

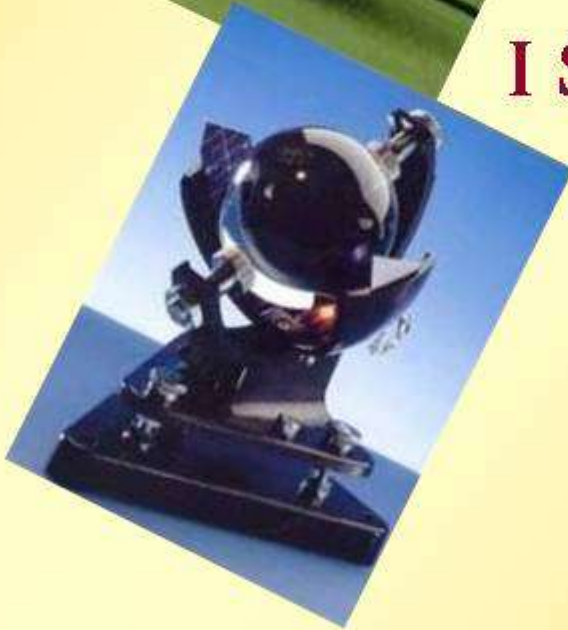


DIRECCIÓN METEOROLÓGICA DE CHILE



**INFORME
SOLARIMÉTRICO**

I SEMESTRE 2006



CLIMATOLOGÍA Y METEOROLOGÍA APLICADA

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JANUARY

Year: 2006

Country: CHILE

Daily Totals				
Latitude	18°21' S	22°29' S	23°26' S	33°27' S
Longitude	70°19' W	68°54' W	70°26' W	70°42' W
Elevation	58 m	2270 m	135 m	520 m
Station	ARICA	CALAMA	ANTOFAGASTA	QUINTA NORMAL
Date				
1	.	31.30	29.82	.
2	.	27.94	32.31	.
3	.	25.83	31.81	.
4	.	31.37	31.64	27.32
5	.	31.38	18.36	30.37
6	.	31.21	31.60	29.91
7	.	28.94	32.03	27.95
8	.	31.78	31.82	29.21
9	.	31.03	31.18	29.86
10	.	30.84	31.41	29.61
11	.	30.53	28.65	29.45
12	.	30.94	32.70	29.54
13	.	28.64	31.22	29.97
14	.	29.71	31.68	29.27
15	.	26.81	31.83	29.43
16	.	30.54	30.80	29.29
17	.	30.28	31.01	28.57
18	.	30.81	31.22	27.80
19	.	30.42	27.50	27.43
20	.	32.11	31.63	27.45
21	.	30.36	31.79	27.28
22	.	32.67	32.00	25.86
23	.	32.43	32.14	26.80
24	.	30.86	27.52	27.16
25	.	27.45	31.06	27.48
26	.	28.97	29.12	27.35
27	.	28.65	25.14	26.91
28	.	28.16	28.92	25.46
29	.	30.89	29.63	27.00
30	.	30.80	28.07	26.04
31	.	30.67	26.76	26.46
TT Monthly Totals	.	934.33	932.35	.
 Daily Means	.	30.14	30.08	28.08
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

**DIRECCION METEOROLOGICA DE CHILE
SUBDIRECCION DE CLIMAT. Y MET. APLICADA
DEPTO. CLIMATOLOGIA**

**WMO
Total radiation (sun and sky) T,MJ/m2
Duration of sunshine ss, hours**

Month: JANUARY

Year: 2006

Country: CHILE

Daily Totals				
Latitude	34°58' S	36°46' S	41°25' S	45°35' S
Longitude	71°14' W	73°03' W	73°05' W	72°07' W
Elevation	228 m	12 m	85 m	310 m
Station	CURICO	CONCEPCION	PUERTO MONTT	COYHAIQUE
Date				
1	27.23	18.10	17.09	20.48
2	26.53	23.77	26.04	22.90
3	26.02	21.24	11.88	15.38
4	24.37	17.06	7.10	27.91
5	24.12	5.41	26.94	20.68
6	21.61	24.11	13.97	17.59
7	.	20.19	7.08	11.48
8	.	23.36	11.81	7.24
9	.	7.63	19.36	7.22
10	.	24.20	18.14	12.05
11	.	24.21	9.23	11.74
12	.	25.03	18.56	23.65
13	26.73	24.55	29.86	26.05
14	.	24.12	15.09	17.55
15	23.71	24.43	25.76	16.88
16	27.58	24.81	30.35	25.21
17	26.45	20.42	30.26	29.37
18	25.36	10.10	20.17	19.24
19	25.41	23.43	20.51	18.57
20	25.36	24.14	29.41	26.45
21	24.80	21.74	29.13	28.28
22	25.40	23.37	12.34	9.86
23	25.85	23.43	24.07	19.72
24	25.87	23.17	14.36	17.45
25	26.24	23.75	29.30	27.46
26	25.73	23.41	28.99	28.01
27	25.14	22.98	26.70	16.52
28	17.59	7.20	20.40	21.53
29	11.28	22.02	27.68	25.19
30	25.33	22.82	28.38	26.85
31	24.23	15.03	28.46	27.01
TT Monthly Totals	.	639.24	658.42	625.54
 Daily Means	.	20.62	21.24	20.18
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JANUARY

Year: 2006

Country: CHILE

Daily Totals				
Latitude	53°00' S			
Longitude	70°51' W			
Elevation	37 m			
Station	PUNTA ARENAS			
Date				
1	29.39			
2	11.49			
3	16.35			
4	29.55			
5	12.08			
6	20.52			
7	25.90			
8	20.09			
9	20.27			
10	23.49			
11	25.74			
12	11.95			
13	28.02			
14	16.99			
15	25.45			
16	16.47			
17	10.32			
18	8.71			
19	10.88			
20	21.59			
21	27.54			
22	24.22			
23	17.72			
24	9.66			
25	18.49			
26	11.32			
27	10.54			
28	15.82			
29	14.32			
30	16.86			
31	26.07			
TT Monthly Totals	577.84			
Daily Means	18.64			
SS Monthly Totals				
Daily Means				
Types of	PYRANOMETER			
Instruments	PSP EPPLEY			

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: FEBRUARY Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	22°29' S	23°26' S	33°27' S
Longitude	70°19' W	68°54' W	70°26' W	70°42' W
Elevation	58 m	2270 m	135 m	520 m
Station	ARICA	CALAMA	ANTOFAGASTA	QUINTA NORMAL
Date				
1	.	29.06	29.78	17.79
2	.	27.32	29.25	17.69
3	.	29.58	28.86	23.54
4	.	28.82	29.37	26.34
5	.	28.44	29.63	26.49
6	.	26.40	28.96	25.47
7	.	27.82	28.62	25.42
8	.	29.56	29.94	25.63
9	.	29.65	27.71	25.08
10	.	27.92	29.44	24.41
11	.	29.45	29.62	24.49
12	.	28.10	29.06	23.60
13	.	23.10	29.37	23.94
14	.	24.27	29.85	21.06
15	.	28.55	29.91	22.25
16	.	29.51	29.89	23.11
17	.	29.39	29.67	23.32
18	.	29.35	29.56	23.07
19	.	29.30	28.91	22.88
20	.	29.00	27.31	22.88
21	.	28.65	28.26	16.73
22	.	28.46	29.12	14.52
23	.	28.64	28.69	23.19
24	.	28.51	28.22	22.38
25	.	28.19	27.59	22.07
26	.	27.95	27.69	10.74
27	.	27.70	27.77	20.53
28	.	27.59	27.52	21.86
29				
30				
31				
TT Monthly Totals	.	790.32	809.56	620.49
 Daily Means	.	28.23	28.91	22.16
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: FEBRUARY Year: 2006 Country: CHILE

Daily Totals				
Latitude	34°58' S	36°46' S	41°25' S	45°35' S
Longitude	71°14' W	73°03' W	73°05' W	72°07' W
Elevation	228 m	12 m	85 m	310 m
Station	CURICO	CONCEPCION	PUERTO MONTT	COYHAIQUE
Date				
1	23.87	19.37	25.64	26.61
2	9.74	10.77	26.25	26.67
3	20.59	14.82	27.10	26.00
4	24.79	21.29	9.45	11.79
5	25.45	21.83	9.43	10.07
6	24.70	21.50	25.21	14.20
7	15.08	18.89	18.32	23.22
8	24.36	21.73	26.14	24.75
9	24.19	21.40	26.18	17.94
10	22.53	20.58	26.27	23.81
11	22.62	20.17	13.20	21.33
12	21.10	19.41	25.73	23.67
13	20.24	12.43	25.70	23.59
14	20.84	11.76	22.73	15.57
15	18.24	9.08	10.32	17.82
16	21.70	10.79	24.05	22.70
17	21.56	17.17	14.31	15.60
18	21.61	17.18	4.38	15.57
19	21.70	19.80	16.74	11.46
20	21.00	19.17	12.07	5.35
21	.	12.81	6.89	2.87
22	.	19.38	15.08	5.02
23	.	19.53	23.17	17.01
24	16.50	19.17	21.72	15.87
25	20.11	18.72	13.77	13.99
26	3.36	13.21	16.08	14.98
27	20.88	19.39	10.44	14.03
28	22.24	19.03	7.08	11.18
29				
30				
31				
TT Monthly Totals	509.00	490.37	503.44	472.65
 Daily Means	20.36	17.51	17.98	16.88
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: FEBRUARY

Year: 2006

Country: CHILE

Daily Totals				
Latitude	53°00' S			
Longitude	70°51' W			
Elevation	37 m			
Station	PUNTA ARENAS			
Date				
1	17.69			
2	23.23			
3	6.68			
4	5.36			
5	13.38			
6	8.64			
7	16.38			
8	16.46			
9	5.10			
10	21.48			
11	13.41			
12	13.46			
13	17.12			
14	18.16			
15	18.92			
16	14.66			
17	11.88			
18	16.82			
19	16.81			
20	16.02			
21	21.75			
22	21.12			
23	15.40			
24	9.21			
25	15.27			
26	13.40			
27	15.37			
28	11.22			
29				
30				
31				
TT Monthly Totals	414.37			
Daily Means	14.80			
SS Monthly Totals				
Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY			

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MARCH Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	22°29' S	23°26' S	33°27' S
Longitude	70°19'W	68°54' W	70°26' W	70°42' W
Elevation	58 m	2270 m	135 m	520 m
Station	ARICA	CALAMA	ANTOFAGASTA	QUINTA NORMAL
Date				
1	.	27.15	27.11	.
2	.	26.47	27.41	.
3	.	26.17	27.11	.
4	.	26.42	25.00	.
5	.	26.81	26.62	23.57
6	.	26.89	21.88	23.84
7	.	26.78	24.87	22.99
8	.	26.65	26.35	23.06
9	.	26.39	26.16	22.78
10	.	25.97	25.59	19.41
11	.	25.42	25.75	22.17
12	.	26.04	25.25	21.85
13	.	25.41	24.69	21.27
14	.	26.06	25.86	21.20
15	.	25.80	24.08	22.11
16	.	25.44	25.20	22.15
17	.	25.74	24.46	21.68
18	.	25.11	25.04	21.70
19	.	25.84	23.21	21.15
20	.	25.42	23.70	20.81
21	.	25.13	23.70	20.59
22	.	25.38	14.43	20.21
23	.	25.00	19.60	19.48
24	.	25.55	22.15	19.59
25	.	25.36	24.49	20.04
26	.	25.00	25.19	19.16
27	.	25.42	24.78	19.27
28	.	26.18	23.90	19.25
29	.	25.58	23.15	18.47
30	.	24.06	22.99	15.57
31	.	24.66	22.47	17.71
TT Monthly Totals	.	799.30	752.16	.
 Daily Means	.	25.78	24.26	.
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

**DIRECCION METEOROLOGICA DE CHILE
SUBDIRECCION DE CLIMAT. Y MET. APLICADA
DEPTO. CLIMATOLOGIA**

**WMO
Total radiation (sun and sky) T,MJ/m2
Duration of sunshine ss, hours**

Month: MARCH Year: 2006 Country: CHILE

Daily Totals				
Latitude	34°58' S	36°46' S	41°25' S	45°35' S
Longitude	71°14' W	73°03' W	73°05' W	72°07' W
Elevation	228 m	12 m	85 m	310 m
Station	CURICO	CONCEPCION	PUERTO MONTT	COYHAIQUE
Date				
1	21.47	18.75	14.28	19.01
2	20.79	18.63	13.81	18.10
3	21.94	18.65	11.51	12.88
4	21.15	18.63	19.16	17.67
5	20.17	16.07	2.51	6.42
6	19.70	8.20	12.53	9.99
7	19.32	17.02	3.41	8.33
8	21.06	6.78	12.81	12.73
9	18.71	17.00	12.14	7.31
10	20.08	17.31	13.04	18.02
11	20.79	17.84	9.63	11.06
12	19.90	16.64	12.99	4.81
13	20.03	13.38	11.80	10.71
14	18.45	17.48	11.68	7.85
15	14.68	16.96	13.96	13.56
16	19.52	13.47	3.62	5.44
17	19.55	16.68	9.85	10.50
18	19.17	16.69	10.69	10.29
19	15.03	16.26	11.85	15.36
20	18.77	15.79	18.84	16.90
21	18.08	13.86	11.75	14.03
22	17.64	15.28	10.07	10.78
23	17.41	12.06	3.67	6.10
24	15.58	15.92	13.51	5.62
25	18.20	15.60	13.86	9.10
26	17.54	14.93	10.20	9.72
27	16.41	15.38	12.94	4.56
28	17.35	14.86	15.76	14.66
29	17.11	9.75	7.04	14.78
30	7.81	4.22	10.02	12.05
31	11.98	11.39	12.58	11.85
TT Monthly Totals	565.38	461.48	351.52	350.20
 Daily Means	18.24	14.89	11.34	11.30
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MARCH

Year: 2006

Country: CHILE

Daily Totals				
Latitude	53°00' S			
Longitude	70°51' W			
Elevation	37 m			
Station	PUNTA ARENAS			
Date				
1	10.57			
2	16.63			
3	16.40			
4	7.98			
5	16.63			
6	11.01			
7	12.80			
8	11.07			
9	7.24			
10	4.61			
11	11.28			
12	9.30			
13	10.43			
14	14.55			
15	6.32			
16	8.46			
17	12.23			
18	4.05			
19	9.53			
20	9.98			
21	8.73			
22	11.19			
23	11.26			
24	11.05			
25	7.20			
26	3.86			
27	7.01			
28	5.22			
29	11.06			
30	3.45			
31	8.87			
TT Monthly Totals	299.98			
Daily Means	9.68			
SS Monthly Totals				
Daily Means				
Types of	PYRANOMETER			
Instruments	PSP EPPLEY			

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: APRIL Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	22°29' S	23°26' S	33°27' S
Longitude	70°19'W	68°54' W	70°26' W	70°42' W
Elevation	58 m	2270 m	135 m	520 m
Station	ARICA	CALAMA	ANTOFAGASTA	QUINTA NORMAL
Date				
1	.	20.88	23.24	17.87
2	.	23.35	23.48	12.20
3	.	24.51	17.31	17.72
4	.	24.84	23.50	17.11
5	.	25.12	18.39	17.07
6	.	24.42	22.83	16.95
7	.	24.74	23.68	15.40
8	.	24.80	22.43	16.60
9	.	24.49	19.63	16.83
10	.	24.37	22.90	16.11
11	.	24.16	21.17	14.50
12	.	23.53	22.51	6.23
13	.	19.75	20.76	4.87
14	.	23.00	22.27	16.60
15	.	22.02	20.30	16.90
16	.	22.91	21.37	16.89
17	.	23.30	18.95	16.08
18	.	23.49	16.51	4.10
19	.	23.14	17.30	6.93
20	.	22.68	19.60	12.86
21	.	22.00	20.33	14.82
22	.	22.04	20.21	14.96
23	.	21.72	19.63	14.46
24	.	21.68	20.07	13.98
25	.	21.37	15.95	13.51
26	.	21.30	17.16	13.76
27	.	20.84	19.38	.
28	.	20.66	19.36	.
29	.	20.84	16.39	.
30	.	20.40	3.88	.
31	.			
TT Monthly Totals	.	682.34	590.49	.
 Daily Means	.	22.74	19.68	.
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: APRIL Year: 2006 Country: CHILE

Daily Totals				
Latitude	34°58' S	36°46' S	41°25' S	45°35' S
Longitude	71°14' W	73°03' W	73°05' W	72°07' W
Elevation	228 m	12 m	85 m	310 m
Station	CURICO	CONCEPCION	PUERTO MONTT	COYHAIQUE
Date				
1	16.11	13.95	13.22	8.52
2	15.65	9.76	16.11	13.38
3	15.98	6.00	5.68	4.75
4	11.02	13.88	8.30	9.39
5	15.55	13.39	7.13	8.83
6	15.60	13.29	8.69	8.88
7	13.97	12.94	3.98	12.95
8	15.49	12.76	10.33	7.75
9	15.11	12.28	12.15	3.57
10	14.68	10.83	4.25	2.39
11	7.80	1.88	7.88	11.93
12	1.67	10.75	5.45	11.74
13	11.27	10.57	10.19	11.38
14	13.85	12.27	9.00	10.79
15	15.71	12.53	12.18	11.48
16	15.53	12.23	13.06	10.56
17	14.57	10.03	5.22	3.41
18	1.80	1.05	3.95	5.15
19	3.35	3.54	4.63	2.05
20	13.66	9.45	7.68	8.31
21	13.90	9.39	1.48	2.19
22	10.86	7.09	10.08	8.46
23	10.11	11.37	4.44	2.33
24	14.43	8.44	2.52	6.89
25	11.23	4.36	3.25	6.50
26	11.87	10.25	3.77	8.44
27	9.51	2.05	8.31	3.80
28	8.55	9.49	8.90	8.25
29	7.88	10.57	10.40	8.91
30	12.71	10.39	11.14	7.96
31				
TT Monthly Totals	359.43	286.77	233.39	230.93
 Daily Means	11.98	9.56	7.78	7.70
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: APRIL

Year: 2006

Country: CHILE

Daily Totals				
Latitude	53°00' S			
Longitude	70°51' W			
Elevation	37 m			
Station	PUNTA ARENAS			
Date				
1	2.47			
2	9.93			
3	4.86			
4	9.01			
5	4.39			
6	6.65			
7	7.03			
8	7.02			
9	6.40			
10	9.20			
11	6.57			
12	7.06			
13	8.50			
14	7.69			
15	8.42			
16	4.19			
17	6.96			
18	1.56			
19	4.35			
20	3.33			
21	6.44			
22	6.53			
23	2.33			
24	6.64			
25	3.37			
26	6.62			
27	3.73			
28	2.23			
29	3.96			
30	5.38			
31				
TT Monthly Totals	172.81			
Daily Means	5.76			
SS Monthly Totals				
Daily Means				
Types of	PYRANOMETER			
Instruments	PSP EPPLEY			

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MAY Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	22°29' S	23°26' S	33°27' S
Longitude	70°19'W	68°54' W	70°26' W	70°42' W
Elevation	58 m	2270 m	135 m	520 m
Station	ARICA	CALAMA	ANTOFAGASTA	QUINTA NORMAL
Date				
1	.	19.34	11.95	12.71
2	.	19.46	18.18	11.37
3	.	19.68	18.11	11.88
4	.	19.69	18.91	10.64
5	.	20.02	19.33	5.45
6	.	20.25	18.80	11.47
7	.	20.40	15.52	12.63
8	.	20.14	17.40	12.34
9	.	19.59	17.57	12.28
10	.	19.83	18.02	11.51
11	.	19.91	16.45	11.42
12	.	19.81	17.89	9.30
13	.	19.57	17.09	11.13
14	.	19.90	17.81	9.12
15	.	19.87	17.93	7.61
16	.	19.66	17.05	10.03
17	.	19.44	17.09	8.78
18	.	19.37	17.45	8.65
19	.	18.97	16.72	2.37
20	.	18.53	16.75	3.88
21	.	18.42	16.92	7.50
22	.	16.35	16.48	5.96
23	.	18.00	14.29	2.80
24	.	18.09	14.92	1.96
25	.	18.10	15.14	5.24
26	.	18.30	13.24	5.88
27	.	18.13	15.91	7.30
28	.	17.82	15.19	9.90
29	.	16.54	13.96	9.97
30	.	16.21	16.19	9.42
31	.	17.32	14.08	4.28
TT Monthly Totals	.	586.71	512.33	264.80
 Daily Means	.	18.93	16.53	8.54
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

**DIRECCION METEOROLOGICA DE CHILE
SUBDIRECCION DE CLIMAT. Y MET. APLICADA
DEPTO. CLIMATOLOGIA**

**WMO
Total radiation (sun and sky) T,MJ/m2
Duration of sunshine ss, hours**

Month: MAY Year: 2006 Country: CHILE

Daily Totals				
Latitude	34°58' S	36°46' S	41°25' S	45°35' S
Longitude	71°14' W	73°03' W	73°05' W	72°07' W
Elevation	228 m	12 m	85 m	310 m
Station	CURICO	CONCEPCION	PUERTO MONTT	COYHAIQUE
Date				
1	12.39	9.09	10.93	8.04
2	5.59	2.40	9.21	8.70
3	6.60	7.25	4.01	6.32
4	2.58	7.82	6.39	7.95
5	5.60	5.98	8.91	5.84
6	4.85	8.14	7.70	5.80
7	11.07	8.57	6.13	6.81
8	11.67	8.21	2.81	6.22
9	11.40	5.72	3.29	2.85
10	11.02	8.51	6.44	7.09
11	10.40	2.86	5.11	6.99
12	2.02	3.63	8.15	6.86
13	3.73	2.49	7.62	3.25
14	3.26	1.65	0.76	3.91
15	1.93	1.12	3.17	1.76
16	9.43	8.06	3.29	2.35
17	9.62	5.04	4.24	5.29
18	8.06	8.96	6.86	5.27
19	3.00	6.97	6.80	6.44
20	4.02	7.86	4.65	6.40
21	5.76	7.00	6.65	3.66
22	4.65	3.58	2.06	2.81
23	3.38	2.63	1.82	1.85
24	0.77	1.38	2.85	3.34
25	1.19	1.64	1.62	0.82
26	6.23	5.81	5.41	2.86
27	4.83	7.34	8.10	5.80
28	4.10	1.16	2.61	3.23
29	6.84	4.53	5.93	3.96
30	8.71	5.52	3.40	2.00
31	3.22	1.38	1.01	1.65
TT Monthly Totals	187.90	162.31	157.94	146.11
 Daily Means	6.06	5.24	5.09	4.71
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MAY

Year: 2006

Country: CHILE

Daily Totals				
Latitude	53°00' S			
Longitude	70°51' W			
Elevation	37 m			
Station	PUNTA ARENAS			
Date				
1	5.87			
2	4.92			
3	3.02			
4	4.10			
5	3.22			
6	1.33			
7	2.64			
8	3.77			
9	4.80			
10	3.51			
11	2.91			
12	1.23			
13	1.93			
14	2.23			
15	1.55			
16	3.36			
17	3.82			
18	3.92			
19	3.61			
20	4.00			
21	3.75			
22	3.71			
23	1.75			
24	1.34			
25	3.44			
26	1.62			
27	3.30			
28	3.22			
29	1.94			
30	1.72			
31	0.24			
TT Monthly Totals	91.77			
Daily Means	2.96			
SS Monthly Totals				
Daily Means				
Types of	PYRANOMETER			
Instruments	PSP EPPLEY			

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JUNE Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	22°29' S	23°26' S	33°27' S
Longitude	70°19' W	68°54' W	70°26' W	70°42' W
Elevation	58 m	2270 m	135 m	520 m
Station	ARICA	CALAMA	ANTOFAGASTA	QUINTA NORMAL
Date				
1	.	16.12	12.10	3.75
2	.	.	4.32	4.98
3	.	.	15.43	7.59
4	.	.	14.03	7.16
5	.	.	7.76	1.92
6	.	.	16.10	0.91
7	.	.	15.89	0.90
8	.	.	15.60	1.34
9	.	.	14.95	7.06
10	.	.	14.21	4.00
11	.	.	15.23	2.61
12	.	.	14.09	3.59
13	.	.	14.40	3.21
14	.	.	12.04	8.09
15	.	17.21	15.51	7.19
16	.	17.19	11.93	8.83
17	.	17.07	14.53	6.26
18	.	17.05	13.73	5.67
19	.	17.11	14.23	4.60
20	.	17.22	13.45	4.07
21	.	17.26	14.41	6.23
22	.	16.87	14.90	9.21
23	.	16.86	15.22	6.61
24	.	16.86	15.33	0.86
25	.	16.83	15.35	9.71
26	.	16.96	12.38	9.38
27	.	16.95	14.90	8.86
28	.	16.95	15.02	8.95
29	.	16.81	13.97	1.37
30	.	16.91	0.00	4.44
31				
TT Monthly Totals	.	.	400.99	159.32
Daily Means	.	.	13.37	5.31
SS Monthly Totals				
Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

**DIRECCION METEOROLOGICA DE CHILE
SUBDIRECCION DE CLIMAT. Y MET. APLICADA
DEPTO. CLIMATOLOGIA**

**WMO
Total radiation (sun and sky) T,MJ/m2
Duration of sunshine ss, hours**

Month: JUNE Year: 2006 Country: CHILE

Daily Totals				
Latitude	34°58' S	36°46' S	41°25' S	45°35' S
Longitude	71°14' W	73°03' W	73°05' W	72°07' W
Elevation	228 m	12 m	85 m	310 m
Station	CURICO	CONCEPCION	PUERTO MONTT	COYHAIQUE
Date				
1	1.72	3.70	4.67	3.98
2	8.75	6.22	5.19	3.18
3	2.52	2.54	1.53	3.77
4	7.51	6.61	4.92	5.19
5	0.55	1.65	1.96	2.17
6	0.85	0.68	0.85	1.55
7	0.49	1.78	3.64	0.96
8	1.50	6.74	5.97	5.02
9	9.07	6.40	6.64	4.84
10	2.58	3.54	3.03	3.73
11	2.68	1.15	0.81	3.00
12	1.16	0.97	5.76	3.92
13	1.98	2.94	3.86	3.56
14	7.53	0.75	5.59	4.46
15	5.49	6.31	4.93	4.23
16	8.07	4.17	4.78	3.72
17	1.45	5.69	2.22	1.63
18	2.18	2.46	1.14	1.10
19	5.31	5.05	3.36	4.52
20	5.43	3.75	4.35	4.41
21	7.59	7.22	2.18	1.04
22	6.89	6.46	1.98	3.83
23	3.74	0.88	1.35	0.95
24	1.47	0.83	1.00	2.99
25	8.36	2.22	1.06	1.77
26	7.15	7.17	2.49	1.54
27	2.26	2.37	3.25	1.91
28	8.44	6.83	5.42	1.38
29	1.13	0.96	0.86	1.78
30	3.56	2.53	2.93	3.51
31				
TT Monthly Totals	127.43	110.57	97.71	89.63
 Daily Means	4.25	3.69	3.26	2.99
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY	PYRANOMETER PSP EPPLEY

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JUNE

Year: 2006

Country: CHILE

Daily Totals				
Latitude	53°00' S			
Longitude	70°51' W			
Elevation	37 m			
Station	PUNTA ARENAS			
Date				
1	1.57			
2	2.89			
3	1.09			
4	2.74			
5	2.64			
6	3.55			
7	0.58			
8	2.38			
9	1.71			
10	2.60			
11	2.19			
12	0.97			
13	1.60			
14	2.06			
15	2.12			
16	0.92			
17	0.87			
18	2.45			
19	2.38			
20	1.53			
21	2.48			
22	1.67			
23	2.50			
24	2.74			
25	2.02			
26	1.49			
27	0.62			
28	0.63			
29	0.52			
30	0.95			
31				
TT Monthly Totals	54.48			
Daily Means	1.82			
SS Monthly Totals				
Daily Means				
Types of Instruments	PYRANOMETER PSP EPPLEY			

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JANUARY Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	20°32' S	22°28' S	23°26' S
Longitude	70°19'W	72°10' W	68°55' W	70°26' W
Elevation	58 m	52 m	270 m	135 m
Station	ARICA	IQUIQUE	CALAMA	ANTOFAGASTA
Date				
1	10.9	11.9	11.9	9.9
2	8.4	12.1	9.0	11.3
3	7.7	11.6	9.5	11.4
4	7.6	11.3	12.1	10.7
5	8.5	8.7	12.1	3.2
6	11.5	11.7	12.2	11.7
7	11.2	10.9	10.1	11.7
8	10.0	11.8	11.2	11.6
9	10.9	11.7	12.2	11.5
10	11.1	11.8	11.8	11.7
11	9.4	11.5	11.9	9.4
12	9.9	11.8	12.1	11.5
13	3.8	9.6	11.4	10.9
14	0.0	1.2	9.6	11.6
15	6.2	5.0	8.4	11.3
16	6.0	10.1	12.1	10.9
17	6.7	9.1	11.7	11.2
18	9.1	11.3	12.1	10.8
19	10.7	11.5	12.4	10.3
20	10.7	12.0	12.1	11.4
21	10.0	11.8	9.7	11.5
22	11.5	11.6	12.2	11.6
23	9.7	8.2	12.0	11.6
24	5.7	11.2	10.3	8.8
25	6.8	10.3	8.3	11.1
26	6.6	8.6	10.2	9.0
27	0.9	4.6	7.6	7.6
28	9.7	10.5	8.5	8.4
29	11.4	11.6	11.6	10.2
30	6.9	10.6	10.9	9.1
31	9.8	9.0	12.0	7.7
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	259.3	314.6	339.2	320.6
 Daily Means	8.4	10.1	10.9	10.3
Types of	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH
Instruments	CAMPBELL	CAMPBELL	CAMPBELL	CAMPBELL
	STOKES	STOKES	STOKES	STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JANUARY

Year: 2006

Country: CHILE

Daily Totals				
Latitude	27°10' S	29°57' S	33°23' S	33°27' S
Longitude	109°26' W	71°22' W	70°47' W	70°42' W
Elevation	47 m	25 m	474 m	520 m
Station	ISLA DE PASCUA	LA SERENA	PUDAHUEL	QUINTA NORMAL
Date				
1	8.4	12.9	12.7	12.4
2	11.7	11.4	12.9	12.0
3	12.1	7.1	12.9	12.6
4	12.0	4.3	12.2	11.7
5	11.6	0.2	12.8	12.4
6	11.3	7.3	12.6	12.0
7	12.7	9.1	12.8	12.7
8	12.6	12.8	12.6	12.1
9	11.9	12.2	12.9	12.1
10	9.5	12.8	12.1	11.7
11	6.5	9.8	12.8	12.1
12	8.6	11.8	12.7	11.9
13	5.9	8.1	12.6	11.9
14	12.0	5.9	12.6	11.8
15	10.1	12.4	12.7	11.9
16	10.3	12.5	12.9	11.8
17	12.6	9.2	12.2	11.6
18	11.7	6.2	12.4	11.4
19	12.1	10.6	12.1	11.1
20	0.8	12.5	12.5	11.4
21	10.5	8.4	13.2	11.4
22	12.4	12.3	11.8	9.4
23	12.2	9.1	11.6	11.2
24	12.5	7.1	12.5	12.2
25	5.2	9.2	12.5	11.4
26	12.1	3.9	12.6	11.3
27	8.8	5.6	12.1	10.9
28	9.3	8.6	9.7	9.8
29	12.5	6.8	11.2	10.8
30	12.5	7.2	12.2	11.1
31	12.0	4.9	11.2	11.3
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	324.4	272.2	382.6	359.4
 Daily Means	10.5	8.8	12.3	11.6
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JANUARY Year: 2006 Country: CHILE

Daily Totals				
Latitude	33°37' S	33°39' S	34°58' S	36°36' S
Longitude	78°50' W	71°36' W	71°12' W	72°26' W
Elevation	30 m	74 m	225 m	124 m
Station	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	CHILLAN
Date				
1	8.0	13.0	12.7	11.6
2	9.9	13.1	12.5	11.9
3	7.5	12.0	11.1	11.5
4	2.6	11.3	10.1	6.7
5	2.7	11.8	12.8	6.8
6	10.5	13.1	13.1	10.5
7	1.6	11.3	9.1	8.7
8	4.4	12.3	13.0	10.8
9	8.3	12.6	12.3	2.2
10	8.0	13.0	10.3	12.4
11	9.5	12.8	13.1	12.6
12	7.0	13.0	12.1	13.3
13	7.1	12.7	13.1	13.4
14	11.2	8.6	12.8	12.5
15	9.3	13.0	13.2	11.2
16	6.3	12.7	13.2	13.4
17	8.7	10.5	13.2	12.8
18	8.9	5.2	12.8	10.7
19	6.8	6.7	12.5	9.1
20	0.8	12.3	12.9	12.7
21	8.4	11.8	13.0	13.1
22	0.5	12.4	12.9	10.7
23	5.6	12.5	12.9	12.9
24	3.1	10.6	13.0	13.2
25	10.0	12.7	13.0	13.0
26	11.3	7.9	13.0	12.9
27	10.9	0.0	12.5	12.8
28	9.9	3.6	6.4	11.1
29	8.9	0.0	2.7	11.5
30	9.2	2.2	12.7	12.7
31	3.1	1.6	12.8	12.7
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	220.0	306.3	370.8	351.4
 Daily Means	7.1	9.9	12.0	11.3
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JANUARY

Year: 2006

Country: CHILE

Daily Totals				
Latitude	36°46' S	38°45' S	39°41' S	41°26' S
Longitude	73°03' W	72°38' W	73°04' W	73°07' W
Elevation	12 m	114 m	19 m	81 m
Station	CONCEPCION	TEMUCO	VALDIVIA	PUERTO MONTT
Date				
1	8.2	9.0	9.9	5.6
2	12.6	10.2	11.6	9.7
3	9.2	5.4	2.6	0.6
4	5.2	0.0	0.0	0.0
5	11.0	0.2	4.8	9.5
6	0.0	10.1	10.5	4.3
7	12.1	3.4	3.6	2.7
8	10.9	5.7	6.7	1.9
9	3.5	7.8	9.0	9.2
10	12.7	11.1	9.9	7.4
11	12.9	9.2	5.6	1.7
12	12.8	10.0	10.8	9.6
13	12.6	11.2	12.3	13.6
14	12.7	9.5	4.7	2.8
15	12.8	9.9	11.8	10.6
16	12.8	11.3	12.8	13.5
17	9.1	11.3	12.5	11.8
18	2.6	4.4	5.3	6.3
19	12.1	10.4	11.9	11.1
20	12.6	11.3	12.6	12.7
21	11.8	11.2	12.5	13.0
22	12.1	9.3	9.0	3.1
23	12.6	11.4	8.7	9.5
24	12.5	10.2	12.6	0.0
25	12.5	11.2	13.1	13.5
26	12.5	11.2	12.7	12.4
27	11.3	11.3	12.7	10.5
28	1.1	11.3	12.3	7.5
29	11.7	10.4	11.5	12.2
30	12.5	11.3	12.0	12.4
31	6.3	11.2	12.3	13.2
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	315.3	281.4	298.3	251.9
 Daily Means	10.2	9.1	9.6	8.1
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JANUARY

Year: 2006

Country: CHILE

Daily Totals				
Latitude	45°35' S	53°08' S		
Longitude	72°07'W	70°58' W		
Elevation	310 m	37 m		
Station	COYHAIQUE	PUNTA ARENAS		
Date				
1	5.4	14.3		
2	7.5	1.9		
3	1.6	3.0		
4	11.9	14.6		
5	7.7	3.0		
6	5.9	6.9		
7	1.3	12.1		
8	0.0	9.1		
9	0.0	8.7		
10	3.3	9.8		
11	2.1	11.2		
12	9.7	2.1		
13	10.0	13.1		
14	5.3	2.3		
15	4.8	11.4		
16	9.0	5.5		
17	13.1	0.9		
18	6.7	1.4		
19	5.9	2.4		
20	12.0	8.8		
21	12.6	12.8		
22	2.6	11.3		
23	8.5	8.0		
24	9.4	3.1		
25	12.6	5.4		
26	12.9	1.2		
27	5.6	3.2		
28	10.1	5.3		
29	10.8	2.8		
30	12.9	8.0		
31	12.4	12.8		
TT Monthly Totals				
Daily Means				
SS Monthly Totals	233.6	216.4		
Daily Means	7.5	7.0		
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES		

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: FEBRUARY Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	20°32' S	22°28' S	23°26' S
Longitude	70°19'W	72°10' W	68°55' W	70°26' W
Elevation	58 m	52 m	270 m	135 m
Station	ARICA	IQUIQUE	CALAMA	ANTOFAGASTA
Date				
1	8.6	5.3	10.9	10.3
2	10.5	8.3	8.5	9.6
3	3.1	9.7	10.8	9.9
4	4.9	10.2	10.9	10.7
5	6.7	8.4	8.9	11.0
6	7.4	10.8	9.0	10.7
7	6.9	10.0	9.9	10.4
8	5.3	10.1	10.6	10.4
9	5.3	9.0	10.8	10.8
10	7.6	9.8	10.3	10.8
11	10.9	10.5	11.2	11.0
12	9.9	11.2	9.5	10.0
13	11.5	11.5	9.2	11.2
14	9.3	9.0	8.4	11.1
15	11.6	12.1	11.1	11.5
16	11.8	11.7	11.2	10.8
17	11.8	11.6	12.1	10.9
18	11.6	11.2	10.1	10.5
19	11.6	11.3	11.4	10.7
20	11.0	11.4	12.1	9.8
21	9.8	11.3	12.0	9.3
22	10.8	11.0	11.2	11.4
23	5.4	4.0	13.0	11.2
24	9.1	10.8	11.6	11.0
25	10.4	11.1	10.9	10.8
26	11.0	11.3	11.9	10.7
27	11.2	11.4	11.7	10.8
28	10.5	11.3	11.6	11.0
29				
30				
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	255.5	285.3	300.8	298.3
 Daily Means	9.1	10.2	10.7	10.7
Types of Instruments	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH
	CAMPBELL	CAMPBELL	CAMPBELL	CAMPBELL
	STOKES	STOKES	STOKES	STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: FEBRUARY Year: 2006 Country: CHILE

Daily Totals				
Latitude	27°10' S	29°57' S	33°23' S	33°27' S
Longitude	109°26' W	71°22' W	70°47' W	70°42' W
Elevation	47 m	25 m	474 m	520 m
Station	ISLA DE PASCUA	LA SERENA	PUDAHUEL	QUINTA NORMAL
Date				
1	12.6	7.4	8.6	6.1
2	12.5	4.1	6.4	6.2
3	12.1	12.3	8.1	8.1
4	11.7	8.1	11.8	10.0
5	12.9	6.0	12.1	11.0
6	11.1	4.2	12.0	11.0
7	10.8	7.5	11.3	11.1
8	10.5	5.7	12.0	11.0
9	11.7	5.4	12.2	11.0
10	12.4	5.4	12.0	10.9
11	10.6	6.1	12.0	11.0
12	6.8	1.4	11.0	10.7
13	10.6	12.1	11.2	11.0
14	13.0	12.0	9.3	8.6
15	11.5	11.2	10.3	10.4
16	13.5	12.3	11.3	10.7
17	8.6	10.5	11.9	11.1
18	6.6	5.9	10.1	10.9
19	12.3	6.2	11.8	10.7
20	13.2	11.9	11.6	10.7
21	11.3	12.1	6.8	6.7
22	6.0	12.3	10.0	5.8
23	7.6	12.1	11.8	10.5
24	8.8	5.3	11.8	10.4
25	8.4	5.4	11.6	10.6
26	11.6	9.9	3.2	2.7
27	10.7	8.3	10.3	10.4
28	11.1	11.1	11.5	10.5
29				
30				
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	300.5	232.2	294.0	269.8
 Daily Means	10.7	8.3	10.5	9.6
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: FEBRUARY Year: 2006 Country: CHILE

Daily Totals				
Latitude	33°37' S	33°39' S	34°58' S	36°36' S
Longitude	78°50' W	71°36' W	71°12' W	72°26' W
Elevation	30 m	74 m	225 m	124 m
Station	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	CHILLAN
Date				
1	0.2	0.3	12.2	11.9
2	0.5	5.3	1.0	11.8
3	7.4	1.3	10.5	11.7
4	7.3	2.4	12.0	11.2
5	2.7	11.9	12.0	12.6
6	1.6	5.5	12.8	12.6
7	6.9	7.2	6.8	9.4
8	6.8	12.2	12.7	12.5
9	9.6	10.7	12.9	12.3
10	11.0	8.9	12.5	12.2
11	6.2	1.0	12.2	11.6
12	8.4	0.0	12.2	10.5
13	3.5	4.4	10.1	11.6
14	6.1	0.0	12.2	10.7
15	4.5	7.9	8.3	9.5
16	5.2	9.8	11.9	7.2
17	4.1	11.3	12.6	11.0
18	8.2	11.1	12.2	10.0
19	4.7	10.5	12.4	11.1
20	7.2	0.2	11.6	11.5
21	9.4	10.6	5.7	9.3
22	8.1	9.6	5.9	8.6
23	8.4	12.0	9.4	11.1
24	9.8	7.1	12.1	11.3
25	1.1	5.8	11.4	11.2
26	0.5	1.1	0.2	2.5
27	3.6	11.3	9.6	11.7
28	3.9	11.3	12.2	10.6
29				
30				
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	156.9	190.7	287.6	299.2
Daily Means	5.6	6.8	10.3	10.7
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: FEBRUARY Year: 2006 Country: CHILE

Daily Totals				
Latitude	36°46' S	38°45' S	39°41' S	41°26' S
Longitude	73°03' W	72°38' W	73°04' W	73°07' W
Elevation	12 m	114 m	19 m	81 m
Station	CONCEPCION	TEMUCO	VALDIVIA	PUERTO MONTT
Date				
1	8.2	11.1	12.1	10.3
2	1.8	11.0	12.3	10.6
3	6.4	6.1	7.2	13.2
4	10.5	8.5	7.4	2.0
5	12.4	9.3	11.0	2.0
6	11.7	11.4	12.3	11.1
7	10.2	5.4	7.8	9.3
8	12.5	11.0	12.1	11.8
9	12.4	10.8	12.5	10.5
10	12.6	10.8	12.5	12.8
11	11.3	10.8	10.6	2.6
12	11.2	9.6	10.3	12.5
13	3.8	11.4	12.4	12.8
14	3.2	9.1	11.9	9.2
15	0.2	6.3	8.2	0.9
16	5.3	4.8	3.5	11.3
17	9.3	9.0	5.3	8.0
18	9.8	6.9	9.2	0.0
19	11.6	10.7	10.0	7.0
20	11.2	7.7	6.3	2.8
21	4.1	4.1	3.3	0.9
22	11.6	8.1	4.1	6.0
23	11.8	9.4	9.6	11.8
24	11.9	11.3	11.9	11.3
25	10.8	7.4	4.0	6.1
26	6.5	7.7	10.2	6.8
27	11.8	4.0	4.0	1.2
28	11.1	6.6	2.4	0.0
29				
30				
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	255.2	240.3	244.4	204.8
 Daily Means	9.1	8.6	8.7	7.3
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: FEBRUARY

Year: 2006

Country: CHILE

Daily Totals			
Latitude	45°35' S	53°08' S	
Longitude	72°07'W	70°58' W	
Elevation	310 m	37 m	
Station	COYHAIQUE	PUNTA ARENAS	
Date			
1	12.8	8.4	
2	12.4	11.4	
3	12.7	0.0	
4	4.4	0.0	
5	1.8	2.9	
6	4.7	1.2	
7	11.4	7.8	
8	9.9	10.8	
9	8.2	1.0	
10	11.0	9.3	
11	9.9	5.2	
12	12.3	4.8	
13	12.1	8.0	
14	7.3	10.5	
15	6.5	10.6	
16	10.3	4.1	
17	6.8	4.8	
18	8.7	10.7	
19	2.7	9.4	
20	0.0	9.4	
21	0.0	12.3	
22	0.0	13.2	
23	4.6	6.6	
24	6.6	1.8	
25	8.6	8.0	
26	4.2	7.4	
27	5.2	10.8	
28	3.3	4.8	
29			
30			
31			
TT Monthly Totals			
Daily Means			
SS Monthly Totals	198.4	195.2	
Daily Means	7.1	7.0	
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MARCH Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	20°32' S	22°28' S	23°26' S
Longitude	70°19'W	72°10' W	68°55' W	70°26' W
Elevation	58 m	52 m	270 m	135 m
Station	ARICA	IQUIQUE	CALAMA	ANTOFAGASTA
Date				
1	9.8	10.8	11.1	9.9
2	9.9	9.8	11.5	10.8
3	8.7	10.2	11.4	10.6
4	6.1	10.9	11.2	8.5
5	8.9	10.8	11.5	8.9
6	5.5	7.5	11.4	6.5
7	5.1	0.3	11.4	8.3
8	7.8	10.4	11.2	9.9
9	3.8	9.6	11.1	9.9
10	9.4	10.5	10.9	10.2
11	0.1	8.2	11.2	10.5
12	10.3	10.5	10.7	9.0
13	10.0	11.3	10.0	8.7
14	10.2	10.7	10.7	10.0
15	10.6	10.5	10.6	8.8
16	10.1	10.5	10.3	9.1
17	5.6	5.6	8.4	8.1
18	9.6	8.7	10.2	9.1
19	7.8	9.2	10.8	7.8
20	9.1	10.0	10.8	7.8
21	7.7	10.1	10.5	8.0
22	7.5	6.0	10.8	3.0
23	5.3	2.0	10.6	3.6
24	4.8	6.1	10.9	6.8
25	9.4	9.2	10.8	9.0
26	9.7	10.2	10.4	10.5
27	10.1	9.9	10.8	10.5
28	9.8	10.1	10.5	10.4
29	8.4	10.3	10.8	9.9
30	10.1	9.2	10.9	9.9
31	11.0	9.8	10.5	9.7
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	252.2	278.9	333.9	273.7
 Daily Means	8.1	9.0	10.8	8.8
Types of	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH
Instruments	CAMPBELL	CAMPBELL	CAMPBELL	CAMPBELL
	STOKES	STOKES	STOKES	STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MARCH Year: 2006 Country: CHILE

Daily Totals				
Latitude	27°10' S	29°57' S	33°23' S	33°27' S
Longitude	109°26' W	71°22' W	70°47' W	70°42' W
Elevation	47 m	25 m	474 m	520 m
Station	ISLA DE PASCUA	LA SERENA	PUDAHUEL	QUINTA NORMAL
Date				
1	9.9	10.2	9.9	10.3
2	10.4	11.7	11.0	10.3
3	11.6	11.7	11.0	10.4
4	7.0	8.4	11.2	10.3
5	8.9	10.6	9.6	10.0
6	10.2	11.1	11.0	10.1
7	8.0	10.5	10.6	10.1
8	10.8	11.2	11.1	10.2
9	10.3	11.1	11.1	10.0
10	9.2	10.1	10.4	9.4
11	10.9	10.9	11.0	9.6
12	9.7	9.0	10.8	9.7
13	10.3	11.0	10.1	9.2
14	11.3	9.7	10.7	9.2
15	10.8	10.6	10.8	9.4
16	0.0	11.1	11.0	9.0
17	3.6	11.0	10.9	9.1
18	7.0	10.8	11.0	8.9
19	9.1	7.7	10.7	8.9
20	4.9	4.0	10.9	8.8
21	11.1	2.8	10.7	8.5
22	11.1	10.3	10.7	8.5
23	5.6	8.0	10.2	8.5
24	5.5	9.5	10.2	8.7
25	7.8	1.9	10.5	9.0
26	9.1	4.4	9.8	7.9
27	10.2	7.0	10.7	8.9
28	10.2	5.8	10.6	8.8
29	10.6	0.0	10.3	8.6
30	10.7	2.1	6.3	7.0
31	10.6	9.6	9.6	8.6
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	276.4	263.8	324.4	285.9
 Daily Means	8.9	8.5	10.5	9.2
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MARCH Year: 2006 Country: CHILE

Daily Totals				
Latitude	33°37' S	33°39' S	34°58' S	36°36' S
Longitude	78°50' W	71°36' W	71°12' W	72°26' W
Elevation	30 m	74 m	225 m	124 m
Station	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	CHILLAN
Date				
1	7.3	9.2	11.2	10.3
2	5.7	8.0	11.8	9.7
3	2.8	11.4	11.2	10.7
4	8.8	0.2	11.8	11.0
5	8.0	9.4	10.7	10.8
6	2.5	10.8	7.7	3.8
7	9.1	8.3	9.2	10.4
8	3.7	11.3	11.7	5.5
9	1.2	10.9	8.9	9.5
10	6.4	9.9	10.9	10.6
11	9.4	11.5	10.3	11.1
12	3.3	6.1	11.0	9.8
13	6.2	9.8	10.3	4.1
14	8.2	10.9	8.6	9.2
15	9.3	10.8	6.7	9.9
16	6.9	10.5	7.2	4.2
17	6.3	11.0	10.4	10.3
18	2.1	10.8	10.9	11.4
19	2.7	0.0	7.2	9.5
20	4.7	2.4	10.4	8.6
21	0.3	7.9	10.0	7.0
22	0.3	10.8	10.0	8.0
23	4.6	8.0	10.3	6.8
24	6.3	11.0	7.3	10.9
25	9.3	11.3	10.0	11.0
26	1.5	11.2	10.6	10.9
27	1.9	10.7	8.1	10.5
28	9.0	10.6	10.0	10.2
29	3.4	4.3	10.6	9.8
30	3.2	5.8	2.0	1.5
31	5.4	10.7	6.1	9.0
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	159.8	275.5	293.1	276.0
 Daily Means	5.2	8.9	9.5	8.9
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MARCH Year: 2006 Country: CHILE

Daily Totals				
Latitude	36°46' S	38°45' S	39°41' S	41°26' S
Longitude	73°03' W	72°38' W	73°04' W	73°07' W
Elevation	12 m	114 m	19 m	81 m
Station	CONCEPCION	TEMUCO	VALDIVIA	PUERTO MONTT
Date				
1	10.8	7.7	9.1	6.8
2	11.0	7.9	7.8	4.7
3	11.4	6.3	9.5	2.8
4	11.3	7.9	8.8	10.1
5	9.9	9.0	2.7	0.0
6	5.1	7.0	10.3	6.2
7	10.9	4.5	1.2	0.0
8	0.8	1.8	3.6	6.1
9	10.9	9.2	7.0	3.4
10	11.0	4.7	10.7	4.4
11	11.5	9.3	3.0	2.5
12	10.9	8.1	5.2	4.3
13	7.8	4.3	3.4	5.6
14	10.9	8.2	4.2	3.5
15	10.5	8.5	8.8	8.0
16	6.7	0.1	0.0	1.2
17	10.7	8.1	4.5	3.1
18	11.2	9.5	10.0	4.6
19	10.3	5.1	4.0	6.2
20	9.3	8.8	6.3	10.2
21	8.0	2.9	1.4	4.7
22	10.1	7.5	6.1	2.3
23	6.3	1.1	0.5	1.6
24	10.3	8.7	6.8	8.4
25	10.8	9.4	6.9	4.6
26	9.9	4.8	5.4	3.4
27	9.9	9.6	10.5	7.4
28	10.6	9.5	10.1	8.9
29	6.3	5.8	0.0	2.2
30	1.6	0.2	10.5	4.7
31	6.9	5.4	1.2	6.5
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	283.6	200.9	179.5	148.4
 Daily Means	9.1	6.5	5.8	4.8
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MARCH

Year: 2006

Country: CHILE

Daily Totals			
Latitude	45°35' S	53°08' S	
Longitude	72°07'W	70°58' W	
Elevation	310 m	37 m	
Station	COYHAIQUE	PUNTA ARENAS	
Date			
1	10.0	2.7	
2	8.5	10.7	
3	4.6	9.3	
4	9.4	0.4	
5	1.8	9.6	
6	5.4	3.2	
7	1.4	7.5	
8	7.9	4.6	
9	2.9	2.8	
10	9.1	0.3	
11	3.9	6.9	
12	0.7	1.4	
13	5.5	5.8	
14	3.0	9.2	
15	8.7	1.0	
16	1.4	2.8	
17	6.1	7.4	
18	4.1	0.4	
19	7.7	5.7	
20	9.4	5.2	
21	5.9	5.1	
22	3.5	5.6	
23	2.8	6.8	
24	1.4	8.6	
25	3.8	3.3	
26	5.5	0.0	
27	0.7	2.5	
28	9.0	1.0	
29	9.2	7.8	
30	7.0	0.0	
31	6.8	5.7	
TT Monthly Totals			
Daily Means			
SS Monthly Totals	167.1	143.3	
Daily Means	5.4	4.6	
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: APRIL Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	20°32' S	22°28' S	23°26' S
Longitude	70°19'W	72°10' W	68°55' W	70°26' W
Elevation	58 m	52 m	270 m	135 m
Station	ARICA	IQUIQUE	CALAMA	ANTOFAGASTA
Date				
1	9.2	9.4	6.7	10.0
2	10.0	9.1	10.2	9.4
3	6.7	9.5	10.7	3.2
4	10.5	10.3	10.7	10.0
5	10.0	10.1	11.0	5.9
6	9.8	10.1	10.9	8.8
7	10.0	10.2	10.9	10.5
8	7.1	8.8	11.0	8.7
9	9.1	10.2	11.0	7.4
10	10.4	9.7	11.0	10.3
11	7.3	9.9	10.8	8.4
12	10.3	9.2	10.8	10.4
13	9.4	3.9	7.6	9.6
14	6.9	10.0	11.0	10.0
15	9.6	10.0	10.2	9.4
16	7.0	10.2	11.0	10.3
17	7.1	10.1	10.9	6.8
18	6.9	7.8	10.7	5.7
19	3.9	1.1	11.1	6.6
20	4.4	8.9	11.0	8.1
21	8.5	9.9	10.4	9.0
22	7.0	10.1	10.8	9.1
23	7.0	6.5	10.5	8.3
24	10.0	9.1	10.6	10.4
25	9.8	10.1	10.6	5.7
26	8.7	9.7	10.5	6.9
27	10.1	9.9	10.4	10.0
28	9.1	10.1	10.4	10.2
29	8.7	9.8	10.1	5.9
30	7.4	7.4	10.2	0.0
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	251.9	271.1	313.7	245.0
 Daily Means	8.4	9.0	10.5	8.2
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: APRIL Year: 2006 Country: CHILE

Daily Totals				
Latitude	27°10' S	29°57' S	33°23' S	33°27' S
Longitude	109°26' W	71°22' W	70°47' W	70°42' W
Elevation	47 m	25 m	474 m	520 m
Station	ISLA DE PASCUA	LA SERENA	PUDAHUEL	QUINTA NORMAL
Date				
1	6.2	0.0	10.9	8.8
2	10.7	8.9	5.7	4.6
3	8.4	0.0	10.1	8.8
4	9.0	0.0	10.0	8.5
5	4.3	0.0	9.9	8.6
6	5.4	0.0	9.9	8.5
7	10.3	3.4	6.6	7.3
8	10.5	9.9	10.0	8.7
9	6.3	2.6	10.1	8.5
10	8.1	0.9	9.2	8.8
11	5.5	5.0	7.1	6.0
12	9.3	4.9	0.8	0.0
13	10.4	8.3	1.2	0.9
14	8.1	10.4	9.9	8.7
15	9.3	10.3	10.3	9.0
16	8.6	6.4	10.4	9.0
17	10.7	0.0	10.3	8.9
18	8.6	1.5	0.0	0.0
19	5.3	8.7	3.2	0.9
20	10.3	9.9	6.2	6.4
21	10.2	7.8	8.5	8.4
22	9.0	5.5	10.1	8.5
23	6.2	0.0	10.1	8.3
24	2.8	4.6	9.2	8.1
25	0.3	3.4	9.7	8.3
26	9.1	2.0	9.9	8.2
27	6.3	5.7	9.2	8.0
28	7.9	9.1	4.6	4.9
29	5.2	4.6	7.6	7.6
30	1.7	0.0	9.2	8.2
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	224.0	133.8	239.9	209.4
 Daily Means	7.5	4.5	8.0	7.0
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: APRIL Year: 2006 Country: CHILE

Daily Totals				
Latitude	33°37' S	33°39' S	34°58' S	36°36' S
Longitude	78°50' W	71°36' W	71°12' W	72°26' W
Elevation	30 m	74 m	225 m	124 m
Station	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	CHILLAN
Date				
1	5.2	3.3	9.8	5.3
2	9.3	4.3	8.5	9.1
3	7.4	0.0	9.2	9.5
4	7.5	7.1	5.9	10.2
5	0.5	10.4	8.0	9.7
6	1.2	8.8	10.1	9.4
7	4.7	8.2	8.2	8.8
8	2.5	10.7	9.4	9.1
9	7.2	0.0	9.7	9.1
10	4.2	0.0	8.7	6.9
11	0.2	0.5	1.0	0.3
12	6.2	1.3	0.0	0.3
13	6.8	9.6	5.8	1.7
14	7.3	9.6	7.8	8.6
15	6.0	9.8	9.3	9.1
16	8.6	10.5	9.4	8.2
17	6.8	7.8	9.0	6.7
18	1.7	0.0	0.0	0.0
19	5.3	1.8	0.0	0.5
20	5.0	8.8	8.0	8.1
21	8.3	10.6	9.3	8.6
22	5.6	10.5	6.0	8.6
23	8.4	8.7	5.9	10.2
24	3.4	3.0	9.3	6.1
25	7.7	10.4	7.0	8.3
26	4.7	7.1	7.2	9.5
27	2.7	0.0	5.6	3.3
28	4.3	5.5	3.4	6.6
29	5.4	9.4	4.6	9.1
30	5.3	9.3	0.0	9.4
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	159.4	187.0	196.1	210.3
Daily Means	5.3	6.2	6.5	7.0
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: APRIL Year: 2006 Country: CHILE

Daily Totals				
Latitude	36°46' S	38°45' S	39°41' S	41°26' S
Longitude	73°03' W	72°38' W	73°04' W	73°07' W
Elevation	12 m	114 m	19 m	81 m
Station	CONCEPCION	TEMUCO	VALDIVIA	PUERTO MONTT
Date				
1	10.0	8.7	9.4	5.8
2	5.7	8.8	9.9	10.1
3	3.4	0.8	2.2	2.6
4	10.0	8.4	5.8	4.0
5	9.9	8.0	6.4	2.7
6	9.9	8.3	7.9	2.6
7	9.8	4.6	1.1	0.0
8	9.5	7.0	6.4	4.2
9	9.2	8.8	6.5	7.6
10	6.5	6.2	2.2	0.3
11	8.1	0.0	0.0	1.5
12	0.0	0.1	0.0	0.3
13	8.6	4.9	7.6	6.5
14	10.0	7.4	4.0	6.0
15	9.8	9.5	9.7	6.3
16	10.4	7.9	4.9	6.6
17	7.5	1.8	0.0	0.6
18	0.0	0.0	0.0	1.1
19	0.8	3.7	4.1	2.6
20	7.6	2.9	7.2	4.0
21	6.7	0.9	0.6	0.0
22	6.3	5.7	7.2	8.0
23	9.6	5.7	4.8	0.6
24	5.8	0.6	0.0	0.0
25	0.6	7.0	2.9	0.2
26	8.8	2.5	2.1	0.2
27	0.0	0.0	1.7	6.4
28	7.5	6.6	7.7	6.1
29	9.7	8.0	9.5	9.1
30	9.4	8.7	8.3	7.3
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	211.1	153.5	140.1	113.3
 Daily Means	7.0	5.1	4.7	3.8
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: APRIL

Year: 2006

Country: CHILE

Daily Totals			
Latitude	45°35' S	53°08' S	
Longitude	72°07'W	70°58' W	
Elevation	310 m	37 m	
Station	COYHAIQUE	PUNTA ARENAS	
Date			
1	5.1	0.4	
2	8.8	6.4	
3	1.0	0.0	
4	4.4	6.4	
5	6.3	2.1	
6	6.7	3.2	
7	8.6	5.0	
8	3.8	6.9	
9	0.3	4.2	
10	0.0	9.1	
11	8.8	4.2	
12	8.3	5.3	
13	8.8	8.9	
14	8.8	7.8	
15	8.0	8.0	
16	8.9	1.0	
17	0.6	5.8	
18	1.9	0.0	
19	0.0	1.3	
20	6.9	0.6	
21	0.0	6.0	
22	8.2	7.0	
23	0.2	2.0	
24	5.8	6.8	
25	3.0	1.0	
26	5.6	7.8	
27	0.5	1.7	
28	6.5	0.4	
29	8.1	2.7	
30	5.3	6.6	
31			
TT Monthly Totals			
Daily Means			
SS Monthly Totals	149.2	128.6	
Daily Means	5.0	4.3	
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MAY Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	20°32' S	22°28' S	23°26' S
Longitude	70°19'W	72°10' W	68°55' W	70°26' W
Elevation	58 m	52 m	270 m	135 m
Station	ARICA	IQUIQUE	CALAMA	ANTOFAGASTA
Date				
1	9.8	7.4	8.9	4.4
2	10.1	9.8	10.1	9.8
3	10.0	10.0	9.8	9.7
4	10.2	10.2	10.5	10.3
5	10.8	10.2	10.5	9.6
6	10.1	6.9	10.4	10.0
7	5.2	9.7	10.5	6.5
8	4.7	9.9	10.5	7.7
9	10.2	10.0	10.2	8.1
10	9.9	10.0	10.3	9.4
11	7.8	8.8	10.3	7.4
12	4.3	9.8	10.3	8.1
13	6.7	9.8	9.5	7.0
14	5.0	9.7	10.4	8.0
15	7.1	9.9	10.4	8.6
16	6.3	7.8	10.4	8.1
17	9.6	9.6	10.3	7.6
18	5.0	8.4	10.2	9.1
19	5.0	9.4	10.3	8.2
20	9.8	9.6	10.1	8.5
21	9.6	9.6	10.1	9.8
22	8.6	8.6	8.0	9.1
23	6.5	8.9	9.8	6.1
24	4.3	8.1	10.1	5.9
25	5.4	5.8	10.1	7.0
26	3.2	2.3	10.2	4.3
27	4.5	3.3	10.0	7.6
28	8.9	5.8	9.9	6.7
29	8.0	6.4	8.6	7.1
30	6.7	8.8	9.4	9.3
31	3.4	5.5	9.9	6.6
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	226.7	260.0	310.0	245.6
 Daily Means	7.3	8.4	10.0	7.9
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MAY Year: 2006 Country: CHILE

Daily Totals				
Latitude	27°10' S	29°57' S	33°23' S	33°27' S
Longitude	109°26' W	71°22' W	70°47' W	70°42' W
Elevation	47 m	25 m	474 m	520 m
Station	ISLA DE PASCUA	LA SERENA	PUDAHUEL	QUINTA NORMAL
Date				
1	0.4	0.0	8.6	7.8
2	0.0	7.4	5.6	6.4
3	3.2	0.0	8.9	7.6
4	5.8	7.2	5.9	6.3
5	6.2	8.2	3.3	2.0
6	5.4	0.0	6.3	6.6
7	0.0	3.4	9.0	8.0
8	8.7	0.0	9.3	7.9
9	7.4	0.0	9.0	8.2
10	5.1	4.7	9.0	8.1
11	0.0	0.0	8.6	7.9
12	6.7	6.7	5.2	6.0
13	9.7	2.4	8.5	7.6
14	6.0	6.0	5.4	5.8
15	0.6	7.2	3.9	3.3
16	3.7	9.2	6.3	6.8
17	0.1	7.3	5.3	4.7
18	2.9	1.1	4.8	4.2
19	3.4	0.0	0.0	0.0
20	6.1	6.1	0.0	0.0
21	1.5	5.8	3.5	2.5
22	8.1	8.7	0.1	0.3
23	6.5	0.7	0.0	0.0
24	8.8	3.1	0.0	0.0
25	7.3	1.1	2.5	0.1
26	6.3	7.1	4.0	2.2
27	7.8	7.0	5.4	4.8
28	0.4	1.8	8.7	7.6
29	8.5	0.0	6.0	7.0
30	2.4	8.7	8.8	7.4
31	2.4	0.0	0.7	0.5
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	141.4	120.9	162.6	147.6
 Daily Means	4.6	3.9	5.2	4.8
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MAY Year: 2006 Country: CHILE

Daily Totals				
Latitude	33°37' S	33°39' S	34°58' S	36°36' S
Longitude	78°50' W	71°36' W	71°12' W	72°26' W
Elevation	30 m	74 m	225 m	124 m
Station	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	CHILLAN
Date				
1	3.6	0.0	9.0	9.1
2	5.8	0.0	3.2	2.7
3	5.3	0.0	3.5	4.0
4	4.9	0.0	0.0	2.3
5	6.0	0.0	2.8	0.0
6	4.8	0.0	2.6	5.3
7	3.0	0.0	6.8	4.5
8	6.8	0.0	8.5	6.1
9	2.0	0.0	8.6	7.9
10	4.9	0.0	8.3	6.4
11	3.3	0.0	8.2	4.5
12	4.0	0.0	0.0	0.0
13	0.0	0.0	1.7	0.0
14	0.0	0.0	1.2	0.0
15	4.2	2.2	0.0	0.0
16	3.5	7.6	8.0	4.9
17	5.1	8.9	5.6	5.9
18	3.2	5.1	4.2	8.6
19	2.5	0.0	0.0	1.7
20	0.0	0.7	0.0	5.2
21	2.0	7.2	2.7	3.1
22	0.0	0.3	1.1	0.0
23	0.0	0.3	0.0	0.0
24	0.5	0.0	0.0	0.1
25	6.0	0.0	0.0	0.0
26	6.3	0.0	4.9	0.2
27	3.7	7.5	2.1	5.3
28	4.5	0.0	1.2	0.0
29	0.8	6.7	3.7	0.4
30	4.8	9.0	6.5	1.6
31	0.6	1.8	0.0	0.0
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	102.1	57.3	104.4	89.8
 Daily Means	3.3	1.8	3.4	2.9
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MAY Year: 2006 Country: CHILE

Daily Totals				
Latitude	36°46' S	38°45' S	39°41' S	41°26' S
Longitude	73°03' W	72°38' W	73°04' W	73°07' W
Elevation	12 m	114 m	19 m	81 m
Station	CONCEPCION	TEMUCO	VALDIVIA	PUERTO MONTT
Date				
1	6.9	8.8	6.7	7.6
2	4.8	8.5	8.4	5.6
3	0.0	0.1	0.0	0.0
4	6.6	0.1	0.0	3.9
5	2.8	7.8	7.9	6.5
6	5.4	5.4	3.6	5.0
7	6.8	8.2	3.5	3.0
8	6.3	4.2	0.0	0.0
9	4.4	0.0	0.0	0.0
10	9.3	2.9	0.0	4.5
11	0.0	4.2	2.8	2.7
12	0.1	0.0	1.2	5.7
13	0.0	4.2	5.3	4.8
14	0.0	1.4	0.0	0.0
15	0.0	0.0	0.8	1.0
16	7.1	5.1	3.4	1.5
17	6.0	4.5	2.8	2.6
18	8.9	5.0	2.5	4.9
19	3.9	7.8	7.7	6.1
20	7.1	4.3	7.0	2.9
21	4.9	2.4	0.5	3.9
22	0.2	0.0	0.0	0.0
23	1.3	0.5	0.0	0.0
24	0.0	0.0	0.0	0.6
25	0.0	1.0	0.6	0.0
26	4.2	2.1	5.7	3.9
27	6.1	7.0	0.0	6.3
28	2.0	0.0	0.5	2.1
29	0.0	2.5	0.0	3.2
30	4.4	2.2	1.3	2.0
31	0.0	0.0	0.0	0.0
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	109.5	100.2	72.2	90.3
 Daily Means	3.5	3.2	2.3	2.9
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: MAY Year: 2006 Country: CHILE

Daily Totals			
Latitude	45°35' S	53°08' S	
Longitude	72°07'W	70°58' W	
Elevation	310 m	37 m	
Station	COYHAIQUE	PUNTA ARENAS	
Date			
1	6.4	7.5	
2	6.2	4.0	
3	5.3	3.7	
4	7.5	4.6	
5	2.9	2.1	
6	3.4	0.1	
7	5.9	0.5	
8	4.7	4.1	
9	0.0	7.0	
10	5.6	3.6	
11	3.8	0.7	
12	4.5	0.0	
13	0.1	0.5	
14	1.2	2.4	
15	0.4	0.8	
16	0.0	4.7	
17	3.3	4.9	
18	5.5	5.7	
19	7.1	5.6	
20	6.6	6.1	
21	2.2	7.1	
22	0.0	4.9	
23	0.0	0.7	
24	2.1	0.2	
25	0.0	7.2	
26	0.0	0.0	
27	5.2	7.3	
28	0.0	5.6	
29	1.8	2.2	
30	0.0	0.8	
31	0.0	0.0	
TT Monthly Totals			
Daily Means			
SS Monthly Totals	91.7	104.6	
Daily Means	3.0	3.4	
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JUNE Year: 2006 Country: CHILE

Daily Totals				
Latitude	18°21' S	20°32' S	22°28' S	23°26' S
Longitude	70°19'W	72°10' W	68°55' W	70°26' W
Elevation	58 m	52 m	270 m	135 m
Station	ARICA	IQUIQUE	CALAMA	ANTOFAGASTA
Date				
1	4.2	6.4	9.6	4.0
2	0.0	0.0	6.8	0.0
3	3.5	3.5	9.7	8.1
4	5.3	5.3	9.8	6.6
5	0.0	0.0	9.8	0.2
6	8.3	8.3	9.6	8.6
7	9.7	9.7	9.8	9.3
8	7.6	7.6	9.8	8.3
9	4.4	4.4	9.6	6.4
10	8.6	8.6	9.6	5.8
11	5.7	5.7	9.8	7.5
12	6.3	6.3	9.7	6.8
13	9.5	9.5	9.7	7.2
14	4.6	4.6	9.9	4.6
15	7.0	7.0	9.7	9.0
16	5.9	5.9	9.9	5.6
17	8.3	8.3	9.7	6.6
18	8.1	8.1	10.1	5.9
19	5.0	5.0	9.9	7.0
20	2.3	2.3	9.8	6.0
21	7.7	7.7	10.0	6.5
22	7.5	7.5	10.0	7.1
23	9.0	9.0	10.0	7.8
24	8.7	8.7	10.0	7.8
25	7.1	7.1	9.9	7.5
26	0.0	0.0	10.1	3.6
27	7.2	7.2	10.0	7.5
28	8.8	8.8	10.0	6.5
29	5.1	5.1	10.0	7.8
30	6.6	6.6	9.6	3.7
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	182.0	184.2	291.9	189.3
 Daily Means	6.1	6.1	9.7	6.3
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JUNE Year: 2006 Country: CHILE

Daily Totals				
Latitude	27°10' S	29°57' S	33°23' S	33°27' S
Longitude	109°26' W	71°22' W	70°47' W	70°42' W
Elevation	47 m	25 m	474 m	520 m
Station	ISLA DE PASCUA	LA SERENA	PUDAHUEL	QUINTA NORMAL
Date				
1	0.9	4.0	0.1	0.0
2	9.0	0.7	3.3	1.9
3	9.2	7.0	5.5	4.7
4	7.8	6.7	4.5	3.3
5	6.3	2.4	0.0	0.4
6	6.1	2.6	0.0	0.4
7	4.5	1.2	0.0	0.0
8	6.8	0.0	0.0	0.0
9	7.3	9.5	6.4	3.7
10	8.4	8.5	0.8	0.1
11	2.2	4.9	0.2	0.0
12	8.9	6.3	0.0	0.0
13	8.1	4.3	1.2	0.1
14	7.1	0.0	7.3	6.6
15	6.9	3.2	6.1	5.8
16	6.8	0.0	8.3	11.0
17	6.4	7.5	4.3	3.3
18	4.6	9.4	2.4	0.8
19	0.0	8.0	0.0	0.0
20	0.9	9.3	2.2	2.2
21	5.0	9.3	5.6	3.1
22	7.7	7.3	8.4	7.4
23	7.4	1.2	4.1	2.9
24	3.1	0.8	0.0	0.0
25	2.3	9.3	5.6	0.0
26	8.6	6.7	7.5	6.3
27	2.7	0.8	6.9	6.2
28	4.7	8.4	7.9	7.8
29	5.7	2.3	0.0	0.0
30	0.0	4.2	1.1	1.1
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	165.4	145.8	99.7	79.1
Daily Means	5.5	4.9	3.3	2.6
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JUNE Year: 2006 Country: CHILE

Daily Totals				
Latitude	33°37' S	33°39' S	34°58' S	36°36' S
Longitude	78°50' W	71°36' W	71°12' W	72°26' W
Elevation	30 m	74 m	225 m	124 m
Station	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	CHILLAN
Date				
1	6.2	0.0	0.0	0.3
2	4.9	6.9	6.7	5.4
3	0.8	2.3	0.0	0.0
4	1.8	8.5	0.0	6.3
5	4.6	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0
7	3.5	0.0	0.0	0.0
8	4.2	0.1	0.0	0.2
9	3.9	8.6	8.5	2.3
10	3.1	0.6	0.4	0.0
11	1.0	2.6	0.0	0.0
12	0.8	0.7	0.0	0.0
13	0.0	4.4	0.0	0.1
14	1.6	4.4	6.0	0.0
15	3.1	5.9	4.0	7.3
16	1.0	0.0	6.1	2.2
17	4.7	0.1	0.0	1.4
18	3.2	1.9	0.0	0.0
19	3.2	2.2	3.4	4.3
20	3.5	5.8	2.7	2.4
21	6.0	7.8	5.9	5.4
22	0.0	9.1	5.1	5.3
23	0.0	1.2	0.4	0.0
24	3.0	0.0	0.0	0.0
25	2.3	8.7	8.0	7.0
26	4.7	8.6	5.5	5.9
27	1.6	0.0	0.0	0.0
28	1.3	7.9	8.1	4.4
29	4.6	0.0	0.0	0.0
30	2.6	3.3	0.0	0.0
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	81.2	101.6	70.8	60.2
 Daily Means	2.7	3.4	2.4	2.0
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JUNE Year: 2006 Country: CHILE

Daily Totals				
Latitude	36°46' S	38°45' S	39°41' S	41°26' S
Longitude	73°03' W	72°38' W	73°04' W	73°07' W
Elevation	12 m	114 m	19 m	81 m
Station	CONCEPCION	TEMUCO	VALDIVIA	PUERTO MONTT
Date				
1	1.3	2.2	7.1	1.7
2	5.5	5.6	3.1	2.5
3	0.2	0.0	0.0	0.0
4	0.0	0.0	0.0	2.1
5	0.0	2.0	0.0	0.2
6	0.0	0.0	0.0	0.0
7	0.5	2.9	3.2	0.6
8	6.8	3.3	4.4	4.1
9	6.6	4.4	0.0	4.3
10	1.8	0.3	0.0	0.0
11	0.0	0.0	0.0	0.0
12	0.0	2.9	4.2	4.2
13	0.6	0.0	0.0	2.3
14	0.0	0.0	0.0	3.8
15	6.6	0.0	2.6	3.5
16	3.6	5.7	2.3	3.5
17	5.3	2.9	1.6	0.0
18	0.0	0.0	0.0	0.4
19	3.1	1.3	2.5	1.3
20	4.0	3.4	5.2	1.4
21	8.3	6.6	2.5	0.0
22	6.1	0.1	0.0	0.0
23	0.0	0.0	0.0	0.0
24	0.0	0.0	0.1	0.0
25	0.1	0.7	0.0	0.0
26	0.0	4.3	0.0	0.0
27	0.0	0.0	0.0	0.8
28	6.6	2.7	4.7	2.1
29	0.0	0.0	0.0	0.0
30	0.9	0.0	0.0	0.0
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	67.9	51.3	43.5	38.8
 Daily Means	2.3	1.7	1.5	1.3
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES

WMO
 Total radiation (sun and sky) T,MJ/m2
 Duration of sunshine ss, hours

Month: JUNE Year: 2006 Country: CHILE

Daily Totals				
Latitude	45°35' S	53°08' S		
Longitude	72°07'W	70°58' W		
Elevation	310 m	37 m		
Station	COYHAIQUE	PUNTA ARENAS		
Date				
1	3.4	2.9		
2	3.4	5.5		
3	2.0	0.3		
4	5.2	6.3		
5	0.0	6.1		
6	0.2	4.7		
7	0.0	0.0		
8	4.1	4.3		
9	3.9	3.1		
10	0.0	5.6		
11	0.9	2.7		
12	3.1	0.0		
13	2.9	1.3		
14	4.6	2.8		
15	1.4	4.1		
16	0.0	0.0		
17	0.0	0.0		
18	0.0	4.6		
19	3.3	4.5		
20	3.4	0.6		
21	0.0	6.2		
22	0.7	1.5		
23	0.0	5.9		
24	0.0	6.8		
25	0.0	3.6		
26	0.0	0.2		
27	0.0	0.0		
28	0.0	0.0		
29	0.0	0.0		
30	2.4	0.0		
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	44.9	83.6		
Daily Means	1.5	2.8		
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES		