

Tavola 4											
Latitudine crescente											
Lat.	0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	Lat.
0	0.0	59.6	119.2	178.9	238.6	298.4	358.3	418.2	478.4	538.6	0
1	01.0	60.6	20.2	79.9	39.6	299.4	59.3	19.2	79.4	39.6	1
2	02.0	61.6	21.2	80.9	40.6	300.4	60.3	20.2	80.4	40.6	2
3	03.0	62.6	22.2	81.9	41.6	01.4	61.3	21.2	81.4	41.7	3
4	04.0	63.6	23.2	82.9	42.6	02.4	62.2	22.2	82.4	42.7	4
5	5.0	64.6	24.2	83.9	43.6	303.4	363.2	423.2	483.4	543.7	5
6	06.0	65.6	25.2	84.8	44.6	04.4	64.2	24.2	84.4	44.7	6
7	07.0	66.6	26.2	85.8	45.6	05.4	65.2	25.3	85.4	45.7	7
8	07.9	67.5	27.2	86.8	46.6	06.4	66.2	26.3	86.4	46.7	8
9	08.9	68.5	28.2	87.8	47.6	07.4	67.2	27.3	87.4	47.7	9
10	9.9	69.5	29.2	88.8	48.6	308.3	368.2	428.3	488.4	548.7	10
11	10.9	70.5	30.2	89.8	49.5	09.3	69.2	29.3	89.4	49.7	11
12	11.9	71.5	31.1	90.8	50.5	10.3	70.2	30.3	90.4	50.7	12
13	12.9	72.5	32.1	91.8	51.5	11.3	71.2	31.3	91.4	51.7	13
14	13.9	73.5	33.1	92.8	52.5	12.3	72.2	32.3	92.4	52.7	14
15	14.9	74.5	34.1	93.8	53.5	313.3	373.2	433.3	493.4	553.7	15
16	15.9	75.5	35.1	94.8	54.5	14.3	74.2	34.3	94.4	54.7	16
17	16.9	76.5	36.1	95.8	55.5	15.3	75.2	35.3	95.4	55.7	17
18	17.9	77.5	37.1	96.8	56.5	16.3	76.2	36.3	96.4	56.7	18
19	18.9	78.5	38.1	97.8	57.5	17.3	77.2	37.3	97.4	57.8	19
20	19.9	79.5	39.1	98.8	58.5	318.3	378.2	438.3	498.4	558.8	20
21	20.9	80.5	40.1	99.8	59.5	19.3	79.2	39.3	99.4	59.8	21
22	21.9	81.5	41.1	200.8	60.5	20.3	80.2	40.3	500.4	60.8	22
23	22.8	82.5	42.1	01.8	61.5	21.3	81.2	41.3	01.4	61.8	23
24	23.8	83.4	43.1	02.8	62.5	22.3	82.2	42.3	02.5	62.8	24
25	24.8	84.4	44.1	203.8	63.5	323.3	383.2	443.3	503.5	563.8	25
26	25.8	85.4	45.1	04.7	64.5	24.3	84.2	44.3	04.5	64.8	26
27	26.8	86.4	46.1	05.7	65.5	25.3	85.2	45.3	05.5	65.8	27
28	27.8	87.4	47.1	06.7	66.5	26.3	86.2	46.3	06.5	66.8	28
29	28.8	88.4	48.0	07.7	67.5	27.3	87.2	47.3	07.5	67.8	29
30	29.8	89.4	49.0	208.7	68.5	328.3	388.2	448.3	508.5	568.8	30
31	30.8	90.4	50.0	09.7	69.5	29.3	89.2	49.3	09.5	69.8	31
32	31.8	91.4	51.0	10.7	70.5	30.3	90.2	50.3	10.5	70.8	32
33	32.8	92.4	52.0	11.7	71.5	31.3	91.2	51.3	11.5	71.9	33
34	33.8	93.4	53.0	12.7	72.5	32.3	92.2	52.3	12.5	72.9	34
35	34.8	94.4	54.0	213.7	73.5	333.3	393.2	453.3	513.5	573.9	35
36	35.8	95.4	55.0	14.7	74.5	34.3	94.2	54.3	14.5	74.9	36
37	36.8	96.4	56.0	15.7	75.4	35.3	95.2	55.3	15.5	75.9	37
38	37.7	97.4	57.0	16.7	76.4	36.3	96.2	56.3	16.5	76.9	38
39	38.7	98.4	58.0	17.7	77.4	37.3	97.2	57.3	17.5	77.9	39
40	39.7	99.3	159.0	218.7	278.4	338.3	398.2	458.3	518.5	578.9	40
41	40.7	100.3	60.0	19.7	79.4	39.3	399.2	59.3	19.5	79.9	41
42	41.7	01.3	61.0	20.7	80.4	40.3	400.2	60.3	20.5	80.9	42
43	42.7	02.3	62.0	21.7	81.4	41.3	01.2	61.3	21.5	81.9	43
44	43.7	03.3	63.0	22.7	82.4	42.3	02.2	62.3	22.5	82.9	44
45	44.7	104.3	164.0	223.7	283.4	343.3	403.2	463.3	523.6	583.9	45
46	45.7	05.3	65.0	24.7	84.4	44.3	04.2	64.3	24.6	85.0	46
47	46.7	06.3	65.9	25.6	85.4	45.3	05.2	65.3	25.6	86.0	47
48	47.7	07.3	66.9	26.6	86.4	46.3	06.2	66.3	26.6	87.0	48
49	48.7	08.3	67.9	27.6	87.4	47.3	07.2	67.3	27.6	88.0	49
50	49.7	109.3	168.9	228.6	288.4	348.3	408.2	468.3	528.6	589.0	50
51	50.7	10.3	69.9	29.6	89.4	49.3	09.2	69.3	29.6	90.0	51
52	51.7	11.3	70.9	30.6	90.4	50.3	10.2	70.3	30.6	91.0	52
53	52.6	12.3	71.9	31.6	91.4	51.3	11.2	71.3	31.6	92.0	53
54	53.6	13.3	72.9	32.6	92.4	52.3	12.2	72.3	32.6	93.0	54
55	54.6	114.3	173.9	233.6	293.4	353.3	413.2	473.3	533.6	594.0	55
56	55.6	15.2	74.9	34.6	94.4	54.3	14.2	74.4	34.6	95.0	56
57	56.6	16.2	75.9	35.6	95.4	55.3	15.2	75.4	35.6	96.0	57
58	57.6	17.2	76.9	36.6	96.4	56.3	16.2	76.4	36.6	97.1	58
59	58.6	18.2	77.9	37.6	97.4	57.3	17.2	77.4	37.6	98.1	59
60	59.6	119.2	178.9	238.6	298.4	358.3	418.2	478.4	538.6	599.1	60
Lat.	0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	Lat.

Tavola 4											
Latitudine crescente											
Lat.	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°	Lat.
0	599.1	659.7	720.5	781.6	842.9	904.5	966.4	1028.6	1091.1	1154.0	0
1	600.1	60.7	21.6	82.6	43.9	05.5	67.4	29.6	92.1	55.0	1
2	01.1	61.7	22.6	83.6	45.0	06.6	68.4	30.7	93.2	56.1	2
3	02.1	62.7	23.6	84.7	46.0	07.6	69.5	31.7	94.2	57.1	3
4	03.1	63.7	24.6	85.7	47.0	08.6	70.5	32.7	95.3	58.2	4
5	604.1	664.8	725.6	786.7	848.0	909.6	971.6	1033.8	1096.3	1159.3	5
6	05.1	65.8	26.6	87.7	49.1	10.7	72.6	34.8	97.4	60.3	6
7	06.1	66.8	27.6	88.7	50.1	11.7	73.6	35.9	98.4	61.4	7
8	07.1	67.8	28.7	89.8	51.1	12.7	74.7	36.9	99.5	62.4	8
9	08.2	68.8	29.7	90.8	52.1	13.8	75.7	37.9	100.5	63.5	9
10	609.2	669.8	730.7	791.8	853.2	914.8	976.7	1039.0	1101.6	1164.5	10
11	10.2	70.8	31.7	92.8	54.2	15.8	77.8	40.0	02.6	65.6	11
12	11.2	71.9	32.7	93.8	55.2	16.9	78.8	41.1	03.7	66.6	12
13	12.2	72.9	33.7	94.9	56.2	17.9	79.8	42.1	04.7	67.7	13
14	13.2	73.9	34.8	95.9	57.3	18.9	80.9	43.1	05.7	68.7	14
15	614.2	674.9	735.8	796.9	858.3	919.9	981.9	1044.2	1106.8	1169.8	15
16	15.2	75.9	36.8	97.9	59.3	21.0	82.9	45.2	07.8	70.8	16
17	16.2	76.9	37.8	98.9	60.3	22.0	84.0	46.3	08.9	71.9	17
18	17.2	77.9	38.8	800.0	61.4	23.0	85.0	47.3	09.9	72.9	18
19	18.3	78.9	39.8	01.0	62.4	24.1	86.0	48.3	11.0	74.0	19
20	619.3	680.0	740.9	802.0	863.4	925.1	987.1	1049.4	1112.0	1175.0	20
21	20.3	81.0	41.9	03.0	64.4	26.1	88.1	50.4	13.1	76.1	21
22	21.3	82.0	42.9	04.1	65.5	27.2	89.1	51.5	14.1	77.1	22
23	22.3	83.0	43.9	05.1	66.5	28.2	90.2	52.5	15.2	78.2	23
24	23.3	84.0	44.9	06.1	67.5	29.2	91.2	53.5	16.2	79.3	24
25	624.3	685.0	746.0	807.1	868.5	930.2	992.3	1054.6	1117.3	1180.3	25
26	25.3	86.0	47.0	08.1	69.6	31.3	93.3	55.6	18.3	81.4	26
27	26.3	87.1	48.0	09.2	70.6	32.3	94.3	56.7	19.4	82.4	27
28	27.3	88.1	49.0	10.2	71.6	33.3	95.4	57.7	20.4	83.5	28
29	28.4	89.1	50.0	11.2	72.6	34.4	96.4	58.8	21.5	84.5	29
30	629.4	690.1	751.0	812.2	873.7	935.4	997.4	1059.8	1122.5	1185.6	30
31	30.4	91.1	52.1	13.2	74.7	36.4	98.5	60.8	23.5	86.6	31
32	31.4	92.1	53.1	14.3	75.7	37.5	99.5	61.9	24.6	87.7	32
33	32.4	93.1	54.1	15.3	76.8	38.5	100.5	62.9	25.6	88.7	33
34	33.4	94.1	55.1	16.3	77.8	39.5	01.6	64.0	26.7	89.8	34
35	634.4	695.2	756.1	817.3	878.8	940.6	1002.6	1065.0	1127.7	1190.9	35
36	35.4	96.2	57.1	18.4	79.8	41.6	03.7	66.0	28.8	91.9	36
37	36.4	97.2	58.2	19.4	80.9	42.6	04.7	67.1	29.8	93.0	37
38	37.4	98.2	59.2	20.4	81.9	43.7	05.7	68.1	30.9	94.0	38
39	38.5	99.2	60.2	21.4	82.9	44.7	06.8	69.2	31.9	95.1	39
40	639.5	700.2	761.2	822.5	883.9	945.7	1007.8	1070.2	1133.0	1196.1	40
41	40.5	01.2	62.2	23.5	85.0	46.8	08.8	71.3	34.0	97.2	41
42	41.5	02.3	63.3	24.5	86.0	47.8	09.9	72.3	35.1	98.2	42
43	42.5	03.3	64.3	25.5	87.0	48.8	10.9	73.4	36.1	99.3	43
44	43.5	04.3	65.3	26.5	88.1	49.9	12.0	74.4	37.2	100.4	44
45	644.5	705.3	766.3	827.6	889.1	950.9	1013.0	1075.4	1138.2	1201.4	45
46	45.5	06.3	67.3								

Tavola 4											
Latitudine crescente											
Lat.	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	Lat.
'											'
0	1217.3	1280.9	1345.1	1409.6	1474.7	1540.3	1606.4	1673.1	1740.4	1808.3	0
1	18.3	82.0	46.1	10.7	75.8	41.4	07.5	74.2	41.5	09.4	1
2	19.4	83.1	47.2	11.8	76.9	42.5	08.6	75.3	42.6	10.5	2
3	20.4	84.1	48.3	12.9	78.0	43.6	09.7	76.4	43.7	11.7	3
4	21.5	85.2	49.4	14.0	79.0	44.7	10.8	77.5	44.9	12.8	4
5	1222.6	1286.3	1350.4	1415.0	1480.1	1545.8	1611.9	1678.6	1746.0	1814.0	5
6	23.6	87.3	51.5	16.1	81.2	46.9	13.0	79.8	47.1	15.1	6
7	24.7	88.4	52.6	17.2	82.3	48.0	14.1	80.9	48.2	16.2	7
8	25.7	89.5	53.6	18.3	83.4	49.0	15.2	82.0	49.4	17.4	8
9	26.8	90.5	54.7	19.4	84.5	50.1	16.3	83.1	50.5	18.5	9
10	1227.9	1291.6	1355.8	1420.4	1485.6	1551.2	1617.5	1684.2	1751.6	1819.7	10
11	28.9	92.7	56.9	21.5	86.7	52.3	18.6	85.4	52.8	20.8	11
12	30.0	93.7	57.9	22.6	87.8	53.4	19.7	86.5	53.9	21.9	12
13	31.0	94.8	59.0	23.7	88.9	54.5	20.8	87.6	55.0	23.1	13
14	32.1	95.9	60.1	24.8	89.9	55.6	21.9	88.7	56.1	24.2	14
15	1233.1	1296.9	1361.2	1425.9	1491.0	1556.7	1623.0	1689.8	1757.3	1825.4	15
16	34.2	98.0	62.2	26.9	92.1	57.8	24.1	90.9	58.4	26.5	16
17	35.3	1299.1	63.3	28.0	93.2	58.9	25.2	92.1	59.5	27.6	17
18	36.3	1300.1	64.4	29.1	94.3	60.0	26.3	93.2	60.7	28.8	18
19	37.4	01.2	65.5	30.2	95.4	61.1	27.4	94.3	61.8	29.9	19
20	1238.4	1302.3	1366.5	1431.3	1496.5	1562.2	1628.5	1695.4	1762.9	1831.1	20
21	39.5	03.3	67.6	32.3	97.6	63.3	29.7	96.5	64.1	32.2	21
22	40.6	04.4	68.7	33.4	98.7	64.4	30.8	97.7	65.2	33.3	22
23	41.6	05.5	69.8	34.5	1499.8	65.5	31.9	98.8	66.3	34.5	23
24	42.7	06.5	70.8	35.6	1500.9	66.6	33.0	1699.9	67.4	35.6	24
25	1243.7	1307.6	1371.9	1436.7	1502.0	1567.7	1634.1	1701.0	1768.6	1836.8	25
26	44.8	08.7	73.0	37.8	03.0	68.8	35.2	02.1	69.7	37.9	26
27	45.9	09.7	74.1	38.8	04.1	69.9	36.3	03.3	70.8	39.1	27
28	46.9	10.8	75.1	39.9	05.2	71.0	37.4	04.4	72.0	40.2	28
29	48.0	11.9	76.2	41.0	06.3	72.2	38.5	05.5	73.1	41.3	29
30	1249.1	1312.9	1377.3	1442.1	1507.4	1573.3	1639.6	1706.6	1774.2	1842.5	30
31	50.1	14.0	78.4	43.2	08.5	74.4	40.8	07.8	75.4	43.6	31
32	51.2	15.1	79.4	44.3	09.6	75.5	41.9	08.9	76.5	44.8	32
33	52.2	16.2	80.5	45.4	10.7	76.6	43.0	010.0	77.6	45.9	33
34	53.3	17.2	81.6	46.4	11.8	77.7	44.1	11.1	78.8	47.1	34
35	1254.4	1318.3	1382.7	1447.5	1512.9	1578.8	1645.2	1712.2	1779.9	1848.2	35
36	55.4	19.4	83.7	48.6	14.0	79.9	46.3	13.4	81.0	49.3	36
37	56.5	20.4	84.8	49.7	15.1	81.0	47.4	14.5	82.2	50.5	37
38	57.5	21.5	85.9	50.8	16.2	82.1	48.5	15.6	83.3	51.6	38
39	58.6	22.6	87.0	51.9	17.3	83.2	49.7	16.7	84.4	52.8	39
40	1259.7	1323.6	1388.1	1453.0	1518.3	1584.3	1650.8	1717.9	1785.6	1853.9	40
41	60.7	24.7	89.1	54.0	19.4	85.4	51.9	19.0	86.7	55.1	41
42	61.8	25.8	90.2	55.1	20.5	86.5	53.0	20.1	87.8	56.2	42
43	62.9	26.9	91.3	56.2	21.6	87.6	54.1	21.2	89.0	57.4	43
44	63.9	27.9	92.4	57.3	22.7	88.7	55.2	22.3	90.1	58.5	44
45	1265.0	1329.0	1393.4	1458.4	1523.8	1589.8	1656.3	1723.5	1791.2	1859.7	45
46	66.1	30.1	94.5	59.5	24.9	90.9	57.5	24.6	92.4	60.8	46
47	67.1	31.1	95.6	60.6	26.0	92.0	58.6	25.7	93.5	61.9	47
48	68.2	32.2	96.7	61.6	27.1	93.1	59.7	26.8	94.6	63.1	48
49	69.2	33.3	97.8	62.7	28.2	94.2	60.8	28.0	95.8	64.2	49
50	1270.3	1334.3	1398.8	1463.8	1529.3	1595.3	1661.9	1729.1	1796.9	1865.4	50
51	71.4	35.4	1399.9	64.9	30.4	96.4	63.0	30.2	98.0	66.5	51
52	72.4	36.5	1401.0	66.0	31.5	97.5	64.1	31.3	1799.2	67.7	52
53	73.5	37.6	02.1	67.1	32.6	98.6	65.3	32.5	1800.3	68.8	53
54	74.6	38.6	03.2	68.2	33.7	1599.7	66.4	33.6	01.5	70.0	54
55	1275.6	1339.7	1404.2	1469.3	1534.8	1600.8	1667.5	1734.7	1802.6	1871.1	55
56	76.7	40.8	05.3	70.3	35.9	02.0	68.6	35.8	03.7	72.3	56
57	77.8	41.8	06.4	71.4	37.0	03.1	69.7	37.0	04.9	73.4	57
58	78.8	42.9	07.5	72.5	38.1	04.2	70.8	38.1	06.0	74.6	58
59	79.9	44.0	08.6	73.6	39.2	05.3	71.9	39.2	07.1	75.7	59
60	1280.9	1345.1	1409.6	1474.7	1540.3	1606.4	1673.1	1740.4	1808.3	1876.9	60
Lat.	20°	21°	22°	23°	24°	25°	26°	27°	28°	29°	Lat.

Tavola 4											
Latitudine crescente											
Lat.	30°	31°	32°	33°	34°	35°	36°	37°	38°	39°	Lat.
'											'
0	1876.9	1946.2	2016.2	2087.0	2158.6	2231.1	2304.5	2378.8	2454.1	2530.4	0
1	78.0	47.3	17.4	88.2	59.8	32.3	05.7	80.0	55.3	31.7	1
2	79.2	48.5	18.5	89.4	61.0	33.5	06.9	81.3	56.6	33.0	2
3	80.3	49.6	19.7	90.5	62.2	34.7	08.1	82.5	57.9	34.3	3
4	81.5	50.8	20.9	91.7	63.4	35.9	09.4	83.8	59.1	35.6	4
5	1882.6	1952.0	2022.1	2092.9	2164.6	2237.2	2310.6	2385.0	2460.4	2536.8	5
6	83.8	53.1	23.2	94.1	65.8	38.4	11.8	86.3	61.7	38.1	6
7	84.9	54.3	24.4	95.3	67.0	39.6	13.1	87.5	62.9	39.4	7
8	86.1	55.4	25.6	96.5	68.2	40.8	14.3	88.8	64.2	40.7	8
9	87.2	56.6	26.8	97.7	69.4	42.0	15.5	90.0	65.5	42.0	9
10	1888.4	1957.8	2027.9	2098.9	2170.6	2243.2	2316.8	2391.3	2466.7	2543.3	10
11	89.5	58.9	29.1	2100.1	71.8	44.5	18.0	92.5	68.0	44.5	11
12	90.7	60.1	30.3	01.2	73.0	45.7	19.2	93.8	69.3	45.8	12
13	91.8	61.3	31.5	02.4	74.2	46.9	20.5	95.0	70.5	47.1	13
14	93.0	62.4	32.6	03.6	75.4	48.1	21.7	96.3	71.8	48.4	14
15	1894.1	1963.6	2033.8	2104.8	2176.6	2249.3	2322.9	2397.5	2473.1	2549.7	15
16	95.3	64.8	35.0	06.0	77.8	50.6	24.2	2398.8	74.3	51.0	16
17	96.4	65.9	36.2	07.2	79.0	51.8	25.4	2400.0	75.6	52.3	17
18	97.6	67.1	37.3	08.4	80.3	53.0	26.6	01.3	76.9	53.6	18
19	98.7	68.2	38.5	09.6	81.5	54.2	27.9	02.5	78.1	54.8	19
20	1899.9	1969.4	2039.7	2110.8	2182.7	2255.4	2329.1	2403.8	2479.4	2556.1	20
21	1901.0	70.6	40.9	12.0	83.9	56.7	30.4	05.0	80.7	57.4	21
22	02.2	71.7	42.1	13.1	85.1	57.9	31.6	06.3	82.0	58.7	22
23	03.3	72.9	43.2	14.3	86.3	59.1	32.8	07.5	83.2	60.0	23
24	04.5	74.1	44.4	15.5	87.5	60.3	34.1	08.8	84.5	61.3	24
25	1905.6	1975.2	2045.6	2116.7	2188.7	2261.5	2335.3	2410.0	2485.8	2562.6	25
26	06.8	76.4	46.8	17.9	89.9	62.8	36.5	11.3	87.0	63.9	26
27	08.0	77.6	47.9	19.1	91.1	64.0	37.8	12.5	88.3	65.1	27
28	09.1	78.7	49.1	20.3	92.3	65.2	39.0	13.8	89.6	66.4	28
29	10.3	79.9	50.3	21.5	93.5	66.4	40.3	15.0	90.9	67.7	29
30	1911.4	1981.1	2051.5	2122.7	2194.7	2267.6	2341.5	2416.3	2492.1	2569.0	30
31	12.6	82.2	52.7	23.9	95.9	68.9	42.7	17.6	93.4	70.3	31
32	13.7	83.4	53.8	25.1	97.1	70.1	44.0	18.8	94.7	71.6	32
33	14.9	84.6	55.0	26.3	98.4	71.3	45.2	20.1	95.9	72.9	33
34	16.0	85.7	56.2	27.5	2199.6	72.5	46.4	21.3	97.2	74.2	34
35	1917.2	1986.9	2057.4	2128.7	2200.8	2273.8	2347.7	2422.6	2498.5	2575.5	35
36	18.4	88.1	58.6	29.9	02.0	75.0	48.9	23.8	2499.8	76.8	36
37	19.5	89.2	59.7	31.1	03.2	76.2	50.2	25.1	2501.0	78.1	37
38	20.7	90.4	60.9	32.2	04.4	77.4	51.4	26.3	02.3	79.4	38
39	21.8	91.6	62.1	33.4	05.6	78.7	52.6	27.6	03.6	80.6	39
40	1923.0	1992.8	2063.3	2134.6	2206.8	2279.9	2353.9	2428.9	2504.9	2581.9	40
41	24.1	93.9	64.5	35.8	08.0	81.1	55.1	30.1	06.1	83.2	41
42	25.3	95.1	65.7	37.0	09.2	82.3	56.4	31.4	07.4	84.5	

Tavola 4											
Latitudine crescente											
Lat.	40°	41°	42°	43°	44°	45°	46°	47°	48°	49°	Lat.
0	2607.9	2686.5	2766.3	2847.4	2929.8	3013.6	3099.0	3185.9	3274.4	3364.7	0
1	09.2	87.8	67.6	48.7	31.2	15.1	3100.4	87.3	75.9	66.2	1
2	10.5	89.1	69.0	50.1	32.6	16.5	01.8	88.8	77.4	67.7	2
3	11.8	90.4	70.3	51.5	34.0	17.9	03.3	90.2	78.9	69.3	3
4	13.1	91.8	71.7	52.8	35.4	19.3	04.7	91.7	80.4	70.8	4
5	2614.4	2693.1	2773.0	2854.2	2936.7	3020.7	3106.2	3193.2	3281.9	3372.3	5
6	15.7	94.4	74.3	55.6	38.1	22.1	07.6	94.6	83.4	73.8	6
7	17.0	95.7	75.7	56.9	39.5	23.5	09.0	96.1	84.8	75.3	7
8	18.3	97.1	77.0	58.3	40.9	24.9	10.5	97.6	86.3	76.9	8
9	19.6	98.4	78.4	59.7	42.3	26.4	11.9	3199.0	87.8	78.4	9
10	2620.9	2699.7	2779.7	2861.0	2943.7	3027.8	3113.3	3200.5	3289.3	3379.9	10
11	22.2	2701.0	81.1	62.4	45.1	29.2	14.8	02.0	90.8	81.4	11
12	23.5	02.3	82.4	63.8	46.5	30.6	16.2	03.4	92.3	83.0	12
13	24.8	03.7	83.8	65.1	47.9	32.0	17.7	04.9	93.8	84.5	13
14	26.1	05.0	85.1	66.5	49.2	33.4	19.1	06.4	95.3	86.0	14
15	2627.4	2706.3	2786.4	2867.9	2950.6	3034.8	3120.5	3207.8	3296.8	3387.5	15
16	28.7	07.6	87.8	69.2	52.0	36.3	22.0	09.3	98.3	89.1	16
17	30.0	09.0	89.1	70.6	53.4	37.7	23.4	10.8	3299.8	90.6	17
18	31.3	10.3	90.5	72.0	54.8	39.1	24.9	12.2	3301.3	92.1	18
19	32.6	11.6	91.8	73.3	56.2	40.5	26.3	13.7	02.8	93.7	19
20	2634.0	2713.0	2793.2	2874.7	2957.6	3041.9	3127.8	3215.2	3304.3	3395.2	20
21	35.3	14.3	94.5	76.1	59.0	43.3	29.2	16.7	05.8	96.7	21
22	36.6	15.6	95.9	77.4	60.4	44.8	30.6	18.1	07.3	98.3	22
23	37.9	16.9	97.2	78.8	61.8	46.2	32.1	19.6	08.8	3399.8	23
24	39.2	18.3	98.6	80.2	63.2	47.6	33.5	21.1	10.3	3401.3	24
25	2640.5	2719.6	2799.9	2881.6	2964.6	3049.0	3135.0	3222.5	3311.8	3402.8	25
26	41.8	20.9	2801.3	82.9	66.0	50.4	36.4	24.0	13.3	04.4	26
27	43.1	22.2	02.6	84.3	67.4	51.9	37.9	25.5	14.8	05.9	27
28	44.4	23.6	04.0	85.7	68.8	53.3	39.3	27.0	16.3	07.4	28
29	45.7	24.9	05.3	87.1	70.2	54.7	40.8	28.4	17.8	09.0	29
30	2647.0	2726.2	2806.7	2888.4	2971.5	3056.1	3142.2	3229.9	3319.3	3410.5	30
31	48.3	27.6	08.0	89.8	72.9	57.5	43.7	31.4	20.8	12.1	31
32	49.7	28.9	09.4	91.2	74.3	59.0	45.1	32.9	22.3	13.6	32
33	51.0	30.2	10.7	92.5	75.7	60.4	46.6	34.4	23.8	15.1	33
34	52.3	31.6	12.1	93.9	77.1	61.8	48.0	35.8	25.3	16.7	34
35	2653.6	2732.9	2813.4	2895.3	2978.5	3063.2	3149.5	3237.3	3326.9	3418.2	35
36	54.9	34.2	14.8	96.7	79.9	64.7	50.9	38.8	28.4	19.7	36
37	56.2	35.6	16.1	98.1	81.3	66.1	52.4	40.3	29.9	21.3	37
38	57.5	36.9	17.5	2899.4	82.7	67.5	53.8	41.7	31.4	22.8	38
39	58.8	38.2	18.9	2900.8	84.1	68.9	55.3	43.2	32.9	24.4	39
40	2660.2	2739.6	2820.2	2902.2	2985.5	3070.4	3156.7	3244.7	3334.4	3425.9	40
41	61.5	40.9	21.6	03.6	86.9	71.8	58.2	46.2	35.9	27.4	41
42	62.8	42.2	22.9	04.9	88.3	73.2	59.6	47.7	37.4	29.0	42
43	64.1	43.6	24.3	06.3	89.7	74.6	61.1	49.1	38.9	30.5	43
44	65.4	44.9	25.6	07.7	91.1	76.1	62.5	50.6	40.4	32.1	44
45	2666.7	2746.2	2827.0	2909.1	2992.6	3077.5	3164.0	3252.1	3342.0	3433.6	45
46	68.0	47.6	28.3	10.5	94.0	78.9	65.4	53.6	43.5	35.2	46
47	69.4	48.9	29.7	11.8	95.4	80.4	66.9	55.1	45.0	36.7	47
48	70.7	50.2	31.1	13.2	96.8	81.8	68.4	56.6	46.5	38.2	48
49	72.0	51.6	32.4	14.6	98.2	83.2	69.8	58.0	48.0	39.8	49
50	2673.3	2752.9	2833.8	2916.0	2999.6	3084.6	3171.3	3259.5	3349.5	3441.3	50
51	74.6	54.2	35.1	17.4	3001.0	86.1	72.7	61.0	51.0	42.9	51
52	75.9	55.6	36.5	18.7	02.4	87.5	74.2	62.5	52.5	44.4	52
53	77.3	56.9	37.9	20.1	03.8	88.9	75.6	64.0	54.1	46.0	53
54	78.6	58.3	39.2	21.5	05.2	90.4	77.1	65.5	55.6	47.5	54
55	2679.9	2759.6	2840.6	2922.9	3006.6	3091.8	3178.6	3267.0	3357.1	3449.1	55
56	81.2	60.9	41.9	24.3	08.0	93.2	80.0	68.4	58.6	50.6	56
57	82.5	62.3	43.3	25.7	09.4	94.7	81.5	69.9	60.1	52.2	57
58	83.8	63.6	44.7	27.0	10.8	96.1	82.9	71.4	61.7	53.7	58
59	85.2	65.0	46.0	28.4	12.2	97.5	84.4	72.9	63.2	55.3	59
60	2686.5	2766.3	2847.4	2929.8	3013.6	3099.0	3185.9	3274.4	3364.7	3456.8	60
Lat.	40°	41°	42°	43°	44°	45°	46°	47°	48°	49°	Lat.

Tavola 4											
Latitudine crescente											
Lat.	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°	Lat.
0	3456.8	3550.9	3647.0	3745.4	3846.0	3949.1	4054.8	4163.3	4274.8	4389.4	0
1	58.4	52.5	48.7	47.0	47.7	50.8	56.6	65.1	76.6	91.3	1
2	59.9	54.1	50.3	48.7	49.4	52.6	58.4	67.0	78.5	93.3	2
3	61.5	55.7	51.9	50.3	51.1	54.3	60.2	68.8	80.4	95.2	3
4	63.0	57.2	53.5	52.0	52.8	56.1	61.9	70.6	82.3	97.1	4
5	3464.6	3558.8	3655.1	3753.7	3854.5	3957.8	4063.7	4172.5	4284.2	4399.1	5
6	66.1	60.4	56.8	55.3	56.2	59.5	65.5	74.3	86.1	4401.0	6
7	67.7	62.0	58.4	57.0	57.9	61.3	67.3	76.1	88.0	03.0	7
8	69.2	63.6	60.0	58.6	59.6	63.0	69.1	78.0	89.8	04.9	8
9	70.8	65.2	61.6	60.3	61.3	64.8	70.9	79.8	91.7	06.9	9
10	3472.4	3566.8	3663.3	3762.0	3863.0	3966.5	4072.7	4181.7	4293.6	4408.8	10
11	73.9	68.4	64.9	63.6	64.7	68.3	74.5	83.5	95.5	10.8	11
12	75.5	70.0	66.5	65.3	66.4	70.0	76.3	85.3	97.4	12.7	12
13	77.0	71.5	68.1	67.0	68.1	71.8	78.1	87.2	4299.3	14.7	13
14	78.6	73.1	69.8	68.6	69.8	73.5	79.9	89.0	4301.2	16.6	14
15	3480.2	3574.7	3671.4	3770.3	3871.5	3975.3	4081.7	4190.9	4303.1	4418.6	15
16	81.7	76.3	73.0	72.0	73.2	77.0	83.4	92.7	05.0	20.5	16
17	83.3	77.9	74.7	73.6	74.9	78.8	85.2	94.6	06.9	22.5	17
18	84.8	79.5	76.3	75.3	76.7	80.5	87.0	96.4	08.8	24.4	18
19	86.4	81.1	77.9	77.0	78.4	82.3	88.8	98.3	10.7	26.4	19
20	3488.0	3582.7	3679.6	3778.6	3880.1	3984.0	4090.6	4200.1	4312.6	4428.3	20
21	89.5	84.3	81.2	80.3	81.8	85.8	92.4	02.0	14.5	30.3	21
22	91.1	85.9	82.8	82.0	83.5	87.5	94.2	03.8	16.4	32.3	22
23	92.6	87.5	84.5	83.7	85.2	89.3	96.0	05.7	18.3	34.2	23
24	94.2	89.1	86.1	85.3	86.9	91.0	97.8	07.5	20.2	36.2	24
25	3495.8	3590.7	3687.7	3787.0	3888.6	3992.8	4099.7	4209.4	4322.1	4438.1	25
26	97.3	92.3	89.4	88.7	90.4	94.6	4101.5	11.2	24.0	40.1	26
27	3498.9	3593.9	3691.0	3790.3	3892.1	3996.3	4103.3	13.1	25.9	42.1	27
28	3500.5	3595.5	3692.6	3792.0	3893.8	3998.1	4105.1	14.9	27.8	44.0	28
29	02.0	97.1	94.3	93.7	95.5	3999.8	06.9	16.8	29.7	46.0	29
30	3503.6	3598.7	3695.9	3795.4	3897.2	4001.6	4108.7	4218.6	4331.7	4448.0	30
31	05.2	3600.3	97.6	97.1	3898.9	03.4	10.5	20.5	33.6	49.9	31
32	06.7	01.9	3699.2	3798.7	3900.7	05.1	12.3	22.4	35.5	51.9	32
33	08.3	03.5	3700.8	3800.4	02.4	06.9	14.1	24.2	37.4	53.9	33
34	09.9	05.1	02.5	02.1	04.1	08.7	15.9	26.1	39.3	55.8	34
35	3511.5	3606.7	3704.1	3803.8	3905.8	4010.4	4117.7	4227.9	4341.2	4457.8	35
36	13.0	08.3	05.8	05.4	07.5	12.2	19.5	29.8	43.1	59.8	36
37	14.6	09.9	07.4	07.1	09.3	14.0	21.4	31.7	45.1	61.7	37
38	16.2	11.5	09.0	08.8	11.0	15.7	23.2	33.5	47.0	63.7	38
39	17.7	13.1	10.7	10.5	12.7	17.5	25.0	35.4	48.9	65.7	39
40	3519.3	3614.8	3712.3	3812.2	3914.4	4019.3	4126.8	4237.3	4350.8	4467.7	40
41	20.9	16.4	14.0	13.9	16.2	21.0	28.6	39.1	52.7	69.6	41
42	22.5	18.0	15.6	15.5	17.9	22.8	30.4	41.0	54.6	71.6	42
43	24.0	19.6	17.3	17.2	19.6	24					

Tavola 4 Latitudine crescente											
Lat.	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°	Lat.
0	4507.4	4629.1	4754.6	4884.4	5018.7	5157.9	5302.4	5452.8	5609.4	5773.0	0
1	09.4	31.1	56.8	86.6	21.0	60.3	04.9	55.3	12.1	75.8	1
2	11.4	33.2	58.9	88.8	23.3	62.6	07.4	57.9	14.8	78.6	2
3	13.4	35.2	61.0	91.0	25.5	65.0	09.8	60.5	17.4	81.4	3
4	15.4	37.3	63.1	93.2	27.8	67.4	12.3	63.0	20.1	84.2	4
5	4517.4	4639.4	4765.3	4895.4	5030.1	5169.7	5314.7	5465.6	5622.8	5787.0	5
6	19.4	41.4	67.4	97.6	32.4	72.1	17.2	68.2	25.5	89.8	6
7	21.4	43.5	69.5	4899.8	34.7	74.5	19.7	70.7	28.2	92.6	7
8	23.4	45.6	71.7	4902.0	37.0	76.9	22.1	73.3	30.8	95.4	8
9	25.4	47.6	73.8	04.2	39.3	79.2	24.6	75.9	33.5	5798.2	9
10	4527.4	4649.7	4776.0	4906.5	5041.6	5181.6	5327.1	5478.4	5636.2	5801.0	10
11	29.4	51.8	78.1	08.7	43.8	84.0	29.6	81.0	38.9	03.8	11
12	31.4	53.9	80.2	10.9	46.1	86.4	32.0	83.6	41.6	06.6	12
13	33.4	55.9	82.4	13.1	48.4	88.8	34.5	86.2	44.3	09.5	13
14	35.5	58.0	84.5	15.3	50.7	99.1	37.0	88.7	47.0	12.3	14
15	4537.5	4660.1	4786.7	4917.5	5053.0	5193.5	5339.5	5491.3	5649.7	5815.1	15
16	39.5	62.2	88.8	19.8	55.3	95.9	42.0	93.9	52.4	17.9	16
17	41.5	64.2	91.0	22.0	57.6	5198.3	44.4	96.5	55.1	20.7	17
18	43.5	66.3	93.1	24.2	59.9	5200.7	46.9	5499.1	57.8	23.6	18
19	45.5	68.4	95.3	26.4	62.2	03.1	49.4	5501.7	60.5	26.4	19
20	4547.5	4670.5	4797.4	4928.6	5064.5	5205.5	5351.9	5504.3	5663.2	5829.2	20
21	49.6	72.6	4799.6	30.9	66.8	07.9	54.4	06.9	81.0	32.1	21
22	51.6	74.6	4801.7	33.1	69.2	10.3	56.9	09.5	68.6	34.9	22
23	53.6	76.7	03.9	35.3	71.5	12.7	59.4	12.1	71.3	37.7	23
24	55.6	78.8	06.0	37.6	73.8	15.1	61.9	14.7	74.0	40.6	24
25	4557.6	4680.9	4808.2	4939.8	5076.1	5217.5	5364.4	5517.3	5676.7	5843.4	25
26	59.7	83.0	10.3	42.0	78.4	19.9	66.9	19.9	79.4	46.2	26
27	61.7	85.1	12.5	44.2	80.7	22.3	69.4	22.5	82.2	49.1	27
28	63.7	87.2	14.6	46.5	83.0	24.7	71.9	25.1	84.9	51.9	28
29	65.7	89.2	16.8	48.7	85.3	27.1	74.4	27.7	87.6	54.8	29
30	4567.8	4691.3	4819.0	4951.0	5087.7	5229.5	5376.9	5530.3	5690.3	5857.6	30
31	69.8	93.4	21.1	53.2	90.0	31.9	79.4	32.9	93.1	60.5	31
32	71.8	95.5	23.3	55.4	92.3	34.3	81.9	35.5	95.8	63.3	32
33	73.8	97.6	25.5	57.7	94.6	36.7	84.4	38.1	5698.5	66.2	33
34	75.9	4699.7	27.6	59.9	97.0	39.1	86.9	40.7	5701.2	69.1	34
35	4577.9	4701.8	4829.8	4962.2	5099.3	5241.6	5389.4	5543.6	5704.0	5871.9	35
36	79.9	03.9	32.0	64.4	5101.6	44.0	91.9	46.0	06.7	74.8	36
37	82.0	06.0	34.1	66.7	03.9	46.4	94.4	48.6	09.5	77.7	37
38	84.0	08.1	36.3	68.9	06.3	48.8	97.0	51.2	12.2	80.5	38
39	86.1	10.2	38.5	71.2	08.6	51.2	5399.5	53.9	14.9	83.4	39
40	4588.1	4712.3	4840.7	4973.4	5110.9	5253.7	5402.0	5556.5	5717.7	5886.3	40
41	90.1	14.4	42.8	75.7	13.3	56.1	04.5	59.1	20.4	89.2	41
42	92.2	16.5	45.0	77.9	15.6	58.5	07.0	61.7	23.2	92.0	42
43	94.2	18.6	47.2	80.2	17.9	60.9	09.6	64.4	25.9	94.9	43
44	96.3	20.7	49.4	82.4	20.3	63.4	12.1	67.0	28.7	5897.8	44
45	4598.3	4722.9	4851.5	4984.7	5122.6	5265.8	5414.6	5569.7	5731.4	5900.7	45
46	4600.3	25.0	53.7	86.9	25.0	68.2	17.2	72.3	34.2	03.6	46
47	02.4	27.1	55.9	89.2	27.3	70.7	19.7	74.9	37.0	06.5	47
48	04.4	29.2	58.1	91.5	29.7	73.1	22.2	77.6	39.7	09.4	48
49	06.5	31.3	60.3	93.7	32.0	75.5	24.8	80.2	42.5	12.3	49
50	4608.5	4733.4	4862.5	4996.0	5134.4	5278.0	5427.3	5582.9	5745.3	5915.2	50
51	10.6	35.5	64.6	4998.3	36.7	80.4	29.8	85.5	48.0	18.1	51
52	12.6	37.6	66.8	5000.5	39.1	82.9	32.4	88.2	50.8	21.0	52
53	14.7	39.8	69.0	02.8	41.4	85.3	34.9	90.8	53.6	23.9	53
54	16.7	41.9	71.2	05.1	43.8	87.7	37.5	93.5	56.3	26.8	54
55	4618.8	4744.0	4873.4	5007.3	5146.1	5290.2	5440.0	5596.1	5759.1	5929.7	55
56	20.8	46.1	75.6	09.6	48.5	92.6	42.6	5598.8	61.9	32.6	56
57	22.9	48.3	77.8	11.9	50.8	95.1	45.1	5601.4	64.7	35.5	57
58	24.9	50.4	80.0	14.1	53.2	5297.5	47.7	04.1	67.5	38.4	58
59	27.0	52.5	82.2	16.4	55.5	5300.0	50.2	06.8	70.2	41.3	59
60	4629.1	4754.6	4884.4	5018.7	5157.9	5302.4	5452.8	5609.4	5773.0	5944.2	60
Lat.	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°	Lat.

Tavola 4 Latitudine crescente											
Lat.	70°	71°	72°	73°	74°	75°	76°	77°	78°	79°	Lat.
0	5944.2	6123.9	6312.9	6512.4	6723.6	6948.1	7187.7	7444.7	7722.0	8023.1	0
1	47.2	27.0	16.1	15.8	27.2	51.9	91.8	49.2	26.8	28.3	1
2	50.1	30.0	19.4	19.2	30.8	55.8	7196.0	53.6	31.6	33.6	2
3	53.0	33.1	22.6	22.6	34.5	59.7	7200.1	58.1	36.5	38.8	3
4	56.0	36.2	25.9	26.1	38.1	63.5	04.3	62.6	41.3	44.1	4
5	5958.9	6139.3	6329.1	6529.5	6741.8	6967.4	7208.4	7467.0	7746.0	8049.4	5
6	61.8	42.4	32.4	32.9	45.4	71.3	12.6	71.5	51.0	54.6	6
7	64.8	45.4	35.6	36.4	49.0	75.2	16.7	76.0	55.8	59.9	7
8	67.7	48.5	38.9	39.8	52.7	79.1	20.9	80.5	60.7	65.2	8
9	70.6	51.6	42.1	43.3	56.4	83.0	25.1	85.0	65.6	70.5	9
10	5973.6	6154.7	6345.4	6546.7	6760.0	6986.9	7229.3	7489.5	7770.4	8075.9	10
11	76.5	57.8	48.7	50.2	63.7	90.8	33.4	94.0	75.3	81.2	11
12	79.5	60.9	51.9	53.6	67.4	94.7	37.6	7498.5	80.2	86.5	12
13	82.4	64.0	55.2	57.1	71.0	6998.6	41.8	7503.0	85.1	91.9	13
14	85.4	67.1	58.5	60.5	74.7	7002.5	46.0	07.5	90.0	8097.2	14
15	5988.3	6170.2	6361.7	6564.0	6778.4	7006.5	7250.2	7512.0	7794.9	8102.6	15
16	91.3	73.3	65.0	67.5	82.1	10.4	54.4	16.6	7799.8	07.9	16
17	94.3	76.5	68.3	71.0	85.8	14.3	58.6	21.1	7804.7	13.3	17
18	5997.2	79.6	71.6	74.4	89.4	18.3	62.9	25.6	09.6	18.7	18
19	6000.2	82.7	74.9	77.9	93.1	22.2	67.1	30.2	14.6	24.1	19
20	6003.2	6185.8	6378.2	6581.4	6796.8	7026.2	7271.3	7534.8	7819.5	8129.5	20
21	06.1	88.9	81.5	84.9	6800.5	30.1	75.5	39.3	24.5	34.9	21
22	09.1	92.1	84.8	88.4	04.3	34.1	79.8	43.9	29.4	40.3	22
23	12.1	95.2	88.1	91.9	08.0	38.0	84.0	48.5	34.4	45.7	23
24	15.0	6198.3	91.4	95.4	11.7	42.0	88.3	53.0	39.3	51.1	24
25	6018.0	6201.5	6394.7	6598.9	6815.4	7045.9	7292.5	7557.6	7844.3	8156.6	25
26	21.0	04.6	6398.0	6602.4	19.1	49.9	7296.8	62.2	49.3	62.0	26
27	24.0	07.7	6401.3	05.9	22.8	53.9	7301.1	66.8	54.3	67.5	27
28	27.0	10.9	04.6	09.4	26.6	57.9	05.3	71.4	59.3	72.9	28
29	30.0	14.0	07.9	12.9	30.3	61.9	09.6	76.0	64.3	78.4	29
30	6033.0	6217.2	6411.3	6616.4	6834.1	7065.9	7313.9	7580.6	7869.3	8183.9	30
31	36.0	20.3	14.6	19.9	37.8	69.8	18.2	85.3	74.3	89.4	31
32	39.0	23.5	17.9	23.5	41.5	73.8	22.4	89.9	79.3	8194.9	32
33	42.0	26.6	21.2	27.0	45.3	77.9	26.7	94.5	84.4	8200.4	33
34	45.0	29.8	24.6	30.5	49.0	81.9	31.0	7599.2	89.4	05.9	34
35	6048.0	6233.0	6427.9	6634.1	6852.8	7085.9	7335.4	7603.8	7894.5	8211.4	35
36	51.0	36.1	31.3	37.6	56.6	89.9	39.7	08.5	7899.5	17.0	36
37	54.0	39.3	34.6	41.1	60.3	93.9	44.0	13.1	7904.6	22.5	37
38	57.0	42.5	37.9	44.7	64.1	7097.9	48.3	17.8	09.7	28.1	38
39	60.0	45.6	41.3	48.2	67.9	7102.0	52.6	22.5	14.7	33.6	39
40	6063.0	6248.8	6444.6	6651.8	6871.7	7106.0	7357.0	7627.1	7919.8	8239.2	40
41	66.0	52.0	48.0	55.3	75.4	10.0	61.3	31.8	24.9	44.8	41
42	69.1	55.2	51.4	58.9	79.2	14.1	65.6	36.5	30.0	50.4	42
43	72.1	58.3	54.7	62.5	83.0	18.1	70.				

Tavola 4
Latitudine crescente

Lat.	80°	81°	82°	83°	84°	85°	86°	87°	88°	89°	Lat.
0	8352.5	8716.3	9122.6	9582.9	10113.9	10741.6	11509.5	12499.1	13893.4	16276.5	0
1	58.2	22.7	29.8	91.1	123.5	753.1	523.9	518.2	922.2	334.3	1
2	64.0	29.1	37.0	9599.4	133.1	764.7	538.3	537.5	951.2	393.0	2
3	69.8	35.5	44.2	9607.6	142.8	776.2	552.8	556.9	13980.4	452.8	3
4	75.6	41.9	51.5	15.9	152.4	787.8	567.3	576.4	14009.9	513.7	4
5	8381.4	8748.4	9158.7	9624.2	10162.1	10799.5	11581.9	12596.0	14039.7	16575.6	5
6	87.2	54.8	66.0	32.5	171.8	811.2	596.6	615.7	069.7	638.7	6
7	93.0	61.3	73.3	40.8	181.6	822.9	611.3	635.5	100.0	703.0	7
8	8398.9	877.8	80.6	49.2	191.3	834.7	626.1	655.4	130.6	768.5	8
9	8404.7	74.3	87.9	57.6	201.1	846.5	641.0	675.5	161.4	835.2	9
10	8410.5	8780.8	9195.2	9666.0	10211.0	10858.3	11655.9	12695.7	14192.6	16903.3	10
11	16.4	87.3	9202.6	74.4	220.8	870.2	670.9	715.9	224.0	16972.8	11
12	22.3	8793.8	09.9	82.8	230.7	882.1	686.0	736.4	255.6	17043.6	12
13	28.1	8800.4	17.3	91.3	240.6	894.1	701.1	756.9	287.6	116.0	13
14	34.0	06.9	24.7	9699.7	250.5	906.1	716.3	777.5	319.9	189.9	14
15	8439.9	8813.5	9232.1	9708.2	10260.5	10918.2	11731.5	12798.3	14352.5	17265.5	15
16	45.8	20.1	39.5	16.8	270.5	930.3	746.9	819.2	385.4	342.8	16
17	51.8	26.7	47.0	25.3	280.5	942.4	762.3	840.3	418.6	421.8	17
18	57.7	33.3	54.4	33.9	290.6	954.6	777.7	861.4	452.2	502.7	18
19	63.6	39.9	61.9	42.4	300.7	966.8	793.2	882.7	486.0	585.5	19
20	8469.6	8846.5	9269.4	9751.0	10310.8	10979.1	11808.8	12904.1	14520.3	17670.4	20
21	75.5	53.2	76.9	59.7	320.9	10991.4	824.5	925.7	554.8	757.5	21
22	81.5	59.8	84.4	68.3	331.1	11003.8	840.3	947.4	589.7	846.8	22
23	87.5	66.5	91.9	77.0	341.3	016.2	856.1	969.2	625.0	17938.4	23
24	93.5	73.2	9299.5	85.7	351.5	028.6	872.0	12991.2	660.6	18032.6	24
25	8499.5	8879.9	9307.0	9794.4	10361.8	11041.1	11887.9	13013.3	14696.6	18129.5	25
26	8505.5	86.6	14.6	9803.1	372.1	053.6	904.0	035.6	733.0	229.1	26
27	11.5	8893.3	22.2	11.9	382.4	066.2	920.1	058.0	769.8	331.8	27
28	17.5	8900.0	29.8	20.6	392.7	078.8	936.3	080.5	806.9	437.6	28
29	23.6	06.8	37.5	29.4	403.1	091.5	952.5	103.2	844.5	546.7	29
30	8529.6	8913.5	9345.1	9838.3	10413.6	11104.2	11968.9	13126.1	14882.5	18659.4	30
31	35.7	20.3	52.8	47.1	424.0	117.0	11985.3	149.1	920.9	776.0	31
32	41.8	27.1	60.5	56.0	434.5	129.8	12001.8	172.2	959.8	18896.6	32
33	47.9	33.9	68.2	64.9	445.0	142.7	018.4	195.6	14999.1	19021.6	33
34	54.0	40.7	75.9	73.8	455.5	155.6	035.0	219.0	15038.8	151.4	34
35	8560.1	8947.5	9383.7	9882.7	10466.1	11168.6	12051.8	13242.7	15079.0	19286.2	35
36	66.2	54.3	91.4	9891.7	476.7	181.6	068.6	266.5	119.7	426.5	36
37	72.3	61.2	9399.2	9900.6	487.4	194.6	085.5	290.4	160.9	572.9	37
38	78.4	68.1	9407.0	09.7	498.0	207.7	102.5	314.6	202.6	725.7	38
39	84.6	74.9	14.8	18.7	508.7	220.9	119.5	338.9	244.7	19885.6	39
40	8590.7	8981.8	9422.6	9927.7	10519.5	11234.1	12136.7	13363.3	15287.5	20053.3	40
41	8596.9	88.7	30.4	36.8	530.3	247.4	153.9	388.0	330.7	229.7	41
42	8603.1	8995.7	38.3	45.9	541.1	260.7	171.3	412.8	374.5	415.5	42
43	09.3	9002.6	46.2	55.0	551.9	274.0	188.7	437.8	418.9	612.0	43
44	15.5	09.5	54.1	64.2	562.8	287.5	206.2	463.0	463.8	20820.4	44
45	8621.7	9016.5	9462.0	9973.4	10573.7	11300.9	12223.8	13488.4	15509.3	21042.3	45
46	27.9	23.5	69.9	82.6	584.6	314.4	241.5	513.9	555.5	279.5	46
47	34.2	30.5	77.9	9991.8	595.6	328.0	259.2	539.7	602.3	534.2	47
48	40.4	37.5	85.8	10001.0	606.6	341.6	277.1	565.7	649.7	21809.4	48
49	46.7	44.5	9493.8	010.3	617.7	355.3	295.1	591.8	697.8	22108.5	49
50	8652.9	9051.5	9501.8	10019.6	10628.8	11369.1	12313.1	13618.2	15746.5	22436.2	50
51	59.2	58.6	09.9	028.9	639.9	382.8	331.3	644.7	796.0	22798.4	51
52	65.5	65.6	17.9	038.3	651.1	396.7	349.5	671.5	846.2	23203.3	52
53	71.8	72.7	26.0	047.6	662.3	410.6	367.9	698.4	897.1	23662.4	53
54	78.1	79.8	34.0	057.0	673.5	424.6	386.3	725.6	15948.8	24192.3	54
55	8684.5	9086.9	9542.1	10066.4	10684.8	11438.6	12404.8	13753.0	16001.3	24819.1	55
56	90.8	9094.0	50.3	075.9	696.1	452.6	423.5	780.6	054.6	25586.2	56
57	8697.2	9101.1	58.4	085.4	707.4	466.8	442.2	808.5	108.8	26575.1	57
58	8703.5	08.3	66.6	094.9	718.8	481.0	461.1	836.5	163.8	27969.8	58
59	09.9	15.4	74.7	10104.4	730.2	495.2	480.0	864.8	219.7	30351.6	59
60	8716.3	9122.6	9582.9	10113.9	10741.6	11509.5	12499.1	13893.4	16276.5	---	60
Lat.	80°	81°	82°	83°	84°	85°	86°	87°	88°	89°	Lat.