

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.13	LOG. C dif. 1'' = +0.70	LOG. D dif. 1'' = +0.06	LOG. E dif. 1'' = +0.04
18°35'	8.5095772	8.5122280	0.93297	2.1727	5.7390
36	69	72	338	30	92
37	66	64	379	33	94
38	63	56	421	36	96
39	61	48	463	40	98
40	8.5095759	8.5122241	0.93505	2.1744	5.7400
41	56	33	546	47	02
42	53	26	587	50	04
43	51	19	628	53	06
44	49	12	670	56	08
45	8.5095747	8.5122205	0.93712	2.1760	5.7411
46	44	196	753	63	13
47	41	87	794	66	15
48	38	79	835	69	17
49	35	71	877	73	19
50	8.5095733	8.5122163	0.93919	2.1777	5.7422
51	30	55	3960	80	24
52	27	47	4001	83	26
53	24	39	042	86	28
54	22	31	083	89	30
			0.94125		
55	8.5095720	8.5122124		2.1793	5.7432
56	17	16	166	96	34
57	14	08	207	99	36
58	11	100	248	802	38
59	09	092	289	05	40
60	8.5095707	8.5122085	0.94330	2.1809	5.7443

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.13	LOG. C dif. 1'' = +0.67	LOG. D dif. 1'' = +0.05	LOG. E dif. 1'' = +0.04
19°00'	8.5095707	8.5122085	0.94330	2.1809	5.7443
01	704	77	370	12	45
02	701	69	411	15	47
03	698	61	452	18	49
04	696	53	493	22	51
05	8.5095694	8.5122046	0.94534	2.1826	5.7454
06	91	38	574	29	56
07	88	30	614	32	58
08	85	22	655	35	60
09	83	14	696	38	62
10	8.5095681	8.5122007	0.94737	2.1842	5.7465
11	78	1999	777	45	67
12	75	91	817	48	69
13	72	83	858	51	71
14	70	75	899	54	73
15	8.5095668	8.5121968	0.94940	2.1858	5.7475
16	65	59	4980	61	77
17	62	50	5020	64	79
18	59	42	060	67	81
19	56	34	101	70	83
20	8.5095654	8.5121926	0.95142	2.1874	5.7486
21	51	18	182	77	88
22	48	10	222	80	90
23	45	902	262	83	92
24	43	894	303	86	94
25	8.5095641	8.5121887	0.95344	2.1889	5.7497
26	38	79	384	92	499
27	35	71	424	95	501
28	32	63	464	98	03
29	30	55	504	901	05
30	8.5095628	8.5121848	0.95544	2.1905	5.7508
31	25	39	584	08	10
32	22	30	624	11	12
33	19	22	664	14	14
34	16	14	704	17	16

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.13	LOG. C dif. 1'' = +0.67	LOG. D dif. 1'' = +0.05	LOG. E dif. 1'' = +0.04
19°35'	8.5095614	8.5121806	0.95744	2.1921	5.7519
36	11	798	783	24	21
37	08	90	823	27	23
38	05	82	863	30	25
39	03	74	903	33	27
40	8.5095601	8.5221767	0.95943	2.1936	5.7530
41	598	58	5982	39	32
42	95	49	6022	42	34
43	92	41	062	45	36
44	89	33	102	48	38
45	8.5095587	8.5121725	0.96142	2.1952	5.7541
46	84	716	181	55	43
47	81	707	220	58	45
48	78	699	259	61	47
49	75	691	299	64	49
50	8.5095573	8.5121683	0.96339	2.1967	5.7552
51	70	74	378	70	54
52	67	65	417	73	56
53	64	57	456	76	58
54	61	49	496	79	60
55	8.5095559	8.5121641	0.96536	2.1982	5.7563
56	56	33	575	85	65
57	53	25	614	88	67
58	50	17	653	91	69
59	48	09	693	94	71
60	8.5095546	8.5121602	0.96733	2.1997	5.7574

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.13	LOG. C dif. 1'' = +0.64	LOG. D dif. 1'' = +0.05	LOG. E dif. 1'' = +0.04
20°00'	8.5095546	8.5121602	0.96733	2.1997	5.7574
01	43	593	772	2000	76
02	40	84	811	03	78
03	37	76	850	06	80
04	34	68	889	09	83
05	8.5095532	8.5121560	0.96928	2.2012	5.7586
06	29	51	6967	15	88
07	26	42	7006	18	90
08	23	34	045	21	92
09	20	26	084	24	94
10	8.5095518	8.5121518	0.97123	2.2027	5.7597
11	15	509	161	30	599
12	12	500	200	33	601
13	09	492	239	36	03
14	06	484	278	39	05
15	8.5095504	8.5121476	0.97317	2.2042	5.7608
16	501	67	355	45	10
17	498	58	394	48	12
18	95	50	433	51	14
19	92	42	472	54	16
20	8.5095490	8.5121434	0.97511	2.2057	5.7619
21	87	25	549	60	21
22	84	16	587	63	23
23	81	08	626	66	25
24	78	400	665	69	27
25	8.5095476	8.5121392	0.97704	2.2072	5.7630
26	73	84	742	74	32
27	70	76	780	77	34
28	67	68	818	80	36
29	65	60	857	83	39
30	8.5095463	8.5121353	0.97896	2.2086	5.7642
31	60	44	934	89	44
32	57	35	972	92	46
33	54	26	8010	95	48
34	52	18	8049	098	50

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.13	LOG. C dif. 1'' = +0.64	LOG. D dif. 1'' = +0.05	LOG. E dif. 1'' = +0.04
20°35'	8.5095450	8.5121310	0.98088	2.2101	5.7553
36	46	301	126	03	55
37	43	392	164	06	57
38	40	83	202	09	59
39	37	74	240	12	62
40	8.5095434	8.5121266	0.98279	2.2115	5.7665
41	31	57	317	18	67
42	28	48	355	21	69
43	25	40	393	24	71
44	22	32	431	27	73
45	8.5095420	8.5121224	0.98470	2.2130	5.7676
46	17	215	507	32	78
47	14	206	545	35	80
48	11	198	583	38	82
49	08	190	621	41	85
50	8.5095406	8.5121182	0.98659	2.2144	5.7688
51	403	73	696	46	90
52	400	64	734	49	92
53	397	55	772	52	94
54	94	46	810	55	96
55	8.5095391	8.5121137	0.98848	2.2158	5.7699
56	88	28	885	60	701
57	85	19	923	63	03
58	82	11	961	66	05
59	79	103	8999	69	08
60	8.5095377	8.5121095	0.99037	2.2172	5.7711

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.15	LOG. C dif. 1'' = +0.61	LOG. D dif. 1'' = +0.04	LOG. E dif. 1'' = +0.04
21°00'	8.5095377	8.5121095	0.99037	2.2172	5.7711
01	74	86	074	74	13
02	71	77	111	77	15
03	68	69	149	80	17
04	65	61	187	83	19
05	8.5095363	8.5121053	0.99225	2.2186	5.7722
06	60	44	262	88	24
07	57	35	299	91	26
08	54	27	336	94	28
09	51	19	374	197	31
10	8.5095349	8.5121011	0.99412	2.2200	5.7734
11	46	1002	449	02	36
12	43	0993	486	05	38
13	40	84	523	08	40
14	37	75	561	11	42
15	8.5095334	8.5120966	0.99599	2.2214	5.7745
16	31	57	636	16	47
17	28	48	673	19	49
18	25	40	710	22	51
19	22	32	747	25	54
20	8.5095320	8.5120924	0.99785	2.2228	5.7757
21	17	915	822	30	59
22	14	906	859	32	61
23	11	897	896	35	63
24	08	888	933	38	66
25	8.5095305	8.5120879	0.99971	2.2241	5.7769
26	302	70	1.00008	43	71
27	299	61	045	46	73
28	96	53	082	49	75
29	93	45	119	52	77
30	8.5095291	8.5120837	1.00156	2.2255	5.7780
31	88	28	192	57	82
32	85	19	229	60	84
33	82	10	266	63	86
34	79	801	303	66	89

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.15	LOG. C dif. 1'' = +0.61	LOG. D dif. 1'' = +0.04	LOG. E dif. 1'' = +0.04
21°35'	8.5095276	8.5120792	1.00340	2.2269	5.7792
36	73	83	376	71	94
37	70	74	413	73	96
38	67	66	450	76	797
39	64	58	487	79	801
40	8.5095262	8.5120750	1.00524	2.2282	5.7804
41	59	41	560	84	06
42	56	32	596	87	08
43	53	23	633	90	10
44	50	14	670	93	13
45	8.5095247	8.5120705	1.00707	2.2296	5.7816
46	44	696	743	298	18
47	41	87	779	300	20
48	38	78	816	03	22
49	35	69	853	06	25
50	8.5095232	8.5120660	1.00890	2.2309	5.7828
51	29	51	926	11	30
52	26	42	962	13	32
53	23	33	0998	16	34
54	20	24	1035	19	36
55	8.5095217	8.5120615	1.01072	2.2322	5.7839
56	14	606	108	24	41
57	11	597	144	26	43
58	08	88	180	29	45
59	05	79	216	32	48
60	8.5095202	8.5120570	1.01253	2.2335	5.7851

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.15	LOG. C dif. 1'' = +0.61	LOG. D dif. 1'' = +0.04	LOG. E dif. 1'' = +0.04
22°00'	8.5095202	8.5120570	1.01253	2.2335	5.7851
01	199	61	289	37	53
02	96	52	325	39	55
03	93	43	361	42	57
04	90	34	397	45	60
05	8.5095187	8.5120525	1.01434	2.2348	5.7863
06	84	16	470	50	65
07	81	507	506	52	67
08	78	498	542	55	69
09	75	89	578	58	72
10	8.5095172	8.5120480	1.01615	2.2361	5.7875
11	69	71	651	63	77
12	66	62	687	65	79
13	63	53	723	68	81
14	60	44	759	71	84
15	8.5095157	8.5120435	1.01795	2.2374	5.7887
16	54	26	830	76	89
17	51	17	866	78	91
18	48	408	902	81	93
19	45	399	938	84	96
20	8.5095142	8.5120390	1.01974	2.2387	5.7899
21	39	81	2009	89	901
22	36	72	045	91	03
23	33	63	081	93	05
24	30	54	117	96	08
25	8.5095127	8.5120345	1.02153	2.2399	5.7911
26	24	36	188	401	13
27	21	27	223	04	15
28	18	18	259	07	18
29	15	09	295	10	21
30	8.5095112	8.5120300	1.02331	2.2413	5.7924
31	09	291	366	15	26
32	06	82	401	17	28
33	03	73	437	19	30
34	100	64	473	22	33

LATITUD	LOG. A dif. 1" = -0.05	LOG. B dif. 1" = -0.15	LOG. C dif. 1" = +0.61	LOG. D dif. 1" = +0.04	LOG. E dif. 1" = +0.04
22°35'	8.5095097	8.5120255	1.02509	2.2425	5.7936
36	94	46	544	27	38
37	91	37	579	29	40
38	88	28	614	32	42
39	85	19	651	35	45
40	8.5095082	8.5120210	1.02686	2.2438	5.7948
41	79	201	721	40	50
42	76	192	756	42	52
43	73	83	791	44	54
44	70	74	827	47	57
45	8.5095067	8.5120165	1.02863	2.2450	5.7960
46	63	55	898	52	62
47	60	45	933	54	64
48	57	35	2968	57	66
49	54	26	3003	60	69
50	8.5095051	8.5120117	1.03039	2.2463	5.7972
51	48	108	074	65	74
52	45	100	109	67	76
53	42	90	144	69	78
54	39	81	179	72	81
55	8.5095036	8.5120072	1.03215	2.2475	5.7984
56	33	63	250	77	86
57	30	54	285	79	88
58	27	45	320	81	91
59	24	36	355	84	94
60	8.5095021	8.5120026	1.03390	2.2487	5.7997

LATITUD	LOG. A dif. 1" = -0.05	LOG. B dif. 1" = -0.16	LOG. C dif. 1" = +0.57	LOG. D dif. 1" = +0.04	LOG. E dif. 1" = +0.04
23°00'	8.5095021	8.5120026	1.03390	2.2487	5.7997
01	17	17	425	90	99
02	14	08	460	92	8002
03	11	19998	495	95	04
04	08	89	530	97	07
05	8.5095005	8.5119980	1.03565	2.2497	5.8009
06	02	71	600	02	12
07	4999	61	634	03	14
08	96	52	669	07	16
09	93	43	704	09	19
10	8.5094990	8.5119934	1.03739	2.2512	5.8021
11	87	24	774	14	24
12	83	15	809	14	26
13	80	06	843	19	29
14	77	896	878	21	31
15	8.5094974	8.5119887	1.03913	2.2524	5.8034
16	71	78	947	26	36
17	68	68	982	26	39
18	65	59	4017	31	41
19	62	50	052	31	44
20	8.5094959	8.5119840	1.04086	2.2536	5.8046
21	55	31	121	38	49
22	52	22	155	38	51
23	49	12	190	43	54
24	46	03	224	45	56
25	8.5094943	8.5119794	1.04259	2.2545	5.8059
26	40	84	293	50	61
27	37	75	328	50	64
28	34	66	362	55	66
29	31	56	397	57	69
30	8.5094927	8.5119747	1.04431	2.2557	5.8071
31	24	37	466	62	74
32	21	28	500	64	76
33	18	19	534	67	79
34	15	09	569	69	81

LATTITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.16	LOG. C dif. 1'' = +0.57	LOG. D dif. 1'' = +0.04	LOG. E dif. 1'' = +0.04
23°35'	8.5094912	8.5119700	1.04603	2.2571	5.8084
36	09	9690	637	71	86
37	05	81	672	76	89
38	02	71	706	76	91
39	4899	62	740	78	93
40	8.5094896	8.5119653	1.04775	2.2583	5.8096
41	93	43	809	83	99
42	90	34	843	85	101
43	87	24	877	90	04
44	83	15	911	90	06
45	8.5094880	8.5119605	1.04945	2.2592	5.8009
46	77	596	980	97	11
47	74	86	5014	97	14
48	71	77	048	599	16
49	68	67	082	601	19
50	8.5094865	8.5119558	1.05116	2.2606	5.8121
51	61	48	150	08	24
52	58	39	184	11	26
53	55	29	218	13	19
54	52	20	252	13	31
55	8.5094849	8.5119510	1.05286	2.2618	5.8134
56	45	01	320	20	36
57	42	491	354	20	39
58	39	82	388	25	41
59	36	72	422	27	44
60	8.5094833	8.5119463	1.05456	2.2629	5.8146

LATTITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.16	LOG. C dif. 1'' = +0.56	LOG. D dif. 1'' = +0.04	LOG. E dif. 1'' = +0.04
24°00'	8.5094833	8.5119463	1.05456	2.2629	5.8146
01	30	53	490	29	49
02	26	44	523	31	51
03	23	34	557	36	54
04	20	24	591	36	57
05	8.5094817	8.5119415	1.05625	2.2638	5.8159
06	14	05	658	43	62
07	10	396	692	45	64
08	07	86	726	45	67
09	04	77	760	47	69
10	8.5094801	8.5119367	1.05794	2.2652	5.8172
11	798	58	827	54	74
12	94	48	861	54	77
13	91	38	894	56	79
14	88	29	928	61	82
15	8.5094785	8.5119319	1.05962	2.2663	5.8185
16	82	09	995	63	87
17	78	00	6029	65	90
18	75	290	062	70	92
19	72	81	096	72	95
20	8.5094769	8.5119271	1.06130	2.2672	5.8197
21	66	61	163	74	200
22	62	52	197	79	02
23	59	42	230	81	05
24	56	32	263	81	07
25	8.5094753	8.5119223	1.06297	2.2683	5.8210
26	50	13	330	85	13
27	46	03	364	90	15
28	43	194	397	92	18
29	40	84	431	92	20
30	8.5094737	8.5119174	1.06464	2.2694	5.8223
31	33	65	497	96	25
32	30	55	530	701	28
33	27	45	564	03	31
34	24	35	597	03	33

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.16	LOG. C dif. 1'' = +0.56	LOG. D dif. 1'' = +0.04	LOG. E dif. 1'' = +0.04
24°35'	8.5094720	8.5119126	1.06630	2.2705	5.8236
36	17	16	664	07	38
37	14	06	697	12	41
38	11	096	730	14	43
39	07	87	763	14	46
40	8.5094704	8.5119077	1.06797	2.2716	5.8249
41	01	67	830	18	51
42	698	58	863	20	54
43	94	48	896	25	56
44	91	38	929	27	59
45	8.5094688	8.5119028	1.06962	2.2727	5.8261
46	85	18	995	29	64
47	81	09	7028	31	67
48	78	8999	061	33	69
49	75	89	095	38	72
50	8.5094672	8.5118979	1.07128	2.2740	5.8274
51	68	70	161	40	77
52	65	60	194	42	80
53	62	50	226	44	82
54	59	40	259	46	85
55	8.5094655	8.5118930	1.07292	2.2751	5.8287
56	52	21	325	53	90
57	49	11	358	55	92
58	45	01	391	55	95
59	42	8891	424	57	98
60	8.5094639	8.5118881	1.07457	2.2759	5.8300

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.16	LOG. C dif. 1'' = +0.56	LOG. D dif. 1'' = +0.04	LOG. E dif. 1'' = +0.04
25°00'	8.5094639	8.5118881	1.07457	2.2759	5.8300
01	36	71	490	61	03
02	32	62	523	63	05
03	29	52	555	68	08
04	26	42	588	70	11
05	8.5094623	8.5118832	1.07621	2.2772	5.8313
06	19	22	654	72	16
07	16	12	687	74	18
08	13	02	719	76	21
09	09	8793	752	78	24
10	8.5094606	8.5118783	1.07785	2.2780	5.8326
11	03	73	817	82	29
12	00	63	850	87	32
13	596	53	883	89	34
14	93	43	915	91	37
15	8.5094590	8.5118733	1.07948	2.2793	5.8339
16	86	23	981	93	42
17	83	13	8013	95	45
18	80	04	046	797	47
19	76	694	078	799	50
20	8.5094573	8.5118684	1.08111	2.2801	5.8352
21	70	74	144	03	55
22	66	64	176	05	59
23	63	54	208	07	60
24	60	44	241	12	63
25	8.5094556	8.5118634	1.08273	2.2814	5.8366
26	53	24	306	16	68
27	50	14	338	18	71
28	46	04	370	20	73
29	43	594	403	20	76
30	8.5094540	8.5118584	1.08435	2.2822	5.8379
31	37	74	468	24	81
32	33	64	500	26	84
33	30	54	532	28	87
34	26	44	565	30	89

LATITUD	LOG. A dif. 1'' = -0.05	LOG. B dif. 1'' = -0.16	LOG. C dif. 1'' = +0.56	LOG. D dif. 1'' = +0.04	LOG. E dif. 1'' = +0.04
25°35'	8.5094523	8.5118534	1.08597	2.2832	5.8392
36	20	26	629	34	94
37	17	14	662	36	97
38	13	04	694	38	400
39	10	494	726	40	02
40	8.5094507	8.5118484	1.08758	2.2842	5.8405
41	03	74	791	44	08
42	00	65	823	46	10
43	496	54	855	48	13
44	93	44	887	50	16
45	8.5094490	8.5118434	1.08919	2.2852	5.8418
46	86	24	951	54	21
47	83	14	984	56	24
48	80	04	9016	58	26
49	76	393	048	60	29
50	8.5094473	8.5118383	1.09080	2.2862	5.8431
51	70	73	112	64	34
52	66	63	144	66	37
53	63	53	176	68	39
54	60	43	208	70	42
55	8.5094456	8.5118333	1.09240	2.2872	5.8445
56	53	23	272	74	47
57	50	13	304	76	50
58	46	03	336	78	53
59	43	293	368	80	55
60	8.5094439	8.5118283	1.09400	2.2882	5.8458

LATITUD	LOG. A dif. 1'' = -0.06	LOG. B dif. 1'' = -0.17	LOG. C dif. 1'' = +0.52	LOG. D dif. 1'' = +0.03	LOG. E dif. 1'' = +0.04
26°00'	8.5094439	8.5118283	1.09400	2.2885	5.8458
01	36	72	432	87	61
02	33	62	464	89	63
03	29	52	496	91	66
04	26	42	527	93	69
05	8.5094422	8.5118232	1.09559	2.2895	5.8471
06	19	22	591	97	74
07	16	12	623	99	77
08	12	01	655	901	79
09	09	191	687	03	82
10	8.5094406	8.5118181	1.09718	2.2905	5.8485
11	02	71	750	07	88
12	399	61	782	09	90
13	95	51	814	11	93
14	92	40	845	13	96
15	8.5094388	8.5118130	1.09877	2.2915	5.8498
16	85	20	909	17	501
17	82	10	940	19	04
18	78	00	972	20	06
19	75	089	10004	22	09
20	8.5094372	8.5118079	1.10036	2.2924	5.8512
21	68	69	067	26	14
22	65	59	099	28	17
23	61	48	130	30	20
24	58	38	162	32	22
25	8.5094354	8.5118028	1.10194	2.2934	5.8525
26	51	18	225	36	28
27	48	08	257	38	30
28	44	7997	288	40	33
29	41	87	320	42	36
30	8.5094337	8.5117977	1.10351	2.2944	5.8539
31	34	67	383	46	41
32	31	56	414	47	44
33	27	46	446	49	47
34	24	36	477	51	49