9. FACTOR DE CORRECCIÓN *k* PARA SUPERFICIES INCLINADAS

Tabla 9. Factor de corrección *k* para superficies inclinadas. Representa el cociente entre energía incidente en un día sobre una superficie orientada hacia el Ecuador e inclinada un determinado ángulo, y otra horizontal.

Latitud = 0°

Incl	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.02	1.01	1	.98	.97	.96	.97	.98	1	1.01	1.02	1.02
10	1.03	1.01	.99	.96	.93	.92	.93	.95	.99	1.02	1.04	1.04
15	1.04	1.01	.97	.92	.88	.87	.88	.92	.97	1.02	1.05	1.05
20	1.04	1	.95	.88	.83	.81	.83	.88.	.95	1.01	1.05	1.06
25	1.03	.99	.92	.84	.77	.75	.77	.83	.92	.99	1.04	1.06
30	1.02	.97	.88	.79	.71	.68	.7	.78	.88	.97	1.03	1.05
35	1	.94	.84	.74	.64	.61	.64	.72	.84	.94	1.02	1.03
40	.98	.9	.8	.68	.57	.53	.56	.66	.79	.91	.99	1.01
45	.95	.87	.75	.61	.5	.45	.49	.59	.73	.87	.96	.98
50	.91	.82	.69	.54	.42	.37	.41	.52	.68	.82	.92	.95
55	.87	.77	.63	.47	.34	.28	.33	.45	.61	.77	.88	.91
60	.82	.72	.57	.4	.26	.2	.24	.37	.55	.71	.83	.86
65	.77	.66	.5	.32	.18	.13	.16	.3	.48	.65	.77	.81
70	.71	.6	.43	.25	.13	.12	.11	.22	.4	.59	.72	.75
75	.65	.53	.36	.17	.12	.11	.11	.13	.33	.52	.65	.69
80	.58	.47	.29	.13	.12	.1	.1	.1	.25	.45	.58	.63
85	.52	.4	.21	.12	.11	.1	.09	.09	.17	.37	.51	.56
90	.45	.32	.14	.11	.1	.09	.08	.08	.09	.29	.44	.49

Latitud = 1°

Incl	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.02	1.01	1	.98	.97	.96	.97	.98	1	1.01	1.02	1.03
10	1.03	1.02	.99	.96	.93	.92	.93	.96	.99	1.02	1.04	1.04
15	1.04	1.01	.97	.93	.89	.87	.88	.92	.97	1.02	1.05	1.06
20	1.04	1.01	.95	.89	.84	.81	.83	.88.	.95	1.01	1.05	1.06
25	1.04	.99	.92	.85	.78	.75	.77	.84	.92	1	1.05	1.06
30	1.03	.97	.89	.8	.72	.69	.71	.79	.89	.98	1.04	1.05
35	1.01	.95	.85	.74	.65	.62	.65	.73	.84	.95	1.02	1.04
40	.98	.91	.81	.69	.58	.54	.57	.67	.8	.92	1	1.02
45	.95	.87	.76	.62	.51	.46	.5	.61	.74	.88	.97	.99
50	.92	.83	.7	.56	.43	.38	.42	.54	.69	.83	.93	.96
55	.88	.78	.64	.49	.35	.3	.34	.46	.63	.78	.89	.92
60	.83	.73	.58	.41	.27	.21	.26	.39	.56	.73	.84	.87
65	.78	.67	.51	.34	.19	.13	.17	.31	.49	.66	.79	.82
70	.72	.61	.45	.26	.13	.12	.11	.23	.42	.6	.73	.77
75	.66	.55	.37	.18	.12	.11	.11	.15	.34	.53	.67	.71
80	.6	.48	.3	.13	.11	.1	.1	.1	.26	.46	.6	.64
85	.53	.41	.23	.12	.11	.1	.09	.09	.19	.39	.53	.58
90	.46	.34	.15	.11	.1	.09	.08	.08	.011	.31	.46	.51

Latitud = 2°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.02	1.01	1	.98	.97	.96	.97	.98	1	1.02	1.02	1.03
10	1.04	1.02	.99	.96	.93	.92	.93	.96	.99	1.02	1.04	1.05
15	1.05	1.02	.98	.93	.89	.87	.89	.93	.98	1.02	1.05	1.06
20	1.05	1.01	.96	.89	.84	.82	.84	.89.	.96	1.02	1.06	1.07
25	1.04	1	.93	.85	.79	.76	.78	.84	.93	1.01	1.06	1.07
30	1.03	.98	.9	.8	.73	.69	.72	.8	.89	.99	1.05	1.06
35	1.02	.95	.86	.75	.66	.62	.65	.74	.85	.96	1.03	1.05
40	.99	.92	.81	.69	.59	.55	.58	.68	.81	.93	1.01	1.03
45	.96	.88	.77	.63	.52	.47	.51	.62	.75	.89	.98	1
50	.93	.84	.71	.57	.45	.39	.43	.55	.7	.84	.94	.97
55	.89	.79	.65	.5	.37	.31	.35	.48	.64	.79	.9	.93
60	.84	.74	.59	.42	.29	.23	.27	.4	.57	.74	.85	.88
65	.79	.68	.53	.35	.2	.14	.19	.32	.5	.68	.8	.84
70	.73	.62	.46	.27	.13	.12	.11	.24	.43	.61	.74	.78
75	.67	.56	.39	.19	.12	.11	.11	.16	.36	.55	.68	.72

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
80	.61	.49	.31	.13	.11	.1	.1	.1	.28	.47	.61	.66
85	.54	.42	.24	.12	.11	.1	.09	.09	.2	.4	.54	.59
90	.47	.35	.16	.11	.1	.09	.08	.08	.012	.32	.47	.52

Latitud = 3°

Incl	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.02	1.01	1	.98	.97	.94	.97	.98	1	1.02	1.03	1.03
10	1.04	1.02	.99	.96	.94	.93	.93	.96	.99	1.03	1.05	1.05
15	1.05	1.02	.98	.93	.89	.88	.89	.93	.98	1.03	1.06	1.06
20	1.05	1.02	.96	.9	.85	.83	.84	.89	.96	1.02	1.06	1.07
25	1.05	1	.94	.86	.79	.77	.79	.85	.93	1.01	1.06	1.07
30	1.04	.98	.9	.81	.74	.7	.73	.8	.9	.99	1.05	1.07
35	1.02	.96	.87	.76	.67	.63	.66	.75	.86	.97	1.04	1.05
40	1	.93	.82	.7	.6	.56	.59	.69	.82	.94	1.02	1.04
45	.97	.89	.77	.64	.53	.49	.52	.63	.76	.9	.99	1.01
50	.94	.85	.72	.58	.46	.41	.44	.56	.71	.85	.95	.98
55	.9	.8	.66	.51	.38	.32	.37	.49	.65	.81	.91	.94
60	.85	.75	.6	.44	.3	.24	.28	.41	.58	.75	.87	.9
65	.8	.69	.54	.36	.22	.16	.2	.34	.52	.69	.81	.85
70	.75	.63	.47	.29	.14	.12	.12	.26	.44	.63	.76	.79
75	.69	.57	.4	.21	.12	.11	.1	.18	.37	.56	.69	.73
80	.62	.5	.33	.13	.11	.1	.1	.1	.29	.49	.63	.67
85	.56	.43	.25	.12	.11	.1	.09	.09	.22	.41	.56	.6
90	.49	.36	.18	.11	.1	.09	.08	.08	.14	.34	.49	.53

Latitud = 4°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.02	1.01	1	.99	.97	.97	.97	.98	1	1.02	1.03	1.03
10	1.04	1.02	1	.96	.94	.93	.94	.96	1	1.03	1.05	1.05
15	1.05	1.02	.98	.94	.9	.88	.9	.93	.98	1.03	1.06	1.07
20	1.06	1.02	.97	.9	.85	.83	.85	.9	.96	1.03	1.07	1.08
25	1.05	1.01	.94	.86	.8	.77	.8	.86	.94	1.02	1.07	1.08
30	1.05	.99	.91	.82	.74	.71	.74	.81	.91	1	1.06	1.07
35	1.03	.97	.87	.77	.68	.64	.67	.76	.87	.98	1.05	1.06
40	1.01	.94	.83	.71	.61	.57	.6	.7	.82	.95	1.03	1.04
45	.98	.9	.78	.65	.54	.5	.53	.64	.77	.91	1	1.02

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
50	.95	.86	.73	.59	.47	.42	.46	.57	.72	.87	.97	.99
55	.91	.81	.67	.52	.39	.34	.38	.5	.66	.82	.93	.95
60	.86	.76	.61	.45	.31	.25	.3	.43	.6	.76	.88	.91
65	.81	.71	.55	.37	.23	.17	.22	.35	.53	.7	.83	.86
70	.76	.65	.48	.3	.15	.12	.13	.27	.46	.64	.77	.81
75	.7	.58	.41	.22	.12	.11	.1	.19	.38	.57	.71	.75
80	.64	.52	.34	.14	.11	.1	.1	.11	.31	.5	.64	.69
85	.57	.45	.26	.12	.1	.09	.09	.09	.23	.43	.57	.62
90	.5	.37	.19	.11	.1	.09	.08	.08	.15	.35	.5	.55

Latitud = 5°

Incl	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.02	1.02	1	.99	.97	.97	.97	.99	1	1.02	1.03	1.03
10	1.04	1.02	1	.97	.94	.93	.94	.97	1	1.03	1.05	1.05
15	1.06	1.03	.99	.94	.9	.89	.9	.94	.99	1.04	1.07	1.07
20	1.06	1.02	.97	.91	.86	.84	.85	.9	.97	1.03	1.07	1.08
25	1.06	1.01	.95	.87	.81	.78	.8	.86	.95	1.02	1.08	1.08
30	1.05	1	.92	.83	.75	.72	.74	.82	.91	1.01	1.07	1.08
35	1.04	.97	.88	.78	.69	.65	.68	.77	.88	.98	1.06	1.07
40	1.02	.94	.84	.72	.62	.58	.61	.71	.83	.96	1.04	1.05
45	.99	.91	.79	.66	.55	.51	.54	.65	.78	.92	1.01	1.03
50	.96	.87	.74	.6	.48	.43	.47	.58	.73	.88	.98	1
55	.92	.82	.68	.53	.4	.35	.39	.51	.67	.83	.94	.96
60	.87	.77	.62	.46	.33	.27	.31	.44	.61	.78	.89	.92
65	.82	.72	.56	.39	.25	.18	.23	.36	.54	.72	.84	.87
70	.77	.66	.49	.31	.16	.12	.15	.28	.47	.66	.79	.82
75	.71	.59	.42	.23	.12	.11	.1	.21	.4	.59	.72	.76
80	.65	.53	.35	.16	.11	.1	.1	.13	.32	.52	.66	.7
85	.58	.46	.28	.12	.1	.09	.09	.09	.24	.44	.59	.63
90	.51	.39	.2	.11	.1	.09	.08	.08	.16	.37	.52	.56

Latitud = 6°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.03	1.02	1	.99	.98	.97	.97	.99	1	1.02	1.03	1.03
10	1.05	1.03	1	.97	.94	.93	.94	.97	1	1.03	1.05	1.06
15	1.06	1.03	.99	.94	.91	.89	.9	.94	.99	1.04	1.07	1.07

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
20	1.07	1.03	.97	.91	.86	.84	.86	.91	.97	1.04	1.08	1.09
25	1.06	1.02	.95	.88	.81	.79	.81	.87	.95	1.03	1.08	1.09
30	1.06	1	.92	.83	.76	.73	.75	.82	.92	1.01	1.08	1.09
35	1.04	.98	.89	.78	.7	.66	.69	.77	.89	.99	1.07	1.08
40	1.03	.95	.85	.73	.63	.59	.62	.72	.84	.96	1.05	1.06
45	1	.92	.8	.67	.56	.52	.55	.66	.79	.93	1.02	1.04
50	.97	.88	.75	.61	.49	.44	.48	.59	.74	.89	.99	1.01
55	.93	.83	.7	.54	.42	.36	.4	.52	.68	.84	.95	.98
60	.89	.78	.64	.47	.34	.28	.33	.45	.62	.79	.91	.93
65	.84	.73	.57	.4	.26	.2	.24	.38	.55	.73	.86	.89
70	.78	.67	.5	.32	.18	.12	.16	.3	.48	.67	.8	.83
75	.72	.61	.44	.25	.12	.11	.1	.22	.41	.6	.74	.78
80	.66	.54	.36	.17	.11	.1	.1	.14	.34	.53	.67	.71
85	.6	.47	.29	.12	.1	.09	.09	.09	.26	.46	.6	.65
90	.53	.4	.21	.11	.1	.09	.08	.08	.18	.38	.53	.58

Latitud = 7°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.03	1.02	1	.99	.98	.97	.99	.99	1.01	1.02	1.03	1.03
10	1.05	1.03	1	.97	.95	.94	.97	.97	1	1.04	1.06	1.06
15	1.06	1.03	.99	.95	.91	.89	.95	.95	.99	1.04	1.07	1.08
20	1.07	1.03	.98	.92	.87	.85	.91	.91	.98	1.04	1.08	1.09
25	1.07	1.02	.96	.88	.82	.79	.88	.88	.96	1.04	1.09	1.1
30	1.06	1.01	.93	.84	.77	.73	.83	.83	.93	1.02	1.08	1.1
35	1.05	.99	.9	.79	.71	.67	.78	.78	.89	1	1.07	1.09
40	1.03	.96	.86	.74	.64	.6	.73	.73	.85	.97	1.06	1.07
45	1.01	.93	.81	.68	.57	.53	.67	.67	.81	.94	1.03	1.05
50	.98	.89	.76	.62	.5	.45	.6	.6	.75	.9	1	1.02
55	.94	.84	.71	.55	.43	.38	.54	.54	.7	.85	.96	.99
60	.9	.79	.65	.48	.35	.3	.46	.46	.63	.8	.92	.95
65	.85	.74	.58	.41	.27	.21	.39	.39	.57	.75	.87	.9
70	.8	.68	.52	.34	.19	.13	.31	.31	.5	.68	.81	.85
75	.74	.62	.45	.26	.12	.11	.23	.23	.42	.62	.75	.79
80	.68	.55	.38	.18	.11	.1	.15	.15	.35	.55	.69	.73
85	.61	.48	.3	.12	.1	.09	.09	.09	.27	.47	.62	.66
90	.54	.41	.23	.11	.09	.09	.08	.08	.19	.4	.55	.59

Latitud = 8°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.03	1.02	1.01	.99	.98	.97	.98	.99	1.01	1.02	1.03	1.03
10	1.05	1.03	1	.97	.95	.94	.95	.97	1.01	1.04	1.06	1.06
15	1.07	1.04	1	.95	.91	.9	.91	.95	1	1.05	1.08	1.08
20	1.07	1.04	.98	.92	.87	.85	.87	.92	.98	1.05	1.09	1.1
25	1.08	1.03	.96	.89	.83	.8	.82	.88	.96	1.04	1.09	1.1
30	1.07	1.02	.94	.85	.77	.74	.77	.84	.94	1.03	1.09	1.1
35	1.06	1	.9	.8	.72	.68	.71	.79	.9	1.01	1.08	1.1
40	1.04	.97	.86	.75	.65	.61	.64	.74	.86	.98	1.07	1.08
45	1.02	.94	.82	.69	.59	.54	.58	.68	.82	.95	1.04	1.06
50	.99	.9	.77	.63	.51	.47	.5	.61	.76	.91	1.01	1.03
55	.95	.85	.72	.56	.44	.39	.43	.55	.71	.87	.98	1
60	.91	.81	.66	.49	.36	.31	.35	.48	.65	.82	.93	.96
65	.86	.75	.59	.42	.29	.23	.27	.4	.58	.76	.88	.91
70	.81	.69	.53	.35	.21	.14	.19	.33	.51	.7	.83	.86
75	.75	.63	.46	.27	.12	.11	.11	.25	.44	.63	.77	.81
80	.69	.57	.39	.2	.11	.1	.1	.17	.36	.56	.7	.74
85	.62	.5	.32	.12	.1	.09	.09	.09	.29	.49	.64	.68
90	.56	.43	.24	.11	.09	.09	.08	.08	.21	.41	.56	.61

Latitud = 9°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.03	1.02	1.01	.99	.98	.97	.98	.99	1.01	1.02	1.03	1.03
10	1.05	1.03	1.01	.98	.95	.94	.95	.98	1.01	1.04	1.06	1.06
15	1.07	1.04	1	.96	.92	.9	.92	.95	1	1.05	1.08	1.09
20	1.08	1.04	.99	.93	.88	.86	.88	.92	.99	1.05	1.09	1.1
25	1.08	1.03	.97	.89	.83	.81	.83	.89	.97	1.05	1.1	1.11
30	1.08	1.02	.94	.85	.78	.75	.78	.85	.94	1.04	1.1	1.11
35	1.07	1	.91	.81	.72	.69	.72	.8	.91	1.02	1.09	1.1
40	1.05	.98	.87	.76	.66	.62	.65	.75	.87	.99	1.08	1.09
45	1.03	.95	.83	.7	.6	.55	.59	.69	.83	.96	1.05	1.07
50	1	.91	.78	.64	.53	.48	.52	.63	.77	.92	1.02	1.04
55	.96	.876	.73	.57	.45	.4	.44	.546	.72	.88	.99	1.01
60	.92	.82	.67	.51	.38	.32	.36	.49	.66	.83	.95	.97
65	.87	.76	.61	.44	.3	.24	.29	.42	.59	.77	.9	.93
70	.82	.71	.54	.36	.22	.16	.2	.34	.52	.71	.84	.88

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
75	.76	.64	.47	.29	.14	.11	.12	.26	.45	.65	.78	.82
80	.7	.58	.4	.21	.11	.1	.1	.18	.38	.58	.72	.76
85	.64	.51	.33	.13	.1	.09	.09	.1	.3	.5	.65	.69
90	.57	.44	.25	.11	.09	.08	.08	.08	.22	.43	.58	.62

Latitud = 10°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.03	1.02	1.01	.99	.98	.98	.98	.99	1.01	1.03	1.04	1.04
10	1.05	1.04	1.01	.98	.95	.94	.95	.98	1.01	1.04	1.06	1.07
15	1.07	1.04	1	.96	.92	.91	.92	.96	1.01	1.05	1.09	1.09
20	1.08	1.04	.99	.94	.88	.86	.88	.93	.99	1.06	1.1	1.11
25	1.09	1.04	.97	.9	.84	.81	.83	.89	.98	1.06	1.11	1.11
30	1.08	1.03	.95	.87	.79	.76	.78	.85	.95	1.05	1.11	1.12
35	1.08	1.01	.92	.82	.73	.7	.73	.81	.92	1.03	1.1	1.11
40	1.06	.99	.88	.77	.67	.63	.66	.76	.88	1	1.09	1.1
45	1.04	.95	.84	.72	.61	.56	.6	.7	.84	.97	1.07	1.08
50	1.01	.92	.79	.66	.54	.49	.53	.64	.79	.94	1.04	1.06
55	.97	.88	.74	.6	.46	.41	.45	.57	.73	.89	1	1.02
60	.93	.83	.68	.53	.39	.34	.38	.5	.67	.84	.96	.99
65	.89	.78	.62	.46	.31	.26	.3	.43	.61	.79	.91	.94
70	.83	.72	.55	.39	.23	.17	.22	.35	.54	.73	.86	.89
75	.78	.66	.49	.31	.15	.11	.14	.28	.47	.66	.8	.84
80	.72	.59	.41	.24	.11	.1	.09	.2	.39	.59	.74	.77
85	.65	.52	.34	.16	.1	.09	.09	.12	.32	.52	.67	.71
90	.58	.45	.27	.11	.09	.08	.08	.08	.24	.44	.6	.64

Latitud = 11°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.03	1.02	1.01	.99	.98	.98	.98	.99	1.01	1.03	1.04	1.04
10	1.06	1.04	1.01	.98	.96	.95	.96	.98	1.01	1.05	1.07	1.07
15	1.08	1.05	1.01	.96	.93	.91	.92	.96	1.01	1.06	1.09	1.09
20	1.09	1.05	1	.94	.89	.87	.89	.93	1	1.06	1.11	1.11
25	1.09	1.05	.98	.9	.84	.82	.84	.9	.98	1.06	1.11	1.12
30	1.09	1.03	.95	.87	.8	.77	.79	.86	.96	1.05	1.12	1.12
35	1.08	1.02	.92	.82	.74	.71	.73	.82	.93	1.04	1.11	1.12
40	1.07	.99	.89	.77	.68	.64	.67	.77	.89	1.01	1.1	1.11

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
45	1.05	.96	.85	.72	.62	.57	.61	.71	.85	.98	1.08	1.09
50	1.02	.93	.8	.66	.55	.5	.54	.65	.8	.95	1.05	1.07
55	.98	.89	.75	.6	.48	.43	.47	.58	.74	.9	1.01	1.04
60	.94	.84	.69	.53	.4	.35	.39	.51	.68	.86	.97	1
65	.9	.79	.63	.46	.33	.27	.31	.44	.62	.8	.93	.95
70	.85	.73	.57	.39	.25	.19	.23	.37	.55	.74	.87	.91
75	.79	.67	.5	.31	.17	.11	.15	.29	.48	.68	.82	.85
80	.73	.61	.43	.24	11	.1	.09	.21	.41	.61	.75	.79
85	.67	.54	.35	.16	.1	.09	.09	.13	.33	.54	.69	.73
90	.6	.47	.28	.11	.09	.08	.08	.08	.25	.46	.61	.66

Latitud = 12°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.03	1.02	1.01	1	.98	.98	.98	1	1.01	1.03	1.04	1.04
10	1.06	1.04	1.01	.98	.96	.95	.96	.98	1.02	1.05	1.07	1.07
15	1.08	1.05	1.01	.97	.93	.92	.93	.96	1.01	1.06	1.09	1.1
20	1.09	1.05	1	.94	.89	.87	.89	.94	1	1.07	1.11	1.12
25	1.1	1.05	.98	.91	.85	.83	.85	.91	.99	1.07	1.12	1.13
30	1.1	1.04	.96	.87	.8	.77	.8	.87	.96	1.06	1.12	1.13
35	1.09	1.02	.93	.83	.75	.72	.74	.82	.94	1.05	1.12	1.13
40	1.08	1	.9	.78	.69	.65	.68	.77	.9	1.02	1.11	1.12
45	1.06	.97	.86	.73	.63	.58	.62	.72	.86	.99	1.09	1.1
50	1.03	.94	.81	.67	.56	.51	.55	.66	.81	.96	1.06	1.08
55	1	.9	.76	.61	.49	.44	.48	.6	.76	.92	1.03	1.05
60	.96	.85	.7	.54	.41	.36	.4	.53	.7	.87	.99	1.01
65	.91	.8	.64	.47	.34	.28	.33	.46	.63	.82	.94	.97
70	.86	.74	.58	.4	.26	.2	.25	.38	.57	.76	.89	.92
75	.81	.68	.51	.33	.18	.12	.17	.3	.5	.69	.83	.87
80	.74	.62	.44	.25	.11	.1	.09	.23	.42	.62	.77	.81
85	.68	.55	.37	.17	.1	.09	.09	.15	.35	.55	.7	.74
90	.61	.48	.29	.11	.09	.08	.08	.08	.27	.48	.63	.67

Latitud = 13°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.03	1.02	1.01	1	.98	.98	.98	1	1.01	1.03	1.04	1.04
10	1.06	1.04	1.02	.99	.96	.95	.96	.99	1.02	1.05	1.07	1.07

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
15	1.08	1.05	1.01	.97	.93	.92	.93	.97	1.02	1.07	1.1	1.1
20	1.1	1.06	1	.95	.9	.88	.9	.94	1.01	1.07	1.12	1.12
25	1.1	1.06	.99	.92	.86	.83	.85	.91	.99	1.08	1.13	1.13
30	1.1	1.05	.97	.88	.81	.78	.81	.88	.97	1.07	1.13	1.14
35	1.1	1.03	.94	.84	.76	.72	.75	.83	.94	1.05	1.13	1.14
40	1.09	1.01	.91	.79	.7	.66	.69	.78	.91	1.03	1.12	1.13
45	1.07	.98	.87	.74	.64	.6	.63	.73	.87	1.01	1.1	1.11
50	1.04	.95	.82	.68	.57	.53	.56	.67	.82	.97	1.07	1.09
55	1.01	.91	.77	.62	.5	.45	.49	.61	.77	.93	1.04	1.06
60	.97	.86	.71	.55	.43	.38	.42	.54	.71	.88	1	1.03
65	.92	.81	.65	.48	.35	.3	.34	.47	.65	.83	.96	.98
70	.87	.76	.59	.41	.27	.22	.26	.39	.58	.77	.91	.94
75	.82	.7	.52	.34	.19	.14	.18	.32	.51	.781	.85	.88
80	.76	.63	.45	.26	.11	.1	.1	.24	.44	.64	.79	.82
85	.7	.56	.38	.19	.1	.09	.09	.16	.36	.57	.72	.76
90	.63	.49	.31	.11	.09	.08	.08	.08	.28	.49	.65	.69

Latitud = 14°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.03	1.01	1	.99	.98	.99	1	1.01	1.03	1.04	1.04
10	1.06	1.04	1.02	.99	.96	.96	.96	.99	1.02	1.05	1.08	1.08
15	1.09	1.06	1.02	.97	.94	.92	.94	.97	1.02	1.07	1.1	1.1
20	1.1	1.06	1.01	.95	.9	.88	.9	.95	1.01	1.08	1.12	1.13
25	1.11	1.06	1	.92	.86	.84	.86	.92	1	1.08	1.14	1.14
30	1.11	1.05	.97	.89	.82	.79	.81	.88	.98	1.08	1.14	1.15
35	1.11	1.04	.95	.85	.77	.73	.76	.84	.95	1.06	1.14	1.15
40	1.09	1.02	.91	.8	.71	.67	.7	.79	.92	1.04	1.13	1.14
45	1.08	.99	.87	.75	.65	.61	.64	.74	.88	1.02	1.11	1.13
50	1.05	.96	.83	.69	.58	.54	.57	.68	.83	.98	1.09	1.1
55	1.02	.92	.78	.63	.51	.46	.5	.62	.78	.94	1.06	1.07
60	.98	.87	.73	.57	.44	.39	.43	.55	.72	.9	1.02	1.04
65	.94	.82	.67	.5	.36	.31	.35	.48	.66	.84	.97	1
70	.89	.77	.6	.43	.29	.23	.28	.41	.59	.79	.92	.95
75	.83	.71	.54	.35	.21	.15	.2	.33	.52	.72	.87	.9
80	.77	.65	.47	.28	.13	.1	.11	.25	.45	.66	.8	.84
85	.71	.58	.39	.2	.1	.09	.09	.18	.38	.59	.74	.77
90	.64	.51	.32	.12	.09	.08	.08	.1	.3	.51	.67	.71

Latitud = 15°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.03	1.01	1	.99	.98	.99	1	1.02	1.03	1.04	1.04
10	1.07	1.05	1.02	.99	.97	.96	.97	.99	1.02	1.06	1.08	1.08
15	1.09	1.06	1.02	.98	.94	.93	.94	.98	1.03	1.07	1.11	1.11
20	1.11	1.07	1.01	.95	.91	.89	.91	.95	1.02	1.09	1.13	1.13
25	1.12	1.07	1	.93	.87	.85	.87	.93	1.01	1.09	1.14	1.15
30	1.12	1.06	.98	.89	.82	.8	.82	.89	.99	1.08	1.15	1.16
35	1.11	1.05	.95	.85	.77	.74	.77	.85	.96	1.07	1.15	1.16
40	1.1	1.03	.92	.81	.72	.68	.71	.8	.93	1.05	1.14	1.15
45	1.09	1	.88	.76	.66	.62	.65	.75	.89	1.03	1.12	1.14
50	1.06	.97	.84	.7	.59	.55	.59	.69	.84	1	1.1	1.12
55	1.03	.93	.79	.64	.52	.48	.52	.63	.79	.96	1.07	01.09
60	.99	.89	.74	.58	.45	.4	.44	.56	.74	.91	1.03	1.05
65	.95	.84	.68	.51	.38	.32	.37	.49	.67	.86	.99	1.01
70	.9	.78	.62	.44	.3	.24	.29	.42	.61	.8	.94	.97
75	.85	.72	.55	.37	.22	.16	.21	.35	.54	.74	.88	.91
80	.79	.66	.48	.29	.14	.1	.13	.27	.47	.67	.82	.85
85	.73	.59	.41	.21	.1	.09	.09	.19	.39	.6	.75	.79
90	.66	.52	.33	.14	.09	.08	.08	.11	.31	.53	.68	.72

Latitud = 16°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.03	1.01	1	.99	.98	.99	1	1.02	1.03	1.04	1.04
10	1.07	1.05	1.02	.99	.97	.96	.97	.99	1.03	1.06	1.08	1.08
15	1.09	1.06	1.02	.98	.94	.93	.94	.98	1.03	1.08	1.11	1.11
20	1.11	1.07	1.02	.96	.91	.89	.91	.96	1.02	1.09	1.13	1.14
25	1.12	1.07	1.01	.93	.88	.85	.87	.93	1.01	1.1	1.15	1.15
30	1.13	1.07	.99	.9	.83	.8	.83	.9	.99	1.09	1.16	1.16
35	1.12	1.06	.96	.86	.78	.75	.78	.86	.97	1.08	1.16	1.17
40	1.11	1.04	.93	.82	.73	.69	.72	.81	.94	1.07	1.15	1.16
45	1.1	1.01	.89	.77	.67	.63	.66	.76	.9	1.04	1.14	1.15
50	1.07	.98	.85	.71	.6	.56	.6	.7	.85	1.01	1.11	1.13
55	1.04	.94	.8	.65	.54	.49	.53	.64	.8	.97	1.08	1.1
60	1.01	.9	.75	.59	.46	.41	.46	.58	.75	.93	1.05	1.07
65	.96	.85	.69	.52	.39	.34	.38	.51	.69	.87	1.01	1.03
70	.92	.79	.63	.45	.31	.26	.3	.44	.62	.82	.96	.98

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
75	.86	.74	.56	.38	.24	.18	.22	.36	.55	.76	.9	.93
80	.8	.67	.49	.3	.16	.1	.14	.28	.48	.69	.84	.87
85	.74	.61	.42	.23	.1	.09	.09	.2	.41	.62	.77	.81
90	.67	.54	.35	.15	.09	.08	.08	.12	.33	.54	.7	.74

Latitud = 17°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.03	1.02	1	.99	.98	.99	1	1.02	1.03	1.05	1.05
10	1.07	1.05	1.02	1	.97	.96	.97	1	1.03	1.06	1.08	1.08
15	1.1	1.07	1.03	.98	.95	.93	.95	.98	1.03	1.08	1.12	1.12
20	1.12	1.08	1.02	.96	.92	.9	.92	.96	1.03	1.1	1.14	1.14
25	1.13	1.08	1.01	.94	.88	.86	.88	.94	1.02	1.1	1.16	1.16
30	1.13	1.07	.99	.91	.84	.81	.84	.91	1	1.1	1.17	1.17
35	1.13	1.06	.97	.87	.79	.76	.79	.87	.98	1.09	1.17	1.17
40	1.12	1.05	.94	.83	.74	.7	.73	.82	.95	1.08	1.16	1.17
45	1.11	1.02	.9	.78	.68	.64	.67	.77	.91	1.05	1.15	1.16
50	1.08	.99	.86	.72	.61	.57	.61	.72	.87	1.02	1.13	1.14
55	1.06	.95	.81	.66	.55	.5	.54	.65	.82	.98	1.1	1.12
60	1.02	.91	.76	.6	.48	.43	.47	.59	.76	.94	1.06	1.08
65	.98	.86	.7	.53	.4	.35	.39	.52	.7	.89	1.02	1.04
70	.93	.81	.64	.46	.33	.27	.32	.45	.64	.83	.97	1
75	.88	.75	.58	.39	.25	.19	.24	.37	.57	.77	.92	.95
80	.82	.69	.51	.32	.17	.11	.16	.3	.5	.71	.86	.89
85	.76	.62	.44	.24	.1	.09	.09	.22	.42	.64	.79	.83
90	.69	.55	.36	.16	.09	.08	.08	.14	.34	.56	.72	.76

Latitud = 18°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.03	1.02	1	.99	.99	.99	1	1.02	1.04	1.05	1.05
10	1.07	1.05	1.03	1	.97	.97	.97	1	1.03	1.07	1.09	1.09
15	1.1	1.07	1.03	.99	.95	.94	.95	.99	1.04	1.09	1.12	1.12
20	1.12	1.08	1.03	.97	.92	.9	.92	.97	1.04	1.1	1.15	1.15
25	1.13	1.08	1.02	.94	.89	.86	.89	.94	1.03	1.11	1.16	1.17
30	1.14	1.08	1	.91	.85	.82	.84	.91	1.01	1.11	1.17	1.18
35	1.14	1.07	.98	.88	.8	.77	.79	.87	.99	1.1	1.18	1.18
40	1.13	1.05	.95	.83	.75	.71	.74	.83	.96	1.09	1.17	1.18

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
45	1.12	1.03	.91	.79	.69	.65	.68	.78	.92	1.06	1.16	1.17
50	1.1	1	.87	.73	.63	.58	.62	.73	.88	1.03	1.14	1.15
55	1.07	.96	.82	.67	.56	.51	.55	.67	.83	1	1.11	1.13
60	1.03	.92	.77	.61	.49	.44	.48	.6	.78	.96	1.08	1.1
65	.99	.87	.72	.55	.42	.36	.41	.53	.72	.91	1.04	1.06
70	.94	.82	.65	.48	.34	.29	.33	.46	.65	.85	.99	1.01
75	.89	.76	.59	.4	.26	.21	.25	.39	.58	.79	.94	.96
80	.83	.7	.52	.33	.19	.13	.17	.31	.51	.72	.88	.91
85	.77	.64	.45	.25	.11	.09	.09	.13	.44	.65	.81	.84
90	.71	.57	.38	.18	.09	0.8	.08	.15	.36	.58	.74	.78

Latitud = 19°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.03	1.02	1	.99	.99	.99	1	1.02	1.04	1.05	1.05
10	1.08	1.06	1.03	1	.98	.97	.98	1	1.03	1.07	1.09	1.09
15	1.1	1.07	1.03	.99	.96	.94	.95	.99	1.04	1.09	1.12	1.13
20	1.13	1.09	1.03	.97	.93	.91	.93	.97	1.04	1.11	1.15	1.15
25	1.14	1.09	1.02	.95	.89	.87	.89	.95	1.03	1.12	1.17	1.17
30	1.15	1.09	1.01	.92	.85	.83	.85	.92	1.02	1.12	1.18	1.19
35	1.15	1.08	.99	.88	.81	.78	.8	.88	1	1.11	1.19	1.19
40	1.14	1.06	.96	.84	.75	.72	.75	.84	.97	1.1	1.19	1.19
45	1.13	1.04	.92	.8	.7	.66	.69	.79	.93	1.08	1.17	1.18
50	1.11	1.01	.88	.74	.64	.59	.63	.74	.89	1.05	1.16	1.17
55	1.08	.98	.84	.69	.57	.52	.56	.68	.84	1.01	1.13	1.14
60	1.05	.93	.78	.62	.5	.45	.49	.62	.79	.97	1.1	1.11
65	1.01	.89	.73	.56	.43	.38	.42	.55	.73	.92	1.05	1.07
70	.96	.84	.67	.49	.35	.3	.34	.48	.67	.87	1.01	1.03
75	.91	.78	.6	.42	.28	.22	.27	.4	.6	.81	.95	.98
80	.85	.72	.53	.34	.2	.14	.19	.33	.53	.74	.89	.92
85	.79	.65	.46	.27	.12	.09	.11	.25	.45	.67	.83	.86
90	.72	.58	.39	.19	.09	.08	.08	.17	.37	.6	.76	.79

Latitud = 20°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.03	1.02	1	.99	.99	.99	1.01	1.02	1.04	1.05	1.05
10	1.08	1.06	1.03	1	.98	.97	.98	1	1.04	1.07	1.09	1.09

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
15	1.11	1.08	1.04	.99	.96	.95	.96	.99	1.04	1.1	1.13	1.13
20	1.13	1.09	1.04	.98	.93	.91	.93	.98	1.05	1.11	1.16	1.16
25	1.15	1.1	1.03	.96	.9	.88	.9	.96	1.04	1.12	1.18	1.18
30	1.16	1.1	1.01	.93	.86	.83	.86	.93	1.03	1.13	1.19	1.2
35	1.16	1.09	.99	.89	.81	.78	.81	.89	1	1.12	1.2	1.2
40	1.15	1.07	.97	.85	.76	.73	.76	.85	.98	1.11	1.2	1.2
45	1.14	1.05	.93	.81	.71	.67	.7	.8	.94	1.09	1.19	1.2
50	1.12	1.02	.89	.75	.65	.6	.64	.75	.9	1.06	1.17	1.18
55	1.09	.99	.85	.7	.58	.54	.58	.69	.86	1.03	1.14	1.16
60	1.06	.95	.8	.64	.51	.46	.51	.63	.8	.99	1.11	1.13
65	1.02	.9	.74	.57	.44	.39	.43	.56	.74	.94	1.07	1.09
70	.97	.85	.68	.5	.37	.31	.36	.49	.68	.88	1.03	1.05
75	.92	.79	.62	.43	.29	.23	.28	.42	.61	.82	.97	1
80	.87	.73	.55	.36	.21	.16	.2	.34	.54	.76	.91	.94
85	.8	.67	.48	.28	.13	.09	.12	.26	.47	.69	.85	.88
90	.74	.6	.4	.2	.09	.08	.08	.18	.39	.61	.78	.81

Latitud = 21°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.03	1.02	1.01	.99	.99	.99	1.01	1.02	1.04	1.05	1.05
10	1.08	1.06	1.03	1.01	.98	.97	.98	1.01	1.04	1.07	1.1	1.1
15	1.11	1.08	1.04	1	.96	.95	.96	1	1.05	1.1	1.13	1.13
20	1.14	1.1	1.04	.98	.94	.92	.94	.98	1.05	1.12	1.16	1.16
25	1.15	1.1	1.03	.96	.91	.88	.9	.96	1.05	1.13	1.19	1.19
30	1.16	1.1	1.02	.93	.87	.84	.86	.93	1.03	1.14	1.2	1.2
35	1.17	1.1	1	.9	.82	.79	.82	.9	1.01	1.13	1.21	1.21
40	1.16	1.08	.98	.86	.77	.74	.77	.86	.99	1.12	1.21	1.21
45	1.15	1.06	.94	.82	.72	.68	.71	.81	.95	1.1	1.2	1.21
50	1.13	1.03	.9	.76	.66	.62	.65	.76	.91	1.08	1.18	1.19
55	1.11	1	.86	.71	.59	.55	.59	.7	.87	1.04	1.16	1.17
60	1.07	.96	.81	.65	.53	.48	.52	.64	.82	1	1.13	1.14
65	1.03	.91	.75	.58	.45	.4	.45	.57	.76	.95	1.09	1.11
70	.99	.86	.69	.52	.38	.33	.37	.5	.7	.9	1.04	1.06
75	.94	.81	.63	.44	.3	.25	.29	.43	.63	.84	.99	1.02
80	.88	.75	.56	.37	.23	.17	.22	.36	.56	.78	.93	.96
85	.82	.68	.49	.3	.15	.09	.14	.28	.48	.71	.87	.9
90	.75	.61	.42	.22	.09	.08	.08	.2	.41	.63	.8	.83

Latitud = 22°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.03	1.02	1.01	1	.99	1	1.01	1.02	1.04	1.05	1.05
10	1.08	1.06	1.04	1.01	.98	.98	.98	1.01	1.04	1.08	1.1	1.1
15	1.12	1.09	1.04	1	.97	.95	.97	1	1.05	1.11	1.14	1.14
20	1.14	1.1	1.05	.99	.94	.92	.94	.99	1.06	1.13	1.17	1.17
25	1.16	1.11	1.04	.97	.91	.89	.91	.97	1.05	1.14	1.2	1.2
30	1.17	1.11	1.03	.94	.87	.85	.87	.94	1.04	1.14	1.21	1.21
35	1.17	1.1	1.01	.91	.83	.8	.83	.91	1.02	1.14	1.22	1.22
40	1.17	1.09	.98	.87	.78	.75	.78	.87	1	1.13	1.22	1.23
45	1.16	1.07	.95	.83	.73	.69	.72	.82	.97	1.11	1.21	1.22
50	1.14	1.04	.91	.78	.67	.63	.66	.77	.93	1.09	1.2	1.21
55	1.12	1.01	.87	.72	.61	.56	.6	.72	.88	1.06	1.18	1.19
60	1.09	.97	.82	.66	.54	.49	.53	.65	.83	1.02	1.15	1.16
65	1.085	.93	.77	.6	.47	.42	.46	.59	.77	.97	1.11	1.12
70	1	.88	.71	.53	.39	.34	.39	.52	.71	.92	1.06	1.08
75	.95	.82	.64	.46	.32	.26	.31	.45	.65	.86	1.01	1.03
80	.9	.76	.58	.39	.24	.18	.23	.37	.57	.79	.95	.98
85	.84	.7	.51	.31	.16	.1	.15	.29	.5	.73	.89	.92
90	.77	.63	.43	.23	.09	.08	.08	.21	.42	.65	.82	.85

Latitud = 23°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.05	1.04	1.02	1.01	1	.99	1	1.01	1.03	1.04	1.05	1.05
10	1.09	1.07	1.04	1.01	.99	.98	.99	1.01	1.05	1.08	1.1	1.1
15	1.12	1.09	1.05	1	.97	.96	.97	1.01	1.06	1.11	1.14	1.14
20	1.15	1.11	1.05	.99	.95	.93	.95	.99	1.06	1.13	1.18	1.18
25	1.17	1.11	1.05	.97	.92	.9	.92	.98	1.06	1.15	1.2	1.2
30	1.18	1.12	1.04	.95	.88	.86	.88	.95	1.05	1.15	1.22	1.22
35	1.18	1.11	1.02	.92	.84	.81	.84	.92	1.03	1.15	1.23	1.23
40	1.18	1.1	.99	.88	.79	.76	.79	.88	1.01	1.14	1.23	1.24
45	1.17	1.08	.96	.84	.74	.7	.73	.83	.98	1.13	1.23	1.23
50	1.16	1.06	.92	.79	.68	.64	.68	.78	.94	1.1	1.21	1.22
55	1.13	1.02	.88	.73	.62	.57	.61	.73	.89	1.07	1.19	1.2
60	1.1	.99	.83	.67	.55	.5	.54	.67	.84	1.03	1.16	1.18
65	1.06	.94	.78	.61	.48	.43	.47	.6	.79	.99	1.13	1.14
70	1.02	.89	.72	.54	.41	.35	.4	.53	.73	.94	1.08	1.1

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
75	.97	.84	.66	.47	.33	.28	.32	.46	.66	.88	1.03	1.05
80	.91	.78	.59	.4	.26	.2	.24	.39	.59	.81	.97	1
85	.85	.71	.52	.32	.18	.12	.17	.31	.52	.74	.91	.94
90	.79	.64	.45	.25	.1	.08	.08	.23	.44	.67	.84	.87

Latitud = 24°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.05	1.04	1.02	1.01	1	.99	1	1.01	1.03	1.05	1.06	1.06
10	1.09	1.07	1.04	1.01	.99	.98	.99	1.01	1.05	1.08	1.11	1.11
15	1.12	1.09	1.05	1.01	.97	.96	.97	1.01	1.06	1.11	1.15	1.15
20	1.15	1.11	1.06	1	.95	.93	.95	1	1.07	1.14	1.18	1.18
25	1.17	1.12	1.05	.98	.92	.9	.92	.98	1.07	1.15	1.21	1.21
30	1.19	1.12	1.04	.96	.89	.86	.89	.96	1.06	1.16	1.23	1.23
35	1.19	1.12	1.03	.92	.85	.82	.85	.93	1.04	1.16	1.24	1.24
40	1.19	1.11	1	.89	.8	.77	.8	.89	1.02	1.16	1.25	1.25
45	1.18	1.09	.97	.84	.75	.71	.74	.84	.99	1.14	1.24	1.25
50	1.17	1.07	.94	.8	.69	.65	.69	.79	.95	1.12	1.23	1.24
55	1.15	1.04	.89	.74	.63	.58	.62	.74	.91	1.09	1.21	1.22
60	1.12	1	.85	.68	.56	.52	.56	.68	.86	1.05	1.18	1.19
65	1.08	.96	.79	.62	.49	.44	.49	.62	.8	1	1.14	1.16
70	1.04	.91	.73	.56	.42	.37	.41	.55	.74	.95	1.1	1.12
75	.99	.85	.67	.49	.35	.29	.34	.48	.68	.9	1.05	1.07
80	.93	.79	.6	.41	.27	.21	.26	.4	.61	.83	.99	1.02
85	.87	.73	.53	.34	.19	.13	.18	.32	.53	.76	.93	.96
90	.81	.66	.46	.26	.11	.08	.1	.24	.46	.69	.86	.89

Latitud = 25°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.05	1.04	1.03	1.01	1	1	1	1.01	1.03	1.05	1.06	1.06
10	1.09	1.07	1.04	1.01	.99	.98	.99	1.02	1.05	1.09	1.11	1.11
15	1.13	1.1	1.06	1.01	.98	.96	.98	1.01	1.07	1.12	1.15	1.15
20	1.16	1.12	1.06	1	.96	.94	.96	1	1.07	1.14	1.19	1.19
25	1.18	1.13	1.06	.99	.93	.91	.93	.99	1.07	1.16	1.22	1.22
30	1.19	1.13	1.05	.96	.9	.87	.89	.96	1.07	1.17	1.24	1.24
35	1.2	1.13	1.03	.93	.86	.83	.85	.93	1.05	1.17	1.25	1.26
40	1.2	1.12	1.01	.9	.81	.78	.81	.9	1.03	1.17	1.26	1.26

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
45	1.2	1.1	.98	.85	.76	.72	.76	.86	1	1.15	1.26	1.26
50	1.18	1.08	.95	.81	.7	.66	.7	.81	.96	1.13	1.25	1.25
55	1.16	1.05	.91	.75	.64	.6	.64	.75	.92	1.1	1.23	1.23
60	1.13	1.01	.86	.7	.58	.53	.57	.69	.87	1.07	1.2	1.21
65	1.09	.97	.81	.63	.51	.46	.5	.63	.82	1.02	1.16	1.18
70	1.05	.92	.75	.57	.43	.38	.43	.56	.76	.97	1.12	1.14
75	1	.87	.69	.5	.36	.31	.35	.49	.69	.91	1.07	1.09
80	.95	.81	.62	.43	.28	.23	.27	.42	.62	.85	1.01	1.04
85	.89	.74	.55	.35	.21	.15	.19	.34	.55	.78	.95	.98
90	.82	.67	.48	.28	.13	.08	.11	.26	.47	.71	.88	.91

Latitud = 26°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.05	1.04	1.03	1.01	1	1	1	1.01	1.03	1.05	1.06	1.06
10	1.09	1.07	1.05	1.02	.99	.99	.99	1.02	1.05	1.09	1.11	1.11
15	1.13	1.1	1.06	1.02	.98	.97	.98	1.02	1.07	1.12	1.16	1.16
20	1.16	1.12	1.07	1.01	.96	.94	.96	1.01	1.08	1.15	1.2	1.2
25	1.19	1.13	1.06	.99	.94	.91	.93	.99	1.08	1.17	1.23	1.23
30	1.2	1.14	1.06	.97	.9	.88	.9	.97	1.07	1.18	1.25	1.25
35	1.21	1.14	1.04	.94	.86	.83	.86	.94	1.06	1.18	1.27	1.27
40	1.21	1.13	1.02	.91	.82	.79	.82	.91	1.04	1.18	1.27	1.27
45	1.21	1.11	.99	.86	.77	.73	.77	.87	1.01	1.17	1.27	1.27
50	1.19	1.09	.96	.82	.71	.67	.71	.82	.98	1.15	1.26	1.27
55	1.17	1.06	.92	.77	.65	.61	.65	.76	.94	1.12	1.24	1.25
60	1.15	1.03	.87	.71	.59	.54	.58	.71	.89	1.08	1.22	1.23
65	1.11	.98	.82	.65	.52	.47	.51	.64	.83	1.04	1.18	1.19
70	1.07	.94	.76	.58	.45	.4	.44	.58	.77	.99	1.14	1.16
75	1.02	.88	.7	.51	.37	.32	.37	.5	.71	.93	1.09	1.11
80	.97	.82	.63	.44	.3	.24	.29	.43	.64	.87	1.04	1.06
85	.91	.76	.56	.37	.22	.16	.21	.35	.57	.8	.97	1
90	.84	.69	.49	.29	.14	.08	.13	.27	.49	.73	.9	.93

Latitud = 27°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.05	1.04	1.03	1.01	1	1	1	1.01	1.03	1.05	1.06	1.06
10	1.1	1.08	1.05	1.02	1	.99	1	1.02	1.06	1.09	1.12	1.11

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
15	1.14	1.1	1.06	1.02	.99	.97	.99	1.02	1.07	1.13	1.16	1.16
20	1.17	1.13	1.07	1.01	.97	.95	.97	1.01	1.08	1.16	1.21	1.2
25	1.19	1.14	1.07	1	.94	.92	.94	1	1.09	1.18	1.24	1.24
30	1.21	1.15	1.06	.98	.91	.88	.91	.98	1.08	1.19	1.26	1.26
35	1.22	1.15	1.05	.95	.87	.84	.87	.95	1.07	1.2	1.28	1.28
40	1.22	1.14	1.03	.91	.83	.79	.83	.92	1.05	1.19	1.29	1.29
45	1.22	1.12	1	.87	.78	.74	.78	.88	1.02	1.18	1.29	1.29
50	1.21	1.1	.97	.83	.72	.68	.72	.83	.99	1.16	1.28	1.28
55	1.19	1.07	.93	.78	.66	.62	.66	.78	.95	1.13	1.26	1.27
60	.16	1.04	.88	.72	.6	.55	.6	.72	.9	1.1	1.24	1.24
65	1.13	1	.83	.66	.53	.48	.53	.66	.85	1.06	1.2	1.21
70	1.09	.95	.78	.6	.46	.41	.45	.59	.79	1.01	1.16	1.17
75	1.04	.9	.71	.53	.39	.33	.38	.52	.73	.95	.11	1.13
80	.98	.84	.65	.45	.31	.26	.3	.45	.66	.89	1.06	1.08
85	.93	.78	.58	.38	.23	.18	.22	.37	.58	.82	1	1.02
90	.86	.71	.51	.3	.15	.1	.14	.29	.51	.75	.93	.95

Latitud = 28°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.05	1.04	1.03	1.01	1	1	1	1.02	1.03	1.05	1.06	1.06
10	1.1	1.08	1.05	1.02	1	.99	1	1.02	1.06	1.1	1.12	1.12
15	1.14	1.11	1.07	1.02	.99	.98	.99	1.03	1.08	1.13	1.17	1.17
20	1.17	1.13	1.08	1.02	.97	.95	.97	1.02	1.09	1.16	1.21	1.21
25	1.2	1.15	1.08	1	.95	.93	.95	1.01	1.09	1.19	1.25	1.24
30	1.22	1.15	1.07	.98	.92	.89	.92	.99	1.09	1.2	1.27	1.27
35	1.23	1.16	1.06	.96	.88	.85	.88	.96	1.08	1.21	1.29	1.29
40	1.24	1.15	1.04	.92	.84	.8	.84	.93	1.06	1.21	1.3	1.3
45	1.23	1.14	1.01	.89	.79	.75	.79	.89	1.04	1.2	1.3	1.3
50	1.22	1.12	.98	.84	.73	.69	.73	.84	1	1.18	1.3	1.3
55	1.2	1.09	.94	.79	.68	.63	.67	.79	.96	1.15	1.28	1.28
60	1.18	1.05	.9	.73	.61	.57	.61	.73	.92	1.12	1.26	1.26
65	1.14	1.01	.85	.67	.55	.5	.54	.67	.86	1.08	1.22	1.23
70	1.1	.97	.79	.61	.48	.42	.47	.6	.81	1.03	1.18	1.19
75	1.06	.91	.73	.54	.4	.35	.39	.53	.74	.97	1.14	1.15
80	1	.86	.66	.47	.33	.27	.32	.46	.67	.91	1.08	1.1
85	.94	.79	.59	.39	.25	.19	.24	.38	.6	.84	1.02	1.04
90	.88	.72	.52	.32	.17	.11	.16	.31	.53	.77	.95	.98

Latitud = 29°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.05	1.04	1.03	1.02	1	1	1	1.02	12.03	1.05	1.07	1.06
10	1.1	1.08	1.05	1.02	1	.99	1	1.03	1.06	1.1	1.12	1.12
15	1.15	1.11	1.07	1.03	.99	.98	.99	1.03	1.08	1.14	1.18	1.17
20	1.18	1.14	1.08	1.02	.98	.96	.98	1.03	1.1	1.17	1.22	1.22
25	1.21	1.15	1.08	1.01	.95	.93	.95	1.01	1.1	1.2	1.26	1.25
30	1.23	1.16	1.08	.99	.92	.9	.92	1	1.1	1.21	1.28	1.28
35	1.24	1.17	1.07	.97	.89	.86	.89	.97	1.09	1.22	1.3	1.3
40	1.25	1.16	1.05	.93	.85	.81	.85	.94	1.07	1.22	1.32	1.31
45	1.24	1.15	1.02	.9	.8	.76	.8	.9	1.05	1.21	1.32	1.32
50	1.23	1.13	.99	.85	.75	.71	.74	.85	1.02	119	1.31	1.31
55	1.22	1.1	.95	.8	.69	.64	.68	.8	.98	1.17	1.3	1.3
60	1.19	1.07	.91	.75	.63	.58	.62	.75	.93	1.14	1.28	1.28
65	1.16	1.03	.86	.69	.56	.51	.55	.69	.88	1.1	1.24	1.25
70	1.12	.98	.8	.62	.49	.44	.48	.62	.82	1.05	1.2	1.22
75	1.07	.93	.74	.55	.42	.36	.41	.55	.76	.99	1.16	1.17
80	1.02	.87	.68	.48	.34	.28	.33	.48	.69	.93	1.1	1.12
85	.96	.81	.61	.41	.26	.21	.25	.4	.62	.87	1.04	1.06
90	.9	.74	.54	.33	.18	.13	.17	.32	.54	.79	.97	1

Latitud = 30°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.06	1.05	1.03	1.02	1.01	1	1.01	1.02	1.04	1.06	1.07	1.07
10	1.11	1.08	1.06	1.03	1	1	1	1.03	1.07	1.1	1.13	1.12
15	1.15	1.12	1.07	1.03	1	.98	1	1.03	1.09	1.15	1.18	1.18
20	1.19	1.14	1.09	1.03	.98	.96	.98	1.03	1.1	1.18	1.23	1.22
25	1.22	1.16	1.09	1.02	.96	.94	.96	1.02	1.11	1.2	1.27	1.26
30	1.24	1.17	1.09	1	.93	.91	.93	1	1.11	1.22	1.3	1.29
35	1.25	1.17	1.08	.97	.9	.87	.9	.98	1.1	1.23	1.32	11.31
40	1.26	1.17	1.06	.94	.86	.82	.85	.95	1.08	1.23	1.33	1.33
45	1.26	1.16	1.04	.91	.81	.77	.81	.91	1.06	1.22	1.33	1.33
50	1.25	1.14	1	.86	.76	.72	.75	.87	1.03	1.21	1.33	1.33
55	1.23	1.12	.97	.81	.7	.66	.7	.82	.99	1.19	1.32	1.32
60	1.21	1.08	.92	.76	.64	.59	.63	.76	.95	1.15	1.3	1.3
65	1.18	1.04	.87	.7	.57	.52	.57	.7	.9	1.11	1.27	1.27
70	1.14	1	.82	.64	.5	.45	.5	.63	.84	1.07	1.23	1.24

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
75	1.09	.95	.76	.57	.43	.38	.42	.56	.78	1.01	1.18	1.19
80	1.04	.89	.69	.5	.35	.3	.35	.49	.71	.95	1.13	1.14
85	.98	.83	.63	.42	.28	.22	.27	.42	.64	.89	1.07	1.09
90	.92	.76	.55	.35	.2	.14	.19	.34	.56	.81	1	1.02

Latitud = 31°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.06	1.05	1.03	1.02	1.01	1	1.01	1.02	1.04	1.06	1.07	1.07
10	1.11	1.09	1.06	1.03	1.01	1	1.01	1.03	1.07	1.11	1.13	1.13
15	1.15	1.12	1.08	1.03	1	.99	1	1.04	1.09	1.15	1.19	1.18
20	1.19	1.15	1.09	1.03	.99	.97	.99	1.04	1.11	1.19	1.24	1.23
25	1.22	1.17	1.1	1.02	.97	.94	.97	1.03	1.12	1.21	1.28	1.27
30	1.25	1.18	1.09	1.01	.94	.91	.94	1.01	1.12	1.23	1.31	1.3
35	1.26	1.18	1.09	.98	.9	.88	.9	.99	1.11	1.24	1.33	1.33
40	1.27	1.18	1.07	.95	.86	.83	.86	.96	1.1	1.25	1.35	1.34
45	1.27	1.17	1.05	.92	.82	.78	.82	.92	1.07	1.24	1.35	1.35
50	1.26	1.15	1.02	.87	.77	.73	.77	.88	1.04	1.23	1.35	1.35
55	1.25	1.13	.98	.83	.71	.67	.71	.83	1.01	12	1.34	1.34
60	1.22	1.1	.94	.77	.65	.6	.65	.77	.96	1.17	1.32	1.32
65	1.19	1.06	.89	.71	.59	.54	.58	.71	.91	1.13	1.29	1.29
70	1.16	1.01	.83	.65	.52	.46	.51	.65	.86	1.09	1.25	1.26
75	1.11	.96	.77	.58	.44	.39	.44	.58	.79	1.04	1.2	1.21
80	1.06	.91	.71	.51	.37	.31	.36	.51	.73	.98	1.15	1.17
85	1	.84	.64	.44	.29	.23	.28	.43	.66	.91	1.09	1.11
90	.94	.78	.57	.36	.21	.16	.2	.35	.58	.84	1.02	1.05

Latitud = 32°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.06	1.05	1.03	1.02	1.01	1	1.01	1.02	1.04	1.06	1.07	1.07
10	1.11	1.09	1.06	1.03	1.01	1	1.01	1.04	1.07	1.11	1.14	1.13
15	1.16	1.12	1.08	1.04	1	.99	1	1.04	1.1	1.16	1.19	1.19
20	1.2	1.15	1.1	1.04	.99	.97	.99	1.04	1.11	1.19	1.24	1.24
25	1.3	1.17	1.1	1.03	.97	.95	.97	1.03	1.12	1.22	1.29	1.28
30	1.26	1.19	1.1	1.01	.95	.92	.95	1.02	1.13	1.24	1.32	1.31
35	1.27	1.19	1.09	.99	.91	.88	.91	1	1.12	1.26	1.34	1.34
40	1.28	1.19	1.08	.96	.87	.84	.87	.97	1.11	1.26	1.36	1.35

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
45	1.28	1.18	1.06	.93	.83	.79	.83	.93	1.09	1.26	1.37	1.36
50	1.28	1.17	1.03	.88	.78	.74	.78	.89	1.06	1.24	1.37	1.36
55	1.26	1.14	.99	.84	.72	.68	.72	.84	1.02	1.22	1.36	1.35
60	1.24	1.11	.95	.78	.66	.62	.66	.79	.98	1.19	1.34	1.34
65	1.21	1.07	.9	.73	.6	.55	.59	.73	.93	1.15	1.31	1.31
70	1.17	1.03	.85	.66	.53	.48	.53	.66	.87	1.11	1.27	1.28
75	1.13	.98	.79	.6	.46	.4	.45	.6	..81	1.06	1.23	1.24
80	1.08	.92	.73	.53	.38	.33	.38	.52	.75	1	1.18	1.19
85	1.02	.86	.66	.45	.31	.25	.3	.45	.67	.93	1.12	1.13
90	.96	.79	.59	.38	.23	.17	.22	.37	.6	.86	1.05	1.07

Latitud = 33°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.06	1.05	1.04	1.02	1.01	1.01	1.01	1.02	1.04	1.06	1.07	1.07
10	1.12	1.09	1.06	1.03	1.01	1	1.01	1.04	1.07	1.12	1.14	1.14
15	1.16	1.13	1.09	1.04	1.01	1	1.01	1.05	1.1	1.16	1.2	1.19
20	1.2	1.16	1.1	1.04	1	.98	1	1.05	1.12	1.2	1.25	1.24
25	1.24	1.18	1.11	1.03	.98	.96	.98	1.04	1.13	1.23	1.3	1.29
30	1.26	1.2	1.11	1.02	.95	.93	.95	1.03	1.14	1.25	1.33	1.32
35	1.28	1.2	1.1	1	.92	.89	.92	1.01	1.13	1.27	1.36	1.35
40	1.29	1.2	1.09	.97	.88	.85	.88	.98	1.12	1.27	1.38	1.37
45	1.3	1.2	1.07	.94	.84	.8	.84	.94	1.1	1.27	1.39	1.38
50	1.29	1.18	1.04	.9	.79	.75	.79	.9	1.07	1.26	1.39	1.38
55	1.28	1.16	1.01	.85	.74	.69	.73	.85	1.04	1.24	1.38	1.37
60	1.26	1.13	.96	.8	.68	.63	.67	.8	1	1.21	1.36	1.36
65	1.23	1.09	.92	.74	.61	.56	.61	.74	.95	1.18	1.33	1.33
70	1.19	1.05	.86	.68	.54	.49	.54	.68	.89	1.13	1.3	1.3
75	1.15	1	.81	.61	.47	.42	.47	.61	.83	1.08	1.25	1.26
80	1.1	.94	.74	.54	.4	.34	.39	.54	.76	1.032	1.2	1.21
85	1.04	.88	.67	.47	.32	.26	.31	.46	.69	.95	1.14	1.16
90	.98	.81	.6	.39	.24	.18	.23	.39	.62	.88	1.08	1.09

Latitud = 34°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.06	1.05	1.03	1.02	1.01	1	1.01	1.02	1.04	1.06	1.07	1.07
10	1.11	1.09	1.06	1.03	1.01	1	1.01	1.04	1.07	1.11	1.14	1.13

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
15	1.16	1.12	1.08	1.04	1	.99	1	1.04	1.1	1.16	1.19	1.19
20	1.2	1.15	1.1	1.04	.99	.97	.99	1.04	1.11	1.19	1.24	1.24
25	1.3	1.17	1.1	1.03	.97	.95	.97	1.03	1.12	1.22	1.29	1.28
30	1.26	1.19	1.1	1.01	.95	.92	.95	1.02	1.13	1.24	1.32	1.31
35	1.27	1.19	1.09	.99	.91	.88	.91	1	1.12	1.26	1.34	1.34
40	1.28	1.19	1.08	.96	.87	.84	.87	.97	1.11	1.26	1.36	1.35
45	1.28	1.18	1.06	.93	.83	.79	.83	.93	1.09	1.26	1.37	1.36
50	1.28	1.17	1.03	.88	.78	.74	.78	.89	1.06	1.24	1.37	1.36
55	1.26	1.14	.99	.84	.72	.68	.72	.84	1.02	1.22	1.36	1.35
60	1.24	1.11	.95	.78	.66	.62	.66	.79	.98	1.19	1.34	1.34
65	1.21	1.07	.9	.73	.6	.55	.59	.73	.93	1.15	1.31	1.31
70	1.17	1.03	.85	.66	.53	.48	.53	.66	.87	1.11	1.27	1.28
75	1.13	.98	.79	.6	.46	.4	.45	.6	..81	1.06	1.23	1.24
80	1.08	.92	.73	.53	.38	.33	.38	.52	.75	1	1.18	1.19
85	1.02	.86	.66	.45	.31	.25	.3	.45	.67	.93	1.12	1.13
90	.96	.79	.59	.38	.23	.17	.22	.37	.6	.86	1.05	1.07

Latitud = 35°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.06	1.05	1.04	1.02	1.01	1.01	1.01	1.03	1.04	1.06	1.08	1.07
10	1.12	1.1	1.07	1.04	1.02	1.01	1.02	1.04	1.08	1.12	1.15	1.14
15	1.17	1.14	1.09	1.05	1.02	1	1.02	1.05	1.11	1.17	1.21	1.21
20	1.22	1.17	1.11	1.05	1.01	.99	1.01	1.06	1.13	1.22	1.27	1.26
25	1.25	1.2	1.12	1.05	.99	.97	.99	1.05	1.15	1.25	1.32	1.31
30	1.28	1.21	1.13	1.04	.97	.94	.97	1.04	1.15	1.28	1.36	1.35
35	1.31	1.22	1.12	1.02	.94	.91	.94	1.02	1.15	1.29	1.39	1.38
40	1.32	1.23	1.11	.99	.9	.87	.9	1	1.14	1.3	1.41	1.4
45	1.33	1.22	1.09	.96	.86	.82	.86	.97	1.13	1.3	1.42	1.41
50	1.32	1.21	1.07	.92	.81	.77	.81	.93	1.1	1.3	1.43	1.42
55	1.31	1.19	1.03	.87	.76	.72	.76	.88	1.07	1.28	1.42	1.41
60	1.29	1.16	.99	.82	.7	.66	.7	.83	1.03	1.25	1.41	1.4
65	1.27	1.12	.95	.77	.64	.59	.64	.77	.98	1.22	1.38	1.38
70	1.23	1.08	.9	.71	.57	.52	.57	.71	.93	1.18	1.35	1.35
75	1.19	1.03	.84	.64	.5	.45	.5	.64	.87	1.13	1.31	1.31
80	1.14	.98	.78	.57	.43	.37	.42	.57	8	1.07	1.26	1.26
85	1.09	.92	.71	.5	.35	.29	.34	.5	.73	1	1.2	1.21
90	1.02	.85	.64	.42	.27	.21	.26	.42	.66	.93	1.13	1.15

Latitud = 36°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.07	1.05	1.04	1.02	1.01	1.01	1.01	1.03	1.05	1.07	1.08	1.08
10	1.13	1.1	1.07	1.04	1.02	1.01	1.02	1.05	1.08	1.13	1.15	1.15
15	1.18	1.14	1.1	1.05	1.02	1.01	1.02	1.06	1.12	1.18	1.22	1.21
20	1.22	1.18	1.12	1.06	1.01	.99	1.01	1.06	1.14	1.22	1.28	1.27
25	1.26	1.2	1.13	1.05	1	.98	1	1.06	1.16	1.26	1.33	1.32
30	1.29	1.22	1.13	1.04	.98	.95	.98	1.05	1.16	1.29	1.37	1.36
35	1.32	1.23	1.13	1.02	.95	.92	.95	1.03	1.16	1.31	1.4	1.39
40	1.33	1.24	1.12	1	.91	.88	.91	1.01	1.16	1.32	1.43	1.41
45	1.34	1.23	1.1	.97	.87	.84	.87	.98	1.14	1.32	1.44	1.43
50	1.34	1.22	1.08	.93	.82	.78	.82	.94	1.12	1.31	1.45	1.44
55	1.33	1.2	1.05	.89	.77	.73	.77	.9	1.08	1.3	1.44	1.43
60	1.31	1.17	1.01	.84	.71	.67	.71	.84	1.50	1.27	1.43	1.42
65	1.29	1.14	.96	.78	.65	.6	.65	.79	1	1.24	1.41	1.4
70	1.25	1.1	.91	.72	.59	.53	.58	.73	.95	1.2	1.37	1.37
75	1.21	1.05	.85	.66	.52	.46	.51	.66	.89	1.15	1.33	1.33
80	1.16	1	.79	.59	.44	.39	.44	.59	.82	1.09	1.28	1.29
85	1.11	.94	.73	.52	.37	.31	.36	.51	.75	1.03	1.23	1.23
90	1.05	.87	.65	.44	.29	.23	.28	.44	.68	.96	1.16	1.17

Latitud = 37°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.07	1.06	1.04	1.03	1.01	1.01	1.02	1.03	1.05	1.07	1.08	1.08
10	1.13	1.1	1.08	1.05	1.02	1.01	1.02	1.05	1.09	1.13	1.16	1.15
15	1.18	1.15	1.1	1.06	1.02	1.01	1.02	1.06	1.12	1.19	1.23	1.22
20	1.23	1.18	1.12	1.06	1.02	1	1.02	1.07	1.15	1.23	1.29	1.28
25	1.27	1.21	1.14	1.06	1	.98	1	1.07	1.16	1.27	1.34	1.33
30	1.3	1.23	1.14	1.05	.98	.96	.98	1.06	1.17	1.3	1.38	1.37
35	1.33	1.24	1.14	1.03	.96	.93	.96	1.04	1.17	1.32	1.42	1.41
40	1.35	1.25	1.13	1.01	.92	.89	.92	1.02	1.17	1.34	1.44	1.43
45	1.35	1.25	1.11	.98	.88	.85	.88	.99	1.15	1.34	1.46	1.45
50	1.35	1.24	1.09	.94	.84	.8	.84	.95	1.13	1.33	1.47	1.46
55	1.35	1.22	1.06	.9	.78	.74	.78	.91	1.1	1.32	1.47	1.45
60	1.33	1.19	1.02	.85	.73	.68	.73	.86	1.06	1.3	1.45	1.44
65	1.31	1.16	.98	.8	.67	.62	.66	.8	1.02	1.26	1.43	1.42
70	1.27	1.12	.93	.74	.6	.55	.6	.74	.9	1.22	1.4	1.4

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
75	1.23	1.07	.87	.67	.53	.48	.53	.68	.91	1.17	1.36	1.36
80	1.19	1.02	.81	.6	.46	.4	.45	.6	.84	1.12	1.31	1.31
85	1.13	.96	.74	.53	.38	.32	.38	.53	.77	1.05	1.26	1.26
90	1.07	.89	.67	.46	.3	.25	.3	.45	.7	.98	1.19	1.2

Latitud = 38°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.07	1.06	1.04	1.03	1.02	1.01	1.02	1.03	1.05	1.07	1.08	1.08
10	1.13	1.11	1.08	1.05	1.02	1.02	1.03	1.05	1.09	1.14	1.16	1.16
15	1.19	1.15	1.11	1.06	1.03	1.01	1.03	1.07	1.13	1.19	1.23	1.22
20	1.24	1.19	1.13	1.07	1.02	1.01	1.02	1.07	1.15	1.24	1.3	1.29
25	1.28	1.22	1.14	1.07	1.01	.99	1.01	1.08	1.17	1.28	1.35	1.34
30	1.31	1.24	1.15	1.06	.99	.97	.99	1.07	1.18	1.31	1.4	1.38
35	1.34	1.25	1.15	1.04	.96	.94	.97	1.05	1.19	1.34	1.43	1.42
40	1.36	1.26	1.14	1.02	.93	.9	.93	1.03	1.18	1.35	1.46	1.45
45	1.37	1.26	1.13	.99	.89	.86	.89	1	1.17	1.36	1.48	1.47
50	1.37	1.25	1.1	.96	.85	.81	.85	.97	1.15	1.35	1.49	1.48
55	1.36	1.23	1.07	.91	.8	.75	.8	.92	1.12	1.34	1.49	1.48
60	1.35	1.21	1.04	.86	.74	.69	.74	.87	1.08	1.32	1.48	1.47
65	1.33	1.18	.99	.81	.68	.63	.68	.82	1.04	1.29	1.46	1.45
70	1.29	1.14	.94	.75	.61	.56	.61	.76	.98	1.25	1.43	1.42
75	1.25	1.09	.89	.69	.54	.49	.54	.69	.93	1.2	1.39	1.39
80	1.21	1.04	.83	.62	.47	.42	.47	.62	.86	1.14	1.34	1.34
85	1.15	.98	.76	.55	.4	.34	.39	.55	.79	1.08	1.29	1.29
90	1.09	.91	.69	.47	.32	.26	.31	.47	.72	1.01	1.22	1.23

Latitud = 39°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.07	1.06	1.04	1.03	1.02	1.01	1.02	1.03	1.05	1.07	1.09	1.08
10	1.14	1.11	1.08	1.05	1.03	1.02	1.03	1.06	1.1	1.14	1.17	1.16
15	1.19	1.16	1.11	1.07	1.03	1.02	1.03	1.07	1.13	1.2	1.24	1.23
20	1.25	1.2	1.14	1.07	1.03	1.01	1.03	1.08	1.16	1.25	1.31	1.29
25	1.29	1.23	1.15	1.07	1.02	1	1.02	1.08	1.18	1.29	1.36	1.35
30	1.33	1.25	1.16	1.07	1	.97	1	1.08	1.19	1.33	1.41	1.4
35	1.35	1.27	1.16	1.05	.97	.94	.98	1.06	1.2	1.35	1.45	1.43
40	1.37	1.27	1.15	1.03	.94	.91	.94	1.04	1.19	1.37	1.48	1.46

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
45	1.38	1.27	1.14	1	.9	.87	.9	1.01	1.18	1.37	1.5	1.48
50	1.39	1.26	1.12	.97	.86	.82	.86	.98	1.16	1.37	1.51	1.5
55	1.38	1.25	1.09	.93	.81	.77	.81	.94	1.13	1.36	1.51	1.5
60	1.37	1.22	1.05	.88	.75	.71	.75	.89	1.1	1.34	1.51	1.49
65	1.35	1.19	1.01	.83	.69	.65	.69	.83	1.05	1.31	1.49	1.47
70	1.32	1.15	.96	.77	.63	.58	.63	.77	1	1.27	1.46	1.45
75	1.28	1.11	.91	.7	.56	.51	.56	.71	.95	1.23	1.42	1.41
80	1.23	1.06	.84	.64	.49	.43	.48	.64	.88	1.17	1.37	1.37
85	1.18	1	.78	.56	.41	.35	.41	.56	.81	1.11	1.32	1.32
90	1.12	.93	.71	.49	.33	.28	.33	.49	.74	1.04	1.25	1.26

Latitud = 40°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.07	1.06	1.05	1.03	1.02	1.01	1.02	1.03	1.05	1.08	1.09	1.09
10	1.14	1.11	1.08	1.05	1.03	1.02	1.03	1.06	1.1	1.14	1.17	1.16
15	1.2	1.16	1.12	1.07	1.03	1.02	1.04	1.08	1.14	1.21	1.25	1.24
20	1.25	1.2	1.14	1.08	1.03	1.02	1.03	1.09	1.17	1.26	1.32	1.3
25	1.3	1.23	1.16	1.08	1.02	1	1.02	1.09	1.19	1.3	1.38	1.36
30	1.34	1.26	1.17	1.07	1.01	.98	1.01	1.09	1.2	1.34	1.43	1.41
35	1.37	1.28	1.17	1.06	.98	.95	.98	1.07	1.21	1.37	1.47	1.45
40	1.39	1.29	1.16	1.04	.95	.92	.95	1.05	1.21	1.39	1.5	1.48
45	1.4	1.29	1.15	1.01	.91	.88	.92	1.03	1.2	1.39	1.52	1.5
50	1.41	1.28	1.13	.98	.87	.83	.87	.99	1.18	1.39	1.54	1.52
55	1.4	1.27	1.1	.94	.82	.78	.82	.95	1.15	1.38	1.54	1.52
60	1.39	1.24	1.07	.89	.77	.72	.77	.9	1.12	1.36	1.53	1.51
65	1.37	1.21	1.03	.84	.71	.66	.71	.85	1.07	1.34	1.51	1.5
70	1.34	1.17	.98	.78	.64	.59	.64	.79	1.02	1.3	1.49	1.47
75	1.3	1.13	.92	.72	.57	.52	.57	.73	.97	1.25	1.45	1.44
80	1.25	1.08	.86	.65	.5	.45	.5	.66	.9	1.2	1.41	1.4
85	1.2	1.02	.8	.58	.43	.37	.42	.58	.84	1.14	1.35	1.35
90	1.14	.95	.73	.5	.35	.29	.34	.5	.76	1.07	1.29	1.29

Latitud = 41°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.07	1.06	1.05	1.03	1.02	1.02	1.02	1.03	1.05	1.08	1..09	1.09
10	1.14	1.12	1.09	1.06	1.03	1.02	1.03	1.06	1.1	1.15	1.18	1.17

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
15	1.21	1.17	1.12	1.07	1.04	1.03	1.04	1.08	1.14	1.21	1.26	1.24
20	1.26	1.21	1.15	1.08	1.04	1.02	1.04	1.09	1.17	1.27	1.33	1.31
25	1.31	1.24	1.17	1.09	1.03	1.01	1.03	1.1	1.2	1.32	1.39	1.37
30	1.35	1.27	1.18	1.08	1.01	.99	1.02	1.09	1.21	1.35	1.44	1.42
35	1.38	1.29	1.18	1.07	.99	.96	.99	1.08	1.22	1.38	1.49	1.47
40	1.4	1.3	1.18	1.05	.96	.93	.96	1.06	1.22	1.4	1.52	1.5
45	1.42	1.3	1.16	1.03	.93	.89	.93	1.04	1.21	1.41	1.55	1.52
50	1.42	1.3	1.14	.99	.88	.84	.88	1.01	1.19	1.41	1.56	1.54
55	1.42	1.28	1.12	.95	.83	.79	.84	.97	1.17	1.41	1.57	1.54
60	1.41	1.26	1.08	.91	.78	.73	.78	.92	1.14	1.39	1.56	1.54
65	1.39	1.23	1.04	.85	.72	.67	.72	.87	1.09	1.36	1.54	1.53
70	1.36	1.19	.99	.8	.66	.61	.66	.81	1.04	1.32	1.52	1.5
75	1.32	1.15	.94	.73	.59	.54	.59	.74	.99	1.28	1.48	1.47
80	1.28	1.1	.88	.67	.52	.46	.52	.67	.93	1.23	1.44	1.43
85	1.23	1.04	.82	.6	.44	.39	.44	.6	.86	1.16	1.38	1.38
90	1.17	.98	.74	.52	.36	.31	.36	.52	.78	1.09	1.32	1.32

Latitud = 42°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.08	1.06	1.05	1.03	1.02	1.02	1.02	1.04	1.06	1.08	1.09	1.09
10	1.15	1.12	1.09	1.06	1.04	1.03	1.04	1.06	1.11	1.15	1.18	1.17
15	1.21	1.17	1.13	1.08	1.04	1.03	1.04	1.09	1.15	1.22	1.26	1.25
20	1.27	1.21	1.15	1.09	1.04	1.03	1.05	1.1	1.18	1.28	1.34	1.32
25	1.32	1.25	1.17	1.09	1.04	1.01	1.04	1.1	1.21	1.33	1.4	1.38
30	1.36	1.28	1.19	1.09	1.02	1	1.02	1.1	1.23	1.37	1.46	1.44
35	1.39	1.3	1.19	1.08	1	.97	1	1.09	1.23	1.4	1.51	1.48
40	1.42	1.31	1.19	1.06	.97	.94	.97	1.08	1.24	1.42	1.54	1.52
45	1.43	1.32	1.18	1.04	.94	.9	.94	1.05	1.23	1.43	1.57	1.54
50	1.44	1.31	1.16	1	.89	.86	.9	1.02	1.21	1.44	1.59	1.56
55	1.44	1.3	1.13	.97	.85	.8	.85	.98	1.19	1.43	1.59	1.57
60	1.43	1.28	1.1	.92	.79	.75	.8	.93	1.15	1.41	1.59	1.57
65	1.41	1.25	1.06	.87	.74	.69	.74	.88	1.11	1.39	1.57	1.55
70	1.38	1.21	1.01	.81	.67	.62	.67	.82	1.07	1.35	1.55	1.53
75	1.35	1.17	.96	.75	.6	.55	.6	.76	1.01	1.31	1.52	1.5
80	1.3	1.12	.9	.68	.53	.48	.53	.69	.95	1.25	1.47	1.46
85	1.25	1.06	.83	.61	.46	.4	.46	.62	.88	1.19	1.42	1.41
90	1.19	1	.76	.54	.38	.32	.38	.54	.81	1.12	1.36	1.35

Latitud = 43°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.08	1.07	1.05	1.03	1.02	1.02	1.02	1.04	1.06	1.08	1.1	1.09
10	1.15	1.12	1.09	1.06	1.04	1.03	1.04	1.07	1.11	1.16	1.19	1.18
15	1.22	1.18	1.13	1.08	1.05	1.03	1.05	1.09	1.15	1.23	1.27	1.26
20	1.28	1.22	1.16	1.09	1.05	1.03	1.05	1.1	1.19	1.29	1.35	1.33
25	1.33	1.26	1.18	1.1	1.04	1.02	1.04	1.11	1.22	1.34	1.42	1.4
30	1.37	1.29	1.2	1.1	1.03	1	1.03	1.11	1.24	1.38	1.48	1.45
35	1.41	1.31	1.2	1.09	1.01	.98	1.01	1.1	1.25	1.42	1.52	1.5
40	1.43	1.33	1.2	1.07	.98	.95	.98	1.09	1.25	1.44	1.56	1.54
45	1.45	1.33	1.19	1.05	.95	.91	.95	1.06	1.24	1.45	1.59	1.57
50	1.46	1.33	1.17	1.02	.91	.87	.91	1.03	1.23	1.46	1.61	1.58
55	1.46	1.32	1.15	.98	.86	.82	.86	1	1.21	1.45	1.62	1.59
60	1.45	1.3	1.12	.94	.81	.76	.81	.95	1.17	1.44	1.62	1.59
65	1.43	1.27	1.08	.89	.75	.7	.75	.9	1.13	1.41	1.61	1.58
70	1.41	1.23	1.03	.83	.69	.64	.69	.84	1.09	1.38	1.58	1.56
75	1.37	1.19	.98	.77	.62	.57	.62	.78	1.03	1.34	1.55	1.53
80	1.33	1.14	.92	.7	.55	.49	.55	.71	.97	1.28	1.51	1.49
85	1.28	1.08	.85	.63	.47	.42	.47	.64	.9	1.22	1.45	1.44
90	1.22	1.02	.78	.56	.4	.34	.39	.56	.83	1.16	1.39	1.38

Latitud = 44°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.08	1.07	1.05	1.04	1.02	1.02	1.02	1.04	1.06	1.09	1.1	1.1
10	1.16	1.13	1.1	1.06	1.04	1.03	1.04	1.07	1.11	1.16	1.19	1.18
15	1.22	1.18	1.13	1.09	1.05	1.04	1.05	1.09	1.16	1.23	1.28	1.27
20	1.28	1.23	1.17	1.1	1.05	1.04	1.06	1.11	1.2	1.3	1.36	1.34
25	1.34	1.27	1.19	1.11	1.05	1.03	1.05	1.12	1.23	1.35	1.43	1.41
30	1.38	1.3	1.2	1.11	1.04	1.01	1.05	1.12	1.25	1.4	1.49	1.47
35	1.42	1.32	1.21	1.1	1.02	.99	1.02	1.11	1.26	1.43	1.54	1.52
40	1.45	1.34	1.21	1.08	.99	.96	1	1.1	1.26	1.46	1.59	1.56
45	1.47	1.35	1.2	1.06	.96	.92	.96	1.08	1.26	1.48	1.62	1.59
50	1.48	1.34	1.19	1.03	.92	.88	.92	1.05	1.25	1.48	1.64	1.61
55	1.48	1.33	1.16	.99	.87	.83	.88	1.01	1.22	1.48	1.65	1.62
60	1.47	1.32	1.13	.95	.82	.78	.82	.97	1.19	1.47	1.65	1.62
65	1.46	1.29	1.09	.9	.76	.72	.77	.92	1.16	1.44	1.64	1.61
70	1.43	1.26	1.05	.85	.7	.65	.7	.86	1.11	1.41	1.62	1.59

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
75	1.4	1.21	1	.78	64	.58	.64	.8	1.06	1.37	1.59	1.56
80	1.36	1.16	.94	.72	.56	.51	.56	.73	.99	1.32	1.54	1.52
85	1.31	1.11	.87	.65	.49	.43	.49	.66	.93	1.26	1.49	1.48
90	1.25	1.04	.8	.57	.41	.35	.41	.58	.85	1.19	1.43	1.42

Latitud = 45°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.08	1.07	1.05	1.04	1.03	1.02	1.03	1.04	1.06	1.09	1.1	1.1
10	1.16	1.13	1.1	1.07	1.04	1.04	1.05	1.07	1.12	1.17	1.2	1.19
15	1.23	1.19	1.14	1.09	1.05	1.04	1.06	1.1	1.17	1.24	1.29	1.27
20	1.29	1.24	1.17	1.11	1.06	1.04	1.06	1.12	1.21	1.31	1.37	1.35
25	1.35	1.28	1.2	1.11	1.06	1.03	1.06	1.13	1.24	1.36	1.45	1.42
30	1.4	1.31	1.21	1.12	1.04	1.02	1.05	1.13	1.26	1.41	1.51	1.48
35	1.43	1.34	1.22	1.11	1.03	1.	1.03	1.12	1.27	1.45	1.56	1.53
40	1.46	1.35	1.22	1.09	1	.97	1.01	1.11	1.28	1.48	1.61	1.58
45	1.49	1.36	1.22	1.07	.97	.93	.97	1.09	1.28	1.5	1.64	1.61
50	1.5	1.36	1.2	1.04	.93	.89	.94	1.6	1.26	1.51	1.67	1.63
55	1.5	1.35	1.18	1.01	.89	.84	.89	1.03	1.24	1.5	1.68	1.65
60	1.5	1.34	1.15	.97	.84	.79	.84	.98	1.21	149	1.68	1.65
65	1.48	1.31	1.11	.92	.78	.73	.78	.93	1.18	1.47	1.67	1.64
70	1.46	1.28	1.07	.86	.72	.67	.72	.88	1.13	144	1.65	1.62
75	1.43	1.24	1.02	.8	.65	.6	.65	.82	1.08	1.4	1.62	1.6
80	1.38	1.19	.96	.74	.58	.53	.58	.75	1.02	1.35	1.58	1.56
85	1.33	1.13	.89	.66	.51	.45	.51	.67	.95	1.29	1.53	1.51
90	1.28	1.07	.82	.59	.43	.37	.43	.6	.88	1.22	1.47	1.45

Latitud = 46°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.08	1.07	1.06	1.04	1.03	1.02	1.03	1.04	1.06	1.09	1.11	1.1
10	1.16	1.14	1.1	1.07	1.05	1.04	1.05	1.08	1.12	1.17	1.21	1.19
15	1.24	1.19	1.14	1.09	1.06	1.05	1.06	1.1	1.17	1.25	1.3	1.28
20	1.3	1.24	1.18	1.11	1.06	1.05	1.07	1.12	1.21	1.32	1.38	1.36
25	1.36	1.29	1.21	1.12	1.06	1.04	1.07	1.14	1.25	1.38	1.46	1.44
30	1.41	1.32	1.22	1.12	1.05	1.03	1.06	1.14	1.27	1.43	1.53	1.5
35	1.45	1.35	1.23	1.12	1.04	1.01	1.04	1.14	1.29	1.47	1.59	1.55
40	1.48	1.37	1.24	1.11	1.01	.98	1.02	1.12	1.3	1.5	1.63	1.6

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
45	1.5	1.38	1.23	1.08	.98	.95	.99	1.1	1.29	1.52	1.67	1.63
50	1.52	1.38	1.22	1.06	.94	.9	.95	1.08	1.28	1.53	1.7	1.66
55	1.52	1.37	1.2	1.02	.9	.86	.9	1.04	1.26	1.53	1.71	1.67
60	1.52	1.36	1.17	.98	.85	.8	.85	1	1.24	1.52	1.72	1.68
65	1.51	1.33	1.13	.93	.79	.75	.8	.95	1.2	1.5	1.71	1.67
70	1.48	1.3	1.09	.88	.73	.68	.74	.9	1.15	1.47	1.69	1.66
75	1.45	1.26	1.04	.82	.67	.61	.67	.83	1.1	1.43	1.66	1.63
80	1.41	1.21	.98	.75	.6	.54	.6	.77	1.04	1.38	1.62	1.59
85	1.36	1.16	.91	.68	.52	.47	.52	.69	.98	1.32	1.57	1.55
90	1.31	1.09	.85	.61	.45	.39	.44	.62	.9	1.25	1.51	1.49

Latitud = 47°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.09	1.07	1.06	1.04	1.03	1.02	1.03	1.04	1.07	1.09	1.11	1.1
10	1.17	1.14	1.11	1.07	1.05	1.04	1.05	1.08	1.13	1.18	1.21	1.2
15	1.24	1.2	1.15	1.1	1.06	1.05	1.07	1.11	1.18	1.26	1.31	1.29
20	1.31	1.25	1.19	1.12	1.07	1.05	1.07	1.13	1.22	1.33	1.4	1.37
25	1.37	1.3	1.21	1.13	1.07	1.05	1.07	1.14	1.26	1.39	1.48	1.45
30	1.42	1.33	1.23	1013	1.06	1.04	1.07	1.15	1.28	1.44	1.55	1.52
35	1.46	1.36	1.25	1.13	1.05	1.02	1.05	1.15	1.3	1.49	1.61	1.57
40	1.5	1.38	1.25	1.12	1.02	.99	1.03	1.14	1.31	1.52	1.66	1.62
45	1.52	1.39	1.25	1.1	.99	.96	1	1.12	1.31	1.54	1.7	1.66
50	1.54	1.4	1.23	1.07	.96	.92	.96	1.09	1.3	1.56	1.73	1.69
55	1.55	1.39	1.21	1.04	.91	.87	.92	1.06	1.28	1.56	1.74	1.7
60	1.54	1.38	1.18	1	.86	.82	.87	1.02	1.26	1.55	1.75	1.71
65	1.53	1.35	1.15	.95	.81	.76	.81	.97	1.22	1.53	1.74	1.71
70	1.51	1.321	1.11	.89	.75	.7	.75	.91	1.18	1.5	1.73	1.69
75	1.48	1.28	1.06	.84	.68	.63	.69	.85	1.13	1.46	1.7	1.67
80	1.44	1.23	1	.77	.61	.56	.61	.79	1.07	1.42	1.66	1.63
85	1.39	1.18	.94	.7	.54	.48	.54	.71	1	1.36	1.61	1.58
90	1.34	1.12	.87	.63	.46	.4	.46	.64	.93	1.29	1.55	1.53

Latitud = 48°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.09	1.07	1.06	1.04	1.03	1.03	1.03	1.05	1.07	1.1	1.11	1.11
10	1.17	1.14	1.11	1.08	1.05	1.04	1.05	1.08	1.13	1.19	1.22	1.21

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
15	1.2	1.2	1015	1.1	1.07	1.06	1.07	1.11	1.18	1.27	1.32	1.3
20	1.32	1.26	1.19	1.12	1.08	1.06	1.08	1.14	1.23	1.34	1.41	1.39
25	1.38	1.31	1.22	1.14	1.08	1.06	1.08	1.15	1.27	1.41	1.49	1.46
30	1.43	1.34	1.24	1.14	1.07	1.04	1.07	1.16	1.3	1.46	1.57	1.53
35	1.48	1.37	1.26	1.14	1.06	1.03	1.06	1.16	1.32	1.51	1.63	1.59
40	1.52	1.4	1.26	1.13	1.03	1	1.04	1.15	1.33	1.54	1.68	1.64
45	1.54	1.41	1.26	1.11	1	.97	1.01	1.13	1.33	1.57	1.73	1.68
50	1.56	1.41	1.25	1.08	.97	.93	.97	1.11	1.32	1.58	1.76	1.71
55	1.57	1.41	1.23	1.05	.93	.88	.93	1.07	1.31	1.59	1.78	1.73
60	1.57	1.4	1.2	1.01	.88	.83	.88	1.03	1.28	1.58	1.79	1.74
65	1.56	1.38	1.17	.97	.82	.78	.83	.99	1.25	1.56	1.78	1.74
70	1.54	1.34	1.13	.91	.76	.71	.77	.93	1.2	1.54	1.77	1.73
75	1.51	1.31	1.08	.85	.7	.65	..7	.87	1.15	1.5	1.74	1.7
80	1.47	1.26	1.02	.79	.63	.57	.63	.81	1.09	1.45	1.7	1.67
85	1.42	1.21	.96	.72	.56	.5	.56	.73	1.03	1.39	1.66	1.62
90	1.37	1.14	.89	.65	.48	.42	.48	.66	.95	1.33	1.6	1.57

Latitud = 49°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.09	1.08	1.06	1.04	1.03	1.03	1.03	1.05	1.07	1.1	1.12	1.11
10	1.18	1.15	1.11	1.08	1.06	1.05	1.06	1.09	1.13	1.19	1.23	1.21
15	1.26	1.21	1.16	1.11	1.07	1.06	1.08	1.12	1.19	1.28	1.33	1.31
20	1.33	1.27	1.2	1.13	1.08	1.06	1.09	1.14	1.24	1.35	1.43	1.4
25	1.39	1.32	1.23	1.14	1.08	1.06	1.09	1.16	1.28	1.42	1.51	1.48
30	1.45	1.36	1.25	1.15	1.8	1.05	1.08	1.17	1.31	1.48	1.59	1.55
35	1.5	1.39	1.27	1.15	1.06	1.04	1.07	1.17	1.33	1.53	1.66	1.61
40	1.53	1.41	1.28	1.14	1.04	1.01	1.05	1.16	1.34	1.57	1.71	1.67
45	1.56	1.43	1.27	1.12	1.02	.98	1.02	1.15	1.35	1.59	1.76	1.71
50	1.58	1.43	1.26	1.1	.98	.94	.99	1.12	1.34	1.61	1.79	1.74
55	1.59	1.43	1.25	1.07	.94	.9	.95	1.09	1.33	1.62	1.81	1.76
60	1.59	1.42	1.22	1.03	.89	.85	.9	1.05	1.3	1.61	1.82	1.77
65	1.59	1.4	1.19	.98	.84	.79	.84	1	1.27	1.6	1.82	1.77
70	1.57	1.37	1.15	.93	.78	.73	.78	.95	1.23	1.57	1.81	1.76
75	1.54	1.33	1.1	.87	.72	.66	.72	.89	1.18	1.53	1.79	1.74
80	1.5	1.29	1.04	.81	.65	.59	.65	.83	1.12	1.49	1.75	1.71
85	1.45	1.23	.98	.74	.57	.52	.57	.75	1.05	1.43	1.7	1.66
90	1.4	1.17	.91	.66	.5	.44	.5	.68	.98	1.36	1.64	1.61

Latitud = 50°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.09	1.08	1.06	1.04	1.03	1.03	1.03	1.05	1.07	1.1	1.12	1.11
10	1.18	1.15	1.12	1.08	1.06	1.05	1.06	1.09	1.14	1.2	1.23	1.22
15	1.26	1.22	1.17	1.11	1.08	1.06	1.08	1.12	1.2	1.29	1.34	1.32
20	1.34	1.28	1.21	1.14	1.9	1.07	1.09	1.15	1.25	1.37	1.44	1.41
25	1.4	1.33	1.24	1.15	1.09	1.07	1.1	1.17	1.29	1.44	1.53	1.49
30	1.46	1.7	1.26	1.16	1.09	1.06	1.09	1.18	1.32	1.5	1.61	1.57
35	1.51	1.4	1.28	1.16	1.07	1.05	1.08	1.18	1.35	1.55	1.68	1.64
40	1.55	1.43	1.29	1.15	1.06	1.032	1.06	1.17	1.6	1.59	1.74	1.69
45	1.58	1.44	1.29	1.14	1.03	.99	1.04	1.16	1.37	1.62	1.79	1.74
50	1.61	1.45	1.28	1.11	1	.96	1	1.14	1.36	1.64	1.83	1.77
55	1.62	1.45	1.26	1.08	.96	.91	.96	1.11	1.35	1.65	1.85	1.8
60	1.62	1.44	1.24	1.04	.91	.86	.91	1.07	1.33	1.65	1.86	1.81
65	1.61	1.42	1.21	1	.86	.81	.86	1.02	1.29	1.63	1.86	1.81
70	1.6	1.39	1.17	.95	.8	.74	.8	.97	1.25	1.61	1.85	1.8
75	1.57	1.36	1.12	.89	.73	.68	.74	.91	1.2	1.57	1.83	1.78
80	1.53	1.31	1.06	.83	.66	.61	.67	.85	1.15	1.53	1.8	1.75
85	1.49	1.26	1	.76	.59	.53	.59	.78	1.08	1.47	1.75	1.71
90	1.43	1.2	.93	.68	.51	.45	.51	.7	1.01	1.4	1.69	1.65

Latitud = 51°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.1	1.08	1.06	1.05	1.03	1.03	1.04	1.05	1.08	1.11	1.12	1.12
10	1.19	1.16	1.12	1.09	1.06	1.05	1.06	1.09	1.14	1.2	1.24	1.23
15	1.7	1.22	1.17	1.12	1.08	1.07	1.08	1.13	1.2	1.3	1.35	1.33
20	1.35	1.28	1.21	1.14	1.09	1.08	1.1	1.16	1.26	1.38	1.46	1.42
25	1.42	1.34	1.25	1.16	1.1	1.08	1.1	1.18	1.3	1.45	1.55	1.51
30	1.48	1.38	1.28	1.17	1.09	1.07	1.1	1.19	1.34	1.52	1.63	1.59
35	1.53	1.42	1.29	1.17	1.08	1.06	1.09	1.19	1.36	1.57	1.71	1.66
40	1.57	1.44	1.3	1.16	1.07	1.03	1.07	1.19	1.38	1.61	1.77	1.725
45	1.61	1.46	1.31	1.15	1.04	1	1.05	1.18	1.39	1.65	1.82	1.77
50	1.63	1.47	1.3	1.13	1.01	.97	1.02	1.15	1.38	1.67	1.86	1.8
55	1.64	1.47	1.28	1.1	.97	.93	.98	1.12	1.37	1.68	1.89	1.83
60	1.65	1.46	1.26	1.06	.92	.88	.93	1.09	1.35	1.68	1.9	1.84
65	1.64	1.45	1.23	1.02	.87	.82	.88	1.04	1.32	1.67	1.91	1.85
70	1.63	1.42	1.19	.97	.81	.76	.82	.99	1.28	1.64	1.9	1.84

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
75	1.6	1.38	1.14	.91	.75	.69	.75	.93	1.23	1.61	1.88	1.82
80	1.57	1.34	1.9	.85	.68	.62	.68	.87	1.17	1.57	1.84	1.79
85	1.52	1.29	1.02	.78	.61	.55	.61	.8	1.11	1.51	1.8	1.75
90	1.47	1.23	.96	.7	.53	.47	.53	.72	1.04	1.45	1.74	1.7

Latitud = 52°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.1	1.08	1.07	1.05	1.04	1.03	1.04	1.05	1.08	1.11	1.13	1.12
10	1.19	1.16	1.12	1.09	1.06	1.06	1.07	1.1	1.15	1.21	1.25	1.23
15	1.28	1.23	1.18	1.12	1.09	1.07	1.09	1.14	1.21	1.31	1.36	1.34
20	1.36	1.29	1.22	1.15	1.1	1.08	1.1	1.17	1.27	1.39	1.47	1.44
25	1.43	1.35	1.26	1.17	1.1	1.08	1.11	1.19	1.31	1.47	1.57	1.53
30	1.49	1.39	1.29	1.18	1.1	1.08	1.11	1.2	1.35	1.54	1.66	1.61
35	1.55	1.43	1.31	1.18	1.09	1.06	1.1	1.21	1.38	1.59	1.73	1.98
40	1.59	1.46	1.32	1.18	1.08	1.04	1.08	1.2	1.4	1.64	1.8	1.74
45	1.63	1.48	1.32	1.16	1.05	1.02	1.06	1.19	1.41	1.68	1.86	1.79
50	1.65	1.49	1.32	1.14	1.05	.98	1.03	1.17	1.41	1.7	1.9	1.84
55	1.67	1.49	1.3	1.11	.98	.94	.99	1.14	1.39	1.71	1.93	1.86
60	1.68	1.49	1.28	1.08	.94	.89	.95	1.11	1.38	1.72	1.95	1.88
65	1.67	1.47	1.25	1.03	.89	.84	.89	1.06	1.35	1.71	1.95	1.89
70	1.66	1.44	1.21	.98	.83	.78	.84	1.01	1.31	1.68	1.95	1.88
75	1.63	1.41	1.16	.93	.77	.71	.77	.95	1.26	1.65	1.93	1.86
80	1.6	1.37	1.11	.86	.7	.64	.7	.89	1.2	1.61	1.9	1.84
85	1.56	1.31	1.05	.8	.63	.57	.63	.82	1.14	1.55	1.85	1.8
90	1.5	1.26	.98	.72	.55	.49	.55	.74	1.07	1.49	1.8	1.74

Latitud = 53°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.1	1.09	1.07	1.05	1.04	1.03	1.04	1.05	1.08	1.11	1.13	1.12
10	1.2	1.16	1.13	1.09	1.07	1.06	1.07	1.1	1.15	1.22	1.26	1.24
15	1.29	1.24	1.18	1.13	1.09	1.08	1.09	1.14	1.22	1.32	1.38	1.35
20	1.37	1.3	1.23	1.16	1.1	1.09	1.11	1.17	1.28	1.41	1.49	1.45
25	1.44	1.36	1.27	1.18	1.11	1.09	1.12	1.2	1.33	1.49	1.59	1.55
30	1.51	1.41	1.3	1.19	1.11	1.09	1.12	1.21	1.36	1.56	1.68	1.63
35	1.57	1.45	1.32	1.19	1.1	1.07	1.11	1.22	1.9	1.62	1.76	1.71
40	1.61	1.48	1.33	1.19	1.09	1.06	1.1	1.22	1.42	1.67	1.83	1.77

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
45	1.65	1.5	1.34	1.8	1.07	1.03	1.07	1.21	1.43	1.71	1.89	1.83
50	1.68	1.51	1.33	1.16	1.04	.99	1.04	1.19	1.43	1.73	1.94	1.87
55	1.7	1.52	1.32	1.13	1	.95	1.01	1.16	1.42	1.75	1.97	1.9
60	1.71	1.51	1.3	1.09	.95	.9	.96	1.13	1.4	1.75	1.99	1.92
65	1.7	1.5	1.27	1.05	.9	.85	.91	1.08	1.37	1.74	2	1.93
70	1.69	1.47	1.23	1	.85	.79	.85	1.03	1.34	1.72	2	1.93
75	1.67	1.44	1.19	.95	.78	.73	.79	.97	1.29	1.69	1.98	1.91
80	1.63	1.4	1.13	.88	.72	.66	.72	.91	1.23	1.65	1.95	1.88
85	1.59	1.34	1.07	.82	.64	.59	.65	.84	1.17	1.6	1.91	1.84
90	1.54	1.29	1.01	.74	.57	.51	.57	.77	1.1	1.53	1.85	1..79

Latitud = 54°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.1	1.09	1.07	1.07	1.04	1.03	1.04	1.06	1.08	1.12	1.14	1.13
10	1.2	1.17	1.13	1.13	1.07	1.06	1.07	1.11	1.16	1.23	1.27	1.25
15	1.29	1.24	1.19	1.19	1.09	1.08	1.1	1.15	1.23	1.33	1.69	1.36
20	1.38	1.31	1.24	1.24	1.11	1.09	1.12	1.18	1.29	1.42	1.51	1.47
25	1.46	1.37	1.28	1.28	1.12	1.1	1.13	1.21	1.34	1.5	1.61	1.56
30	1.52	1.42	1.31	1.31	1.12	1.1	1.13	1.22	1.38	1.58	1.71	1.65
35	1.58	1.46	1.33	1.33	1.11	1.09	1.12	1.23	1.41	1.64	1.79	1.73
40	1.63	1.5	1.35	1.35	1.1	1.07	1.11	1.23	1.43	1.69	1.87	1.8
45	1.68	1.52	1.35	1.35	1.08	1.04	1.09	1.22	1.45	1.74	1.93	1.86
50	1.71	1.54	1.35	1.35	1.05	1.01	1.06	1.2	1.45	1.77	1.98	1.9
55	1.73	1.54	1.34	1.34	1.01	.97	1.02	118	1.44	1.78	2.02	1.94
60	1.74	1.54	1.32	1.32	.97	.92	.98	1.14	1.43	1.79	2.04	1.96
65	1.74	1.52	1.29	1.29	.92	.87	.93	101	1.4	1.78	2.05	1.97
70	1.72	1.5	1.25	1.25	.86	.81	.87	1.05	1.36	1.77	2.05	1.97
75	1.7	1.47	1.21	1.21	.8	.75	.81	1	1.32	1.74	2.03	1.96
80	1.67	1.42	1.16	1.16	.74	.68	.74	.93	1.26	1.7	2.01	1.93
85	1.63	1.37	1.1	1.1	.66	.6	.67	.86	1.2	1.64	1.96	1.89
90	1.58	1.32	1.03	1.03	.59	.53	.59	.79	1.13	1.58	1.91	1.84

Latitud = 55°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.11	1.09	1.07	1.05	1.04	1.04	1.04	1.06	1.09	1.12	1.14	1.13
10	1.21	1.17	1.14	1.1	1.07	1.06	1.08	1.11	1.16	1.23	1.28	1.25

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
15	1.3	1.25	1.19	1.14	1.1	1.09	1.1	1.15	1.23	1.34	1.4	1.37
20	1.39	1.32	1.24	1.17	1.12	1.1	1.12	1.19	1.3	1.44	1.52	1.48
25	1.47	1.38	1.29	1.19	1.13	1.11	1.13	1.21	1.65	1.52	1.63	1.58
30	1.54	1.43	1.32	1.2	1.13	1.1	1.14	1.23	1.39	1.6	1.74	1.68
35	1.6	1.48	1.35	1.22	1.13	1.1	1.13	1.24	1.43	1.67	1.83	1.76
40	1.66	1.51	1.66	1.21	1.11	1.08	1.12	1.24	1.45	1.72	1.9	1.83
45	1.7	1.54	1.37	1.21	1.09	1.05	1.1	1.24	1.47	1.77	1.97	1.89
50	1.73	1.56	1.37	1.19	1.06	1.02	1.07	1.22	1.47	1.8	2.02	1.94
55	1.76	1.56	1.36	1.16	1.03	.98	1.04	1.2	1347	1.82	2.06	1.98
60	1.77	1.56	1.34	1.13	.99	.94	.99	1.16	1.45	1.83	2.09	2
65	1.77	1.55	1.31	1.09	.94	.89	.95	1.12	1.43	1.83	2.1	2.02
70	1.76	1.53	1.28	1.04	.88	.83	.89	1.08	1.39	1.81	2.11	2.02
75	1.74	1.5	1.23	.99	.82	.76	.83	1.02	1.35	1.78	2.9	2.01
80	1.71	1.46	1.18	.93	.75	.7	.76	.96	1.3	1.74	2.07	1.98
85	1.67	1.41	1.12	.86	.68	.62	.69	.89	1.23	1.69	2.02	1.95
90	1.62	1.35	1.06	.79	.61	.54	.61	.81	1.16	1.63	1.97	1.9

Latitud = 56°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.11	1.09	1.07	1.05	1.04	1.04	1.04	1.06	1.09	1.12	1.15	1.13
10	1.21	1.18	1.14	1.1	1.08	1.07	1.08	1.11	1.17	1.24	1.29	1.26
15	1.31	1.26	1.2	1.14	1.1	1.09	1.11	1.16	1.24	1.35	1.42	1.38
20	1.4	1.33	1.25	1.18	1.12	1.11	1.13	1.2	1.31	1.45	1.54	1.5
25	1.48	1.39	1.3	1.2	1.14	1.11	1.14	1.22	1.36	1.54	1.66	1.6
30	1.56	1.45	1.33	1.22	1.14	1.11	1.15	1.24	1.41	1.62	1.76	1.7
35	1.62	1.5	1.36	1.23	1.14	1.11	1.14	1.26	1.45	1.7	1.86	1.79
40	1.68	1.53	1.38	1.23	1.12	1.09	1.13	1.26	1.48	1.75	1.94	1.86
45	1.73	1.56	1.39	1.22	1.11	1.07	1.11	1.25	1.49	1.8	2.01	1.93
50	1.76	1.58	1.39	1.2	1.08	1.04	1.09	1.24	1.5	1.84	2.07	1.98
55	1.79	1.59	1.38	1.18	1.04	1	1.05	1.22	1.5	1.86	2.11	2.02
60	1.8	1.59	1.36	1.15	1	.95	1.01	1.18	1.48	1.87	2.14	2.05
65	1.8	1.58	1.34	1.11	.95	.9	.96	1.15	1.46	1.87	2.16	2.06
70	1.8	1.56	1.3	1.06	.9	.85	.91	1.1	1.43	1.86	2.16	2.07
75	1.78	1.53	1.26	1.01	.84	.78	.85	1.04	1.38	1.83	2.15	2.06
80	1.75	1.49	1.21	.95	.77	.71	.78	.98	1.33	1.79	2.13	2.03
85	1.71	1.44	1.15	.88	.7	.64	.71	.91	1.27	1.74	2.09	2
90	1.66	1.38	1.08	.81	.63	.56	.63	.84	1.2	1.68	2.04	1.95

Latitud = 57°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.11	1.09	1.08	1.06	1.04	1.04	1.05	1.06	1.09	1.13	1.15	1.14
10	1.22	1.18	1.14	1.11	1.08	1.7	1.08	1.12	1.18	1.25	1.3	1.27
15	1.32	1.26	1.21	1.15	1.11	1.1	1.11	1.16	1.25	1.36	1.43	1.4
20	1.41	1.34	1.26	1.18	1.13	1.11	1.14	1.2	1.32	1.47	1.56	1.51
25	1.5	1.41	1.31	1.21	1.14	1.12	1.15	1.23	1.38	1.56	1.68	1.62
30	1.58	1.46	1.35	1.23	1.15	1.12	1.16	1.26	1.43	1.65	1.8	1.72
35	1.65	1.51	1.37	1.24	1.15	1.12	1.16	1.27	1.47	1.72	1.89	1.82
40	1.7	1.55	1.4	1.24	1.14	1.1	1.15	1.27	1.5	1.79	1.98	1.89
45	1.75	1.58	1.41	1.24	1.12	1.08	1.13	1.27	1.52	1.84	2.6	1.96
50	1.79	1.6	1.41	1.22	1.09	1.05	1.1	1.26	1.53	1.88	2.12	2.02
55	1.82	1.62	1.4	1.2	1.06	1.01	1.07	1.24	1.52	1.9	2.17	2.06
60	1.83	1.62	1.39	1.17	1.02	.97	1.03	1.21	1.51	1.92	2.2	2.09
65	1.84	1.61	1.36	1.13	.97	.92	.98	1.17	1.49	1.92	2.22	2.11
70	1.83	1.59	1.33	1.08	.92	.86	.93	1.12	1.46	1.91	21.23	2.12
75	1.82	1.56	1.29	1.03	.86	.8	.87	1.07	1.41	1.88	2.22	2.11
80	1.79	1.52	1.23	.97	.79	.73	.8	1	1.36	1.84	2.19	2.09
85	1.75	1.47	1.18	.9	.72	.66	.73	.94	1.3	1.8	2.16	2.06
90	1.7	1.41	1.11	.83	.64	.58	.65	.86	1.23	1.73	2.11	2.01

Latitud = 58°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.12	1.1	1.08	1.06	1.05	1.04	1.05	1.06	1.09	1.13	1.16	1.14
10	1.23	1.19	1.15	1.11	1.08	1.07	1.09	1.12	1.18	1.26	1.31	1.28
15	1.33	1.27	1.21	1.15	1.11	1.1	1.12	1.17	1.26	1.38	1.45	1.41
20	1.43	1.35	1.27	1.19	1.14	1.12	1.14	1.21	1.33	1.49	1.59	1.53
25	1.52	1.42	1.32	1.22	1.15	1.13	1.16	1.24	1.39	1.59	1.71	1.65
30	1.6	1.48	1.36	1.24	1.16	1.13	1.17	1.27	1.44	1.68	1.83	1.75
35	1.67	1.53	1.39	1.25	1.16	1.13	1.17	1.28	1.49	1.75	1.93	1.85
40	1.73	1.57	1.41	1.26	1.15	1.11	1.16	1.29	1.52	1.82	2.02	1.93
45	1.78	1.61	1.43	1.25	1.13	1.09	1.14	1.29	1.54	1.88	2.1	2
50	1.82	1.63	1.43	1.24	1.11	1.07	1.12	1.28	1.55	1.92	2.17	2.06
55	1.85	1.64	1.42	1.22	1.08	1.03	1.09	1.26	1.55	1.95	2.22	2.11
60	1.87	1.64	1.41	1.19	1.04	.99	1.05	1.23	1.54	1.96	2.26	2.14
65	1.88	1.64	1.39	1.15	.99	.94	1	1.19	1.52	1.97	2.28	2.17
70	1.87	1.62	1.35	1.1	.94	.88	.95	1.14	1.49	1.96	2.29	2.17

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
75	1.86	1.59	1.31	1.05	.88	.82	.89	1.09	1.45	1.94	2.28	2.17
80	1.83	1.55	1.26	.99	.81	.75	.82	1.03	1.4	1.9	2.26	2.15
85	1.79	1.51	1.2	.92	.74	.68	.75	.96	1.34	1.85	2.23	2.12
90	1.74	1.45	1.14	.85	.66	.6	.67	.89	1.27	1.79	2.18	2.07

Latitud = 59°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.12	1.1	1.08	1.06	1.05	1.04	1.05	1.07	1.1	1.14	1.16	1.15
10	1.23	1.19	1.15	1.11	1.09	1.08	1.09	1.13	1.19	1.27	1.32	1.29
15	1.34	1.28	1.22	1.16	1.12	1.11	1.12	1.18	1.27	1.39	1.47	1.42
20	1.44	1.36	1.28	1.2	1.14	1.13	1.15	1.22	1.34	1.5	1.61	1.55
25	1.53	1.43	1.33	1.23	1.16	1.14	1.17	1.26	1.41	1.61	1.74	1.67
30	1.62	1.5	1.37	1.25	1.17	1.14	1.18	1.28	1.46	1.7	1.86	1.78
35	1.69	1.55	1.41	1.26	1.17	1.14	1.18	1.3	1.51	1.79	1.97	1.88
40	1.75	1.59	1.43	1.27	1.16	1.13	1.17	1.31	1.54	1.86	2.07	1.97
45	1.81	1.63	1.44	1.27	1.15	1.11	1.16	1.31	1.57	1.92	2.15	2.04
50	1.85	1.65	1.45	1.25	1.12	1.08	1.13	1.3	1.58	1.96	2.22	2.11
55	1.88	1.67	1.45	1.23	1.09	1.05	1.1	1.28	1.58	1.99	2.28	2.16
60	1.91	1.67	1.43	1.21	1.05	1	1.06	1.25	1.57	2.01	2.32	2.2
65	1.91	1.67	1.41	1.17	1.01	.95	1.02	1.21	1.55	2.02	2.35	2.22
70	1.91	1.65	1.38	1.12	.95	.9	.97	1.17	1.52	2.01	2.36	2.23
75	1.9	1.62	1.34	1.07	.9	.84	.91	1.11	1.48	1.99	2.36	2.23
80	1.87	1.59	1.29	1.01	.83	.77	.84	1.05	1.43	1.96	2.34	2.21
85	1.84	1.54	1.23	.95	.76	.7	.77	.99	1.37	1.91	2.3	2.18
90	1.79	1.49	1.17	.88	.69	.62	.69	.91	1.3	1.85	2.26	2.14

Latitud = 60°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.12	1.1	1.08	1.06	1.05	1.04	1.05	1.07	1.1	1.14	1.17	1.15
10	1.24	1.2	1.16	1.12	1.09	1.08	1.09	1.13	1.19	1.28	1.33	1.3
15	1.35	1.29	1.23	1.17	1.12	1.11	1.13	1.18	1.28	1.41	1.49	1.44
20	1.35	1.37	1.29	1.21	1.15	1.13	1.16	1.23	1.36	1.52	1.63	1.57
25	1.45	1.45	1.34	1.24	1.17	1.15	1.18	1.27	1.42	1.63	1.77	1.69
30	1.55	1.51	1.39	1.26	1.18	1.15	1.19	1.29	1.48	1.73	1.9	1.81
35	1.64	1.57	1.42	1.28	1.18	1.15	1.19	1.31	1.53	1.82	2.01	1.91
40	1.71	1.62	1.45	1.28	1.17	1.14	1.19	1.32	1.57	1.89	2.12	2

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
45	1.78	1.65	1.46	1.28	1.16	1.12	1.17	1.32	1.59	1.96	2.21	2.9
50	1.84	1.68	1.47	1.27	1.14	1.09	1.15	1.32	1.61	2.01	2.28	2.15
55	1.88	1.7	1.47	1.25	1.1	1.06	1.12	1.3	1.61	2.04	2.34	2.21
60	1.92	1.7	1.46	1.23	1.07	1.02	1.08	1.27	1.61	2.07	2.39	2.25
65	1.94	1.7	1.44	1.19	1.03	.97	1.04	1.24	1.59	2.07	2.42	2.28
70	1.95	1.68	1.41	1.15	.97	.92	.99	1.19	1.56	2.07	2.43	2.29
75	1.95	1.66	1.37	1.09	.92	.86	.93	1.14	1.52	2.05	2.43	2.29
80	1.94	1.62	1.32	1.04	.85	.79	.86	1.08	1.47	2.02	2.42	2.28
85	1.92	1.58	1.26	.97	.78	.72	.79	1.01	1.41	1.97	2.38	2.25
90	1.84	1.52	1.2	.9	.71	.64	.71	.94	1.34	1.91	2.34	2.21

Latitud = 61°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.13	1.11	1.08	1.06	1.05	1.05	1.05	1.07	1.1	1.15	1.18	1.16
10	1.25	1.2	1.16	1.12	1.09	1.08	1.1	1.13	1.2	1.29	1.34	1.31
15	1.36	1.3	1.213	1.17	1.13	1.12	1.13	1.19	1.29	1.42	1.51	1.45
20	1.47	1.38	1.3	1.21	1.16	1.14	1.16	1.24	1.37	1.54	1.66	1.59
25	1.57	1.46	1.35	1.25	1.18	1.15	1.19	1.28	1.44	1.66	1.8	1.72
30	1.66	1.53	1.4	1.27	1.19	1.16	1.2	1.31	1.5	1.76	1.94	1.84
35	1.74	1.59	1.44	1.29	1.19	1.16	1.2	1.33	1.55	1.85	2.06	1.95
40	1.81	1.64	1.47	1.3	1.19	1.15	1.2	1.34	1.59	1.93	2.17	2.05
45	1.87	1.68	1.48	1.3	1.17	1.13	1.19	1.34	1.62	2	2.26	2.13
50	1.92	1.71	1.49	1.29	1.15	1.11	1.17	1.34	1.64	2.05	2.34	2.2
55	1.96	1.73	1.49	1.27	1.13	1.08	1.14	1.32	1.64	2.09	2.41	2.26
60	1.98	1.74	1.48	1.25	1.09	1.04	1.1	1.29	1.64	2.12	2.46	2.31
65	2	1.73	1.46	1.21	1.04	.99	1.06	1.26	1.62	2.13	2.49	2.34
70	2	1.72	1.43	1.17	.99	.94	1.01	1.22	1.6	2.13	2.51	2.36
75	1.99	1.7	1.4	1.12	.94	.88	.95	1.17	1.56	2.11	2.51	2.36
80	1.97	1.66	1.35	1.06	.87	.81	.88	1.11	1.51	2.08	2.5	2.35
85	1.93	1.62	1.29	1	.8	.74	.81	1.04	1.45	2.04	2.47	2.32
90	1.89	1.56	1.23	.92	.73	.66	.74	.97	1.38	1.98	2.42	2.28

Latitud = 62°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.13	1.11	1.09	1.07	1.05	1.05	1.05	1.07	1.11	1.15	1.18	1.16
10	1.25	1.21	1.17	1.13	1.1	1.1	1.1	1.14	1.21	1.3	1.36	1.32

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
15	1.37	1.31	1.24	1.18	1.13	1.13	1.14	1.2	1.3	1.44	1.53	1.47
20	1.48	1.39	1.31	1.22	1.16	1.16	1.17	1.25	1.38	1.57	1.69	1.61
25	1.59	1.48	1.37	1.26	1.19	1.19	1.19	1.29	1.46	1.69	1.84	1.75
30	1.68	1.55	1.41	1.29	1.2	1.2	1.21	1.32	1.52	1.79	1.98	1.87
35	1.76	1.61	1.45	1.3	1.2	1.2	1.22	1.34	1.57	1.89	2.11	1.99
40	1.84	1.66	1.48	1.31	1.2	1.2	1.21	1.36	1.62	1.97	2.22	2.09
45	1.9	1.7	1.51	1.32	1.19	1.19	1.2	1.36	1.65	2.05	2.32	2.18
50	1.95	1.74	1.52	1.31	1.17	1.17	1.18	1.36	1.67	2.1	2.41	2.26
55	2	1.76	1.52	1.29	1.14	1.14	1.16	1.34	1.68	2.15	2.48	2.32
60	2.02	1.77	1.51	1.27	1.11	1.11	1.12	1.32	1.68	2.18	2.53	2.37
65	2.04	1.77	1.49	1.23	1.06	1.06	1.08	1.29	1.66	2.19	2.57	2.4
70	2.05	1.76	1.46	1.19	1.01	1.01	1.03	1.24	1.64	2.19	2.6	2.42
75	2.04	1.73	1.43	1.14	.96	.96	.97	1.19	1.6	2.18	2.6	2.43
80	2.02	1.7	1.38	1.08	.89	.89	.9	1.13	1.55	2.15	2.59	2.42
85	1.99	1.66	1.32	1.02	.82	.82	.83	1.07	1.49	2.11	2.56	2.39
90	1.94	1.6	1.26	.95	.75	.75	.76	.99	1.43	2.05	2.52	2.35

Latitud = 63°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.13	1.11	1.09	1.07	1.05	1.05	1.06	1.08	1.11	1.16	1.19	1.17
10	1.26	1.22	1.17	1.13	1.1	1.09	1.1	1.14	1.21	1.31	1.37	1.33
15	1.38	1.32	1.25	1.18	1.14	1.13	1.15	1.2	1.31	1.45	1.55	1.49
20	1.5	1.41	1.32	1.23	1.17	1.15	1.18	1.26	1.4	1.59	1.72	1.64
25	1.6	1.49	1.38	1.27	1.19	1.17	1.2	1.3	1.47	1.71	1.88	1.78
30	1.7	1.57	1.43	1.3	1.21	1.18	1.22	1.33	1.54	1.83	2.02	1.91
35	1.79	1.63	1.47	1.32	1.22	1.18	1.23	1.366	1.6	1.93	2.16	2.03
40	1.87	1.69	1.5	1.33	1.21	1.18	1.23	1.38	1.64	2.02	2.28	2.13
45	1.94	1.73	1.53	1.33	1.2	1.16	1.22	1.38	1.68	2.1	2.39	2.23
50	1.99	1.77	1.54	1.33	1.19	1.14	1.2	1.38	1.7	2.16	2.48	2.31
55	2.04	1.79	1.54	1.31	1.16	1.11	1.17	1.37	1.71	2.21	2.55	2.38
60	2.07	1.8	1.54	1.29	1.13	1.07	1.14	1.34	1.71	2.24	2.62	2.43
65	2.09	1.8	1.52	1.26	1.08	1.03	1.1	1.31	1.7	2.26	2.66	2.47
70	2.09	1.79	1.49	1.21	1.03	.98	1.05	1.27	1.68	2.26	2.69	2.49
75	2.09	1.77	1.46	1.17	.98	.92	.99	1.22	1.64	2.25	2.69	2.5
80	2.07	1.74	1.41	1.11	.91	.85	.93	1.16	1.6	2.22	2.69	2.5
85	2.04	1.7	1.36	1.05	.85	.78	.86	1.1	1.54	2.18	2.66	2.47
90	2	1.65	1.29	.97	.77	.7	.78	1.02	1.47	2.12	2.62	2.44

Latitud = 64°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.14	1.11	1.09	1.07	1.06	1.05	1.06	1.08	1.11	1.16	1.2	1.17
10	1.27	1.22	1.18	1.13	1.1	1.09	1.11	1.15	1.22	1.32	1.39	1.34
15	1.4	1.33	1.26	1.19	1.15	1.13	1.15	1.21	1.32	1.47	1.57	1.51
20	1.51	1.42	1.33	1.24	1.18	1.16	1.19	1.27	1.41	1.61	1.75	1.66
25	1.63	1.51	1.39	1.28	1.2	1.18	1.21	1.31	1.49	1.74	1.92	1.81
30	1.73	1.58	1.44	1.31	1.22	1.19	1.23	1.35	1.56	1.86	2.07	1.94
35	1.82	1.65	1.49	1.33	1.23	1.2	1.24	1.38	1.62	1.97	2.21	2.07
40	1.9	1.71	1.52	1.35	1.23	1.19	1.24	1.39	1.67	2.07	2.34	2.18
45	1.97	1.76	1.55	1.35	1.22	1.18	1.23	1.4	1.71	2.15	2.46	2.28
50	2.03	1.8	1.56	1.35	1.2	1.16	1.22	1.4	1.73	2.21	2.55	2.37
55	2.08	1.82	1.57	1.33	1.18	1.13	1.19	1.39	1.75	2.27	2.64	2.44
60	2.11	1.84	1.56	1.31	1.14	1.09	1.16	1.37	1.75	2.3	2.7	2.5
65	2.14	1.84	1.55	1.28	1.1	1.05	1.12	1.34	1.74	2.33	2.75	2.54
70	2.14	1.83	1.52	1.24	1.05	1	1.07	1.3	1.72	2.33	2.78	2.57
75	2.14	1.81	1.49	1.19	1	.94	1.01	1.25	1.69	2.32	2.79	2.58
80	2.12	1.78	1.44	1.13	.94	.87	.95	1.19	1.64	2.3	2.79	2.58
85	2.1	1.74	1.39	1.07	.87	.8	.88	1.13	1.58	2.26	2.77	2.56
90	2.05	1.69	1.33	1	.79	.73	.8	1.05	1.52	2.2	2.73	2.52

Latitud = 65°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.14	1.12	1.1	1.07	1.06	1.05	1.06	1.08	1.12	1.17	1.21	1.14
10	1.28	1.23	1.18	1.14	1.11	1.1	1.11	1.15	1.23	1.34	1.41	1.31
15	1.41	1.34	1.27	1.2	1.15	1.14	1.16	1.22	1.33	1.49	1.6	1.47
20	1.53	1.43	1.34	1.25	1.19	1.17	1.19	1.28	1.43	1.64	1.78	1.63
25	1.65	1.52	1.4	1.29	1.21	1.19	1.22	1.32	1.551	1.78	1.96	1.77
30	1.75	1.6	1.46	1.32	1.23	1.2	1.24	1.36	1.58	1.9	2.12	1.91
35	1.85	1.68	1.51	1.35	1.24	1.21	1.25	1.39	1.65	2.02	2.27	2.04
40	1.93	1.74	1.54	1.36	1.24	1.21	1.26	1.41	1.7	2.12	2.41	2.15
45	2.01	1.79	1.57	1.37	1.24	1.19	1.25	1.42	1.74	2.2	1.53	2.26
50	2.07	1.83	1.59	1.37	1.22	1.17	1.24	1.42	1.77	2.27	2.64	2.35
55	2.12	1.86	1.6	1.35	1.2	1.15	1.21	1.41	1.79	2.33	2.72	2.42
60	2.16	1.87	1.59	1.33	1.16	1.11	1.18	1.39	1.79	2.37	2.8	2.48
65	2.19	1.88	1.58	1.3	1.12	1.07	1.14	1.37	1.78	2.4	2.85	2.53
70	2.2	1.87	1.56	1.26	1.08	1.02	1.09	1.33	1.76	2.41	2.89	2.56

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
75	2.2	1.86	1.52	1.22	1.02	.96	1.04	1.28	1.73	2.4	2.9	2.57
80	2.18	1.83	1.48	1.16	.96	.89	.97	1.22	1.69	2.38	2.9	2.57
85	2.15	1.79	1.42	1.1	.89	.82	.9	1.16	1.63	2.34	2.88	2.55
90	2.11	1.74	1.36	1.03	.82	.75	.83	1.08	1.57	2.29	2.84	2.52

Latitud = 66°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.15	1.12	1.1	1.07	1.06	1.05	1.06	1.08	1.12	1.18	1.22	1.1
10	1.29	1.24	1.19	1.14	1.11	1.1	1.12	1.16	1.24	1.35	1.43	1.27
15	1.42	1.35	1.27	1.2	1.16	1.14	1.16	1.23	1.34	1.51	1.63	1.44
20	1.55	1.45	1.35	1.26	1.19	1.17	1.2	1.29	1.44	1.67	1.82	1.59
25	1.67	1.54	1.42	1.3	1.22	1.2	1.23	1.34	1.53	1.81	.2.01	1.74
30	1.78	1.62	1.48	1.34	1.24	1.21	1.26	1.38	1.61	1.94	2.18	1.88
35	1.88	1.7	1.53	1.36	1.25	1.22	1.27	1.41	1.67	2.06	2.34	2.01
40	1.97	1.76	1.57	1.38	1.6	1.22	1.27	1.43	1.73	2.17	2.48	2.13
45	2.05	1.82	1.6	1.39	1.25	1.21	1.27	1.44	1.77	2.26	2.61	2.23
50	2.12	1.86	1.62	1.39	1.24	1.19	1.25	1.45	1.81	2.34	2.72	2.32
55	2.17	1.89	1.62	1.38	1.21	1.16	1.23	1.44	1.83	2.4	2.82	2.4
60	2.21	1.91	1.62	1.36	1.18	1.13	1.2	1.42	1.83	2.45	2.9	2.46
65	2.24	1.92	1.61	1.33	1.14	1.09	1.16	1.39	1.83	2.48	2.96	2.51
70	2.25	1.92	1.59	1.29	1.1	1.04	1.12	1.36	1.81	2.49	3	2.54
75	2.25	1.9	1.56	1.24	1.04	.98	1.06	1.31	1.78	2.49	3.02	2.56
80	2.24	1.87	1.51	1.19	.98	.92	1	1.25	1.74	2.47	3.02	2.56
85	2.22	1.83	1.46	1.13	.91	.85	.93	1.19	1.68	2.43	3	2.55
90	2.18	1.78	1.4	1.06	.84	.77	.85	1.12	1.62	2.38	2.97	2.52

Latitud = 67°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.15	1.12	1.1	1.08	1.06	1.06	1.06	1.09	1.13	1.19	1.23	1.07
10	1.3	1.24	1.2	1.15	1.12	1.11	1.12	1.16	1.25	1.36	1.45	1.24
15	1.44	1.36	1.28	1.21	1.16	1.15	1.17	1.23	1.36	1.54	1.66	1.4
20	1.57	1.46	1.36	1.26	1.2	1.18	1.21	1.3	1.46	1.7	1.86	1.56
25	1.69	1.56	1.43	1.3	1.23	1.21	1.24	1.35	1.55	1.85	2.06	1.71
30	1.81	1.65	1.49	1.35	1.25	1.22	1.27	1.39	1.63	1.99	2.24	1.85
35	1.91	1.72	1.55	1.38	1.27	1.23	1.28	1.43	1.7	2.11	2.41	1.98
40	2.01	1.79	1.59	1.4	1.27	1.23	1.29	1.45	1.76	2.23	2.56	2.1

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
45	2.9	1.85	1.62	1.41	1.27	1.23	1.29	1.47	1.81	2.33	2.7	2.21
50	2.16	1.9	1.64	1.41	1.26	1.21	1.27	1.47	1.85	2.41	2.82	2.3
55	2.22	1.93	1.65	1.4	1.23	1.18	1.25	1.47	1.87	2.48	2.92	2.38
60	2.26	1.95	1.65	1.38	1.2	1.15	1.22	1.45	1.88	2.53	3.01	2.44
65	2.29	1.96	1.64	1.35	1.17	1.11	1.19	1.42	1.87	2.56	3.07	2.5
70	2.31	1.96	1.62	1.32	1.12	1.06	1.14	1.39	1.86	2.58	3.12	2.53
75	2.32	1.95	1.59	1.27	1.07	1	1.08	1.34	1.83	2.58	3.15	2.55
80	2.31	1.92	1.55	1.22	1.01	.94	1.02	1.29	1.79	2.56	3.15	2.56
85	2.28	1.88	1.5	1.15	.94	.87	.95	1.22	1.73	2.52	3.14	2.54
90	2.25	1.83	1.44	1.09	.86	.79	.88	1.15	1.67	2.47	3.1	2.52

Latitud = 68°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.13	1.13	1.1	1.08	1.06	1.06	1.07	1.09	1.13	1.19	1.2	1.03
10	1.28	1.25	1.2	1.15	1.12	1.11	1.13	1.17	1.25	1.38	1.43	1.2
15	1.42	1.37	1.29	1.22	1.17	1.15	1.18	1.24	1.37	1.56	1.64	1.37
20	1.56	1.48	1.37	1.27	1.21	1.19	1.22	1.31	1.48	1.73	1.85	1.53
25	1.68	1.58	1.45	1.32	1.24	1.22	1.25	1.36	1.57	1.89	2.05	1.68
30	1.8	1.67	1.51	1.36	1.27	1.24	1.28	1.41	1.66	2.03	2.24	1.82
35	1.91	1.75	1.57	1.39	1.28	1.25	1.3	1.45	1.73	2.17	2.41	1.95
40	2.01	1.82	1.61	1.41	1.29	1.25	1.3	1.47	1.8	2.29	2.57	2.07
45	2.09	1.88	1.65	1.43	1.29	1.24	1.3	1.49	1.85	2.39	2.71	2.18
50	2.17	1.93	1.67	1.43	1.27	1.23	1.29	1.5	1.89	2.48	2.84	2.27
55	2.23	1.97	1.68	1.42	1.25	1.2	1.27	1.49	1.91	2.56	2.95	2.36
60	2.28	1.99	1.69	1.4	1.23	1.17	1.25	1.48	1.92	2.61	3.04	2.43
65	2.31	2.01	1.68	1.38	1.19	1.13	1.21	1.45	1.92	2.65	3.11	2.48
70	2.33	2.01	1.66	1.34	1.14	1.08	1.16	1.42	1.91	2.67	3.16	2.52
75	2.34	1.99	1.63	1.3	1.09	1.02	1.11	1.37	1.88	2.67	3.19	2.54
80	2.33	1.97	1.59	1.25	1.03	.96	1.05	1.32	1.84	2.66	3.2	2.55
85	2.31	1.93	1.54	1.18	.96	.89	.98	1.26	1.79	2.63	3.19	2.54
90	2.27	1.89	1.48	1.11	.89	.82	.91	1.18	1.72	2.58	3.16	2.52

Latitud = 69°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.1	1.13	1.11	1.08	1.07	1.06	1.07	1.09	1.09	1.14	1.16	1
10	1.25	1.26	1.21	1.16	1.12	1.11	1.13	1.18	1.18	1.26	1.38	1.17

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
15	1.39	1.38	1.3	1.22	1.17	1.216	1.18	1.25	1.25	1.38	1.6	1.33
20	1.53	1.49	1.39	1.28	1.22	1.2	1.23	1.32	1.32	1.49	1.81	1.49
25	1.66	1.6	1.46	1.33	1.25	1.23	1.26	1.38	1.38	1.6	2.01	1.64
30	1.78	1.69	1.53	1.38	1.28	1.25	1.29	1.43	1.43	1.69	2.2	1.79
35	1.88	1.78	1.59	1.41	1.3	1.26	1.31	1.47	1.47	1.76	2.37	1.92
40	1.98	1.85	1.64	1.43	1.3	1.26	1.321	1.5	1.5	1.83	2.53	2.04
45	2.07	1.92	1.67	1.45	1.3	1.26	1.31	1.51	1.51	1.89	2.68	2.15
50	215	1.97	1.7	1.45	1.29	1.24	1.31	1.52	1.52	1.93	2.81	2.25
55	2.21	2.01	1.72	1.45	1.27	1.22	1.29	1.52	1.52	1.96	2.92	2.33
60	2.26	2.04	1.72	1.43	1.25	1.19	1.27	1.51	1.51	1.97	3.01	2.41
65	2.3	2.05	1.71	1.41	1.21	1.15	1.23	1.48	1.48	1.97	3.09	2.46
70	2.32	2.0	1.7	1.37	1.17	1.1	1.19	1.45	1.45	1.96	3.14	2.5
75	2.33	2.05	1.67	1.33	1.11	1.05	1.13	1.41	1.41	1.94	3.18	2.53
80	2.32	2.2	1.63	1.27	1.05	.99	1.07	1.35	1.35	1.9	3.19	2.54
85	2.3	1.99	1.58	1.21	.99	.92	1.01	1.29	1.29	1.85	3.18	2.53
90	2.27	1.94	1.52	1.15	.91	.84	.93	1.22	1.22	1.78	3.16	2.51

Latitud = 70°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.07	1.14	1.11	1.08	1.07	1.06	1.07	1.09	1.14	1.21	1.11	1
10	1.22	1.27	1.21	1.16	1.13	1.12	1.13	1.18	1.27	1.42	1.33	1.13
15	1.36	1.39	1.31	1.23	1.18	1.17	1.19	1.26	1.4	1.61	1.55	1.3
20	1.5	1.51	1.4	1.29	1.23	1.21	1.24	1.33	1.51	1.8	1.76	1.16
25	1.63	1.62	1.48	1.35	1.26	1.24	1.28	1.39	1.62	1.98	1.97	1.61
30	1.75	1.72	1.55	1.39	1.29	1.26	1.31	1.44	1.71	2.14	2.16	1.75
35	1.86	1.81	1.661	1.43	1.31	1.27	1.33	1.49	1.8	2.29	2.33	1.89
40	1.96	1.89	1.66	1.45	1.32	1.28	1.34	1.52	1.87	2.43	2.5	2.01
45	2.05	1.95	1.7	1.47	1.32	1.28	1.34	1.54	1.93	2.55	2.65	2.13
50	2.13	2.01	1.73	1.47	1.31	1.26	1.33	1.55	1.97	2.65	2.78	2.23
55	2.19	2.05	1.75	1.47	1.29	1.24	.32	1.55	2.01	2.73	2.89	2.31
60	2.24	2.08	1.75	1.46	1.27	1.21	1.29	1.54	2.02	2.8	2.99	2.38
65	2.28	2.1	1.75	1.43	1.23	1.17	1.26	1.52	2.03	2.85	3.07	2.44
70	2.31	2.11	1.73	1.4	1.19	1.13	1.21	1.48	2.02	2.88	3.12	2.49
75	2.32	2.1	1.71	1.36	1.14	1.07	1.16	1.44	1.99	2.89	3.16	2.52
80	2.32	2.08	1.67	1.31	1.08	1.01	1.1	1.39	1.96	2.88	3.18	2.53
85	2.3	2.04	1.62	1.25	1.01	.94	1.03	1.33	1.91	2.85	3.18	2.53
90	2.27	2	1.56	1.18	.94	.87	.96	1.26	1.84	2.81	3.16	2.51

Latitud = 71°

Inc	Ene	Feb	Mar	Abr	May	Jun	Jul	Ago	Sep	Oct	Nov	Dic
0	1	1	1	1	1	1	1	1	1	1	1	1
5	1.04	1.14	1.11	1.09	1.07	1.06	1.07	1.1	1.15	1.22	1.06	1
10	1.19	1.28	1.22	1.17	1.13	1.12	1.14	1.19	1.28	1.44	1.29	1.1
15	1.33	1.41	1.32	1.24	1.19	1.17	1.2	1.27	1.41	1.64	1.51	1.26
20	1.47	1.53	1.41	1.3	1.23	1.21	1.25	1.34	1.53	1.84	1.72	1.42
25	1.6	1.64	1.5	1.36	1.27	1.25	1.29	1.41	1.65	2.03	1.92	1.58
30	1.72	1.74	1.57	1.41	1.3	1.27	1.32	1.46	1.74	2.2	2.11	1.72
35	1.83	1.84	1.63	1.44	1.32	1.29	1.34	1.51	1.83	2.36	2.29	1.86
40	1.93	192	1.69	1.47	1.34	1.29	1.36	1.54	1.91	2.5	2.46	1.98
45	2.03	1.99	1.73	1.49	1.34	1.29	1.36	1.57	1.97	2.63	2.61	2.1
50	2.1	2.05	1.76	1.5	1.33	1.28	1.35	1.58	2.02	2.74	2.75	2.2
55	2.17	2.1	1.78	1.5	1.32	1.26	1.34	1.58	2.6	2.84	2.86	2.29
60	2.23	2.13	1.79	1.48	1.29	1.23	1.31	1.57	2.08	2.91	2.96	2.36
65	2.27	2.15	1.79	1.46	1.26	1.19	1.28	1.55	2.08	2.96	3.04	2.42
70	2.29	2.16	1.77	1.43	1.22	1.15	1.24	1.52	2.08	3.	3.11	2.47
75	2.31	2.15	1.75	1.39	1.16	1.1	1.19	1.48	2.06	3.01	3.15	2.5
80	2.31	2.14	1.71	1.34	1.11	1.03	1.13	1.43	2.02	3.01	3.17	2.52
85	2.3	2.1	1.66	1.28	1.04	.97	1.06	1.36	1.97	2.98	3.17	2.52
90	2.27	2.06	1.6	1.21	.97	.89	.99	1.29	1.91	2.94	3.15	2.51