	6	8557962.771	11011.1556	1393.703	331.15	23027.707	6661.72	00	144452.8528	30	144544.6155
	7	8559822.663	11025.8742	1399.006	333.28	23117.144	6704.91	00	144636.4980	30	144728.5004
	8	8561682.558	11040.6304	1404.336	335.43	23207.044	6748.43	00	144820.6232	30	144912.8663
	9	8563542.455	11055.4241	1409.693	337.60	23297.412	6792.29	00	145005.2302	30	145097.7151
77	10	8565402.355	11070.2557	1415.078	339.78	23388.250	6836.50	00	145190.3211	30	145283.0485
	11	8567262.257	11085.1252	1420.491	341.98	23479.561	6881.05	00	145375.8976	30	145468.8686
	12	8569122.161	11100.0328	1425.932	344.19	23571.348	6925.95	00	145561.9617	30	145655.1772
	13	8570982.068	11114.9786	1431.401	346.42	23663.615	6971.20	00	145748.5153	30	145841.9762
	14	8572841.977	11129.9629	1436.898	348.67	23756.364	7016.81	00	145935.5602	30	146029.2676
77	15	8574701.889	11144.9857	1442.425	350.94	23849.598	7062.78	00	146123.0985	30	146217.0533
	16	8576561.803	11160.0471	1447.980	353.23	23943.321	7109.10	00	146311.1320	30	146405.3351
	17	8578421.719	11175.1475	1453.564	355.53	24037.537	7155.80	00	146499.6628	30	146594.1152
	18	8580281.637	11190.2868	1459.177	357.85	24132.247	7202.86	00	146688.6927	30	146783.3954
	19	8582141.558	11205.4653	1464.819	360.19	24227.456	7250.29	00	146878.2237	30	146973.1777
77	20	8584001.481	11220.6831	1470.492	362.55	24323.167	7298.10	00	147068.2578	30	147163.4641
	21	8585861.407	11235.9403	1476.193	364.93	24419.382	7346.29	00	147258.7970	30	147354.2566
	22	8587721.335	11251.2372	1481.925	367.33	24516.106	7394.86	00	147449.8432	30	147545.5572
	23	8589581.265	11266.5738	1487.687	369.74	24613.342	7443.82	00	147641.3986	30	147737.3679
	24	8591441.198	11281.9504	1493.480	372.17	24711.093	7493.16	00	147833.4651	30	147929.6907
77	25	8593301.133	11297.3671	1499.303	374.63	24809.363	7542.90	00	148026.0448	30	148122.5277
	26	8595161.070	11312.8240	1505.156	377.10	24908.154	7593.04	00	148219.1396	30	148315.8809
	27	8597021.009	11328.3214	1511.041	379.59	25007.471	7643.58	00	148412.7517	30	148509.7523
	28	8598880.951	11343.8593	1516.957	382.11	25107.317	7694.52	00	148606.8831	30	148704.1442
	29	8600740.895	11359.4380	1522.904	384.64	25207.695	7745.87	00	148801.5358	30	148899.0584
77	30	8602600.842	11375.0575	1528.883	387.19	25308.610	7797.63	00	148996.7121	30	149094.4971
	31	8604460.791	11390.7181	1534.894	389.76	25410.064	7849.80	00	149192.4139	30	149290.4625
	32	8606320.742	11406.4200	1540.936	392.36	25512.061	7902.40	00	149388.6433	30	149486.9566
	33	8608180.695	11422.1632	1547.011	394.97	25614.605	7955.42	00	149585.4025	30	149683.9815
	34	8610040.651	11437.9481	1553.118	397.61	25717.700	8008.86	00	149782.6937	30	149881.5394
77	35	8611900.609	11453.7746	1559.258	400.27	25821.349	8062.74	00	149980.5189	30	150079.6325
	36	8613760.569	11469.6430	1565.431	402.94	25925.556	8117.06	00	150178.8803	30	150278.2628
	37	8615620.532	11485.5535	1571.637	405.64	26030.325	8171.81	00	150377.7801	30	150477.4326
	38	8617480.497	11501.5063	1577.876	408.37	26135.659	8227.01	00	150577.2205	30	150677.1441
	39	8619340.464	11517.5014	1584.149	411.11	26241.563	8282.65	00	150777.2036	30	150877.3994
77	40	8621200.433	11533.5391	1590.456	413.88	26348.040	8338.75	00	150977.7316	30	151078.2007
	41	8623060.405	11549.6196	1596.796	416.66	26455.094	8395.31	00	151178.8068	30	151279.5503
	42	8624920.379	11565.7430	1603.171	419.47	26562.729	8452.32	00	151380.4314	30	151481.4504
	43	8626780.355	11581.9095	1609.580	422.31	26670.949	8509.80	00	151582.6076	30	151683.9032
	44	8628640.334	11598.1193	1616.024	425.17	26779.758	8567.75	00	151785.3376	30	151886.9110
77	45	8630500.315	11614.3725	1622.503	428.05	26889.159	8626.18	00	151988.6238	30	152090.4761
	46	8632360.298	11630.6694	1629.017	430.95	26999.158	8685.08	00	152192.4683	30	152294.6007
	47	8634220.283	11647.0100	1635.567	433.88	27109.758	8744.47	00	152396.8735	30	152499.2871
	48	8636080.271	11663.3947	1642.152	436.83	27220.963	8804.35	00	152601.8417	30	152704.5377
	49	8637940.261	11679.8235	1648.773	439.81	27332.777	8864.71	00	152807.3752	30	152910.3547
77	50	8639800.253	11696.2967	1655.430	442.81	27445.205	8925.58	00	153013.4763	30	153116.7404
	51	8641660.247	11712.8144	1662.124	445.83	27558.251	8986.95	00	153220.1474	30	153323.6973
	52	8643520.244	11729.3768	1668.854	448.88	27671.918	9048.82	00	153427.3907	30	153531.2277
	53	8645380.243	11745.9842	1675.621	451.96	27786.212	9111.21	00	153635.2087	30	153739.3339
	54	8647240.244	11762.6366	1682.425	455.06	27901.136	9174.11	00	153843.6037	30	153948.0183
77	55	8649100.247	11779.3343	1689.267	458.18	28016.696	9237.54	00	154052.5781	30	154157.2833
	56	8650960.253	11796.0774	1696.146	461.33	28132.894	9301.49	00	154262.1343	30	154367.1314
	57	8652820.261	11812.8662	1703.063	464.51	28249.736	9365.98	00	154472.2748	30	154577.5649
	58	8654680.271	11829.7009	1710.019	467.72	28367.227	9431.00	00	154683.0019	30	154788.5863
	59	8656540.283	11846.5816	1717.012	470.95	28485.370	9496.56	00	154894.3182	30	155000.1979
78	00	8658400.298	11863.5085	1724.045	474.21	28604.170	9562.67	00	155106.2259	30	155212.4024

TABELAS PARA CALCULOS NO SISTEMA DE PROJECKO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
78	0	8658400.298	11863.5085	1724.045	474.21	28604.170	9562.67	00	155106.2259	30	155212.4024
	1	8660260.315	11880.4818	1731.117	477.49	28723.633	9629.34	00	155318.7277	30	155425.2022
	2	8662120.334	11897.5017	1738.227	480.80	28843.761	9696.56	00	155531.8260	30	155638.5996
	3	8663980.355	11914.5684	1745.378	484.15	28964.561	9764.35	00	155745.5233	30	155852.5974
	4	8665840.378	11931.6822	1752.568	487.51	29086.037	9832.71	00	155959.8221	30	156067.1978
78	5	8667700.404	11948.8431	1759.798	490.91	29208.193	9901.64	00	156174.7249	30	156282.4036
	6	8669560.432	11966.0514	1767.069	494.34	29331.034	9971.16	00	156390.2343	30	156498.2173
	7	8671420.462	11983.3073	1774.380	497.79	29454.565	10041.26	00	156606.3528	30	156714.6413
	8	8673280.494	12000.6110	1781.732	501.27	29578.792	10111.95	00	156823.0830	30	156931.6783
	9	8675140.529	12017.9628	1789.125	504.79	29703.718	10183.24	00	157040.4275	30	157149.3309
78	10	8677000.565	12035.3627	1796.560	508.33	29829.349	10255.13	00	157258.3888	30	157367.6016
	11	8678860.604	12052.8110	1804.037	511.90	29955.690	10327.64	00	157476.9696	30	157586.4931
	12	8680720.645	12070.3079	1811.555	515.50	30082.745	10400.76	00	157696.1724	30	157806.0080
	13	8682580.688	12087.8537	1819.117	519.14	30210.521	10474.50	00	157916.0001	30	158026.1490
	14	8684440.734	12105.4484	1826.720	522.80	30339.021	10548.87	00	158136.4551	30	158246.9187
78	15	8686300.781	12123.0924	1834.367	526.49	30468.251	10623.88	00	158357.5401	30	158468.3198
	16	8688160.831	12140.7859	1842.057	530.22	30598.217	10699.53	00	158579.2579	30	158690.3549
	17	8690020.883	12158.5290	1849.791	533.98	30728.923	10775.82	00	158801.6112	30	158913.0269
	18	8691880.937	12176.3220	1857.569	537.77	30860.375	10852.77	00	159024.6026	30	159136.3384
	19	8693740.994	12194.1650	1865.391	541.59	30992.578	10930.38	00	159248.2348	30	159360.2922
78	20	8695601.052	12212.0583	1873.257	545.45	31125.538	11008.66	00	159472.5108	30	159584.8909
	21	8697461.113	12230.0022	1881.169	549.34	31259.260	11087.61	00	159697.4331	30	159810.1375
	22	8699321.176	12247.9968	1889.125	553.26	31393.748	11167.24	00	159923.0046	30	160036.0346
	23	8701181.241	12266.0423	1897.127	557.22	31529.010	11247.55	00	160149.2280	30	160262.5851
	24	8703041.308	12284.1390	1905.175	561.21	31665.051	11328.56	00	160376.1062	30	160489.7918
78	25	8704901.377	12302.2870	1913.269	565.23	31801.875	11410.28	00	160603.6421	30	160717.6575
	26	8706761.448	12320.4867	1921.409	569.29	31939.489	11492.70	00	160831.8384	30	160946.1851
	27	8708621.522	12338.7382	1929.597	573.38	32077.898	11575.84	00	161060.6980	30	161175.3774
	28	8710481.598	12357.0418	1937.831	577.51	32217.109	11659.70	00	161290.2237	30	161405.2373
	29	8712341.676	12375.3976	1946.113	581.68	32357.127	11744.29	00	161520.4186	30	161635.7678
78	30	8714201.756	12393.8060	1954.443	585.88	32497.957	11829.61	00	161751.2854	30	161866.9717
	31	8716061.838	12412.2671	1962.821	590.12	32639.607	11915.69	00	161982.8271	30	162098.8520
	32	8717921.922	12430.7812	1971.248	594.40	32782.081	12002.51	00	162215.0467	30	162331.4116
	33	8719782.008	12449.3484	1979.724	598.71	32925.385	12090.10	00	162447.9470	30	162564.6535
	34	8721642.097	12467.9691	1988.248	603.06	33069.527	12178.45	00	162681.5312	30	162798.5806
78	35	8723502.188	12486.6435	1996.823	607.45	33214.511	12267.58	00	162915.8021	30	163033.1961
	36	8725362.280	12505.3717	2005.447	611.88	33360.345	12357.50	00	163150.7629	30	163268.5029
	37	8727222.375	12524.1541	2014.122	616.34	33507.033	12448.20	00	163386.4164	30	163504.5040
	38	8729082.472	12542.9909	2022.848	620.85	33654.584	12539.71	00	163622.7658	30	163741.2025
	39	8730942.571	12561.8823	2031.624	625.39	33803.002	12632.02	00	163859.8142	30	163978.6014
78	40	8732802.673	12580.8286	2040.453	629.98	33952.294	12725.15	00	164097.5646	30	164216.7040
	41	8734662.776	12599.8299	2049.333	634.60	34102.468	12819.11	00	164336.0200	30	164455.5132
	42	8736522.882	12618.8866	2058.265	639.27	34253.528	12913.90	00	164575.1838	30	164695.0322
	43	8738382.989	12637.9989	2067.250	643.98	34405.483	13009.54	00	164815.0589	30	164935.2642
	44	8740243.099	12657.1670	2076.287	648.73	34558.337	13106.02	00	165055.6485	30	165176.2122
78	45	8742103.210	12676.3912	2085.379	653.52	34712.099	13203.36	00	165296.9558	30	165417.8796
	46	8743963.324	12695.6718	2094.524	658.36	34866.775	13301.58	00	165538.9840	30	165660.2695
	47	8745823.440	12715.0089	2103.723	663.23	35022.372	13400.67	00	165781.7364	30	165903.3851
	48	8747683.558	12734.4029	2112.977	668.16	35178.896	13500.65	00	166025.2161	30	166147.2297
	49	8749543.678	12753.8539	2122.285	673.12	35336.354	13601.52	00	166269.4264	30	166391.8065
78	50	8751403.801	12773.3623	2131.650	678.13	35494.754	13703.31	00	166514.3705	30	166637.1188
	51	8753263.925	12792.9283	2141.070	683.19	35654.102	13806.00	00	166760.0519	30	166883.1700
	52	8755124.051	12812.5522	2150.546	688.29	35814.406	13909.63	00	167006.4736	30	167129.9633
	53	8756984.180	12832.2342	2160.079	693.43	35975.673	14014.18	00	167253.6392	30	167377.5020
	54	8758844.310	12851.9746	2169.669	698.63	36137.909	14119.68	00	167501.5520	30	167625.7896
78	55	8760704.443	12871.7736	2179.317	703.86	36301.123	14226.14	00	167750.2152	30	167874.8294
	56	8762564.577	12891.6315	2189.022	709.15	36465.322	14333.56	00	167999.6324	30	168124.6248
	57	8764424.714	12911.5487	2198.786	714.49	36630.512	14441.96	00	168249.8069	30	168375.1792
	58	8766284.853	12931.5252	2208.609	719.87	36796.702	14551.34	00	168500.7421	30	168626.4961
	59	8768144.993	12951.5615	2218.491	725.30	36963.900	14661.71	00	168752.4416	30	168878.5790
79	00	8770005.136	12971.6578	2228.433	730.78	37132.112	14773.10	00	169004.9087	30	169131.4312

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
79	0	8770005.136	12971.6578	2228.433	730.78	37132.112	14773.10	00	169004.9087	30	169131.4312
	1	8771865.281	12991.8143	2238.435	736.31	37301.347	14885.50	00	169258.1470	30	169385.0564
	2	8773725.428	13012.0314	2248.498	741.90	37471.612	14998.93	00	169512.1600	30	169639.4581
	3	8775585.577	13032.3093	2258.621	747.53	37642.915	15113.39	00	169766.9512	30	169894.6398
	4	8777445.728	13052.6483	2268.807	753.21	37815.265	15228.91	00	170022.5242	30	170150.6050
79	5	8779305.881	13073.0487	2279.054	758.95	37988.668	15345.49	00	170278.8826	30	170407.3574
	6	8781166.036	13093.5107	2289.364	764.74	38163.134	15463.14	00	170536.0299	30	170664.9006
	7	8783026.193	13114.0346	2299.737	770.58	38338.670	15581.88	00	170793.9698	30	170923.2381
	8	8784886.352	13134.6208	2310.173	776.48	38515.284	15701.71	00	171052.7060	30	171182.3738
	9	8786746.514	13155.2695	2320.673	782.43	38692.985	15822.65	00	171312.2420	30	171442.3112
79	10	8788606.677	13175.9810	2331.238	788.43	38871.782	15944.70	00	171572.5817	30	171703.0540
	11	8790466.842	13196.7555	2341.868	794.49	39051.682	16067.89	00	171833.7287	30	171964.6061
	12	8792327.009	13217.5935	2352.563	800.61	39232.694	16192.23	00	172095.6867	30	172226.9710
	13	8794187.179	13238.4951	2363.324	806.78	39414.827	16317.72	00	172358.4595	30	172490.1527
	14	8796047.350	13259.4607	2374.151	813.02	39598.089	16444.38	00	172622.0510	30	172754.1548
79	15	8797907.523	13280.4906	2385.046	819.31	39782.490	16572.22	00	172886.4648	30	173018.9813
	16	8799767.698	13301.5850	2396.008	825.65	39968.038	16701.26	00	173151.7048	30	173284.6359
	17	8801627.876	13322.7443	2407.038	832.06	40154.742	16831.50	00	173417.7750	30	173551.1226
	18	8803488.055	13343.9688	2418.137	838.53	40342.611	16962.97	00	173684.6791	30	173818.4451
	19	8805348.236	13365.2587	2429.304	845.06	40531.654	17095.66	00	173952.4211	30	174086.6075
79	20	8807208.419	13386.6144	2440.542	851.64	40721.880	17229.61	00	174221.0048	30	174355.6136
	21	8809068.605	13408.0362	2451.849	858.29	40913.299	17364.82	00	174490.4344	30	174625.4675
	22	8810928.792	13429.5245	2463.228	865.01	41105.920	17501.30	00	174760.7136	30	174896.1731
	23	8812788.981	13451.0794	2474.677	871.78	41299.752	17639.08	00	175031.8466	30	175167.7344
	24	8814649.172	13472.7014	2486.198	878.63	41494.805	17778.15	00	175303.8373	30	175440.1556
79	25	8816509.365	13494.3907	2497.792	885.53	41691.089	17918.55	00	175576.6898	30	175713.4405
	26	8818369.560	13516.1477	2509.459	892.50	41888.613	18060.28	00	175850.4082	30	175987.5934
	27	8820229.758	13537.9726	2521.199	899.54	42087.388	18203.35	00	176124.9966	30	176262.6183
	28	8822089.957	13559.8659	2533.014	906.64	42287.422	18347.79	00	176400.4591	30	176538.5194
	29	8823950.158	13581.8278	2544.903	913.81	42488.726	18493.60	00	176676.7998	30	176815.3008
79	30	8825810.361	13603.8587	2556.867	921.05	42691.310	18640.81	00	176954.0230	30	177092.9669
	31	8827670.566	13625.9589	2568.908	928.36	42895.185	18789.43	00	177232.1329	30	177371.5216
	32	8829530.773	13648.1287	2581.025	935.74	43100.360	18939.47	00	177511.1336	30	177650.9694
	33	8831390.982	13670.3684	2593.219	943.19	43306.846	19090.95	00	177791.0296	30	177931.3145
	34	8833251.192	13692.6784	2605.491	950.71	43514.654	19243.89	00	178071.8249	30	178212.5612
79	35	8835111.405	13715.0591	2617.841	958.30	43723.794	19398.30	00	178353.5240	30	178494.7139
	36	8836971.620	13737.5107	2630.270	965.97	43934.276	19554.20	00	178636.1313	30	178777.7768
	37	8838831.837	13760.0336	2642.779	973.71	44146.112	19711.60	00	178919.6510	30	179061.7544
	38	8840692.055	13782.6282	2655.368	981.52	44359.313	19870.53	00	179204.0876	30	179346.6511
	39	8842552.276	13805.2948	2668.038	989.41	44573.889	20031.00	00	179489.4455	30	179632.4713
79	40	8844412.498	13828.0338	2680.789	997.38	44789.851	20193.03	00	179775.7291	30	179919.2195
	41	8846272.723	13850.8454	2693.623	1005.43	45007.211	20356.63	00	180062.9431	30	180206.9003
	42	8848132.949	13873.7301	2706.540	1013.55	45225.981	20521.83	00	180351.0917	30	180495.5180
	43	8849993.177	13896.6881	2719.540	1021.75	45446.171	20688.63	00	180640.1797	30	180785.0774
	44	8851853.407	13919.7200	2732.625	1030.03	45667.792	20857.07	00	180930.2116	30	181075.5830
79	45	8853713.639	13942.8260	2745.794	1038.39	45890.858	21027.16	00	181221.1920	30	181367.0393
	46	8855573.873	13966.0064	2759.049	1046.84	46115.379	21198.91	00	181513.1255	30	181659.4511
	47	8857434.109	13989.2617	2772.390	1055.36	46341.368	21372.35	00	181806.0168	30	181952.8231
	48	8859294.347	14012.5923	2785.819	1063.97	46568.836	21547.49	00	182099.8706	30	182247.1599
	49	8861154.587	14035.9984	2799.335	1072.67	46797.795	21724.36	00	182394.6916	30	182542.4663
79	50	8863014.829	14059.4804	2812.939	1081.45	47028.259	21902.98	00	182690.4845	30	182838.7470
	51	8864875.072	14083.0388	2826.633	1090.32	47260.238	22083.36	00	182987.2542	30	183136.0069
	52	8866735.318	14106.6740	2840.417	1099.27	47493.746	22265.53	00	183285.0055	30	183434.2508
	53	8868595.565	14130.3862	2854.291	1108.31	47728.796	22449.50	00	183583.7432	30	183733.4835
	54	8870455.814	14154.1758	2868.257	1117.45	47965.399	22635.30	00	183883.4722	30	184033.7100
79	55	8872316.065	14178.0434	2882.315	1126.67	48203.569	22822.95	00	184184.1975	30	184334.9352
	56	8874176.318	14201.9891	2896.466	1135.99	48443.319	23012.47	00	184485.9239	30	184637.1641
	57	8876036.573	14226.0135	2910.710	1145.39	48684.662	23203.88	00	184788.6564	30	184940.4016
	58	8877896.830	14250.1169	2925.049	1154.90	48927.612	23397.21	00	185092.4002	30	185244.6528
	59	8879757.089	14274.2998	2939.484	1164.49	49172.180	23592.47	00	185397.1601	30	185549.9227
80	00	8881617.349	14298.5624	2954.014	1174.19	49418.382	23789.69	00	185702.9413	30	185856.2165

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

LATITUDE=LAT1-(VII)Q**2+(VIII)Q**4-(D'6)Q**6 Q=0.000001(E-500000) LONGITUDE=MC+(IX)Q-(X)Q**3+(E'5)Q**5

LATITUDE		(I)	(VII)	(VIII)	(D'6)	(X)	(E'5)	SEG	(IX)	SEG	(IX)
63	0	6985613.806	4959.9178	166.974	8.85	2523.265	166.33	00	71072.1659	30	71092.4319
	1	6987470.766	4963.4709	167.262	8.87	2527.917	166.84	00	71112.7109	30	71133.0031
	2	6989327.731	4967.0280	167.550	8.90	2532.579	167.35	00	71153.3083	30	71173.6267
	3	6991184.700	4970.5892	167.839	8.92	2537.254	167.87	00	71193.9582	30	71214.3029
	4	6993041.673	4974.1545	168.129	8.95	2541.940	168.39	00	71234.6607	30	71255.0317
63	5	6994898.651	4977.7239	168.419	8.98	2546.638	168.91	00	71275.4159	30	71295.8133
	6	6996755.634	4981.2973	168.710	9.00	2551.347	169.44	00	71316.2239	30	71336.6477
	7	6998612.620	4984.8749	169.002	9.03	2556.068	169.96	00	71357.0847	30	71377.5350
	8	7000469.611	4988.4566	169.294	9.06	2560.801	170.49	00	71397.9985	30	71418.4753
	9	7002326.607	4992.0424	169.587	9.09	2565.545	171.02	00	71438.9654	30	71459.4688
63	10	7004183.606	4995.6323	169.881	9.11	2570.302	171.55	00	71479.9855	30	71500.5156
	11	7006040.611	4999.2264	170.176	9.14	2575.070	172.08	00	71521.0589	30	71541.6156
	12	7007897.619	5002.8246	170.471	9.17	2579.850	172.62	00	71562.1857	30	71582.7691
	13	7009754.632	5006.4269	170.767	9.19	2584.642	173.15	00	71603.3659	30	71623.9761
	14	7011611.650	5010.0334	171.064	9.22	2589.446	173.69	00	71644.5997	30	71665.2367
63	15	7013468.671	5013.6441	171.361	9.25	2594.262	174.23	00	71685.8872	30	71706.5511
	16	7015325.697	5017.2589	171.659	9.28	2599.090	174.78	00	71727.2284	30	71747.9192
	17	7017182.728	5020.8779	171.958	9.31	2603.930	175.32	00	71768.6235	30	71789.3413
	18	7019039.763	5024.5011	172.258	9.33	2608.782	175.87	00	71810.0727	30	71830.8175
	19	7020896.802	5028.1285	172.558	9.36	2613.646	176.42	00	71851.5758	30	71872.3477
63	20	7022753.846	5031.7601	172.859	9.39	2618.523	176.97	00	71893.1332	30	71913.9322
	21	7024610.894	5035.3959	173.161	9.42	2623.411	177.52	00	71934.7448	30	71955.5711
	22	7026467.946	5039.0360	173.464	9.45	2628.312	178.08	00	71976.4109	30	71997.2643
	23	7028325.003	5042.6802	173.767	9.47	2633.225	178.63	00	72018.1314	30	72039.0121
	24	7030182.064	5045.3287	174.071	9.50	2638.151	179.19	00	72059.9065	30	72080.8145
63	25	7032039.130	5049.9815	174.376	9.53	2643.089	179.75	00	72101.7362	30	72122.6717
	26	7033896.200	5053.6385	174.681	9.56	2648.039	180.32	00	72143.6208	30	72164.5837
	27	7035753.274	5057.2997	174.987	9.59	2653.002	180.88	00	72185.5603	30	72206.5506
	28	7037610.352	5060.9653	175.294	9.62	2657.977	181.45	00	72227.5547	30	72248.5726
	29	7039467.435	5064.6351	175.602	9.65	2662.965	182.02	00	72269.6043	30	72290.6498
63	30	7041324.523	5068.3091	175.911	9.68	2667.965	182.59	00	72311.7091	30	72332.7822
	31	7043181.614	5071.9875	176.220	9.71	2672.978	183.17	00	72353.8691	30	72374.9699
	32	7045038.710	5075.6702	176.530	9.74	2678.004	183.75	00	72396.0846	30	72417.2131
	33	7046895.811	5079.3572	176.841	9.77	2683.042	184.32	00	72438.3556	30	72459.5119
	34	7048752.916	5083.0485	177.152	9.80	2688.093	184.91	00	72480.6822	30	72501.8664
63	35	7050610.025	5086.7441	177.464	9.83	2693.157	185.49	00	72523.0645	30	72544.2766
	36	7052467.138	5090.4440	177.778	9.86	2698.234	186.07	00	72565.5027	30	72586.7427
	37	7054324.256	5094.1483	178.091	9.89	2703.323	186.66	00	72607.9968	30	72629.2648
	38	7056181.378	5097.8570	178.406	9.92	2708.425	187.25	00	72650.5469	30	72671.8430
	39	7058038.504	5101.5700	178.721	9.95	2713.541	187.84	00	72693.1532	30	72714.4774
63	40	7059895.635	5105.2874	179.038	9.98	2718.669	188.44	00	72735.8157	30	72757.1681
	41	7061752.770	5109.0091	179.354	10.01	2723.810	189.03	00	72778.5346	30	72799.9152
	42	7063609.910	5112.7352	179.672	10.04	2728.964	189.63	00	72821.3100	30	72842.7189
	43	7065467.054	5116.4658	179.991	10.07	2734.132	190.23	00	72864.1419	30	72885.5791
	44	7067324.202	5120.2007	180.310	10.10	2739.312	190.84	00	72907.0305	30	72928.4961
63	45	7069181.354	5123.9400	180.630	10.13	2744.506	191.44	00	72949.9759	30	72971.4700
	46	7071038.511	5127.6837	180.951	10.16	2749.713	192.05	00	72992.9782	30	73014.5007
	47	7072895.672	5131.4319	181.273	10.19	2754.933	192.66	00	73036.0375	30	73057.5886
	48	7074752.838	5135.1845	181.595	10.22	2760.167	193.27	00	73079.1539	30	73100.7336
	49	7076610.007	5138.9416	181.918	10.25	2765.413	193.89	00	73122.3276	30	73143.9359
63	50	7078467.181	5142.7031	182.242	10.29	2770.674	194.51	00	73165.5585	30	73187.1955
	51	7080324.360	5146.4690	182.567	10.32	2775.947	195.13	00	73208.8469	30	73230.5127
	52	7082181.542	5150.2394	182.893	10.35	2781.234	195.75	00	73252.1929	30	73273.8875
	53	7084038.729	5154.0143	183.220	10.38	2786.535	196.37	00	73295.5965	30	73317.3199
	54	7085895.921	5157.7937	183.547	10.41	2791.849	197.00	00	73339.0579	30	73360.8102
63	55	7087753.116	5161.5776	183.875	10.44	2797.177	197.63	00	73382.5771	30	73404.3585
	56	7089610.316	5165.3660	184.204	10.48	2802.518	198.26	00	73426.1544	30	73447.9648
	57	7091467.521	5169.1589	184.534	10.51	2807.873	198.90	00	73469.7897	30	73491.6292
	58	7093324.729	5172.9563	184.864	10.54	2813.242	199.53	00	73513.4832	30	73535.3519
	59	7095181.942	5176.7582	185.196	10.57	2818.625	200.17	00	73557.2351	30	73579.1330
64	00	7097039.159	5180.5647	185.528	10.61	2824.021	200.81	00	73601.0454	30	73622.9725

TABELA 3

CÁLCULO DA CONVERGÊNCIA MERIDIANA EM FUNÇÃO DAS COORDENADAS GEODÉSICAS

$$C = (XII)\,P + (XIII)\,P^3 + (C'5)\,P^5$$

$$P = 0.0001\ (LONGITUDE - MC)''$$

LONGITUDE E MERIDIANO CENTRAL (MC) NEGATIVOS A OESTE DE GREENWICH

COEFICIENTES (XII), (XIII) E (C'5) NEGATIVOS PARA O HEMISFÉRIO SUL

TABELA 4

CÁLCULO DA CONVERGÊNCIA MERIDIANA EM FUNÇÃO DAS COORDENADAS UTM

$$C = (XV)\,Q - (XVI)\,Q^3 + (F'5)\,Q^5$$

ARGUMENTO: LAT1 (VIDE TABELA 2)

COEFICIENTES (XV), (XVI) E (F'5) NEGATIVOS PARA O HEMISFÉRIO SUL

TABELA 5

CÁLCULO DO FATOR DE ESCALA

$$K = KO\ (1 + (XVIII)\ Q^2 + 0.00003\ Q^4)$$

$$KO = 0.9996$$

$$Q = 0.000001\ (E - 500000)$$

OBSERVAÇÃO

Nas fórmulas que aparecem no cabeçalho das tabelas, em decorrência das limitações da cadeia de impressão do computador, foram utilizados dois asteriscos (**) como sinal de expoente. Ex.: Q** 5 equivale a Q^5
P** 2 equivale a P^2

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
0	0	0.000	0.000	0.000	0.000	0.00	0.0	0.012384
	1	2.909	0.002	0.000	9.411	0.08	0.0	0.012384
	2	5.818	0.005	0.000	18.822	0.15	0.0	0.012384
	3	8.727	0.007	0.000	28.233	0.23	0.0	0.012384
	4	11.636	0.009	0.000	37.643	0.31	0.0	0.012384
0	5	14.544	0.012	0.000	47.054	0.38	0.0	0.012384
	6	17.453	0.014	0.000	56.465	0.46	0.0	0.012384
	7	20.362	0.016	0.000	65.876	0.54	0.0	0.012384
	8	23.271	0.019	0.000	75.287	0.61	0.0	0.012384
	9	26.180	0.021	0.000	84.698	0.69	0.0	0.012384
0	10	29.089	0.023	0.000	94.109	0.77	0.0	0.012384
	11	31.998	0.026	0.000	103.520	0.84	0.0	0.012384
	12	34.907	0.028	0.000	112.931	0.92	0.0	0.012384
	13	37.815	0.030	0.000	122.342	1.00	0.0	0.012384
	14	40.724	0.033	0.000	131.753	1.07	0.0	0.012384
0	15	43.633	0.035	0.000	141.164	1.15	0.0	0.012384
	16	46.542	0.037	0.000	150.575	1.23	0.0	0.012384
	17	49.451	0.040	0.000	159.986	1.30	0.0	0.012384
	18	52.360	0.042	0.000	169.397	1.38	0.0	0.012384
	19	55.268	0.044	0.000	178.808	1.46	0.0	0.012384
0	20	58.177	0.047	0.000	188.219	1.53	0.0	0.012384
	21	61.086	0.049	0.000	197.631	1.61	0.0	0.012384
	22	63.995	0.051	0.000	207.042	1.69	0.0	0.012384
	23	66.904	0.053	0.000	216.453	1.76	0.0	0.012384
	24	69.813	0.056	0.000	225.864	1.84	0.0	0.012384
0	25	72.721	0.058	0.000	235.276	1.92	0.0	0.012384
	26	75.630	0.060	0.000	244.687	1.99	0.0	0.012384
	27	78.539	0.063	0.000	254.099	2.07	0.0	0.012384
	28	81.448	0.065	0.000	263.510	2.15	0.0	0.012384
	29	84.357	0.067	0.000	272.922	2.22	0.0	0.012384
0	30	87.265	0.070	0.000	282.333	2.30	0.0	0.012384
	31	90.174	0.072	0.000	291.745	2.38	0.0	0.012383
	32	93.083	0.074	0.000	301.156	2.45	0.0	0.012383
	33	95.992	0.077	0.000	310.568	2.53	0.0	0.012383
	34	98.900	0.079	0.000	319.980	2.61	0.0	0.012383
0	35	101.809	0.081	0.000	329.392	2.68	0.0	0.012383
	36	104.718	0.084	0.000	338.803	2.76	0.0	0.012383
	37	107.627	0.086	0.000	348.215	2.84	0.0	0.012383
	38	110.535	0.088	0.000	357.627	2.91	0.0	0.012383
	39	113.444	0.091	0.000	367.039	2.99	0.0	0.012383
0	40	116.353	0.093	0.000	376.451	3.07	0.0	0.012383
	41	119.261	0.095	0.000	385.864	3.14	0.0	0.012383
	42	122.170	0.098	0.000	395.276	3.22	0.0	0.012383
	43	125.079	0.100	0.000	404.688	3.30	0.0	0.012383
	44	127.987	0.102	0.000	414.100	3.37	0.0	0.012383
0	45	130.896	0.105	0.000	423.513	3.45	0.0	0.012383
	46	133.805	0.107	0.000	432.925	3.53	0.0	0.012383
	47	136.713	0.109	0.000	442.338	3.60	0.0	0.012383
	48	139.622	0.112	0.000	451.751	3.68	0.0	0.012383
	49	142.530	0.114	0.000	461.163	3.76	0.0	0.012383
0	50	145.439	0.116	0.000	470.576	3.83	0.0	0.012383
	51	148.348	0.119	0.000	479.989	3.91	0.0	0.012383
	52	151.256	0.121	0.000	489.402	3.99	0.0	0.012383
	53	154.165	0.123	0.000	498.815	4.06	0.0	0.012383
	54	157.073	0.126	0.000	508.228	4.14	0.0	0.012383
0	55	159.982	0.128	0.000	517.641	4.22	0.0	0.012383
	56	162.890	0.130	0.000	527.055	4.29	0.0	0.012383
	57	165.799	0.133	0.000	536.468	4.37	0.0	0.012383
	58	168.707	0.135	0.000	545.882	4.45	0.0	0.012383
	59	171.616	0.137	0.000	555.295	4.52	0.0	0.012383
1	00	174.524	0.139	0.000	564.709	4.60	0.0	0.012383

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
1	0	174.524	0.139	0.000	564.709	4.60	0.0	0.012383
	1	177.432	0.142	0.000	574.122	4.68	0.0	0.012383
	2	180.341	0.144	0.000	583.536	4.75	0.0	0.012383
	3	183.249	0.146	0.000	592.950	4.83	0.0	0.012383
	4	186.158	0.149	0.000	602.364	4.91	0.0	0.012383
1	5	189.066	0.151	0.000	611.778	4.98	0.0	0.012383
	6	191.974	0.153	0.000	621.193	5.06	0.1	0.012383
	7	194.883	0.156	0.000	630.607	5.14	0.1	0.012383
	8	197.791	0.158	0.000	640.022	5.21	0.1	0.012383
	9	200.699	0.160	0.000	649.436	5.29	0.1	0.012383
1	10	203.608	0.163	0.000	658.851	5.37	0.1	0.012383
	11	206.516	0.165	0.000	668.266	5.44	0.1	0.012383
	12	209.424	0.167	0.000	677.680	5.52	0.1	0.012383
	13	212.332	0.170	0.000	687.095	5.60	0.1	0.012383
	14	215.241	0.172	0.000	696.511	5.68	0.1	0.012383
1	15	218.149	0.174	0.000	705.926	5.75	0.1	0.012383
	16	221.057	0.177	0.000	715.341	5.83	0.1	0.012383
	17	223.965	0.179	0.000	724.757	5.91	0.1	0.012383
	18	226.873	0.181	0.000	734.172	5.98	0.1	0.012383
	19	229.781	0.184	0.000	743.588	6.06	0.1	0.012383
1	20	232.690	0.186	0.000	753.004	6.14	0.1	0.012383
	21	235.598	0.188	0.000	762.420	6.21	0.1	0.012383
	22	238.506	0.191	0.000	771.836	6.29	0.1	0.012383
	23	241.414	0.193	0.000	781.252	6.37	0.1	0.012383
	24	244.322	0.195	0.000	790.669	6.44	0.1	0.012383
1	25	247.230	0.198	0.000	800.085	6.52	0.1	0.012383
	26	250.138	0.200	0.000	809.502	6.60	0.1	0.012383
	27	253.046	0.202	0.000	818.918	6.67	0.1	0.012383
	28	255.954	0.204	0.000	828.335	6.75	0.1	0.012383
	29	258.862	0.207	0.000	837.752	6.83	0.1	0.012383
1	30	261.769	0.209	0.000	847.170	6.90	0.1	0.012383
	31	264.677	0.211	0.000	856.587	6.98	0.1	0.012383
	32	267.585	0.214	0.000	866.004	7.06	0.1	0.012383
	33	270.493	0.216	0.000	875.422	7.14	0.1	0.012383
	34	273.401	0.218	0.000	884.840	7.21	0.1	0.012383
1	35	276.309	0.221	0.000	894.258	7.29	0.1	0.012383
	36	279.216	0.223	0.000	903.676	7.37	0.1	0.012383
	37	282.124	0.225	0.000	913.094	7.44	0.1	0.012383
	38	285.032	0.228	0.000	922.512	7.52	0.1	0.012383
	39	287.940	0.230	0.000	931.931	7.60	0.1	0.012383
1	40	290.847	0.232	0.000	941.349	7.67	0.1	0.012383
	41	293.755	0.235	0.000	950.768	7.75	0.1	0.012383
	42	296.662	0.237	0.000	960.187	7.83	0.1	0.012383
	43	299.570	0.239	0.000	969.606	7.90	0.1	0.012383
	44	302.478	0.242	0.000	979.026	7.98	0.1	0.012383
1	45	305.385	0.244	0.000	988.445	8.06	0.1	0.012383
	46	308.293	0.246	0.000	997.865	8.13	0.1	0.012383
	47	311.200	0.249	0.000	1007.285	8.21	0.1	0.012383
	48	314.108	0.251	0.000	1016.705	8.29	0.1	0.012383
	49	317.015	0.253	0.000	1026.125	8.37	0.1	0.012383
1	50	319.922	0.255	0.000	1035.545	8.44	0.1	0.012383
	51	322.830	0.258	0.000	1044.966	8.52	0.1	0.012383
	52	325.737	0.260	0.000	1054.386	8.60	0.1	0.012383
	53	328.644	0.262	0.000	1063.807	8.67	0.1	0.012383
	54	331.552	0.265	0.000	1073.228	8.75	0.1	0.012383
1	55	334.459	0.267	0.000	1082.649	8.83	0.1	0.012383
	56	337.366	0.269	0.000	1092.071	8.90	0.1	0.012383
	57	340.274	0.272	0.000	1101.492	8.98	0.1	0.012383
	58	343.181	0.274	0.000	1110.914	9.06	0.1	0.012383
	59	346.088	0.276	0.000	1120.336	9.14	0.1	0.012383
2	00	348.995	0.279	0.000	1129.758	9.21	0.1	0.012383

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
2	0	348.995	0.279	0.000	1129.758	9.21	0.1	0.012383
	1	351.902	0.281	0.000	1139.181	9.29	0.1	0.012383
	2	354.809	0.283	0.000	1148.603	9.37	0.1	0.012383
	3	357.716	0.286	0.000	1158.026	9.44	0.1	0.012383
	4	360.623	0.288	0.000	1167.449	9.52	0.1	0.012383
2	5	363.530	0.290	0.000	1176.872	9.60	0.1	0.012383
	6	366.437	0.293	0.000	1186.295	9.67	0.1	0.012383
	7	369.344	0.295	0.000	1195.719	9.75	0.1	0.012383
	8	372.251	0.297	0.000	1205.142	9.83	0.1	0.012383
	9	375.158	0.299	0.000	1214.566	9.91	0.1	0.012383
2	10	378.065	0.302	0.000	1223.990	9.98	0.1	0.012383
	11	380.971	0.304	0.000	1233.415	10.06	0.1	0.012383
	12	383.878	0.306	0.000	1242.839	10.14	0.1	0.012383
	13	386.785	0.309	0.000	1252.264	10.21	0.1	0.012383
	14	389.692	0.311	0.000	1261.689	10.29	0.1	0.012383
2	15	392.598	0.313	0.000	1271.114	10.37	0.1	0.012383
	16	395.505	0.316	0.000	1280.539	10.45	0.1	0.012383
	17	398.411	0.318	0.000	1289.965	10.52	0.1	0.012383
	18	401.318	0.320	0.000	1299.391	10.60	0.1	0.012383
	19	404.224	0.323	0.000	1308.817	10.68	0.1	0.012383
2	20	407.131	0.325	0.000	1318.243	10.75	0.1	0.012383
	21	410.037	0.327	0.000	1327.669	10.83	0.1	0.012383
	22	412.944	0.330	0.000	1337.096	10.91	0.1	0.012383
	23	415.850	0.332	0.000	1346.523	10.99	0.1	0.012383
	24	418.757	0.334	0.000	1355.950	11.06	0.1	0.012383
2	25	421.663	0.336	0.000	1365.377	11.14	0.1	0.012383
	26	424.569	0.339	0.000	1374.805	11.22	0.1	0.012383
	27	427.475	0.341	0.000	1384.233	11.29	0.1	0.012383
	28	430.382	0.343	0.000	1393.661	11.37	0.1	0.012383
	29	433.288	0.346	0.000	1403.089	11.45	0.1	0.012383
2	30	436.194	0.348	0.000	1412.517	11.53	0.1	0.012383
	31	439.100	0.350	0.000	1421.946	11.60	0.1	0.012383
	32	442.006	0.353	0.000	1431.375	11.68	0.1	0.012383
	33	444.912	0.355	0.000	1440.804	11.76	0.1	0.012383
	34	447.818	0.357	0.000	1450.234	11.84	0.1	0.012383
2	35	450.724	0.360	0.000	1459.664	11.91	0.1	0.012383
	36	453.630	0.362	0.000	1469.094	11.99	0.1	0.012383
	37	456.536	0.364	0.000	1478.524	12.07	0.1	0.012383
	38	459.442	0.366	0.000	1487.954	12.14	0.1	0.012383
	39	462.347	0.369	0.000	1497.385	12.22	0.1	0.012383
2	40	465.253	0.371	0.000	1506.816	12.30	0.1	0.012383
	41	468.159	0.373	0.000	1516.247	12.38	0.1	0.012383
	42	471.065	0.376	0.000	1525.678	12.45	0.1	0.012383
	43	473.970	0.378	0.000	1535.110	12.53	0.1	0.012383
	44	476.876	0.380	0.000	1544.542	12.61	0.1	0.012383
2	45	479.781	0.383	0.000	1553.974	12.69	0.1	0.012383
	46	482.687	0.385	0.000	1563.407	12.76	0.1	0.012383
	47	485.592	0.387	0.000	1572.840	12.84	0.1	0.012383
	48	488.498	0.390	0.000	1582.273	12.92	0.1	0.012383
	49	491.403	0.392	0.000	1591.706	13.00	0.1	0.012383
2	50	494.308	0.394	0.000	1601.140	13.07	0.1	0.012383
	51	497.214	0.396	0.000	1610.573	13.15	0.1	0.012383
	52	500.119	0.399	0.000	1620.007	13.23	0.1	0.012383
	53	503.024	0.401	0.000	1629.442	13.30	0.1	0.012383
	54	505.929	0.403	0.000	1638.876	13.38	0.1	0.012383
2	55	508.835	0.406	0.000	1648.311	13.46	0.1	0.012383
	56	511.740	0.408	0.000	1657.747	13.54	0.1	0.012383
	57	514.645	0.410	0.000	1667.182	13.61	0.1	0.012383
	58	517.550	0.413	0.000	1676.618	13.69	0.1	0.012383
	59	520.455	0.415	0.000	1686.054	13.77	0.1	0.012383
3	00	523.360	0.417	0.000	1695.490	13.85	0.1	0.012383

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
3	0	523.360	0.417	0.000	1695.490	13.85	0.1	0.012383
	1	526.264	0.420	0.000	1704.927	13.92	0.1	0.012383
	2	529.169	0.422	0.000	1714.364	14.00	0.1	0.012383
	3	532.074	0.424	0.000	1723.801	14.08	0.1	0.012383
	4	534.979	0.426	0.000	1733.238	14.16	0.1	0.012383
3	5	537.883	0.429	0.000	1742.676	14.23	0.1	0.012383
	6	540.788	0.431	0.000	1752.114	14.31	0.1	0.012383
	7	543.693	0.433	0.000	1761.552	14.39	0.1	0.012383
	8	546.597	0.436	0.000	1770.991	14.47	0.1	0.012383
	9	549.502	0.438	0.000	1780.430	14.54	0.1	0.012383
3	10	552.406	0.440	0.000	1789.869	14.62	0.1	0.012383
	11	555.311	0.443	0.000	1799.309	14.70	0.1	0.012383
	12	558.215	0.445	0.000	1808.748	14.78	0.1	0.012383
	13	561.119	0.447	0.000	1818.189	14.86	0.1	0.012383
	14	564.024	0.449	0.000	1827.629	14.93	0.1	0.012383
3	15	566.928	0.452	0.000	1837.070	15.01	0.1	0.012383
	16	569.832	0.454	0.000	1846.511	15.09	0.2	0.012383
	17	572.736	0.456	0.000	1855.952	15.17	0.2	0.012383
	18	575.640	0.459	0.000	1865.394	15.24	0.2	0.012383
	19	578.544	0.461	0.000	1874.836	15.32	0.2	0.012383
3	20	581.448	0.463	0.000	1884.278	15.40	0.2	0.012383
	21	584.352	0.466	0.000	1893.721	15.48	0.2	0.012383
	22	587.256	0.468	0.000	1903.164	15.55	0.2	0.012383
	23	590.160	0.470	0.000	1912.607	15.63	0.2	0.012383
	24	593.064	0.472	0.000	1922.051	15.71	0.2	0.012383
3	25	595.967	0.475	0.000	1931.495	15.79	0.2	0.012383
	26	598.871	0.477	0.000	1940.939	15.87	0.2	0.012383
	27	601.775	0.479	0.000	1950.383	15.94	0.2	0.012383
	28	604.678	0.482	0.000	1959.828	16.02	0.2	0.012383
	29	607.582	0.484	0.000	1969.274	16.10	0.2	0.012383
3	30	610.485	0.486	0.000	1978.719	16.18	0.2	0.012383
	31	613.389	0.488	0.000	1988.165	16.25	0.2	0.012383
	32	616.292	0.491	0.000	1997.611	16.33	0.2	0.012383
	33	619.196	0.493	0.000	2007.058	16.41	0.2	0.012383
	34	622.099	0.495	0.000	2016.505	16.49	0.2	0.012383
3	35	625.002	0.498	0.000	2025.952	16.57	0.2	0.012383
	36	627.905	0.500	0.000	2035.399	16.64	0.2	0.012383
	37	630.808	0.502	0.000	2044.847	16.72	0.2	0.012383
	38	633.711	0.505	0.000	2054.296	16.80	0.2	0.012383
	39	636.614	0.507	0.000	2063.744	16.88	0.2	0.012383
3	40	639.517	0.509	0.000	2073.193	16.95	0.2	0.012383
	41	642.420	0.511	0.000	2082.642	17.03	0.2	0.012383
	42	645.323	0.514	0.000	2092.092	17.11	0.2	0.012383
	43	648.226	0.516	0.000	2101.542	17.19	0.2	0.012383
	44	651.129	0.518	0.000	2110.992	17.27	0.2	0.012383
3	45	654.031	0.521	0.000	2120.443	17.34	0.2	0.012383
	46	656.934	0.523	0.000	2129.894	17.42	0.2	0.012383
	47	659.836	0.525	0.000	2139.346	17.50	0.2	0.012383
	48	662.739	0.527	0.000	2148.797	17.58	0.2	0.012383
	49	665.641	0.530	0.000	2158.250	17.66	0.2	0.012383
3	50	668.544	0.532	0.000	2167.702	17.73	0.2	0.012383
	51	671.446	0.534	0.000	2177.155	17.81	0.2	0.012383
	52	674.349	0.537	0.000	2186.608	17.89	0.2	0.012383
	53	677.251	0.539	0.000	2196.062	17.97	0.2	0.012383
	54	680.153	0.541	0.000	2205.516	18.05	0.2	0.012383
3	55	683.055	0.543	0.000	2214.970	18.12	0.2	0.012383
	56	685.957	0.546	0.000	2224.425	18.20	0.2	0.012383
	57	688.859	0.548	0.001	2233.880	18.28	0.2	0.012383
	58	691.761	0.550	0.001	2243.335	18.36	0.2	0.012383
	59	694.663	0.553	0.001	2252.791	18.44	0.2	0.012383
4	00	697.565	0.555	0.001	2262.248	18.52	0.2	0.012383

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
4	0	697.565	0.555	0.001	2262.248	18.52	0.2	0.012383
	1	700.467	0.557	0.001	2271.704	18.59	0.2	0.012383
	2	703.368	0.559	0.001	2281.161	18.67	0.2	0.012383
	3	706.270	0.562	0.001	2290.619	18.75	0.2	0.012383
	4	709.171	0.564	0.001	2300.076	18.83	0.2	0.012383
4	5	712.073	0.566	0.001	2309.534	18.91	0.2	0.012383
	6	714.974	0.569	0.001	2318.993	18.98	0.2	0.012383
	7	717.876	0.571	0.001	2328.452	19.06	0.2	0.012383
	8	720.777	0.573	0.001	2337.911	19.14	0.2	0.012383
	9	723.678	0.575	0.001	2347.371	19.22	0.2	0.012383
4	10	726.580	0.578	0.001	2356.831	19.30	0.2	0.012383
	11	729.481	0.580	0.001	2366.292	19.38	0.2	0.012383
	12	732.382	0.582	0.001	2375.753	19.45	0.2	0.012383
	13	735.283	0.585	0.001	2385.214	19.53	0.2	0.012383
	14	738.184	0.587	0.001	2394.676	19.61	0.2	0.012383
4	15	741.085	0.589	0.001	2404.138	19.69	0.2	0.012383
	16	743.986	0.591	0.001	2413.600	19.77	0.2	0.012383
	17	746.887	0.594	0.001	2423.063	19.85	0.2	0.012383
	18	749.787	0.596	0.001	2432.526	19.92	0.2	0.012383
	19	752.688	0.598	0.001	2441.990	20.00	0.2	0.012383
4	20	755.589	0.600	0.001	2451.454	20.08	0.2	0.012383
	21	758.489	0.603	0.001	2460.919	20.16	0.2	0.012383
	22	761.390	0.605	0.001	2470.384	20.24	0.2	0.012383
	23	764.290	0.607	0.001	2479.849	20.32	0.2	0.012383
	24	767.190	0.610	0.001	2489.315	20.39	0.2	0.012383
4	25	770.091	0.612	0.001	2498.781	20.47	0.2	0.012383
	26	772.991	0.614	0.001	2508.248	20.55	0.2	0.012383
	27	775.891	0.616	0.001	2517.715	20.63	0.2	0.012383
	28	778.791	0.619	0.001	2527.183	20.71	0.2	0.012383
	29	781.691	0.621	0.001	2536.651	20.79	0.2	0.012383
4	30	784.591	0.623	0.001	2546.119	20.87	0.2	0.012382
	31	787.491	0.626	0.001	2555.588	20.94	0.2	0.012382
	32	790.391	0.628	0.001	2565.057	21.02	0.2	0.012382
	33	793.290	0.630	0.001	2574.527	21.10	0.2	0.012382
	34	796.190	0.632	0.001	2583.997	21.18	0.2	0.012382
4	35	799.090	0.635	0.001	2593.467	21.26	0.2	0.012382
	36	801.989	0.637	0.001	2602.938	21.34	0.2	0.012382
	37	804.889	0.639	0.001	2612.410	21.42	0.2	0.012382
	38	807.788	0.641	0.001	2621.881	21.49	0.2	0.012382
	39	810.687	0.644	0.001	2631.354	21.57	0.2	0.012382
4	40	813.587	0.646	0.001	2640.826	21.65	0.2	0.012382
	41	816.486	0.648	0.001	2650.300	21.73	0.2	0.012382
	42	819.385	0.651	0.001	2659.773	21.81	0.2	0.012382
	43	822.284	0.653	0.001	2669.247	21.89	0.2	0.012382
	44	825.183	0.655	0.001	2678.722	21.97	0.2	0.012382
4	45	828.082	0.657	0.001	2688.197	22.05	0.2	0.012382
	46	830.981	0.660	0.001	2697.672	22.12	0.2	0.012382
	47	833.880	0.662	0.001	2707.148	22.20	0.2	0.012382
	48	836.778	0.664	0.001	2716.624	22.28	0.2	0.012382
	49	839.677	0.656	0.001	2726.101	22.36	0.2	0.012382
4	50	842.576	0.659	0.001	2735.578	22.44	0.2	0.012382
	51	845.474	0.671	0.001	2745.056	22.52	0.2	0.012382
	52	848.373	0.673	0.001	2754.534	22.60	0.2	0.012382
	53	851.271	0.675	0.001	2764.013	22.68	0.2	0.012382
	54	854.169	0.678	0.001	2773.492	22.76	0.2	0.012382
4	55	857.067	0.680	0.001	2782.972	22.83	0.2	0.012382
	56	859.966	0.682	0.001	2792.452	22.91	0.2	0.012382
	57	862.864	0.685	0.001	2801.932	22.99	0.2	0.012382
	58	865.762	0.687	0.001	2811.413	23.07	0.2	0.012382
	59	868.660	0.689	0.001	2820.895	23.15	0.2	0.012382
5	00	871.557	0.691	0.001	2830.377	23.23	0.2	0.012382

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
5	0	871.557	0.691	0.001	2830.377	23.23	0.2	0.012382
	1	874.455	0.694	0.001	2839.859	23.31	0.2	0.012382
	2	877.353	0.696	0.001	2849.342	23.39	0.2	0.012382
	3	880.251	0.698	0.001	2858.825	23.47	0.2	0.012382
	4	883.148	0.700	0.001	2868.309	23.55	0.2	0.012382
5	5	886.046	0.703	0.001	2877.793	23.62	0.2	0.012382
	6	888.943	0.705	0.001	2887.278	23.70	0.2	0.012382
	7	891.840	0.707	0.001	2896.764	23.78	0.2	0.012382
	8	894.738	0.709	0.001	2906.249	23.86	0.2	0.012382
	9	897.635	0.712	0.001	2915.736	23.94	0.2	0.012382
5	10	900.532	0.714	0.001	2925.222	24.02	0.2	0.012382
	11	903.429	0.716	0.001	2934.710	24.10	0.2	0.012382
	12	906.326	0.718	0.001	2944.198	24.18	0.2	0.012382
	13	909.223	0.721	0.001	2953.686	24.26	0.2	0.012382
	14	912.119	0.723	0.001	2963.175	24.34	0.2	0.012382
5	15	915.016	0.725	0.001	2972.664	24.42	0.2	0.012382
	16	917.913	0.727	0.001	2982.154	24.50	0.2	0.012382
	17	920.809	0.730	0.001	2991.644	24.57	0.2	0.012382
	18	923.706	0.732	0.001	3001.135	24.65	0.2	0.012382
	19	926.602	0.734	0.001	3010.626	24.73	0.2	0.012382
5	20	929.499	0.736	0.001	3020.118	24.81	0.2	0.012382
	21	932.395	0.739	0.001	3029.610	24.89	0.2	0.012382
	22	935.291	0.741	0.001	3039.103	24.97	0.3	0.012382
	23	938.187	0.743	0.001	3048.596	25.05	0.3	0.012382
	24	941.083	0.746	0.001	3058.090	25.13	0.3	0.012382
5	25	943.979	0.748	0.001	3067.585	25.21	0.3	0.012382
	26	946.875	0.750	0.001	3077.079	25.29	0.3	0.012382
	27	949.771	0.752	0.001	3086.575	25.37	0.3	0.012382
	28	952.666	0.755	0.001	3096.071	25.45	0.3	0.012382
	29	955.562	0.757	0.001	3105.567	25.53	0.3	0.012382
5	30	958.458	0.759	0.001	3115.064	25.61	0.3	0.012382
	31	961.353	0.761	0.001	3124.562	25.69	0.3	0.012382
	32	964.248	0.764	0.001	3134.060	25.77	0.3	0.012382
	33	967.144	0.756	0.001	3143.558	25.85	0.3	0.012382
	34	970.039	0.768	0.001	3153.058	25.93	0.3	0.012382
5	35	972.934	0.770	0.001	3162.557	26.01	0.3	0.012382
	36	975.829	0.772	0.001	3172.057	26.08	0.3	0.012382
	37	978.724	0.775	0.001	3181.558	26.16	0.3	0.012382
	38	981.619	0.777	0.001	3191.059	26.24	0.3	0.012382
	39	984.514	0.779	0.001	3200.561	26.32	0.3	0.012382
5	40	987.408	0.781	0.001	3210.063	26.40	0.3	0.012382
	41	990.303	0.784	0.001	3219.566	26.48	0.3	0.012382
	42	993.197	0.786	0.001	3229.070	26.56	0.3	0.012382
	43	996.092	0.788	0.001	3238.574	26.64	0.3	0.012382
	44	998.986	0.790	0.001	3248.078	26.72	0.3	0.012382
5	45	1001.881	0.793	0.001	3257.583	26.80	0.3	0.012382
	46	1004.775	0.795	0.001	3267.089	26.88	0.3	0.012382
	47	1007.669	0.797	0.001	3276.595	26.96	0.3	0.012382
	48	1010.563	0.799	0.001	3286.102	27.04	0.3	0.012382
	49	1013.457	0.802	0.001	3295.609	27.12	0.3	0.012382
5	50	1016.351	0.804	0.001	3305.117	27.20	0.3	0.012382
	51	1019.245	0.806	0.001	3314.625	27.28	0.3	0.012382
	52	1022.138	0.808	0.001	3324.134	27.36	0.3	0.012382
	53	1025.032	0.811	0.001	3333.644	27.44	0.3	0.012382
	54	1027.925	0.813	0.001	3343.154	27.52	0.3	0.012382
5	55	1030.819	0.815	0.001	3352.664	27.60	0.3	0.012382
	56	1033.712	0.817	0.001	3362.176	27.68	0.3	0.012382
	57	1036.605	0.820	0.001	3371.687	27.76	0.3	0.012382
	58	1039.499	0.822	0.001	3381.200	27.84	0.3	0.012382
	59	1042.392	0.824	0.001	3390.713	27.92	0.3	0.012382
6	00	1045.285	0.826	0.001	3400.226	28.00	0.3	0.012382

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
6	0	1045.285	0.826	0.001	3400.226	28.00	0.3	0.012382
	1	1048.178	0.829	0.001	3409.740	28.08	0.3	0.012382
	2	1051.070	0.831	0.001	3419.255	28.16	0.3	0.012382
	3	1053.963	0.833	0.001	3428.770	28.24	0.3	0.012382
	4	1056.856	0.835	0.001	3438.286	28.32	0.3	0.012382
6	5	1059.748	0.837	0.001	3447.802	28.40	0.3	0.012382
	6	1062.641	0.840	0.001	3457.319	28.48	0.3	0.012382
	7	1065.533	0.842	0.001	3466.837	28.56	0.3	0.012382
	8	1068.425	0.844	0.001	3476.355	28.64	0.3	0.012382
	9	1071.318	0.846	0.001	3485.874	28.72	0.3	0.012382
6	10	1074.210	0.849	0.001	3495.393	28.80	0.3	0.012382
	11	1077.102	0.851	0.001	3504.913	28.88	0.3	0.012382
	12	1079.994	0.853	0.001	3514.434	28.96	0.3	0.012382
	13	1082.885	0.855	0.001	3523.955	29.04	0.3	0.012382
	14	1085.777	0.858	0.001	3533.476	29.12	0.3	0.012382
6	15	1088.669	0.860	0.001	3542.999	29.20	0.3	0.012382
	16	1091.560	0.862	0.001	3552.522	29.28	0.3	0.012382
	17	1094.452	0.864	0.001	3562.045	29.36	0.3	0.012382
	18	1097.343	0.866	0.001	3571.569	29.45	0.3	0.012382
	19	1100.234	0.869	0.001	3581.094	29.53	0.3	0.012382
6	20	1103.126	0.871	0.001	3590.619	29.61	0.3	0.012381
	21	1106.017	0.873	0.001	3600.145	29.69	0.3	0.012381
	22	1108.908	0.875	0.001	3609.672	29.77	0.3	0.012381
	23	1111.799	0.878	0.001	3619.199	29.85	0.3	0.012381
	24	1114.689	0.880	0.001	3628.727	29.93	0.3	0.012381
6	25	1117.580	0.882	0.001	3638.255	30.01	0.3	0.012381
	26	1120.471	0.884	0.001	3647.784	30.09	0.3	0.012381
	27	1123.361	0.886	0.001	3657.314	30.17	0.3	0.012381
	28	1126.252	0.889	0.001	3666.844	30.25	0.3	0.012381
	29	1129.142	0.891	0.001	3676.375	30.33	0.3	0.012381
6	30	1132.032	0.893	0.001	3685.907	30.41	0.3	0.012381
	31	1134.922	0.895	0.001	3695.439	30.49	0.3	0.012381
	32	1137.812	0.898	0.001	3704.971	30.57	0.3	0.012381
	33	1140.702	0.900	0.001	3714.505	30.65	0.3	0.012381
	34	1143.592	0.902	0.001	3724.039	30.73	0.3	0.012381
6	35	1146.482	0.904	0.001	3733.573	30.82	0.3	0.012381
	36	1149.372	0.906	0.001	3743.109	30.90	0.3	0.012381
	37	1152.261	0.909	0.001	3752.645	30.98	0.3	0.012381
	38	1155.151	0.911	0.001	3762.181	31.06	0.3	0.012381
	39	1158.040	0.913	0.001	3771.718	31.14	0.3	0.012381
6	40	1160.929	0.915	0.001	3781.256	31.22	0.3	0.012381
	41	1163.818	0.917	0.001	3790.795	31.30	0.3	0.012381
	42	1166.707	0.920	0.001	3800.334	31.38	0.3	0.012381
	43	1169.596	0.922	0.001	3809.874	31.46	0.3	0.012381
	44	1172.485	0.924	0.001	3819.414	31.54	0.3	0.012381
6	45	1175.374	0.926	0.001	3828.955	31.62	0.3	0.012381
	46	1178.263	0.929	0.001	3838.497	31.71	0.3	0.012381
	47	1181.151	0.931	0.001	3848.039	31.79	0.3	0.012381
	48	1184.040	0.933	0.001	3857.582	31.87	0.3	0.012381
	49	1186.928	0.935	0.001	3867.126	31.95	0.3	0.012381
6	50	1189.816	0.937	0.001	3876.670	32.03	0.3	0.012381
	51	1192.704	0.940	0.001	3886.215	32.11	0.3	0.012381
	52	1195.593	0.942	0.001	3895.761	32.19	0.3	0.012381
	53	1198.481	0.944	0.001	3905.307	32.27	0.3	0.012381
	54	1201.368	0.946	0.001	3914.854	32.35	0.3	0.012381
6	55	1204.256	0.948	0.001	3924.402	32.44	0.3	0.012381
	56	1207.144	0.951	0.001	3933.950	32.52	0.3	0.012381
	57	1210.031	0.953	0.001	3943.499	32.60	0.3	0.012381
	58	1212.919	0.955	0.001	3953.049	32.68	0.3	0.012381
	59	1215.806	0.957	0.001	3962.599	32.76	0.3	0.012381
7	00	1218.693	0.959	0.001	3972.150	32.84	0.3	0.012381

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
7	0	1218.693	0.959	0.001	3972.150	32.84	0.3	0.012381
	1	1221.581	0.962	0.001	3981.702	32.92	0.3	0.012381
	2	1224.468	0.964	0.001	3991.254	33.00	0.3	0.012381
	3	1227.355	0.966	0.001	4000.807	33.09	0.3	0.012381
	4	1230.241	0.968	0.001	4010.361	33.17	0.3	0.012381
7	5	1233.128	0.970	0.001	4019.915	33.25	0.3	0.012381
	6	1236.015	0.973	0.001	4029.470	33.33	0.3	0.012381
	7	1238.901	0.975	0.001	4039.026	33.41	0.3	0.012381
	8	1241.788	0.977	0.001	4048.582	33.49	0.3	0.012381
	9	1244.674	0.979	0.001	4058.140	33.57	0.3	0.012381
7	10	1247.560	0.981	0.001	4067.697	33.66	0.3	0.012381
	11	1250.446	0.984	0.001	4077.256	33.74	0.3	0.012381
	12	1253.332	0.986	0.001	4086.815	33.82	0.3	0.012381
	13	1256.218	0.988	0.001	4096.375	33.90	0.3	0.012381
	14	1259.104	0.990	0.001	4105.936	33.98	0.3	0.012381
7	15	1261.990	0.992	0.001	4115.497	34.06	0.3	0.012381
	16	1264.875	0.995	0.001	4125.059	34.15	0.3	0.012381
	17	1267.761	0.997	0.001	4134.622	34.23	0.3	0.012381
	18	1270.646	0.999	0.001	4144.185	34.31	0.3	0.012381
	19	1273.531	1.001	0.001	4153.749	34.39	0.3	0.012381
7	20	1276.416	1.003	0.001	4163.314	34.47	0.3	0.012381
	21	1279.302	1.006	0.001	4172.880	34.56	0.4	0.012381
	22	1282.186	1.008	0.001	4182.446	34.64	0.4	0.012381
	23	1285.071	1.010	0.001	4192.013	34.72	0.4	0.012381
	24	1287.956	1.012	0.001	4201.581	34.80	0.4	0.012381
7	25	1290.841	1.014	0.001	4211.149	34.88	0.4	0.012381
	26	1293.725	1.017	0.001	4220.718	34.96	0.4	0.012381
	27	1296.609	1.019	0.001	4230.288	35.05	0.4	0.012381
	28	1299.494	1.021	0.001	4239.858	35.13	0.4	0.012381
	29	1302.378	1.023	0.001	4249.430	35.21	0.4	0.012381
7	30	1305.262	1.025	0.001	4259.002	35.29	0.4	0.012381
	31	1308.146	1.027	0.001	4268.574	35.37	0.4	0.012381
	32	1311.030	1.030	0.001	4278.148	35.46	0.4	0.012381
	33	1313.913	1.032	0.001	4287.722	35.54	0.4	0.012381
	34	1316.797	1.034	0.001	4297.297	35.62	0.4	0.012381
7	35	1319.681	1.036	0.001	4306.873	35.70	0.4	0.012381
	36	1322.564	1.038	0.001	4316.449	35.79	0.4	0.012381
	37	1325.447	1.041	0.001	4326.026	35.87	0.4	0.012381
	38	1328.330	1.043	0.001	4335.604	35.95	0.4	0.012381
	39	1331.213	1.045	0.001	4345.183	36.03	0.4	0.012381
7	40	1334.096	1.047	0.001	4354.762	36.11	0.4	0.012381
	41	1336.979	1.049	0.001	4364.342	36.20	0.4	0.012381
	42	1339.862	1.051	0.001	4373.923	36.28	0.4	0.012381
	43	1342.744	1.054	0.001	4383.504	36.36	0.4	0.012381
	44	1345.627	1.056	0.001	4393.087	36.44	0.4	0.012381
7	45	1348.509	1.058	0.001	4402.670	36.53	0.4	0.012380
	46	1351.392	1.060	0.001	4412.254	36.61	0.4	0.012380
	47	1354.274	1.062	0.001	4421.838	36.69	0.4	0.012380
	48	1357.156	1.065	0.001	4431.423	36.77	0.4	0.012380
	49	1360.038	1.067	0.001	4441.009	36.86	0.4	0.012380
7	50	1362.919	1.069	0.001	4450.596	36.94	0.4	0.012380
	51	1365.801	1.071	0.001	4460.184	37.02	0.4	0.012380
	52	1368.683	1.073	0.001	4469.772	37.10	0.4	0.012380
	53	1371.564	1.075	0.001	4479.361	37.19	0.4	0.012380
	54	1374.445	1.078	0.001	4488.951	37.27	0.4	0.012380
7	55	1377.327	1.080	0.001	4498.542	37.35	0.4	0.012380
	56	1380.208	1.082	0.001	4508.133	37.43	0.4	0.012380
	57	1383.089	1.084	0.001	4517.726	37.52	0.4	0.012380
	58	1385.970	1.086	0.001	4527.319	37.60	0.4	0.012380
	59	1388.850	1.088	0.001	4536.912	37.68	0.4	0.012380
8	00	1391.731	1.091	0.001	4546.507	37.77	0.4	0.012380

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
8	0	1391.731	1.091	0.001	4546.507	37.77	0.4	0.012380
	1	1394.612	1.093	0.001	4556.102	37.85	0.4	0.012380
	2	1397.492	1.095	0.001	4565.698	37.93	0.4	0.012380
	3	1400.372	1.097	0.001	4575.295	38.01	0.4	0.012380
	4	1403.252	1.099	0.001	4584.893	38.10	0.4	0.012380
8	5	1406.132	1.101	0.001	4594.491	38.18	0.4	0.012380
	6	1409.012	1.104	0.001	4604.090	38.26	0.4	0.012380
	7	1411.892	1.106	0.001	4613.690	38.35	0.4	0.012380
	8	1414.772	1.108	0.001	4623.291	38.43	0.4	0.012380
	9	1417.651	1.110	0.001	4632.893	38.51	0.4	0.012380
8	10	1420.531	1.112	0.001	4642.495	38.59	0.4	0.012380
	11	1423.410	1.114	0.001	4652.098	38.68	0.4	0.012380
	12	1426.289	1.117	0.001	4661.702	38.76	0.4	0.012380
	13	1429.168	1.119	0.001	4671.307	38.84	0.4	0.012380
	14	1432.047	1.121	0.001	4680.912	38.93	0.4	0.012380
8	15	1434.926	1.123	0.001	4690.519	39.01	0.4	0.012380
	16	1437.805	1.125	0.001	4700.126	39.09	0.4	0.012380
	17	1440.684	1.127	0.001	4709.734	39.18	0.4	0.012380
	18	1443.562	1.129	0.001	4719.343	39.26	0.4	0.012380
	19	1446.440	1.132	0.001	4728.952	39.34	0.4	0.012380
8	20	1449.319	1.134	0.001	4738.563	39.43	0.4	0.012380
	21	1452.197	1.136	0.001	4748.174	39.51	0.4	0.012380
	22	1455.075	1.138	0.001	4757.786	39.59	0.4	0.012380
	23	1457.953	1.140	0.001	4767.399	39.68	0.4	0.012380
	24	1460.830	1.142	0.001	4777.012	39.76	0.4	0.012380
8	25	1463.708	1.145	0.001	4786.627	39.84	0.4	0.012380
	26	1466.585	1.147	0.001	4796.242	39.93	0.4	0.012380
	27	1469.463	1.149	0.001	4805.858	40.01	0.4	0.012380
	28	1472.340	1.151	0.001	4815.475	40.09	0.4	0.012380
	29	1475.217	1.153	0.001	4825.093	40.18	0.4	0.012380
8	30	1478.094	1.155	0.001	4834.711	40.26	0.4	0.012380
	31	1480.971	1.157	0.001	4844.331	40.35	0.4	0.012380
	32	1483.848	1.160	0.001	4853.951	40.43	0.4	0.012380
	33	1486.724	1.162	0.001	4863.572	40.51	0.4	0.012380
	34	1489.601	1.164	0.001	4873.194	40.60	0.4	0.012380
8	35	1492.477	1.166	0.001	4882.817	40.68	0.4	0.012380
	36	1495.353	1.168	0.001	4892.440	40.76	0.4	0.012380
	37	1498.230	1.170	0.001	4902.065	40.85	0.4	0.012380
	38	1501.106	1.172	0.001	4911.690	40.93	0.4	0.012380
	39	1503.981	1.175	0.001	4921.316	41.02	0.4	0.012380
8	40	1506.857	1.177	0.001	4930.943	41.10	0.4	0.012380
	41	1509.733	1.179	0.001	4940.571	41.18	0.4	0.012380
	42	1512.608	1.181	0.001	4950.199	41.27	0.4	0.012380
	43	1515.484	1.183	0.001	4959.829	41.35	0.4	0.012380
	44	1518.359	1.185	0.001	4969.459	41.44	0.4	0.012380
8	45	1521.234	1.187	0.001	4979.090	41.52	0.4	0.012380
	46	1524.109	1.190	0.001	4988.722	41.60	0.4	0.012380
	47	1526.984	1.192	0.001	4998.355	41.69	0.4	0.012380
	48	1529.858	1.194	0.001	5007.989	41.77	0.4	0.012380
	49	1532.733	1.196	0.001	5017.623	41.86	0.4	0.012380
8	50	1535.607	1.198	0.001	5027.259	41.94	0.4	0.012380
	51	1538.482	1.200	0.001	5036.895	42.02	0.4	0.012380
	52	1541.356	1.202	0.001	5046.532	42.11	0.4	0.012380
	53	1544.230	1.204	0.001	5056.170	42.19	0.4	0.012380
	54	1547.104	1.207	0.001	5065.809	42.28	0.4	0.012380
8	55	1549.978	1.209	0.001	5075.449	42.36	0.4	0.012380
	56	1552.851	1.211	0.001	5085.090	42.45	0.4	0.012380
	57	1555.725	1.213	0.001	5094.731	42.53	0.4	0.012380
	58	1558.598	1.215	0.001	5104.374	42.61	0.4	0.012379
	59	1561.472	1.217	0.001	5114.017	42.70	0.4	0.012379
9	00	1564.345	1.219	0.001	5123.661	42.78	0.4	0.012379

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) KO=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=KO(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
9	0	1564.345	1.219	0.001	5123.661	42.78	0.4	0.012379
	1	1567.218	1.221	0.001	5133.306	42.87	0.4	0.012379
	2	1570.091	1.224	0.001	5142.952	42.95	0.4	0.012379
	3	1572.963	1.226	0.001	5152.599	43.04	0.4	0.012379
	4	1575.836	1.228	0.001	5162.247	43.12	0.4	0.012379
9	5	1578.708	1.230	0.001	5171.895	43.21	0.4	0.012379
	6	1581.581	1.232	0.001	5181.545	43.29	0.4	0.012379
	7	1584.453	1.234	0.001	5191.195	43.38	0.4	0.012379
	8	1587.325	1.236	0.001	5200.847	43.46	0.4	0.012379
	9	1590.197	1.238	0.001	5210.499	43.54	0.4	0.012379
9	10	1593.069	1.241	0.001	5220.152	43.63	0.4	0.012379
	11	1595.940	1.243	0.001	5229.806	43.71	0.4	0.012379
	12	1598.812	1.245	0.001	5239.461	43.80	0.5	0.012379
	13	1601.683	1.247	0.001	5249.116	43.88	0.5	0.012379
	14	1604.555	1.249	0.001	5258.773	43.97	0.5	0.012379
9	15	1607.426	1.251	0.001	5268.430	44.05	0.5	0.012379
	16	1610.297	1.253	0.001	5278.089	44.14	0.5	0.012379
	17	1613.167	1.255	0.001	5287.748	44.22	0.5	0.012379
	18	1616.038	1.257	0.001	5297.409	44.31	0.5	0.012379
	19	1618.909	1.250	0.001	5307.070	44.39	0.5	0.012379
9	20	1621.779	1.262	0.001	5316.732	44.48	0.5	0.012379
	21	1624.650	1.264	0.001	5326.395	44.56	0.5	0.012379
	22	1627.520	1.266	0.001	5336.059	44.65	0.5	0.012379
	23	1630.390	1.268	0.001	5345.724	44.73	0.5	0.012379
	24	1633.260	1.270	0.001	5355.390	44.82	0.5	0.012379
9	25	1636.129	1.272	0.001	5365.056	44.91	0.5	0.012379
	26	1638.999	1.274	0.001	5374.724	44.99	0.5	0.012379
	27	1641.868	1.276	0.001	5384.392	45.08	0.5	0.012379
	28	1644.738	1.279	0.001	5394.062	45.16	0.5	0.012379
	29	1647.607	1.281	0.001	5403.732	45.25	0.5	0.012379
9	30	1650.476	1.283	0.001	5413.404	45.33	0.5	0.012379
	31	1653.345	1.285	0.001	5423.076	45.42	0.5	0.012379
	32	1656.214	1.287	0.001	5432.749	45.50	0.5	0.012379
	33	1659.082	1.289	0.001	5442.423	45.59	0.5	0.012379
	34	1661.951	1.291	0.001	5452.098	45.67	0.5	0.012379
9	35	1664.819	1.293	0.001	5461.774	45.76	0.5	0.012379
	36	1667.687	1.295	0.001	5471.451	45.85	0.5	0.012379
	37	1670.556	1.297	0.001	5481.129	45.93	0.5	0.012379
	38	1673.423	1.300	0.001	5490.808	46.02	0.5	0.012379
	39	1676.291	1.302	0.001	5500.488	46.10	0.5	0.012379
9	40	1679.159	1.304	0.001	5510.169	46.19	0.5	0.012379
	41	1682.026	1.306	0.001	5519.850	46.27	0.5	0.012379
	42	1684.894	1.308	0.001	5529.533	46.36	0.5	0.012379
	43	1687.761	1.310	0.001	5539.217	46.45	0.5	0.012379
	44	1690.628	1.312	0.001	5548.901	46.53	0.5	0.012379
9	45	1693.495	1.314	0.001	5558.587	46.62	0.5	0.012379
	46	1696.362	1.316	0.001	5568.273	46.70	0.5	0.012379
	47	1699.228	1.318	0.001	5577.961	46.79	0.5	0.012379
	48	1702.095	1.320	0.001	5587.649	46.88	0.5	0.012379
	49	1704.961	1.323	0.001	5597.338	46.96	0.5	0.012379
9	50	1707.828	1.325	0.001	5607.029	47.05	0.5	0.012379
	51	1710.694	1.327	0.001	5616.720	47.13	0.5	0.012379
	52	1713.560	1.329	0.001	5626.412	47.22	0.5	0.012379
	53	1716.425	1.331	0.001	5636.105	47.31	0.5	0.012379
	54	1719.291	1.333	0.001	5645.800	47.39	0.5	0.012379
9	55	1722.156	1.335	0.001	5655.495	47.48	0.5	0.012379
	56	1725.022	1.337	0.001	5665.191	47.56	0.5	0.012379
	57	1727.887	1.339	0.001	5674.888	47.65	0.5	0.012379
	58	1730.752	1.341	0.001	5684.586	47.74	0.5	0.012379
	59	1733.617	1.343	0.001	5694.285	47.82	0.5	0.012379
10	00	1736.482	1.345	0.001	5703.985	47.91	0.5	0.012379

TABELAS PARA CALCULOS NO SISTEMA DE PROJECKO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
10	0	1736.482	1.345	0.001	5703.985	47.91	0.5	0.012379
	1	1739.346	1.348	0.001	5713.687	48.00	0.5	0.012378
	2	1742.211	1.350	0.001	5723.389	48.08	0.5	0.012378
	3	1745.075	1.352	0.001	5733.092	48.17	0.5	0.012378
	4	1747.939	1.354	0.001	5742.796	48.26	0.5	0.012378
10	5	1750.803	1.356	0.001	5752.501	48.34	0.5	0.012378
	6	1753.667	1.358	0.001	5762.207	48.43	0.5	0.012378
	7	1756.531	1.360	0.001	5771.914	48.52	0.5	0.012378
	8	1759.395	1.362	0.001	5781.622	48.60	0.5	0.012378
	9	1762.258	1.364	0.001	5791.331	48.69	0.5	0.012378
10	10	1765.121	1.356	0.001	5801.041	48.78	0.5	0.012378
	11	1767.984	1.368	0.001	5810.752	48.86	0.5	0.012378
	12	1770.847	1.370	0.001	5820.464	48.95	0.5	0.012378
	13	1773.710	1.372	0.001	5830.177	49.04	0.5	0.012378
	14	1776.573	1.374	0.001	5839.891	49.12	0.5	0.012378
10	15	1779.435	1.377	0.001	5849.606	49.21	0.5	0.012378
	16	1782.298	1.379	0.001	5859.322	49.30	0.5	0.012378
	17	1785.160	1.381	0.001	5869.039	49.38	0.5	0.012378
	18	1788.022	1.383	0.001	5878.757	49.47	0.5	0.012378
	19	1790.884	1.385	0.001	5888.476	49.56	0.5	0.012378
10	20	1793.746	1.387	0.001	5898.197	49.65	0.5	0.012378
	21	1796.607	1.389	0.001	5907.918	49.73	0.5	0.012378
	22	1799.469	1.391	0.001	5917.640	49.82	0.5	0.012378
	23	1802.330	1.393	0.001	5927.363	49.91	0.5	0.012378
	24	1805.191	1.395	0.001	5937.087	49.99	0.5	0.012378
10	25	1808.052	1.397	0.001	5946.813	50.08	0.5	0.012378
	26	1810.913	1.399	0.001	5956.539	50.17	0.5	0.012378
	27	1813.774	1.401	0.001	5966.266	50.26	0.5	0.012378
	28	1816.635	1.403	0.001	5975.995	50.34	0.5	0.012378
	29	1819.495	1.405	0.001	5985.724	50.43	0.5	0.012378
10	30	1822.355	1.407	0.001	5995.455	50.52	0.5	0.012378
	31	1825.215	1.410	0.001	6005.186	50.61	0.5	0.012378
	32	1828.075	1.412	0.001	6014.919	50.69	0.5	0.012378
	33	1830.935	1.414	0.001	6024.652	50.78	0.5	0.012378
	34	1833.795	1.416	0.001	6034.387	50.87	0.5	0.012378
10	35	1836.654	1.418	0.001	6044.122	50.96	0.5	0.012378
	36	1839.514	1.420	0.001	6053.859	51.04	0.5	0.012378
	37	1842.373	1.422	0.001	6063.597	51.13	0.5	0.012378
	38	1845.232	1.424	0.001	6073.336	51.22	0.5	0.012378
	39	1848.091	1.426	0.001	6083.076	51.31	0.5	0.012378
10	40	1850.949	1.428	0.001	6092.816	51.39	0.5	0.012378
	41	1853.808	1.430	0.001	6102.558	51.48	0.5	0.012378
	42	1856.666	1.432	0.001	6112.301	51.57	0.5	0.012378
	43	1859.524	1.434	0.001	6122.046	51.66	0.5	0.012378
	44	1862.382	1.436	0.001	6131.791	51.75	0.5	0.012378
10	45	1865.240	1.438	0.001	6141.537	51.83	0.5	0.012378
	46	1868.098	1.440	0.001	6151.284	51.92	0.5	0.012378
	47	1870.956	1.442	0.001	6161.033	52.01	0.5	0.012378
	48	1873.813	1.444	0.001	6170.782	52.10	0.5	0.012378
	49	1876.670	1.446	0.001	6180.532	52.19	0.5	0.012378
10	50	1879.528	1.448	0.001	6190.284	52.28	0.5	0.012378
	51	1882.385	1.450	0.001	6200.037	52.36	0.5	0.012378
	52	1885.241	1.452	0.001	6209.790	52.45	0.5	0.012378
	53	1888.098	1.454	0.001	6219.545	52.54	0.5	0.012378
	54	1890.954	1.457	0.001	6229.301	52.63	0.6	0.012378
10	55	1893.811	1.459	0.001	6239.058	52.72	0.6	0.012378
	56	1896.667	1.461	0.001	6248.816	52.81	0.6	0.012378
	57	1899.523	1.463	0.001	6258.575	52.89	0.6	0.012378
	58	1902.379	1.465	0.001	6268.336	52.98	0.6	0.012378
	59	1905.234	1.467	0.001	6278.097	53.07	0.6	0.012377
11	00	1908.090	1.469	0.001	6287.859	53.16	0.6	0.012377

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
11	0	1908.090	1.469	0.001	6287.859	53.16	0.6	0.012377
	1	1910.945	1.471	0.001	6297.623	53.25	0.6	0.012377
	2	1913.801	1.473	0.001	6307.387	53.34	0.6	0.012377
	3	1916.656	1.475	0.001	6317.153	53.43	0.6	0.012377
	4	1919.510	1.477	0.001	6326.920	53.51	0.6	0.012377
11	5	1922.365	1.479	0.001	6336.688	53.60	0.6	0.012377
	6	1925.220	1.481	0.001	6346.457	53.69	0.6	0.012377
	7	1928.074	1.483	0.001	6356.227	53.78	0.6	0.012377
	8	1930.928	1.485	0.001	6365.998	53.87	0.6	0.012377
	9	1933.782	1.487	0.001	6375.770	53.96	0.6	0.012377
11	10	1936.636	1.489	0.001	6385.544	54.05	0.6	0.012377
	11	1939.490	1.491	0.001	6395.318	54.14	0.6	0.012377
	12	1942.344	1.493	0.001	6405.094	54.22	0.6	0.012377
	13	1945.197	1.495	0.001	6414.871	54.31	0.6	0.012377
	14	1948.050	1.497	0.001	6424.649	54.40	0.6	0.012377
11	15	1950.903	1.499	0.001	6434.428	54.49	0.6	0.012377
	16	1953.756	1.501	0.001	6444.208	54.58	0.6	0.012377
	17	1956.609	1.503	0.001	6453.989	54.67	0.6	0.012377
	18	1959.461	1.505	0.001	6463.771	54.76	0.6	0.012377
	19	1962.314	1.507	0.001	6473.555	54.85	0.6	0.012377
11	20	1965.166	1.509	0.001	6483.340	54.94	0.6	0.012377
	21	1968.018	1.511	0.001	6493.125	55.03	0.6	0.012377
	22	1970.870	1.513	0.001	6502.912	55.12	0.6	0.012377
	23	1973.722	1.515	0.001	6512.700	55.21	0.6	0.012377
	24	1976.573	1.517	0.001	6522.490	55.30	0.6	0.012377
11	25	1979.425	1.519	0.001	6532.280	55.39	0.6	0.012377
	26	1982.276	1.521	0.001	6542.071	55.48	0.6	0.012377
	27	1985.127	1.523	0.001	6551.864	55.57	0.6	0.012377
	28	1987.978	1.525	0.001	6561.658	55.65	0.6	0.012377
	29	1990.829	1.527	0.001	6571.452	55.74	0.6	0.012377
11	30	1993.679	1.529	0.001	6581.249	55.83	0.6	0.012377
	31	1996.530	1.531	0.001	6591.046	55.92	0.6	0.012377
	32	1999.380	1.533	0.001	6600.844	56.01	0.6	0.012377
	33	2002.230	1.535	0.001	6610.643	56.10	0.6	0.012377
	34	2005.080	1.537	0.001	6620.444	56.19	0.6	0.012377
11	35	2007.930	1.539	0.001	6630.246	56.28	0.6	0.012377
	36	2010.779	1.541	0.001	6640.049	56.37	0.6	0.012377
	37	2013.629	1.543	0.001	6649.853	56.46	0.6	0.012377
	38	2016.478	1.545	0.001	6659.658	56.55	0.6	0.012377
	39	2019.327	1.547	0.001	6669.465	56.64	0.6	0.012377
11	40	2022.176	1.549	0.001	6679.272	56.73	0.6	0.012377
	41	2025.024	1.551	0.001	6689.081	56.82	0.6	0.012377
	42	2027.873	1.553	0.001	6698.891	56.91	0.6	0.012377
	43	2030.721	1.555	0.001	6708.702	57.00	0.6	0.012377
	44	2033.569	1.557	0.001	6718.514	57.09	0.6	0.012377
11	45	2036.418	1.559	0.001	6728.328	57.19	0.6	0.012377
	46	2039.265	1.561	0.001	6738.142	57.28	0.6	0.012377
	47	2042.113	1.563	0.001	6747.958	57.37	0.6	0.012377
	48	2044.961	1.565	0.001	6757.775	57.46	0.6	0.012377
	49	2047.808	1.567	0.001	6767.593	57.55	0.6	0.012377
11	50	2050.655	1.569	0.001	6777.413	57.64	0.6	0.012377
	51	2053.502	1.571	0.001	6787.233	57.73	0.6	0.012377
	52	2056.349	1.573	0.001	6797.055	57.82	0.6	0.012377
	53	2059.195	1.575	0.001	6806.878	57.91	0.6	0.012376
	54	2062.042	1.577	0.001	6816.702	58.00	0.6	0.012376
11	55	2064.888	1.579	0.001	6826.527	58.09	0.6	0.012376
	56	2067.734	1.581	0.001	6836.354	58.18	0.6	0.012376
	57	2070.580	1.583	0.001	6846.182	58.27	0.6	0.012376
	58	2073.426	1.585	0.001	6856.010	58.36	0.6	0.012376
	59	2076.272	1.587	0.001	6865.841	58.45	0.6	0.012376
12	00	2079.117	1.589	0.001	6875.672	58.55	0.6	0.012376

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
12	0	2079.117	1.589	0.001	6875.672	58.55	0.6	0.012376
	1	2081.962	1.591	0.001	6885.504	58.64	0.6	0.012376
	2	2084.807	1.593	0.001	6895.338	58.73	0.6	0.012376
	3	2087.652	1.595	0.001	6905.173	58.82	0.6	0.012376
	4	2090.497	1.597	0.001	6915.009	58.91	0.6	0.012376
12	5	2093.341	1.599	0.001	6924.847	59.00	0.6	0.012376
	6	2096.186	1.601	0.001	6934.685	59.09	0.6	0.012376
	7	2099.030	1.603	0.001	6944.525	59.18	0.6	0.012376
	8	2101.874	1.605	0.001	6954.366	59.27	0.6	0.012376
	9	2104.718	1.607	0.001	6964.208	59.37	0.6	0.012376
12	10	2107.561	1.609	0.001	6974.051	59.46	0.6	0.012376
	11	2110.405	1.610	0.001	6983.896	59.55	0.6	0.012376
	12	2113.248	1.612	0.001	6993.742	59.64	0.6	0.012376
	13	2116.091	1.614	0.001	7003.589	59.73	0.6	0.012376
	14	2118.934	1.616	0.001	7013.437	59.82	0.6	0.012376
12	15	2121.777	1.618	0.001	7023.287	59.92	0.6	0.012376
	16	2124.619	1.620	0.001	7033.138	60.01	0.6	0.012376
	17	2127.462	1.622	0.001	7042.990	60.10	0.6	0.012376
	18	2130.304	1.624	0.001	7052.843	60.19	0.6	0.012376
	19	2133.146	1.626	0.001	7062.698	60.28	0.6	0.012376
12	20	2135.988	1.628	0.001	7072.553	60.37	0.6	0.012376
	21	2138.829	1.630	0.001	7082.410	60.47	0.6	0.012376
	22	2141.671	1.632	0.001	7092.269	60.56	0.6	0.012376
	23	2144.512	1.634	0.001	7102.128	60.65	0.6	0.012376
	24	2147.353	1.636	0.001	7111.989	60.74	0.6	0.012376
12	25	2150.194	1.638	0.001	7121.851	60.83	0.6	0.012376
	26	2153.035	1.640	0.001	7131.714	60.93	0.6	0.012376
	27	2155.876	1.642	0.001	7141.579	61.02	0.6	0.012376
	28	2158.716	1.644	0.001	7151.444	61.11	0.6	0.012376
	29	2161.556	1.646	0.001	7161.311	61.20	0.7	0.012376
12	30	2164.396	1.648	0.001	7171.180	61.30	0.7	0.012376
	31	2167.236	1.650	0.001	7181.049	61.39	0.7	0.012376
	32	2170.076	1.651	0.001	7190.920	61.48	0.7	0.012376
	33	2172.915	1.653	0.001	7200.792	61.57	0.7	0.012376
	34	2175.754	1.655	0.001	7210.665	61.66	0.7	0.012376
12	35	2178.593	1.657	0.001	7220.540	61.76	0.7	0.012376
	36	2181.432	1.659	0.001	7230.416	61.85	0.7	0.012376
	37	2184.271	1.661	0.001	7240.293	61.94	0.7	0.012376
	38	2187.110	1.663	0.001	7250.171	62.03	0.7	0.012376
	39	2189.948	1.665	0.001	7260.051	62.13	0.7	0.012376
12	40	2192.786	1.667	0.001	7269.932	62.22	0.7	0.012376
	41	2195.624	1.669	0.001	7279.814	62.31	0.7	0.012376
	42	2198.462	1.671	0.001	7289.698	62.41	0.7	0.012376
	43	2201.300	1.673	0.001	7299.583	62.50	0.7	0.012375
	44	2204.137	1.675	0.001	7309.469	62.59	0.7	0.012375
12	45	2206.974	1.677	0.001	7319.356	62.68	0.7	0.012375
	46	2209.811	1.679	0.001	7329.245	62.78	0.7	0.012375
	47	2212.648	1.681	0.001	7339.135	62.87	0.7	0.012375
	48	2215.485	1.682	0.001	7349.026	62.96	0.7	0.012375
	49	2218.321	1.684	0.001	7358.919	63.06	0.7	0.012375
12	50	2221.158	1.686	0.001	7368.812	63.15	0.7	0.012375
	51	2223.994	1.688	0.001	7378.708	63.24	0.7	0.012375
	52	2226.830	1.690	0.001	7388.604	63.34	0.7	0.012375
	53	2229.666	1.692	0.001	7398.502	63.43	0.7	0.012375
	54	2232.501	1.694	0.001	7408.401	63.52	0.7	0.012375
12	55	2235.337	1.696	0.001	7418.301	63.62	0.7	0.012375
	56	2238.172	1.698	0.001	7428.203	63.71	0.7	0.012375
	57	2241.007	1.700	0.001	7438.106	63.80	0.7	0.012375
	58	2243.842	1.702	0.001	7448.010	63.90	0.7	0.012375
	59	2246.676	1.704	0.001	7457.916	63.99	0.7	0.012375
13	00	2249.511	1.706	0.001	7467.823	64.08	0.7	0.012375

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
13	0	2249.511	1.706	0.001	7467.823	64.08	0.7	0.012375
	1	2252.345	1.707	0.001	7477.731	64.18	0.7	0.012375
	2	2255.179	1.709	0.001	7487.641	64.27	0.7	0.012375
	3	2258.013	1.711	0.001	7497.552	64.37	0.7	0.012375
	4	2260.846	1.713	0.001	7507.464	64.46	0.7	0.012375
13	5	2263.680	1.715	0.001	7517.377	64.55	0.7	0.012375
	6	2266.513	1.717	0.001	7527.292	64.65	0.7	0.012375
	7	2269.346	1.719	0.001	7537.208	64.74	0.7	0.012375
	8	2272.179	1.721	0.001	7547.126	64.84	0.7	0.012375
	9	2275.012	1.723	0.001	7557.045	64.93	0.7	0.012375
13	10	2277.844	1.725	0.001	7566.965	65.02	0.7	0.012375
	11	2280.677	1.727	0.001	7576.887	65.12	0.7	0.012375
	12	2283.509	1.728	0.001	7586.809	65.21	0.7	0.012375
	13	2286.341	1.730	0.001	7596.734	65.31	0.7	0.012375
	14	2289.172	1.732	0.001	7606.659	65.40	0.7	0.012375
13	15	2292.004	1.734	0.001	7616.586	65.50	0.7	0.012375
	16	2294.835	1.736	0.001	7626.514	65.59	0.7	0.012375
	17	2297.666	1.738	0.001	7636.444	65.68	0.7	0.012375
	18	2300.497	1.740	0.001	7646.375	65.78	0.7	0.012375
	19	2303.328	1.742	0.001	7656.307	65.87	0.7	0.012375
13	20	2306.159	1.744	0.001	7666.241	65.97	0.7	0.012375
	21	2308.989	1.746	0.001	7676.176	66.06	0.7	0.012375
	22	2311.819	1.747	0.001	7686.113	66.16	0.7	0.012375
	23	2314.649	1.749	0.001	7696.050	66.25	0.7	0.012375
	24	2317.479	1.751	0.001	7705.989	66.35	0.7	0.012375
13	25	2320.309	1.753	0.001	7715.930	66.44	0.7	0.012375
	26	2323.138	1.755	0.001	7725.872	66.54	0.7	0.012375
	27	2325.967	1.757	0.001	7735.815	66.63	0.7	0.012375
	28	2328.796	1.759	0.001	7745.760	66.73	0.7	0.012375
	29	2331.625	1.761	0.001	7755.706	66.82	0.7	0.012375
13	30	2334.454	1.763	0.001	7765.653	66.92	0.7	0.012374
	31	2337.282	1.764	0.001	7775.602	67.01	0.7	0.012374
	32	2340.110	1.766	0.001	7785.552	67.11	0.7	0.012374
	33	2342.938	1.768	0.001	7795.503	67.20	0.7	0.012374
	34	2345.766	1.770	0.001	7805.456	67.30	0.7	0.012374
13	35	2348.594	1.772	0.001	7815.410	67.39	0.7	0.012374
	36	2351.421	1.774	0.002	7825.366	67.49	0.7	0.012374
	37	2354.248	1.776	0.002	7835.323	67.58	0.7	0.012374
	38	2357.075	1.778	0.002	7845.281	67.68	0.7	0.012374
	39	2359.902	1.779	0.002	7855.241	67.77	0.7	0.012374
13	40	2362.729	1.781	0.002	7865.203	67.87	0.7	0.012374
	41	2365.555	1.783	0.002	7875.165	67.97	0.7	0.012374
	42	2368.381	1.785	0.002	7885.129	68.06	0.7	0.012374
	43	2371.207	1.787	0.002	7895.095	68.16	0.7	0.012374
	44	2374.033	1.789	0.002	7905.061	68.25	0.7	0.012374
13	45	2376.859	1.791	0.002	7915.030	68.35	0.7	0.012374
	46	2379.684	1.793	0.002	7924.999	68.44	0.7	0.012374
	47	2382.510	1.794	0.002	7934.970	68.54	0.7	0.012374
	48	2385.335	1.796	0.002	7944.943	68.64	0.7	0.012374
	49	2388.159	1.798	0.002	7954.916	68.73	0.7	0.012374
13	50	2390.984	1.800	0.002	7964.892	68.83	0.7	0.012374
	51	2393.808	1.802	0.002	7974.868	68.93	0.7	0.012374
	52	2396.633	1.804	0.002	7984.847	69.02	0.7	0.012374
	53	2399.457	1.806	0.002	7994.826	69.12	0.7	0.012374
	54	2402.280	1.807	0.002	8004.807	69.21	0.7	0.012374
13	55	2405.104	1.809	0.002	8014.789	69.31	0.7	0.012374
	56	2407.927	1.811	0.002	8024.773	69.41	0.8	0.012374
	57	2410.751	1.813	0.002	8034.758	69.50	0.8	0.012374
	58	2413.574	1.815	0.002	8044.745	69.60	0.8	0.012374
	59	2416.396	1.817	0.002	8054.733	69.70	0.8	0.012374
14	00	2419.219	1.819	0.002	8064.723	69.79	0.8	0.012374

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
14	0	2419.219	1.819	0.002	8064.723	69.79	0.8	0.012374
	1	2422.041	1.820	0.002	8074.714	69.89	0.8	0.012374
	2	2424.863	1.822	0.002	8084.706	69.99	0.8	0.012374
	3	2427.685	1.824	0.002	8094.700	70.08	0.8	0.012374
	4	2430.507	1.826	0.002	8104.695	70.18	0.8	0.012374
14	5	2433.329	1.828	0.002	8114.692	70.28	0.8	0.012374
	6	2436.150	1.830	0.002	8124.690	70.37	0.8	0.012374
	7	2438.971	1.832	0.002	8134.690	70.47	0.8	0.012374
	8	2441.792	1.833	0.002	8144.691	70.57	0.8	0.012374
	9	2444.613	1.835	0.002	8154.693	70.66	0.8	0.012374
14	10	2447.433	1.837	0.002	8164.697	70.76	0.8	0.012374
	11	2450.254	1.839	0.002	8174.703	70.86	0.8	0.012374
	12	2453.074	1.841	0.002	8184.710	70.96	0.8	0.012374
	13	2455.894	1.843	0.002	8194.718	71.05	0.8	0.012374
	14	2458.713	1.844	0.002	8204.728	71.15	0.8	0.012373
14	15	2461.533	1.846	0.002	8214.739	71.25	0.8	0.012373
	16	2464.352	1.848	0.002	8224.752	71.35	0.8	0.012373
	17	2467.171	1.850	0.002	8234.766	71.44	0.8	0.012373
	18	2469.990	1.852	0.002	8244.782	71.54	0.8	0.012373
	19	2472.809	1.854	0.002	8254.799	71.64	0.8	0.012373
14	20	2475.627	1.855	0.002	8264.817	71.74	0.8	0.012373
	21	2478.445	1.857	0.002	8274.838	71.83	0.8	0.012373
	22	2481.263	1.859	0.002	8284.859	71.93	0.8	0.012373
	23	2484.081	1.861	0.002	8294.882	72.03	0.8	0.012373
	24	2486.899	1.863	0.002	8304.907	72.13	0.8	0.012373
14	25	2489.716	1.865	0.002	8314.933	72.23	0.8	0.012373
	26	2492.533	1.866	0.002	8324.960	72.32	0.8	0.012373
	27	2495.350	1.868	0.002	8334.989	72.42	0.8	0.012373
	28	2498.167	1.870	0.002	8345.020	72.52	0.8	0.012373
	29	2500.984	1.872	0.002	8355.052	72.62	0.8	0.012373
14	30	2503.800	1.874	0.002	8365.085	72.72	0.8	0.012373
	31	2506.616	1.876	0.002	8375.120	72.81	0.8	0.012373
	32	2509.432	1.877	0.002	8385.157	72.91	0.8	0.012373
	33	2512.248	1.879	0.002	8395.195	73.01	0.8	0.012373
	34	2515.063	1.881	0.002	8405.234	73.11	0.8	0.012373
14	35	2517.879	1.883	0.002	8415.275	73.21	0.8	0.012373
	36	2520.694	1.885	0.002	8425.318	73.31	0.8	0.012373
	37	2523.508	1.886	0.002	8435.362	73.40	0.8	0.012373
	38	2526.323	1.888	0.002	8445.407	73.50	0.8	0.012373
	39	2529.137	1.890	0.002	8455.454	73.60	0.8	0.012373
14	40	2531.952	1.892	0.002	8465.503	73.70	0.8	0.012373
	41	2534.766	1.894	0.002	8475.553	73.80	0.8	0.012373
	42	2537.579	1.895	0.002	8485.605	73.90	0.8	0.012373
	43	2540.393	1.897	0.002	8495.658	74.00	0.8	0.012373
	44	2543.206	1.899	0.002	8505.712	74.10	0.8	0.012373
14	45	2546.019	1.901	0.002	8515.768	74.20	0.8	0.012373
	46	2548.832	1.903	0.002	8525.826	74.29	0.8	0.012373
	47	2551.645	1.904	0.002	8535.885	74.39	0.8	0.012373
	48	2554.458	1.906	0.002	8545.946	74.49	0.8	0.012373
	49	2557.270	1.908	0.002	8556.008	74.59	0.8	0.012373
14	50	2560.082	1.910	0.002	8566.072	74.69	0.8	0.012373
	51	2562.894	1.912	0.002	8576.137	74.79	0.8	0.012373
	52	2565.705	1.913	0.002	8586.204	74.89	0.8	0.012373
	53	2568.517	1.915	0.002	8596.273	74.99	0.8	0.012373
	54	2571.328	1.917	0.002	8606.343	75.09	0.8	0.012373
14	55	2574.139	1.919	0.002	8616.414	75.19	0.8	0.012373
	56	2576.950	1.921	0.002	8626.487	75.29	0.8	0.012373
	57	2579.760	1.922	0.002	8636.562	75.39	0.8	0.012372
	58	2582.570	1.924	0.002	8646.638	75.49	0.8	0.012372
	59	2585.381	1.926	0.002	8656.716	75.59	0.8	0.012372
15	00	2588.190	1.928	0.002	8666.795	75.69	0.8	0.012372

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
15	0	2588.190	1.928	0.002	8666.795	75.69	0.8	0.012372
	1	2591.000	1.930	0.002	8676.876	75.79	0.8	0.012372
	2	2593.810	1.931	0.002	8686.958	75.89	0.8	0.012372
	3	2596.619	1.933	0.002	8697.042	75.99	0.8	0.012372
	4	2599.428	1.935	0.002	8707.128	76.09	0.8	0.012372
15	5	2602.237	1.937	0.002	8717.215	76.19	0.8	0.012372
	6	2605.045	1.939	0.002	8727.303	76.29	0.8	0.012372
	7	2607.853	1.940	0.002	8737.394	76.39	0.8	0.012372
	8	2610.662	1.942	0.002	8747.486	76.49	0.8	0.012372
	9	2613.469	1.944	0.002	8757.579	76.59	0.8	0.012372
15	10	2616.277	1.946	0.002	8767.674	76.69	0.8	0.012372
	11	2619.085	1.947	0.002	8777.770	76.79	0.8	0.012372
	12	2621.892	1.949	0.002	8787.868	76.89	0.8	0.012372
	13	2624.699	1.951	0.002	8797.968	76.99	0.8	0.012372
	14	2627.506	1.953	0.002	8808.069	77.09	0.8	0.012372
15	15	2630.312	1.954	0.002	8818.172	77.19	0.8	0.012372
	16	2633.118	1.956	0.002	8828.277	77.29	0.9	0.012372
	17	2635.925	1.958	0.002	8838.383	77.39	0.9	0.012372
	18	2638.730	1.960	0.002	8848.490	77.49	0.9	0.012372
	19	2641.536	1.962	0.002	8858.600	77.60	0.9	0.012372
15	20	2644.342	1.963	0.002	8868.710	77.70	0.9	0.012372
	21	2647.147	1.965	0.002	8878.823	77.80	0.9	0.012372
	22	2649.952	1.957	0.002	8888.937	77.90	0.9	0.012372
	23	2652.757	1.969	0.002	8899.053	78.00	0.9	0.012372
	24	2655.561	1.970	0.002	8909.170	78.10	0.9	0.012372
15	25	2658.366	1.972	0.002	8919.289	78.20	0.9	0.012372
	26	2661.170	1.974	0.002	8929.409	78.30	0.9	0.012372
	27	2663.973	1.976	0.002	8939.531	78.41	0.9	0.012372
	28	2666.777	1.977	0.002	8949.655	78.51	0.9	0.012372
	29	2669.581	1.979	0.002	8959.780	78.61	0.9	0.012372
15	30	2672.384	1.981	0.002	8969.907	78.71	0.9	0.012372
	31	2675.187	1.983	0.002	8980.036	78.81	0.9	0.012372
	32	2677.989	1.984	0.002	8990.166	78.91	0.9	0.012372
	33	2680.792	1.986	0.002	9000.297	79.02	0.9	0.012372
	34	2683.594	1.988	0.002	9010.431	79.12	0.9	0.012372
15	35	2686.396	1.990	0.002	9020.566	79.22	0.9	0.012372
	36	2689.198	1.991	0.002	9030.703	79.32	0.9	0.012372
	37	2692.000	1.993	0.002	9040.841	79.42	0.9	0.012372
	38	2694.801	1.995	0.002	9050.981	79.53	0.9	0.012371
	39	2697.602	1.997	0.002	9061.122	79.63	0.9	0.012371
15	40	2700.403	1.998	0.002	9071.266	79.73	0.9	0.012371
	41	2703.204	2.000	0.002	9081.410	79.83	0.9	0.012371
	42	2706.004	2.002	0.002	9091.557	79.93	0.9	0.012371
	43	2708.805	2.004	0.002	9101.705	80.04	0.9	0.012371
	44	2711.605	2.005	0.002	9111.855	80.14	0.9	0.012371
15	45	2714.404	2.007	0.002	9122.006	80.24	0.9	0.012371
	46	2717.204	2.009	0.002	9132.159	80.34	0.9	0.012371
	47	2720.003	2.011	0.002	9142.314	80.45	0.9	0.012371
	48	2722.802	2.012	0.002	9152.471	80.55	0.9	0.012371
	49	2725.601	2.014	0.002	9162.629	80.65	0.9	0.012371
15	50	2728.400	2.016	0.002	9172.788	80.76	0.9	0.012371
	51	2731.198	2.017	0.002	9182.950	80.86	0.9	0.012371
	52	2733.997	2.019	0.002	9193.113	80.96	0.9	0.012371
	53	2736.794	2.021	0.002	9203.277	81.06	0.9	0.012371
	54	2739.592	2.023	0.002	9213.444	81.17	0.9	0.012371
15	55	2742.390	2.024	0.002	9223.612	81.27	0.9	0.012371
	56	2745.187	2.026	0.002	9233.782	81.37	0.9	0.012371
	57	2747.984	2.028	0.002	9243.953	81.48	0.9	0.012371
	58	2750.781	2.029	0.002	9254.126	81.58	0.9	0.012371
	59	2753.577	2.031	0.002	9264.301	81.68	0.9	0.012371
16	00	2756.374	2.033	0.002	9274.477	81.79	0.9	0.012371

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
16	0	2756.374	2.033	0.002	9274.477	81.79	0.9	0.012371
	1	2759.170	2.035	0.002	9284.655	81.89	0.9	0.012371
	2	2761.965	2.036	0.002	9294.835	81.99	0.9	0.012371
	3	2764.761	2.038	0.002	9305.017	82.10	0.9	0.012371
	4	2767.556	2.040	0.002	9315.200	82.20	0.9	0.012371
16	5	2770.352	2.041	0.002	9325.385	82.30	0.9	0.012371
	6	2773.147	2.043	0.002	9335.571	82.41	0.9	0.012371
	7	2775.941	2.045	0.002	9345.760	82.51	0.9	0.012371
	8	2778.736	2.047	0.002	9355.950	82.62	0.9	0.012371
	9	2781.530	2.048	0.002	9366.141	82.72	0.9	0.012371
16	10	2784.324	2.050	0.002	9376.335	82.82	0.9	0.012371
	11	2787.118	2.052	0.002	9386.530	82.93	0.9	0.012371
	12	2789.911	2.053	0.002	9396.726	83.03	0.9	0.012371
	13	2792.704	2.055	0.002	9406.925	83.14	0.9	0.012371
	14	2795.497	2.057	0.002	9417.125	83.24	0.9	0.012371
16	15	2798.290	2.059	0.002	9427.327	83.35	0.9	0.012371
	16	2801.083	2.060	0.002	9437.531	83.45	0.9	0.012371
	17	2803.875	2.062	0.002	9447.736	83.55	0.9	0.012370
	18	2806.667	2.064	0.002	9457.943	83.66	0.9	0.012370
	19	2809.459	2.065	0.002	9468.152	83.76	0.9	0.012370
16	20	2812.251	2.067	0.002	9478.362	83.87	0.9	0.012370
	21	2815.042	2.069	0.002	9488.575	83.97	0.9	0.012370
	22	2817.833	2.070	0.002	9498.789	84.08	0.9	0.012370
	23	2820.624	2.072	0.002	9509.004	84.18	0.9	0.012370
	24	2823.415	2.074	0.002	9519.222	84.29	0.9	0.012370
16	25	2826.205	2.075	0.002	9529.441	84.39	0.9	0.012370
	26	2828.995	2.077	0.002	9539.662	84.50	0.9	0.012370
	27	2831.785	2.079	0.002	9549.884	84.60	0.9	0.012370
	28	2834.575	2.081	0.002	9560.109	84.71	0.9	0.012370
	29	2837.364	2.082	0.002	9570.335	84.81	0.9	0.012370
16	30	2840.153	2.084	0.002	9580.563	84.92	1.0	0.012370
	31	2842.942	2.086	0.002	9590.792	85.02	1.0	0.012370
	32	2845.731	2.087	0.002	9601.024	85.13	1.0	0.012370
	33	2848.520	2.089	0.002	9611.257	85.24	1.0	0.012370
	34	2851.308	2.091	0.002	9621.492	85.34	1.0	0.012370
16	35	2854.096	2.092	0.002	9631.728	85.45	1.0	0.012370
	36	2856.884	2.094	0.002	9641.967	85.55	1.0	0.012370
	37	2859.671	2.096	0.002	9652.207	85.66	1.0	0.012370
	38	2862.458	2.097	0.002	9662.449	85.76	1.0	0.012370
	39	2865.246	2.099	0.002	9672.693	85.87	1.0	0.012370
16	40	2868.032	2.101	0.002	9682.938	85.98	1.0	0.012370
	41	2870.819	2.102	0.002	9693.185	86.08	1.0	0.012370
	42	2873.605	2.104	0.002	9703.434	86.19	1.0	0.012370
	43	2876.391	2.106	0.002	9713.685	86.29	1.0	0.012370
	44	2879.177	2.107	0.002	9723.938	86.40	1.0	0.012370
16	45	2881.963	2.109	0.002	9734.192	86.51	1.0	0.012370
	46	2884.748	2.111	0.002	9744.448	86.61	1.0	0.012370
	47	2887.533	2.112	0.002	9754.706	86.72	1.0	0.012370
	48	2890.318	2.114	0.002	9764.966	86.83	1.0	0.012370
	49	2893.103	2.116	0.002	9775.227	86.93	1.0	0.012370
16	50	2895.887	2.117	0.002	9785.490	87.04	1.0	0.012370
	51	2898.671	2.119	0.002	9795.755	87.15	1.0	0.012370
	52	2901.455	2.121	0.002	9806.022	87.25	1.0	0.012370
	53	2904.239	2.122	0.002	9816.291	87.36	1.0	0.012370
	54	2907.022	2.124	0.002	9826.561	87.47	1.0	0.012370
16	55	2909.805	2.126	0.002	9836.834	87.57	1.0	0.012369
	56	2912.588	2.127	0.002	9847.108	87.68	1.0	0.012369
	57	2915.371	2.129	0.002	9857.383	87.79	1.0	0.012369
	58	2918.153	2.130	0.002	9867.661	87.90	1.0	0.012369
	59	2920.935	2.132	0.002	9877.941	88.00	1.0	0.012369
17	00	2923.717	2.134	0.002	9888.222	88.11	1.0	0.012369

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
17	0	2923.717	2.134	0.002	9888.222	88.11	1.0	0.012369
	1	2926.499	2.135	0.002	9898.505	88.22	1.0	0.012369
	2	2929.280	2.137	0.002	9908.790	88.33	1.0	0.012369
	3	2932.061	2.139	0.002	9919.077	88.43	1.0	0.012369
	4	2934.842	2.140	0.002	9929.365	88.54	1.0	0.012369
17	5	2937.623	2.142	0.002	9939.655	88.65	1.0	0.012369
	6	2940.403	2.144	0.002	9949.948	88.76	1.0	0.012369
	7	2943.183	2.145	0.002	9960.242	88.86	1.0	0.012369
	8	2945.963	2.147	0.002	9970.538	88.97	1.0	0.012369
	9	2948.743	2.149	0.002	9980.835	89.08	1.0	0.012369
17	10	2951.522	2.150	0.002	9991.135	89.19	1.0	0.012369
	11	2954.302	2.152	0.002	10001.436	89.30	1.0	0.012369
	12	2957.081	2.153	0.002	10011.739	89.40	1.0	0.012369
	13	2959.859	2.155	0.002	10022.044	89.51	1.0	0.012369
	14	2962.638	2.157	0.002	10032.351	89.62	1.0	0.012369
17	15	2965.416	2.158	0.002	10042.660	89.73	1.0	0.012369
	16	2968.194	2.160	0.002	10052.970	89.84	1.0	0.012369
	17	2970.971	2.162	0.002	10063.283	89.95	1.0	0.012369
	18	2973.749	2.163	0.002	10073.597	90.05	1.0	0.012369
	19	2976.526	2.165	0.002	10083.913	90.16	1.0	0.012369
17	20	2979.303	2.166	0.002	10094.231	90.27	1.0	0.012369
	21	2982.079	2.168	0.002	10104.551	90.38	1.0	0.012369
	22	2984.856	2.170	0.002	10114.873	90.49	1.0	0.012369
	23	2987.632	2.171	0.002	10125.196	90.60	1.0	0.012369
	24	2990.408	2.173	0.002	10135.522	90.71	1.0	0.012369
17	25	2993.184	2.174	0.002	10145.849	90.82	1.0	0.012369
	26	2995.959	2.176	0.002	10156.178	90.93	1.0	0.012369
	27	2998.734	2.178	0.002	10166.509	91.03	1.0	0.012369
	28	3001.509	2.179	0.002	10176.842	91.14	1.0	0.012369
	29	3004.284	2.181	0.002	10187.177	91.25	1.0	0.012369
17	30	3007.058	2.183	0.002	10197.514	91.36	1.0	0.012369
	31	3009.832	2.184	0.002	10207.852	91.47	1.0	0.012368
	32	3012.606	2.186	0.002	10218.192	91.58	1.0	0.012368
	33	3015.380	2.187	0.002	10228.535	91.69	1.0	0.012368
	34	3018.153	2.189	0.002	10238.879	91.80	1.0	0.012368
17	35	3020.926	2.191	0.002	10249.225	91.91	1.0	0.012368
	36	3023.699	2.192	0.002	10259.573	92.02	1.0	0.012368
	37	3026.471	2.194	0.002	10269.923	92.13	1.0	0.012368
	38	3029.244	2.195	0.002	10280.275	92.24	1.1	0.012368
	39	3032.016	2.197	0.002	10290.628	92.35	1.1	0.012368
17	40	3034.788	2.199	0.002	10300.984	92.46	1.1	0.012368
	41	3037.559	2.200	0.002	10311.341	92.57	1.1	0.012368
	42	3040.331	2.202	0.002	10321.701	92.68	1.1	0.012368
	43	3043.102	2.203	0.002	10332.062	92.79	1.1	0.012368
	44	3045.872	2.205	0.002	10342.425	92.90	1.1	0.012368
17	45	3048.643	2.206	0.002	10352.790	93.01	1.1	0.012368
	46	3051.413	2.208	0.002	10363.157	93.12	1.1	0.012368
	47	3054.183	2.210	0.002	10373.526	93.23	1.1	0.012368
	48	3056.953	2.211	0.002	10383.897	93.34	1.1	0.012368
	49	3059.723	2.213	0.002	10394.270	93.46	1.1	0.012368
17	50	3062.492	2.214	0.002	10404.645	93.57	1.1	0.012368
	51	3065.261	2.216	0.002	10415.021	93.68	1.1	0.012368
	52	3068.030	2.218	0.002	10425.400	93.79	1.1	0.012368
	53	3070.798	2.219	0.002	10435.780	93.90	1.1	0.012368
	54	3073.566	2.221	0.002	10446.163	94.01	1.1	0.012368
17	55	3076.334	2.222	0.002	10456.547	94.12	1.1	0.012368
	56	3079.102	2.224	0.002	10466.934	94.23	1.1	0.012368
	57	3081.869	2.225	0.002	10477.322	94.34	1.1	0.012368
	58	3084.636	2.227	0.002	10487.712	94.46	1.1	0.012368
	59	3087.403	2.229	0.002	10498.104	94.57	1.1	0.012368
18	00	3090.170	2.230	0.002	10508.498	94.68	1.1	0.012368

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
18	0	3090.170	2.230	0.002	10508.498	94.68	1.1	0.012368
	1	3092.936	2.232	0.002	10518.894	94.79	1.1	0.012368
	2	3095.702	2.233	0.002	10529.292	94.90	1.1	0.012368
	3	3098.468	2.235	0.002	10539.692	95.01	1.1	0.012368
	4	3101.234	2.236	0.002	10550.094	95.13	1.1	0.012368
18	5	3103.999	2.238	0.002	10560.498	95.24	1.1	0.012368
	6	3106.764	2.239	0.002	10570.904	95.35	1.1	0.012368
	7	3109.529	2.241	0.002	10581.311	95.46	1.1	0.012367
	8	3112.294	2.243	0.002	10591.721	95.57	1.1	0.012367
	9	3115.058	2.244	0.002	10602.133	95.69	1.1	0.012367
18	10	3117.822	2.246	0.002	10612.547	95.80	1.1	0.012367
	11	3120.586	2.247	0.002	10622.962	95.91	1.1	0.012367
	12	3123.349	2.249	0.002	10633.380	96.02	1.1	0.012367
	13	3126.112	2.250	0.002	10643.799	96.14	1.1	0.012367
	14	3128.875	2.252	0.002	10654.221	96.25	1.1	0.012367
18	15	3131.638	2.253	0.002	10664.645	96.36	1.1	0.012367
	16	3134.400	2.255	0.002	10675.070	96.48	1.1	0.012367
	17	3137.163	2.257	0.002	10685.498	96.59	1.1	0.012367
	18	3139.925	2.258	0.002	10695.927	96.70	1.1	0.012367
	19	3142.686	2.250	0.002	10706.359	96.81	1.1	0.012367
18	20	3145.448	2.261	0.002	10716.792	96.93	1.1	0.012367
	21	3148.209	2.263	0.002	10727.228	97.04	1.1	0.012367
	22	3150.969	2.264	0.002	10737.665	97.15	1.1	0.012367
	23	3153.730	2.266	0.002	10748.105	97.27	1.1	0.012367
	24	3156.490	2.267	0.002	10758.546	97.38	1.1	0.012367
18	25	3159.250	2.269	0.002	10768.990	97.49	1.1	0.012367
	26	3162.010	2.270	0.002	10779.435	97.61	1.1	0.012367
	27	3164.770	2.272	0.002	10789.883	97.72	1.1	0.012367
	28	3167.529	2.273	0.002	10800.332	97.83	1.1	0.012367
	29	3170.288	2.275	0.002	10810.784	97.95	1.1	0.012367
18	30	3173.047	2.277	0.002	10821.237	98.06	1.1	0.012367
	31	3175.805	2.278	0.002	10831.693	98.18	1.1	0.012367
	32	3178.563	2.280	0.002	10842.151	98.29	1.1	0.012367
	33	3181.321	2.281	0.002	10852.610	98.40	1.1	0.012367
	34	3184.079	2.283	0.002	10863.072	98.52	1.1	0.012367
18	35	3186.836	2.284	0.002	10873.536	98.63	1.1	0.012367
	36	3189.593	2.286	0.002	10884.001	98.75	1.1	0.012367
	37	3192.350	2.287	0.002	10894.469	98.86	1.1	0.012367
	38	3195.106	2.289	0.002	10904.939	98.98	1.1	0.012367
	39	3197.863	2.290	0.002	10915.411	99.09	1.1	0.012367
18	40	3200.619	2.292	0.002	10925.885	99.21	1.1	0.012367
	41	3203.374	2.293	0.002	10936.360	99.32	1.2	0.012367
	42	3206.130	2.295	0.002	10946.838	99.44	1.2	0.012366
	43	3208.885	2.296	0.002	10957.318	99.55	1.2	0.012366
	44	3211.640	2.298	0.002	10967.800	99.67	1.2	0.012366
18	45	3214.395	2.299	0.002	10978.285	99.78	1.2	0.012366
	46	3217.149	2.301	0.002	10988.771	99.90	1.2	0.012366
	47	3219.903	2.302	0.002	10999.259	100.01	1.2	0.012366
	48	3222.657	2.304	0.002	11009.749	100.13	1.2	0.012366
	49	3225.411	2.305	0.002	11020.242	100.24	1.2	0.012366
18	50	3228.164	2.307	0.002	11030.736	100.36	1.2	0.012366
	51	3230.917	2.308	0.002	11041.232	100.47	1.2	0.012366
	52	3233.670	2.310	0.002	11051.731	100.59	1.2	0.012366
	53	3236.422	2.311	0.002	11062.232	100.70	1.2	0.012366
	54	3239.174	2.313	0.002	11072.734	100.82	1.2	0.012366
18	55	3241.926	2.314	0.002	11083.239	100.94	1.2	0.012366
	56	3244.678	2.316	0.002	11093.746	101.05	1.2	0.012366
	57	3247.429	2.317	0.002	11104.255	101.17	1.2	0.012366
	58	3250.180	2.319	0.002	11114.766	101.28	1.2	0.012366
	59	3252.931	2.320	0.002	11125.279	101.40	1.2	0.012366
19	00	3255.682	2.322	0.002	11135.794	101.52	1.2	0.012366

TABELAS PARA CALCULOS NO SISTEMA DE PROJECKO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
19	0	3255.682	2.322	0.002	11135.794	101.52	1.2	0.012366
	1	3258.432	2.323	0.002	11146.311	101.63	1.2	0.012366
	2	3261.182	2.325	0.002	11156.831	101.75	1.2	0.012366
	3	3263.932	2.326	0.002	11167.352	101.87	1.2	0.012366
	4	3266.681	2.328	0.002	11177.876	101.98	1.2	0.012366
19	5	3269,430	2.329	0.002	11188.401	102.10	1.2	0.012366
	6	3272.179	2.331	0.002	11198.929	102.22	1.2	0.012366
	7	3274.928	2.332	0.002	11209.459	102.33	1.2	0.012366
	8	3277.676	2.334	0.002	11219.991	102.45	1.2	0.012366
	9	3280.424	2.335	0.002	11230.525	102.57	1.2	0.012366
19	10	3283.172	2.337	0.002	11241.061	102.68	1.2	0.012366
	11	3285.919	2.338	0.002	11251.599	102.80	1.2	0.012366
	12	3288.666	2.340	0.002	11262.140	102.92	1.2	0.012366
	13	3291.413	2.341	0.002	11272.682	103.03	1.2	0.012366
	14	3294.160	2.342	0.002	11283.227	103.15	1.2	0.012366
19	15	3296.906	2.344	0.002	11293.774	103.27	1.2	0.012365
	16	3299.653	2.345	0.002	11304.323	103.39	1.2	0.012365
	17	3302.398	2.347	0.002	11314.874	103.50	1.2	0.012365
	18	3305.144	2.348	0.002	11325.427	103.62	1.2	0.012365
	19	3307.889	2.350	0.002	11335.982	103.74	1.2	0.012365
19	20	3310.634	2.351	0.002	11346.540	103.86	1.2	0.012365
	21	3313.379	2.353	0.002	11357.099	103.98	1.2	0.012365
	22	3316.123	2.354	0.002	11367.661	104.09	1.2	0.012365
	23	3318.867	2.356	0.002	11378.225	104.21	1.2	0.012365
	24	3321.611	2.357	0.002	11388.791	104.33	1.2	0.012365
19	25	3324.355	2.359	0.002	11399.359	104.45	1.2	0.012365
	26	3327.098	2.360	0.002	11409.929	104.57	1.2	0.012365
	27	3329.841	2.361	0.002	11420.502	104.69	1.2	0.012365
	28	3332.584	2.363	0.002	11431.076	104.80	1.2	0.012365
	29	3335.326	2.364	0.002	11441.653	104.92	1.2	0.012365
19	30	3338.069	2.366	0.002	11452.232	105.04	1.2	0.012365
	31	3340.810	2.367	0.002	11462.813	105.16	1.2	0.012365
	32	3343.552	2.369	0.002	11473.396	105.28	1.2	0.012365
	33	3346.293	2.370	0.002	11483.982	105.40	1.2	0.012365
	34	3349.034	2.372	0.002	11494.569	105.52	1.2	0.012365
19	35	3351.775	2.373	0.002	11505.159	105.64	1.2	0.012365
	36	3354.516	2.374	0.002	11515.751	105.76	1.2	0.012365
	37	3357.256	2.376	0.002	11526.345	105.88	1.2	0.012365
	38	3359.996	2.377	0.002	11536.942	106.00	1.2	0.012365
	39	3362.735	2.379	0.002	11547.540	106.11	1.2	0.012365
19	40	3365.475	2.380	0.002	11558.141	106.23	1.3	0.012365
	41	3368.214	2.382	0.002	11568.744	106.35	1.3	0.012365
	42	3370.953	2.383	0.002	11579.349	106.47	1.3	0.012365
	43	3373.691	2.385	0.002	11589.956	106.59	1.3	0.012365
	44	3376.429	2.386	0.002	11600.565	106.71	1.3	0.012365
19	45	3379.167	2.387	0.002	11611.177	106.83	1.3	0.012365
	46	3381.905	2.389	0.002	11621.791	106.95	1.3	0.012365
	47	3384.642	2.390	0.002	11632.407	107.07	1.3	0.012365
	48	3387.379	2.392	0.002	11643.025	107.19	1.3	0.012364
	49	3390.116	2.393	0.002	11653.646	107.31	1.3	0.012364
19	50	3392.852	2.394	0.002	11664.268	107.43	1.3	0.012364
	51	3395.589	2.396	0.002	11674.893	107.56	1.3	0.012364
	52	3398.325	2.397	0.002	11685.520	107.68	1.3	0.012364
	53	3401.060	2.399	0.002	11696.150	107.80	1.3	0.012364
	54	3403.796	2.400	0.002	11706.781	107.92	1.3	0.012364
19	55	3406.531	2.402	0.002	11717.415	108.04	1.3	0.012364
	56	3409.265	2.403	0.002	11728.051	108.16	1.3	0.012364
	57	3412.000	2.404	0.002	11738.689	108.28	1.3	0.012364
	58	3414.734	2.406	0.002	11749.329	108.40	1.3	0.012364
	59	3417.468	2.407	0.002	11759.972	108.52	1.3	0.012364
20	00	3420.201	2.409	0.002	11770.617	108.64	1.3	0.012364

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) KO=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=KO(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
20	0	3420.201	2.409	0.002	11770.617	108.64	1.3	0.012364
	1	3422.935	2.410	0.002	11781.264	108.77	1.3	0.012364
	2	3425.668	2.411	0.002	11791.913	108.89	1.3	0.012364
	3	3428.400	2.413	0.002	11802.565	109.01	1.3	0.012364
	4	3431.133	2.414	0.002	11813.219	109.13	1.3	0.012364
20	5	3433.865	2.416	0.002	11823.875	109.25	1.3	0.012364
	6	3436.597	2.417	0.002	11834.533	109.37	1.3	0.012364
	7	3439.329	2.418	0.002	11845.194	109.50	1.3	0.012364
	8	3442.060	2.420	0.002	11855.857	109.62	1.3	0.012364
	9	3444.791	2.421	0.002	11866.522	109.74	1.3	0.012364
20	10	3447.521	2.423	0.002	11877.189	109.86	1.3	0.012364
	11	3450.252	2.424	0.002	11887.859	109.98	1.3	0.012364
	12	3452.982	2.425	0.002	11898.531	110.11	1.3	0.012364
	13	3455.712	2.427	0.002	11909.205	110.23	1.3	0.012364
	14	3458.441	2.428	0.002	11919.882	110.35	1.3	0.012364
20	15	3461.171	2.430	0.002	11930.560	110.48	1.3	0.012364
	16	3463.900	2.431	0.002	11941.241	110.60	1.3	0.012364
	17	3466.628	2.432	0.002	11951.925	110.72	1.3	0.012364
	18	3469.357	2.434	0.002	11962.610	110.84	1.3	0.012364
	19	3472.085	2.435	0.002	11973.298	110.97	1.3	0.012364
20	20	3474.812	2.436	0.002	11983.988	111.09	1.3	0.012364
	21	3477.540	2.438	0.002	11994.681	111.21	1.3	0.012363
	22	3480.267	2.439	0.002	12005.375	111.34	1.3	0.012363
	23	3482.994	2.441	0.002	12016.072	111.46	1.3	0.012363
	24	3485.720	2.442	0.002	12026.772	111.58	1.3	0.012363
20	25	3488.447	2.443	0.002	12037.473	111.71	1.3	0.012363
	26	3491.173	2.445	0.002	12048.177	111.83	1.3	0.012363
	27	3493.898	2.446	0.002	12058.883	111.95	1.3	0.012363
	28	3496.624	2.447	0.002	12069.592	112.08	1.3	0.012363
	29	3499.349	2.449	0.002	12080.303	112.20	1.3	0.012363
20	30	3502.074	2.450	0.002	12091.016	112.33	1.3	0.012363
	31	3504.798	2.452	0.002	12101.731	112.45	1.3	0.012363
	32	3507.523	2.453	0.002	12112.449	112.57	1.3	0.012363
	33	3510.246	2.454	0.002	12123.169	112.70	1.3	0.012363
	34	3512.970	2.456	0.002	12133.891	112.82	1.4	0.012363
20	35	3515.693	2.457	0.002	12144.616	112.95	1.4	0.012363
	36	3518.416	2.458	0.002	12155.343	113.07	1.4	0.012363
	37	3521.139	2.460	0.002	12166.072	113.20	1.4	0.012363
	38	3523.862	2.461	0.002	12176.804	113.32	1.4	0.012363
	39	3526.584	2.462	0.002	12187.538	113.45	1.4	0.012363
20	40	3529.306	2.464	0.002	12198.274	113.57	1.4	0.012363
	41	3532.027	2.465	0.002	12209.013	113.70	1.4	0.012363
	42	3534.748	2.466	0.002	12219.754	113.82	1.4	0.012363
	43	3537.469	2.468	0.002	12230.498	113.95	1.4	0.012363
	44	3540.190	2.469	0.002	12241.243	114.07	1.4	0.012363
20	45	3542.910	2.470	0.002	12251.991	114.20	1.4	0.012363
	46	3545.630	2.472	0.002	12262.742	114.32	1.4	0.012363
	47	3548.350	2.473	0.002	12273.495	114.45	1.4	0.012363
	48	3551.070	2.474	0.002	12284.250	114.57	1.4	0.012363
	49	3553.789	2.476	0.002	12295.007	114.70	1.4	0.012363
20	50	3556.508	2.477	0.002	12305.767	114.83	1.4	0.012363
	51	3559.226	2.478	0.002	12316.529	114.95	1.4	0.012363
	52	3561.944	2.480	0.002	12327.294	115.08	1.4	0.012362
	53	3564.662	2.481	0.002	12338.061	115.20	1.4	0.012362
	54	3567.380	2.482	0.002	12348.830	115.33	1.4	0.012362
20	55	3570.097	2.484	0.002	12359.602	115.46	1.4	0.012362
	56	3572.814	2.485	0.002	12370.376	115.58	1.4	0.012362
	57	3575.531	2.486	0.002	12381.153	115.71	1.4	0.012362
	58	3578.248	2.488	0.002	12391.932	115.84	1.4	0.012362
	59	3580.964	2.489	0.002	12402.713	115.96	1.4	0.012362
21	00	3583.679	2.490	0.002	12413.496	116.09	1.4	0.012362

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
21	0	3583.679	2.490	0.002	12413.496	116.09	1.4	0.012362
	1	3586.395	2.492	0.002	12424.282	116.22	1.4	0.012362
	2	3589.110	2.493	0.002	12435.071	116.34	1.4	0.012362
	3	3591.825	2.494	0.002	12445.862	116.47	1.4	0.012362
	4	3594.540	2.496	0.002	12456.655	116.60	1.4	0.012362
21	5	3597.254	2.497	0.002	12467.451	116.73	1.4	0.012362
	6	3599.968	2.498	0.002	12478.249	116.85	1.4	0.012362
	7	3602.682	2.500	0.002	12489.049	116.98	1.4	0.012362
	8	3605.395	2.501	0.002	12499.852	117.11	1.4	0.012362
	9	3608.108	2.502	0.002	12510.657	117.24	1.4	0.012362
21	10	3610.821	2.504	0.002	12521.465	117.36	1.4	0.012362
	11	3613.534	2.505	0.002	12532.275	117.49	1.4	0.012362
	12	3616.246	2.506	0.002	12543.087	117.62	1.4	0.012362
	13	3618.958	2.508	0.002	12553.902	117.75	1.4	0.012362
	14	3621.669	2.509	0.002	12564.720	117.88	1.4	0.012362
21	15	3624.380	2.510	0.002	12575.539	118.01	1.4	0.012362
	16	3627.091	2.511	0.002	12586.362	118.13	1.4	0.012362
	17	3629.802	2.513	0.002	12597.186	118.26	1.4	0.012362
	18	3632.512	2.514	0.002	12608.013	118.39	1.4	0.012362
	19	3635.222	2.515	0.002	12618.843	118.52	1.4	0.012362
21	20	3637.932	2.517	0.002	12629.675	118.65	1.4	0.012362
	21	3640.641	2.518	0.002	12640.509	118.78	1.4	0.012362
	22	3643.351	2.519	0.002	12651.346	118.91	1.4	0.012362
	23	3646.059	2.520	0.002	12662.185	119.04	1.4	0.012361
	24	3648.768	2.522	0.002	12673.027	119.16	1.4	0.012361
21	25	3651.476	2.523	0.002	12683.871	119.29	1.5	0.012361
	26	3654.184	2.524	0.002	12694.718	119.42	1.5	0.012361
	27	3656.891	2.526	0.002	12705.567	119.55	1.5	0.012361
	28	3659.599	2.527	0.002	12716.419	119.68	1.5	0.012361
	29	3662.306	2.528	0.002	12727.273	119.81	1.5	0.012361
21	30	3665.012	2.529	0.002	12738.129	119.94	1.5	0.012361
	31	3667.719	2.531	0.002	12748.988	120.07	1.5	0.012361
	32	3670.425	2.532	0.002	12759.850	120.20	1.5	0.012361
	33	3673.130	2.533	0.002	12770.714	120.33	1.5	0.012361
	34	3675.836	2.535	0.002	12781.580	120.46	1.5	0.012361
21	35	3678.541	2.536	0.002	12792.449	120.59	1.5	0.012361
	36	3681.246	2.537	0.002	12803.320	120.72	1.5	0.012361
	37	3683.950	2.538	0.002	12814.194	120.85	1.5	0.012361
	38	3686.654	2.540	0.002	12825.071	120.98	1.5	0.012361
	39	3689.358	2.541	0.002	12835.949	121.11	1.5	0.012361
21	40	3692.061	2.542	0.002	12846.831	121.25	1.5	0.012361
	41	3694.765	2.543	0.002	12857.715	121.38	1.5	0.012361
	42	3697.468	2.545	0.002	12868.601	121.51	1.5	0.012361
	43	3700.170	2.546	0.002	12879.490	121.64	1.5	0.012361
	44	3702.872	2.547	0.002	12890.381	121.77	1.5	0.012361
21	45	3705.574	2.548	0.002	12901.275	121.90	1.5	0.012361
	46	3708.276	2.550	0.002	12912.171	122.03	1.5	0.012361
	47	3710.977	2.551	0.002	12923.070	122.16	1.5	0.012361
	48	3713.678	2.552	0.002	12933.972	122.30	1.5	0.012361
	49	3716.379	2.553	0.002	12944.876	122.43	1.5	0.012361
21	50	3719.079	2.555	0.002	12955.782	122.56	1.5	0.012361
	51	3721.780	2.556	0.002	12966.691	122.69	1.5	0.012361
	52	3724.479	2.557	0.002	12977.602	122.82	1.5	0.012361
	53	3727.179	2.558	0.002	12988.516	122.95	1.5	0.012360
	54	3729.878	2.560	0.002	12999.433	123.09	1.5	0.012360
21	55	3732.577	2.561	0.002	13010.352	123.22	1.5	0.012360
	56	3735.275	2.562	0.002	13021.274	123.35	1.5	0.012360
	57	3737.973	2.563	0.002	13032.198	123.48	1.5	0.012360
	58	3740.671	2.565	0.002	13043.125	123.62	1.5	0.012360
	59	3743.369	2.566	0.002	13054.054	123.75	1.5	0.012360
22	00	3746.066	2.567	0.002	13064.986	123.88	1.5	0.012360

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.000030**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
22	0	3746.066	2.567	0.002	13064.986	123.88	1.5	0.012360
	1	3748.763	2.568	0.002	13075.920	124.02	1.5	0.012360
	2	3751.459	2.570	0.002	13086.857	124.15	1.5	0.012360
	3	3754.156	2.571	0.002	13097.796	124.28	1.5	0.012360
	4	3756.852	2.572	0.002	13108.738	124.42	1.5	0.012360
22	5	3759.547	2.573	0.002	13119.683	124.55	1.5	0.012360
	6	3762.243	2.575	0.002	13130.630	124.68	1.5	0.012360
	7	3764.938	2.576	0.002	13141.580	124.82	1.5	0.012360
	8	3767.632	2.577	0.002	13152.532	124.95	1.5	0.012360
	9	3770.327	2.578	0.002	13163.487	125.08	1.5	0.012360
22	10	3773.021	2.579	0.002	13174.445	125.22	1.5	0.012360
	11	3775.714	2.581	0.002	13185.405	125.35	1.5	0.012360
	12	3778.408	2.582	0.002	13196.367	125.49	1.5	0.012360
	13	3781.101	2.583	0.002	13207.332	125.62	1.6	0.012360
	14	3783.794	2.584	0.002	13218.300	125.75	1.6	0.012360
22	15	3786.486	2.585	0.002	13229.271	125.89	1.6	0.012360
	16	3789.178	2.587	0.002	13240.244	126.02	1.6	0.012360
	17	3791.870	2.588	0.002	13251.219	126.16	1.6	0.012360
	18	3794.562	2.589	0.002	13262.197	126.29	1.6	0.012360
	19	3797.253	2.590	0.002	13273.178	126.43	1.6	0.012360
22	20	3799.944	2.592	0.002	13284.161	126.56	1.6	0.012360
	21	3802.634	2.593	0.002	13295.147	126.70	1.6	0.012360
	22	3805.324	2.594	0.002	13306.136	126.83	1.6	0.012360
	23	3808.014	2.595	0.002	13317.127	126.97	1.6	0.012359
	24	3810.704	2.596	0.002	13328.121	127.10	1.6	0.012359
22	25	3813.393	2.598	0.002	13339.117	127.24	1.6	0.012359
	26	3816.082	2.599	0.002	13350.116	127.37	1.6	0.012359
	27	3818.770	2.600	0.002	13361.118	127.51	1.6	0.012359
	28	3821.459	2.601	0.002	13372.122	127.65	1.6	0.012359
	29	3824.147	2.602	0.002	13383.129	127.78	1.6	0.012359
22	30	3826.834	2.604	0.002	13394.139	127.92	1.6	0.012359
	31	3829.522	2.605	0.002	13405.151	128.05	1.6	0.012359
	32	3832.209	2.606	0.002	13416.166	128.19	1.6	0.012359
	33	3834.895	2.607	0.002	13427.183	128.33	1.6	0.012359
	34	3837.582	2.608	0.002	13438.203	128.46	1.6	0.012359
22	35	3840.268	2.609	0.002	13449.226	128.60	1.6	0.012359
	36	3842.953	2.611	0.002	13460.252	128.74	1.6	0.012359
	37	3845.639	2.612	0.002	13471.280	128.87	1.6	0.012359
	38	3848.324	2.613	0.002	13482.310	129.01	1.6	0.012359
	39	3851.008	2.614	0.002	13493.344	129.15	1.6	0.012359
22	40	3853.693	2.615	0.002	13504.380	129.28	1.6	0.012359
	41	3856.377	2.617	0.002	13515.419	129.42	1.6	0.012359
	42	3859.060	2.618	0.002	13526.460	129.56	1.6	0.012359
	43	3861.744	2.619	0.002	13537.504	129.70	1.6	0.012359
	44	3864.427	2.620	0.002	13548.551	129.83	1.6	0.012359
22	45	3867.110	2.621	0.002	13559.600	129.97	1.6	0.012359
	46	3869.792	2.622	0.002	13570.652	130.11	1.6	0.012359
	47	3872.474	2.624	0.002	13581.707	130.25	1.6	0.012359
	48	3875.156	2.625	0.002	13592.764	130.39	1.6	0.012359
	49	3877.837	2.626	0.002	13603.824	130.52	1.6	0.012359
22	50	3880.518	2.627	0.002	13614.887	130.66	1.6	0.012359
	51	3883.199	2.628	0.002	13625.953	130.80	1.6	0.012359
	52	3885.880	2.629	0.002	13637.021	130.94	1.6	0.012358
	53	3888.560	2.630	0.002	13648.092	131.08	1.6	0.012358
	54	3891.240	2.632	0.002	13659.165	131.22	1.6	0.012358
22	55	3893.919	2.633	0.002	13670.242	131.36	1.6	0.012358
	56	3896.598	2.634	0.002	13681.321	131.49	1.6	0.012358
	57	3899.277	2.635	0.002	13692.402	131.63	1.7	0.012358
	58	3901.955	2.636	0.002	13703.487	131.77	1.7	0.012358
	59	3904.633	2.637	0.002	13714.574	131.91	1.7	0.012358
23	00	3907.311	2.639	0.002	13725.664	132.05	1.7	0.012358

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
23	0	3907.311	2.639	0.002	13725.664	132.05	1.7	0.012358
	1	3909.989	2.640	0.002	13736.756	132.19	1.7	0.012358
	2	3912.666	2.641	0.002	13747.852	132.33	1.7	0.012358
	3	3915.343	2.642	0.002	13758.950	132.47	1.7	0.012358
	4	3918.019	2.643	0.002	13770.050	132.61	1.7	0.012358
23	5	3920.695	2.644	0.002	13781.154	132.75	1.7	0.012358
	6	3923.371	2.645	0.002	13792.260	132.89	1.7	0.012358
	7	3926.047	2.647	0.002	13803.369	133.03	1.7	0.012358
	8	3928.722	2.648	0.002	13814.481	133.17	1.7	0.012358
	9	3931.397	2.649	0.002	13825.595	133.31	1.7	0.012358
23	10	3934.071	2.650	0.002	13836.712	133.45	1.7	0.012358
	11	3936.745	2.651	0.002	13847.832	133.59	1.7	0.012358
	12	3939.419	2.652	0.002	13858.955	133.73	1.7	0.012358
	13	3942.093	2.653	0.002	13870.080	133.87	1.7	0.012358
	14	3944.766	2.654	0.002	13881.208	134.01	1.7	0.012358
23	15	3947.439	2.656	0.002	13892.339	134.16	1.7	0.012358
	16	3950.111	2.657	0.002	13903.473	134.30	1.7	0.012358
	17	3952.783	2.658	0.002	13914.610	134.44	1.7	0.012358
	18	3955.455	2.659	0.002	13925.749	134.58	1.7	0.012358
	19	3958.127	2.660	0.002	13936.891	134.72	1.7	0.012358
23	20	3960.798	2.661	0.002	13948.036	134.86	1.7	0.012358
	21	3963.468	2.662	0.002	13959.183	135.00	1.7	0.012357
	22	3966.139	2.653	0.002	13970.334	135.15	1.7	0.012357
	23	3968.809	2.664	0.002	13981.487	135.29	1.7	0.012357
	24	3971.479	2.656	0.002	13992.643	135.43	1.7	0.012357
23	25	3974.148	2.667	0.002	14003.801	135.57	1.7	0.012357
	26	3976.818	2.668	0.002	14014.963	135.72	1.7	0.012357
	27	3979.486	2.669	0.002	14026.127	135.86	1.7	0.012357
	28	3982.155	2.670	0.002	14037.294	136.00	1.7	0.012357
	29	3984.823	2.671	0.002	14048.464	136.14	1.7	0.012357
23	30	3987.491	2.672	0.002	14059.637	136.29	1.7	0.012357
	31	3990.158	2.673	0.002	14070.813	136.43	1.7	0.012357
	32	3992.825	2.674	0.002	14081.991	136.57	1.7	0.012357
	33	3995.492	2.676	0.002	14093.172	136.72	1.7	0.012357
	34	3998.158	2.677	0.002	14104.356	136.86	1.7	0.012357
23	35	4000.825	2.678	0.002	14115.543	137.00	1.7	0.012357
	36	4003.490	2.679	0.002	14126.732	137.15	1.7	0.012357
	37	4006.156	2.680	0.002	14137.925	137.29	1.7	0.012357
	38	4008.821	2.681	0.002	14149.120	137.43	1.7	0.012357
	39	4011.486	2.682	0.002	14160.318	137.58	1.7	0.012357
23	40	4014.150	2.683	0.002	14171.519	137.72	1.8	0.012357
	41	4016.814	2.684	0.002	14182.723	137.87	1.8	0.012357
	42	4019.478	2.685	0.002	14193.930	138.01	1.8	0.012357
	43	4022.141	2.686	0.002	14205.139	138.15	1.8	0.012357
	44	4024.804	2.687	0.002	14216.351	138.30	1.8	0.012357
23	45	4027.467	2.689	0.002	14227.566	138.44	1.8	0.012357
	46	4030.129	2.690	0.002	14238.784	138.59	1.8	0.012357
	47	4032.791	2.691	0.002	14250.005	138.73	1.8	0.012357
	48	4035.453	2.692	0.002	14261.229	138.88	1.8	0.012357
	49	4038.114	2.693	0.002	14272.456	139.02	1.8	0.012356
23	50	4040.775	2.694	0.002	14283.685	139.17	1.8	0.012356
	51	4043.436	2.695	0.002	14294.917	139.31	1.8	0.012356
	52	4046.096	2.696	0.002	14306.152	139.46	1.8	0.012356
	53	4048.756	2.697	0.002	14317.391	139.61	1.8	0.012356
	54	4051.416	2.698	0.002	14328.631	139.75	1.8	0.012356
23	55	4054.075	2.699	0.002	14339.875	139.90	1.8	0.012356
	56	4056.734	2.700	0.002	14351.122	140.04	1.8	0.012356
	57	4059.393	2.701	0.002	14362.371	140.19	1.8	0.012356
	58	4062.051	2.702	0.002	14373.624	140.34	1.8	0.012356
	59	4064.709	2.704	0.002	14384.879	140.48	1.8	0.012356
24	00	4067.366	2.705	0.002	14396.138	140.63	1.8	0.012356

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
24	0	4067.366	2.705	0.002	14396.138	140.63	1.8	0.012356
	1	4070.024	2.706	0.002	14407.399	140.78	1.8	0.012356
	2	4072.681	2.707	0.002	14418.663	140.92	1.8	0.012356
	3	4075.337	2.708	0.002	14429.930	141.07	1.8	0.012356
	4	4077.993	2.709	0.002	14441.200	141.22	1.8	0.012356
24	5	4080.649	2.710	0.002	14452.472	141.36	1.8	0.012356
	6	4083.305	2.711	0.002	14463.748	141.51	1.8	0.012356
	7	4085.960	2.712	0.002	14475.027	141.66	1.8	0.012356
	8	4088.615	2.713	0.002	14486.308	141.80	1.8	0.012356
	9	4091.269	2.714	0.002	14497.593	141.95	1.8	0.012356
24	10	4093.923	2.715	0.002	14508.880	142.10	1.8	0.012356
	11	4096.577	2.716	0.002	14520.170	142.25	1.8	0.012356
	12	4099.230	2.717	0.002	14531.463	142.40	1.8	0.012356
	13	4101.883	2.718	0.002	14542.760	142.54	1.8	0.012356
	14	4104.536	2.719	0.002	14554.059	142.69	1.8	0.012356
24	15	4107.189	2.720	0.002	14565.361	142.84	1.8	0.012356
	16	4109.841	2.721	0.002	14576.666	142.99	1.8	0.012356
	17	4112.492	2.722	0.002	14587.974	143.14	1.8	0.012355
	18	4115.144	2.723	0.002	14599.284	143.29	1.8	0.012355
	19	4117.795	2.724	0.002	14610.598	143.44	1.9	0.012355
24	20	4120.445	2.725	0.002	14621.915	143.58	1.9	0.012355
	21	4123.096	2.726	0.002	14633.235	143.73	1.9	0.012355
	22	4125.745	2.727	0.002	14644.557	143.88	1.9	0.012355
	23	4128.395	2.728	0.002	14655.883	144.03	1.9	0.012355
	24	4131.044	2.729	0.002	14667.212	144.18	1.9	0.012355
24	25	4133.693	2.730	0.002	14678.543	144.33	1.9	0.012355
	26	4136.342	2.731	0.002	14689.878	144.48	1.9	0.012355
	27	4138.990	2.732	0.002	14701.215	144.63	1.9	0.012355
	28	4141.638	2.733	0.002	14712.556	144.78	1.9	0.012355
	29	4144.285	2.735	0.002	14723.899	144.93	1.9	0.012355
24	30	4146.932	2.736	0.002	14735.246	145.08	1.9	0.012355
	31	4149.579	2.737	0.002	14746.595	145.23	1.9	0.012355
	32	4152.226	2.738	0.002	14757.948	145.38	1.9	0.012355
	33	4154.872	2.739	0.002	14769.303	145.53	1.9	0.012355
	34	4157.517	2.740	0.002	14780.662	145.68	1.9	0.012355
24	35	4160.163	2.741	0.002	14792.023	145.84	1.9	0.012355
	36	4162.808	2.742	0.002	14803.388	145.99	1.9	0.012355
	37	4165.453	2.743	0.002	14814.755	146.14	1.9	0.012355
	38	4168.097	2.744	0.002	14826.126	146.29	1.9	0.012355
	39	4170.741	2.745	0.002	14837.499	146.44	1.9	0.012355
24	40	4173.385	2.746	0.002	14848.876	146.59	1.9	0.012355
	41	4176.028	2.747	0.002	14860.255	146.74	1.9	0.012355
	42	4178.671	2.748	0.002	14871.638	146.90	1.9	0.012355
	43	4181.313	2.748	0.002	14883.024	147.05	1.9	0.012355
	44	4183.956	2.749	0.002	14894.412	147.20	1.9	0.012355
24	45	4186.597	2.750	0.002	14905.804	147.35	1.9	0.012354
	46	4189.239	2.751	0.002	14917.199	147.50	1.9	0.012354
	47	4191.880	2.752	0.002	14928.596	147.66	1.9	0.012354
	48	4194.521	2.753	0.002	14939.997	147.81	1.9	0.012354
	49	4197.161	2.754	0.002	14951.401	147.96	1.9	0.012354
24	50	4199.801	2.755	0.002	14962.808	148.11	1.9	0.012354
	51	4202.441	2.756	0.002	14974.218	148.27	1.9	0.012354
	52	4205.080	2.757	0.002	14985.631	148.42	1.9	0.012354
	53	4207.719	2.758	0.002	14997.047	148.57	1.9	0.012354
	54	4210.358	2.759	0.002	15008.466	148.73	1.9	0.012354
24	55	4212.996	2.760	0.002	15019.888	148.88	1.9	0.012354
	56	4215.634	2.761	0.002	15031.313	149.03	1.9	0.012354
	57	4218.272	2.762	0.002	15042.742	149.19	2.0	0.012354
	58	4220.909	2.763	0.002	15054.173	149.34	2.0	0.012354
	59	4223.546	2.764	0.002	15065.607	149.50	2.0	0.012354
25	00	4226.183	2.765	0.002	15077.045	149.65	2.0	0.012354

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
25	0	4226.183	2.765	0.002	15077.045	149.65	2.0	0.012354
	1	4228.819	2.766	0.002	15088.486	149.81	2.0	0.012354
	2	4231.455	2.767	0.002	15099.929	149.96	2.0	0.012354
	3	4234.090	2.768	0.002	15111.376	150.11	2.0	0.012354
	4	4236.725	2.769	0.002	15122.826	150.27	2.0	0.012354
25	5	4239.360	2.770	0.002	15134.279	150.42	2.0	0.012354
	6	4241.994	2.771	0.002	15145.735	150.58	2.0	0.012354
	7	4244.628	2.772	0.002	15157.194	150.73	2.0	0.012354
	8	4247.262	2.773	0.002	15168.657	150.89	2.0	0.012354
	9	4249.895	2.774	0.002	15180.122	151.05	2.0	0.012354
25	10	4252.528	2.775	0.002	15191.590	151.20	2.0	0.012354
	11	4255.161	2.776	0.002	15203.062	151.36	2.0	0.012354
	12	4257.793	2.777	0.002	15214.537	151.51	2.0	0.012353
	13	4260.425	2.777	0.002	15226.015	151.67	2.0	0.012353
	14	4263.056	2.778	0.002	15237.496	151.82	2.0	0.012353
25	15	4265.687	2.779	0.002	15248.980	151.98	2.0	0.012353
	16	4268.318	2.780	0.002	15260.467	152.14	2.0	0.012353
	17	4270.949	2.781	0.002	15271.958	152.29	2.0	0.012353
	18	4273.579	2.782	0.002	15283.451	152.45	2.0	0.012353
	19	4276.208	2.783	0.002	15294.948	152.61	2.0	0.012353
25	20	4278.838	2.784	0.002	15306.448	152.76	2.0	0.012353
	21	4281.467	2.785	0.002	15317.951	152.92	2.0	0.012353
	22	4284.095	2.786	0.002	15329.457	153.08	2.0	0.012353
	23	4286.723	2.787	0.002	15340.966	153.24	2.0	0.012353
	24	4289.351	2.788	0.002	15352.478	153.39	2.0	0.012353
25	25	4291.979	2.789	0.002	15363.994	153.55	2.0	0.012353
	26	4294.606	2.790	0.002	15375.513	153.71	2.0	0.012353
	27	4297.233	2.790	0.002	15387.035	153.87	2.0	0.012353
	28	4299.859	2.791	0.002	15398.560	154.02	2.0	0.012353
	29	4302.485	2.792	0.002	15410.088	154.18	2.0	0.012353
25	30	4305.111	2.793	0.002	15421.619	154.34	2.0	0.012353
	31	4307.736	2.794	0.002	15433.154	154.50	2.0	0.012353
	32	4310.361	2.795	0.002	15444.692	154.66	2.0	0.012353
	33	4312.986	2.796	0.002	15456.233	154.82	2.1	0.012353
	34	4315.610	2.797	0.002	15467.777	154.98	2.1	0.012353
25	35	4318.234	2.798	0.002	15479.324	155.13	2.1	0.012353
	36	4320.857	2.799	0.002	15490.875	155.29	2.1	0.012353
	37	4323.481	2.800	0.002	15502.429	155.45	2.1	0.012353
	38	4326.103	2.801	0.002	15513.986	155.61	2.1	0.012353
	39	4328.726	2.801	0.002	15525.546	155.77	2.1	0.012352
25	40	4331.348	2.802	0.002	15537.109	155.93	2.1	0.012352
	41	4333.970	2.803	0.002	15548.676	156.09	2.1	0.012352
	42	4336.591	2.804	0.002	15560.246	156.25	2.1	0.012352
	43	4339.212	2.805	0.002	15571.819	156.41	2.1	0.012352
	44	4341.832	2.806	0.002	15583.395	156.57	2.1	0.012352
25	45	4344.453	2.807	0.002	15594.975	156.73	2.1	0.012352
	46	4347.072	2.808	0.002	15606.557	156.89	2.1	0.012352
	47	4349.692	2.809	0.002	15618.143	157.05	2.1	0.012352
	48	4352.311	2.809	0.002	15629.733	157.22	2.1	0.012352
	49	4354.930	2.810	0.002	15641.325	157.38	2.1	0.012352
25	50	4357.548	2.811	0.002	15652.921	157.54	2.1	0.012352
	51	4360.166	2.812	0.002	15664.520	157.70	2.1	0.012352
	52	4362.784	2.813	0.002	15676.122	157.86	2.1	0.012352
	53	4365.401	2.814	0.002	15687.727	158.02	2.1	0.012352
	54	4368.018	2.815	0.002	15699.336	158.18	2.1	0.012352
25	55	4370.634	2.816	0.002	15710.948	158.35	2.1	0.012352
	56	4373.251	2.817	0.002	15722.563	158.51	2.1	0.012352
	57	4375.866	2.817	0.002	15734.182	158.67	2.1	0.012352
	58	4378.482	2.818	0.002	15745.803	158.83	2.1	0.012352
	59	4381.097	2.819	0.002	15757.428	158.99	2.1	0.012352
26	00	4383.711	2.820	0.002	15769.057	159.16	2.1	0.012352

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
26	0	4383.711	2.820	0.002	15769.057	159.16	2.1	0.012352
	1	4386.326	2.821	0.002	15780.688	159.32	2.1	0.012352
	2	4388.940	2.822	0.002	15792.323	159.48	2.1	0.012352
	3	4391.553	2.823	0.002	15803.961	159.65	2.1	0.012352
	4	4394.166	2.823	0.002	15815.603	159.81	2.1	0.012352
26	5	4396.779	2.824	0.002	15827.247	159.97	2.1	0.012351
	6	4399.392	2.825	0.002	15838.895	160.14	2.1	0.012351
	7	4402.004	2.826	0.002	15850.547	160.30	2.2	0.012351
	8	4404.615	2.827	0.002	15862.201	160.46	2.2	0.012351
	9	4407.227	2.828	0.002	15873.859	160.63	2.2	0.012351
26	10	4409.838	2.829	0.002	15885.521	160.79	2.2	0.012351
	11	4412.448	2.829	0.002	15897.185	160.96	2.2	0.012351
	12	4415.059	2.830	0.002	15908.853	161.12	2.2	0.012351
	13	4417.668	2.831	0.002	15920.524	161.28	2.2	0.012351
	14	4420.278	2.832	0.002	15932.199	161.45	2.2	0.012351
26	15	4422.887	2.833	0.002	15943.877	161.61	2.2	0.012351
	16	4425.496	2.834	0.002	15955.558	161.78	2.2	0.012351
	17	4428.104	2.835	0.002	15967.242	161.94	2.2	0.012351
	18	4430.712	2.835	0.002	15978.930	162.11	2.2	0.012351
	19	4433.319	2.836	0.002	15990.621	162.28	2.2	0.012351
26	20	4435.927	2.837	0.002	16002.316	162.44	2.2	0.012351
	21	4438.534	2.838	0.002	16014.014	162.61	2.2	0.012351
	22	4441.140	2.839	0.002	16025.715	162.77	2.2	0.012351
	23	4443.746	2.840	0.002	16037.420	162.94	2.2	0.012351
	24	4446.352	2.840	0.002	16049.128	163.10	2.2	0.012351
26	25	4448.957	2.841	0.002	16060.839	163.27	2.2	0.012351
	26	4451.562	2.842	0.002	16072.554	163.44	2.2	0.012351
	27	4454.167	2.843	0.002	16084.272	163.60	2.2	0.012351
	28	4456.771	2.844	0.002	16095.993	163.77	2.2	0.012351
	29	4459.375	2.845	0.002	16107.718	163.94	2.2	0.012351
26	30	4461.978	2.845	0.002	16119.446	164.11	2.2	0.012351
	31	4464.581	2.846	0.002	16131.178	164.27	2.2	0.012350
	32	4467.184	2.847	0.002	16142.913	164.44	2.2	0.012350
	33	4469.786	2.848	0.002	16154.651	164.61	2.2	0.012350
	34	4472.388	2.849	0.002	16166.393	164.78	2.2	0.012350
26	35	4474.990	2.849	0.002	16178.138	164.94	2.2	0.012350
	36	4477.591	2.850	0.002	16189.886	165.11	2.2	0.012350
	37	4480.192	2.851	0.002	16201.638	165.28	2.2	0.012350
	38	4482.792	2.852	0.002	16213.394	165.45	2.2	0.012350
	39	4485.392	2.853	0.002	16225.152	165.62	2.3	0.012350
26	40	4487.992	2.854	0.002	16236.915	165.78	2.3	0.012350
	41	4490.591	2.854	0.002	16248.680	165.95	2.3	0.012350
	42	4493.190	2.855	0.002	16260.449	166.12	2.3	0.012350
	43	4495.789	2.856	0.002	16272.222	166.29	2.3	0.012350
	44	4498.387	2.857	0.002	16283.997	166.46	2.3	0.012350
26	45	4500.984	2.858	0.002	16295.777	166.63	2.3	0.012350
	46	4503.582	2.858	0.002	16307.559	166.80	2.3	0.012350
	47	4506.179	2.859	0.002	16319.346	166.97	2.3	0.012350
	48	4508.775	2.860	0.002	16331.135	167.14	2.3	0.012350
	49	4511.372	2.861	0.002	16342.928	167.31	2.3	0.012350
26	50	4513.967	2.861	0.002	16354.725	167.48	2.3	0.012350
	51	4516.563	2.862	0.002	16366.525	167.65	2.3	0.012350
	52	4519.158	2.863	0.002	16378.328	167.82	2.3	0.012350
	53	4521.753	2.864	0.002	16390.135	167.99	2.3	0.012350
	54	4524.347	2.865	0.002	16401.945	168.16	2.3	0.012350
26	55	4526.941	2.865	0.002	16413.759	168.33	2.3	0.012350
	56	4529.535	2.866	0.002	16425.576	168.50	2.3	0.012350
	57	4532.128	2.867	0.002	16437.397	168.68	2.3	0.012349
	58	4534.721	2.868	0.002	16449.221	168.85	2.3	0.012349
	59	4537.313	2.869	0.002	16461.049	169.02	2.3	0.012349
27	00	4539.905	2.869	0.002	16472.880	169.19	2.3	0.012349

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
27	0	4539.905	2.869	0.002	16472.880	169.19	2.3	0.012349
	1	4542.497	2.870	0.002	16484.715	169.36	2.3	0.012349
	2	4545.088	2.871	0.002	16496.553	169.53	2.3	0.012349
	3	4547.679	2.872	0.002	16508.394	169.71	2.3	0.012349
	4	4550.269	2.872	0.002	16520.239	169.88	2.3	0.012349
27	5	4552.859	2.873	0.002	16532.088	170.05	2.3	0.012349
	6	4555.449	2.874	0.002	16543.940	170.22	2.3	0.012349
	7	4558.038	2.875	0.002	16555.796	170.40	2.3	0.012349
	8	4560.627	2.875	0.002	16567.655	170.57	2.3	0.012349
	9	4563.216	2.876	0.002	16579.518	170.74	2.3	0.012349
27	10	4565.804	2.877	0.002	16591.384	170.92	2.4	0.012349
	11	4568.392	2.878	0.002	16603.254	171.09	2.4	0.012349
	12	4570.979	2.878	0.002	16615.127	171.26	2.4	0.012349
	13	4573.566	2.879	0.002	16627.004	171.44	2.4	0.012349
	14	4576.153	2.880	0.002	16638.884	171.61	2.4	0.012349
27	15	4578.739	2.881	0.002	16650.768	171.79	2.4	0.012349
	16	4581.325	2.881	0.002	16662.655	171.96	2.4	0.012349
	17	4583.910	2.882	0.002	16674.546	172.13	2.4	0.012349
	18	4586.496	2.883	0.002	16686.441	172.31	2.4	0.012349
	19	4589.080	2.884	0.002	16698.339	172.48	2.4	0.012349
27	20	4591.665	2.884	0.002	16710.240	172.66	2.4	0.012349
	21	4594.248	2.885	0.002	16722.145	172.83	2.4	0.012349
	22	4596.832	2.886	0.002	16734.054	173.01	2.4	0.012349
	23	4599.415	2.887	0.002	16745.966	173.19	2.4	0.012348
	24	4601.998	2.887	0.002	16757.882	173.36	2.4	0.012348
27	25	4604.580	2.888	0.002	16769.802	173.54	2.4	0.012348
	26	4607.162	2.839	0.002	16781.725	173.71	2.4	0.012348
	27	4609.744	2.890	0.002	16793.651	173.89	2.4	0.012348
	28	4612.325	2.890	0.002	16805.581	174.07	2.4	0.012348
	29	4614.906	2.891	0.002	16817.515	174.24	2.4	0.012348
27	30	4617.486	2.892	0.002	16829.452	174.42	2.4	0.012348
	31	4620.066	2.893	0.002	16841.393	174.60	2.4	0.012348
	32	4622.646	2.893	0.002	16853.338	174.77	2.4	0.012348
	33	4625.225	2.894	0.002	16865.286	174.95	2.4	0.012348
	34	4627.804	2.895	0.002	16877.238	175.13	2.4	0.012348
27	35	4630.382	2.895	0.002	16889.193	175.30	2.4	0.012348
	36	4632.960	2.896	0.002	16901.152	175.48	2.4	0.012348
	37	4635.538	2.897	0.002	16913.115	175.66	2.4	0.012348
	38	4638.115	2.898	0.002	16925.081	175.84	2.4	0.012348
	39	4640.692	2.898	0.002	16937.051	176.02	2.5	0.012348
27	40	4643.269	2.899	0.002	16949.024	176.19	2.5	0.012348
	41	4645.845	2.900	0.002	16961.001	176.37	2.5	0.012348
	42	4648.420	2.900	0.002	16972.982	176.55	2.5	0.012348
	43	4650.996	2.901	0.002	16984.966	176.73	2.5	0.012348
	44	4653.571	2.902	0.002	16996.954	176.91	2.5	0.012348
27	45	4656.145	2.903	0.002	17008.946	177.09	2.5	0.012348
	46	4658.719	2.903	0.002	17020.941	177.27	2.5	0.012348
	47	4661.293	2.904	0.002	17032.940	177.45	2.5	0.012348
	48	4663.866	2.905	0.002	17044.943	177.63	2.5	0.012347
	49	4666.439	2.905	0.002	17056.949	177.81	2.5	0.012347
27	50	4669.012	2.906	0.002	17068.959	177.99	2.5	0.012347
	51	4671.584	2.907	0.002	17080.973	178.17	2.5	0.012347
	52	4674.156	2.907	0.002	17092.990	178.35	2.5	0.012347
	53	4676.727	2.908	0.002	17105.011	178.53	2.5	0.012347
	54	4679.298	2.909	0.002	17117.036	178.71	2.5	0.012347
27	55	4681.869	2.909	0.002	17129.064	178.89	2.5	0.012347
	56	4684.439	2.910	0.002	17141.096	179.07	2.5	0.012347
	57	4687.009	2.911	0.002	17153.132	179.25	2.5	0.012347
	58	4689.578	2.912	0.002	17165.171	179.43	2.5	0.012347
	59	4692.147	2.912	0.002	17177.214	179.61	2.5	0.012347
28	00	4694.716	2.913	0.002	17189.261	179.80	2.5	0.012347

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
28	0	4694.716	2.913	0.002	17189.261	179.80	2.5	0.012347
	1	4697.284	2.914	0.002	17201.311	179.98	2.5	0.012347
	2	4699.852	2.914	0.002	17213.366	180.16	2.5	0.012347
	3	4702.419	2.915	0.002	17225.424	180.34	2.5	0.012347
	4	4704.986	2.916	0.002	17237.485	180.52	2.5	0.012347
28	5	4707.553	2.916	0.002	17249.551	180.71	2.5	0.012347
	6	4710.119	2.917	0.002	17261.620	180.89	2.5	0.012347
	7	4712.685	2.918	0.002	17273.692	181.07	2.6	0.012347
	8	4715.250	2.918	0.002	17285.769	181.26	2.6	0.012347
	9	4717.815	2.919	0.002	17297.849	181.44	2.6	0.012347
28	10	4720.380	2.920	0.002	17309.933	181.62	2.6	0.012347
	11	4722.944	2.920	0.002	17322.021	181.81	2.6	0.012347
	12	4725.508	2.921	0.002	17334.113	181.99	2.6	0.012347
	13	4728.071	2.922	0.002	17346.208	182.17	2.6	0.012346
	14	4730.634	2.922	0.002	17358.307	182.36	2.6	0.012346
28	15	4733.197	2.923	0.002	17370.410	182.54	2.6	0.012346
	16	4735.759	2.924	0.002	17382.516	182.73	2.6	0.012346
	17	4738.321	2.924	0.002	17394.627	182.91	2.6	0.012346
	18	4740.882	2.925	0.002	17406.741	183.10	2.6	0.012346
	19	4743.443	2.925	0.002	17418.859	183.28	2.6	0.012346
28	20	4746.004	2.926	0.002	17430.980	183.47	2.6	0.012346
	21	4748.564	2.927	0.002	17443.106	183.65	2.6	0.012346
	22	4751.124	2.927	0.002	17455.235	183.84	2.6	0.012346
	23	4753.683	2.928	0.002	17467.368	184.02	2.6	0.012346
	24	4756.242	2.929	0.002	17479.505	184.21	2.6	0.012346
28	25	4758.801	2.929	0.002	17491.645	184.40	2.6	0.012346
	26	4761.359	2.930	0.002	17503.790	184.58	2.6	0.012346
	27	4763.917	2.931	0.002	17515.938	184.77	2.6	0.012346
	28	4766.474	2.931	0.002	17528.090	184.96	2.6	0.012346
	29	4769.031	2.932	0.002	17540.246	185.14	2.6	0.012346
28	30	4771.588	2.933	0.002	17552.405	185.33	2.6	0.012346
	31	4774.144	2.933	0.002	17564.569	185.52	2.6	0.012346
	32	4776.700	2.934	0.002	17576.736	185.70	2.6	0.012346
	33	4779.255	2.934	0.002	17588.907	185.89	2.6	0.012346
	34	4781.810	2.935	0.002	17601.082	186.08	2.7	0.012346
28	35	4784.364	2.936	0.002	17613.261	186.27	2.7	0.012346
	36	4786.919	2.936	0.002	17625.444	186.46	2.7	0.012346
	37	4789.472	2.937	0.002	17637.630	186.64	2.7	0.012346
	38	4792.026	2.938	0.002	17649.820	186.83	2.7	0.012345
	39	4794.579	2.938	0.002	17662.015	187.02	2.7	0.012345
28	40	4797.131	2.939	0.002	17674.213	187.21	2.7	0.012345
	41	4799.683	2.939	0.002	17686.414	187.40	2.7	0.012345
	42	4802.235	2.940	0.002	17698.620	187.59	2.7	0.012345
	43	4804.786	2.941	0.002	17710.830	187.78	2.7	0.012345
	44	4807.337	2.941	0.002	17723.043	187.97	2.7	0.012345
28	45	4809.888	2.942	0.002	17735.261	188.16	2.7	0.012345
	46	4812.438	2.942	0.002	17747.482	188.35	2.7	0.012345
	47	4814.987	2.943	0.002	17759.707	188.54	2.7	0.012345
	48	4817.537	2.944	0.002	17771.936	188.73	2.7	0.012345
	49	4820.086	2.944	0.002	17784.169	188.92	2.7	0.012345
28	50	4822.634	2.945	0.002	17796.406	189.11	2.7	0.012345
	51	4825.182	2.945	0.002	17808.646	189.30	2.7	0.012345
	52	4827.730	2.946	0.002	17820.891	189.49	2.7	0.012345
	53	4830.277	2.947	0.002	17833.140	189.68	2.7	0.012345
	54	4832.824	2.947	0.002	17845.392	189.87	2.7	0.012345
28	55	4835.370	2.948	0.002	17857.648	190.07	2.7	0.012345
	56	4837.916	2.948	0.002	17869.909	190.26	2.7	0.012345
	57	4840.462	2.949	0.002	17882.173	190.45	2.7	0.012345
	58	4843.007	2.950	0.002	17894.441	190.64	2.7	0.012345
	59	4845.552	2.950	0.002	17906.713	190.83	2.7	0.012345
29	00	4848.096	2.951	0.002	17918.989	191.03	2.8	0.012345

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
29	0	4848.096	2.951	0.002	17918.989	191.03	2.8	0.012345
	1	4850.640	2.951	0.002	17931.269	191.22	2.8	0.012345
	2	4853.184	2.952	0.002	17943.553	191.41	2.8	0.012344
	3	4855.727	2.952	0.002	17955.840	191.60	2.8	0.012344
	4	4858.270	2.953	0.002	17968.132	191.80	2.8	0.012344
29	5	4860.812	2.954	0.002	17980.428	191.99	2.8	0.012344
	6	4863.354	2.954	0.002	17992.727	192.19	2.8	0.012344
	7	4865.895	2.955	0.002	18005.031	192.38	2.8	0.012344
	8	4868.436	2.955	0.002	18017.339	192.57	2.8	0.012344
	9	4870.977	2.956	0.002	18029.650	192.77	2.8	0.012344
29	10	4873.517	2.956	0.002	18041.966	192.96	2.8	0.012344
	11	4876.057	2.957	0.002	18054.285	193.16	2.8	0.012344
	12	4878.597	2.958	0.002	18066.609	193.35	2.8	0.012344
	13	4881.136	2.958	0.002	18078.936	193.55	2.8	0.012344
	14	4883.674	2.959	0.002	18091.268	193.74	2.8	0.012344
29	15	4886.212	2.959	0.002	18103.603	193.94	2.8	0.012344
	16	4888.750	2.960	0.002	18115.943	194.13	2.8	0.012344
	17	4891.288	2.950	0.002	18128.286	194.33	2.8	0.012344
	18	4893.825	2.961	0.002	18140.634	194.53	2.8	0.012344
	19	4896.361	2.961	0.002	18152.985	194.72	2.8	0.012344
29	20	4898.897	2.962	0.002	18165.341	194.92	2.8	0.012344
	21	4901.433	2.963	0.002	18177.700	195.11	2.8	0.012344
	22	4903.968	2.963	0.002	18190.064	195.31	2.8	0.012344
	23	4906.503	2.964	0.002	18202.431	195.51	2.8	0.012344
	24	4909.038	2.964	0.002	18214.803	195.71	2.8	0.012344
29	25	4911.572	2.965	0.002	18227.178	195.90	2.9	0.012344
	26	4914.105	2.965	0.002	18239.558	196.10	2.9	0.012344
	27	4916.638	2.966	0.002	18251.942	196.30	2.9	0.012343
	28	4919.171	2.956	0.002	18264.330	196.50	2.9	0.012343
	29	4921.704	2.967	0.002	18276.721	196.69	2.9	0.012343
29	30	4924.236	2.967	0.002	18289.117	196.89	2.9	0.012343
	31	4926.767	2.958	0.002	18301.517	197.09	2.9	0.012343
	32	4929.298	2.969	0.002	18313.921	197.29	2.9	0.012343
	33	4931.829	2.959	0.002	18326.329	197.49	2.9	0.012343
	34	4934.359	2.970	0.002	18338.741	197.69	2.9	0.012343
29	35	4936.889	2.970	0.002	18351.158	197.89	2.9	0.012343
	36	4939.419	2.971	0.002	18363.578	198.09	2.9	0.012343
	37	4941.948	2.971	0.002	18376.002	198.29	2.9	0.012343
	38	4944.476	2.972	0.002	18388.431	198.49	2.9	0.012343
	39	4947.005	2.972	0.002	18400.863	198.69	2.9	0.012343
29	40	4949.532	2.973	0.002	18413.300	198.89	2.9	0.012343
	41	4952.060	2.973	0.002	18425.741	199.09	2.9	0.012343
	42	4954.587	2.974	0.002	18438.185	199.29	2.9	0.012343
	43	4957.113	2.974	0.002	18450.634	199.49	2.9	0.012343
	44	4959.639	2.975	0.002	18463.087	199.69	2.9	0.012343
29	45	4962.165	2.975	0.002	18475.545	199.89	2.9	0.012343
	46	4964.690	2.976	0.002	18488.006	200.09	2.9	0.012343
	47	4967.215	2.976	0.002	18500.471	200.29	2.9	0.012343
	48	4969.740	2.977	0.002	18512.941	200.50	3.0	0.012343
	49	4972.264	2.977	0.002	18525.415	200.70	3.0	0.012343
29	50	4974.787	2.978	0.002	18537.893	200.90	3.0	0.012343
	51	4977.310	2.978	0.002	18550.375	201.10	3.0	0.012342
	52	4979.833	2.979	0.002	18562.861	201.31	3.0	0.012342
	53	4982.355	2.979	0.002	18575.351	201.51	3.0	0.012342
	54	4984.877	2.980	0.002	18587.845	201.71	3.0	0.012342
29	55	4987.399	2.980	0.002	18600.344	201.92	3.0	0.012342
	56	4989.920	2.981	0.002	18612.847	202.12	3.0	0.012342
	57	4992.441	2.981	0.002	18625.354	202.32	3.0	0.012342
	58	4994.961	2.982	0.002	18637.865	202.53	3.0	0.012342
	59	4997.481	2.982	0.002	18650.380	202.73	3.0	0.012342
30	00	5000.000	2.983	0.002	18662.900	202.94	3.0	0.012342

TABELAS PARA CALCULOS NO SISTEMA DE PROJECKO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
30	0	5000.000	2.983	0.002	18662.900	202.94	3.0	0.012342
	1	5002.519	2.983	0.002	18675.423	203.14	3.0	0.012342
	2	5005.037	2.984	0.002	18687.951	203.35	3.0	0.012342
	3	5007.556	2.984	0.002	18700.483	203.55	3.0	0.012342
	4	5010.073	2.985	0.002	18713.019	203.76	3.0	0.012342
30	5	5012.591	2.985	0.002	18725.560	203.96	3.0	0.012342
	6	5015.107	2.986	0.002	18738.104	204.17	3.0	0.012342
	7	5017.624	2.986	0.002	18750.653	204.37	3.0	0.012342
	8	5020.140	2.987	0.002	18763.206	204.58	3.0	0.012342
	9	5022.655	2.987	0.002	18775.764	204.79	3.0	0.012342
30	10	5025.170	2.988	0.002	18788.325	204.99	3.0	0.012342
	11	5027.685	2.988	0.002	18800.891	205.20	3.1	0.012342
	12	5030.199	2.988	0.002	18813.461	205.41	3.1	0.012342
	13	5032.713	2.989	0.002	18826.035	205.61	3.1	0.012342
	14	5035.227	2.989	0.002	18838.613	205.82	3.1	0.012342
30	15	5037.740	2.990	0.002	18851.196	206.03	3.1	0.012341
	16	5040.252	2.990	0.002	18863.783	206.23	3.1	0.012341
	17	5042.765	2.991	0.002	18876.374	206.44	3.1	0.012341
	18	5045.276	2.991	0.002	18888.970	206.65	3.1	0.012341
	19	5047.788	2.992	0.002	18901.569	206.86	3.1	0.012341
30	20	5050.298	2.992	0.002	18914.173	207.07	3.1	0.012341
	21	5052.809	2.993	0.002	18926.781	207.28	3.1	0.012341
	22	5055.319	2.993	0.002	18939.394	207.49	3.1	0.012341
	23	5057.828	2.994	0.002	18952.011	207.69	3.1	0.012341
	24	5060.338	2.994	0.002	18964.632	207.90	3.1	0.012341
30	25	5062.846	2.994	0.002	18977.257	208.11	3.1	0.012341
	26	5065.355	2.995	0.002	18989.887	208.32	3.1	0.012341
	27	5067.863	2.995	0.002	19002.521	208.53	3.1	0.012341
	28	5070.370	2.996	0.002	19015.159	208.74	3.1	0.012341
	29	5072.877	2.996	0.002	19027.802	208.95	3.1	0.012341
30	30	5075.384	2.997	0.002	19040.448	209.17	3.1	0.012341
	31	5077.890	2.997	0.002	19053.100	209.38	3.1	0.012341
	32	5080.396	2.997	0.002	19065.755	209.59	3.1	0.012341
	33	5082.901	2.998	0.002	19078.415	209.80	3.1	0.012341
	34	5085.406	2.998	0.002	19091.079	210.01	3.2	0.012341
30	35	5087.910	2.999	0.002	19103.748	210.22	3.2	0.012341
	36	5090.414	2.999	0.002	19116.420	210.43	3.2	0.012341
	37	5092.918	3.000	0.002	19129.097	210.65	3.2	0.012341
	38	5095.421	3.000	0.002	19141.779	210.86	3.2	0.012341
	39	5097.924	3.000	0.002	19154.465	211.07	3.2	0.012340
30	40	5100.426	3.001	0.002	19167.155	211.28	3.2	0.012340
	41	5102.928	3.001	0.002	19179.850	211.50	3.2	0.012340
	42	5105.429	3.002	0.002	19192.548	211.71	3.2	0.012340
	43	5107.930	3.002	0.002	19205.252	211.92	3.2	0.012340
	44	5110.431	3.003	0.002	19217.959	212.14	3.2	0.012340
30	45	5112.931	3.003	0.002	19230.671	212.35	3.2	0.012340
	46	5115.431	3.003	0.002	19243.388	212.57	3.2	0.012340
	47	5117.930	3.004	0.002	19256.109	212.78	3.2	0.012340
	48	5120.429	3.004	0.002	19268.834	213.00	3.2	0.012340
	49	5122.927	3.005	0.002	19281.563	213.21	3.2	0.012340
30	50	5125.425	3.005	0.002	19294.297	213.43	3.2	0.012340
	51	5127.923	3.005	0.002	19307.036	213.64	3.2	0.012340
	52	5130.420	3.006	0.002	19319.778	213.86	3.2	0.012340
	53	5132.916	3.006	0.002	19332.526	214.07	3.2	0.012340
	54	5135.413	3.007	0.002	19345.277	214.29	3.2	0.012340
30	55	5137.908	3.007	0.002	19358.033	214.50	3.3	0.012340
	56	5140.404	3.007	0.002	19370.794	214.72	3.3	0.012340
	57	5142.899	3.008	0.002	19383.558	214.94	3.3	0.012340
	58	5145.393	3.008	0.002	19396.328	215.15	3.3	0.012340
	59	5147.887	3.009	0.002	19409.102	215.37	3.3	0.012340
31	00	5150.381	3.009	0.002	19421.880	215.59	3.3	0.012340

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
31	0	5150.381	3.009	0.002	19421.880	215.59	3.3	0.012340
	1	5152.874	3.009	0.002	19434.662	215.81	3.3	0.012340
	2	5155.367	3.010	0.002	19447.449	216.02	3.3	0.012339
	3	5157.859	3.010	0.002	19460.241	216.24	3.3	0.012339
	4	5160.351	3.011	0.002	19473.037	216.46	3.3	0.012339
31	5	5162.842	3.011	0.002	19485.837	216.68	3.3	0.012339
	6	5165.333	3.011	0.002	19498.642	216.90	3.3	0.012339
	7	5167.824	3.012	0.002	19511.452	217.12	3.3	0.012339
	8	5170.314	3.012	0.002	19524.266	217.33	3.3	0.012339
	9	5172.804	3.012	0.002	19537.084	217.55	3.3	0.012339
31	10	5175.293	3.013	0.002	19549.907	217.77	3.3	0.012339
	11	5177.782	3.013	0.002	19562.734	217.99	3.3	0.012339
	12	5180.270	3.014	0.002	19575.566	218.21	3.3	0.012339
	13	5182.758	3.014	0.002	19588.402	218.43	3.3	0.012339
	14	5185.246	3.014	0.002	19601.243	218.65	3.3	0.012339
31	15	5187.733	3.015	0.002	19614.088	218.87	3.3	0.012339
	16	5190.219	3.015	0.002	19626.938	219.10	3.4	0.012339
	17	5192.705	3.015	0.002	19639.793	219.32	3.4	0.012339
	18	5195.191	3.016	0.002	19652.652	219.54	3.4	0.012339
	19	5197.676	3.016	0.002	19665.515	219.76	3.4	0.012339
31	20	5200.161	3.016	0.002	19678.383	219.98	3.4	0.012339
	21	5202.646	3.017	0.002	19691.255	220.20	3.4	0.012339
	22	5205.130	3.017	0.002	19704.132	220.43	3.4	0.012339
	23	5207.613	3.018	0.002	19717.014	220.65	3.4	0.012339
	24	5210.096	3.018	0.002	19729.900	220.87	3.4	0.012339
31	25	5212.579	3.018	0.002	19742.791	221.09	3.4	0.012339
	26	5215.061	3.019	0.002	19755.686	221.32	3.4	0.012338
	27	5217.543	3.019	0.002	19768.586	221.54	3.4	0.012338
	28	5220.024	3.019	0.002	19781.490	221.77	3.4	0.012338
	29	5222.505	3.020	0.002	19794.399	221.99	3.4	0.012338
31	30	5224.986	3.020	0.002	19807.313	222.21	3.4	0.012338
	31	5227.466	3.020	0.002	19820.231	222.44	3.4	0.012338
	32	5229.945	3.021	0.002	19833.154	222.66	3.4	0.012338
	33	5232.424	3.021	0.002	19846.081	222.89	3.4	0.012338
	34	5234.903	3.021	0.002	19859.013	223.11	3.4	0.012338
31	35	5237.381	3.022	0.002	19871.949	223.34	3.4	0.012338
	36	5239.859	3.022	0.002	19884.890	223.56	3.5	0.012338
	37	5242.336	3.022	0.002	19897.836	223.79	3.5	0.012338
	38	5244.813	3.023	0.002	19910.787	224.02	3.5	0.012338
	39	5247.290	3.023	0.002	19923.741	224.24	3.5	0.012338
31	40	5249.766	3.023	0.002	19936.701	224.47	3.5	0.012338
	41	5252.241	3.024	0.002	19949.665	224.69	3.5	0.012338
	42	5254.717	3.024	0.002	19962.634	224.92	3.5	0.012338
	43	5257.191	3.024	0.002	19975.608	225.15	3.5	0.012338
	44	5259.665	3.025	0.002	19988.586	225.38	3.5	0.012338
31	45	5262.139	3.025	0.002	20001.569	225.60	3.5	0.012338
	46	5264.613	3.025	0.002	20014.556	225.83	3.5	0.012338
	47	5267.085	3.026	0.002	20027.548	226.06	3.5	0.012338
	48	5269.558	3.026	0.002	20040.545	226.29	3.5	0.012338
	49	5272.030	3.026	0.002	20053.546	226.52	3.5	0.012337
31	50	5274.502	3.026	0.002	20066.552	226.75	3.5	0.012337
	51	5276.973	3.027	0.002	20079.563	226.98	3.5	0.012337
	52	5279.443	3.027	0.002	20092.579	227.21	3.5	0.012337
	53	5281.914	3.027	0.002	20105.599	227.44	3.5	0.012337
	54	5284.383	3.028	0.002	20118.623	227.67	3.5	0.012337
31	55	5286.853	3.028	0.002	20131.653	227.90	3.6	0.012337
	56	5289.322	3.028	0.002	20144.687	228.13	3.6	0.012337
	57	5291.790	3.029	0.002	20157.726	228.36	3.6	0.012337
	58	5294.258	3.029	0.002	20170.770	228.59	3.6	0.012337
	59	5296.726	3.029	0.002	20183.818	228.82	3.6	0.012337
32	00	5299.193	3.029	0.002	20196.871	229.05	3.6	0.012337

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
32	0	5299.193	3.029	0.002	20196.871	229.05	3.6	0.012337
	1	5301.659	3.030	0.002	20209.929	229.28	3.6	0.012337
	2	5304.125	3.030	0.002	20222.992	229.51	3.6	0.012337
	3	5306.591	3.030	0.002	20236.059	229.75	3.6	0.012337
	4	5309.057	3.031	0.002	20249.131	229.98	3.6	0.012337
32	5	5311.521	3.031	0.002	20262.208	230.21	3.6	0.012337
	6	5313.986	3.031	0.002	20275.289	230.44	3.6	0.012337
	7	5316.450	3.031	0.002	20288.375	230.68	3.6	0.012337
	8	5318.913	3.032	0.002	20301.466	230.91	3.6	0.012337
	9	5321.376	3.032	0.002	20314.562	231.14	3.6	0.012337
32	10	5323.839	3.032	0.002	20327.663	231.38	3.6	0.012337
	11	5326.301	3.033	0.002	20340.768	231.61	3.6	0.012337
	12	5328.763	3.033	0.002	20353.878	231.85	3.6	0.012336
	13	5331.224	3.033	0.002	20366.993	232.08	3.6	0.012336
	14	5333.685	3.033	0.002	20380.112	232.32	3.7	0.012336
32	15	5336.145	3.034	0.002	20393.237	232.55	3.7	0.012336
	16	5338.605	3.034	0.002	20406.366	232.79	3.7	0.012336
	17	5341.065	3.034	0.002	20419.500	233.02	3.7	0.012336
	18	5343.523	3.035	0.002	20432.639	233.26	3.7	0.012336
	19	5345.982	3.035	0.002	20445.783	233.49	3.7	0.012336
32	20	5348.440	3.035	0.002	20458.931	233.73	3.7	0.012336
	21	5350.898	3.035	0.002	20472.085	233.97	3.7	0.012336
	22	5353.355	3.036	0.002	20485.243	234.20	3.7	0.012336
	23	5355.812	3.036	0.002	20498.406	234.44	3.7	0.012336
	24	5358.268	3.036	0.002	20511.573	234.68	3.7	0.012336
32	25	5360.724	3.036	0.002	20524.746	234.92	3.7	0.012336
	26	5363.179	3.037	0.002	20537.924	235.15	3.7	0.012336
	27	5365.634	3.037	0.002	20551.106	235.39	3.7	0.012336
	28	5368.089	3.037	0.002	20564.293	235.63	3.7	0.012336
	29	5370.543	3.037	0.002	20577.485	235.87	3.7	0.012336
32	30	5372.996	3.038	0.002	20590.682	236.11	3.7	0.012336
	31	5375.449	3.038	0.002	20603.884	236.35	3.7	0.012336
	32	5377.902	3.038	0.002	20617.090	236.59	3.8	0.012336
	33	5380.354	3.038	0.002	20630.302	236.83	3.8	0.012336
	34	5382.806	3.039	0.002	20643.518	237.07	3.8	0.012336
32	35	5385.257	3.039	0.002	20656.740	237.31	3.8	0.012335
	36	5387.708	3.039	0.002	20669.966	237.55	3.8	0.012335
	37	5390.158	3.039	0.002	20683.197	237.79	3.8	0.012335
	38	5392.608	3.039	0.002	20696.433	238.03	3.8	0.012335
	39	5395.058	3.040	0.002	20709.674	238.27	3.8	0.012335
32	40	5397.507	3.040	0.002	20722.920	238.51	3.8	0.012335
	41	5399.955	3.040	0.002	20736.171	238.75	3.8	0.012335
	42	5402.403	3.040	0.002	20749.426	238.99	3.8	0.012335
	43	5404.851	3.041	0.002	20762.687	239.24	3.8	0.012335
	44	5407.298	3.041	0.002	20775.953	239.48	3.8	0.012335
32	45	5409.745	3.041	0.002	20789.223	239.72	3.8	0.012335
	46	5412.191	3.041	0.002	20802.498	239.97	3.8	0.012335
	47	5414.637	3.041	0.002	20815.779	240.21	3.8	0.012335
	48	5417.082	3.042	0.002	20829.064	240.45	3.8	0.012335
	49	5419.527	3.042	0.002	20842.354	240.70	3.9	0.012335
32	50	5421.971	3.042	0.002	20855.650	240.94	3.9	0.012335
	51	5424.415	3.042	0.002	20868.950	241.18	3.9	0.012335
	52	5426.859	3.043	0.002	20882.255	241.43	3.9	0.012335
	53	5429.302	3.043	0.002	20895.565	241.67	3.9	0.012335
	54	5431.744	3.043	0.002	20908.881	241.92	3.9	0.012335
32	55	5434.187	3.043	0.002	20922.201	242.17	3.9	0.012335
	56	5436.628	3.043	0.002	20935.526	242.41	3.9	0.012335
	57	5439.069	3.044	0.002	20948.856	242.66	3.9	0.012335
	58	5441.510	3.044	0.002	20962.191	242.90	3.9	0.012334
	59	5443.951	3.044	0.002	20975.531	243.15	3.9	0.012334
33	00	5446.390	3.044	0.002	20988.877	243.40	3.9	0.012334

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
33	0	5446.390	3.044	0.002	20988.877	243.40	3.9	0.012334
	1	5448.830	3.044	0.002	21002.227	243.64	3.9	0.012334
	2	5451.269	3.045	0.002	21015.582	243.89	3.9	0.012334
	3	5453.707	3.045	0.002	21028.942	244.14	3.9	0.012334
	4	5456.145	3.045	0.002	21042.308	244.39	3.9	0.012334
33	5	5458.583	3.045	0.002	21055.678	244.63	3.9	0.012334
	6	5461.020	3.045	0.002	21069.054	244.88	4.0	0.012334
	7	5463.456	3.046	0.002	21082.434	245.13	4.0	0.012334
	8	5465.892	3.046	0.002	21095.820	245.38	4.0	0.012334
	9	5468.328	3.046	0.002	21109.210	245.63	4.0	0.012334
33	10	5470.763	3.046	0.002	21122.606	245.88	4.0	0.012334
	11	5473.198	3.046	0.002	21136.006	246.13	4.0	0.012334
	12	5475.632	3.046	0.002	21149.412	246.38	4.0	0.012334
	13	5478.066	3.047	0.002	21162.823	246.63	4.0	0.012334
	14	5480.499	3.047	0.002	21176.239	246.88	4.0	0.012334
33	15	5482.932	3.047	0.002	21189.660	247.13	4.0	0.012334
	16	5485.365	3.047	0.002	21203.086	247.38	4.0	0.012334
	17	5487.797	3.047	0.002	21216.518	247.63	4.0	0.012334
	18	5490.228	3.047	0.002	21229.954	247.89	4.0	0.012334
	19	5492.659	3.048	0.002	21243.395	248.14	4.0	0.012334
33	20	5495.090	3.048	0.002	21256.842	248.39	4.0	0.012333
	21	5497.520	3.048	0.002	21270.294	248.64	4.0	0.012333
	22	5499.950	3.048	0.002	21283.751	248.89	4.0	0.012333
	23	5502.379	3.048	0.002	21297.213	249.15	4.1	0.012333
	24	5504.807	3.048	0.002	21310.680	249.40	4.1	0.012333
33	25	5507.236	3.049	0.002	21324.152	249.65	4.1	0.012333
	26	5509.663	3.049	0.002	21337.630	249.91	4.1	0.012333
	27	5512.091	3.049	0.002	21351.112	250.16	4.1	0.012333
	28	5514.518	3.049	0.002	21364.600	250.42	4.1	0.012333
	29	5516.944	3.049	0.002	21378.093	250.67	4.1	0.012333
33	30	5519.370	3.049	0.002	21391.591	250.93	4.1	0.012333
	31	5521.795	3.050	0.002	21405.094	251.18	4.1	0.012333
	32	5524.220	3.050	0.002	21418.603	251.44	4.1	0.012333
	33	5526.645	3.050	0.002	21432.116	251.69	4.1	0.012333
	34	5529.069	3.050	0.002	21445.635	251.95	4.1	0.012333
33	35	5531.492	3.050	0.002	21459.159	252.21	4.1	0.012333
	36	5533.915	3.050	0.002	21472.688	252.46	4.1	0.012333
	37	5536.338	3.050	0.002	21486.223	252.72	4.1	0.012333
	38	5538.760	3.051	0.002	21499.762	252.98	4.1	0.012333
	39	5541.182	3.051	0.002	21513.307	253.24	4.2	0.012333
33	40	5543.603	3.051	0.002	21526.857	253.49	4.2	0.012333
	41	5546.024	3.051	0.002	21540.413	253.75	4.2	0.012333
	42	5548.444	3.051	0.002	21553.973	254.01	4.2	0.012333
	43	5550.864	3.051	0.002	21567.539	254.27	4.2	0.012332
	44	5553.283	3.051	0.002	21581.110	254.53	4.2	0.012332
33	45	5555.702	3.051	0.002	21594.686	254.79	4.2	0.012332
	46	5558.121	3.052	0.002	21608.268	255.05	4.2	0.012332
	47	5560.539	3.052	0.002	21621.855	255.31	4.2	0.012332
	48	5562.956	3.052	0.002	21635.447	255.57	4.2	0.012332
	49	5565.373	3.052	0.002	21649.044	255.83	4.2	0.012332
33	50	5567.790	3.052	0.002	21662.647	256.09	4.2	0.012332
	51	5570.206	3.052	0.002	21676.255	256.35	4.2	0.012332
	52	5572.621	3.052	0.002	21689.868	256.61	4.2	0.012332
	53	5575.036	3.052	0.002	21703.487	256.87	4.2	0.012332
	54	5577.451	3.053	0.002	21717.110	257.13	4.2	0.012332
33	55	5579.865	3.053	0.002	21730.739	257.40	4.3	0.012332
	56	5582.279	3.053	0.002	21744.374	257.66	4.3	0.012332
	57	5584.692	3.053	0.002	21758.014	257.92	4.3	0.012332
	58	5587.105	3.053	0.002	21771.659	258.18	4.3	0.012332
	59	5589.517	3.053	0.002	21785.309	258.45	4.3	0.012332
34	00	5591.929	3.053	0.002	21798.965	258.71	4.3	0.012332

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.000030**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
34	0	5591.929	3.053	0.002	21798.965	258.71	4.3	0.012332
	1	5594.340	3.053	0.002	21812.626	258.98	4.3	0.012332
	2	5596.751	3.053	0.002	21826.292	259.24	4.3	0.012332
	3	5599.162	3.053	0.001	21839.964	259.50	4.3	0.012332
	4	5601.572	3.054	0.001	21853.641	259.77	4.3	0.012332
34	5	5603.981	3.054	0.001	21867.324	260.03	4.3	0.012331
	6	5606.390	3.054	0.001	21881.011	260.30	4.3	0.012331
	7	5608.798	3.054	0.001	21894.705	260.56	4.3	0.012331
	8	5611.206	3.054	0.001	21908.403	260.83	4.3	0.012331
	9	5613.614	3.054	0.001	21922.107	261.10	4.3	0.012331
34	10	5616.021	3.054	0.001	21935.817	261.36	4.4	0.012331
	11	5618.428	3.054	0.001	21949.531	261.63	4.4	0.012331
	12	5620.834	3.054	0.001	21963.251	261.90	4.4	0.012331
	13	5623.239	3.054	0.001	21976.977	262.17	4.4	0.012331
	14	5625.645	3.054	0.001	21990.708	262.43	4.4	0.012331
34	15	5628.049	3.055	0.001	22004.444	262.70	4.4	0.012331
	16	5630.453	3.055	0.001	22018.186	262.97	4.4	0.012331
	17	5632.857	3.055	0.001	22031.933	263.24	4.4	0.012331
	18	5635.260	3.055	0.001	22045.686	263.51	4.4	0.012331
	19	5637.663	3.055	0.001	22059.444	263.78	4.4	0.012331
34	20	5640.066	3.055	0.001	22073.208	264.05	4.4	0.012331
	21	5642.467	3.055	0.001	22086.976	264.32	4.4	0.012331
	22	5644.869	3.055	0.001	22100.751	264.59	4.4	0.012331
	23	5647.270	3.055	0.001	22114.531	264.86	4.4	0.012331
	24	5649.670	3.055	0.001	22128.316	265.13	4.4	0.012331
34	25	5652.070	3.055	0.001	22142.107	265.40	4.5	0.012331
	26	5654.469	3.055	0.001	22155.903	265.67	4.5	0.012331
	27	5656.868	3.055	0.001	22169.705	265.94	4.5	0.012331
	28	5659.267	3.055	0.001	22183.512	266.21	4.5	0.012330
	29	5661.665	3.055	0.001	22197.325	266.49	4.5	0.012330
34	30	5664.062	3.056	0.001	22211.143	266.76	4.5	0.012330
	31	5666.459	3.056	0.001	22224.967	267.03	4.5	0.012330
	32	5668.856	3.056	0.001	22238.796	267.31	4.5	0.012330
	33	5671.252	3.056	0.001	22252.631	267.58	4.5	0.012330
	34	5673.648	3.056	0.001	22266.472	267.85	4.5	0.012330
34	35	5676.043	3.056	0.001	22280.317	268.13	4.5	0.012330
	36	5678.437	3.056	0.001	22294.169	268.40	4.5	0.012330
	37	5680.832	3.056	0.001	22308.026	268.68	4.5	0.012330
	38	5683.225	3.056	0.001	22321.888	268.95	4.5	0.012330
	39	5685.619	3.056	0.001	22335.756	269.23	4.6	0.012330
34	40	5688.011	3.056	0.001	22349.630	269.50	4.6	0.012330
	41	5690.403	3.056	0.001	22363.509	269.78	4.6	0.012330
	42	5692.795	3.056	0.001	22377.394	270.06	4.6	0.012330
	43	5695.187	3.056	0.001	22391.284	270.33	4.6	0.012330
	44	5697.577	3.056	0.001	22405.180	270.61	4.6	0.012330
34	45	5699.968	3.056	0.001	22419.081	270.89	4.6	0.012330
	46	5702.357	3.056	0.001	22432.988	271.17	4.6	0.012330
	47	5704.747	3.056	0.001	22446.901	271.44	4.6	0.012330
	48	5707.136	3.056	0.001	22460.819	271.72	4.6	0.012330
	49	5709.524	3.056	0.001	22474.743	272.00	4.6	0.012330
34	50	5711.912	3.056	0.001	22488.672	272.28	4.6	0.012329
	51	5714.299	3.056	0.001	22502.607	272.56	4.6	0.012329
	52	5716.686	3.056	0.001	22516.548	272.84	4.6	0.012329
	53	5719.073	3.056	0.001	22530.494	273.12	4.7	0.012329
	54	5721.459	3.056	0.001	22544.446	273.40	4.7	0.012329
34	55	5723.844	3.056	0.001	22558.404	273.68	4.7	0.012329
	56	5726.229	3.056	0.001	22572.367	273.96	4.7	0.012329
	57	5728.614	3.056	0.001	22586.336	274.24	4.7	0.012329
	58	5730.998	3.056	0.001	22600.310	274.52	4.7	0.012329
	59	5733.381	3.056	0.001	22614.291	274.80	4.7	0.012329
35	00	5735.764	3.056	0.001	22628.277	275.09	4.7	0.012329

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
35	0	5735.764	3.056	0.001	22628.277	275.09	4.7	0.012329
	1	5738.147	3.056	0.001	22642.268	275.37	4.7	0.012329
	2	5740.529	3.056	0.001	22656.265	275.65	4.7	0.012329
	3	5742.911	3.056	0.001	22670.268	275.93	4.7	0.012329
	4	5745.292	3.056	0.001	22684.277	276.22	4.7	0.012329
35	5	5747.672	3.056	0.001	22698.291	276.50	4.7	0.012329
	6	5750.053	3.056	0.001	22712.311	276.79	4.7	0.012329
	7	5752.432	3.056	0.001	22726.337	277.07	4.8	0.012329
	8	5754.811	3.056	0.001	22740.368	277.35	4.8	0.012329
	9	5757.190	3.056	0.001	22754.406	277.64	4.8	0.012329
35	10	5759.568	3.056	0.001	22768.449	277.93	4.8	0.012329
	11	5761.946	3.056	0.001	22782.497	278.21	4.8	0.012329
	12	5764.323	3.056	0.001	22796.552	278.50	4.8	0.012328
	13	5766.700	3.056	0.001	22810.612	278.78	4.8	0.012328
	14	5769.076	3.056	0.001	22824.678	279.07	4.8	0.012328
35	15	5771.452	3.056	0.001	22838.749	279.36	4.8	0.012328
	16	5773.827	3.056	0.001	22852.827	279.64	4.8	0.012328
	17	5776.202	3.056	0.001	22866.910	279.93	4.8	0.012328
	18	5778.576	3.056	0.001	22880.999	280.22	4.8	0.012328
	19	5780.950	3.056	0.001	22895.094	280.51	4.8	0.012328
35	20	5783.323	3.056	0.001	22909.194	280.80	4.8	0.012328
	21	5785.696	3.056	0.001	22923.301	281.09	4.9	0.012328
	22	5788.069	3.056	0.001	22937.413	281.38	4.9	0.012328
	23	5790.440	3.056	0.001	22951.531	281.67	4.9	0.012328
	24	5792.812	3.056	0.001	22965.654	281.96	4.9	0.012328
35	25	5795.183	3.056	0.001	22979.784	282.25	4.9	0.012328
	26	5797.553	3.056	0.001	22993.919	282.54	4.9	0.012328
	27	5799.923	3.056	0.001	23008.061	282.83	4.9	0.012328
	28	5802.292	3.056	0.001	23022.208	283.12	4.9	0.012328
	29	5804.661	3.056	0.001	23036.361	283.41	4.9	0.012328
35	30	5807.030	3.056	0.001	23050.519	283.70	4.9	0.012328
	31	5809.397	3.056	0.001	23064.684	284.00	4.9	0.012328
	32	5811.765	3.056	0.001	23078.854	284.29	4.9	0.012328
	33	5814.132	3.056	0.001	23093.031	284.58	4.9	0.012328
	34	5816.498	3.056	0.001	23107.213	284.87	5.0	0.012327
35	35	5818.864	3.056	0.001	23121.401	285.17	5.0	0.012327
	36	5821.230	3.056	0.001	23135.595	285.46	5.0	0.012327
	37	5823.595	3.056	0.001	23149.795	285.76	5.0	0.012327
	38	5825.959	3.056	0.001	23164.001	286.05	5.0	0.012327
	39	5828.323	3.056	0.001	23178.212	286.35	5.0	0.012327
35	40	5830.687	3.056	0.001	23192.430	286.64	5.0	0.012327
	41	5833.050	3.055	0.001	23206.653	286.94	5.0	0.012327
	42	5835.412	3.055	0.001	23220.883	287.23	5.0	0.012327
	43	5837.774	3.055	0.001	23235.118	287.53	5.0	0.012327
	44	5840.136	3.055	0.001	23249.360	287.83	5.0	0.012327
35	45	5842.497	3.055	0.001	23263.607	288.12	5.0	0.012327
	46	5844.857	3.055	0.001	23277.860	288.42	5.1	0.012327
	47	5847.217	3.055	0.001	23292.119	288.72	5.1	0.012327
	48	5849.577	3.055	0.001	23306.384	289.02	5.1	0.012327
	49	5851.936	3.055	0.001	23320.655	289.32	5.1	0.012327
35	50	5854.294	3.055	0.001	23334.932	289.62	5.1	0.012327
	51	5856.652	3.055	0.001	23349.215	289.91	5.1	0.012327
	52	5859.010	3.055	0.001	23363.504	290.21	5.1	0.012327
	53	5861.367	3.055	0.001	23377.799	290.51	5.1	0.012327
	54	5863.724	3.055	0.001	23392.100	290.81	5.1	0.012327
35	55	5866.080	3.055	0.001	23406.407	291.12	5.1	0.012327
	56	5868.435	3.054	0.001	23420.720	291.42	5.1	0.012326
	57	5870.790	3.054	0.001	23435.039	291.72	5.1	0.012326
	58	5873.145	3.054	0.001	23449.364	292.02	5.1	0.012326
	59	5875.499	3.054	0.001	23463.695	292.32	5.2	0.012326
36	00	5877.853	3.054	0.001	23478.032	292.62	5.2	0.012326

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
36	0	5877.853	3.054	0.001	23478.032	292.62	5.2	0.012326
	1	5880.206	3.054	0.001	23492.375	292.93	5.2	0.012326
	2	5882.558	3.054	0.001	23506.724	293.23	5.2	0.012326
	3	5884.910	3.054	0.001	23521.080	293.53	5.2	0.012326
	4	5887.262	3.054	0.001	23535.441	293.84	5.2	0.012326
36	5	5889.613	3.054	0.001	23549.808	294.14	5.2	0.012326
	6	5891.964	3.054	0.001	23564.182	294.45	5.2	0.012326
	7	5894.314	3.054	0.001	23578.561	294.75	5.2	0.012326
	8	5896.663	3.053	0.001	23592.947	295.06	5.2	0.012326
	9	5899.012	3.053	0.001	23607.338	295.36	5.2	0.012326
36	10	5901.361	3.053	0.001	23621.736	295.67	5.2	0.012326
	11	5903.709	3.053	0.001	23636.140	295.97	5.3	0.012326
	12	5906.057	3.053	0.001	23650.550	296.28	5.3	0.012326
	13	5908.404	3.053	0.001	23664.966	296.59	5.3	0.012326
	14	5910.750	3.053	0.001	23679.388	296.90	5.3	0.012326
36	15	5913.096	3.053	0.001	23693.817	297.20	5.3	0.012326
	16	5915.442	3.053	0.001	23708.251	297.51	5.3	0.012326
	17	5917.787	3.052	0.001	23722.692	297.82	5.3	0.012326
	18	5920.132	3.052	0.001	23737.138	298.13	5.3	0.012325
	19	5922.476	3.052	0.001	23751.591	298.44	5.3	0.012325
36	20	5924.819	3.052	0.001	23766.050	298.75	5.3	0.012325
	21	5927.163	3.052	0.001	23780.516	299.06	5.3	0.012325
	22	5929.505	3.052	0.001	23794.987	299.37	5.3	0.012325
	23	5931.847	3.052	0.001	23809.465	299.68	5.4	0.012325
	24	5934.189	3.052	0.001	23823.948	299.99	5.4	0.012325
36	25	5936.530	3.052	0.001	23838.438	300.30	5.4	0.012325
	26	5938.871	3.051	0.001	23852.935	300.61	5.4	0.012325
	27	5941.211	3.051	0.001	23867.437	300.92	5.4	0.012325
	28	5943.550	3.051	0.001	23881.946	301.24	5.4	0.012325
	29	5945.889	3.051	0.001	23896.460	301.55	5.4	0.012325
36	30	5948.228	3.051	0.001	23910.981	301.86	5.4	0.012325
	31	5950.566	3.051	0.001	23925.509	302.18	5.4	0.012325
	32	5952.904	3.051	0.001	23940.042	302.49	5.4	0.012325
	33	5955.241	3.050	0.001	23954.582	302.81	5.4	0.012325
	34	5957.577	3.050	0.001	23969.128	303.12	5.4	0.012325
36	35	5959.913	3.050	0.001	23983.680	303.44	5.5	0.012325
	36	5962.249	3.050	0.001	23998.239	303.75	5.5	0.012325
	37	5964.584	3.050	0.001	24012.803	304.07	5.5	0.012325
	38	5966.918	3.050	0.001	24027.374	304.38	5.5	0.012325
	39	5969.252	3.050	0.001	24041.952	304.70	5.5	0.012325
36	40	5971.586	3.050	0.001	24056.535	305.02	5.5	0.012324
	41	5973.919	3.049	0.001	24071.125	305.33	5.5	0.012324
	42	5976.251	3.049	0.001	24085.722	305.65	5.5	0.012324
	43	5978.583	3.049	0.001	24100.324	305.97	5.5	0.012324
	44	5980.915	3.049	0.001	24114.933	306.29	5.5	0.012324
36	45	5983.246	3.049	0.001	24129.548	306.61	5.5	0.012324
	46	5985.577	3.049	0.001	24144.170	306.93	5.6	0.012324
	47	5987.906	3.048	0.001	24158.797	307.25	5.6	0.012324
	48	5990.236	3.048	0.001	24173.432	307.57	5.6	0.012324
	49	5992.565	3.048	0.001	24188.072	307.89	5.6	0.012324
36	50	5994.893	3.048	0.001	24202.719	308.21	5.6	0.012324
	51	5997.221	3.048	0.001	24217.372	308.53	5.6	0.012324
	52	5999.549	3.048	0.001	24232.032	308.85	5.6	0.012324
	53	6001.876	3.047	0.001	24246.698	309.17	5.6	0.012324
	54	6004.202	3.047	0.001	24261.370	309.50	5.6	0.012324
36	55	6006.528	3.047	0.001	24276.049	309.82	5.6	0.012324
	56	6008.854	3.047	0.001	24290.734	310.14	5.6	0.012324
	57	6011.179	3.047	0.001	24305.426	310.47	5.6	0.012324
	58	6013.503	3.047	0.001	24320.124	310.79	5.7	0.012324
	59	6015.827	3.046	0.001	24334.828	311.11	5.7	0.012324
37	00	6018.150	3.046	0.001	24349.539	311.44	5.7	0.012324

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
37	0	6018.150	3.046	0.001	24349.539	311.44	5.7	0.012324
	1	6020.473	3.046	0.001	24364.256	311.76	5.7	0.012323
	2	6022.795	3.046	0.001	24378.980	312.09	5.7	0.012323
	3	6025.117	3.046	0.001	24393.710	312.41	5.7	0.012323
	4	6027.439	3.046	0.001	24408.447	312.74	5.7	0.012323
37	5	6029.760	3.045	0.001	24423.190	313.07	5.7	0.012323
	6	6032.080	3.045	0.001	24437.939	313.39	5.7	0.012323
	7	6034.400	3.045	0.001	24452.695	313.72	5.7	0.012323
	8	6036.719	3.045	0.001	24467.457	314.05	5.8	0.012323
	9	6039.038	3.045	0.001	24482.226	314.38	5.8	0.012323
37	10	6041.356	3.044	0.001	24497.002	314.71	5.8	0.012323
	11	6043.674	3.044	0.001	24511.784	315.04	5.8	0.012323
	12	6045.991	3.044	0.001	24526.572	315.37	5.8	0.012323
	13	6048.308	3.044	0.001	24541.367	315.70	5.8	0.012323
	14	6050.624	3.044	0.001	24556.168	316.03	5.8	0.012323
37	15	6052.940	3.043	0.001	24570.976	316.36	5.8	0.012323
	16	6055.255	3.043	0.001	24585.791	316.69	5.8	0.012323
	17	6057.570	3.043	0.001	24600.612	317.02	5.8	0.012323
	18	6059.884	3.043	0.001	24615.439	317.35	5.8	0.012323
	19	6062.198	3.043	0.001	24630.274	317.68	5.9	0.012323
37	20	6064.511	3.042	0.001	24645.114	318.02	5.9	0.012323
	21	6066.824	3.042	0.001	24659.961	318.35	5.9	0.012323
	22	6069.136	3.042	0.001	24674.815	318.68	5.9	0.012323
	23	6071.447	3.042	0.001	24689.676	319.02	5.9	0.012322
	24	6073.758	3.042	0.001	24704.543	319.35	5.9	0.012322
37	25	6076.069	3.041	0.001	24719.416	319.68	5.9	0.012322
	26	6078.379	3.041	0.001	24734.296	320.02	5.9	0.012322
	27	6080.689	3.041	0.001	24749.183	320.35	5.9	0.012322
	28	6082.998	3.041	0.001	24764.077	320.69	5.9	0.012322
	29	6085.306	3.041	0.001	24778.977	321.03	5.9	0.012322
37	30	6087.614	3.040	0.001	24793.883	321.36	6.0	0.012322
	31	6089.922	3.040	0.001	24808.797	321.70	6.0	0.012322
	32	6092.229	3.040	0.001	24823.716	322.04	6.0	0.012322
	33	6094.535	3.040	0.001	24838.643	322.38	6.0	0.012322
	34	6096.841	3.039	0.001	24853.576	322.71	6.0	0.012322
37	35	6099.147	3.039	0.001	24868.516	323.05	6.0	0.012322
	36	6101.452	3.039	0.001	24883.463	323.39	6.0	0.012322
	37	6103.756	3.039	0.001	24898.416	323.73	6.0	0.012322
	38	6106.060	3.038	0.001	24913.376	324.07	6.0	0.012322
	39	6108.363	3.038	0.001	24928.342	324.41	6.0	0.012322
37	40	6110.666	3.038	0.001	24943.316	324.75	6.1	0.012322
	41	6112.969	3.038	0.001	24958.296	325.09	6.1	0.012322
	42	6115.270	3.038	0.001	24973.283	325.44	6.1	0.012322
	43	6117.572	3.037	0.001	24988.276	325.78	6.1	0.012322
	44	6119.873	3.037	0.001	25003.276	326.12	6.1	0.012321
37	45	6122.173	3.037	0.001	25018.283	326.46	6.1	0.012321
	46	6124.473	3.037	0.001	25033.297	326.81	6.1	0.012321
	47	6126.772	3.036	0.001	25048.317	327.15	6.1	0.012321
	48	6129.071	3.036	0.001	25063.344	327.49	6.1	0.012321
	49	6131.369	3.036	0.001	25078.378	327.84	6.1	0.012321
37	50	6133.666	3.036	0.001	25093.419	328.18	6.2	0.012321
	51	6135.964	3.035	0.001	25108.466	328.53	6.2	0.012321
	52	6138.260	3.035	0.001	25123.520	328.88	6.2	0.012321
	53	6140.556	3.035	0.001	25138.581	329.22	6.2	0.012321
	54	6142.852	3.035	0.001	25153.649	329.57	6.2	0.012321
37	55	6145.147	3.034	0.001	25168.724	329.92	6.2	0.012321
	56	6147.442	3.034	0.001	25183.805	330.26	6.2	0.012321
	57	6149.736	3.034	0.001	25198.894	330.61	6.2	0.012321
	58	6152.029	3.034	0.001	25213.989	330.96	6.2	0.012321
	59	6154.322	3.033	0.001	25229.091	331.31	6.2	0.012321
38	00	6156.615	3.033	0.001	25244.199	331.66	6.3	0.012321

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
38	0	6156.615	3.033	0.001	25244.199	331.66	6.3	0.012321
	1	6158.907	3.033	0.001	25259.315	332.01	6.3	0.012321
	2	6161.198	3.032	0.001	25274.437	332.36	6.3	0.012321
	3	6163.489	3.032	0.001	25289.567	332.71	6.3	0.012321
	4	6165.780	3.032	0.001	25304.703	333.06	6.3	0.012321
38	5	6168.069	3.032	0.001	25319.846	333.41	6.3	0.012321
	6	6170.359	3.031	0.001	25334.996	333.76	6.3	0.012320
	7	6172.648	3.031	0.001	25350.153	334.11	6.3	0.012320
	8	6174.936	3.031	0.001	25365.316	334.47	6.3	0.012320
	9	6177.224	3.031	0.001	25380.487	334.82	6.3	0.012320
38	10	6179.511	3.030	0.001	25395.665	335.17	6.4	0.012320
	11	6181.798	3.030	0.001	25410.849	335.53	6.4	0.012320
	12	6184.084	3.030	0.001	25426.041	335.88	6.4	0.012320
	13	6186.370	3.029	0.001	25441.239	336.24	6.4	0.012320
	14	6188.655	3.029	0.001	25456.444	336.59	6.4	0.012320
38	15	6190.939	3.029	0.001	25471.656	336.95	6.4	0.012320
	16	6193.224	3.029	0.001	25486.876	337.30	6.4	0.012320
	17	6195.507	3.028	0.001	25502.102	337.66	6.4	0.012320
	18	6197.790	3.028	0.001	25517.335	338.02	6.4	0.012320
	19	6200.073	3.028	0.001	25532.575	338.38	6.4	0.012320
38	20	6202.355	3.027	0.001	25547.822	338.73	6.5	0.012320
	21	6204.636	3.027	0.001	25563.076	339.09	6.5	0.012320
	22	6206.917	3.027	0.001	25578.337	339.45	6.5	0.012320
	23	6209.198	3.026	0.001	25593.605	339.81	6.5	0.012320
	24	6211.478	3.026	0.001	25608.880	340.17	6.5	0.012320
38	25	6213.757	3.026	0.001	25624.163	340.53	6.5	0.012320
	26	6216.036	3.026	0.001	25639.452	340.89	6.5	0.012320
	27	6218.314	3.025	0.001	25654.748	341.25	6.5	0.012319
	28	6220.592	3.025	0.001	25670.051	341.61	6.5	0.012319
	29	6222.870	3.025	0.001	25685.362	341.98	6.6	0.012319
38	30	6225.146	3.024	0.001	25700.679	342.34	6.6	0.012319
	31	6227.423	3.024	0.001	25716.003	342.70	6.6	0.012319
	32	6229.698	3.024	0.001	25731.335	343.06	6.6	0.012319
	33	6231.974	3.023	0.001	25746.673	343.43	6.6	0.012319
	34	6234.248	3.023	0.001	25762.019	343.79	6.6	0.012319
38	35	6236.522	3.023	0.001	25777.372	344.16	6.6	0.012319
	36	6238.796	3.022	0.001	25792.732	344.52	6.6	0.012319
	37	6241.069	3.022	0.001	25808.099	344.89	6.6	0.012319
	38	6243.342	3.022	0.001	25823.473	345.25	6.7	0.012319
	39	6245.614	3.021	0.001	25838.854	345.62	6.7	0.012319
38	40	6247.885	3.021	0.001	25854.243	345.99	6.7	0.012319
	41	6250.156	3.021	0.001	25869.638	346.35	6.7	0.012319
	42	6252.427	3.020	0.001	25885.041	346.72	6.7	0.012319
	43	6254.696	3.020	0.001	25900.451	347.09	6.7	0.012319
	44	6256.966	3.020	0.001	25915.868	347.46	6.7	0.012319
38	45	6259.235	3.019	0.001	25931.292	347.83	6.7	0.012319
	46	6261.503	3.019	0.001	25946.723	348.20	6.7	0.012319
	47	6263.771	3.019	0.001	25962.162	348.57	6.8	0.012319
	48	6266.038	3.018	0.001	25977.608	348.94	6.8	0.012318
	49	6268.305	3.018	0.001	25993.061	349.31	6.8	0.012318
38	50	6270.571	3.018	0.001	26008.521	349.68	6.8	0.012318
	51	6272.837	3.017	0.001	26023.988	350.05	6.8	0.012318
	52	6275.102	3.017	0.001	26039.463	350.43	6.8	0.012318
	53	6277.366	3.017	0.001	26054.945	350.80	6.8	0.012318
	54	6279.631	3.016	0.001	26070.434	351.17	6.8	0.012318
38	55	6281.894	3.016	0.001	26085.930	351.55	6.8	0.012318
	56	6284.157	3.016	0.001	26101.434	351.92	6.9	0.012318
	57	6286.420	3.015	0.001	26116.945	352.30	6.9	0.012318
	58	6288.682	3.015	0.001	26132.463	352.67	6.9	0.012318
	59	6290.943	3.015	0.001	26147.988	353.05	6.9	0.012318
39	00	6293.204	3.014	0.001	26163.521	353.42	6.9	0.012318

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
39	0	6293.204	3.014	0.001	26163.521	353.42	6.9	0.012318
	1	6295.464	3.014	0.001	26179.061	353.80	6.9	0.012318
	2	6297.724	3.014	0.001	26194.608	354.18	6.9	0.012318
	3	6299.983	3.013	0.001	26210.163	354.56	6.9	0.012318
	4	6302.242	3.013	0.001	26225.725	354.93	6.9	0.012318
39	5	6304.500	3.013	0.001	26241.294	355.31	7.0	0.012318
	6	6306.758	3.012	0.001	26256.871	355.69	7.0	0.012318
	7	6309.015	3.012	0.001	26272.455	356.07	7.0	0.012318
	8	6311.272	3.011	0.001	26288.046	356.45	7.0	0.012318
	9	6313.528	3.011	0.001	26303.645	356.83	7.0	0.012318
39	10	6315.784	3.011	0.001	26319.251	357.21	7.0	0.012317
	11	6318.039	3.010	0.001	26334.865	357.59	7.0	0.012317
	12	6320.293	3.010	0.001	26350.485	357.98	7.0	0.012317
	13	6322.547	3.010	0.001	26366.114	358.36	7.0	0.012317
	14	6324.800	3.009	0.001	26381.749	358.74	7.1	0.012317
39	15	6327.053	3.009	0.001	26397.392	359.13	7.1	0.012317
	16	6329.306	3.008	0.001	26413.043	359.51	7.1	0.012317
	17	6331.557	3.008	0.001	26428.701	359.89	7.1	0.012317
	18	6333.809	3.008	0.001	26444.366	360.28	7.1	0.012317
	19	6336.059	3.007	0.001	26460.039	360.66	7.1	0.012317
39	20	6338.310	3.007	0.001	26475.719	361.05	7.1	0.012317
	21	6340.559	3.007	0.001	26491.407	361.44	7.1	0.012317
	22	6342.808	3.006	0.001	26507.102	361.82	7.2	0.012317
	23	6345.057	3.006	0.001	26522.804	362.21	7.2	0.012317
	24	6347.305	3.005	0.001	26538.514	362.60	7.2	0.012317
39	25	6349.553	3.005	0.001	26554.232	362.99	7.2	0.012317
	26	6351.800	3.005	0.001	26569.957	363.38	7.2	0.012317
	27	6354.046	3.004	0.001	26585.690	363.77	7.2	0.012317
	28	6356.292	3.004	0.001	26601.430	364.16	7.2	0.012317
	29	6358.537	3.003	0.001	26617.177	364.55	7.2	0.012317
39	30	6360.782	3.003	0.001	26632.932	364.94	7.2	0.012317
	31	6363.026	3.003	0.001	26648.695	365.33	7.3	0.012316
	32	6365.270	3.002	0.001	26664.465	365.72	7.3	0.012316
	33	6367.513	3.002	0.001	26680.243	366.11	7.3	0.012316
	34	6369.756	3.001	0.001	26696.028	366.50	7.3	0.012316
39	35	6371.998	3.001	0.001	26711.821	366.90	7.3	0.012316
	36	6374.240	3.001	0.001	26727.622	367.29	7.3	0.012316
	37	6376.481	3.000	0.001	26743.430	367.69	7.3	0.012316
	38	6378.721	3.000	0.001	26759.245	368.08	7.3	0.012316
	39	6380.961	2.999	0.001	26775.069	368.48	7.4	0.012316
39	40	6383.201	2.999	0.001	26790.900	368.87	7.4	0.012316
	41	6385.440	2.999	0.001	26806.738	369.27	7.4	0.012316
	42	6387.678	2.998	0.001	26822.584	369.67	7.4	0.012316
	43	6389.916	2.998	0.001	26838.438	370.06	7.4	0.012316
	44	6392.153	2.997	0.001	26854.299	370.46	7.4	0.012316
39	45	6394.390	2.997	0.001	26870.168	370.86	7.4	0.012316
	46	6396.626	2.996	0.001	26886.045	371.26	7.4	0.012316
	47	6398.862	2.996	0.001	26901.929	371.66	7.5	0.012316
	48	6401.097	2.996	0.001	26917.821	372.06	7.5	0.012316
	49	6403.332	2.995	0.001	26933.721	372.46	7.5	0.012316
39	50	6405.566	2.995	0.001	26949.628	372.86	7.5	0.012316
	51	6407.799	2.994	0.001	26965.544	373.26	7.5	0.012316
	52	6410.032	2.994	0.001	26981.466	373.66	7.5	0.012315
	53	6412.264	2.994	0.001	26997.397	374.07	7.5	0.012315
	54	6414.496	2.993	0.001	27013.335	374.47	7.5	0.012315
39	55	6416.728	2.993	0.001	27029.281	374.87	7.6	0.012315
	56	6418.958	2.992	0.001	27045.235	375.28	7.6	0.012315
	57	6421.189	2.992	0.001	27061.196	375.68	7.6	0.012315
	58	6423.418	2.991	0.001	27077.166	376.09	7.6	0.012315
	59	6425.647	2.991	0.001	27093.143	376.49	7.6	0.012315
40	00	6427.876	2.990	0.001	27109.127	376.90	7.6	0.012315

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) KO=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=KO(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
40	0	6427.876	2.990	0.001	27109.127	376.90	7.6	0.012315
	1	6430.104	2.990	0.001	27125.120	377.30	7.6	0.012315
	2	6432.332	2.990	0.001	27141.120	377.71	7.6	0.012315
	3	6434.559	2.989	0.001	27157.129	378.12	7.7	0.012315
	4	6436.785	2.989	0.001	27173.145	378.53	7.7	0.012315
40	5	6439.011	2.988	0.001	27189.168	378.94	7.7	0.012315
	6	6441.236	2.988	0.001	27205.200	379.35	7.7	0.012315
	7	6443.461	2.987	0.001	27221.239	379.76	7.7	0.012315
	8	6445.685	2.987	0.001	27237.287	380.17	7.7	0.012315
	9	6447.909	2.986	0.001	27253.342	380.58	7.7	0.012315
40	10	6450.132	2.986	0.001	27269.405	380.99	7.8	0.012315
	11	6452.355	2.986	0.001	27285.476	381.40	7.8	0.012315
	12	6454.577	2.985	0.001	27301.555	381.81	7.8	0.012315
	13	6456.798	2.985	0.001	27317.641	382.23	7.8	0.012314
	14	6459.019	2.984	0.001	27333.736	382.64	7.8	0.012314
40	15	6461.240	2.984	0.001	27349.838	383.05	7.8	0.012314
	16	6463.460	2.983	0.001	27365.949	383.47	7.8	0.012314
	17	6465.679	2.983	0.001	27382.067	383.88	7.8	0.012314
	18	6467.898	2.982	0.001	27398.193	384.30	7.9	0.012314
	19	6470.116	2.982	0.001	27414.327	384.71	7.9	0.012314
40	20	6472.334	2.981	0.001	27430.469	385.13	7.9	0.012314
	21	6474.551	2.981	0.001	27446.619	385.55	7.9	0.012314
	22	6476.767	2.980	0.001	27462.777	385.97	7.9	0.012314
	23	6478.984	2.980	0.001	27478.943	386.39	7.9	0.012314
	24	6481.199	2.979	0.001	27495.117	386.80	7.9	0.012314
40	25	6483.414	2.979	0.001	27511.299	387.22	8.0	0.012314
	26	6485.628	2.979	0.001	27527.489	387.64	8.0	0.012314
	27	6487.842	2.978	0.001	27543.687	388.06	8.0	0.012314
	28	6490.056	2.978	0.001	27559.893	388.49	8.0	0.012314
	29	6492.268	2.977	0.001	27576.107	388.91	8.0	0.012314
40	30	6494.480	2.977	0.001	27592.329	389.33	8.0	0.012314
	31	6496.692	2.976	0.001	27608.559	389.75	8.0	0.012314
	32	6498.903	2.976	0.001	27624.797	390.18	8.0	0.012314
	33	6501.114	2.975	0.001	27641.044	390.60	8.1	0.012314
	34	6503.324	2.975	0.001	27657.298	391.02	8.1	0.012313
40	35	6505.533	2.974	0.001	27673.560	391.45	8.1	0.012313
	36	6507.742	2.974	0.001	27689.831	391.87	8.1	0.012313
	37	6509.951	2.973	0.001	27706.109	392.30	8.1	0.012313
	38	6512.158	2.973	0.001	27722.396	392.73	8.1	0.012313
	39	6514.366	2.972	0.001	27738.690	393.15	8.1	0.012313
40	40	6516.572	2.972	0.001	27754.993	393.58	8.2	0.012313
	41	6518.778	2.971	0.001	27771.304	394.01	8.2	0.012313
	42	6520.984	2.971	0.001	27787.623	394.44	8.2	0.012313
	43	6523.189	2.970	0.001	27803.951	394.87	8.2	0.012313
	44	6525.394	2.970	0.001	27820.286	395.30	8.2	0.012313
40	45	6527.598	2.969	0.001	27836.630	395.73	8.2	0.012313
	46	6529.801	2.969	0.001	27852.981	396.16	8.2	0.012313
	47	6532.004	2.968	0.001	27869.341	396.59	8.3	0.012313
	48	6534.206	2.968	0.001	27885.710	397.03	8.3	0.012313
	49	6536.408	2.967	0.001	27902.086	397.46	8.3	0.012313
40	50	6538.609	2.967	0.001	27918.470	397.89	8.3	0.012313
	51	6540.810	2.966	0.001	27934.863	398.33	8.3	0.012313
	52	6543.010	2.966	0.001	27951.264	398.76	8.3	0.012313
	53	6545.209	2.965	0.001	27967.673	399.20	8.3	0.012313
	54	6547.408	2.965	0.001	27984.091	399.63	8.4	0.012313
40	55	6549.607	2.964	0.001	28000.517	400.07	8.4	0.012312
	56	6551.804	2.964	0.001	28016.951	400.50	8.4	0.012312
	57	6554.002	2.963	0.001	28033.393	400.94	8.4	0.012312
	58	6556.198	2.963	0.001	28049.843	401.38	8.4	0.012312
	59	6558.395	2.962	0.001	28066.302	401.82	8.4	0.012312
41	00	6560.590	2.962	0.001	28082.769	402.26	8.4	0.012312

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
41	0	6560.590	2.962	0.001	28082.769	402.26	8.4	0.012312
	1	6562.785	2.961	0.001	28099.245	402.70	8.5	0.012312
	2	6564.980	2.960	0.001	28115.729	403.14	8.5	0.012312
	3	6567.174	2.960	0.001	28132.221	403.58	8.5	0.012312
	4	6569.367	2.959	0.001	28148.721	404.02	8.5	0.012312
41	5	6571.560	2.959	0.001	28165.230	404.46	8.5	0.012312
	6	6573.752	2.958	0.001	28181.747	404.91	8.5	0.012312
	7	6575.944	2.958	0.001	28198.273	405.35	8.5	0.012312
	8	6578.135	2.957	0.001	28214.807	405.79	8.6	0.012312
	9	6580.326	2.957	0.001	28231.349	406.24	8.6	0.012312
41	10	6582.516	2.956	0.001	28247.899	406.68	8.6	0.012312
	11	6584.706	2.956	0.001	28264.458	407.13	8.6	0.012312
	12	6586.895	2.955	0.001	28281.026	407.57	8.6	0.012312
	13	6589.083	2.955	0.001	28297.602	408.02	8.6	0.012312
	14	6591.271	2.954	0.001	28314.186	408.47	8.6	0.012312
41	15	6593.458	2.954	0.001	28330.779	408.92	8.7	0.012312
	16	6595.645	2.953	0.001	28347.380	409.36	8.7	0.012311
	17	6597.831	2.952	0.001	28363.990	409.81	8.7	0.012311
	18	6600.017	2.952	0.001	28380.608	410.26	8.7	0.012311
	19	6602.202	2.951	0.001	28397.234	410.71	8.7	0.012311
41	20	6604.386	2.951	0.001	28413.870	411.16	8.7	0.012311
	21	6606.570	2.950	0.001	28430.513	411.62	8.7	0.012311
	22	6608.754	2.950	0.001	28447.165	412.07	8.8	0.012311
	23	6610.936	2.949	0.001	28463.826	412.52	8.8	0.012311
	24	6613.119	2.949	0.001	28480.495	412.97	8.8	0.012311
41	25	6615.300	2.948	0.001	28497.173	413.43	8.8	0.012311
	26	6617.482	2.947	0.001	28513.859	413.88	8.8	0.012311
	27	6619.662	2.947	0.001	28530.553	414.34	8.8	0.012311
	28	6621.842	2.946	0.001	28547.257	414.79	8.9	0.012311
	29	6624.022	2.946	0.001	28563.969	415.25	8.9	0.012311
41	30	6626.200	2.945	0.001	28580.689	415.71	8.9	0.012311
	31	6628.379	2.945	0.001	28597.418	416.17	8.9	0.012311
	32	6630.557	2.944	0.001	28614.156	416.62	8.9	0.012311
	33	6632.734	2.944	0.001	28630.902	417.08	8.9	0.012311
	34	6634.910	2.943	0.001	28647.657	417.54	8.9	0.012311
41	35	6637.087	2.942	0.001	28664.420	418.00	9.0	0.012311
	36	6639.262	2.942	0.001	28681.192	418.46	9.0	0.012311
	37	6641.437	2.941	0.001	28697.973	418.92	9.0	0.012310
	38	6643.612	2.941	0.001	28714.763	419.39	9.0	0.012310
	39	6645.785	2.940	0.001	28731.561	419.85	9.0	0.012310
41	40	6647.959	2.939	0.001	28748.367	420.31	9.0	0.012310
	41	6650.131	2.939	0.001	28765.183	420.78	9.1	0.012310
	42	6652.304	2.938	0.001	28782.007	421.24	9.1	0.012310
	43	6654.475	2.938	0.001	28798.840	421.71	9.1	0.012310
	44	6656.646	2.937	0.001	28815.681	422.17	9.1	0.012310
41	45	6658.817	2.937	0.001	28832.532	422.64	9.1	0.012310
	46	6660.987	2.936	0.001	28849.391	423.10	9.1	0.012310
	47	6663.156	2.935	0.001	28866.258	423.57	9.2	0.012310
	48	6665.325	2.935	0.001	28883.135	424.04	9.2	0.012310
	49	6667.493	2.934	0.001	28900.020	424.51	9.2	0.012310
41	50	6669.661	2.934	0.001	28916.914	424.98	9.2	0.012310
	51	6671.828	2.933	0.001	28933.817	425.45	9.2	0.012310
	52	6673.994	2.932	0.001	28950.729	425.92	9.2	0.012310
	53	6676.160	2.932	0.001	28967.649	426.39	9.2	0.012310
	54	6678.326	2.931	0.001	28984.578	426.86	9.3	0.012310
41	55	6680.490	2.931	0.001	29001.516	427.34	9.3	0.012310
	56	6682.655	2.930	0.001	29018.463	427.81	9.3	0.012310
	57	6684.818	2.929	0.001	29035.419	428.28	9.3	0.012310
	58	6686.981	2.929	0.001	29052.383	428.76	9.3	0.012309
	59	6689.144	2.928	0.001	29069.357	429.23	9.3	0.012309
42	00	6691.306	2.928	0.001	29086.339	429.71	9.4	0.012309

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
42	0	6691.306	2.928	0.001	29086.339	429.71	9.4	0.012309
	1	6693.468	2.927	0.001	29103.330	430.18	9.4	0.012309
	2	6695.628	2.926	0.001	29120.330	430.66	9.4	0.012309
	3	6697.789	2.926	0.001	29137.339	431.14	9.4	0.012309
	4	6699.948	2.925	0.001	29154.357	431.62	9.4	0.012309
42	5	6702.108	2.925	0.001	29171.384	432.10	9.4	0.012309
	6	6704.266	2.924	0.001	29188.419	432.58	9.5	0.012309
	7	6706.424	2.923	0.001	29205.464	433.06	9.5	0.012309
	8	6708.582	2.923	0.001	29222.518	433.54	9.5	0.012309
	9	6710.739	2.922	0.001	29239.580	434.02	9.5	0.012309
42	10	6712.895	2.922	0.001	29256.652	434.50	9.5	0.012309
	11	6715.051	2.921	0.001	29273.732	434.98	9.5	0.012309
	12	6717.206	2.920	0.001	29290.822	435.47	9.6	0.012309
	13	6719.361	2.920	0.001	29307.920	435.95	9.6	0.012309
	14	6721.515	2.919	0.001	29325.027	436.44	9.6	0.012309
42	15	6723.668	2.918	0.001	29342.144	436.92	9.6	0.012309
	16	6725.821	2.918	0.001	29359.269	437.41	9.6	0.012309
	17	6727.973	2.917	0.001	29376.404	437.90	9.6	0.012309
	18	6730.125	2.917	0.001	29393.548	438.38	9.7	0.012309
	19	6732.276	2.916	0.001	29410.700	438.87	9.7	0.012308
42	20	6734.427	2.915	0.001	29427.862	439.36	9.7	0.012308
	21	6736.577	2.915	0.001	29445.033	439.85	9.7	0.012308
	22	6738.727	2.914	0.001	29462.213	440.34	9.7	0.012308
	23	6740.876	2.913	0.001	29479.402	440.83	9.7	0.012308
	24	6743.024	2.913	0.001	29496.600	441.32	9.8	0.012308
42	25	6745.172	2.912	0.001	29513.807	441.82	9.8	0.012308
	26	6747.319	2.911	0.001	29531.023	442.31	9.8	0.012308
	27	6749.466	2.911	0.001	29548.249	442.80	9.8	0.012308
	28	6751.612	2.910	0.001	29565.483	443.30	9.8	0.012308
	29	6753.757	2.910	0.001	29582.727	443.79	9.9	0.012308
42	30	6755.902	2.909	0.001	29599.980	444.29	9.9	0.012308
	31	6758.046	2.908	0.001	29617.242	444.78	9.9	0.012308
	32	6760.190	2.908	0.001	29634.514	445.28	9.9	0.012308
	33	6762.333	2.907	0.001	29651.794	445.78	9.9	0.012308
	34	6764.476	2.906	0.001	29669.084	446.28	9.9	0.012308
42	35	6766.618	2.906	0.001	29686.383	446.78	10.0	0.012308
	36	6768.760	2.905	0.001	29703.691	447.28	10.0	0.012308
	37	6770.901	2.904	0.001	29721.009	447.78	10.0	0.012308
	38	6773.041	2.904	0.001	29738.335	448.28	10.0	0.012308
	39	6775.181	2.903	0.001	29755.671	448.78	10.0	0.012308
42	40	6777.320	2.902	0.001	29773.016	449.28	10.0	0.012307
	41	6779.459	2.902	0.001	29790.371	449.78	10.1	0.012307
	42	6781.597	2.901	0.001	29807.735	450.29	10.1	0.012307
	43	6783.734	2.900	0.001	29825.108	450.79	10.1	0.012307
	44	6785.871	2.900	0.001	29842.490	451.30	10.1	0.012307
42	45	6788.007	2.899	0.001	29859.882	451.80	10.1	0.012307
	46	6790.143	2.898	0.001	29877.283	452.31	10.2	0.012307
	47	6792.278	2.898	0.001	29894.694	452.82	10.2	0.012307
	48	6794.413	2.897	0.001	29912.113	453.33	10.2	0.012307
	49	6796.547	2.896	0.001	29929.543	453.83	10.2	0.012307
42	50	6798.681	2.896	0.001	29946.981	454.34	10.2	0.012307
	51	6800.813	2.895	0.001	29964.429	454.85	10.2	0.012307
	52	6802.946	2.894	0.001	29981.886	455.37	10.3	0.012307
	53	6805.078	2.894	0.001	29999.353	455.88	10.3	0.012307
	54	6807.209	2.893	0.001	30016.829	456.39	10.3	0.012307
42	55	6809.339	2.892	0.001	30034.315	456.90	10.3	0.012307
	56	6811.469	2.892	0.001	30051.810	457.42	10.3	0.012307
	57	6813.599	2.891	0.001	30069.314	457.93	10.4	0.012307
	58	6815.728	2.890	0.001	30086.828	458.44	10.4	0.012307
	59	6817.856	2.890	0.001	30104.352	458.96	10.4	0.012307
43	00	6819.984	2.889	0.001	30121.885	459.48	10.4	0.012307

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
43	0	6819.984	2.889	0.001	30121.885	459.48	10.4	0.012307
	1	6822.111	2.888	0.001	30139.427	459.99	10.4	0.012306
	2	6824.237	2.888	0.001	30156.979	460.51	10.4	0.012306
	3	6826.363	2.887	0.001	30174.540	461.03	10.5	0.012306
	4	6828.489	2.886	0.001	30192.111	461.55	10.5	0.012306
43	5	6830.613	2.886	0.001	30209.692	462.07	10.5	0.012306
	6	6832.738	2.885	0.001	30227.282	462.59	10.5	0.012306
	7	6834.861	2.884	0.001	30244.881	463.11	10.5	0.012306
	8	6836.984	2.884	0.001	30262.490	463.64	10.6	0.012306
	9	6839.107	2.883	0.001	30280.109	464.16	10.6	0.012306
43	10	6841.229	2.882	0.001	30297.738	464.68	10.6	0.012306
	11	6843.350	2.881	0.001	30315.375	465.21	10.6	0.012306
	12	6845.471	2.881	0.001	30333.023	465.73	10.6	0.012306
	13	6847.591	2.880	0.001	30350.680	466.26	10.7	0.012306
	14	6849.711	2.879	0.001	30368.347	466.78	10.7	0.012306
43	15	6851.830	2.879	0.001	30386.023	467.31	10.7	0.012306
	16	6853.948	2.878	0.001	30403.710	467.84	10.7	0.012306
	17	6856.066	2.877	0.001	30421.405	468.37	10.7	0.012306
	18	6858.184	2.877	0.001	30439.111	468.90	10.7	0.012306
	19	6860.300	2.876	0.001	30456.826	469.43	10.8	0.012306
43	20	6862.416	2.875	0.001	30474.551	469.96	10.8	0.012306
	21	6864.532	2.874	0.001	30492.285	470.49	10.8	0.012306
	22	6866.647	2.874	0.001	30510.030	471.02	10.8	0.012305
	23	6868.761	2.873	0.001	30527.784	471.56	10.8	0.012305
	24	6870.875	2.872	0.001	30545.547	472.09	10.9	0.012305
43	25	6872.988	2.872	0.001	30563.321	472.63	10.9	0.012305
	26	6875.101	2.871	0.001	30581.104	473.16	10.9	0.012305
	27	6877.213	2.870	0.001	30598.897	473.70	10.9	0.012305
	28	6879.325	2.869	0.001	30616.700	474.23	10.9	0.012305
	29	6881.435	2.869	0.001	30634.513	474.77	11.0	0.012305
43	30	6883.546	2.868	0.001	30652.335	475.31	11.0	0.012305
	31	6885.655	2.867	0.001	30670.168	475.85	11.0	0.012305
	32	6887.765	2.867	0.001	30688.010	476.39	11.0	0.012305
	33	6889.873	2.866	0.001	30705.862	476.93	11.0	0.012305
	34	6891.981	2.865	0.001	30723.724	477.47	11.1	0.012305
43	35	6894.089	2.864	0.001	30741.595	478.02	11.1	0.012305
	36	6896.195	2.864	0.001	30759.477	478.56	11.1	0.012305
	37	6898.302	2.863	0.001	30777.368	479.10	11.1	0.012305
	38	6900.407	2.862	0.001	30795.270	479.65	11.1	0.012305
	39	6902.512	2.861	0.001	30813.181	480.19	11.2	0.012305
43	40	6904.617	2.861	0.001	30831.102	480.74	11.2	0.012305
	41	6906.721	2.860	0.001	30849.033	481.29	11.2	0.012305
	42	6908.824	2.859	0.001	30866.974	481.83	11.2	0.012304
	43	6910.927	2.858	0.001	30884.925	482.38	11.2	0.012304
	44	6913.029	2.858	0.001	30902.886	482.93	11.3	0.012304
43	45	6915.131	2.857	0.001	30920.857	483.48	11.3	0.012304
	46	6917.232	2.856	0.001	30938.838	484.03	11.3	0.012304
	47	6919.332	2.856	0.001	30956.829	484.58	11.3	0.012304
	48	6921.432	2.855	0.001	30974.830	485.14	11.3	0.012304
	49	6923.531	2.854	0.001	30992.841	485.69	11.4	0.012304
43	50	6925.630	2.853	0.001	31010.862	486.24	11.4	0.012304
	51	6927.728	2.853	0.001	31028.894	486.80	11.4	0.012304
	52	6929.825	2.852	0.001	31046.935	487.35	11.4	0.012304
	53	6931.922	2.851	0.001	31064.986	487.91	11.4	0.012304
	54	6934.018	2.850	0.001	31083.047	488.47	11.5	0.012304
43	55	6936.114	2.850	0.001	31101.119	489.02	11.5	0.012304
	56	6938.209	2.849	0.001	31119.200	489.58	11.5	0.012304
	57	6940.304	2.848	0.001	31137.292	490.14	11.5	0.012304
	58	6942.398	2.847	0.001	31155.394	490.70	11.6	0.012304
	59	6944.491	2.847	0.001	31173.506	491.26	11.6	0.012304
44	00	6946.584	2.846	0.001	31191.628	491.82	11.6	0.012304

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
44	0	6946.584	2.846	0.001	31191.628	491.82	11.6	0.012304
	1	6948.676	2.845	0.001	31209.760	492.39	11.6	0.012304
	2	6950.767	2.844	0.001	31227.902	492.95	11.6	0.012304
	3	6952.858	2.843	0.001	31246.055	493.51	11.7	0.012303
	4	6954.949	2.843	0.001	31264.218	494.08	11.7	0.012303
44	5	6957.039	2.842	0.001	31282.391	494.65	11.7	0.012303
	6	6959.128	2.841	0.001	31300.574	495.21	11.7	0.012303
	7	6961.217	2.840	0.001	31318.768	495.78	11.7	0.012303
	8	6963.305	2.840	0.001	31336.971	496.35	11.8	0.012303
	9	6965.392	2.839	0.001	31355.185	496.92	11.8	0.012303
44	10	6967.479	2.838	0.001	31373.410	497.49	11.8	0.012303
	11	6969.565	2.837	0.001	31391.644	498.06	11.8	0.012303
	12	6971.651	2.837	0.001	31409.889	498.63	11.8	0.012303
	13	6973.736	2.836	0.001	31428.144	499.20	11.9	0.012303
	14	6975.821	2.835	0.001	31446.410	499.77	11.9	0.012303
44	15	6977.905	2.834	0.001	31464.685	500.35	11.9	0.012303
	16	6979.988	2.833	0.001	31482.972	500.92	11.9	0.012303
	17	6982.071	2.833	0.001	31501.268	501.50	12.0	0.012303
	18	6984.153	2.832	0.001	31519.575	502.07	12.0	0.012303
	19	6986.234	2.831	0.001	31537.892	502.65	12.0	0.012303
44	20	6988.315	2.830	0.001	31556.220	503.23	12.0	0.012303
	21	6990.396	2.830	0.001	31574.558	503.81	12.0	0.012303
	22	6992.476	2.829	0.001	31592.906	504.39	12.1	0.012303
	23	6994.555	2.828	0.001	31611.265	504.97	12.1	0.012303
	24	6996.633	2.827	0.001	31629.634	505.55	12.1	0.012302
44	25	6998.711	2.826	0.001	31648.014	506.13	12.1	0.012302
	26	7000.789	2.826	0.001	31666.404	506.72	12.2	0.012302
	27	7002.866	2.825	0.001	31684.805	507.30	12.2	0.012302
	28	7004.942	2.824	0.001	31703.216	507.88	12.2	0.012302
	29	7007.018	2.823	0.001	31721.638	508.47	12.2	0.012302
44	30	7009.093	2.822	0.001	31740.070	509.06	12.2	0.012302
	31	7011.167	2.822	0.001	31758.513	509.64	12.3	0.012302
	32	7013.241	2.821	0.001	31776.966	510.23	12.3	0.012302
	33	7015.314	2.820	0.001	31795.430	510.82	12.3	0.012302
	34	7017.387	2.819	0.001	31813.904	511.41	12.3	0.012302
44	35	7019.459	2.818	0.001	31832.389	512.00	12.4	0.012302
	36	7021.531	2.818	0.001	31850.884	512.59	12.4	0.012302
	37	7023.601	2.817	0.001	31869.391	513.18	12.4	0.012302
	38	7025.672	2.816	0.001	31887.907	513.78	12.4	0.012302
	39	7027.741	2.815	0.001	31906.435	514.37	12.5	0.012302
44	40	7029.811	2.814	0.001	31924.973	514.97	12.5	0.012302
	41	7031.879	2.814	0.001	31943.521	515.56	12.5	0.012302
	42	7033.947	2.813	0.001	31962.080	516.16	12.5	0.012302
	43	7036.014	2.812	0.001	31980.650	516.76	12.5	0.012302
	44	7038.081	2.811	0.001	31999.231	517.35	12.6	0.012302
44	45	7040.147	2.810	0.001	32017.822	517.95	12.6	0.012301
	46	7042.213	2.810	0.001	32036.424	518.55	12.6	0.012301
	47	7044.278	2.809	0.001	32055.037	519.15	12.6	0.012301
	48	7046.342	2.808	0.001	32073.660	519.76	12.7	0.012301
	49	7048.406	2.807	0.001	32092.295	520.36	12.7	0.012301
44	50	7050.469	2.806	0.001	32110.939	520.96	12.7	0.012301
	51	7052.532	2.806	0.001	32129.595	521.57	12.7	0.012301
	52	7054.594	2.805	0.001	32148.262	522.17	12.8	0.012301
	53	7056.655	2.804	0.001	32166.939	522.78	12.8	0.012301
	54	7058.716	2.803	0.001	32185.627	523.38	12.8	0.012301
44	55	7060.776	2.802	0.001	32204.326	523.99	12.8	0.012301
	56	7062.835	2.801	0.001	32223.036	524.60	12.8	0.012301
	57	7064.894	2.801	0.001	32241.756	525.21	12.9	0.012301
	58	7066.953	2.800	0.001	32260.488	525.82	12.9	0.012301
	59	7069.011	2.799	0.001	32279.230	526.43	12.9	0.012301
45	00	7071.068	2.798	0.001	32297.983	527.04	12.9	0.012301

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
45	0	7071.068	2.798	0.001	32297.983	527.04	12.9	0.012301
	1	7073.124	2.797	0.001	32316.747	527.66	13.0	0.012301
	2	7075.180	2.796	0.001	32335.522	528.27	13.0	0.012301
	3	7077.236	2.796	0.001	32354.308	528.89	13.0	0.012301
	4	7079.291	2.795	0.001	32373.105	529.50	13.0	0.012301
45	5	7081.345	2.794	0.001	32391.913	530.12	13.1	0.012301
	6	7083.398	2.793	0.001	32410.732	530.74	13.1	0.012300
	7	7085.451	2.792	0.001	32429.562	531.36	13.1	0.012300
	8	7087.504	2.791	0.001	32448.402	531.98	13.1	0.012300
	9	7089.556	2.791	0.001	32467.254	532.60	13.2	0.012300
45	10	7091.607	2.790	0.001	32486.117	533.22	13.2	0.012300
	11	7093.657	2.789	0.001	32504.990	533.84	13.2	0.012300
	12	7095.707	2.788	0.001	32523.875	534.46	13.2	0.012300
	13	7097.757	2.787	0.001	32542.771	535.09	13.3	0.012300
	14	7099.806	2.786	0.001	32561.678	535.71	13.3	0.012300
45	15	7101.854	2.786	0.001	32580.596	536.34	13.3	0.012300
	16	7103.901	2.785	0.001	32599.525	536.96	13.3	0.012300
	17	7105.948	2.784	0.001	32618.465	537.59	13.4	0.012300
	18	7107.995	2.783	0.001	32637.416	538.22	13.4	0.012300
	19	7110.041	2.782	0.001	32656.379	538.85	13.4	0.012300
45	20	7112.086	2.781	0.001	32675.352	539.48	13.4	0.012300
	21	7114.130	2.780	0.001	32694.337	540.11	13.5	0.012300
	22	7116.174	2.780	0.001	32713.333	540.74	13.5	0.012300
	23	7118.218	2.779	0.001	32732.340	541.38	13.5	0.012300
	24	7120.260	2.778	0.001	32751.358	542.01	13.5	0.012300
45	25	7122.303	2.777	0.001	32770.388	542.65	13.6	0.012300
	26	7124.344	2.776	0.001	32789.428	543.28	13.6	0.012300
	27	7126.385	2.775	0.001	32808.480	543.92	13.6	0.012299
	28	7128.426	2.774	0.001	32827.543	544.56	13.6	0.012299
	29	7130.465	2.774	0.001	32846.618	545.20	13.7	0.012299
45	30	7132.504	2.773	0.001	32865.703	545.84	13.7	0.012299
	31	7134.543	2.772	0.001	32884.800	546.48	13.7	0.012299
	32	7136.581	2.771	0.001	32903.909	547.12	13.7	0.012299
	33	7138.618	2.770	0.001	32923.028	547.76	13.8	0.012299
	34	7140.655	2.769	0.001	32942.159	548.40	13.8	0.012299
45	35	7142.691	2.768	0.001	32961.301	549.05	13.8	0.012299
	36	7144.727	2.767	0.001	32980.455	549.69	13.8	0.012299
	37	7146.762	2.767	0.001	32999.620	550.34	13.9	0.012299
	38	7148.796	2.766	0.001	33018.796	550.99	13.9	0.012299
	39	7150.830	2.765	0.001	33037.984	551.64	13.9	0.012299
45	40	7152.863	2.764	0.001	33057.183	552.28	14.0	0.012299
	41	7154.895	2.763	0.001	33076.393	552.93	14.0	0.012299
	42	7156.927	2.762	0.001	33095.615	553.59	14.0	0.012299
	43	7158.959	2.761	0.001	33114.849	554.24	14.0	0.012299
	44	7160.989	2.760	0.001	33134.094	554.89	14.1	0.012299
45	45	7163.019	2.760	0.001	33153.350	555.55	14.1	0.012299
	46	7165.049	2.759	0.001	33172.618	556.20	14.1	0.012299
	47	7167.078	2.758	0.001	33191.897	556.86	14.1	0.012298
	48	7169.106	2.757	0.001	33211.188	557.51	14.2	0.012298
	49	7171.134	2.756	0.001	33230.490	558.17	14.2	0.012298
45	50	7173.161	2.755	0.001	33249.804	558.83	14.2	0.012298
	51	7175.187	2.754	0.001	33269.130	559.49	14.2	0.012298
	52	7177.213	2.753	0.001	33288.467	560.15	14.3	0.012298
	53	7179.238	2.752	0.001	33307.815	560.81	14.3	0.012298
	54	7181.263	2.752	0.001	33327.175	561.48	14.3	0.012298
45	55	7183.287	2.751	0.001	33346.547	562.14	14.4	0.012298
	56	7185.310	2.750	0.001	33365.931	562.80	14.4	0.012298
	57	7187.333	2.749	0.001	33385.326	563.47	14.4	0.012298
	58	7189.355	2.748	0.001	33404.732	564.14	14.4	0.012298
	59	7191.377	2.747	0.001	33424.151	564.80	14.5	0.012298
46	00	7193.398	2.746	0.001	33443.581	565.47	14.5	0.012298

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
46	0	7193.398	2.746	0.001	33443.581	565.47	14.5	0.012298
	1	7195.418	2.745	0.001	33463.022	566.14	14.5	0.012298
	2	7197.438	2.744	0.001	33482.476	566.81	14.5	0.012298
	3	7199.457	2.743	0.001	33501.941	567.49	14.6	0.012298
	4	7201.476	2.743	0.001	33521.418	568.16	14.6	0.012298
46	5	7203.494	2.742	0.001	33540.907	568.83	14.6	0.012298
	6	7205.511	2.741	0.001	33560.407	569.51	14.7	0.012298
	7	7207.528	2.740	0.001	33579.919	570.18	14.7	0.012298
	8	7209.544	2.739	0.001	33599.443	570.86	14.7	0.012297
	9	7211.559	2.738	0.001	33618.979	571.54	14.7	0.012297
46	10	7213.574	2.737	0.001	33638.526	572.22	14.8	0.012297
	11	7215.589	2.736	0.001	33658.086	572.90	14.8	0.012297
	12	7217.602	2.735	0.001	33677.657	573.58	14.8	0.012297
	13	7219.615	2.734	0.001	33697.240	574.26	14.9	0.012297
	14	7221.628	2.733	0.001	33716.835	574.94	14.9	0.012297
46	15	7223.640	2.733	0.001	33736.442	575.63	14.9	0.012297
	16	7225.651	2.732	0.001	33756.061	576.31	14.9	0.012297
	17	7227.661	2.731	0.001	33775.692	577.00	15.0	0.012297
	18	7229.671	2.730	0.001	33795.334	577.68	15.0	0.012297
	19	7231.681	2.729	0.001	33814.989	578.37	15.0	0.012297
46	20	7233.690	2.728	0.001	33834.655	579.06	15.1	0.012297
	21	7235.698	2.727	0.001	33854.334	579.75	15.1	0.012297
	22	7237.705	2.726	0.001	33874.024	580.44	15.1	0.012297
	23	7239.712	2.725	0.001	33893.727	581.13	15.1	0.012297
	24	7241.719	2.724	0.001	33913.441	581.83	15.2	0.012297
46	25	7243.724	2.723	0.001	33933.168	582.52	15.2	0.012297
	26	7245.729	2.722	0.001	33952.907	583.22	15.2	0.012297
	27	7247.734	2.722	0.001	33972.657	583.91	15.3	0.012297
	28	7249.738	2.721	0.001	33992.420	584.61	15.3	0.012297
	29	7251.741	2.720	0.001	34012.195	585.31	15.3	0.012296
46	30	7253.744	2.719	0.001	34031.982	586.01	15.3	0.012296
	31	7255.746	2.718	0.001	34051.781	586.71	15.4	0.012296
	32	7257.747	2.717	0.001	34071.592	587.41	15.4	0.012296
	33	7259.748	2.716	0.001	34091.415	588.11	15.4	0.012296
	34	7261.748	2.715	0.001	34111.251	588.82	15.5	0.012296
46	35	7263.748	2.714	0.001	34131.098	589.52	15.5	0.012296
	36	7265.747	2.713	0.001	34150.958	590.23	15.5	0.012296
	37	7267.745	2.712	0.001	34170.830	590.93	15.5	0.012296
	38	7269.743	2.711	0.001	34190.714	591.64	15.6	0.012296
	39	7271.740	2.710	0.001	34210.611	592.35	15.6	0.012296
46	40	7273.736	2.709	0.001	34230.520	593.06	15.6	0.012296
	41	7275.732	2.708	0.001	34250.441	593.77	15.7	0.012296
	42	7277.728	2.707	0.001	34270.374	594.49	15.7	0.012296
	43	7279.722	2.707	0.001	34290.319	595.20	15.7	0.012296
	44	7281.716	2.706	0.001	34310.277	595.91	15.8	0.012296
46	45	7283.710	2.705	0.001	34330.248	596.63	15.8	0.012296
	46	7285.703	2.704	0.001	34350.230	597.35	15.8	0.012296
	47	7287.695	2.703	0.001	34370.225	598.06	15.9	0.012296
	48	7289.686	2.702	0.001	34390.232	598.78	15.9	0.012296
	49	7291.677	2.701	0.001	34410.252	599.50	15.9	0.012296
46	50	7293.668	2.700	0.001	34430.284	600.22	15.9	0.012295
	51	7295.657	2.699	0.001	34450.328	600.95	16.0	0.012295
	52	7297.646	2.698	0.001	34470.385	601.67	16.0	0.012295
	53	7299.635	2.697	0.001	34490.455	602.39	16.0	0.012295
	54	7301.623	2.696	0.001	34510.536	603.12	16.1	0.012295
46	55	7303.610	2.695	0.001	34530.631	603.84	16.1	0.012295
	56	7305.597	2.694	0.001	34550.737	604.57	16.1	0.012295
	57	7307.583	2.693	0.000	34570.856	605.30	16.2	0.012295
	58	7309.568	2.692	0.000	34590.988	606.03	16.2	0.012295
	59	7311.553	2.691	0.000	34611.133	606.76	16.2	0.012295
47	00	7313.537	2.690	0.000	34631.289	607.49	16.3	0.012295

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
47	0	7313.537	2.690	0.000	34631.289	607.49	16.3	0.012295
	1	7315.521	2.689	0.000	34651.459	608.23	16.3	0.012295
	2	7317.503	2.688	0.000	34671.641	608.96	16.3	0.012295
	3	7319.486	2.687	0.000	34691.835	609.70	16.4	0.012295
	4	7321.467	2.686	0.000	34712.042	610.43	16.4	0.012295
47	5	7323.449	2.685	0.000	34732.262	611.17	16.4	0.012295
	6	7325.429	2.684	0.000	34752.495	611.91	16.4	0.012295
	7	7327.409	2.683	0.000	34772.740	612.65	16.5	0.012295
	8	7329.388	2.683	0.000	34792.998	613.39	16.5	0.012295
	9	7331.367	2.682	0.000	34813.268	614.13	16.5	0.012295
47	10	7333.345	2.681	0.000	34833.551	614.88	16.6	0.012295
	11	7335.322	2.680	0.000	34853.847	615.62	16.6	0.012294
	12	7337.299	2.679	0.000	34874.156	616.37	16.6	0.012294
	13	7339.275	2.678	0.000	34894.477	617.11	16.7	0.012294
	14	7341.250	2.677	0.000	34914.811	617.86	16.7	0.012294
47	15	7343.225	2.676	0.000	34935.158	618.61	16.7	0.012294
	16	7345.199	2.675	0.000	34955.517	619.36	16.8	0.012294
	17	7347.173	2.674	0.000	34975.890	620.11	16.8	0.012294
	18	7349.146	2.673	0.000	34996.275	620.86	16.8	0.012294
	19	7351.118	2.672	0.000	35016.673	621.62	16.9	0.012294
47	20	7353.090	2.671	0.000	35037.084	622.37	16.9	0.012294
	21	7355.061	2.670	0.000	35057.508	623.13	16.9	0.012294
	22	7357.032	2.659	0.000	35077.945	623.89	17.0	0.012294
	23	7359.002	2.668	0.000	35098.395	624.64	17.0	0.012294
	24	7360.971	2.667	0.000	35118.857	625.40	17.0	0.012294
47	25	7362.940	2.666	0.000	35139.333	626.16	17.1	0.012294
	26	7364.908	2.665	0.000	35159.821	626.93	17.1	0.012294
	27	7366.875	2.664	0.000	35180.323	627.69	17.1	0.012294
	28	7368.842	2.663	0.000	35200.837	628.45	17.2	0.012294
	29	7370.808	2.662	0.000	35221.364	629.22	17.2	0.012294
47	30	7372.773	2.661	0.000	35241.905	629.99	17.2	0.012294
	31	7374.738	2.660	0.000	35262.458	630.75	17.3	0.012294
	32	7376.703	2.659	0.000	35283.025	631.52	17.3	0.012293
	33	7378.666	2.658	0.000	35303.604	632.29	17.3	0.012293
	34	7380.629	2.657	0.000	35324.197	633.06	17.4	0.012293
47	35	7382.592	2.656	0.000	35344.803	633.84	17.4	0.012293
	36	7384.553	2.655	0.000	35365.421	634.61	17.4	0.012293
	37	7386.515	2.654	0.000	35386.053	635.39	17.5	0.012293
	38	7388.475	2.653	0.000	35406.698	636.16	17.5	0.012293
	39	7390.435	2.652	0.000	35427.357	636.94	17.5	0.012293
47	40	7392.394	2.651	0.000	35448.028	637.72	17.6	0.012293
	41	7394.353	2.650	0.000	35468.713	638.50	17.6	0.012293
	42	7396.311	2.649	0.000	35489.410	639.28	17.6	0.012293
	43	7398.268	2.648	0.000	35510.121	640.06	17.7	0.012293
	44	7400.225	2.647	0.000	35530.846	640.84	17.7	0.012293
47	45	7402.181	2.646	0.000	35551.583	641.63	17.8	0.012293
	46	7404.137	2.645	0.000	35572.334	642.41	17.8	0.012293
	47	7406.092	2.644	0.000	35593.098	643.20	17.8	0.012293
	48	7408.046	2.643	0.000	35613.875	643.99	17.9	0.012293
	49	7410.000	2.642	0.000	35634.666	644.78	17.9	0.012293
47	50	7411.953	2.641	0.000	35655.470	645.57	17.9	0.012293
	51	7413.905	2.640	0.000	35676.288	646.36	18.0	0.012293
	52	7415.857	2.639	0.000	35697.118	647.16	18.0	0.012292
	53	7417.808	2.638	0.000	35717.962	647.95	18.0	0.012292
	54	7419.758	2.637	0.000	35738.820	648.75	18.1	0.012292
47	55	7421.708	2.636	0.000	35759.691	649.54	18.1	0.012292
	56	7423.658	2.635	0.000	35780.575	650.34	18.1	0.012292
	57	7425.606	2.634	0.000	35801.473	651.14	18.2	0.012292
	58	7427.554	2.633	0.000	35822.385	651.94	18.2	0.012292
	59	7429.502	2.632	0.000	35843.309	652.74	18.3	0.012292
48	00	7431.448	2.631	0.000	35864.248	653.55	18.3	0.012292

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
48	0	7431.448	2.631	0.000	35864.248	653.55	18.3	0.012292
	1	7433.394	2.630	0.000	35885.199	654.35	18.3	0.012292
	2	7435.340	2.628	0.000	35906.165	655.16	18.4	0.012292
	3	7437.285	2.627	0.000	35927.144	655.96	18.4	0.012292
	4	7439.229	2.626	0.000	35948.136	656.77	18.4	0.012292
48	5	7441.173	2.625	0.000	35969.142	657.58	18.5	0.012292
	6	7443.115	2.624	0.000	35990.162	658.39	18.5	0.012292
	7	7445.058	2.623	0.000	36011.195	659.20	18.5	0.012292
	8	7446.999	2.622	0.000	36032.242	660.02	18.6	0.012292
	9	7448.941	2.621	0.000	36053.302	660.83	18.6	0.012292
48	10	7450.881	2.620	0.000	36074.377	661.65	18.7	0.012292
	11	7452.821	2.619	0.000	36095.465	662.46	18.7	0.012292
	12	7454.760	2.618	0.000	36116.566	663.28	18.7	0.012292
	13	7456.699	2.617	0.000	36137.682	664.10	18.8	0.012291
	14	7458.636	2.616	0.000	36158.811	664.92	18.8	0.012291
48	15	7460.574	2.615	0.000	36179.953	665.75	18.8	0.012291
	16	7462.510	2.614	0.000	36201.110	666.57	18.9	0.012291
	17	7464.446	2.613	0.000	36222.280	667.39	18.9	0.012291
	18	7466.382	2.612	0.000	36243.464	668.22	19.0	0.012291
	19	7468.317	2.611	0.000	36264.662	669.05	19.0	0.012291
48	20	7470.251	2.610	0.000	36285.874	669.88	19.0	0.012291
	21	7472.184	2.609	0.000	36307.100	670.71	19.1	0.012291
	22	7474.117	2.608	0.000	36328.340	671.54	19.1	0.012291
	23	7476.049	2.607	0.000	36349.593	672.37	19.1	0.012291
	24	7477.981	2.606	0.000	36370.860	673.21	19.2	0.012291
48	25	7479.912	2.605	0.000	36392.142	674.04	19.2	0.012291
	26	7481.842	2.604	0.000	36413.437	674.88	19.3	0.012291
	27	7483.772	2.602	0.000	36434.746	675.72	19.3	0.012291
	28	7485.701	2.601	0.000	36456.069	676.56	19.3	0.012291
	29	7487.629	2.600	0.000	36477.406	677.40	19.4	0.012291
48	30	7489.557	2.599	0.000	36498.758	678.24	19.4	0.012291
	31	7491.484	2.598	0.000	36520.123	679.08	19.5	0.012291
	32	7493.411	2.597	0.000	36541.502	679.93	19.5	0.012291
	33	7495.337	2.596	0.000	36562.895	680.77	19.5	0.012291
	34	7497.262	2.595	0.000	36584.303	681.62	19.6	0.012290
48	35	7499.187	2.594	0.000	36605.724	682.47	19.6	0.012290
	36	7501.111	2.593	0.000	36627.160	683.32	19.7	0.012290
	37	7503.034	2.592	0.000	36648.609	684.17	19.7	0.012290
	38	7504.957	2.591	0.000	36670.073	685.02	19.7	0.012290
	39	7506.879	2.590	0.000	36691.551	685.88	19.8	0.012290
48	40	7508.800	2.589	0.000	36713.044	686.73	19.8	0.012290
	41	7510.721	2.588	0.000	36734.550	687.59	19.9	0.012290
	42	7512.641	2.587	0.000	36756.071	688.45	19.9	0.012290
	43	7514.561	2.586	0.000	36777.606	689.31	19.9	0.012290
	44	7516.480	2.584	0.000	36799.155	690.17	20.0	0.012290
48	45	7518.398	2.583	0.000	36820.718	691.03	20.0	0.012290
	46	7520.316	2.582	0.000	36842.296	691.90	20.1	0.012290
	47	7522.233	2.581	0.000	36863.888	692.76	20.1	0.012290
	48	7524.149	2.580	0.000	36885.494	693.63	20.1	0.012290
	49	7526.065	2.579	0.000	36907.115	694.49	20.2	0.012290
48	50	7527.980	2.578	0.000	36928.750	695.36	20.2	0.012290
	51	7529.894	2.577	0.000	36950.400	696.23	20.3	0.012290
	52	7531.808	2.576	0.000	36972.064	697.11	20.3	0.012290
	53	7533.721	2.575	0.000	36993.742	697.98	20.3	0.012290
	54	7535.634	2.574	0.000	37015.435	698.86	20.4	0.012290
48	55	7537.546	2.573	0.000	37037.142	699.73	20.4	0.012289
	56	7539.457	2.572	0.000	37058.864	700.61	20.5	0.012289
	57	7541.368	2.570	0.000	37080.600	701.49	20.5	0.012289
	58	7543.278	2.569	0.000	37102.350	702.37	20.5	0.012289
	59	7545.187	2.568	0.000	37124.116	703.25	20.6	0.012289
49	00	7547.096	2.567	0.000	37145.895	704.13	20.6	0.012289

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
49	0	7547.096	2.567	0.000	37145.895	704.13	20.6	0.012289
	1	7549.004	2.566	0.000	37167.690	705.02	20.7	0.012289
	2	7550.911	2.565	0.000	37189.499	705.91	20.7	0.012289
	3	7552.818	2.564	0.000	37211.322	706.79	20.8	0.012289
	4	7554.724	2.563	0.000	37233.160	707.68	20.8	0.012289
49	5	7556.630	2.562	0.000	37255.013	708.57	20.8	0.012289
	6	7558.535	2.561	0.000	37276.880	709.46	20.9	0.012289
	7	7560.439	2.560	0.000	37298.762	710.36	20.9	0.012289
	8	7562.343	2.559	0.000	37320.659	711.25	21.0	0.012289
	9	7564.246	2.557	0.000	37342.571	712.15	21.0	0.012289
49	10	7566.148	2.556	0.000	37364.497	713.05	21.1	0.012289
	11	7568.050	2.555	0.000	37386.438	713.95	21.1	0.012289
	12	7569.951	2.554	0.000	37408.394	714.85	21.1	0.012289
	13	7571.851	2.553	0.000	37430.364	715.75	21.2	0.012289
	14	7573.751	2.552	0.000	37452.350	716.65	21.2	0.012289
49	15	7575.650	2.551	0.000	37474.350	717.56	21.3	0.012289
	16	7577.548	2.550	0.000	37496.365	718.46	21.3	0.012288
	17	7579.446	2.549	0.000	37518.395	719.37	21.4	0.012288
	18	7581.343	2.548	0.000	37540.440	720.28	21.4	0.012288
	19	7583.240	2.546	0.000	37562.499	721.19	21.4	0.012288
49	20	7585.136	2.545	0.000	37584.574	722.10	21.5	0.012288
	21	7587.031	2.544	0.000	37606.663	723.02	21.5	0.012288
	22	7588.926	2.543	0.000	37628.768	723.93	21.6	0.012288
	23	7590.820	2.542	0.000	37650.887	724.85	21.6	0.012288
	24	7592.713	2.541	0.000	37673.022	725.77	21.7	0.012288
49	25	7594.606	2.540	0.000	37695.171	726.69	21.7	0.012288
	26	7596.498	2.539	0.000	37717.336	727.61	21.8	0.012288
	27	7598.389	2.538	0.000	37739.515	728.53	21.8	0.012288
	28	7600.280	2.537	0.000	37761.710	729.46	21.8	0.012288
	29	7602.170	2.535	0.000	37783.920	730.38	21.9	0.012288
49	30	7604.060	2.534	0.000	37806.144	731.31	21.9	0.012288
	31	7605.949	2.533	0.000	37828.384	732.24	22.0	0.012288
	32	7607.837	2.532	0.000	37850.640	733.17	22.0	0.012288
	33	7609.724	2.531	0.000	37872.910	734.10	22.1	0.012288
	34	7611.611	2.530	0.000	37895.195	735.03	22.1	0.012288
49	35	7613.497	2.529	0.000	37917.496	735.97	22.2	0.012288
	36	7615.383	2.528	0.000	37939.812	736.90	22.2	0.012288
	37	7617.268	2.526	0.000	37962.143	737.84	22.3	0.012287
	38	7619.152	2.525	0.000	37984.489	738.78	22.3	0.012287
	39	7621.036	2.524	0.000	38006.851	739.72	22.3	0.012287
49	40	7622.919	2.523	0.000	38029.228	740.66	22.4	0.012287
	41	7624.802	2.522	0.000	38051.620	741.61	22.4	0.012287
	42	7626.683	2.521	0.000	38074.028	742.55	22.5	0.012287
	43	7628.564	2.520	0.000	38096.451	743.50	22.5	0.012287
	44	7630.445	2.519	0.000	38118.889	744.45	22.6	0.012287
49	45	7632.325	2.518	0.000	38141.343	745.40	22.6	0.012287
	46	7634.204	2.516	0.000	38163.812	746.35	22.7	0.012287
	47	7636.082	2.515	0.000	38186.297	747.31	22.7	0.012287
	48	7637.960	2.514	0.000	38208.797	748.26	22.8	0.012287
	49	7639.838	2.513	0.000	38231.313	749.22	22.8	0.012287
49	50	7641.714	2.512	0.000	38253.844	750.17	22.9	0.012287
	51	7643.590	2.511	0.000	38276.391	751.13	22.9	0.012287
	52	7645.465	2.510	0.000	38298.953	752.10	23.0	0.012287
	53	7647.340	2.509	0.000	38321.531	753.06	23.0	0.012287
	54	7649.214	2.507	0.000	38344.124	754.02	23.1	0.012287
49	55	7651.087	2.506	0.000	38366.733	754.99	23.1	0.012287
	56	7652.960	2.505	0.000	38389.357	755.96	23.1	0.012287
	57	7654.832	2.504	0.000	38411.997	756.93	23.2	0.012287
	58	7656.704	2.503	0.000	38434.653	757.90	23.2	0.012287
	59	7658.574	2.502	0.000	38457.325	758.87	23.3	0.012286
50	00	7660.444	2.501	0.000	38480.012	759.84	23.3	0.012286

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
50	0	7660.444	2.501	0.000	38480.012	759.84	23.3	0.012286
	1	7662.314	2.499	0.000	38502.715	760.82	23.4	0.012286
	2	7664.183	2.498	0.000	38525.434	761.79	23.4	0.012286
	3	7666.051	2.497	0.000	38548.168	762.77	23.5	0.012286
	4	7667.918	2.496	0.000	38570.918	763.75	23.5	0.012286
50	5	7669.785	2.495	0.000	38593.684	764.74	23.6	0.012286
	6	7671.652	2.494	0.000	38616.466	765.72	23.6	0.012286
	7	7673.517	2.493	0.000	38639.264	766.70	23.7	0.012286
	8	7675.382	2.491	0.000	38662.077	767.69	23.7	0.012286
	9	7677.246	2.490	0.000	38684.907	768.68	23.8	0.012286
50	10	7679.110	2.489	0.000	38707.752	769.67	23.8	0.012286
	11	7680.973	2.488	0.000	38730.613	770.66	23.9	0.012286
	12	7682.835	2.487	0.000	38753.491	771.66	23.9	0.012286
	13	7684.697	2.486	0.000	38776.384	772.65	24.0	0.012286
	14	7686.558	2.485	0.000	38799.293	773.65	24.0	0.012286
50	15	7688.418	2.483	0.000	38822.218	774.65	24.1	0.012286
	16	7690.278	2.482	0.000	38845.159	775.65	24.1	0.012286
	17	7692.137	2.481	0.000	38868.117	776.65	24.2	0.012286
	18	7693.996	2.480	0.000	38891.090	777.65	24.2	0.012286
	19	7695.853	2.479	0.000	38914.079	778.66	24.3	0.012286
50	20	7697.710	2.478	0.000	38937.085	779.66	24.3	0.012285
	21	7699.567	2.476	0.000	38960.106	780.67	24.4	0.012285
	22	7701.423	2.475	0.000	38983.144	781.68	24.4	0.012285
	23	7703.278	2.474	0.000	39006.198	782.69	24.5	0.012285
	24	7705.132	2.473	0.000	39029.268	783.71	24.5	0.012285
50	25	7706.986	2.472	0.000	39052.355	784.72	24.6	0.012285
	26	7708.840	2.471	0.000	39075.457	785.74	24.6	0.012285
	27	7710.692	2.470	0.000	39098.576	786.76	24.7	0.012285
	28	7712.544	2.468	0.000	39121.711	787.78	24.8	0.012285
	29	7714.395	2.467	0.000	39144.863	788.80	24.8	0.012285
50	30	7716.246	2.466	0.000	39168.031	789.82	24.9	0.012285
	31	7718.096	2.465	0.000	39191.215	790.85	24.9	0.012285
	32	7719.945	2.464	0.000	39214.415	791.87	25.0	0.012285
	33	7721.794	2.463	0.000	39237.632	792.90	25.0	0.012285
	34	7723.642	2.461	0.000	39260.865	793.93	25.1	0.012285
50	35	7725.489	2.460	0.000	39284.115	794.97	25.1	0.012285
	36	7727.336	2.459	0.000	39307.381	796.00	25.2	0.012285
	37	7729.182	2.458	0.000	39330.664	797.04	25.2	0.012285
	38	7731.027	2.457	0.000	39353.963	798.07	25.3	0.012285
	39	7732.872	2.456	0.000	39377.279	799.11	25.3	0.012285
50	40	7734.716	2.454	0.000	39400.611	800.15	25.4	0.012285
	41	7736.559	2.453	0.000	39423.960	801.20	25.4	0.012284
	42	7738.402	2.452	0.000	39447.325	802.24	25.5	0.012284
	43	7740.244	2.451	0.000	39470.707	803.29	25.5	0.012284
	44	7742.086	2.450	0.000	39494.105	804.33	25.6	0.012284
50	45	7743.926	2.448	0.000	39517.520	805.38	25.7	0.012284
	46	7745.767	2.447	0.000	39540.952	806.44	25.7	0.012284
	47	7747.606	2.446	0.000	39564.401	807.49	25.8	0.012284
	48	7749.445	2.445	0.000	39587.866	808.54	25.8	0.012284
	49	7751.283	2.444	0.000	39611.348	809.60	25.9	0.012284
50	50	7753.121	2.443	0.000	39634.847	810.66	25.9	0.012284
	51	7754.957	2.441	0.000	39658.362	811.72	26.0	0.012284
	52	7756.794	2.440	0.000	39681.895	812.78	26.0	0.012284
	53	7758.629	2.439	0.000	39705.444	813.85	26.1	0.012284
	54	7760.464	2.438	0.000	39729.010	814.91	26.2	0.012284
50	55	7762.298	2.437	0.000	39752.592	815.98	26.2	0.012284
	56	7764.132	2.436	0.000	39776.192	817.05	26.3	0.012284
	57	7765.965	2.434	0.000	39799.809	818.12	26.3	0.012284
	58	7767.797	2.433	0.000	39823.442	819.19	26.4	0.012284
	59	7769.629	2.432	0.000	39847.093	820.27	26.4	0.012284
51	00	7771.460	2.431	0.000	39870.760	821.34	26.5	0.012284

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
51	0	7771.460	2.431	0.000	39870.760	821.34	26.5	0.012284
	1	7773.290	2.430	0.000	39894.445	822.42	26.5	0.012284
	2	7775.120	2.428	0.000	39918.146	823.50	26.6	0.012283
	3	7776.949	2.427	0.000	39941.865	824.58	26.7	0.012283
	4	7778.777	2.426	0.000	39965.600	825.67	26.7	0.012283
51	5	7780.604	2.425	0.000	39989.353	826.75	26.8	0.012283
	6	7782.431	2.424	0.000	40013.123	827.84	26.8	0.012283
	7	7784.258	2.422	0.000	40036.909	828.93	26.9	0.012283
	8	7786.084	2.421	0.000	40060.714	830.02	26.9	0.012283
	9	7787.909	2.420	0.000	40084.535	831.12	27.0	0.012283
51	10	7789.733	2.419	0.000	40108.373	832.21	27.1	0.012283
	11	7791.557	2.418	0.000	40132.229	833.31	27.1	0.012283
	12	7793.380	2.416	0.000	40156.102	834.41	27.2	0.012283
	13	7795.202	2.415	0.000	40179.992	835.51	27.2	0.012283
	14	7797.024	2.414	0.000	40203.899	836.61	27.3	0.012283
51	15	7798.845	2.413	0.000	40227.824	837.71	27.4	0.012283
	16	7800.665	2.412	0.000	40251.766	838.82	27.4	0.012283
	17	7802.485	2.410	0.000	40275.726	839.93	27.5	0.012283
	18	7804.304	2.409	0.000	40299.703	841.04	27.5	0.012283
	19	7806.123	2.408	0.000	40323.697	842.15	27.6	0.012283
51	20	7807.940	2.407	0.000	40347.708	843.26	27.7	0.012283
	21	7809.757	2.406	0.000	40371.738	844.38	27.7	0.012283
	22	7811.574	2.404	0.000	40395.784	845.50	27.8	0.012283
	23	7813.390	2.403	0.000	40419.848	846.62	27.8	0.012282
	24	7815.205	2.402	0.000	40443.930	847.74	27.9	0.012282
51	25	7817.019	2.401	0.000	40468.029	848.86	28.0	0.012282
	26	7818.833	2.400	0.000	40492.146	849.99	28.0	0.012282
	27	7820.646	2.398	0.000	40516.280	851.11	28.1	0.012282
	28	7822.459	2.397	0.000	40540.432	852.24	28.1	0.012282
	29	7824.270	2.396	0.000	40564.602	853.37	28.2	0.012282
51	30	7826.082	2.395	0.000	40588.789	854.51	28.3	0.012282
	31	7827.892	2.394	0.000	40612.994	855.64	28.3	0.012282
	32	7829.702	2.392	0.000	40637.216	856.78	28.4	0.012282
	33	7831.511	2.391	0.000	40661.457	857.92	28.4	0.012282
	34	7833.320	2.390	0.000	40685.715	859.06	28.5	0.012282
51	35	7835.127	2.389	0.000	40709.991	860.20	28.6	0.012282
	36	7836.935	2.388	0.000	40734.284	861.35	28.6	0.012282
	37	7838.741	2.386	0.000	40758.596	862.49	28.7	0.012282
	38	7840.547	2.385	0.000	40782.925	863.64	28.8	0.012282
	39	7842.352	2.384	0.000	40807.273	864.79	28.8	0.012282
51	40	7844.157	2.383	0.000	40831.638	865.95	28.9	0.012282
	41	7845.961	2.381	0.000	40856.021	867.10	28.9	0.012282
	42	7847.764	2.380	0.000	40880.422	868.26	29.0	0.012282
	43	7849.566	2.379	0.000	40904.841	869.42	29.1	0.012282
	44	7851.368	2.378	0.000	40929.278	870.58	29.1	0.012282
51	45	7853.169	2.377	0.000	40953.733	871.74	29.2	0.012281
	46	7854.970	2.375	0.000	40978.206	872.90	29.3	0.012281
	47	7856.770	2.374	0.000	41002.697	874.07	29.3	0.012281
	48	7858.569	2.373	0.000	41027.206	875.24	29.4	0.012281
	49	7860.367	2.372	0.000	41051.733	876.41	29.4	0.012281
51	50	7862.165	2.370	0.000	41076.279	877.58	29.5	0.012281
	51	7863.963	2.369	0.000	41100.842	878.76	29.6	0.012281
	52	7865.759	2.368	0.000	41125.424	879.93	29.6	0.012281
	53	7867.555	2.367	0.000	41150.024	881.11	29.7	0.012281
	54	7869.350	2.366	0.000	41174.642	882.29	29.8	0.012281
51	55	7871.145	2.364	0.000	41199.279	883.48	29.8	0.012281
	56	7872.939	2.363	0.000	41223.934	884.66	29.9	0.012281
	57	7874.732	2.362	0.000	41248.607	885.85	30.0	0.012281
	58	7876.524	2.361	0.000	41273.298	887.04	30.0	0.012281
	59	7878.316	2.359	0.000	41298.008	888.23	30.1	0.012281
52	00	7880.108	2.358	0.000	41322.736	889.42	30.2	0.012281

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
52	0	7880.108	2.358	0.000	41322.736	889.42	30.2	0.012281
	1	7881.898	2.357	0.000	41347.483	890.62	30.2	0.012281
	2	7883.688	2.356	0.000	41372.248	891.82	30.3	0.012281
	3	7885.477	2.354	0.000	41397.031	893.02	30.4	0.012281
	4	7887.266	2.353	0.000	41421.833	894.22	30.4	0.012281
52	5	7889.054	2.352	0.000	41446.653	895.42	30.5	0.012281
	6	7890.841	2.351	0.000	41471.492	896.63	30.6	0.012280
	7	7892.627	2.349	0.000	41496.350	897.83	30.6	0.012280
	8	7894.413	2.348	0.000	41521.226	899.04	30.7	0.012280
	9	7896.198	2.347	0.000	41546.121	900.26	30.8	0.012280
52	10	7897.983	2.346	0.000	41571.034	901.47	30.8	0.012280
	11	7899.767	2.345	0.000	41595.966	902.69	30.9	0.012280
	12	7901.550	2.343	0.000	41620.917	903.91	31.0	0.012280
	13	7903.333	2.342	0.000	41645.886	905.13	31.0	0.012280
	14	7905.115	2.341	0.000	41670.874	906.35	31.1	0.012280
52	15	7906.896	2.340	0.000	41695.881	907.57	31.2	0.012280
	16	7908.676	2.338	0.000	41720.907	908.80	31.2	0.012280
	17	7910.456	2.337	0.000	41745.952	910.03	31.3	0.012280
	18	7912.235	2.336	0.000	41771.015	911.26	31.4	0.012280
	19	7914.014	2.335	0.000	41796.097	912.50	31.5	0.012280
52	20	7915.792	2.333	0.000	41821.198	913.73	31.5	0.012280
	21	7917.569	2.332	0.000	41846.318	914.97	31.6	0.012280
	22	7919.345	2.331	0.000	41871.457	916.21	31.7	0.012280
	23	7921.121	2.330	0.000	41896.615	917.45	31.7	0.012280
	24	7922.896	2.328	0.000	41921.792	918.70	31.8	0.012280
52	25	7924.671	2.327	0.000	41946.988	919.94	31.9	0.012280
	26	7926.445	2.326	0.000	41972.203	921.19	31.9	0.012280
	27	7928.218	2.325	0.000	41997.437	922.44	32.0	0.012280
	28	7929.990	2.323	0.000	42022.690	923.70	32.1	0.012279
	29	7931.762	2.322	0.000	42047.962	924.95	32.2	0.012279
52	30	7933.533	2.321	0.000	42073.253	926.21	32.2	0.012279
	31	7935.304	2.320	0.000	42098.564	927.47	32.3	0.012279
	32	7937.074	2.318	0.000	42123.894	928.73	32.4	0.012279
	33	7938.843	2.317	0.000	42149.243	930.00	32.4	0.012279
	34	7940.611	2.316	0.000	42174.611	931.26	32.5	0.012279
52	35	7942.379	2.315	0.000	42199.998	932.53	32.6	0.012279
	36	7944.146	2.313	0.000	42225.405	933.80	32.7	0.012279
	37	7945.913	2.312	0.000	42250.831	935.08	32.7	0.012279
	38	7947.678	2.311	0.000	42276.277	936.35	32.8	0.012279
	39	7949.444	2.309	0.000	42301.742	937.63	32.9	0.012279
52	40	7951.208	2.308	0.000	42327.226	938.91	33.0	0.012279
	41	7952.972	2.307	0.000	42352.730	940.19	33.0	0.012279
	42	7954.735	2.306	0.000	42378.253	941.48	33.1	0.012279
	43	7956.497	2.304	0.000	42403.795	942.76	33.2	0.012279
	44	7958.259	2.303	0.000	42429.358	944.05	33.2	0.012279
52	45	7960.020	2.302	0.000	42454.939	945.34	33.3	0.012279
	46	7961.780	2.301	0.000	42480.541	946.64	33.4	0.012279
	47	7963.540	2.299	0.000	42506.161	947.93	33.5	0.012279
	48	7965.299	2.298	0.000	42531.802	949.23	33.5	0.012279
	49	7967.058	2.297	0.000	42557.462	950.53	33.6	0.012278
52	50	7968.815	2.296	0.000	42583.142	951.84	33.7	0.012278
	51	7970.572	2.294	0.000	42608.841	953.14	33.8	0.012278
	52	7972.329	2.293	0.000	42634.561	954.45	33.8	0.012278
	53	7974.084	2.292	0.000	42660.300	955.76	33.9	0.012278
	54	7975.839	2.290	0.000	42686.058	957.07	34.0	0.012278
52	55	7977.594	2.289	0.000	42711.837	958.39	34.1	0.012278
	56	7979.347	2.288	0.000	42737.635	959.70	34.2	0.012278
	57	7981.100	2.287	0.000	42763.454	961.02	34.2	0.012278
	58	7982.853	2.285	0.000	42789.292	962.34	34.3	0.012278
	59	7984.604	2.284	0.000	42815.150	963.67	34.4	0.012278
53	00	7986.355	2.283	0.000	42841.028	964.99	34.5	0.012278

TABELAS PARA CALCULOS NO SISTEMA DE PROJECKO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) KO=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=KO(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
53	0	7986.355	2.283	0.000	42841.028	964.99	34.5	0.012278
	1	7988.105	2.282	0.000	42866.926	966.32	34.5	0.012278
	2	7989.855	2.280	0.000	42892.844	967.65	34.6	0.012278
	3	7991.604	2.279	0.000	42918.782	968.99	34.7	0.012278
	4	7993.352	2.278	0.000	42944.740	970.32	34.8	0.012278
53	5	7995.100	2.276	0.000	42970.719	971.66	34.9	0.012278
	6	7996.847	2.275	0.000	42996.717	973.00	34.9	0.012278
	7	7998.593	2.274	0.000	43022.735	974.35	35.0	0.012278
	8	8000.338	2.273	0.000	43048.774	975.69	35.1	0.012278
	9	8002.083	2.271	0.000	43074.833	977.04	35.2	0.012278
53	10	8003.827	2.270	0.000	43100.912	978.39	35.2	0.012278
	11	8005.571	2.269	0.000	43127.011	979.74	35.3	0.012277
	12	8007.314	2.258	0.000	43153.131	981.10	35.4	0.012277
	13	8009.056	2.266	0.000	43179.271	982.46	35.5	0.012277
	14	8010.797	2.265	0.000	43205.431	983.82	35.6	0.012277
53	15	8012.538	2.264	0.000	43231.612	985.18	35.7	0.012277
	16	8014.278	2.262	0.000	43257.813	986.54	35.7	0.012277
	17	8016.018	2.261	0.000	43284.034	987.91	35.8	0.012277
	18	8017.756	2.260	0.000	43310.276	989.28	35.9	0.012277
	19	8019.495	2.259	0.000	43336.538	990.65	36.0	0.012277
53	20	8021.232	2.257	0.000	43362.821	992.03	36.1	0.012277
	21	8022.969	2.256	0.000	43389.125	993.41	36.1	0.012277
	22	8024.705	2.255	0.000	43415.449	994.79	36.2	0.012277
	23	8026.440	2.253	0.000	43441.793	996.17	36.3	0.012277
	24	8028.175	2.252	0.000	43468.158	997.55	36.4	0.012277
53	25	8029.909	2.251	0.000	43494.544	998.94	36.5	0.012277
	26	8031.642	2.249	0.000	43520.951	1000.33	36.6	0.012277
	27	8033.375	2.248	0.000	43547.378	1001.72	36.6	0.012277
	28	8035.107	2.247	0.000	43573.826	1003.12	36.7	0.012277
	29	8036.838	2.246	0.000	43600.295	1004.52	36.8	0.012277
53	30	8038.569	2.244	0.000	43626.784	1005.92	36.9	0.012277
	31	8040.299	2.243	0.000	43653.295	1007.32	37.0	0.012277
	32	8042.028	2.242	0.000	43679.826	1008.73	37.1	0.012277
	33	8043.756	2.240	0.000	43706.378	1010.13	37.1	0.012276
	34	8045.484	2.239	0.000	43732.951	1011.54	37.2	0.012276
53	35	8047.211	2.238	0.000	43759.545	1012.96	37.3	0.012276
	36	8048.938	2.237	0.000	43786.160	1014.37	37.4	0.012276
	37	8050.664	2.235	0.000	43812.796	1015.79	37.5	0.012276
	38	8052.389	2.234	0.000	43839.453	1017.21	37.6	0.012276
	39	8054.113	2.233	0.000	43866.131	1018.63	37.7	0.012276
53	40	8055.837	2.231	0.000	43892.830	1020.06	37.7	0.012276
	41	8057.560	2.230	0.000	43919.550	1021.49	37.8	0.012276
	42	8059.283	2.229	0.000	43946.291	1022.92	37.9	0.012276
	43	8061.005	2.227	0.000	43973.054	1024.35	38.0	0.012276
	44	8062.726	2.226	0.000	43999.838	1025.79	38.1	0.012276
53	45	8064.446	2.225	0.000	44026.643	1027.23	38.2	0.012276
	46	8066.166	2.224	0.000	44053.469	1028.67	38.3	0.012276
	47	8067.885	2.222	0.000	44080.316	1030.11	38.4	0.012276
	48	8069.603	2.221	0.000	44107.185	1031.56	38.4	0.012276
	49	8071.321	2.220	0.000	44134.076	1033.01	38.5	0.012276
53	50	8073.038	2.218	0.000	44160.987	1034.46	38.6	0.012276
	51	8074.754	2.217	0.000	44187.920	1035.92	38.7	0.012276
	52	8076.470	2.216	0.000	44214.875	1037.37	38.8	0.012276
	53	8078.185	2.214	0.000	44241.851	1038.83	38.9	0.012276
	54	8079.899	2.213	0.000	44268.848	1040.30	39.0	0.012276
53	55	8081.612	2.212	0.000	44295.867	1041.76	39.1	0.012275
	56	8083.325	2.210	0.000	44322.908	1043.23	39.2	0.012275
	57	8085.037	2.209	0.000	44349.970	1044.70	39.2	0.012275
	58	8086.749	2.208	0.000	44377.054	1046.17	39.3	0.012275
	59	8088.460	2.207	0.000	44404.159	1047.65	39.4	0.012275
54	00	8090.170	2.205	0.000	44431.286	1049.13	39.5	0.012275

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) KO=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=KO(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
54	0	8090.170	2.205	0.000	44431.286	1049.13	39.5	0.012275
	1	8091.879	2.204	0.000	44458.435	1050.61	39.6	0.012275
	2	8093.588	2.203	0.000	44485.606	1052.09	39.7	0.012275
	3	8095.296	2.201	0.000	44512.798	1053.58	39.8	0.012275
	4	8097.004	2.200	0.000	44540.012	1055.07	39.9	0.012275
54	5	8098.710	2.199	0.000	44567.248	1056.56	40.0	0.012275
	6	8100.416	2.197	0.000	44594.506	1058.06	40.1	0.012275
	7	8102.122	2.196	0.000	44621.786	1059.56	40.2	0.012275
	8	8103.826	2.195	0.000	44649.088	1061.06	40.3	0.012275
	9	8105.530	2.193	0.000	44676.412	1062.56	40.4	0.012275
54	10	8107.234	2.192	0.000	44703.757	1064.07	40.4	0.012275
	11	8108.936	2.191	0.000	44731.125	1065.58	40.5	0.012275
	12	8110.638	2.189	0.000	44758.515	1067.09	40.6	0.012275
	13	8112.339	2.188	0.000	44785.927	1068.60	40.7	0.012275
	14	8114.040	2.187	0.000	44813.361	1070.12	40.8	0.012275
54	15	8115.740	2.185	0.000	44840.817	1071.64	40.9	0.012275
	16	8117.439	2.184	0.000	44868.296	1073.17	41.0	0.012275
	17	8119.137	2.183	0.000	44895.796	1074.69	41.1	0.012274
	18	8120.835	2.182	0.000	44923.319	1076.22	41.2	0.012274
	19	8122.532	2.180	0.000	44950.864	1077.75	41.3	0.012274
54	20	8124.229	2.179	0.000	44978.432	1079.29	41.4	0.012274
	21	8125.925	2.178	0.000	45006.021	1080.82	41.5	0.012274
	22	8127.620	2.176	0.000	45033.634	1082.37	41.6	0.012274
	23	8129.314	2.175	0.000	45061.268	1083.91	41.7	0.012274
	24	8131.008	2.174	0.000	45088.925	1085.45	41.8	0.012274
54	25	8132.701	2.172	0.000	45116.605	1087.00	41.9	0.012274
	26	8134.393	2.171	0.000	45144.307	1088.56	42.0	0.012274
	27	8136.084	2.170	0.000	45172.031	1090.11	42.1	0.012274
	28	8137.775	2.168	0.000	45199.779	1091.67	42.2	0.012274
	29	8139.466	2.167	0.000	45227.548	1093.23	42.3	0.012274
54	30	8141.155	2.166	0.000	45255.341	1094.79	42.4	0.012274
	31	8142.844	2.164	0.000	45283.156	1096.36	42.5	0.012274
	32	8144.532	2.163	0.000	45310.993	1097.93	42.6	0.012274
	33	8146.220	2.162	0.000	45338.854	1099.50	42.7	0.012274
	34	8147.906	2.160	0.000	45366.737	1101.07	42.8	0.012274
54	35	8149.593	2.159	0.000	45394.643	1102.65	42.9	0.012274
	36	8151.278	2.158	0.000	45422.572	1104.23	43.0	0.012274
	37	8152.963	2.156	0.000	45450.524	1105.82	43.1	0.012274
	38	8154.647	2.155	0.000	45478.499	1107.40	43.2	0.012274
	39	8156.330	2.154	0.000	45506.496	1108.99	43.3	0.012273
54	40	8158.013	2.152	0.000	45534.517	1110.59	43.4	0.012273
	41	8159.695	2.151	0.000	45562.560	1112.18	43.5	0.012273
	42	8161.376	2.150	0.000	45590.627	1113.78	43.6	0.012273
	43	8163.056	2.148	0.000	45618.716	1115.38	43.7	0.012273
	44	8164.736	2.147	0.000	45646.829	1116.99	43.8	0.012273
54	45	8166.416	2.146	-.000	45674.965	1118.60	43.9	0.012273
	46	8168.094	2.144	-.000	45703.124	1120.21	44.0	0.012273
	47	8169.772	2.143	-.000	45731.306	1121.82	44.1	0.012273
	48	8171.449	2.142	-.000	45759.511	1123.44	44.2	0.012273
	49	8173.125	2.140	-.000	45787.740	1125.06	44.3	0.012273
54	50	8174.801	2.139	-.000	45815.992	1126.68	44.4	0.012273
	51	8176.476	2.138	-.000	45844.267	1128.31	44.5	0.012273
	52	8178.151	2.136	-.000	45872.566	1129.94	44.6	0.012273
	53	8179.824	2.135	-.000	45900.888	1131.57	44.7	0.012273
	54	8181.497	2.134	-.000	45929.234	1133.21	44.8	0.012273
54	55	8183.169	2.132	-.000	45957.603	1134.84	45.0	0.012273
	56	8184.841	2.131	-.000	45985.995	1136.49	45.1	0.012273
	57	8186.512	2.130	-.000	46014.411	1138.13	45.2	0.012273
	58	8188.182	2.128	-.000	46042.851	1139.78	45.3	0.012273
	59	8189.852	2.127	-.000	46071.314	1141.43	45.4	0.012273
55	00	8191.520	2.125	-.000	46099.801	1143.08	45.5	0.012273

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
55	0	8191.520	2.125	-.000	46099.801	1143.08	45.5	0.012273
	1	8193.189	2.124	-.000	46128.311	1144.74	45.6	0.012272
	2	8194.856	2.123	-.000	46156.845	1146.40	45.7	0.012272
	3	8196.523	2.121	-.000	46185.403	1148.07	45.8	0.012272
	4	8198.189	2.120	-.000	46213.985	1149.73	45.9	0.012272
55	5	8199.854	2.119	-.000	46242.591	1151.40	46.0	0.012272
	6	8201.519	2.117	-.000	46271.220	1153.08	46.1	0.012272
	7	8203.183	2.116	-.000	46299.873	1154.75	46.3	0.012272
	8	8204.846	2.115	-.000	46328.550	1156.43	46.4	0.012272
	9	8206.509	2.113	-.000	46357.251	1158.11	46.5	0.012272
55	10	8208.170	2.112	-.000	46385.976	1159.80	46.6	0.012272
	11	8209.832	2.111	-.000	46414.726	1161.49	46.7	0.012272
	12	8211.492	2.109	-.000	46443.499	1163.18	46.8	0.012272
	13	8213.152	2.108	-.000	46472.296	1164.88	46.9	0.012272
	14	8214.811	2.107	-.000	46501.117	1166.57	47.0	0.012272
55	15	8216.469	2.105	-.000	46529.963	1168.28	47.1	0.012272
	16	8218.127	2.104	-.000	46558.832	1169.98	47.3	0.012272
	17	8219.784	2.103	-.000	46587.726	1171.69	47.4	0.012272
	18	8221.440	2.101	-.000	46616.645	1173.40	47.5	0.012272
	19	8223.096	2.100	-.000	46645.587	1175.12	47.6	0.012272
55	20	8224.751	2.098	-.000	46674.554	1176.84	47.7	0.012272
	21	8226.405	2.097	-.000	46703.545	1178.56	47.8	0.012272
	22	8228.059	2.096	-.000	46732.561	1180.28	47.9	0.012272
	23	8229.712	2.094	-.000	46761.601	1182.01	48.1	0.012271
	24	8231.364	2.093	-.000	46790.665	1183.74	48.2	0.012271
55	25	8233.015	2.092	-.000	46819.754	1185.48	48.3	0.012271
	26	8234.666	2.090	-.000	46848.868	1187.21	48.4	0.012271
	27	8236.316	2.089	-.000	46878.006	1188.96	48.5	0.012271
	28	8237.965	2.088	-.000	46907.169	1190.70	48.6	0.012271
	29	8239.614	2.086	-.000	46936.356	1192.45	48.8	0.012271
55	30	8241.262	2.085	-.000	46965.568	1194.20	48.9	0.012271
	31	8242.909	2.084	-.000	46994.805	1195.96	49.0	0.012271
	32	8244.556	2.082	-.000	47024.067	1197.71	49.1	0.012271
	33	8246.202	2.081	-.000	47053.353	1199.47	49.2	0.012271
	34	8247.847	2.079	-.000	47082.665	1201.24	49.4	0.012271
55	35	8249.491	2.078	-.000	47112.001	1203.01	49.5	0.012271
	36	8251.135	2.077	-.000	47141.362	1204.78	49.6	0.012271
	37	8252.778	2.075	-.000	47170.748	1206.56	49.7	0.012271
	38	8254.420	2.074	-.000	47200.159	1208.33	49.8	0.012271
	39	8256.062	2.073	-.000	47229.595	1210.12	50.0	0.012271
55	40	8257.703	2.071	-.000	47259.056	1211.90	50.1	0.012271
	41	8259.343	2.070	-.000	47288.542	1213.69	50.2	0.012271
	42	8260.983	2.069	-.000	47318.053	1215.48	50.3	0.012271
	43	8262.622	2.057	-.000	47347.590	1217.28	50.4	0.012271
	44	8264.260	2.066	-.000	47377.152	1219.08	50.6	0.012271
55	45	8265.897	2.064	-.000	47406.739	1220.88	50.7	0.012270
	46	8267.534	2.063	-.000	47436.351	1222.69	50.8	0.012270
	47	8269.170	2.062	-.000	47465.988	1224.50	50.9	0.012270
	48	8270.806	2.060	-.000	47495.651	1226.31	51.1	0.012270
	49	8272.440	2.059	-.000	47525.340	1228.13	51.2	0.012270
55	50	8274.074	2.058	-.000	47555.053	1229.95	51.3	0.012270
	51	8275.708	2.056	-.000	47584.793	1231.77	51.4	0.012270
	52	8277.340	2.055	-.000	47614.557	1233.60	51.6	0.012270
	53	8278.972	2.054	-.000	47644.348	1235.43	51.7	0.012270
	54	8280.603	2.052	-.000	47674.164	1237.27	51.8	0.012270
55	55	8282.234	2.051	-.000	47704.005	1239.10	51.9	0.012270
	56	8283.864	2.049	-.000	47733.872	1240.95	52.1	0.012270
	57	8285.493	2.048	-.000	47763.765	1242.79	52.2	0.012270
	58	8287.121	2.047	-.000	47793.684	1244.64	52.3	0.012270
	59	8288.749	2.045	-.000	47823.628	1246.49	52.4	0.012270
56	00	8290.376	2.044	-.000	47853.598	1248.35	52.6	0.012270

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
56	0	8290.376	2.044	-.000	47853.598	1248.35	52.6	0.012270
	1	8292.002	2.043	-.000	47883.594	1250.21	52.7	0.012270
	2	8293.628	2.041	-.000	47913.616	1252.07	52.8	0.012270
	3	8295.252	2.040	-.000	47943.664	1253.94	53.0	0.012270
	4	8296.877	2.038	-.000	47973.738	1255.81	53.1	0.012270
56	5	8298.500	2.037	-.000	48003.838	1257.69	53.2	0.012270
	6	8300.123	2.036	-.000	48033.964	1259.56	53.4	0.012270
	7	8301.745	2.034	-.000	48064.116	1261.45	53.5	0.012270
	8	8303.366	2.033	-.000	48094.294	1263.33	53.6	0.012269
	9	8304.987	2.032	-.000	48124.498	1265.22	53.8	0.012269
56	10	8306.607	2.030	-.000	48154.728	1267.11	53.9	0.012269
	11	8308.226	2.029	-.000	48184.985	1269.01	54.0	0.012269
	12	8309.845	2.027	-.000	48215.268	1270.91	54.1	0.012269
	13	8311.463	2.026	-.000	48245.578	1272.81	54.3	0.012269
	14	8313.080	2.025	-.000	48275.913	1274.72	54.4	0.012269
56	15	8314.696	2.023	-.000	48306.275	1276.63	54.6	0.012269
	16	8316.312	2.022	-.000	48336.664	1278.55	54.7	0.012269
	17	8317.927	2.021	-.000	48367.079	1280.47	54.8	0.012269
	18	8319.541	2.019	-.000	48397.520	1282.39	55.0	0.012269
	19	8321.155	2.018	-.000	48427.988	1284.32	55.1	0.012269
56	20	8322.768	2.016	-.000	48458.483	1286.25	55.2	0.012269
	21	8324.380	2.015	-.000	48489.004	1288.18	55.4	0.012269
	22	8325.991	2.014	-.000	48519.552	1290.12	55.5	0.012269
	23	8327.602	2.012	-.000	48550.127	1292.06	55.6	0.012269
	24	8329.212	2.011	-.000	48580.729	1294.01	55.8	0.012269
56	25	8330.822	2.009	-.000	48611.357	1295.96	55.9	0.012269
	26	8332.430	2.008	-.000	48642.012	1297.91	56.1	0.012269
	27	8334.038	2.007	-.000	48672.694	1299.87	56.2	0.012269
	28	8335.646	2.005	-.000	48703.403	1301.83	56.3	0.012269
	29	8337.252	2.004	-.000	48734.139	1303.79	56.5	0.012269
56	30	8338.858	2.003	-.000	48764.902	1305.76	56.6	0.012268
	31	8340.463	2.001	-.000	48795.692	1307.74	56.8	0.012268
	32	8342.068	2.000	-.000	48826.509	1309.71	56.9	0.012268
	33	8343.672	1.998	-.000	48857.353	1311.69	57.0	0.012268
	34	8345.275	1.997	-.000	48888.224	1313.68	57.2	0.012268
56	35	8346.877	1.996	-.000	48919.123	1315.67	57.3	0.012268
	36	8348.479	1.994	-.000	48950.049	1317.66	57.5	0.012268
	37	8350.080	1.993	-.000	48981.002	1319.66	57.6	0.012268
	38	8351.680	1.991	-.000	49011.982	1321.66	57.8	0.012268
	39	8353.279	1.990	-.000	49042.990	1323.66	57.9	0.012268
56	40	8354.878	1.989	-.000	49074.025	1325.67	58.0	0.012268
	41	8356.476	1.987	-.000	49105.088	1327.68	58.2	0.012268
	42	8358.074	1.986	-.000	49136.178	1329.70	58.3	0.012268
	43	8359.670	1.985	-.000	49167.296	1331.72	58.5	0.012268
	44	8361.266	1.983	-.000	49198.441	1333.74	58.6	0.012268
56	45	8362.862	1.982	-.000	49229.614	1335.77	58.8	0.012268
	46	8364.456	1.980	-.000	49260.815	1337.80	58.9	0.012268
	47	8366.050	1.979	-.000	49292.043	1339.84	59.1	0.012268
	48	8367.643	1.978	-.000	49323.299	1341.88	59.2	0.012268
	49	8369.236	1.976	-.000	49354.583	1343.93	59.4	0.012268
56	50	8370.827	1.975	-.000	49385.895	1345.98	59.5	0.012268
	51	8372.418	1.973	-.000	49417.234	1348.03	59.7	0.012268
	52	8374.009	1.972	-.000	49448.602	1350.09	59.8	0.012268
	53	8375.598	1.971	-.000	49479.997	1352.15	60.0	0.012267
	54	8377.187	1.969	-.000	49511.421	1354.21	60.1	0.012267
56	55	8378.775	1.958	-.000	49542.872	1356.28	60.3	0.012267
	56	8380.363	1.966	-.000	49574.352	1358.36	60.4	0.012267
	57	8381.950	1.965	-.000	49605.859	1360.43	60.6	0.012267
	58	8383.536	1.964	-.000	49637.395	1362.52	60.7	0.012267
	59	8385.121	1.952	-.000	49668.959	1364.60	60.9	0.012267
57	00	8386.706	1.961	-.000	49700.552	1366.69	61.0	0.012267

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
57	0	8386.706	1.951	-.000	49700.552	1366.69	61.0	0.012267
	1	8388.290	1.959	-.000	49732.173	1368.79	61.2	0.012267
	2	8389.873	1.958	-.000	49763.822	1370.89	61.3	0.012267
	3	8391.455	1.957	-.000	49795.499	1372.99	61.5	0.012267
	4	8393.037	1.955	-.000	49827.205	1375.10	61.7	0.012267
57	5	8394.618	1.954	-.000	49858.940	1377.21	61.8	0.012267
	6	8396.199	1.952	-.000	49890.702	1379.32	62.0	0.012267
	7	8397.778	1.951	-.000	49922.494	1381.44	62.1	0.012267
	8	8399.357	1.950	-.000	49954.314	1383.57	62.3	0.012267
	9	8400.936	1.948	-.000	49986.163	1385.70	62.4	0.012267
57	10	8402.513	1.947	-.000	50018.040	1387.83	62.6	0.012267
	11	8404.090	1.945	-.000	50049.947	1389.97	62.8	0.012267
	12	8405.666	1.944	-.000	50081.882	1392.11	62.9	0.012267
	13	8407.241	1.943	-.000	50113.845	1394.25	63.1	0.012267
	14	8408.816	1.941	-.000	50145.838	1396.40	63.2	0.012267
57	15	8410.390	1.940	-.000	50177.860	1398.56	63.4	0.012267
	16	8411.963	1.938	-.000	50209.910	1400.72	63.6	0.012266
	17	8413.536	1.937	-.000	50241.990	1402.88	63.7	0.012266
	18	8415.108	1.936	-.000	50274.099	1405.05	63.9	0.012266
	19	8416.679	1.934	-.000	50306.237	1407.22	64.0	0.012266
57	20	8418.249	1.933	-.000	50338.404	1409.40	64.2	0.012266
	21	8419.819	1.931	-.000	50370.600	1411.58	64.4	0.012266
	22	8421.388	1.930	-.000	50402.825	1413.76	64.5	0.012266
	23	8422.956	1.929	-.000	50435.080	1415.95	64.7	0.012266
	24	8424.524	1.927	-.000	50467.364	1418.15	64.9	0.012266
57	25	8426.091	1.926	-.000	50499.677	1420.35	65.0	0.012266
	26	8427.657	1.924	-.000	50532.020	1422.55	65.2	0.012266
	27	8429.222	1.923	-.000	50564.392	1424.76	65.4	0.012266
	28	8430.787	1.922	-.000	50596.794	1426.97	65.5	0.012266
	29	8432.351	1.920	-.000	50629.226	1429.19	65.7	0.012266
57	30	8433.914	1.919	-.000	50661.687	1431.41	65.9	0.012266
	31	8435.477	1.917	-.000	50694.177	1433.64	66.0	0.012266
	32	8437.039	1.916	-.000	50726.697	1435.87	66.2	0.012266
	33	8438.600	1.915	-.000	50759.248	1438.10	66.4	0.012266
	34	8440.161	1.913	-.000	50791.827	1440.34	66.5	0.012266
57	35	8441.720	1.912	-.000	50824.437	1442.59	66.7	0.012266
	36	8443.279	1.910	-.000	50857.077	1444.83	66.9	0.012266
	37	8444.838	1.909	-.000	50889.746	1447.09	67.1	0.012266
	38	8446.395	1.907	-.000	50922.446	1449.35	67.2	0.012266
	39	8447.952	1.906	-.000	50955.175	1451.61	67.4	0.012265
57	40	8449.508	1.905	-.000	50987.935	1453.88	67.6	0.012265
	41	8451.064	1.903	-.000	51020.724	1456.15	67.8	0.012265
	42	8452.618	1.902	-.000	51053.544	1458.42	67.9	0.012265
	43	8454.172	1.900	-.000	51086.394	1460.71	68.1	0.012265
	44	8455.726	1.899	-.000	51119.275	1462.99	68.3	0.012265
57	45	8457.278	1.898	-.000	51152.185	1465.28	68.5	0.012265
	46	8458.830	1.896	-.000	51185.126	1467.58	68.6	0.012265
	47	8460.381	1.895	-.000	51218.098	1469.88	68.8	0.012265
	48	8461.932	1.893	-.000	51251.100	1472.18	69.0	0.012265
	49	8463.481	1.892	-.000	51284.132	1474.49	69.2	0.012265
57	50	8465.030	1.891	-.000	51317.195	1476.81	69.3	0.012265
	51	8466.579	1.889	-.000	51350.289	1479.13	69.5	0.012265
	52	8468.126	1.888	-.000	51383.413	1481.45	69.7	0.012265
	53	8469.673	1.886	-.000	51416.567	1483.78	69.9	0.012265
	54	8471.219	1.885	-.000	51449.753	1486.11	70.1	0.012265
57	55	8472.765	1.883	-.000	51482.969	1488.45	70.3	0.012265
	56	8474.309	1.882	-.000	51516.217	1490.80	70.4	0.012265
	57	8475.853	1.881	-.000	51549.495	1493.14	70.6	0.012265
	58	8477.397	1.879	-.000	51582.804	1495.50	70.8	0.012265
	59	8478.939	1.878	-.000	51616.144	1497.86	71.0	0.012265
58	00	8480.481	1.876	-.000	51649.515	1500.22	71.2	0.012265

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
58	0	8480.481	1.876	-.000	51649.515	1500.22	71.2	0.012265
	1	8482.022	1.875	-.000	51682.917	1502.59	71.4	0.012265
	2	8483.562	1.874	-.000	51716.350	1504.96	71.5	0.012264
	3	8485.102	1.872	-.000	51749.815	1507.34	71.7	0.012264
	4	8486.641	1.871	-.000	51783.310	1509.72	71.9	0.012264
58	5	8488.179	1.869	-.000	51816.837	1512.11	72.1	0.012264
	6	8489.717	1.868	-.000	51850.395	1514.50	72.3	0.012264
	7	8491.254	1.867	-.000	51883.985	1516.90	72.5	0.012264
	8	8492.790	1.865	-.000	51917.606	1519.30	72.7	0.012264
	9	8494.325	1.864	-.000	51951.259	1521.71	72.9	0.012264
58	10	8495.860	1.862	-.000	51984.943	1524.12	73.1	0.012264
	11	8497.394	1.861	-.000	52018.658	1526.54	73.2	0.012264
	12	8498.927	1.859	-.000	52052.406	1528.96	73.4	0.012264
	13	8500.459	1.858	-.000	52086.185	1531.39	73.6	0.012264
	14	8501.991	1.857	-.000	52119.995	1533.82	73.8	0.012264
58	15	8503.522	1.855	-.000	52153.838	1536.26	74.0	0.012264
	16	8505.053	1.854	-.000	52187.712	1538.70	74.2	0.012264
	17	8506.582	1.852	-.000	52221.618	1541.15	74.4	0.012264
	18	8508.111	1.851	-.000	52255.556	1543.60	74.6	0.012264
	19	8509.639	1.849	-.000	52289.526	1546.06	74.8	0.012264
58	20	8511.167	1.848	-.000	52323.528	1548.52	75.0	0.012264
	21	8512.693	1.847	-.000	52357.563	1550.99	75.2	0.012264
	22	8514.219	1.845	-.000	52391.629	1553.47	75.4	0.012264
	23	8515.745	1.844	-.000	52425.727	1555.95	75.6	0.012264
	24	8517.269	1.842	-.000	52459.858	1558.43	75.8	0.012264
58	25	8518.793	1.841	-.000	52494.021	1560.92	76.0	0.012263
	26	8520.316	1.840	-.000	52528.216	1563.42	76.2	0.012263
	27	8521.839	1.838	-.000	52562.444	1565.92	76.4	0.012263
	28	8523.360	1.837	-.000	52596.704	1568.42	76.6	0.012263
	29	8524.881	1.835	-.000	52630.997	1570.93	76.8	0.012263
58	30	8526.402	1.834	-.000	52665.322	1573.45	77.0	0.012263
	31	8527.921	1.832	-.000	52699.680	1575.97	77.2	0.012263
	32	8529.440	1.831	-.000	52734.071	1578.49	77.4	0.012263
	33	8530.958	1.830	-.000	52768.494	1581.03	77.6	0.012263
	34	8532.475	1.828	-.000	52802.950	1583.56	77.8	0.012263
58	35	8533.992	1.827	-.000	52837.439	1586.11	78.0	0.012263
	36	8535.508	1.825	-.000	52871.960	1588.65	78.2	0.012263
	37	8537.023	1.824	-.000	52906.515	1591.21	78.4	0.012263
	38	8538.538	1.822	-.000	52941.102	1593.77	78.6	0.012263
	39	8540.051	1.821	-.000	52975.723	1596.33	78.9	0.012263
58	40	8541.564	1.820	-.000	53010.377	1598.90	79.1	0.012263
	41	8543.077	1.818	-.000	53045.063	1601.48	79.3	0.012263
	42	8544.588	1.817	-.000	53079.783	1604.06	79.5	0.012263
	43	8546.099	1.815	-.000	53114.536	1606.64	79.7	0.012263
	44	8547.609	1.814	-.000	53149.323	1609.23	79.9	0.012263
58	45	8549.119	1.812	-.000	53184.143	1611.83	80.1	0.012263
	46	8550.627	1.811	-.000	53218.996	1614.43	80.3	0.012263
	47	8552.135	1.810	-.000	53253.882	1617.04	80.5	0.012263
	48	8553.643	1.808	-.000	53288.803	1619.66	80.8	0.012263
	49	8555.149	1.807	-.000	53323.756	1622.27	81.0	0.012262
58	50	8556.655	1.805	-.000	53358.744	1624.90	81.2	0.012262
	51	8558.160	1.804	-.000	53393.765	1627.53	81.4	0.012262
	52	8559.664	1.802	-.000	53428.819	1630.17	81.6	0.012262
	53	8561.168	1.801	-.000	53463.908	1632.81	81.8	0.012262
	54	8562.671	1.800	-.000	53499.030	1635.45	82.1	0.012262
58	55	8564.173	1.798	-.000	53534.186	1638.11	82.3	0.012262
	56	8565.674	1.797	-.000	53569.376	1640.77	82.5	0.012262
	57	8567.175	1.795	-.000	53604.601	1643.43	82.7	0.012262
	58	8568.675	1.794	-.000	53639.859	1646.10	83.0	0.012262
	59	8570.174	1.792	-.000	53675.151	1648.78	83.2	0.012262
59	00	8571.673	1.791	-.000	53710.478	1651.46	83.4	0.012262

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
59	0	8571.673	1.791	-.000	53710.478	1651.46	83.4	0.012262
	1	8573.171	1.790	-.000	53745.838	1654.15	83.6	0.012262
	2	8574.668	1.788	-.000	53781.233	1656.84	83.8	0.012262
	3	8576.164	1.787	-.000	53816.662	1659.54	84.1	0.012262
	4	8577.660	1.785	-.000	53852.126	1662.24	84.3	0.012262
59	5	8579.155	1.784	-.000	53887.624	1664.95	84.5	0.012262
	6	8580.649	1.782	-.000	53923.157	1667.67	84.8	0.012262
	7	8582.143	1.781	-.000	53958.724	1670.39	85.0	0.012262
	8	8583.635	1.780	-.000	53994.326	1673.12	85.2	0.012262
	9	8585.127	1.778	-.000	54029.962	1675.85	85.4	0.012262
59	10	8586.619	1.777	-.000	54065.633	1678.59	85.7	0.012262
	11	8588.109	1.775	-.000	54101.339	1681.34	85.9	0.012262
	12	8589.599	1.774	-.000	54137.080	1684.09	86.1	0.012261
	13	8591.088	1.772	-.000	54172.856	1686.85	86.4	0.012261
	14	8592.576	1.771	-.000	54208.667	1689.61	86.6	0.012261
59	15	8594.064	1.770	-.000	54244.512	1692.38	86.8	0.012261
	16	8595.551	1.768	-.000	54280.393	1695.16	87.1	0.012261
	17	8597.037	1.767	-.000	54316.309	1697.94	87.3	0.012261
	18	8598.523	1.765	-.000	54352.260	1700.72	87.5	0.012261
	19	8600.007	1.764	-.000	54388.246	1703.52	87.8	0.012261
59	20	8601.491	1.762	-.000	54424.268	1706.32	88.0	0.012261
	21	8602.975	1.761	-.000	54460.325	1709.12	88.3	0.012261
	22	8604.457	1.759	-.000	54496.417	1711.94	88.5	0.012261
	23	8605.939	1.758	-.000	54532.545	1714.75	88.7	0.012261
	24	8607.420	1.757	-.000	54568.708	1717.58	89.0	0.012261
59	25	8608.901	1.755	-.000	54604.907	1720.41	89.2	0.012261
	26	8610.380	1.754	-.000	54641.142	1723.24	89.5	0.012261
	27	8611.859	1.752	-.000	54677.412	1726.09	89.7	0.012261
	28	8613.337	1.751	-.000	54713.718	1728.93	90.0	0.012261
	29	8614.815	1.749	-.000	54750.060	1731.79	90.2	0.012261
59	30	8616.292	1.748	-.000	54786.438	1734.65	90.5	0.012261
	31	8617.768	1.747	-.000	54822.852	1737.52	90.7	0.012261
	32	8619.243	1.745	-.000	54859.301	1740.39	90.9	0.012261
	33	8620.717	1.744	-.000	54895.787	1743.27	91.2	0.012261
	34	8622.191	1.742	-.000	54932.309	1746.16	91.4	0.012261
59	35	8623.664	1.741	-.000	54968.867	1749.05	91.7	0.012261
	36	8625.137	1.739	-.000	55005.462	1751.95	91.9	0.012260
	37	8626.608	1.738	-.000	55042.092	1754.85	92.2	0.012260
	38	8628.079	1.737	-.000	55078.759	1757.76	92.5	0.012260
	39	8629.549	1.735	-.000	55115.463	1760.68	92.7	0.012260
59	40	8631.019	1.734	-.000	55152.203	1763.61	93.0	0.012260
	41	8632.488	1.732	-.000	55188.979	1766.54	93.2	0.012260
	42	8633.956	1.731	-.000	55225.792	1769.47	93.5	0.012260
	43	8635.423	1.729	-.000	55262.642	1772.42	93.7	0.012260
	44	8636.889	1.728	-.000	55299.529	1775.37	94.0	0.012260
59	45	8638.355	1.726	-.000	55336.452	1778.32	94.2	0.012260
	46	8639.820	1.725	-.000	55373.412	1781.29	94.5	0.012260
	47	8641.284	1.724	-.000	55410.409	1784.26	94.8	0.012260
	48	8642.748	1.722	-.000	55447.443	1787.23	95.0	0.012260
	49	8644.211	1.721	-.000	55484.514	1790.22	95.3	0.012260
59	50	8645.673	1.719	-.000	55521.622	1793.21	95.6	0.012260
	51	8647.134	1.718	-.000	55558.768	1796.20	95.8	0.012260
	52	8648.595	1.716	-.000	55595.950	1799.20	96.1	0.012260
	53	8650.055	1.715	-.000	55633.170	1802.21	96.4	0.012260
	54	8651.514	1.714	-.000	55670.427	1805.23	96.6	0.012260
59	55	8652.973	1.712	-.000	55707.722	1808.25	96.9	0.012260
	56	8654.430	1.711	-.000	55745.054	1811.28	97.2	0.012260
	57	8655.887	1.709	-.000	55782.423	1814.32	97.4	0.012260
	58	8657.344	1.708	-.000	55819.831	1817.36	97.7	0.012260
	59	8658.799	1.706	-.000	55857.276	1820.41	98.0	0.012260
60	00	8660.254	1.705	-.000	55894.758	1823.46	98.2	0.012259

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) KO=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=KO(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
60	0	8660.254	1.705	-.000	55894.758	1823.46	98.2	0.012259
	1	8661.708	1.703	-.000	55932.279	1826.53	98.5	0.012259
	2	8663.161	1.702	-.000	55969.837	1829.59	98.8	0.012259
	3	8664.614	1.701	-.000	56007.433	1832.67	99.1	0.012259
	4	8666.066	1.699	-.000	56045.067	1835.75	99.3	0.012259
60	5	8667.517	1.698	-.000	56082.739	1838.84	99.6	0.012259
	6	8668.967	1.696	-.000	56120.449	1841.94	99.9	0.012259
	7	8670.417	1.695	-.000	56158.198	1845.05	100.2	0.012259
	8	8671.866	1.693	-.000	56195.985	1848.16	100.4	0.012259
	9	8673.314	1.692	-.000	56233.810	1851.27	100.7	0.012259
60	10	8674.762	1.690	-.000	56271.673	1854.40	101.0	0.012259
	11	8676.209	1.689	-.000	56309.575	1857.53	101.3	0.012259
	12	8677.655	1.688	-.000	56347.515	1860.67	101.6	0.012259
	13	8679.100	1.686	-.000	56385.494	1863.81	101.9	0.012259
	14	8680.544	1.685	-.000	56423.511	1866.97	102.1	0.012259
60	15	8681.988	1.683	-.000	56461.568	1870.13	102.4	0.012259
	16	8683.431	1.682	-.000	56499.662	1873.29	102.7	0.012259
	17	8684.874	1.680	-.000	56537.796	1876.47	103.0	0.012259
	18	8686.315	1.679	-.000	56575.969	1879.65	103.3	0.012259
	19	8687.756	1.677	-.000	56614.180	1882.84	103.6	0.012259
60	20	8689.196	1.676	-.000	56652.431	1886.03	103.9	0.012259
	21	8690.636	1.675	-.000	56690.721	1889.23	104.2	0.012259
	22	8692.074	1.673	-.000	56729.050	1892.44	104.5	0.012259
	23	8693.512	1.672	-.000	56767.418	1895.66	104.8	0.012259
	24	8694.949	1.670	-.000	56805.825	1898.88	105.0	0.012258
60	25	8696.386	1.669	-.000	56844.272	1902.11	105.3	0.012258
	26	8697.821	1.667	-.000	56882.758	1905.35	105.6	0.012258
	27	8699.256	1.666	-.000	56921.283	1908.60	105.9	0.012258
	28	8700.691	1.664	-.000	56959.849	1911.85	106.2	0.012258
	29	8702.124	1.663	-.000	56998.453	1915.11	106.5	0.012258
60	30	8703.557	1.662	-.000	57037.098	1918.38	106.8	0.012258
	31	8704.989	1.660	-.000	57075.782	1921.65	107.1	0.012258
	32	8706.420	1.659	-.000	57114.506	1924.94	107.4	0.012258
	33	8707.851	1.657	-.000	57153.270	1928.23	107.7	0.012258
	34	8709.281	1.656	-.000	57192.074	1931.52	108.1	0.012258
60	35	8710.710	1.654	-.000	57230.918	1934.83	108.4	0.012258
	36	8712.138	1.653	-.000	57269.802	1938.14	108.7	0.012258
	37	8713.566	1.652	-.000	57308.726	1941.46	109.0	0.012258
	38	8714.993	1.650	-.000	57347.691	1944.79	109.3	0.012258
	39	8716.419	1.649	-.000	57386.696	1948.12	109.6	0.012258
60	40	8717.844	1.647	-.000	57425.741	1951.47	109.9	0.012258
	41	8719.269	1.646	-.000	57464.826	1954.82	110.2	0.012258
	42	8720.693	1.644	-.000	57503.953	1958.17	110.5	0.012258
	43	8722.116	1.643	-.000	57543.119	1961.54	110.8	0.012258
	44	8723.538	1.641	-.000	57582.327	1964.91	111.2	0.012258
60	45	8724.960	1.640	-.000	57621.575	1968.29	111.5	0.012258
	46	8726.381	1.639	-.000	57660.864	1971.68	111.8	0.012258
	47	8727.801	1.637	-.000	57700.193	1975.08	112.1	0.012258
	48	8729.221	1.636	-.000	57739.564	1978.48	112.4	0.012257
	49	8730.640	1.634	-.000	57778.976	1981.89	112.8	0.012257
60	50	8732.058	1.633	-.000	57818.429	1985.31	113.1	0.012257
	51	8733.475	1.631	-.000	57857.922	1988.74	113.4	0.012257
	52	8734.891	1.630	-.000	57897.458	1992.17	113.7	0.012257
	53	8736.307	1.628	-.000	57937.034	1995.62	114.0	0.012257
	54	8737.722	1.627	-.000	57976.652	1999.07	114.4	0.012257
60	55	8739.137	1.625	-.000	58016.311	2002.52	114.7	0.012257
	56	8740.550	1.624	-.000	58056.012	2005.99	115.0	0.012257
	57	8741.963	1.623	-.000	58095.754	2009.47	115.4	0.012257
	58	8743.375	1.621	-.000	58135.538	2012.95	115.7	0.012257
	59	8744.786	1.620	-.000	58175.364	2016.44	116.0	0.012257
61	00	8746.197	1.618	-.000	58215.231	2019.94	116.4	0.012257

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
61	0	8746.197	1.618	-.000	58215.231	2019.94	116.4	0.012257
	1	8747.607	1.617	-.000	58255.140	2023.44	116.7	0.012257
	2	8749.016	1.615	-.000	58295.092	2026.96	117.0	0.012257
	3	8750.425	1.614	-.000	58335.085	2030.48	117.4	0.012257
	4	8751.832	1.612	-.000	58375.120	2034.01	117.7	0.012257
61	5	8753.239	1.611	-.000	58415.198	2037.55	118.0	0.012257
	6	8754.645	1.610	-.000	58455.318	2041.10	118.4	0.012257
	7	8756.051	1.608	-.000	58495.480	2044.65	118.7	0.012257
	8	8757.455	1.607	-.000	58535.684	2048.21	119.1	0.012257
	9	8758.859	1.605	-.000	58575.931	2051.78	119.4	0.012257
61	10	8760.263	1.604	-.000	58616.221	2055.36	119.8	0.012257
	11	8761.665	1.602	-.000	58656.553	2058.95	120.1	0.012257
	12	8763.067	1.601	-.000	58696.927	2062.55	120.5	0.012257
	13	8764.468	1.599	-.000	58737.345	2066.15	120.8	0.012256
	14	8765.868	1.598	-.000	58777.805	2069.77	121.2	0.012256
61	15	8767.268	1.597	-.000	58818.308	2073.39	121.5	0.012256
	16	8768.666	1.595	-.000	58858.854	2077.02	121.9	0.012256
	17	8770.064	1.594	-.000	58899.444	2080.65	122.2	0.012256
	18	8771.462	1.592	-.000	58940.076	2084.30	122.6	0.012256
	19	8772.858	1.591	-.000	58980.752	2087.96	122.9	0.012256
61	20	8774.254	1.589	-.000	59021.470	2091.62	123.3	0.012256
	21	8775.649	1.588	-.000	59062.233	2095.29	123.6	0.012256
	22	8777.043	1.586	-.000	59103.038	2098.97	124.0	0.012256
	23	8778.437	1.585	-.000	59143.887	2102.66	124.4	0.012256
	24	8779.830	1.584	-.000	59184.780	2106.36	124.7	0.012256
61	25	8781.222	1.582	-.000	59225.716	2110.06	125.1	0.012256
	26	8782.613	1.581	-.000	59266.696	2113.78	125.4	0.012256
	27	8784.004	1.579	-.000	59307.720	2117.50	125.8	0.012256
	28	8785.394	1.578	-.000	59348.788	2121.23	126.2	0.012256
	29	8786.783	1.576	-.000	59389.900	2124.98	126.5	0.012256
61	30	8788.171	1.575	-.000	59431.056	2128.73	126.9	0.012256
	31	8789.559	1.573	-.000	59472.256	2132.48	127.3	0.012256
	32	8790.946	1.572	-.000	59513.500	2136.25	127.7	0.012256
	33	8792.332	1.571	-.000	59554.788	2140.03	128.0	0.012256
	34	8793.717	1.569	-.000	59596.121	2143.81	128.4	0.012256
61	35	8795.102	1.568	-.000	59637.498	2147.60	128.8	0.012256
	36	8796.486	1.566	-.000	59678.920	2151.41	129.2	0.012256
	37	8797.869	1.565	-.000	59720.386	2155.22	129.5	0.012256
	38	8799.251	1.563	-.000	59761.897	2159.04	129.9	0.012255
	39	8800.633	1.562	-.000	59803.453	2162.87	130.3	0.012255
61	40	8802.014	1.560	-.000	59845.054	2166.71	130.7	0.012255
	41	8803.394	1.559	-.000	59886.699	2170.55	131.1	0.012255
	42	8804.774	1.558	-.000	59928.390	2174.41	131.5	0.012255
	43	8806.152	1.556	-.000	59970.125	2178.28	131.8	0.012255
	44	8807.530	1.555	-.000	60011.906	2182.15	132.2	0.012255
61	45	8808.907	1.553	-.000	60053.732	2186.03	132.6	0.012255
	46	8810.284	1.552	-.000	60095.603	2189.93	133.0	0.012255
	47	8811.660	1.550	-.000	60137.520	2193.83	133.4	0.012255
	48	8813.035	1.549	-.000	60179.482	2197.74	133.8	0.012255
	49	8814.409	1.547	-.000	60221.490	2201.66	134.2	0.012255
61	50	8815.782	1.546	-.000	60263.543	2205.59	134.6	0.012255
	51	8817.155	1.545	-.000	60305.643	2209.53	135.0	0.012255
	52	8818.527	1.543	-.000	60347.787	2213.48	135.4	0.012255
	53	8819.898	1.542	-.000	60389.978	2217.44	135.8	0.012255
	54	8821.269	1.540	-.000	60432.215	2221.40	136.2	0.012255
61	55	8822.638	1.539	-.000	60474.498	2225.38	136.6	0.012255
	56	8824.007	1.537	-.000	60516.827	2229.37	137.0	0.012255
	57	8825.376	1.536	-.000	60559.202	2233.36	137.4	0.012255
	58	8826.743	1.534	-.000	60601.623	2237.37	137.8	0.012255
	59	8828.110	1.533	-.000	60644.091	2241.38	138.2	0.012255
62	00	8829.476	1.531	-.000	60686.605	2245.40	138.6	0.012255

TABELAS PARA CALCULOS NO SISTEMA DE PROJECKO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) KO=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=KO(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
62	0	8829.476	1.531	-.000	60686.605	2245.40	138.6	0.012255
	1	8830.841	1.530	-.000	60729.166	2249.44	139.1	0.012255
	2	8832.206	1.529	-.000	60771.773	2253.48	139.5	0.012255
	3	8833.569	1.527	-.000	60814.428	2257.53	139.9	0.012254
	4	8834.933	1.526	-.000	60857.129	2261.60	140.3	0.012254
62	5	8836.295	1.524	-.000	60899.876	2265.67	140.7	0.012254
	6	8837.656	1.523	-.000	60942.671	2269.75	141.1	0.012254
	7	8839.017	1.521	-.000	60985.513	2273.84	141.6	0.012254
	8	8840.377	1.520	-.000	61028.402	2277.94	142.0	0.012254
	9	8841.736	1.518	-.000	61071.338	2282.05	142.4	0.012254
62	10	8843.095	1.517	-.000	61114.322	2286.17	142.8	0.012254
	11	8844.453	1.516	-.000	61157.353	2290.31	143.3	0.012254
	12	8845.810	1.514	-.000	61200.431	2294.45	143.7	0.012254
	13	8847.166	1.513	-.000	61243.557	2298.60	144.1	0.012254
	14	8848.522	1.511	-.000	61286.731	2302.76	144.6	0.012254
62	15	8849.876	1.510	-.000	61329.952	2306.93	145.0	0.012254
	16	8851.230	1.508	-.000	61373.221	2311.11	145.4	0.012254
	17	8852.584	1.507	-.000	61416.538	2315.30	145.9	0.012254
	18	8853.936	1.505	-.000	61459.904	2319.50	146.3	0.012254
	19	8855.288	1.504	-.000	61503.317	2323.71	146.8	0.012254
62	20	8856.639	1.503	-.000	61546.778	2327.93	147.2	0.012254
	21	8857.989	1.501	-.000	61590.288	2332.16	147.6	0.012254
	22	8859.339	1.500	-.000	61633.846	2336.40	148.1	0.012254
	23	8860.688	1.498	-.000	61677.452	2340.65	148.5	0.012254
	24	8862.036	1.497	-.000	61721.107	2344.92	149.0	0.012254
62	25	8863.383	1.495	-.000	61764.810	2349.19	149.4	0.012254
	26	8864.730	1.494	-.000	61808.563	2353.47	149.9	0.012254
	27	8866.075	1.492	-.000	61852.364	2357.76	150.3	0.012254
	28	8867.420	1.491	-.000	61896.214	2362.07	150.8	0.012253
	29	8868.765	1.490	-.000	61940.113	2366.38	151.2	0.012253
62	30	8870.108	1.488	-.000	61984.060	2370.70	151.7	0.012253
	31	8871.451	1.487	-.000	62028.058	2375.04	152.2	0.012253
	32	8872.793	1.485	-.000	62072.104	2379.38	152.6	0.012253
	33	8874.134	1.484	-.000	62116.199	2383.74	153.1	0.012253
	34	8875.475	1.482	-.000	62160.345	2388.10	153.6	0.012253
62	35	8876.815	1.481	-.000	62204.539	2392.48	154.0	0.012253
	36	8878.154	1.479	-.000	62248.783	2396.87	154.5	0.012253
	37	8879.492	1.478	-.000	62293.077	2401.27	155.0	0.012253
	38	8880.830	1.477	-.000	62337.421	2405.67	155.4	0.012253
	39	8882.166	1.475	-.000	62381.814	2410.09	155.9	0.012253
62	40	8883.503	1.474	-.000	62426.258	2414.52	156.4	0.012253
	41	8884.838	1.472	-.000	62470.751	2418.96	156.9	0.012253
	42	8886.172	1.471	-.000	62515.295	2423.42	157.3	0.012253
	43	8887.506	1.469	-.000	62559.889	2427.88	157.8	0.012253
	44	8888.839	1.468	-.000	62604.533	2432.35	158.3	0.012253
62	45	8890.171	1.466	-.000	62649.228	2436.84	158.8	0.012253
	46	8891.503	1.465	-.000	62693.973	2441.33	159.3	0.012253
	47	8892.834	1.464	-.000	62738.769	2445.84	159.8	0.012253
	48	8894.164	1.462	-.000	62783.615	2450.36	160.2	0.012253
	49	8895.493	1.461	-.000	62828.513	2454.88	160.7	0.012253
62	50	8896.822	1.459	-.000	62873.461	2459.42	161.2	0.012253
	51	8898.149	1.458	-.000	62918.460	2463.97	161.7	0.012253
	52	8899.476	1.456	-.000	62963.511	2468.54	162.2	0.012253
	53	8900.803	1.455	-.000	63008.612	2473.11	162.7	0.012253
	54	8902.128	1.453	-.000	63053.765	2477.69	163.2	0.012252
62	55	8903.453	1.452	-.000	63098.969	2482.29	163.7	0.012252
	56	8904.777	1.451	-.000	63144.225	2486.90	164.2	0.012252
	57	8906.100	1.449	-.000	63189.532	2491.51	164.7	0.012252
	58	8907.423	1.448	-.000	63234.891	2496.14	165.2	0.012252
	59	8908.744	1.446	-.000	63280.301	2500.78	165.8	0.012252
63	00	8910.065	1.445	-.000	63325.764	2505.44	166.3	0.012252

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
63	0	8910.065	1.445	-.000	63325.764	2505.44	166.3	0.012252
	1	8911.385	1.443	-.000	63371.278	2510.10	166.8	0.012252
	2	8912.705	1.442	-.000	63416.844	2514.78	167.3	0.012252
	3	8914.024	1.440	-.000	63462.463	2519.46	167.8	0.012252
	4	8915.342	1.439	-.000	63508.134	2524.16	168.3	0.012252
63	5	8916.659	1.438	-.000	63553.857	2528.87	168.9	0.012252
	6	8917.975	1.436	-.000	63599.632	2533.59	169.4	0.012252
	7	8919.291	1.435	-.000	63645.460	2538.33	169.9	0.012252
	8	8920.606	1.433	-.000	63691.341	2543.07	170.4	0.012252
	9	8921.920	1.432	-.000	63737.274	2547.83	171.0	0.012252
63	10	8923.234	1.430	-.000	63783.261	2552.60	171.5	0.012252
	11	8924.546	1.429	-.000	63829.300	2557.38	172.0	0.012252
	12	8925.858	1.428	-.000	63875.392	2562.17	172.6	0.012252
	13	8927.169	1.426	-.000	63921.537	2566.97	173.1	0.012252
	14	8928.480	1.425	-.000	63967.736	2571.79	173.6	0.012252
63	15	8929.789	1.423	-.000	64013.988	2576.62	174.2	0.012252
	16	8931.098	1.422	-.000	64060.293	2581.46	174.7	0.012252
	17	8932.406	1.420	-.000	64106.652	2586.31	175.3	0.012252
	18	8933.714	1.419	-.000	64153.064	2591.18	175.8	0.012252
	19	8935.021	1.417	-.000	64199.530	2596.05	176.4	0.012251
63	20	8936.326	1.416	-.000	64246.050	2600.94	176.9	0.012251
	21	8937.632	1.415	-.000	64292.624	2605.84	177.5	0.012251
	22	8938.936	1.413	-.000	64339.252	2610.76	178.0	0.012251
	23	8940.240	1.412	-.000	64385.934	2615.68	178.6	0.012251
	24	8941.542	1.410	-.000	64432.671	2620.62	179.1	0.012251
63	25	8942.844	1.409	-.000	64479.461	2625.57	179.7	0.012251
	26	8944.146	1.407	-.000	64526.306	2630.53	180.3	0.012251
	27	8945.446	1.406	-.000	64573.206	2635.51	180.8	0.012251
	28	8946.746	1.404	-.000	64620.160	2640.50	181.4	0.012251
	29	8948.045	1.403	-.000	64667.169	2645.50	182.0	0.012251
63	30	8949.344	1.402	-.000	64714.233	2650.51	182.5	0.012251
	31	8950.641	1.400	-.000	64761.352	2655.53	183.1	0.012251
	32	8951.938	1.399	-.000	64808.526	2660.57	183.7	0.012251
	33	8953.234	1.397	-.000	64855.755	2665.62	184.3	0.012251
	34	8954.529	1.396	-.000	64903.039	2670.69	184.8	0.012251
63	35	8955.824	1.394	-.000	64950.379	2675.76	185.4	0.012251
	36	8957.118	1.393	-.000	64997.774	2680.85	186.0	0.012251
	37	8958.411	1.392	-.000	65045.225	2685.95	186.6	0.012251
	38	8959.703	1.390	-.000	65092.731	2691.07	187.2	0.012251
	39	8960.994	1.389	-.000	65140.294	2696.19	187.8	0.012251
63	40	8962.285	1.387	-.000	65187.912	2701.34	188.4	0.012251
	41	8963.575	1.386	-.000	65235.586	2706.49	189.0	0.012251
	42	8964.864	1.384	-.000	65283.316	2711.66	189.6	0.012251
	43	8966.153	1.383	-.000	65331.103	2716.84	190.2	0.012251
	44	8967.440	1.381	-.000	65378.946	2722.03	190.8	0.012251
63	45	8968.727	1.380	-.000	65426.845	2727.23	191.4	0.012251
	46	8970.014	1.379	-.000	65474.801	2732.45	192.0	0.012250
	47	8971.299	1.377	-.000	65522.813	2737.69	192.6	0.012250
	48	8972.584	1.376	-.000	65570.883	2742.93	193.2	0.012250
	49	8973.868	1.374	-.000	65619.009	2748.19	193.8	0.012250
63	50	8975.151	1.373	-.000	65667.192	2753.46	194.4	0.012250
	51	8976.433	1.371	-.000	65715.432	2758.75	195.1	0.012250
	52	8977.715	1.370	-.000	65763.729	2764.05	195.7	0.012250
	53	8978.996	1.369	-.000	65812.084	2769.36	196.3	0.012250
	54	8980.276	1.367	-.000	65860.496	2774.69	196.9	0.012250
63	55	8981.555	1.366	-.000	65908.966	2780.03	197.6	0.012250
	56	8982.834	1.354	-.000	65957.493	2785.38	198.2	0.012250
	57	8984.112	1.363	-.000	66006.078	2790.75	198.8	0.012250
	58	8985.389	1.361	-.000	66054.721	2796.13	199.5	0.012250
	59	8986.665	1.350	-.000	66103.422	2801.53	200.1	0.012250
64	00	8987.940	1.358	-.000	66152.181	2806.93	200.8	0.012250

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
64	0	8987.940	1.358	-.000	66152.181	2806.93	200.8	0.012250
	1	8989.215	1.357	-.000	66200.999	2812.36	201.4	0.012250
	2	8990.489	1.356	-.000	66249.874	2817.79	202.0	0.012250
	3	8991.763	1.354	-.000	66298.808	2823.24	202.7	0.012250
	4	8993.035	1.353	-.000	66347.801	2828.71	203.3	0.012250
64	5	8994.307	1.351	-.000	66396.852	2834.19	204.0	0.012250
	6	8995.578	1.350	-.000	66445.962	2839.68	204.7	0.012250
	7	8996.848	1.348	-.000	66495.131	2845.19	205.3	0.012250
	8	8998.117	1.347	-.000	66544.359	2850.71	206.0	0.012250
	9	8999.386	1.346	-.000	66593.646	2856.24	206.6	0.012250
64	10	9000.654	1.344	-.000	66642.992	2861.79	207.3	0.012250
	11	9001.921	1.343	-.000	66692.397	2867.36	208.0	0.012250
	12	9003.188	1.341	-.000	66741.862	2872.93	208.6	0.012249
	13	9004.453	1.340	-.000	66791.387	2878.53	209.3	0.012249
	14	9005.718	1.338	-.000	66840.971	2884.13	210.0	0.012249
64	15	9006.982	1.337	-.000	66890.615	2889.75	210.7	0.012249
	16	9008.246	1.336	-.000	66940.319	2895.39	211.4	0.012249
	17	9009.508	1.334	-.000	66990.083	2901.04	212.0	0.012249
	18	9010.770	1.333	-.000	67039.907	2906.71	212.7	0.012249
	19	9012.031	1.331	-.000	67089.792	2912.39	213.4	0.012249
64	20	9013.292	1.330	-.000	67139.737	2918.08	214.1	0.012249
	21	9014.551	1.328	-.000	67189.742	2923.79	214.8	0.012249
	22	9015.810	1.327	-.000	67239.808	2929.51	215.5	0.012249
	23	9017.068	1.326	-.000	67289.935	2935.25	216.2	0.012249
	24	9018.325	1.324	-.000	67340.122	2941.01	216.9	0.012249
64	25	9019.582	1.323	-.000	67390.371	2946.78	217.6	0.012249
	26	9020.838	1.321	-.000	67440.680	2952.56	218.3	0.012249
	27	9022.092	1.320	-.000	67491.051	2958.36	219.0	0.012249
	28	9023.347	1.318	-.000	67541.484	2964.17	219.8	0.012249
	29	9024.600	1.317	-.000	67591.977	2970.00	220.5	0.012249
64	30	9025.853	1.316	-.000	67642.533	2975.85	221.2	0.012249
	31	9027.105	1.314	-.000	67693.150	2981.71	221.9	0.012249
	32	9028.356	1.313	-.000	67743.829	2987.58	222.6	0.012249
	33	9029.606	1.311	-.000	67794.570	2993.47	223.4	0.012249
	34	9030.856	1.310	-.000	67845.372	2999.38	224.1	0.012249
64	35	9032.105	1.308	-.000	67896.238	3005.30	224.8	0.012249
	36	9033.353	1.307	-.000	67947.165	3011.24	225.6	0.012249
	37	9034.600	1.306	-.000	67998.155	3017.19	226.3	0.012249
	38	9035.847	1.304	-.000	68049.207	3023.16	227.1	0.012249
	39	9037.093	1.303	-.000	68100.322	3029.14	227.8	0.012248
64	40	9038.338	1.301	-.000	68151.500	3035.14	228.6	0.012248
	41	9039.582	1.300	-.000	68202.741	3041.16	229.3	0.012248
	42	9040.825	1.298	-.000	68254.045	3047.19	230.1	0.012248
	43	9042.068	1.297	-.000	68305.412	3053.24	230.8	0.012248
	44	9043.310	1.296	-.000	68356.843	3059.30	231.6	0.012248
64	45	9044.551	1.294	-.000	68408.337	3065.38	232.4	0.012248
	46	9045.792	1.293	-.000	68459.894	3071.48	233.1	0.012248
	47	9047.032	1.291	-.000	68511.515	3077.59	233.9	0.012248
	48	9048.271	1.290	-.000	68563.200	3083.71	234.7	0.012248
	49	9049.509	1.288	-.000	68614.949	3089.86	235.4	0.012248
64	50	9050.746	1.287	-.000	68666.762	3096.02	236.2	0.012248
	51	9051.983	1.286	-.000	68718.640	3102.19	237.0	0.012248
	52	9053.219	1.284	-.000	68770.581	3108.39	237.8	0.012248
	53	9054.454	1.283	-.000	68822.587	3114.60	238.6	0.012248
	54	9055.688	1.281	-.000	68874.658	3120.82	239.4	0.012248
64	55	9056.922	1.280	-.000	68926.793	3127.06	240.2	0.012248
	56	9058.154	1.279	-.000	68978.993	3133.32	241.0	0.012248
	57	9059.386	1.277	-.000	69031.259	3139.60	241.8	0.012248
	58	9060.618	1.276	-.000	69083.589	3145.89	242.6	0.012248
	59	9061.848	1.274	-.000	69135.984	3152.20	243.4	0.012248
65	00	9063.078	1.273	-.000	69188.445	3158.52	244.2	0.012248

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) KO=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=KO(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
65	0	9063.078	1.273	-.000	69188.445	3158.52	244.2	0.012248
	1	9064.307	1.271	-.000	69240.972	3164.87	245.0	0.012248
	2	9065.535	1.270	-.000	69293.564	3171.23	245.8	0.012248
	3	9066.762	1.269	-.000	69346.222	3177.60	246.6	0.012248
	4	9067.989	1.267	-.000	69398.945	3184.00	247.5	0.012248
65	5	9069.215	1.266	-.000	69451.735	3190.41	248.3	0.012248
	6	9070.440	1.264	-.000	69504.591	3196.83	249.1	0.012247
	7	9071.665	1.263	-.000	69557.513	3203.28	250.0	0.012247
	8	9072.888	1.261	-.000	69610.502	3209.74	250.8	0.012247
	9	9074.111	1.260	-.000	69663.557	3216.22	251.6	0.012247
65	10	9075.333	1.259	-.000	69716.679	3222.72	252.5	0.012247
	11	9076.554	1.257	-.000	69769.868	3229.23	253.3	0.012247
	12	9077.775	1.256	-.000	69823.123	3235.76	254.2	0.012247
	13	9078.995	1.254	-.000	69876.446	3242.31	255.0	0.012247
	14	9080.214	1.253	-.000	69929.836	3248.88	255.9	0.012247
65	15	9081.432	1.252	-.000	69983.294	3255.46	256.8	0.012247
	16	9082.649	1.250	-.000	70036.819	3262.07	257.6	0.012247
	17	9083.866	1.249	-.000	70090.411	3268.69	258.5	0.012247
	18	9085.082	1.247	-.000	70144.072	3275.32	259.4	0.012247
	19	9086.297	1.246	-.000	70197.800	3281.98	260.2	0.012247
65	20	9087.511	1.244	-.000	70251.596	3288.65	261.1	0.012247
	21	9088.725	1.243	-.000	70305.461	3295.35	262.0	0.012247
	22	9089.938	1.242	-.000	70359.394	3302.06	262.9	0.012247
	23	9091.150	1.240	-.000	70413.395	3308.78	263.8	0.012247
	24	9092.361	1.239	-.000	70467.465	3315.53	264.7	0.012247
65	25	9093.572	1.237	-.000	70521.604	3322.29	265.6	0.012247
	26	9094.781	1.236	-.000	70575.812	3329.08	266.5	0.012247
	27	9095.990	1.235	-.000	70630.089	3335.88	267.4	0.012247
	28	9097.199	1.233	-.000	70684.435	3342.70	268.3	0.012247
	29	9098.406	1.232	-.000	70738.850	3349.54	269.2	0.012247
65	30	9099.613	1.230	-.000	70793.335	3356.39	270.1	0.012247
	31	9100.819	1.229	-.000	70847.889	3363.27	271.0	0.012247
	32	9102.024	1.227	-.000	70902.513	3370.16	272.0	0.012247
	33	9103.228	1.226	-.000	70957.207	3377.08	272.9	0.012246
	34	9104.432	1.225	-.000	71011.971	3384.01	273.8	0.012246
65	35	9105.635	1.223	-.000	71066.805	3390.96	274.8	0.012246
	36	9106.837	1.222	-.000	71121.710	3397.93	275.7	0.012246
	37	9108.038	1.220	-.000	71176.685	3404.92	276.6	0.012246
	38	9109.238	1.219	-.000	71231.731	3411.93	277.6	0.012246
	39	9110.438	1.218	-.000	71286.847	3418.95	278.5	0.012246
65	40	9111.637	1.216	-.000	71342.034	3426.00	279.5	0.012246
	41	9112.835	1.215	-.000	71397.293	3433.07	280.5	0.012246
	42	9114.033	1.213	-.000	71452.622	3440.15	281.4	0.012246
	43	9115.229	1.212	-.000	71508.023	3447.26	282.4	0.012246
	44	9116.425	1.211	-.000	71563.496	3454.38	283.3	0.012246
65	45	9117.620	1.209	-.000	71619.040	3461.52	284.3	0.012246
	46	9118.815	1.208	-.000	71674.656	3468.69	285.3	0.012246
	47	9120.008	1.206	-.000	71730.344	3475.87	286.3	0.012246
	48	9121.201	1.205	-.000	71786.104	3483.07	287.3	0.012246
	49	9122.393	1.204	-.000	71841.936	3490.30	288.3	0.012246
65	50	9123.584	1.202	-.000	71897.840	3497.54	289.3	0.012246
	51	9124.775	1.201	-.000	71953.817	3504.80	290.3	0.012246
	52	9125.965	1.199	-.000	72009.867	3512.08	291.3	0.012246
	53	9127.154	1.198	-.000	72065.990	3519.39	292.3	0.012246
	54	9128.342	1.196	-.000	72122.185	3526.71	293.3	0.012246
65	55	9129.529	1.195	-.000	72178.454	3534.05	294.3	0.012246
	56	9130.716	1.194	-.000	72234.796	3541.42	295.3	0.012246
	57	9131.902	1.192	-.000	72291.212	3548.80	296.3	0.012246
	58	9133.087	1.191	-.000	72347.701	3556.21	297.4	0.012246
	59	9134.271	1.189	-.000	72404.264	3563.63	298.4	0.012246
66	00	9135.455	1.188	-.000	72460.901	3571.08	299.4	0.012246

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
66	0	9135.455	1.188	-.000	72460.901	3571.08	299.4	0.012246
	1	9136.637	1.187	-.000	72517.612	3578.54	300.5	0.012245
	2	9137.819	1.185	-.000	72574.397	3586.03	301.5	0.012245
	3	9139.001	1.184	-.000	72631.256	3593.54	302.6	0.012245
	4	9140.181	1.182	-.000	72688.190	3601.07	303.6	0.012245
66	5	9141.361	1.181	-.000	72745.199	3608.62	304.7	0.012245
	6	9142.540	1.180	-.000	72802.283	3616.19	305.7	0.012245
	7	9143.718	1.178	-.000	72859.441	3623.78	306.8	0.012245
	8	9144.895	1.177	-.000	72916.675	3631.39	307.9	0.012245
	9	9146.072	1.175	-.000	72973.984	3639.02	309.0	0.012245
66	10	9147.247	1.174	-.000	73031.368	3646.68	310.0	0.012245
	11	9148.422	1.173	-.000	73088.829	3654.36	311.1	0.012245
	12	9149.597	1.171	-.000	73146.365	3662.06	312.2	0.012245
	13	9150.770	1.170	-.000	73203.977	3669.78	313.3	0.012245
	14	9151.943	1.168	-.000	73261.665	3677.52	314.4	0.012245
66	15	9153.115	1.167	-.000	73319.429	3685.28	315.5	0.012245
	16	9154.286	1.166	-.000	73377.270	3693.07	316.6	0.012245
	17	9155.456	1.164	-.000	73435.187	3700.87	317.7	0.012245
	18	9156.626	1.163	-.000	73493.181	3708.70	318.8	0.012245
	19	9157.795	1.161	-.000	73551.252	3716.55	320.0	0.012245
66	20	9158.963	1.160	-.000	73609.400	3724.43	321.1	0.012245
	21	9160.130	1.159	-.000	73667.626	3732.32	322.2	0.012245
	22	9161.297	1.157	-.000	73725.929	3740.24	323.4	0.012245
	23	9162.462	1.156	-.000	73784.309	3748.18	324.5	0.012245
	24	9163.627	1.154	-.000	73842.767	3756.14	325.7	0.012245
66	25	9164.791	1.153	-.000	73901.303	3764.13	326.8	0.012245
	26	9165.955	1.152	-.000	73959.917	3772.14	328.0	0.012245
	27	9167.118	1.150	-.000	74018.610	3780.17	329.1	0.012245
	28	9168.279	1.149	-.000	74077.381	3788.22	330.3	0.012245
	29	9169.440	1.147	-.000	74136.230	3796.29	331.5	0.012244
66	30	9170.601	1.146	-.000	74195.158	3804.39	332.6	0.012244
	31	9171.760	1.145	-.000	74254.165	3812.52	333.8	0.012244
	32	9172.919	1.143	-.000	74313.251	3820.66	335.0	0.012244
	33	9174.077	1.142	-.000	74372.417	3828.83	336.2	0.012244
	34	9175.234	1.141	-.000	74431.661	3837.02	337.4	0.012244
66	35	9176.391	1.139	-.000	74490.986	3845.23	338.6	0.012244
	36	9177.546	1.138	-.000	74550.390	3853.47	339.8	0.012244
	37	9178.701	1.136	-.000	74609.874	3861.73	341.0	0.012244
	38	9179.855	1.135	-.000	74669.438	3870.02	342.2	0.012244
	39	9181.009	1.134	-.000	74729.083	3878.33	343.4	0.012244
66	40	9182.161	1.132	-.000	74788.807	3886.66	344.7	0.012244
	41	9183.313	1.131	-.000	74848.613	3895.01	345.9	0.012244
	42	9184.464	1.129	-.000	74908.499	3903.39	347.1	0.012244
	43	9185.614	1.128	-.000	74968.467	3911.80	348.4	0.012244
	44	9186.763	1.127	-.000	75028.515	3920.23	349.6	0.012244
66	45	9187.912	1.125	-.000	75088.645	3928.68	350.9	0.012244
	46	9189.060	1.124	-.000	75148.856	3937.15	352.1	0.012244
	47	9190.207	1.122	-.000	75209.149	3945.65	353.4	0.012244
	48	9191.353	1.121	-.000	75269.524	3954.18	354.7	0.012244
	49	9192.499	1.120	-.000	75329.980	3962.73	356.0	0.012244
66	50	9193.644	1.118	-.000	75390.519	3971.30	357.2	0.012244
	51	9194.788	1.117	-.000	75451.141	3979.90	358.5	0.012244
	52	9195.931	1.116	-.000	75511.845	3988.53	359.8	0.012244
	53	9197.073	1.114	-.000	75572.631	3997.17	361.1	0.012244
	54	9198.215	1.113	-.000	75633.501	4005.85	362.4	0.012244
66	55	9199.356	1.111	-.000	75694.454	4014.55	363.7	0.012244
	56	9200.496	1.110	-.000	75755.490	4023.27	365.0	0.012244
	57	9201.635	1.109	-.000	75816.609	4032.02	366.4	0.012244
	58	9202.774	1.107	-.000	75877.812	4040.79	367.7	0.012243
	59	9203.912	1.106	-.000	75939.099	4049.59	369.0	0.012243
67	00	9205.049	1.104	-.000	76000.470	4058.42	370.4	0.012243

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
67	0	9205.049	1.104	-.000	76000.470	4058.42	370.4	0.012243
	1	9206.185	1.103	-.000	76061.925	4067.27	371.7	0.012243
	2	9207.320	1.102	-.000	76123.464	4076.15	373.1	0.012243
	3	9208.455	1.100	-.000	76185.088	4085.05	374.4	0.012243
	4	9209.589	1.099	-.000	76246.797	4093.98	375.8	0.012243
67	5	9210.722	1.098	-.000	76308.591	4102.93	377.1	0.012243
	6	9211.854	1.096	-.000	76370.469	4111.91	378.5	0.012243
	7	9212.986	1.095	-.000	76432.434	4120.92	379.9	0.012243
	8	9214.116	1.093	-.000	76494.483	4129.95	381.3	0.012243
	9	9215.246	1.092	-.000	76556.618	4139.01	382.7	0.012243
67	10	9216.375	1.091	-.000	76618.839	4148.09	384.1	0.012243
	11	9217.504	1.089	-.000	76681.147	4157.20	385.5	0.012243
	12	9218.632	1.088	-.000	76743.540	4166.34	386.9	0.012243
	13	9219.758	1.087	-.000	76806.020	4175.51	388.3	0.012243
	14	9220.884	1.085	-.000	76868.586	4184.70	389.7	0.012243
67	15	9222.010	1.084	-.000	76931.239	4193.92	391.1	0.012243
	16	9223.134	1.082	-.000	76993.980	4203.16	392.6	0.012243
	17	9224.258	1.081	-.000	77056.807	4212.44	394.0	0.012243
	18	9225.381	1.080	-.000	77119.722	4221.74	395.5	0.012243
	19	9226.503	1.078	-.000	77182.724	4231.06	396.9	0.012243
67	20	9227.624	1.077	-.000	77245.814	4240.42	398.4	0.012243
	21	9228.745	1.076	-.000	77308.993	4249.80	399.8	0.012243
	22	9229.865	1.074	-.000	77372.259	4259.21	401.3	0.012243
	23	9230.984	1.073	-.000	77435.614	4268.65	402.8	0.012243
	24	9232.102	1.071	-.000	77499.057	4278.12	404.3	0.012243
67	25	9233.220	1.070	-.000	77562.589	4287.61	405.8	0.012243
	26	9234.336	1.069	-.000	77626.210	4297.13	407.3	0.012243
	27	9235.452	1.067	-.000	77689.920	4306.68	408.8	0.012242
	28	9236.567	1.056	-.000	77753.719	4316.26	410.3	0.012242
	29	9237.682	1.065	-.000	77817.608	4325.87	411.8	0.012242
67	30	9238.795	1.063	-.000	77881.587	4335.50	413.3	0.012242
	31	9239.908	1.062	-.000	77945.655	4345.16	414.9	0.012242
	32	9241.020	1.060	-.000	78009.814	4354.86	416.4	0.012242
	33	9242.131	1.059	-.000	78074.063	4364.58	418.0	0.012242
	34	9243.242	1.058	-.000	78138.403	4374.33	419.5	0.012242
67	35	9244.351	1.056	-.000	78202.833	4384.11	421.1	0.012242
	36	9245.460	1.055	-.000	78267.355	4393.91	422.6	0.012242
	37	9246.568	1.054	-.000	78331.967	4403.75	424.2	0.012242
	38	9247.676	1.052	-.000	78396.671	4413.62	425.8	0.012242
	39	9248.782	1.051	-.000	78461.466	4423.51	427.4	0.012242
67	40	9249.888	1.050	-.000	78526.354	4433.44	429.0	0.012242
	41	9250.993	1.048	-.000	78591.333	4443.39	430.6	0.012242
	42	9252.097	1.047	-.000	78656.404	4453.38	432.2	0.012242
	43	9253.201	1.045	-.000	78721.568	4463.39	433.8	0.012242
	44	9254.303	1.044	-.000	78786.824	4473.44	435.4	0.012242
67	45	9255.405	1.043	-.000	78852.173	4483.51	437.1	0.012242
	46	9256.506	1.041	-.000	78917.616	4493.62	438.7	0.012242
	47	9257.606	1.040	-.000	78983.151	4503.75	440.4	0.012242
	48	9258.706	1.039	-.000	79048.780	4513.92	442.0	0.012242
	49	9259.805	1.037	-.000	79114.502	4524.11	443.7	0.012242
67	50	9260.902	1.036	-.000	79180.319	4534.34	445.3	0.012242
	51	9262.000	1.035	-.000	79246.229	4544.60	447.0	0.012242
	52	9263.096	1.033	-.000	79312.234	4554.89	448.7	0.012242
	53	9264.192	1.032	-.000	79378.333	4565.21	450.4	0.012242
	54	9265.286	1.030	-.000	79444.527	4575.56	452.1	0.012242
67	55	9266.380	1.029	-.000	79510.816	4585.94	453.8	0.012242
	56	9267.474	1.028	-.000	79577.200	4596.35	455.5	0.012242
	57	9268.566	1.026	-.000	79643.679	4606.80	457.2	0.012241
	58	9269.658	1.025	-.000	79710.254	4617.27	459.0	0.012241
	59	9270.748	1.024	-.000	79776.925	4627.78	460.7	0.012241
68	00	9271.839	1.022	-.000	79843.691	4638.32	462.4	0.012241

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
68	0	9271.839	1.022	-.000	79843.691	4638.32	462.4	0.012241
	1	9272.928	1.021	-.000	79910.554	4648.89	464.2	0.012241
	2	9274.016	1.020	-.000	79977.514	4659.50	466.0	0.012241
	3	9275.104	1.018	-.000	80044.570	4670.13	467.7	0.012241
	4	9276.191	1.017	-.000	80111.722	4680.80	469.5	0.012241
68	5	9277.277	1.016	-.000	80178.973	4691.50	471.3	0.012241
	6	9278.363	1.014	-.000	80246.320	4702.24	473.1	0.012241
	7	9279.447	1.013	-.000	80313.765	4713.00	474.9	0.012241
	8	9280.531	1.011	-.000	80381.308	4723.80	476.7	0.012241
	9	9281.614	1.010	-.000	80448.948	4734.63	478.5	0.012241
68	10	9282.696	1.009	-.000	80516.687	4745.50	480.4	0.012241
	11	9283.778	1.007	-.000	80584.525	4756.40	482.2	0.012241
	12	9284.858	1.006	-.000	80652.461	4767.33	484.0	0.012241
	13	9285.938	1.005	-.000	80720.496	4778.29	485.9	0.012241
	14	9287.017	1.003	-.000	80788.630	4789.29	487.8	0.012241
68	15	9288.096	1.002	-.000	80856.863	4800.32	489.6	0.012241
	16	9289.173	1.001	-.000	80925.197	4811.39	491.5	0.012241
	17	9290.250	0.999	-.000	80993.629	4822.49	493.4	0.012241
	18	9291.326	0.998	-.000	81062.162	4833.62	495.3	0.012241
	19	9292.401	0.997	-.000	81130.796	4844.79	497.2	0.012241
68	20	9293.475	0.995	-.000	81199.529	4856.00	499.1	0.012241
	21	9294.549	0.994	-.000	81268.364	4867.23	501.0	0.012241
	22	9295.622	0.993	-.000	81337.299	4878.50	503.0	0.012241
	23	9296.694	0.991	-.000	81406.336	4889.81	504.9	0.012241
	24	9297.765	0.990	-.000	81475.474	4901.15	506.8	0.012241
68	25	9298.835	0.989	-.000	81544.714	4912.53	508.8	0.012241
	26	9299.905	0.987	-.000	81614.056	4923.94	510.8	0.012241
	27	9300.974	0.986	-.000	81683.500	4935.39	512.7	0.012240
	28	9302.042	0.985	-.000	81753.046	4946.87	514.7	0.012240
	29	9303.109	0.983	-.000	81822.695	4958.39	516.7	0.012240
68	30	9304.176	0.982	-.000	81892.447	4969.94	518.7	0.012240
	31	9305.241	0.980	-.000	81962.302	4981.53	520.7	0.012240
	32	9306.306	0.979	-.000	82032.261	4993.16	522.8	0.012240
	33	9307.370	0.978	-.000	82102.322	5004.82	524.8	0.012240
	34	9308.434	0.976	-.000	82172.488	5016.52	526.8	0.012240
68	35	9309.496	0.975	-.000	82242.758	5028.25	528.9	0.012240
	36	9310.558	0.974	-.000	82313.132	5040.02	531.0	0.012240
	37	9311.619	0.972	-.000	82383.611	5051.83	533.0	0.012240
	38	9312.679	0.971	-.000	82454.195	5063.67	535.1	0.012240
	39	9313.739	0.970	-.000	82524.883	5075.56	537.2	0.012240
68	40	9314.797	0.968	-.000	82595.677	5087.47	539.3	0.012240
	41	9315.855	0.967	-.000	82666.577	5099.43	541.4	0.012240
	42	9316.912	0.966	-.000	82737.582	5111.42	543.5	0.012240
	43	9317.969	0.964	-.000	82808.693	5123.45	545.7	0.012240
	44	9319.024	0.963	-.000	82879.911	5135.52	547.8	0.012240
68	45	9320.079	0.962	-.000	82951.235	5147.63	549.9	0.012240
	46	9321.133	0.960	-.000	83022.666	5159.77	552.1	0.012240
	47	9322.186	0.959	-.000	83094.204	5171.96	554.3	0.012240
	48	9323.238	0.958	-.000	83165.850	5184.18	556.5	0.012240
	49	9324.290	0.956	-.000	83237.603	5196.44	558.6	0.012240
68	50	9325.340	0.955	-.000	83309.463	5208.74	560.8	0.012240
	51	9326.390	0.954	-.000	83381.432	5221.07	563.1	0.012240
	52	9327.439	0.952	-.000	83453.509	5233.45	565.3	0.012240
	53	9328.488	0.951	-.000	83525.695	5245.86	567.5	0.012240
	54	9329.535	0.950	-.000	83597.990	5258.32	569.8	0.012240
68	55	9330.582	0.948	-.000	83670.394	5270.81	572.0	0.012240
	56	9331.628	0.947	-.000	83742.907	5283.34	574.3	0.012240
	57	9332.673	0.946	-.000	83815.529	5295.92	576.6	0.012240
	58	9333.718	0.944	-.000	83888.262	5308.53	578.8	0.012239
	59	9334.761	0.943	-.000	83961.105	5321.18	581.1	0.012239
69	00	9335.804	0.942	-.000	84034.058	5333.87	583.4	0.012239

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
69	0	9335.804	0.942	-.000	84034.058	5333.87	583.4	0.012239
	1	9336.846	0.940	-.000	84107.122	5346.61	585.8	0.012239
	2	9337.888	0.939	-.000	84180.296	5359.38	588.1	0.012239
	3	9338.928	0.938	-.000	84253.582	5372.19	590.4	0.012239
	4	9339.968	0.937	-.000	84326.980	5385.05	592.8	0.012239
69	5	9341.007	0.935	-.000	84400.489	5397.94	595.1	0.012239
	6	9342.045	0.934	-.000	84474.110	5410.88	597.5	0.012239
	7	9343.082	0.933	-.000	84547.844	5423.86	599.9	0.012239
	8	9344.119	0.931	-.000	84621.690	5436.88	602.3	0.012239
	9	9345.154	0.930	-.000	84695.648	5449.94	604.7	0.012239
69	10	9346.189	0.929	-.000	84769.720	5463.04	607.1	0.012239
	11	9347.223	0.927	-.000	84843.906	5476.19	609.6	0.012239
	12	9348.257	0.926	-.000	84918.204	5489.38	612.0	0.012239
	13	9349.289	0.925	-.000	84992.617	5502.61	614.5	0.012239
	14	9350.321	0.923	-.000	85067.144	5515.88	616.9	0.012239
69	15	9351.352	0.922	-.000	85141.786	5529.19	619.4	0.012239
	16	9352.382	0.921	-.000	85216.542	5542.55	621.9	0.012239
	17	9353.412	0.919	-.000	85291.413	5555.95	624.4	0.012239
	18	9354.440	0.918	-.000	85366.399	5569.39	626.9	0.012239
	19	9355.468	0.917	-.000	85441.501	5582.88	629.5	0.012239
69	20	9356.495	0.915	-.000	85516.719	5596.41	632.0	0.012239
	21	9357.521	0.914	-.000	85592.053	5609.99	634.5	0.012239
	22	9358.547	0.913	-.000	85667.503	5623.60	637.1	0.012239
	23	9359.571	0.911	-.000	85743.070	5637.27	639.7	0.012239
	24	9360.595	0.910	-.000	85818.754	5650.97	642.3	0.012239
69	25	9361.618	0.909	-.000	85894.556	5664.72	644.9	0.012239
	26	9362.641	0.908	-.000	85970.475	5678.52	647.5	0.012239
	27	9363.662	0.906	-.000	86046.511	5692.36	650.1	0.012239
	28	9364.683	0.905	-.000	86122.666	5706.24	652.8	0.012239
	29	9365.703	0.904	-.000	86198.939	5720.17	655.4	0.012239
69	30	9366.722	0.902	-.000	86275.331	5734.15	658.1	0.012238
	31	9367.740	0.901	-.000	86351.842	5748.17	660.8	0.012238
	32	9368.758	0.900	-.000	86428.472	5762.24	663.5	0.012238
	33	9369.774	0.898	-.000	86505.222	5776.35	666.2	0.012238
	34	9370.790	0.897	-.000	86582.091	5790.51	668.9	0.012238
69	35	9371.806	0.896	-.000	86659.081	5804.71	671.6	0.012238
	36	9372.820	0.894	-.000	86736.191	5818.96	674.4	0.012238
	37	9373.833	0.893	-.000	86813.422	5833.26	677.1	0.012238
	38	9374.846	0.892	-.000	86890.774	5847.61	679.9	0.012238
	39	9375.858	0.891	-.000	86968.247	5862.00	682.7	0.012238
69	40	9376.869	0.889	-.000	87045.842	5876.44	685.5	0.012238
	41	9377.880	0.888	-.000	87123.559	5890.92	688.3	0.012238
	42	9378.889	0.887	-.000	87201.398	5905.46	691.1	0.012238
	43	9379.898	0.885	-.000	87279.360	5920.04	694.0	0.012238
	44	9380.906	0.884	-.000	87357.445	5934.67	696.8	0.012238
69	45	9381.913	0.883	-.000	87435.652	5949.35	699.7	0.012238
	46	9382.920	0.881	-.000	87513.984	5964.07	702.6	0.012238
	47	9383.925	0.880	-.000	87592.438	5978.85	705.5	0.012238
	48	9384.930	0.879	-.000	87671.017	5993.67	708.4	0.012238
	49	9385.934	0.878	-.000	87749.721	6008.54	711.3	0.012238
69	50	9386.938	0.876	-.000	87828.549	6023.46	714.3	0.012238
	51	9387.940	0.875	-.000	87907.502	6038.44	717.2	0.012238
	52	9388.942	0.874	-.000	87986.580	6053.46	720.2	0.012238
	53	9389.942	0.872	-.000	88065.784	6068.53	723.2	0.012238
	54	9390.943	0.871	-.000	88145.114	6083.65	726.2	0.012238
69	55	9391.942	0.870	-.000	88224.570	6098.82	729.2	0.012238
	56	9392.940	0.868	-.000	88304.153	6114.04	732.2	0.012238
	57	9393.938	0.867	-.000	88383.862	6129.31	735.3	0.012238
	58	9394.935	0.866	-.000	88463.699	6144.63	738.3	0.012238
	59	9395.931	0.865	-.000	88543.663	6160.00	741.4	0.012238
70	00	9396.926	0.863	-.000	88623.755	6175.43	744.5	0.012238

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
70	0	9396.926	0.863	-.000	88623.755	6175.43	744.5	0.012238
	1	9397.921	0.862	-.000	88703.975	6190.91	747.6	0.012238
	2	9398.914	0.861	-.000	88784.324	6206.43	750.7	0.012237
	3	9399.907	0.859	-.000	88864.802	6222.01	753.9	0.012237
	4	9400.899	0.858	-.000	88945.408	6237.65	757.0	0.012237
70	5	9401.891	0.857	-.000	89026.144	6253.33	760.2	0.012237
	6	9402.881	0.856	-.000	89107.010	6269.07	763.4	0.012237
	7	9403.871	0.854	-.000	89188.006	6284.86	766.6	0.012237
	8	9404.860	0.853	-.000	89269.132	6300.70	769.8	0.012237
	9	9405.848	0.852	-.000	89350.389	6316.59	773.0	0.012237
70	10	9406.835	0.850	-.000	89431.778	6332.54	776.3	0.012237
	11	9407.822	0.849	-.000	89513.297	6348.55	779.6	0.012237
	12	9408.808	0.848	-.000	89594.948	6364.60	782.8	0.012237
	13	9409.793	0.847	-.000	89676.732	6380.71	786.1	0.012237
	14	9410.777	0.845	-.000	89758.648	6396.88	789.5	0.012237
70	15	9411.760	0.844	-.000	89840.696	6413.10	792.8	0.012237
	16	9412.743	0.843	-.000	89922.878	6429.37	796.1	0.012237
	17	9413.724	0.841	-.000	90005.193	6445.70	799.5	0.012237
	18	9414.705	0.840	-.000	90087.642	6462.09	802.9	0.012237
	19	9415.686	0.839	-.000	90170.225	6478.53	806.3	0.012237
70	20	9416.665	0.838	-.000	90252.942	6495.02	809.7	0.012237
	21	9417.644	0.836	-.000	90335.794	6511.58	813.2	0.012237
	22	9418.621	0.835	-.000	90418.782	6528.18	816.6	0.012237
	23	9419.598	0.834	-.000	90501.904	6544.85	820.1	0.012237
	24	9420.575	0.832	-.000	90585.163	6561.57	823.6	0.012237
70	25	9421.550	0.831	-.000	90668.558	6578.35	827.1	0.012237
	26	9422.525	0.830	-.000	90752.089	6595.18	830.6	0.012237
	27	9423.498	0.829	-.000	90835.757	6612.08	834.2	0.012237
	28	9424.471	0.827	-.000	90919.563	6629.03	837.7	0.012237
	29	9425.444	0.826	-.000	91003.506	6646.04	841.3	0.012237
70	30	9426.415	0.825	-.000	91087.586	6663.10	844.9	0.012237
	31	9427.386	0.824	-.000	91171.806	6680.23	848.5	0.012237
	32	9428.355	0.822	-.000	91256.163	6697.41	852.1	0.012237
	33	9429.324	0.821	-.000	91340.660	6714.66	855.8	0.012237
	34	9430.293	0.820	-.000	91425.296	6731.96	859.5	0.012237
70	35	9431.260	0.818	-.000	91510.072	6749.32	863.2	0.012236
	36	9432.227	0.817	-.000	91594.988	6766.74	866.9	0.012236
	37	9433.192	0.816	-.000	91680.044	6784.22	870.6	0.012236
	38	9434.157	0.815	-.000	91765.241	6801.76	874.4	0.012236
	39	9435.122	0.813	-.000	91850.580	6819.36	878.1	0.012236
70	40	9436.085	0.812	-.000	91936.059	6837.03	881.9	0.012236
	41	9437.048	0.811	-.000	92021.681	6854.75	885.7	0.012236
	42	9438.010	0.810	-.000	92107.445	6872.53	889.6	0.012236
	43	9438.971	0.808	-.000	92193.352	6890.38	893.4	0.012236
	44	9439.931	0.807	-.000	92279.401	6908.29	897.3	0.012236
70	45	9440.890	0.806	-.000	92365.594	6926.26	901.2	0.012236
	46	9441.849	0.805	-.000	92451.931	6944.29	905.1	0.012236
	47	9442.807	0.803	-.000	92538.411	6962.38	909.0	0.012236
	48	9443.764	0.802	-.000	92625.037	6980.54	912.9	0.012236
	49	9444.720	0.801	-.000	92711.807	6998.76	916.9	0.012236
70	50	9445.675	0.799	-.000	92798.722	7017.05	920.9	0.012236
	51	9446.630	0.798	-.000	92885.783	7035.39	924.9	0.012236
	52	9447.584	0.797	-.000	92972.990	7053.81	929.0	0.012236
	53	9448.537	0.796	-.000	93060.344	7072.28	933.0	0.012236
	54	9449.489	0.794	-.000	93147.844	7090.82	937.1	0.012236
70	55	9450.441	0.793	-.000	93235.491	7109.43	941.2	0.012236
	56	9451.391	0.792	-.000	93323.286	7128.10	945.3	0.012236
	57	9452.341	0.791	-.000	93411.229	7146.83	949.4	0.012236
	58	9453.290	0.789	-.000	93499.320	7165.64	953.6	0.012236
	59	9454.238	0.788	-.000	93587.560	7184.50	957.8	0.012236
71	00	9455.186	0.787	-.000	93675.949	7203.44	962.0	0.012236

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=C.0001(LONGITUDE-MC)" Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
71	0	9455.186	0.787	-.000	93675.949	7203.44	962.0	0.012236
	1	9456.132	0.786	-.000	93764.488	7222.44	966.2	0.012236
	2	9457.078	0.784	-.000	93853.176	7241.50	970.5	0.012236
	3	9458.023	0.783	-.000	93942.015	7260.64	974.7	0.012236
	4	9458.968	0.782	-.000	94031.004	7279.84	979.0	0.012236
71	5	9459.911	0.781	-.000	94120.145	7299.11	983.3	0.012236
	6	9460.854	0.779	-.000	94209.437	7318.44	987.7	0.012236
	7	9461.795	0.778	-.000	94298.880	7337.85	992.1	0.012236
	8	9462.736	0.777	-.000	94388.476	7357.32	996.4	0.012235
	9	9463.677	0.776	-.000	94478.225	7376.87	1000.8	0.012235
71	10	9464.616	0.774	-.000	94568.127	7396.48	1005.3	0.012235
	11	9465.555	0.773	-.000	94658.183	7416.16	1009.7	0.012235
	12	9466.493	0.772	-.000	94748.392	7435.91	1014.2	0.012235
	13	9467.430	0.771	-.000	94838.756	7455.73	1018.7	0.012235
	14	9468.366	0.759	-.000	94929.274	7475.62	1023.3	0.012235
71	15	9469.301	0.768	-.000	95019.948	7495.59	1027.8	0.012235
	16	9470.236	0.767	-.000	95110.777	7515.62	1032.4	0.012235
	17	9471.170	0.766	-.000	95201.762	7535.73	1037.0	0.012235
	18	9472.103	0.764	-.000	95292.903	7555.90	1041.6	0.012235
	19	9473.035	0.763	-.000	95384.202	7576.15	1046.3	0.012235
71	20	9473.966	0.762	-.000	95475.657	7596.47	1050.9	0.012235
	21	9474.897	0.751	-.000	95567.270	7616.87	1055.6	0.012235
	22	9475.827	0.759	-.000	95659.042	7637.33	1060.4	0.012235
	23	9476.756	0.758	-.000	95750.971	7657.87	1065.1	0.012235
	24	9477.684	0.757	-.000	95843.060	7678.49	1069.9	0.012235
71	25	9478.612	0.756	-.000	95935.308	7699.18	1074.7	0.012235
	26	9479.538	0.755	-.000	96027.716	7719.94	1079.5	0.012235
	27	9480.464	0.753	-.000	96120.284	7740.77	1084.4	0.012235
	28	9481.389	0.752	-.000	96213.013	7761.69	1089.3	0.012235
	29	9482.313	0.751	-.000	96305.903	7782.67	1094.2	0.012235
71	30	9483.237	0.750	-.000	96398.955	7803.74	1099.1	0.012235
	31	9484.159	0.748	-.000	96492.168	7824.87	1104.1	0.012235
	32	9485.081	0.747	-.000	96585.544	7846.09	1109.1	0.012235
	33	9486.002	0.746	-.000	96679.082	7867.38	1114.1	0.012235
	34	9486.922	0.745	-.000	96772.784	7888.75	1119.1	0.012235
71	35	9487.842	0.743	-.000	96866.650	7910.20	1124.2	0.012235
	36	9488.760	0.742	-.000	96960.680	7931.72	1129.3	0.012235
	37	9489.678	0.741	-.000	97054.874	7953.32	1134.4	0.012235
	38	9490.595	0.740	-.000	97149.234	7975.00	1139.6	0.012235
	39	9491.511	0.739	-.000	97243.759	7996.76	1144.7	0.012235
71	40	9492.426	0.737	-.000	97338.450	8018.60	1149.9	0.012235
	41	9493.341	0.736	-.000	97433.307	8040.52	1155.2	0.012235
	42	9494.255	0.735	-.000	97528.332	8062.52	1160.5	0.012235
	43	9495.168	0.734	-.000	97623.523	8084.59	1165.7	0.012234
	44	9496.080	0.732	-.000	97718.883	8106.75	1171.1	0.012234
71	45	9496.991	0.731	-.000	97814.411	8128.99	1176.4	0.012234
	46	9497.902	0.730	-.000	97910.107	8151.31	1181.8	0.012234
	47	9498.812	0.729	-.000	98005.973	8173.72	1187.2	0.012234
	48	9499.721	0.728	-.000	98102.008	8196.20	1192.7	0.012234
	49	9500.629	0.726	-.000	98198.213	8218.77	1198.1	0.012234
71	50	9501.536	0.725	-.000	98294.589	8241.42	1203.6	0.012234
	51	9502.443	0.724	-.000	98391.137	8264.15	1209.2	0.012234
	52	9503.348	0.723	-.000	98487.855	8286.97	1214.7	0.012234
	53	9504.253	0.721	-.000	98584.746	8309.87	1220.3	0.012234
	54	9505.157	0.720	-.000	98681.809	8332.86	1226.0	0.012234
71	55	9506.061	0.719	-.000	98779.045	8355.93	1231.6	0.012234
	56	9506.963	0.718	-.000	98876.454	8379.08	1237.3	0.012234
	57	9507.865	0.717	-.000	98974.038	8402.32	1243.0	0.012234
	58	9508.766	0.715	-.000	99071.795	8425.65	1248.8	0.012234
	59	9509.666	0.714	-.000	99169.728	8449.06	1254.6	0.012234
72	00	9510.565	0.713	-.000	99267.836	8472.56	1260.4	0.012234

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
72	0	9510.565	0.713	-.000	99267.836	8472.56	1260.4	0.012234
	1	9511.464	0.712	-.000	99366.120	8496.15	1266.2	0.012234
	2	9512.361	0.710	-.000	99464.580	8519.82	1272.1	0.012234
	3	9513.258	0.709	-.000	99563.217	8543.59	1278.0	0.012234
	4	9514.154	0.708	-.000	99662.032	8567.44	1284.0	0.012234
72	5	9515.050	0.707	-.000	99761.024	8591.38	1289.9	0.012234
	6	9515.944	0.706	-.000	99860.195	8615.41	1296.0	0.012234
	7	9516.838	0.704	-.000	99959.544	8639.53	1302.0	0.012234
	8	9517.731	0.703	-.000	100059.073	8663.73	1308.1	0.012234
	9	9518.623	0.702	-.000	100158.781	8688.03	1314.2	0.012234
72	10	9519.514	0.701	-.000	100258.670	8712.42	1320.3	0.012234
	11	9520.404	0.700	-.000	100358.740	8736.90	1326.5	0.012234
	12	9521.294	0.698	-.000	100458.991	8761.48	1332.7	0.012234
	13	9522.183	0.697	-.000	100559.424	8786.14	1339.0	0.012234
	14	9523.071	0.696	-.000	100660.039	8810.90	1345.3	0.012234
72	15	9523.958	0.695	-.000	100760.837	8835.75	1351.6	0.012234
	16	9524.844	0.694	-.000	100861.819	8860.70	1358.0	0.012234
	17	9525.730	0.692	-.000	100962.984	8885.73	1364.4	0.012234
	18	9526.615	0.691	-.000	101064.334	8910.87	1370.8	0.012233
	19	9527.499	0.690	-.000	101165.869	8936.09	1377.3	0.012233
72	20	9528.382	0.689	-.000	101267.589	8961.42	1383.8	0.012233
	21	9529.264	0.688	-.000	101369.496	8986.84	1390.3	0.012233
	22	9530.146	0.686	-.000	101471.589	9012.35	1396.9	0.012233
	23	9531.027	0.685	-.000	101573.869	9037.96	1403.5	0.012233
	24	9531.907	0.684	-.000	101676.336	9063.67	1410.2	0.012233
72	25	9532.786	0.683	-.000	101778.992	9089.48	1416.9	0.012233
	26	9533.664	0.682	-.000	101881.836	9115.38	1423.6	0.012233
	27	9534.542	0.680	-.000	101984.870	9141.38	1430.4	0.012233
	28	9535.418	0.679	-.000	102088.093	9167.48	1437.2	0.012233
	29	9536.294	0.678	-.000	102191.507	9193.68	1444.0	0.012233
72	30	9537.170	0.677	-.000	102295.111	9219.98	1450.9	0.012233
	31	9538.044	0.676	-.000	102398.907	9246.38	1457.8	0.012233
	32	9538.917	0.675	-.000	102502.895	9272.89	1464.8	0.012233
	33	9539.790	0.673	-.000	102607.075	9299.49	1471.8	0.012233
	34	9540.662	0.672	-.000	102711.449	9326.19	1478.8	0.012233
72	35	9541.533	0.671	-.000	102816.015	9353.00	1485.9	0.012233
	36	9542.403	0.670	-.000	102920.776	9379.91	1493.0	0.012233
	37	9543.273	0.659	-.000	103025.732	9406.92	1500.2	0.012233
	38	9544.141	0.667	-.000	103130.883	9434.04	1507.4	0.012233
	39	9545.009	0.656	-.000	103236.230	9461.26	1514.7	0.012233
72	40	9545.876	0.665	-.000	103341.773	9488.59	1522.0	0.012233
	41	9546.743	0.664	-.000	103447.513	9516.02	1529.3	0.012233
	42	9547.608	0.663	-.000	103553.451	9543.55	1536.7	0.012233
	43	9548.473	0.662	-.000	103659.587	9571.20	1544.1	0.012233
	44	9549.336	0.660	-.000	103765.921	9598.95	1551.5	0.012233
72	45	9550.199	0.659	-.000	103872.455	9626.80	1559.1	0.012233
	46	9551.062	0.658	-.000	103979.189	9654.77	1566.6	0.012233
	47	9551.923	0.657	-.000	104086.122	9682.84	1574.2	0.012233
	48	9552.784	0.656	-.000	104193.257	9711.02	1581.8	0.012233
	49	9553.643	0.654	-.000	104300.594	9739.32	1589.5	0.012233
72	50	9554.502	0.653	-.000	104408.133	9767.72	1597.2	0.012233
	51	9555.361	0.652	-.000	104515.874	9796.23	1605.0	0.012233
	52	9556.218	0.651	-.000	104623.819	9824.85	1612.8	0.012233
	53	9557.074	0.650	-.000	104731.968	9853.59	1620.7	0.012233
	54	9557.930	0.649	-.000	104840.321	9882.43	1628.6	0.012233
72	55	9558.785	0.647	-.000	104948.879	9911.39	1636.6	0.012232
	56	9559.639	0.646	-.000	105057.644	9940.47	1644.6	0.012232
	57	9560.492	0.645	-.000	105166.614	9969.65	1652.6	0.012232
	58	9561.345	0.644	-.000	105275.791	9998.95	1660.7	0.012232
	59	9562.197	0.643	-.000	105385.177	10028.37	1668.9	0.012232
73	00	9563.048	0.642	-.000	105494.770	10057.90	1677.0	0.012232

TABELAS PARA CALCULOS NO SISTEMA DE PROJEÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
73	0	9563.048	0.642	-.000	105494.770	10057.90	1677.0	0.012232
	1	9563.898	0.640	-.000	105604.572	10087.54	1685.3	0.012232
	2	9564.747	0.639	-.000	105714.583	10117.31	1693.6	0.012232
	3	9565.595	0.638	-.000	105824.804	10147.19	1701.9	0.012232
	4	9566.443	0.637	-.000	105935.236	10177.19	1710.3	0.012232
73	5	9567.290	0.636	-.000	106045.880	10207.30	1718.7	0.012232
	6	9568.136	0.635	-.000	106156.735	10237.54	1727.2	0.012232
	7	9568.981	0.633	-.000	106267.803	10267.89	1735.8	0.012232
	8	9569.825	0.632	-.000	106379.083	10298.37	1744.3	0.012232
	9	9570.669	0.631	-.000	106490.578	10328.96	1753.0	0.012232
73	10	9571.512	0.630	-.000	106602.287	10359.68	1761.7	0.012232
	11	9572.354	0.629	-.000	106714.211	10390.52	1770.4	0.012232
	12	9573.195	0.628	-.000	106826.351	10421.48	1779.2	0.012232
	13	9574.035	0.626	-.000	106938.707	10452.56	1788.1	0.012232
	14	9574.875	0.625	-.000	107051.280	10483.77	1797.0	0.012232
73	15	9575.714	0.624	-.000	107164.071	10515.10	1805.9	0.012232
	16	9576.552	0.623	-.000	107277.080	10546.56	1814.9	0.012232
	17	9577.389	0.622	-.000	107390.308	10578.14	1824.0	0.012232
	18	9578.225	0.621	-.000	107503.755	10609.85	1833.1	0.012232
	19	9579.060	0.620	-.000	107617.423	10641.69	1842.3	0.012232
73	20	9579.895	0.618	-.000	107731.312	10673.65	1851.5	0.012232
	21	9580.729	0.617	-.000	107845.422	10705.74	1860.8	0.012232
	22	9581.562	0.616	-.000	107959.754	10737.96	1870.1	0.012232
	23	9582.394	0.615	-.000	108074.310	10770.31	1879.5	0.012232
	24	9583.226	0.614	-.000	108189.089	10802.79	1889.0	0.012232
73	25	9584.056	0.613	-.000	108304.092	10835.40	1898.5	0.012232
	26	9584.886	0.612	-.000	108419.320	10868.14	1908.0	0.012232
	27	9585.715	0.610	-.000	108534.774	10901.01	1917.6	0.012232
	28	9586.543	0.609	-.000	108650.454	10934.02	1927.3	0.012232
	29	9587.371	0.608	-.000	108766.361	10967.16	1937.1	0.012232
73	30	9588.197	0.607	-.000	108882.496	11000.43	1946.9	0.012232
	31	9589.023	0.606	-.000	108998.859	11033.84	1956.7	0.012232
	32	9589.848	0.605	-.000	109115.451	11067.38	1966.6	0.012232
	33	9590.672	0.604	-.000	109232.273	11101.06	1976.6	0.012231
	34	9591.496	0.602	-.000	109349.325	11134.88	1986.7	0.012231
73	35	9592.318	0.601	-.000	109466.609	11168.83	1996.8	0.012231
	36	9593.140	0.600	-.000	109584.124	11202.92	2006.9	0.012231
	37	9593.961	0.599	-.000	109701.872	11237.15	2017.1	0.012231
	38	9594.781	0.598	-.000	109819.853	11271.52	2027.4	0.012231
	39	9595.600	0.597	-.000	109938.068	11306.03	2037.8	0.012231
73	40	9596.418	0.596	-.000	110056.518	11340.68	2048.2	0.012231
	41	9597.236	0.594	-.000	110175.204	11375.47	2058.7	0.012231
	42	9598.053	0.593	-.000	110294.125	11410.41	2069.2	0.012231
	43	9598.869	0.592	-.000	110413.283	11445.49	2079.8	0.012231
	44	9599.684	0.591	-.000	110532.679	11480.71	2090.5	0.012231
73	45	9600.499	0.590	-.000	110652.314	11516.07	2101.2	0.012231
	46	9601.312	0.589	-.000	110772.187	11551.59	2112.0	0.012231
	47	9602.125	0.588	-.000	110892.300	11587.24	2122.9	0.012231
	48	9602.937	0.587	-.000	111012.654	11623.05	2133.8	0.012231
	49	9603.748	0.585	-.000	111133.249	11659.00	2144.8	0.012231
73	50	9604.558	0.584	-.000	111254.086	11695.10	2155.9	0.012231
	51	9605.368	0.583	-.000	111375.166	11731.35	2167.0	0.012231
	52	9606.177	0.582	-.000	111496.489	11767.75	2178.3	0.012231
	53	9606.984	0.581	-.000	111618.057	11804.30	2189.5	0.012231
	54	9607.792	0.580	-.000	111739.869	11841.00	2200.9	0.012231
73	55	9608.598	0.579	-.000	111861.928	11877.86	2212.3	0.012231
	56	9609.403	0.578	-.000	111984.233	11914.86	2223.8	0.012231
	57	9610.208	0.576	-.000	112106.786	11952.02	2235.4	0.012231
	58	9611.012	0.575	-.000	112229.586	11989.34	2247.0	0.012231
	59	9611.815	0.574	-.000	112352.636	12026.81	2258.7	0.012231
74	00	9612.617	0.573	-.000	112475.935	12064.44	2270.5	0.012231

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.000030**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
74	0	9612.617	0.573	-.000	112475.935	12064.44	2270.5	0.012231
	1	9613.418	0.572	-.000	112599.484	12102.22	2282.4	0.012231
	2	9614.219	0.571	-.000	112723.285	12140.17	2294.3	0.012231
	3	9615.019	0.570	-.000	112847.338	12178.27	2306.3	0.012231
	4	9615.818	0.569	-.000	112971.644	12216.53	2318.4	0.012231
74	5	9616.616	0.568	-.000	113096.203	12254.95	2330.5	0.012231
	6	9617.413	0.566	-.000	113221.017	12293.53	2342.8	0.012231
	7	9618.210	0.565	-.000	113346.086	12332.27	2355.1	0.012231
	8	9619.005	0.564	-.000	113471.411	12371.18	2367.5	0.012231
	9	9619.800	0.563	-.000	113596.993	12410.25	2379.9	0.012231
74	10	9620.594	0.562	-.000	113722.832	12449.49	2392.5	0.012231
	11	9621.387	0.561	-.000	113848.930	12488.89	2405.1	0.012231
	12	9622.180	0.560	-.000	113975.288	12528.45	2417.8	0.012230
	13	9622.972	0.559	-.000	114101.905	12568.19	2430.6	0.012230
	14	9623.762	0.558	-.000	114228.783	12608.09	2443.5	0.012230
74	15	9624.552	0.556	-.000	114355.923	12648.16	2456.4	0.012230
	16	9625.342	0.555	-.000	114483.326	12688.41	2469.4	0.012230
	17	9626.130	0.554	-.000	114610.992	12728.82	2482.6	0.012230
	18	9626.917	0.553	-.000	114738.922	12769.40	2495.8	0.012230
	19	9627.704	0.552	-.000	114867.117	12810.16	2509.0	0.012230
74	20	9628.490	0.551	-.000	114995.579	12851.09	2522.4	0.012230
	21	9629.275	0.550	-.000	115124.307	12892.19	2535.9	0.012230
	22	9630.060	0.549	-.000	115253.303	12933.47	2549.4	0.012230
	23	9630.843	0.548	-.000	115382.567	12974.93	2563.0	0.012230
	24	9631.626	0.547	-.000	115512.100	13016.57	2576.7	0.012230
74	25	9632.408	0.545	-.000	115641.904	13058.38	2590.5	0.012230
	26	9633.189	0.544	-.000	115771.979	13100.37	2604.4	0.012230
	27	9633.969	0.543	-.000	115902.326	13142.54	2618.4	0.012230
	28	9634.748	0.542	-.000	116032.946	13184.89	2632.5	0.012230
	29	9635.527	0.541	-.000	116163.840	13227.43	2646.7	0.012230
74	30	9636.305	0.540	-.000	116295.008	13270.15	2660.9	0.012230
	31	9637.081	0.539	-.000	116426.451	13313.05	2675.2	0.012230
	32	9637.858	0.538	-.000	116558.171	13356.14	2689.7	0.012230
	33	9638.633	0.537	-.000	116690.169	13399.41	2704.2	0.012230
	34	9639.407	0.536	-.000	116822.444	13442.87	2718.8	0.012230
74	35	9640.181	0.535	-.000	116954.999	13486.52	2733.6	0.012230
	36	9640.954	0.533	-.000	117087.834	13530.36	2748.4	0.012230
	37	9641.726	0.532	-.000	117220.949	13574.38	2763.3	0.012230
	38	9642.497	0.531	-.000	117354.347	13618.60	2778.3	0.012230
	39	9643.268	0.530	-.000	117488.027	13663.01	2793.4	0.012230
74	40	9644.037	0.529	-.000	117621.990	13707.62	2808.6	0.012230
	41	9644.806	0.528	-.000	117756.239	13752.42	2823.9	0.012230
	42	9645.574	0.527	-.000	117890.773	13797.41	2839.3	0.012230
	43	9646.341	0.526	-.000	118025.593	13842.60	2854.8	0.012230
	44	9647.108	0.525	-.000	118160.701	13887.99	2870.5	0.012230
74	45	9647.873	0.524	-.000	118296.097	13933.57	2886.2	0.012230
	46	9648.638	0.523	-.000	118431.782	13979.36	2902.0	0.012230
	47	9649.402	0.522	-.000	118567.758	14025.35	2917.9	0.012230
	48	9650.165	0.520	-.000	118704.024	14071.54	2933.9	0.012230
	49	9650.927	0.519	-.000	118840.583	14117.93	2950.1	0.012230
74	50	9651.689	0.518	-.000	118977.435	14164.52	2966.3	0.012230
	51	9652.449	0.517	-.000	119114.581	14211.32	2982.6	0.012230
	52	9653.209	0.516	-.000	119252.023	14258.33	2999.1	0.012229
	53	9653.968	0.515	-.000	119389.760	14305.55	3015.7	0.012229
	54	9654.726	0.514	-.000	119527.794	14352.97	3032.3	0.012229
74	55	9655.484	0.513	-.000	119666.126	14400.60	3049.1	0.012229
	56	9656.240	0.512	-.000	119804.757	14448.45	3066.0	0.012229
	57	9656.996	0.511	-.000	119943.688	14496.50	3083.0	0.012229
	58	9657.751	0.510	-.000	120082.921	14544.77	3100.1	0.012229
	59	9658.505	0.509	-.000	120222.455	14593.26	3117.4	0.012229
75	00	9659.258	0.508	-.000	120362.292	14641.96	3134.7	0.012229

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.0@)03Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
75	0	9659.258	0.508	-.000	120362.292	14641.96	3134.7	0.012229
	1	9660.011	0.507	-.000	120502.433	14690.87	3152.2	0.012229
	2	9660.762	0.506	-.000	120642.879	14740.01	3169.8	0.012229
	3	9661.513	0.504	-.000	120783.631	14789.36	3187.5	0.012229
	4	9662.263	0.503	-.000	120924.690	14838.94	3205.3	0.012229
75	5	9663.012	0.502	-.000	121066.058	14888.73	3223.2	0.012229
	6	9663.761	0.501	-.000	121207.734	14938.75	3241.3	0.012229
	7	9664.508	0.500	-.000	121349.721	14989.00	3259.5	0.012229
	8	9665.255	0.499	-.000	121492.018	15039.46	3277.8	0.012229
	9	9666.001	0.498	-.000	121634.628	15090.16	3296.2	0.012229
75	10	9666.746	0.497	-.000	121777.552	15141.08	3314.8	0.012229
	11	9667.490	0.496	-.000	121920.789	15192.24	3333.4	0.012229
	12	9668.234	0.495	-.000	122064.342	15243.62	3352.2	0.012229
	13	9668.977	0.494	-.000	122208.212	15295.24	3371.2	0.012229
	14	9669.718	0.493	-.000	122352.399	15347.09	3390.2	0.012229
75	15	9670.459	0.492	-.000	122496.905	15399.17	3409.4	0.012229
	16	9671.200	0.491	-.000	122641.731	15451.49	3428.7	0.012229
	17	9671.939	0.490	-.000	122786.877	15504.05	3448.2	0.012229
	18	9672.678	0.489	-.000	122932.345	15556.84	3467.8	0.012229
	19	9673.415	0.488	-.000	123078.137	15609.88	3487.5	0.012229
75	20	9674.152	0.487	-.000	123224.252	15663.15	3507.3	0.012229
	21	9674.888	0.485	-.000	123370.693	15716.67	3527.3	0.012229
	22	9675.624	0.484	-.000	123517.459	15770.43	3547.5	0.012229
	23	9676.358	0.483	-.000	123664.554	15824.44	3567.7	0.012229
	24	9677.092	0.482	-.000	123811.977	15878.70	3588.1	0.012229
75	25	9677.825	0.481	-.000	123959.729	15933.20	3608.7	0.012229
	26	9678.557	0.480	-.000	124107.813	15987.96	3629.3	0.012229
	27	9679.288	0.479	-.000	124256.228	16042.96	3650.2	0.012229
	28	9680.018	0.478	-.000	124404.977	16098.22	3671.1	0.012229
	29	9680.748	0.477	-.000	124554.059	16153.73	3692.2	0.012229
75	30	9681.476	0.476	-.000	124703.477	16209.49	3713.5	0.012229
	31	9682.204	0.475	-.000	124853.232	16265.52	3734.9	0.012229
	32	9682.931	0.474	-.000	125003.324	16321.80	3756.5	0.012229
	33	9683.658	0.473	-.000	125153.756	16378.34	3778.2	0.012229
	34	9684.383	0.472	-.000	125304.527	16435.14	3800.0	0.012228
75	35	9685.108	0.471	-.000	125455.640	16492.21	3822.0	0.012228
	36	9685.832	0.470	-.000	125607.095	16549.54	3844.2	0.012228
	37	9686.555	0.469	-.000	125758.893	16607.14	3866.5	0.012228
	38	9687.277	0.468	-.000	125911.037	16665.00	3889.0	0.012228
	39	9687.998	0.467	-.000	126063.526	16723.13	3911.6	0.012228
75	40	9688.719	0.466	-.000	126216.363	16781.54	3934.4	0.012228
	41	9689.438	0.465	-.000	126369.548	16840.21	3957.3	0.012228
	42	9690.157	0.464	-.000	126523.083	16899.16	3980.4	0.012228
	43	9690.875	0.463	-.000	126676.968	16958.39	4003.7	0.012228
	44	9691.593	0.462	-.000	126831.206	17017.89	4027.1	0.012228
75	45	9692.309	0.461	-.000	126985.797	17077.67	4050.7	0.012228
	46	9693.025	0.460	-.000	127140.743	17137.73	4074.5	0.012228
	47	9693.740	0.459	-.000	127296.045	17198.08	4098.4	0.012228
	48	9694.453	0.458	-.000	127451.703	17258.70	4122.5	0.012228
	49	9695.167	0.457	-.000	127607.720	17319.61	4146.8	0.012228
75	50	9695.879	0.456	-.000	127764.097	17380.81	4171.2	0.012228
	51	9696.591	0.455	-.000	127920.834	17442.30	4195.9	0.012228
	52	9697.301	0.454	-.000	128077.934	17504.08	4220.6	0.012228
	53	9698.011	0.453	-.000	128235.397	17566.15	4245.6	0.012228
	54	9698.720	0.452	-.000	128393.225	17628.51	4270.8	0.012228
75	55	9699.428	0.451	-.000	128551.419	17691.17	4296.1	0.012228
	56	9700.136	0.449	-.000	128709.980	17754.13	4321.6	0.012228
	57	9700.842	0.448	-.000	128868.910	17817.38	4347.3	0.012228
	58	9701.548	0.447	-.000	129028.210	17880.94	4373.1	0.012228
	59	9702.253	0.446	-.000	129187.881	17944.80	4399.2	0.012228
76	00	9702.957	0.445	-.000	129347.925	18008.96	4425.4	0.012228

TABELAS PARA CALCULOS NO SISTEMA DE PROJECXO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)* Q=C.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
76	0	9702.957	0.445	-.000	129347.925	18008.96	4425.4	0.012228
	1	9703.661	0.444	-.000	129508.342	18073.43	4451.8	0.012228
	2	9704.363	0.443	-.000	129669.135	18138.21	4478.5	0.012228
	3	9705.065	0.442	-.000	129830.305	18203.29	4505.3	0.012228
	4	9705.766	0.441	-.000	129991.852	18268.69	4532.3	0.012228
76	5	9706.466	0.440	-.000	130153.779	18334.40	4559.5	0.012228
	6	9707.165	0.439	-.000	130316.087	18400.43	4586.8	0.012228
	7	9707.863	0.438	-.000	130478.776	18466.78	4614.4	0.012228
	8	9708.561	0.437	-.000	130641.849	18533.44	4642.2	0.012228
	9	9709.258	0.436	-.000	130805.307	18600.43	4670.2	0.012228
76	10	9709.953	0.435	-.000	130969.151	18667.74	4698.4	0.012228
	11	9710.649	0.434	-.000	131133.383	18735.37	4726.8	0.012228
	12	9711.343	0.433	-.000	131298.004	18803.33	4755.4	0.012228
	13	9712.036	0.432	-.000	131463.015	18871.62	4784.2	0.012228
	14	9712.729	0.431	-.000	131628.418	18940.24	4813.2	0.012228
76	15	9713.421	0.430	-.000	131794.214	19009.20	4842.5	0.012228
	16	9714.112	0.429	-.000	131960.405	19078.49	4871.9	0.012228
	17	9714.802	0.428	-.000	132126.992	19148.11	4901.6	0.012228
	18	9715.491	0.427	-.000	132293.977	19218.08	4931.4	0.012228
	19	9716.180	0.426	-.000	132461.361	19288.38	4961.5	0.012227
76	20	9716.867	0.425	-.000	132629.145	19359.04	4991.9	0.012227
	21	9717.554	0.424	-.000	132797.331	19430.03	5022.4	0.012227
	22	9718.240	0.423	-.000	132965.921	19501.37	5053.2	0.012227
	23	9718.926	0.423	-.000	133134.916	19573.07	5084.1	0.012227
	24	9719.610	0.422	-.000	133304.317	19645.11	5115.4	0.012227
76	25	9720.294	0.421	-.000	133474.126	19717.51	5146.8	0.012227
	26	9720.976	0.420	-.000	133644.345	19790.26	5178.5	0.012227
	27	9721.658	0.419	-.000	133814.974	19863.38	5210.4	0.012227
	28	9722.339	0.418	-.000	133986.016	19936.85	5242.6	0.012227
	29	9723.020	0.417	-.000	134157.472	20010.69	5274.9	0.012227
76	30	9723.699	0.416	-.000	134329.343	20084.89	5307.6	0.012227
	31	9724.378	0.415	-.000	134501.631	20159.46	5340.4	0.012227
	32	9725.056	0.414	-.000	134674.338	20234.39	5373.6	0.012227
	33	9725.733	0.413	-.000	134847.466	20309.70	5406.9	0.012227
	34	9726.409	0.412	-.000	135021.015	20385.39	5440.5	0.012227
76	35	9727.084	0.411	-.000	135194.987	20461.45	5474.4	0.012227
	36	9727.759	0.410	-.000	135369.384	20537.89	5508.5	0.012227
	37	9728.432	0.409	-.000	135544.207	20614.71	5542.9	0.012227
	38	9729.105	0.408	-.000	135719.459	20691.91	5577.5	0.012227
	39	9729.777	0.407	-.000	135895.140	20769.50	5612.4	0.012227
76	40	9730.449	0.406	-.000	136071.253	20847.48	5647.6	0.012227
	41	9731.119	0.405	-.000	136247.798	20925.85	5683.0	0.012227
	42	9731.789	0.404	-.000	136424.778	21004.61	5718.7	0.012227
	43	9732.458	0.403	-.000	136602.194	21083.77	5754.6	0.012227
	44	9733.125	0.402	-.000	136780.048	21163.33	5790.9	0.012227
76	45	9733.793	0.401	-.000	136958.342	21243.29	5827.4	0.012227
	46	9734.459	0.400	-.000	137137.076	21323.65	5864.1	0.012227
	47	9735.124	0.399	-.000	137316.254	21404.41	5901.2	0.012227
	48	9735.789	0.398	-.000	137495.875	21485.59	5938.5	0.012227
	49	9736.453	0.397	-.000	137675.943	21567.17	5976.1	0.012227
76	50	9737.116	0.396	-.000	137856.459	21649.17	6014.0	0.012227
	51	9737.778	0.395	-.000	138037.424	21731.59	6052.2	0.012227
	52	9738.439	0.394	-.000	138218.841	21814.42	6090.7	0.012227
	53	9739.100	0.393	-.000	138400.710	21897.68	6129.5	0.012227
	54	9739.760	0.392	-.000	138583.035	21981.36	6168.6	0.012227
76	55	9740.419	0.391	-.000	138765.815	22065.46	6208.0	0.012227
	56	9741.077	0.391	-.000	138949.054	22150.00	6247.6	0.012227
	57	9741.734	0.390	-.000	139132.753	22234.97	6287.6	0.012227
	58	9742.390	0.389	-.000	139316.914	22320.37	6327.9	0.012227
	59	9743.046	0.388	-.000	139501.538	22406.21	6368.5	0.012227
77	00	9743.701	0.387	-.000	139686.627	22492.49	6409.4	0.012227

TABELAS PARA CALCULOS NO SISTEMA DE PROJECKO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
77	0	9743.701	0.387	-.000	139686.627	22492.49	6409.4	0.012227
	1	9744.355	0.386	-.000	139872.184	22579.22	6450.7	0.012227
	2	9745.008	0.385	-.000	140058.209	22666.39	6492.2	0.012227
	3	9745.660	0.384	-.000	140244.705	22754.01	6534.1	0.012227
	4	9746.311	0.383	-.000	140431.674	22842.09	6576.3	0.012227
77	5	9746.962	0.382	-.000	140619.116	22930.62	6618.8	0.012226
	6	9747.612	0.381	-.000	140807.035	23019.60	6661.7	0.012226
	7	9748.261	0.380	-.000	140995.432	23109.05	6704.8	0.012226
	8	9748.909	0.379	-.000	141184.309	23198.96	6748.4	0.012226
	9	9749.556	0.378	-.000	141373.668	23289.34	6792.2	0.012226
77	10	9750.203	0.377	-.000	141563.510	23380.19	6836.4	0.012226
	11	9750.849	0.376	-.000	141753.838	23471.51	6881.0	0.012226
	12	9751.494	0.375	-.000	141944.653	23563.31	6925.9	0.012226
	13	9752.138	0.374	-.000	142135.957	23655.59	6971.1	0.012226
	14	9752.781	0.374	-.000	142327.753	23748.34	7016.8	0.012226
77	15	9753.423	0.373	-.000	142520.042	23841.59	7062.7	0.012226
	16	9754.065	0.372	-.000	142712.826	23935.32	7109.0	0.012226
	17	9754.706	0.371	-.000	142906.107	24029.55	7155.7	0.012226
	18	9755.345	0.370	-.000	143099.887	24124.27	7202.8	0.012226
	19	9755.985	0.369	-.000	143294.168	24219.49	7250.2	0.012226
77	20	9756.623	0.368	-.000	143488.952	24315.21	7298.0	0.012226
	21	9757.260	0.357	-.000	143684.241	24411.44	7346.2	0.012226
	22	9757.897	0.366	-.000	143880.036	24508.17	7394.8	0.012226
	23	9758.533	0.365	-.000	144076.341	24605.42	7443.8	0.012226
	24	9759.168	0.364	-.000	144273.157	24703.18	7493.1	0.012226
77	25	9759.802	0.363	-.000	144470.485	24801.46	7542.8	0.012226
	26	9760.435	0.362	-.000	144668.329	24900.26	7593.0	0.012226
	27	9761.068	0.361	-.000	144866.690	24999.59	7643.5	0.012226
	28	9761.699	0.361	-.000	145065.570	25099.45	7694.5	0.012226
	29	9762.330	0.360	-.000	145264.971	25199.84	7745.8	0.012226
77	30	9762.960	0.359	-.000	145464.895	25300.76	7797.6	0.012226
	31	9763.589	0.358	-.000	145665.345	25402.23	7849.7	0.012226
	32	9764.218	0.357	-.000	145866.322	25504.24	7902.3	0.012226
	33	9764.845	0.356	-.000	146067.829	25606.79	7955.4	0.012226
	34	9765.472	0.355	-.000	146269.868	25709.90	8008.8	0.012226
77	35	9766.098	0.354	-.000	146472.441	25813.56	8062.7	0.012226
	36	9766.723	0.353	-.000	146675.549	25917.77	8117.0	0.012226
	37	9767.347	0.352	-.000	146879.196	26022.55	8171.8	0.012226
	38	9767.970	0.351	-.000	147083.383	26127.90	8227.0	0.012226
	39	9768.593	0.350	-.000	147288.113	26233.81	8282.6	0.012226
77	40	9769.215	0.350	-.000	147493.388	26340.30	8338.7	0.012226
	41	9769.836	0.349	-.000	147699.210	26447.37	8395.2	0.012226
	42	9770.456	0.348	-.000	147905.581	26555.01	8452.3	0.012226
	43	9771.075	0.347	-.000	148112.503	26663.24	8509.7	0.012226
	44	9771.693	0.346	-.000	148319.979	26772.06	8567.7	0.012226
77	45	9772.311	0.345	-.000	148528.011	26881.47	8626.1	0.012226
	46	9772.928	0.344	-.000	148736.601	26991.48	8685.0	0.012226
	47	9773.544	0.343	-.000	148945.752	27102.09	8744.4	0.012226
	48	9774.159	0.342	-.000	149155.466	27213.31	8804.3	0.012226
	49	9774.773	0.341	-.000	149365.744	27325.13	8864.7	0.012226
77	50	9775.387	0.340	-.000	149576.591	27437.57	8925.5	0.012226
	51	9775.999	0.340	-.000	149788.007	27550.63	8986.9	0.012226
	52	9776.611	0.339	-.000	149999.995	27664.31	9048.8	0.012226
	53	9777.222	0.338	-.000	150212.557	27778.61	9111.1	0.012226
	54	9777.832	0.337	-.000	150425.697	27893.55	9174.1	0.012226
77	55	9778.442	0.336	-.000	150639.416	28009.12	9237.5	0.012225
	56	9779.050	0.335	-.000	150853.716	28125.33	9301.4	0.012225
	57	9779.658	0.334	-.000	151068.600	28242.18	9365.9	0.012225
	58	9780.265	0.333	-.000	151284.071	28359.68	9430.9	0.012225
	59	9780.871	0.332	-.000	151500.131	28477.83	9496.5	0.012225
78	00	9781.476	0.332	-.000	151716.783	28596.65	9562.6	0.012225

TABELAS PARA CALCULOS NO SISTEMA DE PROJECAO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
78	0	9781.476	0.332	-.000	151716.783	28596.65	9562.6	0.012225
	1	9782.080	0.331	-.000	151934.028	28716.12	9629.3	0.012225
	2	9782.684	0.330	-.000	152151.870	28836.26	9696.5	0.012225
	3	9783.287	0.329	-.000	152370.310	28957.07	9764.3	0.012225
	4	9783.889	0.328	-.000	152589.352	29078.55	9832.7	0.012225
78	5	9784.490	0.327	-.000	152808.997	29200.72	9901.6	0.012225
	6	9785.090	0.326	-.000	153029.249	29323.57	9971.1	0.012225
	7	9785.689	0.325	-.000	153250.110	29447.12	10041.2	0.012225
	8	9786.288	0.324	-.000	153471.583	29571.35	10111.9	0.012225
	9	9786.886	0.324	-.000	153693.670	29696.29	10183.2	0.012225
78	10	9787.483	0.323	-.000	153916.373	29821.93	10255.1	0.012225
	11	9788.079	0.322	-.000	154139.696	29948.28	10327.6	0.012225
	12	9788.674	0.321	-.000	154363.641	30075.35	10400.7	0.012225
	13	9789.268	0.320	-.000	154588.210	30203.13	10474.4	0.012225
	14	9789.862	0.319	-.000	154813.406	30331.65	10548.8	0.012225
78	15	9790.455	0.318	-.000	155039.233	30460.89	10623.8	0.012225
	16	9791.047	0.317	-.000	155265.692	30590.86	10699.5	0.012225
	17	9791.638	0.317	-.000	155492.786	30721.58	10775.8	0.012225
	18	9792.228	0.316	-.000	155720.518	30853.04	10852.7	0.012225
	19	9792.818	0.315	-.000	155948.891	30985.26	10930.3	0.012225
78	20	9793.406	0.314	-.000	156177.908	31118.23	11008.6	0.012225
	21	9793.994	0.313	-.000	156407.571	31251.96	11087.5	0.012225
	22	9794.581	0.312	-.000	156637.882	31386.46	11167.2	0.012225
	23	9795.167	0.311	-.000	156868.846	31521.73	11247.5	0.012225
	24	9795.752	0.311	-.000	157100.464	31657.78	11328.5	0.012225
78	25	9796.337	0.310	-.000	157332.740	31794.62	11410.2	0.012225
	26	9796.921	0.309	-.000	157565.676	31932.24	11492.6	0.012225
	27	9797.504	0.308	-.000	157799.275	32070.66	11575.8	0.012225
	28	9798.086	0.307	-.000	158033.540	32209.88	11659.6	0.012225
	29	9798.667	0.306	-.000	158268.475	32349.91	11744.2	0.012225
78	30	9799.247	0.305	-.000	158504.081	32490.75	11829.6	0.012225
	31	9799.827	0.305	-.000	158740.361	32632.41	11915.6	0.012225
	32	9800.405	0.304	-.000	158977.320	32774.90	12002.5	0.012225
	33	9800.983	0.303	-.000	159214.959	32918.21	12090.0	0.012225
	34	9801.560	0.302	-.000	159453.282	33062.37	12178.4	0.012225
78	35	9802.136	0.301	-.000	159692.291	33207.36	12267.5	0.012225
	36	9802.712	0.300	-.000	159931.990	33353.20	12357.4	0.012225
	37	9803.286	0.299	-.000	160172.382	33499.90	12448.1	0.012225
	38	9803.860	0.299	-.000	160413.469	33647.47	12539.6	0.012225
	39	9804.433	0.298	-.000	160655.255	33795.89	12632.0	0.012225
78	40	9805.005	0.297	-.000	160897.743	33945.20	12725.1	0.012225
	41	9805.576	0.296	-.000	161140.936	34095.38	12819.1	0.012225
	42	9806.147	0.295	-.000	161384.838	34246.45	12913.8	0.012225
	43	9806.716	0.294	-.000	161629.450	34398.42	13009.5	0.012225
	44	9807.285	0.294	-.000	161874.777	34551.28	13106.0	0.012225
78	45	9807.853	0.293	-.000	162120.821	34705.06	13203.3	0.012225
	46	9808.420	0.292	-.000	162367.586	34859.74	13301.5	0.012225
	47	9808.986	0.291	-.000	162615.075	35015.35	13400.6	0.012224
	48	9809.552	0.290	-.000	162863.292	35171.88	13500.6	0.012224
	49	9810.116	0.289	-.000	163112.238	35329.35	13601.5	0.012224
78	50	9810.680	0.289	-.000	163361.919	35487.76	13703.2	0.012224
	51	9811.243	0.288	-.000	163612.336	35647.12	13805.9	0.012224
	52	9811.805	0.287	-.000	163863.494	35807.44	13909.6	0.012224
	53	9812.366	0.286	-.000	164115.396	35968.71	14014.1	0.012224
	54	9812.927	0.285	-.000	164368.044	36130.96	14119.6	0.012224
78	55	9813.486	0.284	-.000	164621.443	36294.19	14226.1	0.012224
	56	9814.045	0.284	-.000	164875.596	36458.39	14333.5	0.012224
	57	9814.603	0.283	-.000	165130.506	36623.60	14441.9	0.012224
	58	9815.160	0.282	-.000	165386.176	36789.80	14551.3	0.012224
	59	9815.716	0.281	-.000	165642.610	36957.01	14661.7	0.012224
79	00	9816.272	0.280	-.000	165899.813	37125.23	14773.0	0.012224

TABELAS PARA CALCULOS NO SISTEMA DE PROJECÇÃO

UNIVERSAL TRANSVERSO DE MERCATOR (UTM)

P=0.0001(LONGITUDE-MC)" Q=0.000001(E-500000) K0=0.9996

C=(XII)P+(XIII)P**3+(C'5)P**5 C=(XV)Q-(XVI)Q**3+(F'5)Q**5 K=K0(1+(XVIII)Q**2+0.00003Q**4)

LATITUDE		(XII)	(XIII)	(C'5)	(XV)	(XVI)	(F'5)	(XVIII)
79	0	9816.272	0.280	-.000	165899.813	37125.23	14773.0	0.012224
	1	9816.826	0.279	-.000	166157.786	37294.47	14885.4	0.012224
	2	9817.380	0.279	-.000	166416.533	37464.75	14998.9	0.012224
	3	9817.933	0.278	-.000	166676.059	37636.06	15113.3	0.012224
	4	9818.485	0.277	-.000	166936.366	37808.42	15228.8	0.012224
79	5	9819.037	0.276	-.000	167197.459	37981.84	15345.4	0.012224
	6	9819.587	0.275	-.000	167459.340	38156.31	15463.1	0.012224
	7	9820.137	0.274	-.000	167722.014	38331.86	15581.8	0.012224
	8	9820.686	0.274	-.000	167985.484	38508.49	15701.6	0.012224
	9	9821.234	0.273	-.000	168249.754	38686.20	15822.6	0.012224
79	10	9821.781	0.272	-.000	168514.827	38865.00	15944.6	0.012224
	11	9822.327	0.271	-.000	168780.708	39044.91	16067.8	0.012224
	12	9822.873	0.270	-.000	169047.399	39225.94	16192.2	0.012224
	13	9823.417	0.270	-.000	169314.905	39408.08	16317.7	0.012224
	14	9823.961	0.269	-.000	169583.229	39591.35	16444.3	0.012224
79	15	9824.504	0.268	-.000	169852.376	39775.77	16572.2	0.012224
	16	9825.046	0.267	-.000	170122.349	39961.32	16701.2	0.012224
	17	9825.587	0.266	-.000	170393.152	40148.04	16831.4	0.012224
	18	9826.128	0.266	-.000	170664.788	40335.92	16962.9	0.012224
	19	9826.668	0.265	-.000	170937.263	40524.97	17095.6	0.012224
79	20	9827.206	0.264	-.000	171210.579	40715.21	17229.5	0.012224
	21	9827.744	0.263	-.000	171484.740	40906.64	17364.8	0.012224
	22	9828.282	0.262	-.000	171759.751	41099.27	17501.2	0.012224
	23	9828.818	0.262	-.000	172035.616	41293.11	17639.0	0.012224
	24	9829.353	0.261	-.000	172312.338	41488.18	17778.1	0.012224
79	25	9829.888	0.260	-.000	172589.923	41684.47	17918.5	0.012224
	26	9830.422	0.259	-.000	172868.372	41882.01	18060.2	0.012224
	27	9830.955	0.258	-.000	173147.692	42080.79	18203.3	0.012224
	28	9831.487	0.258	-.000	173427.886	42280.84	18347.7	0.012224
	29	9832.019	0.257	-.000	173708.957	42482.15	18493.5	0.012224
79	30	9832.549	0.256	-.000	173990.912	42684.75	18640.7	0.012224
	31	9833.079	0.255	-.000	174273.752	42888.63	18789.4	0.012224
	32	9833.608	0.254	-.000	174557.484	43093.82	18939.4	0.012224
	33	9834.136	0.254	-.000	174842.110	43300.31	19090.9	0.012224
	34	9834.663	0.253	-.000	175127.636	43508.13	19243.8	0.012224
79	35	9835.189	0.252	-.000	175414.065	43717.28	19398.2	0.012224
	36	9835.715	0.251	-.000	175701.402	43927.78	19554.1	0.012224
	37	9836.239	0.251	-.000	175989.652	44139.62	19711.5	0.012224
	38	9836.763	0.250	-.000	176278.818	44352.83	19870.5	0.012224
	39	9837.286	0.249	-.000	176568.906	44567.42	20030.9	0.012224
79	40	9837.808	0.248	-.000	176859.919	44783.39	20193.0	0.012224
	41	9838.330	0.247	-.000	177151.863	45000.76	20356.6	0.012224
	42	9838.850	0.247	-.000	177444.741	45219.54	20521.8	0.012224
	43	9839.370	0.246	-.000	177738.558	45439.74	20688.6	0.012224
	44	9839.889	0.245	-.000	178033.319	45661.38	20857.0	0.012223
79	45	9840.407	0.244	-.000	178329.028	45884.45	21027.1	0.012223
	46	9840.924	0.244	-.000	178625.691	46108.98	21198.8	0.012223
	47	9841.441	0.243	-.000	178923.311	46334.98	21372.3	0.012223
	48	9841.956	0.242	-.000	179221.893	46562.46	21547.4	0.012223
	49	9842.471	0.241	-.000	179521.442	46791.43	21724.3	0.012223
79	50	9842.985	0.240	-.000	179821.964	47021.91	21902.9	0.012223
	51	9843.498	0.240	-.000	180123.461	47253.90	22083.3	0.012223
	52	9844.010	0.239	-.000	180425.941	47487.41	22265.5	0.012223
	53	9844.521	0.238	-.000	180729.406	47722.47	22449.4	0.012223
	54	9845.032	0.237	-.000	181033.863	47959.09	22635.2	0.012223
79	55	9845.542	0.237	-.000	181339.316	48197.27	22822.9	0.012223
	56	9846.050	0.236	-.000	181645.770	48437.03	23012.4	0.012223
	57	9846.558	0.235	-.000	181953.230	48678.38	23203.8	0.012223
	58	9847.066	0.234	-.000	182261.701	48921.34	23397.1	0.012223
	59	9847.572	0.234	-.000	182571.188	49165.92	23592.4	0.012223
80	00	9848.078	0.233	-.000	182881.696	49412.14	23789.6	0.012223

4 ESTUDO SOBRE AS PRECISÕES FORNECIDAS PELAS TABELAS

O presente estudo tem por finalidade determinar as precisões das várias transformações e cálculos utilizando-se as Tabelas do Sistema UTM, bem como, para a elaboração das mesmas, o número de casas decimais de cada coeficiente necessário ao alcance de determinadas precisões (no caso, aquelas constantes da divisão 1.4).

Dois tipos de erro ocorrem no cálculo de um coeficiente. O primeiro é oriundo da interpolação linear dos valores das tabelas e tem comportamento sistemático, como veremos adiante. O segundo decorre do arredondamento do coeficiente para um determinado número de casas decimais e podemos considerá-lo acidental.

Determinemos, pois, a expressão do erro de interpolação (EI).

Sejam,

X, a latitude para a qual desejamos calcular um determinado coeficiente C;

L, a maior latitude menor que X, em valor absoluto, para a qual existe um valor tabelado;

T, o intervalo de tabelamento, ou seja, a diferença entre duas latitudes tabeladas consecutivas. No nosso caso, $T \leq 60''$;

S, a diferença entre X e L. Podemos ver que $S < 60''$, já que $S < T$;

C(K), o valor do coeficiente C para uma latitude genérica K (vide expressões matemáticas no cap. 5).

Daí,

EI = valor-interpolado - valor-calculado

Valor-interpolado = (C(L) + (C(L+T) - C(L)) x S/T

Valor-calculado = C(X) = (C(L+S)

Então,

EI = C(L) + (C(L+T) - C(L)) x S/T - C(L+S) ..... (1)

Consideremos, agora, o erro de arredondamento (EA). Na pior situação, é igual a 0.5 unidades da última casa decimal, e denominá-lo-emos, neste caso, EAmax.

Temos, a seguir, que determinar qual o valor máximo de EI (EImax), o valor da latitude correspondente, o número de casas decimais e o valor de EAmax para cada coeficiente envolvido. No caso de EImax, como as expressões matemáticas dos coeficientes são complexas (ver cap. 5), é mais conveniente, ao invés de derivarmos a expressão (1) para cada coeficiente a fim de acharmos o seu máximo, elaborarmos

programas computacionais que forneçam o valor de EI, variando-se S e posteriormente L. Quanto ao erro de arredondamento, a precisão desejada determinará o número de casas decimais do coeficiente, que, por sua vez, determinará o valor de EAmax.

Consideraremos, na análise inicial de cada coeficiente, o intervalo de tabelamento (T) igual a 60".

4.1 Precisão do Cálculo de N

– COEFICIENTE (I)

Variando-se S de 0" a 60" e fazendo L = 45°, obtemos os seguintes valores para EI:

	S	EI
	0"	+0.000000000
	10"	+0.000376832
	20"	+0.000602931
L = 45°	30"	+0.000678298
	40"	+0.000602931
	50"	+0.000376832
	60"	+0.000000000

Como era de se esperar, o valor máximo de EI ocorre para S = 30", ou seja, para T/2. Naturalmente, isto é válido para qualquer coeficiente.

Fazendo, agora, S = 30" e variando-se L de 0° a 79° 59', obtemos os valores abaixo:

	L	EI
	0°	+0.000000196
	10°	+0.000230355
	20°	+0.000433360
	30°	+0.000585062
	40°	+0.000667054
S = 30"	45°	+0.000678298
	50°	+0.000668933
	60°	+0.000589798
	70°	+0.000438666
	79° 59'	+0.000234019

Como podemos verificar, EImax ocorre para L = 45° e S = 30", sendo igual a 0.000678298 m.

No caso de EAmax, como a precisão deseja é 0.001 m, o coeficiente (I) deve possuir 3 casas decimais, acarretando EAmax = ±0.0005 m.

Repetindo-se esta operação para os outros coeficientes, obtemos os resultados descritos a seguir:

- COEFICIENTE (II)

	L	EI	
	0°	-0.000000046	
	10°	-0.000054003	
	20°	-0.000101565	
	30°	-0.000137058	
S = 30"	40°	-0.000156180	
	45°	-0.000158766	--> valor absoluto máximo
	50°	-0.000156529	
	60°	-0.000137936	
	70°	-0.000102545	

Erro em N devido a EImax: EImax x ($Pmax^2$)

Pmax = 0.0001 x 10800 = 1.08
==> EImax x ($Pmax^2$) = -0.000158766 x (1.08^2) = -0.0002m

EAmax = ±0.0005 , para 3 casas decimais

Erro em N devido a EAmax: ±0.0005 x (1.08^2) = ±0.0006m

- COEFICIENTE (III)

EI --> desprezível

EAmax = ±0.00005 , para 4 casas decimais

Erro em N devido a EAmax: ±0.00005 x (1.08^4) = ±0.0001m

- COEFICIENTE (A'6)

EI --> desprezível

EAmax = ±0.00005 , para 4 casas decimais

Erro em N devido a EAmax: ±0.00005 x (1.08^6) = ±0.0001m

Montando uma tabela de erros em N originados por cada coeficiente, teremos:

COEFICIENTE	LATITUDE	ERRO EM N DEVIDO A Elmax (m)	NÚMERO DE CASAS DECIMAIS	ERRO EM N DEVIDO A EAmax (m)
(I)	45° 00' 30"	+0.0007	3	±0.0005
(II)	45° 00' 30"	-0.0002	3	±0.0006
(III)	-	-	4	±0.0001
(A' 6)	-	-	4	±0.0001

Daí, o ERRO PADRÃO MÁXIMO DE N =

$$= +0.0007 - 0.0002 \pm(0.0002 \pm(0.0005^2 + 0.0006^2 + 2 \times 0.0001^2)^{1/2}$$
$$= +0.0005 \pm 0.0008 =$$
$$= \pm 0.001m$$

Devemos notar que, apesar de não ter sido dado um tratamento matemático rigoroso na determinação do erro máximo de N em função dos erros de cada coeficiente, o que seria feito através do emprego de técnicas de pesquisa de valores máximos e mínimos de funções, o valor calculado anteriormente exprime, satisfatoriamente, a precisão da transformação, da mesma forma que os erros calculados a seguir para as outras transformações.

4.2 Precisão do Cálculo de E

– COEFICIENTE (IV)

S = 30"

L	El	
0°	-0.003247443	--> valor absoluto máximo
10°	-0.003200936	
20°	-0.003062217	
30°	-0.002833396	
40°	-0.002518533	
50°	-0.002124263	
60°	-0.001660383	
70°	-0.001140152	

O valor de Elmax é, portanto, igual a -0.003247443, que origina um erro em E de -0.003507238m. Como a precisão desejada é 0.001m, temos que diminuir o intervalo de tabelamento, fazendo T = 30".

Analogamente aos casos anteriores, para uma determinada latitude, o valor máximo de El ocorre na metade do intervalo, ou seja, para S = 15".

Fazendo, então, S = 15", e variando-se L, obtemos os resultados abaixo:

	L	EI	
S = 15"	0°	-0.000811861	--> valor absoluto máximo
	10°	-0.000800244	
	20°	-0.000765573	
	30°	-0.000708377	
	40°	-0.000629670	
	50°	-0.000531111	
	60°	-0.000415147	
	70°	-0.000285095	

Daí,

Erro em E devido a Elmax:

Elmax x Pmax = -0.000811861 x 1.08 = -0.0009m

EAmax = ±0.0005 , para 3 casas decimais

Erro em E devido a EAmax:
±0.0005 x 1.08 = ±0.0006m

– COEFICIENTE (V)

EI --> desprezível

EAmax = ±0.00005 , para 4 casas decimais

Erro em E devido a EAmax: $\pm 0.00005 \times (1.08)^3 = \pm 0.0001$m

– COEFICIENTE (B'5)

EI --> desprezível

EAmax = ±0.00005 , para 4 casas decimais

Erro em E devido a EAmax: $\pm 0.00005 \times (1.08)^5 = \pm 0.0001$m

Montando a tabela de erros, obtemos:

COEFICIENTE	LATITUDE	ERRO EM E DEVIDO A Elmax (m)	NÚMERO DE CASAS DECIMAIS	ERRO EM E DEVIDO A EAmax (m)
(IV)	00° 00' 15"	-0.0009	3	±0.0006
(V)	-	-	4	±0.0001
(B' 5)	-	-	4	±0.0001

Daí,

ERRO PADRÃO MÁXIMO DE E = $-0.0009 \pm (0.0005^2 + 2 \times 0.0001^2)^{1/2}$ =
= $-0.0009 \pm 0.0005 = \pm 0.001$m,

onde a presença do sinal positivo se justifica no caso de P = -1.08

4.3 Precisão do Cálculo da Latitude

– LAT1

Se Elmax do coeficiente (I) é de +0.0007m, então Elmax de LAT1 é o valor correspondente em segundos.

Logo, Elmax = +0.0007 / 30 = +0.000023", ocorrendo para a latitude de 45° 00' 30".

Da mesma forma,

EAmax = ±0.0005/30 = ±0.000017" , para 3 casas decimais de (I).

– COEFICIENTE (VII)

S = 30"

L	El
0°	+0.000000008
10°	+0.000009453
20°	+0.000021522
30°	+0.000040435
40°	+0.000075563
45°	+0.000105967
50°	+0.000153163
60°	+0.000369047
70°	+0.001253262
79° 59,	+0.010001657 --> valor máximo

Erro na LATITUDE devido a Elmax: -Elmax x ($Qmax^2$)
Qmax = 0.000001 x (E -500000) max = 0.000001 x 340000 = 0.34
==> -Elmax x ($Qmax^2$) = -0.010001657 x (0.34^2) = -0.001156"

que é maior que a precisão desejada (0.0001")

Entretanto, para latitudes menores que 70°, o erro será menor que:
-0.001253262 x (0.34^2) = -0.000145"

EAmax = ±0.00005 , para 4 casas decimais

Erro na LATITUDE devido a EAmax: ±0.00005 x (0.34^2) = ±0.000006"

- COEFICIENTE (VIII)

	L	EI	
	0°	0	
	10°	0.000000284	
	20°	0.000000726	
	30°	0.000001662	
S = 30"	40°	0.000004133	
	45°	0.000006943	
	50°	0.000012391	
	60°	0.000051207	
	70°	0.000382947	
	79° 59'	0.012056806	--> valor máximo

Erro na LATITUDE devido a Elmax:

$$Elmax \times (Qmax^4) = 0.012056806 \times (0.34^4) = 0.000161''$$

EAmax = ±0.0005 , para 3 casas decimais

Erro na LATITUDE devido a EAmax:

$$EAmax \times (Qmax^4) = \pm 0.0005 \times (0.34^4) = \pm 0.000007''$$

- COEFICIENTE (D' 6)

EI --> desprezível

EAmax = ±0.005 , para 2 casas decimais

Erro na LATITUDE devido a EAmax:

$$EAmax \times (Qmax^6) = \pm 0.005 \times (0.34^6) = \pm 0.000009''$$

Montando a tabela de erros, obtemos os resultados a seguir. Como os valores de Elmax para cada coeficiente, neste caso, ocorrem para diferentes latitudes, foram considerados, para cada coeficiente, os erros de interpolação para todos aqueles valores de latitude, calculados de maneira análoga ao de Elmax.

COEFICIENTE	LATITUDE	ERRO NA LATITUDE DEVIDO A EI (seg)	NÚMERO DE CASAS DECIMAIS	ERRO NA LATITUDE DEVIDO A EAmax (seg)
LAT 1	45° 00' 30" 70° 00' 30" 79° 59' 30"	+0.000023 +0.000015 +0.000008	3	±0.000017
(VII)	45° 00' 30" 70° 00' 30" 79° 59' 30"	-0.000012 -0.000145 -0.001156	4	±0.000006
(VIII)	45° 00' 30" 70° 00' 30" 79° 59' 30"	- +0.000005 +0.000161	3	±0.000007
(D' 6)	-	-	2	±0.000009

Analisando a tabela acima, verificamos que a latitude que fornece o maior erro total na LATITUDE menor que a precisão desejada é 70° 00' 30". Para esta latitude, então, temos:

ERRO PADRÃO MÁXIMO DA LATITUDE =

$= +0.000015 - 0.000145 + 0.000005 \pm (0.000017^2 + 0.000006^2 +$

$+ 0.000007^2 + 0.000009^2)^{1/2} = -0.000125 \pm 0.000021 = \pm 0.0001''$, onde o sinal positivo se justifica para latitudes negativas.

Para latitudes entre 71° e 80°, o erro padrão máximo da latitude será:

$+ 0.000008 - 0.001156 + 0.000161 \pm 0.000021 = -0.000987 \pm 0.000021 = \pm 0.001''$

4.4 Precisão do Cálculo da Longitude

– COEFICIENTE (IX)

S = 30"

L	EI
0°	+0.000339898
10°	+0.000366756
20°	+0.000458121
30°	+0.000655572
40°	+0.001071735
50°	+0.002038171
60°	+0.004777956
70°	+0.016070863
79° 59'	+0.127980323 --> valor máximo

Como podemos ver, o valor de Elmax é igual a +0.127980323, que origina um erro na longitude de +0.043513310".

Uma vez que o erro padrão máximo desejável é 0.0001", ou seja, bem inferior ao valor acima, temos que diminuir o intervalo de tabelamento, conforme já fizemos anteriormente com o coeficiente (IV). Fazendo-o, então, igual a 30", o erro máximo para uma determinada latitude ocorre para S = 15".

Variando L, obtemos os resultados abaixo:

S = 15"

L	EI
0°	+0.000084974
10°	+0.000091683
20°	+0.000114516
30°	+0.000163864
40°	+0.000267871
45°	+0.000361622
50°	+0.000509387
60°	+0.001193995
70°	+0.004015207
79° 59'	+0.031955140
79° 59' 30"	+0.032035055 --> valor máximo

Erro na LONGITUDE devido a Elmax:

Elmax x Qmax = 0.032035055 x 0.34 = 0.01089", que é maior que a precisão desejada.

Entretanto, para latitudes menores que 45°, o erro será menor que +0.000361622 x 0.34 = +0.00012".

EAmax = ±0.00005 , para 4 casas decimais

Erro na LONGITUDE devido a EAmax:

±0.00005 x 0.34 = ±0.00002"

- COEFICIENTE (X)

S = 30"

L	El
0°	+0.000006977
10°	+0.000008350
20°	+0.000013545
30°	+0.000027342
40°	+0.000066531
45°	+0.000112192
50°	+0.000201730
60°	+0.000848850
70°	+0.006447228
79° 59'	+0.204990720 --> valor máximo

Para S = 15"

L = 45° ==> El = +0.000084131

L = 70° ==> El = +0.004833742

E para S = 45" e L = 79° 59' ==> El = 0.153849782

Erro na LONGITUDE devido a Elmax:

-Elmax x ($Qmax^3$) = -0.204990720 x (0.34^3) = -0.00806"

EAmax = ±0.0005 , para 3 casas decimais

Erro na LONGITUDE devido a EAmax: ±0.0005 x (0.34^3) = ±0.00002"

- COEFICIENTE (E'5)

EI --> desprezível

EAmax = ±0.005 , para 2 casas decimais

Erro na LONGITUDE devido a EAmax:

EAmax x ($Qmax^5$) = ±0.005 x (0.34^5) = ±0.00002"

Montando a tabela de erros, obtemos os resultados abaixo. Da mesma forma que na determinação da LATITUDE, os valores de EImax ocorrem para valores diferentes de latitude, de maneira que o erro de cada um desses valores foi considerado.

COEFICIENTE	LATITUDE	ERRO NA LONGITUDE DEVIDO A EI (seg)	NÚMERO DE CASAS DECIMAIS	ERRO NA LONGITUDE DEVIDO A EAmax (seg)
(IX)	45° 00' 15"	+0.00012	4	±0.00002
	70° 00' 15"	+0.00136		
	79° 59' 30"	-		
	79° 59' 45"	+0.01089		
(X)	45° 00' 15"	-	3	±0.00002
	70° 00' 15"	-0.00019		
	79° 59' 30"	-0.00806		
	79° 59' 45"	-0.00605		
(E' 5)	-	-	2	±0.00002

Analisando os resultados acima, verificamos que a latitude que fornece o maior erro total na LONGITUDE, menor que a precisão desejada, é 45° 00' 15". Para esta latitude, temos:

ERRO PADRÃO MÁXIMO DA LONGITUDE =

= +0.00012 ± $(3 \times 0.00002^2)^{1/2}$ = +0.00012 ± 0.00003 = ±0.0001", onde o sinal negativo se justifica para Q = -0.34.

Para latitudes entre 45° 00' 30" e 70° 00' 30", o erro máximo da longitude será:

+0.00136 - 0.00019 ± 0.00003 = ±0.001"

E para latitude entre 70° 00' 30" e 80°, este erro será:

-0.00806 ± 0.00003 = ±0.01"

4.5 Precisão do Cálculo da Convergência Meridiana em Função das Coordenadas Geodésicas

- COEFICIENTE (XII)

S = 30"

L	EI	
0°	-0.000000015	
10°	-0.000018382	
20°	-0.000036190	
30°	-0.000052898	
40°	-0.000067999	
50°	-0.000081034	
60°	-0.000091607	
70°	-0.000099396	
79° 59'	-0.000104160	--> valor absoluto máximo

Erro na CONVERGÊNCIA MERIDIANA devido a EImax:

EImax x Pmax = -0.000104160 x 1.08 = -0.0001"

EAmax = ±0.0005 , para 3 casas decimais

Erro na CONVERGÊNCIA MERIDIANA devido a EAmax:

±0.0005 x 1.08 = ±0.0005"

- COEFICIENTE (XIII)

EI --> desprezível

EAmax = ±0.0005 , para 3 casas decimais

Erro na CONVERGÊNCIA MERIDIANA devido a EAmax:

EAmax x ($Pmax^3$) = ±0.0005 x (1.08^3) = ±0.0006"

– COEFICIENTE (C'5)

EI - desprezível

EAmax = ±0.0005 , para 3 casas decimais

Erro na CONVERGÊNCIA MERIDIANA devido a EAmax:

EAmax x ($Pmax^5$) ±0.0005 x (1.08^5) = ±0.0007"

Montando a tabela de erros, obtemos:

COEFICIENTE	LATITUDE	ERRO NA CONVERGÊNCIA DEVIDO A EImax (seg)	NÚMERO DE CASAS DECIMAIS	ERRO NA CONVERGÊNCIA DEVIDO A EAmax (seg)
(XII)	79° 59' 30"	-0.0001	3	±0.0005
(XIII)	-	-	3	±0.0006
(C' 5)	-	-	3	±0.0007

Daí,

ERRO PADRÃO MÁXIMO DA CONVERGÊNCIA MERIDIANA =

(em função das coordenadas geodésicas)

$= -0.0001 \pm (0.0005^2 + 0.0006^2 + 0.0007^2)^{1/2} =$

$= -0.001 \pm 0.0010 = \pm 0.001''$

4.6 Precisão do Cálculo da Convergência Meridiana em Função das Coordenadas UTM

– COEFICIENTE (XV)

S = 30"

L	EI	
0°	+0.000000099	
10°	+0.000123337	
20°	+0.000279830	
30°	+0.000523346	
40°	+0.000973576	
50°	+0.001966382	
55°	+0.002960915	
60°	+0.004727587	
70°	+0.016038792	
75°	+0.038063047	
79° 59"	+0.127964690	--> valor máximo

Erro na CONVERGÊNCIA MERIDIANA devido a Elmax:

Elmax x Qmax = +0.127964690 x 0.34 = 0.0435",

que é maior que a precisão desejada.

Entretanto, para latitudes menores que 55°, este erro será menor que +0.002960915 x 0.34 = +0.0010"

Para latitudes entre 55° e 75°, o erro será:

+0.038063047 x 0.34 = +0.0129"

EAmax = ±0.0005 , para 3 casas decimais

Erro na CONVERGÊNCIA MERIDIANA devido a EAmax:

±0.0005 x 0.34 = ±0.0002"

- COEFICIENTE (XVI)

S = 30"

L	El
0°	+0.000000003
10°	+0.000004257
20°	+0.000011037
30°	+0.000025757
40°	+0.000065512
50°	+0.000201072
55°	+0.000392370
60°	+0.000848434
70°	+0.006446983
75°	+0.027184376
79° 59'	+0.204990606 --> valor máximo

Erro na CONVERGÊNCIA MERIDIANA devido a Elmax:

-Elmax x ($Qmax^3$) = -0.20499006 x (0.34^3) = -0.0081"

EAmax = ±0.005 , para 2 casas decimais

Erro na CONVERGÊNCIA MERIDIANA devido a EAmax:

±0.005 x (0.34^3) = ±0.0002"

- COEFICIENTE (F'5)

EI - desprezível

EAmax = ±0.05 , para 1 casa decimal

Erro na CONVERGÊNCIA MERIDIANA devido a EAmax:

$EImax \times (Qmax^5) = \pm 0.05 \times (0.34^5) = \pm 0.0002''$

Montando a tabela de erros, obtemos:

COEFICIENTE	LATITUDE	ERRO NA CONVERGÊNCIA DEVIDO A EI (seg)	NÚMERO DE CASAS DECIMAIS	ERRO NA CONVERGÊNCIA DEVIDO A EAmax (seg)
(XV)	55° 00' 30" 75° 00' 30" 79° 59' 30"	+0.0010 +0.0129 +0.0435	3	±0.0002
(XVI)	55° 00' 30" 75° 00' 30" 79° 59' 30"	- -0.0011 -0.0081	2	±0.0002
(F' 5)	-	-	1	±0.0002

De acordo com a tabela acima, verificamos que o maior erro total, menor que a precisão desejada, ocorre para a latitude de 55° 00' 30".

Daí,

ERRO PADRÃO MÁXIMO DA CONVERGÊNCIA MERIDIANA=

(em função das coordenadas UTM)

$= +0.0010 \pm (3 \times 0.0002^2)^{1/2} =$

$= +0.0010 \pm 0.0003 = \pm 0.001''$

onde o sinal negativo se justifica para Q = -0.34.

Para latitudes entre 56° e 76°, o valor do erro será:

$+0.0129 - 0.0011 \pm 0.0003 = +0.0118 \pm 0.0003 = \pm 0.01''$

Para latitudes entre 76° e 80°, o erro será:

$+0.0435 - 0.0081 \pm 0.0003 = +0.0354 \pm 0.0003 = \pm 0.04''$

4.7 Precisão do Cálculo do Fator de Escala

- COEFICIENTE (XVII)

EI–> desprezível

EAmax = ±0.0000005 , para 6 casas decimais

Erro no FATOR DE ESCALA devido a EAmax:

$$KO \times EAmax \times (Qmax^2) = \pm 0.9996 \times 0.0000005 \times (0.34^2) = \pm 0.0000001$$

4.8 Quadro-Resumo

Com a divisão 4.7 acima, encerramos a determinação das precisões das várias transformações e cálculos usando as tabelas.

Fazendo um quadro-resumo dos resultados encontrados, obtemos:

ELEMENTO CALCULADO	LATITUDE (em valor absoluto)	PRECISÃO
N	≤ 80°	±0.001 m
E	≤ 80°	±0.001 m
LATITUDE	≤ 70°	±0.0001"
	≥ 70° e ≤ 80°	±0.001"
LONGITUDE	≤ 45°	±0.0001"
	≥ 45° e ≤ 70°	±0.001"
	≥ 70° e ≤ 80°	±0.01"
C (Coord. Geodésicas)	≤ 80°	±0.001"
C (Coord. UTM)	≤ 55°	±0.001"
	≥ 55° e ≤ 75°	±0.01"
	≥ 75° e ≤ 80°	±0.04"
K	≤ 80°	±0.0000001

Na tabela acima, a coluna LATITUDE representa o intervalo para o qual a transformação respectiva fornecerá, para erro padrão máximo, o valor constante da coluna PRECISÃO.

É importante notar que, no estudo realizado, foi sempre levada em conta a pior situação, qual seja, de pontos situados nos extremos dos fusos UTM.

5 EXPRESSÕES MATEMÁTICAS DOS COEFICIENTES

5.1 Notação

LAT - latitude do ponto considerado;

LAT1 - argumento da tabela 2 para *(I)* = *N1* (ver seção 2.2A);

S - comprimento do arco de meridiano definido pelo ponto considerado e o Equador;

V - raio de curvatura da seção primeiro vertical na latitude considerada;

e' - segunda excentricidade do elipsóide;

KO - fator de escala no meridiano central *(0.9996)*.

5.2 Expressões

$$(I) = S.KO$$

$$(II) = \frac{V.sen\ LAT.cos\ Lat.sen^2\ 1}{2} . KO . 10^8$$

$$(III) = \frac{sen^4 1''.V.sen\ LAT.cos^3 LAT}{24} (5 - tan^2 LAT + 9e'^2 cos^2 LAT + 4e'^4 cos^4 LAT) . KO . 10^{16}$$

$$(IV) = V.\ cos\ LAT.\ sen\ 1''\ .\ KO\ .\ 10^4$$

$$(V) = \frac{sen^3 1''.V.cos^3 LAT}{6} (1 - tan^2 LAT + e'^2 cos^2 LAT) . KO . 10^{12}$$

$$(VII) = \frac{tan\ LAT1}{2.V^2.sen\ 1''} (1 + e'^2 cos^2 LAT1) . \frac{1}{KO^2} . 10^{12}$$

$$(VIII) = \frac{tan\ LAT1}{24.V^4.sen\ 1''} (5 + 3tan^2 LAT1 + 6e'^2 cos^2 LAT1 - 6e'^2 sen^2 LAT1 - 3e'^4 cos^4 LAT1 - 9e'^4 cos^2 LAT1 . sen^2 LAT1) . \frac{1}{KO^4} . 10^{24}$$

$$(IX) = \frac{sec\ LAT1}{V.sen\ 1''} . \frac{1}{KO} . 10^6$$

$$(X) = \frac{sec\ LAT1}{6.V^3.sen\ 1''} (1 + 2tan^2 LAT1 + e'^2 cos^2 LAT1) . \frac{1}{KO^3} . 10^{18}$$

$$(XII) = sen\ LAT\ .\ 10^4$$

$$(XIII) = \frac{sen^2 1''.sen\ LAT.cos^2 LAT}{3} (1 + 3e'^2 cos^2 LAT + 2e'^4 cos^4 LAT) . 10^{12}$$

$$(XV) = \frac{\tan LAT1}{V.\text{sen } 1''} \cdot \frac{1}{KO} \cdot 10^{6}$$

$$(XVI) = \frac{\tan LAT1}{3.V^{3}.\text{sen } 1''} (1 \ \tan^{2}LAT1 - e'^{2}\cos^{2}LAT1 - 2e'^{4}\cos^{4}LAT1) \cdot \frac{1}{KO^{3}} \cdot 10^{18}$$

$$(XVIII) = \frac{1 + e'^{2}\cos^{2}LAT}{2.V^{2}} \cdot \frac{1}{KO^{2}} \cdot 10^{12}$$

$$(A'6) = \frac{\text{sen}^{6}1''.V.\text{sen } LAT.\cos^{5}LAT}{720} (61 - 58\tan^{2}LAT + \tan^{4}LAT + 270e'^{2}\cos^{2}LAT - 330e'^{2}\text{sen}^{2}LAT) \cdot KO \cdot 10^{24}$$

$$(B'5) = \frac{\text{sen}^{5}1''.V.\cos^{5}LAT}{120} (5 - 18\tan^{2}LAT + \tan^{4}LAT + 14e'^{2}\cos^{2}LAT - 58e'^{2}\text{sen}^{2}LAT). KO \cdot 10^{20}$$

$$(C'5) = \frac{\text{sen}^{4}1''.\text{sen } LAT.\cos^{4}LAT}{15} (2 - \tan^{2}LAT) \cdot 10^{20}$$

$$(D'6) = \frac{\tan LAT1}{720.V6.\text{sen } 1''} (61 + 90\tan^{2}LAT1 + 45 \tan^{4}LAT1 + 107e'^{2}\cos^{2}LAT1 - 162e'^{2} \text{sen}^{2}LAT1 - 45e'^{2}\tan^{2}LAT1 \cdot \text{sen}^{2}LAT1). \frac{1}{KO^{6}} \cdot 10^{36}$$

$$(E'5) = \frac{\sec LAT1}{120.V^{5}.\text{sen } 1''} (5 + 28\tan^{2}LAT1 + 24\tan^{4}LAT1 + 6e'^{2}\cos^{2}LAT1 + 8e'^{2}\text{sen}^{2}LAT1). \frac{1}{KO^{5}} \cdot 10^{30}$$

$$(F'5) = \frac{\tan LAT1}{15.V^{5}.\text{sen } 1''} (2 + 5 \tan^{2}LAT1 + 3 \tan^{4}LAT1) \cdot \frac{1}{KO^{5}} \cdot 10^{30}$$

Tabelas para Cálculos no Sistema de Projeção Universal Transverso de Mercator - UTM

Elipsóide Internacional de 1967

Esta publicação, em sua segunda edição, apresenta tabelas destinadas à condução dos cálculos rigorosos no sistema de projeção universal transversa de Mercator - UTM, segundo o elipsóide internacional de 1967, e as precisões numéricas para os elementos tabulares e cálculos correntes.