



Informe Solarimétrico

I Semestre 2024

Oficina de Servicios Climáticos

Dirección Meteorológica de Chile
Subdepartamento de Climatología y Meteorología Aplicada

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

Month: JANUARY

Year: 2024

Country: CHILE

Daily Totals				
Latitude	18°21' S	22°29' S	23°26' S	27°15' S
Longitude	70°19' W	68°54' W	70°26' W	70°46' W
Elevation	58 m	2270 m	135 m	204 m
Station	ARICA	CALAMA	ANTOFAGASTA	CALDERA
Date				
1	30.10	.	.	20.43
2	19.91	.	.	22.06
3	26.35	.	.	24.43
4	26.75	.	.	32.10
5	29.57	.	.	30.13
6	28.35	.	.	31.46
7	25.73	.	.	32.03
8	26.05	.	.	27.76
9	29.31	.	.	26.02
10	16.90	.	.	25.78
11	29.53	.	.	22.08
12	29.24	.	.	21.60
13	28.45	.	.	28.47
14	26.87	.	.	30.33
15	26.67	.	.	25.29
16	22.97	.	.	25.14
17	28.63	.	.	22.88
18	25.62	.	.	30.14
19	20.84	.	.	33.20
20	27.63	.	.	27.92
21	29.70	.	.	27.72
22	27.04	.	.	25.50
23	28.43	.	.	29.75
24	28.23	.	.	24.41
25	28.79	.	.	24.77
26	29.21	.	.	31.92
27	28.53	.	.	30.63
28	25.31	.	.	26.82
29	26.70	.	.	23.01
30	28.82	.	.	26.00
31	18.21	.	.	23.04
TT Monthly Totals	824.43	.	.	832.81
 Daily Means	26.59	.	.	26.86
SS Monthly Totals				
 Daily Means				
Types of	PYRANOMETER	PYRANOMETER	PYRANOMETER	PYRANOMETER
Instruments	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY

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

Month: JANUARY Year: 2024 Country: CHILE

Daily Totals				
Latitude	33°27' S	41°25' S	45°35' S	53°00' S
Longitude	70°42' W	73°05' W	72°07' W	70°51' W
Elevation	520 m	85 m	310 m	37 m
Station	QUINTA NORMAL	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS
Date				
1	31.20	32.56	.	14.20
2	30.86	29.24	.	24.34
3	30.60	23.96	.	12.27
4	30.24	28.90	.	9.40
5	28.37	5.93	.	17.81
6	29.69	19.08	.	14.47
7	30.66	15.66	.	29.30
8	30.33	24.62	.	26.81
9	30.57	19.55	.	28.85
10	30.38	31.35	.	20.80
11	25.89	28.73	.	27.89
12	25.83	30.79	.	13.31
13	29.65	16.85	.	28.71
14	30.62	10.35	.	8.42
15	30.03	14.47	.	27.59
16	30.43	31.28	.	14.34
17	27.84	16.06	.	19.80
18	29.74	19.91	.	12.52
19	30.07	28.10	.	26.49
20	29.93	32.22	.	23.98
21	29.61	31.79	.	30.56
22	29.39	32.57	.	23.07
23	28.93	32.07	.	23.41
24	28.75	31.10	.	15.18
25	28.25	26.81	.	17.24
26	25.62	26.93	.	18.21
27	27.84	26.63	.	21.30
28	27.98	28.77	.	14.93
29	28.01	28.10	.	22.31
30	28.17	30.28	.	7.93
31	28.59	19.71	.	16.03
TT Monthly Totals	904.06	774.38	.	611.49
 Daily Means	29.16	24.98	.	19.73
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: 2024		Country: CHILE	
Daily Totals					
Latitude	18°21' S	22°29' S	23°26' S	27°15'S	
Longitude	70°19'W	68°54' W	70°26' W	70°46'W	
Elevation	58 m	2270 m	135 m	204 m	
Station	ARICA	CALAMA	ANTOFAGASTA	CALDERA	
Date					
1	27.43	.	.	23.44	
2	23.35	.	.	14.70	
3	28.41	.	.	26.93	
4	28.19	.	.	30.64	
5	26.88	.	.	30.59	
6	27.76	.	.	30.02	
7	27.99	.	.	30.44	
8	28.06	.	.	27.13	
9	28.05	.	.	27.67	
10	26.49	.	.	13.87	
11	19.58	.	.	14.52	
12	15.08	.	.	17.72	
13	22.43	.	.	18.98	
14	26.96	.	.	25.46	
15	24.12	.	.	19.64	
16	23.67	.	.	18.30	
17	23.21	.	.	20.01	
18	26.25	.	.	15.81	
19	23.08	.	.	17.68	
20	22.95	.	.	25.41	
21	25.56	.	.	30.27	
22	27.90	.	.	29.03	
23	26.42	.	.	29.74	
24	16.27	.	.	23.64	
25	22.64	.	.	18.95	
26	22.61	.	.	20.89	
27	25.56	.	.	10.28	
28	22.96	.	.	14.77	
29	22.23	.	.	22.58	
30					
31					
TT Monthly Totals	712.07	.	.	649.11	
 Daily Means	24.55	.	.	22.38	
SS Monthly Totals					
 Daily Means					
Types of Instruments	PYRANOMETER	PYRANOMETER	PYRANOMETER	PYRANOMETER	
	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	

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

Month: FEBRUARY Year: 2024 Country: CHILE

Daily Totals				
Latitude	33°27' S	41°25' S	45°35' S	53°00' S
Longitude	70°42' W	73°05' W	72°07' W	70°51' W
Elevation	520 m	85 m	310 m	37 m
Station	QUINTA NORMAL	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS
Date				
1	27.89	26.49	.	30.12
2	27.93	19.55	.	3.25
3	28.31	28.90	.	19.82
4	26.37	30.90	.	14.08
5	26.94	11.26	.	28.06
6	26.52	5.25	.	11.97
7	27.24	20.73	.	21.58
8	26.22	17.94	.	17.54
9	26.49	22.50	.	10.77
10	24.19	28.38	.	24.82
11	27.03	10.03	.	13.73
12	25.06	28.50	.	13.92
13	26.79	29.87	.	17.70
14	26.15	28.95	.	7.00
15	25.86	27.53	.	24.72
16	25.82	19.21	.	26.09
17	25.88	23.05	.	21.23
18	26.26	28.43	.	12.51
19	25.19	27.40	.	3.00
20	24.57	15.95	.	23.56
21	24.20	8.44	.	10.57
22	3.83	11.07	.	18.39
23	22.00	22.09	.	17.74
24	25.75	22.64	.	7.42
25	26.12	26.33	.	13.82
26	25.99	13.42	.	21.04
27	25.75	6.73	.	6.94
28	25.74	14.63	.	10.99
29	25.41	18.26	.	10.16
30				
31				
TT Monthly Totals	731.50	594.44	.	462.53
 Daily Means	25.22	20.50	.	15.95
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER	PYRANOMETER	PYRANOMETER	PYRANOMETER
	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY

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

Month: MARCH		Year: 2024		Country: CHILE	
Daily Totals					
Latitude	18°21' S	22°29' S	23°26' S	27°15'S	
Longitude	70°19'W	68°54' W	70°26' W	70°46'W	
Elevation	58 m	2270 m	135 m	204 m	
Station	ARICA	CALAMA	ANTOFAGASTA	CALDERA	
Date					
1	21.26	.	.	22.46	
2	27.70	.	.	24.71	
3	26.08	.	.	18.62	
4	26.77	.	.	27.93	
5	24.39	.	.	23.46	
6	25.21	.	.	20.37	
7	25.20	.	.	22.67	
8	26.43	.	.	21.95	
9	20.94	.	.	21.46	
10	23.99	.	.	16.37	
11	25.98	.	.	22.61	
12	22.77	.	.	24.33	
13	24.93	.	.	17.82	
14	24.34	.	.	21.41	
15	25.04	.	.	23.28	
16	25.48	.	.	18.51	
17	25.41	.	.	25.29	
18	24.39	.	.	20.18	
19	22.86	.	.	14.03	
20	23.63	.	.	25.45	
21	26.31	.	.	25.51	
22	22.75	.	.	7.83	
23	25.37	.	.	11.84	
24	20.00	.	.	15.95	
25	20.61	.	.	18.26	
26	25.30	.	.	21.67	
27	25.49	.	.	24.84	
28	24.51	.	.	16.95	
29	24.98	.	.	16.75	
30	25.34	.	.	18.54	
31	15.97	.	.	7.01	
TT Monthly Totals	749.43	.	.	618.07	
 Daily Means	24.18	.	.	19.94	
SS Monthly Totals					
 Daily Means					
Types of Instruments	PYRANOMETER	PYRANOMETER	PYRANOMETER	PYRANOMETER	
	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	

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

Month: MARCH		Year: 2024		Country: CHILE	
Daily Totals					
Latitude	33°27' S	41°25' S	45°35' S	53°00' S	
Longitude	70°42' W	73°05' W	72°07' W	70°51' W	
Elevation	520 m	85 m	310 m	37 m	
Station					
Date	QUINTA NORMAL	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS	
1	23.34	19.44	.	7.42	
2	25.37	24.10	.	19.38	
3	25.00	25.62	.	18.78	
4	24.70	24.46	.	20.10	
5	24.62	15.35	.	4.61	
6	23.89	16.30	.	18.26	
7	24.04	23.65	.	10.77	
8	24.54	12.30	.	2.97	
9	21.04	9.61	.	6.90	
10	23.73	11.99	.	12.80	
11	23.61	11.12	.	14.69	
12	23.47	15.31	.	8.63	
13	23.32	8.67	.	16.11	
14	23.10	9.14	.	10.28	
15	23.01	10.88	.	16.40	
16	22.58	12.81	.	12.08	
17	22.50	9.69	.	17.08	
18	21.92	9.95	.	10.36	
19	21.57	2.15	.	11.48	
20	8.34	13.15	.	9.53	
21	20.36	20.41	.	15.07	
22	20.98	3.29	.	14.28	
23	20.64	11.13	.	15.47	
24	20.68	16.92	.	14.64	
25	20.75	17.10	.	8.53	
26	19.37	11.01	.	10.06	
27	19.76	20.14	.	6.77	
28	18.91	17.36	.	12.47	
29	19.15	14.61	.	11.10	
30	19.06	13.66	.	11.29	
31	16.90	18.23	.	11.95	
TT Monthly Totals	670.23	449.56	.	380.24	
 Daily Means	21.62	14.50	.	12.27	
SS Monthly Totals					
 Daily Means					
Types of	PYRANOMETER	PYRANOMETER	PYRANOMETER	PYRANOMETER	
Instruments	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	

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

Month: APRIL Year: 2024 Country: CHILE

Daily Totals				
Latitude	18°21' S	22°29' S	23°26' S	27°15' S
Longitude	70°19' W	68°54' W	70°26' W	70°46' W
Elevation	58 m	2270 m	135 m	204 m
Station	ARICA	CALAMA	ANTOFAGASTA	CALDERA
Date				
1	21.81	.	.	7.70
2	16.96	.	.	9.59
3	22.75	.	.	11.19
4	24.10	.	.	20.57
5	23.28	.	.	14.71
6	22.54	.	.	17.42
7	14.69	.	.	13.46
8	17.66	.	.	12.36
9	24.35	.	.	18.11
10	4.41	.	.	11.37
11	23.62	.	.	14.77
12	18.17	.	.	15.59
13	17.79	.	.	0.46
14	17.96	.	.	5.82
15	23.29	.	.	21.94
16	24.07	.	.	22.20
17	24.15	.	.	22.16
18	21.65	.	.	17.31
19	21.87	.	.	6.41
20	22.09	.	.	19.86
21	21.32	.	.	19.29
22	11.55	.	.	20.58
23	19.57	.	.	6.45
24	22.13	.	.	7.19
25	15.79	.	.	13.36
26	11.24	.	.	19.06
27	17.56	.	.	19.65
28	16.60	.	.	10.09
29	21.37	.	.	8.94
30	21.21	.	.	19.70
31				
TT Monthly Totals	585.55	.	.	427.30
 Daily Means	19.52	.	.	14.24
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: 2024 Country: CHILE

Daily Totals				
Latitude	33°27' S	41°25' S	45°35' S	53°00' S
Longitude	70°42' W	73°05' W	72°07' W	70°51' W
Elevation	520 m	85 m	310 m	37 m
Station	QUINTA NORMAL	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS
Date				
1	13.65	19.12	.	4.28
2	12.73	7.26	.	8.36
3	4.89	5.55	.	5.94
4	17.60	6.63	.	10.88
5	18.18	12.54	.	7.64
6	18.27	4.21	.	8.95
7	18.38	4.94	.	8.23
8	17.67	6.16	.	10.50
9	17.34	17.70	.	11.05
10	16.61	17.64	.	5.80
11	8.27	16.65	.	11.21
12	5.33	16.39	.	9.47
13	10.66	15.64	.	2.80
14	16.17	15.70	.	2.49
15	6.20	12.32	.	8.80
16	16.28	9.91	.	5.81
17	16.84	10.67	.	7.97
18	14.67	2.70	.	3.34
19	11.39	11.22	.	5.18
20	7.26	8.26	.	9.10
21	6.39	8.62	.	7.59
22	15.69	2.79	.	4.39
23	15.67	8.26	.	3.09
24	15.11	1.50	.	2.73
25	14.17	5.20	.	5.64
26	14.64	8.06	.	6.29
27	14.83	8.19	.	6.50
28	6.03	4.50	.	7.06
29	11.60	6.72	.	5.39
30	13.54	11.10	.	7.31
31				
TT Monthly Totals	396.06	286.12	.	203.80
 Daily Means	13.20	9.54	.	6.79
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: 2024		Country: CHILE	
Daily Totals					
Latitude	18°21' S	22°29' S	23°26' S	27°15'S	
Longitude	70°19'W	68°54' W	70°26' W	70°46'W	
Elevation	58 m	2270 m	135 m	204 m	
Station	ARICA	CALAMA	ANTOFAGASTA	CALDERA	
Date					
1	14.93	.	.	9.33	
2	10.68	.	.	14.53	
3	13.60	.	.	18.20	
4	13.39	.	.	19.47	
5	19.15	.	.	18.44	
6	13.69	.	.	13.31	
7	7.76	.	.	13.89	
8	13.83	.	.	18.48	
9	10.47	.	.	4.98	
10	10.43	.	.	15.33	
11	6.64	.	.	15.01	
12	8.36	.	.	16.87	
13	11.48	.	.	16.93	
14	20.21	.	.	8.36	
15	12.70	.	.	9.81	
16	18.22	.	.	5.94	
17	7.44	.	.	10.28	
18	13.94	.	.	15.19	
19	5.61	.	.	15.86	
20	8.95	.	.	15.01	
21	11.27	.	.	9.57	
22	13.67	.	.	9.43	
23	13.50	.	.	13.54	
24	10.13	.	.	13.97	
25	18.20	.	.	4.46	
26	11.23	.	.	13.00	
27	11.57	.	.	16.13	
28	11.67	.	.	11.37	
29	17.25	.	.	11.20	
30	12.88	.	.	11.15	
31	14.03	.	.	11.04	
TT Monthly Totals	386.87	.	.	400.07	
 Daily Means	12.48	.	.	12.91	
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: 2024 Country: CHILE

Daily Totals				
Latitude	33°27' S	41°25' S	45°35' S	53°00' S
Longitude	70°42' W	73°05' W	72°07' W	70°51' W
Elevation	520 m	85 m	310 m	37 m
Station	QUINTA NORMAL	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS
Date				
1	5.54	4.99	.	4.18
2	8.71	7.90	.	1.30
3	13.63	0.94	.	1.52
4	13.22	7.69	.	2.09
5	8.16	5.44	.	4.10
6	11.78	1.47	.	2.20
7	1.07	9.41	.	1.68
8	14.29	2.67	.	2.07
9	11.16	8.91	.	2.73
10	6.79	3.48	.	5.79
11	11.38	9.34	.	2.49
12	11.16	10.64	.	5.95
13	13.17	10.97	.	1.97
14	12.74	11.72	.	3.12
15	5.69	9.60	.	2.52
16	11.45	9.91	.	5.46
17	11.78	10.36	.	5.64
18	12.28	9.40	.	5.27
19	8.68	1.57	.	2.36
20	0.67	5.64	.	3.58
21	6.47	5.24	.	4.24
22	0.79	3.72	.	4.77
23	13.09	4.86	.	4.53
24	4.29	8.34	.	4.55
25	6.49	7.22	.	4.04
26	9.18	9.71	.	4.77
27	7.17	8.71	.	1.59
28	9.16	0.79	.	1.47
29	6.62	4.69	.	0.63
30	10.61	6.19	.	4.28
31	4.04	3.10	.	1.43
TT Monthly Totals	271.27	204.60	.	102.32
 Daily Means	8.75	6.60	.	3.30
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER	PYRANOMETER	PYRANOMETER	PYRANOMETER
	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY

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

Month: JUNE Year: 2024 Country: CHILE

Daily Totals				
Latitude	18°21' S	22°29' S	23°26' S	27°15' S
Longitude	70°19' W	68°54' W	70°26' W	70°46' W
Elevation	58 m	2270 m	135 m	204 m
Station	ARICA	CALAMA	ANTOFAGASTA	CALDERA
Date				
1	14.79	.	.	10.05
2	11.56	.	.	10.94
3	14.96	.	.	7.55
4	11.17	.	.	12.40
5	18.82	.	.	8.78
6	18.70	.	.	7.57
7	13.79	.	.	10.01
8	15.16	.	.	11.60
9	11.23	.	.	12.87
10	9.92	.	.	9.61
11	13.75	.	.	6.09
12	16.77	.	.	7.41
13	14.71	.	.	15.24
14	13.20	.	.	15.11
15	12.08	.	.	15.12
16	11.31	.	.	14.80
17	9.32	.	.	13.69
18	10.40	.	.	15.65
19	8.55	.	.	15.65
20	10.29	.	.	11.51
21	10.88	.	.	13.61
22	13.06	.	.	15.51
23	10.82	.	.	14.64
24	6.46	.	.	12.58
25	5.73	.	.	14.82
26	8.25	.	.	11.14
27	9.48	.	.	5.54
28	16.24	.	.	10.29
29	11.31	.	.	13.67
30	18.31	.	.	14.75
31				
TT Monthly Totals	371.02	.	.	358.18
 Daily Means	12.37	.	.	11.94
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: 2024 Country: CHILE

Daily Totals				
Latitude	33°27' S	41°25' S	45°35' S	53°00' S
Longitude	70°42' W	73°05' W	72°07' W	70°51' W
Elevation	520 m	85 m	310 m	37 m
Station	QUINTA NORMAL	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS
Date				
1	11.37	2.07	.	4.16
2	5.21	8.35	.	3.36
3	3.29	2.71	.	1.71
4	2.53	3.02	.	2.03
5	3.24	3.82	.	1.48
6	3.57	6.44	.	0.77
7	9.41	2.98	.	1.30
8	4.95	1.54	.	4.05
9	3.48	2.77	.	1.75
10	3.03	2.78	.	1.22
11	1.41	5.38	.	1.53
12	2.78	1.04	.	1.45
13	0.77	1.80	.	3.23
14	7.59	5.52	.	1.19
15	10.85	5.68	.	3.74
16	10.78	2.95	.	3.86
17	3.96	3.93	.	2.15
18	2.10	3.81	.	3.39
19	10.26	5.23	.	3.91
20	3.12	2.61	.	2.53
21	0.53	3.85	.	4.50
22	1.09	2.58	.	5.47
23	5.13	3.63	.	5.72
24	4.01	8.57	.	2.07
25	6.57	2.47	.	1.51
26	7.97	1.39	.	1.13
27	8.14	6.87	.	1.63
28	9.28	4.58	.	2.13
29	6.17	7.41	.	1.74
30	10.60	2.63	.	3.11
31				
TT Monthly Totals	163.17	118.41	.	77.81
 Daily Means	5.44	3.95	.	2.59
SS Monthly Totals				
 Daily Means				
Types of Instruments	PYRANOMETER	PYRANOMETER	PYRANOMETER	PYRANOMETER
	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY	PSP EPPLEY

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

Month: JANUARY		Year: 2024		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	.	12.4	.	8.7	
2	.	3.0	.	7.7	
3	.	11.8	.	11.8	
4	.	12.3	.	8.5	
5	.	12.3	.	11.4	
6	.	12.3	.	10.4	
7	.	12.3	.	11.4	
8	.	9.9	.	6.3	
9	.	12.4	.	11.8	
10	.	11.5	.	8.5	
11	.	12.3	.	11.0	
12	.	12.3	.	10.7	
13	.	10.9	.	6.9	
14	.	12.3	.	9.4	
15	.	10.5	.	10.5	
16	.	2.8	.	6.5	
17	.	6.4	.	8.4	
18	.	11.6	.	11.4	
19	.	11.2	.	11.8	
20	.	12.2	.	11.4	
21	.	12.3	.	9.0	
22	.	12.2	.	11.8	
23	.	12.2	.	9.9	
24	.	12.1	.	11.1	
25	.	12.2	.	11.6	
26	.	12.2	.	10.8	
27	.	10.6	.	10.6	
28	.	10.2	.	7.8	
29	.	12.1	.	11.5	
30	.	12.1	.	11.8	
31	.	2.5	.	8.7	
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	.	333.4	.	309.1	
 Daily Means	.	10.8	.	10.0	
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: JANUARY Year: 20234 Country: CHILE

Daily Totals				
Latitude	27°15'S	27°10' S	29°57' S	33°23' S
Longitude	70°46'W	109°26' W	71°22' W	70°47' W
Elevation	204 m	47 m	25 m	474 m
Station	CALDERA	ISLA DE PASCUA	LA SERENA	PUDAHUEL
Date				
1	.	5.5	10.3	13.4
2	.	3.1	3.1	13.5
3	.	7.1	5.0	13.5
4	.	10.0	5.6	13.5
5	.	9.7	5.3	13.1
6	.	13.1	7.8	13.0
7	.	9.2	7.2	13.5
8	.	.	9.6	13.5
9	.	7.6	10.7	13.3
10	.	6.3	6.7	13.5
11	.	5.7	5.9	11.5
12	.	5.6	5.3	11.8
13	.	6.9	6.1	13.0
14	.	8.5	10.3	13.5
15	.	7.6	10.2	13.4
16	.	7.3	6.6	13.4
17	.	5.5	5.1	12.5
18	.	9.7	5.8	13.3
19	.	12.1	10.5	13.3
20	.	8.7	7.3	13.3
21	.	9.4	0.7	13.2
22	.	9.8	3.2	13.2
23	.	8.8	5.9	13.2
24	.	7.1	0.6	13.2
25	.	8.2	3.9	13.1
26	.	11.8	8.2	11.7
27	.	11.7	7.5	13.0
28	.	7.1	7.8	12.8
29	.	6.7	0.3	12.5
30	.	7.6	0.0	13.0
31	.	5.9	5.0	12.9
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	.	.	187.5	404.6
 Daily Means	.	8.1	6.0	13.1
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: 2024 Country: CHILE

Daily Totals				
Latitude	33°27' S	33°37' S	33°39' S	34°58' S
Longitude	70°42' W	78°50' W	71°36' W	71°12' W
Elevation	520 m	30 m	74 m	225 m
Station				
Date	QUINTA NORMAL	ROBINSON CRUSOE	SANTO DOMINGO	CURICO
1	11.3	5.0	13.4	.
2	11.6	8.1	9.5	.
3	11.4	5.8	3.0	.
4	11.4	10.8	4.0	.
5	10.8	.	0.9	.
6	11.3	.	3.9	.
7	11.3	4.7	12.8	.
8	11.2	0.2	12.4	.
9	11.3	5.8	12.5	.
10	11.4	1.7	8.3	.
11	10.1	0.6	7.0	.
12	10.6	.	4.1	.
13	11.2	.	8.5	.
14	11.2	9.6	12.9	.
15	11.2	7.5	9.8	.
16	11.2	5.9	12.9	.
17	10.9	6.5	0.8	.
18	11.2	7.9	12.0	.
19	11.4	.	12.5	.
20	11.3	.	2.1	.
21	11.3	6.9	1.8	.
22	11.3	9.9	0.0	.
23	11.2	9.5	0.0	.
24	11.2	9.7	0.9	.
25	11.1	11.2	4.9	.
26	10.6	.	5.2	.
27	11.1	.	5.0	.
28	11.1	10.8	0.0	.
29	11.1	10.8	0.0	.
30	11.2	10.6	11.1	.
31	11.7	11.2	11.5	.
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	346.2	.	203.7	.
 Daily Means	11.2	.	6.6	.
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: 2024		Country: CHILE	
Daily Totals					
Latitude	36°36' S	36°46' S	38°45' S	39°41' S	
Longitude	72°26' W	73°03' W	72°38' W	73°04' W	
Elevation	124 m	12 m	114 m	19 m	
Station	CHILLAN	CONCEPCION	TEMUCO	VALDIVIA	
Date					
1	.	.	10.8	11.9	
2	.	.	10.9	12.0	
3	.	.	10.4	12.2	
4	.	.	11.1	10.7	
5	.	.	4.1	7.4	
6	.	.	8.5	9.8	
7	.	.	8.7	10.4	
8	.	.	10.3	9.6	
9	.	.	13.0	10.7	
10	.	.	13.7	12.3	
11	.	.	13.0	12.1	
12	.	.	11.5	10.5	
13	.	.	10.9	8.5	
14	.	.	9.5	6.0	
15	.	.	10.5	10.1	
16	.	.	11.4	12.1	
17	.	.	13.6	11.7	
18	.	.	13.4	12.1	
19	.	.	13.6	12.1	
20	.	.	13.5	12.1	
21	.	.	13.2	11.9	
22	.	.	13.8	12.0	
23	.	.	11.1	12.1	
24	.	.	11.4	12.2	
25	.	.	12.1	10.7	
26	.	.	9.0	11.2	
27	.	.	10.0	10.6	
28	.	.	12.5	10.4	
29	.	.	12.1	9.7	
30	.	.	13.1	11.8	
31	.	.	11.1	11.8	
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	.	.	351.8	338.7	
 Daily Means	.	.	11.3	10.9	
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: JANUARY		Year: 2024		Country: CHILE	
Daily Totals					
Latitude	41°26' S	45°35' S	53°08' S		
Longitude	73°07' W	72°07' W	70°58' W		
Elevation	81 m	310 m	37 m		
Station					
Date	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS		
1	12.5	.	2.7		
2	12.3	.	11.2		
3	8.6	.	0.0		
4	9.7	.	1.0		
5	0.1	.	5.8		
6	0.0	.	2.5		
7	4.6	.	11.1		
8	8.4	.	9.5		
9	7.4	.	11.8		
10	12.8	.	6.5		
11	9.6	.	12.2		
12	7.3	.	4.4		
13	4.7	.	12.0		
14	0.4	.	0.7		
15	2.0	.	13.4		
16	12.2	.	4.2		
17	3.5	.	6.7		
18	9.3	.	4.8		
19	12.1	.	10.5		
20	13.3	.	10.3		
21	12.6	.	11.2		
22	13.6	.	9.4		
23	12.4	.	6.9		
24	12.4	.	4.8		
25	11.3	.	5.6		
26	10.3	.	7.3		
27	9.7	.	5.7		
28	10.9	.	5.2		
29	11.3	.	7.9		
30	12.4	.	2.0		
31	8.7	.	4.8		
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	276.4	.	212.1		
 Daily Means	8.9	.	6.8		
Types of Instruments	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: 2024		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	.	10.7	.	9.3	
2	.	8.6	.	5.4	
3	.	12.1	.	11.6	
4	.	12.0	.	11.6	
5	.	5.1	.	10.3	
6	.	11.9	.	11.7	
7	.	12.0	.	11.2	
8	.	12.1	.	11.2	
9	.	12.1	.	.	
10	.	11.4	.	9.7	
11	.	10.0	.	6.7	
12	.	7.5	.	0.7	
13	.	11.8	.	7.7	
14	.	12.0	.	11.3	
15	.	11.5	.	7.0	
16	.	8.1	.	3.6	
17	.	8.9	.	9.5	
18	.	7.7	.	9.5	
19	.	8.0	.	10.9	
20	.	9.7	.	9.4	
21	.	10.6	.	10.0	
22	.	10.6	.	10.7	
23	.	12.0	.	11.3	
24	.	10.8	.	10.5	
25	.	8.3	.	1.8	
26	.	11.4	.	6.9	
27	.	11.6	.	10.2	
28	.	9.3	.	10.2	
29	.	9.9	.	10.1	
30					
31					
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	.	297.7	.	.	
 Daily Means	.	10.3	.	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: FEBRUARY		Year: 2024		Country: CHILE	
Daily Totals					
Latitude	27°15'S	27°10' S	29°57' S	33°23' S	
Longitude	70°46'W	109°26' W	71°22' W	70°47' W	
Elevation	204 m	47 m	25 m	474 m	
Station					
Date	CALDERA	ISLA DE PASCUA	LA SERENA	PUDAHUEL	
1	.	7.9	5.7	12.9	
2	.	2.5	3.9	12.9	
3	.	8.8	8.8	12.8	
4	.	12.8	5.1	12.4	
5	.	12.2	11.5	12.2	
6	.	12.7	11.3	12.4	
7	.	11.5	5.4	12.7	
8	.	9.2	0.3	11.2	
9	.	9.8	7.0	10.9	
10	.	2.4	2.3	10.2	
11	.	3.3	5.4	12.6	
12	.	2.7	4.9	11.0	
13	.	5.8	3.1	12.5	
14	.	8.4	5.6	12.4	
15	.	5.4	1.5	12.4	
16	.	4.1	2.2	12.3	
17	.	5.6	1.0	12.4	
18	.	0.5	0.9	12.4	
19	.	5.5	.	11.5	
20	.	9.7	11.6	12.0	
21	.	12.2	12.2	11.9	
22	.	11.7	5.1	0.4	
23	.	12.4	12.3	11.4	
24	.	8.5	11.4	12.2	
25	.	5.5	0.0	12.2	
26	.	6.0	5.6	12.1	
27	.	2.3	4.2	12.1	
28	.	4.4	3.9	12.1	
29	.	6.2	3.1	12.0	
30					
31					
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	.	203.8	.	326.5	
 Daily Means	.	7.2	5.5	11.7	
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: 2024		Country: CHILE	
Daily Totals					
Latitude	33°27' S	33°37' S	33°39' S	34°58' S	
Longitude	70°42' W	78°50' W	71°36' W	71°12' W	
Elevation	520 m	30 m	74 m	225 m	
Station					
Date	QUINTA NORMAL	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	
1	11.1	11.2	9.3	.	
2	11.1	.	11.7	.	
3	11.1	.	12.2	.	
4	12.6	10.7	5.8	.	
5	11.0	10.4	4.8	.	
6	11.0	10.7	3.3	.	
7	11.0	4.3	7.9	.	
8	9.8	2.5	8.8	.	
9	11.2	.	9.0	.	
10	9.8	.	10.7	.	
11	10.1	8.2	5.0	.	
12	9.5	8.3	11.4	.	
13	11.0	11.2	7.6	.	
14	10.9	10.9	4.6	.	
15	11.2	9.9	0.3	.	
16	11.1	.	1.8	.	
17	11.1	.	12.4	.	
18	10.2	9.3	11.5	.	
19	10.8	10.4	0.2	.	
20	11.0	6.9	5.2	.	
21	11.0	6.1	7.0	.	
22	11.0	7.1	6.0	.	
23	10.1	.	11.8	.	
24	11.4	.	7.2	.	
25	10.7	5.2	6.0	.	
26	10.7	9.0	10.7	.	
27	11.2	6.9	8.7	.	
28	11.1	5.4	11.3	.	
29	11.0	8.0	11.3	.	
30					
31					
TT Monthly Totals					
Daily Means					
SS Monthly Totals	314.8	.	223.5	.	
Daily Means	10.9	.	7.7	.	
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: 2024		Country: CHILE	
Daily Totals					
Latitude	36°36' S	36°46' S	38°45' S	39°41' S	
Longitude	72°26' W	73°03' W	72°38' W	73°04' W	
Elevation	124 m	12 m	114 m	19 m	
Station	CHILLAN	CONCEPCION	TEMUCO	VALDIVIA	
Date					
1	.	.	10.5	10.4	
2	.	.	8.4	6.2	
3	.	.	12.6	.	
4	.	.	12.6	12.0	
5	.	.	10.7	5.6	
6	.	.	0.8	0.4	
7	.	.	6.0	6.5	
8	.	.	6.7	.	
9	.	.	11.9	8.8	
10	.	.	8.9	11.7	
11	.	.	3.4	6.5	
12	.	.	13.3	11.9	
13	.	.	13.1	11.6	
14	.	.	12.5	10.5	
15	.	.	9.9	10.0	
16	.	.	6.4	4.7	
17	.	.	12.4	11.5	
18	.	.	12.8	11.7	
19	.	.	11.5	13.1	
20	.	.	0.1	2.1	
21	.	.	5.9	8.7	
22	.	.	11.3	10.0	
23	.	.	12.0	11.1	
24	.	.	9.0	10.7	
25	.	.	11.2	10.6	
26	.	.	9.1	11.4	
27	.	.	5.1	4.0	
28	.	.	8.4	5.2	
29	.	.	11.4	11.0	
30					
31					
TT Monthly Totals					
Daily Means					
SS Monthly Totals	.	.	267.9	.	
Daily Means	.	.	9.2	8.8	
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: FEBRUARY		Year: 2024		Country: CHILE	
Daily Totals					
Latitude	41°26' S	45°35' S	53°08' S		
Longitude	73°07' W	72°07' W	70°58' W		
Elevation	81 m	310 m	37 m		
Station	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS		
Date					
1	8.7	.	13.6		
2	7.6	.	0.0		
3	12.4	.	7.5		
4	13.3	.	4.3		
5	2.8	.	12.8		
6	0.1	.	2.1		
7	7.1	.	8.0		
8	5.9	.	7.7		
9	7.7	.	4.6		
10	11.4	.	11.9		
11	1.8	.	6.8		
12	12.1	.	3.1		
13	12.9	.	7.3		
14	13.0	.	0.4		
15	9.6	.	10.7		
16	6.8	.	11.4		
17	11.0	.	8.3		
18	12.5	.	2.9		
19	12.7	.	0.0		
20	6.0	.	12.7		
21	3.3	.	1.7		
22	3.2	.	7.8		
23	8.6	.	9.3		
24	8.3	.	2.3		
25	11.9	.	6.6		
26	2.2	.	10.3		
27	0.0	.	0.9		
28	8.5	.	6.4		
29	11.2	.	1.8		
30					
31					
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	232.6	.	183.2		
 Daily Means	8.0	.	6.3		
Types of Instruments	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: 2024		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					
Date	ARICA	IQUIQUE	CALAMA	ANTOFAGASTA	
1	.	10.8	.	10.2	
2	.	11.2	.	10.2	
3	.	11.6	.	11.2	
4	.	11.7	.	8.9	
5	.	11.7	.	9.9	
6	.	11.4	.	10.7	
7	.	11.7	.	10.2	
8	.	11.5	.	10.4	
9	.	9.4	.	8.7	
10	.	11.5	.	9.6	
11	.	11.5	.	10.9	
12	.	10.5	.	8.0	
13	.	11.5	.	8.6	
14	.	8.8	.	10.4	
15	.	10.9	.	8.3	
16	.	11.4	.	10.3	
17	.	11.4	.	9.5	
18	.	11.2	.	10.7	
19	.	11.4	.	8.4	
20	.	11.4	.	10.0	
21	.	11.4	.	9.3	
22	.	10.6	.	8.0	
23	.	7.2	.	4.9	
24	.	0.0	.	0.4	
25	.	7.2	.	7.8	
26	.	11.3	.	10.8	
27	.	11.3	.	10.9	
28	.	10.3	.	8.7	
29	.	11.3	.	9.5	
30	.	11.2	.	7.5	
31	.	7.8	.	9.0	
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	.	322.1	.	281.9	
 Daily Means	.	10.4	.	9.1	
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: MARCH		Year: 2024		Country: CHILE	
Daily Totals					
Latitude	27°15'S	27°10' S	29°57' S	33°23' S	
Longitude	70°46'W	109°26' W	71°22' W	70°47' W	
Elevation	204 m	47 m	25 m	474 m	
Station					
Date	CALDERA	ISLA DE PASCUA	LA SERENA	PUDAHUEL	
1	.	7.9	1.2	11.5	
2	.	8.6	4.0	11.5	
3	.	9.0	6.2	12.0	
4	.	10.5	8.2	12.0	
5	.	7.5	1.1	11.9	
6	.	6.7	0.0	11.8	
7	.	7.0	0.0	11.8	
8	.	7.7	10.4	11.8	
9	.	7.0	11.8	11.7	
10	.	3.1	1.7	11.7	
11	.	7.3	.	11.7	
12	.	8.6	9.7	11.6	
13	.	6.5	9.0	11.7	
14	.	7.5	11.8	11.5	
15	.	6.9	7.2	11.5	
16	.	6.8	7.3	11.5	
17	.	8.8	8.6	11.5	
18	.	7.2	10.8	11.4	
19	.	3.1	6.1	11.5	
20	.	11.0	7.4	1.4	
21	.	11.3	11.0	11.2	
22	.	1.4	2.4	11.4	
23	.	1.3	3.2	11.3	
24	.	4.8	1.5	11.3	
25	.	5.6	4.5	11.3	
26	.	8.4	2.8	10.9	
27	.	11.6	5.0	11.3	
28	.	6.6	4.1	11.1	
29	.	5.1	2.0	11.1	
30	.	6.1	4.3	11.1	
31	.	0.5	.	9.1	
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	.	211.4	.	344.1	
 Daily Means	.	6.8	5.6	11.1	
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: MARCH		Year: 2024		Country: CHILE	
Daily Totals					
Latitude	33°27' S	33°37' S	33°39' S	34°58' S	
Longitude	70°42' W	78°50' W	71°36' W	71°12' W	
Elevation	520 m	30 m	74 m	225 m	
Station					
Date	QUINTA NORMAL	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	
1	9.2	.	7.2	.	
2	10.5	.	10.9	.	
3	10.9	7.3	11.8	.	
4	10.9	6.0	11.3	.	
5	10.6	4.8	0.4	.	
6	10.5	9.2	4.7	.	
7	9.9	7.9	9.6	.	
8	10.2	.	11.5	.	
9	9.6	.	11.4	.	
10	10.2	2.1	7.7	.	
11	9.4	3.2	8.3	.	
12	9.7	8.7	11.8	.	
13	8.9	6.8	9.8	.	
14	9.1	2.8	10.9	.	
15	9.3	.	10.9	.	
16	9.1	.	17.9	.	
17	8.9	0.7	10.3	.	
18	8.2	7.1	10.2	.	
19	8.8	7.7	5.4	.	
20	0.1	1.3	0.0	.	
21	8.3	1.9	8.7	.	
22	8.5	.	10.7	.	
23	8.5	.	5.5	.	
24	8.5	9.4	10.4	.	
25	8.6	9.2	0.0	.	
26	7.8	8.6	2.2	.	
27	8.8	5.5	5.6	.	
28	8.4	5.5	0.0	.	
29	8.4	.	0.3	.	
30	8.4	.	10.5	.	
31	6.8	8.7	10.0	.	
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	275.0	.	245.9	.	
 Daily Means	8.9	5.9	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: MARCH Year: 2024 Country: CHILE

Daily Totals				
Latitude	36°36' S	36°46' S	38°45' S	39°41' S
Longitude	72°26' W	73°03' W	72°38' W	73°04' W
Elevation	124 m	12 m	114 m	19 m
Station	CHILLAN	CONCEPCION	TEMUCO	VALDIVIA
Date				
1	.	.	10.7	10.0
2	.	.	10.4	7.2
3	.	.	13.2	10.4
4	.	.	12.0	10.2
5	.	.	8.1	9.4
6	.	.	10.8	11.1
7	.	.	10.7	10.5
8	.	.	1.9	7.5
9	.	.	8.2	3.4
10	.	.	6.4	6.0
11	.	.	8.8	8.7
12	.	.	1.5	9.3
13	.	.	4.8	2.0
14	.	.	7.0	5.9
15	.	.	6.4	3.0
16	.	.	6.1	6.5
17	.	.	8.9	5.0
18	.	.	9.8	8.9
19	.	.	1.2	0.0
20	.	.	8.8	0.0
21	.	.	6.4	5.6
22	.	.	0.0	0.2
23	.	.	4.3	2.6
24	.	.	.	8.3
25	.	.	.	4.7
26	.	.	.	4.6
27	.	.	.	10.0
28	.	.	.	10.4
29	.	.	5.5	8.7
30	.	.	7.1	6.6
31	.	.	7.7	9.7
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	.	.	.	206.4
 Daily Means	.	.	7.2	6.7
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: MARCH Year: 2024 Country: CHILE

Daily Totals				
Latitude	41°26' S	45°35' S	53°08' S	
Longitude	73°07' W	72°07' W	70°58' W	
Elevation	81 m	310 m	37 m	
Station				
Date	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS	
1	7.2	.	2.7	
2	10.2	.	7.3	
3	11.9	.	9.8	
4	11.1	.	12.0	
5	5.3	.	0.0	
6	8.5	.	9.6	
7	10.5	.	3.4	
8	4.2	.	0.0	
9	1.2	.	2.4	
10	2.1	.	7.5	
11	3.0	.	6.4	
12	3.0	.	5.3	
13	3.1	.	10.4	
14	2.9	.	4.4	
15	2.4	.	11.2	
16	0.0	.	7.1	
17	3.8	.	10.5	
18	3.2	.	6.6	
19	0.0	.	6.3	
20	6.4	.	5.4	
21	10.1	.	8.0	
22	0.0	.	0.0	
23	3.9	.	10.1	
24	9.3	.	10.6	
25	8.7	.	3.1	
26	2.5	.	6.9	
27	9.7	.	3.8	
28	9.6	.	5.8	
29	7.8	.	6.3	
30	7.5	.	7.7	
31	10.0	.	6.8	
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	179.1	.	197.4	
 Daily Means	5.8	.	6.4	
Types of Instruments	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: 20234		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					
Date	ARICA	IQUIQUE	CALAMA	ANTOFAGASTA	
1	.	7.3	.	7.6	
2	.	6.9	.	8.9	
3	.	8.4	.	6.8	
4	.	11.0	.	10.2	
5	.	10.7	.	8.8	
6	.	10.7	.	8.2	
7	.	6.1	.	6.2	
8	.	9.0	.	8.1	
9	.	10.7	.	10.0	
10	.	10.5	.	7.5	
11	.	11.9	.	9.9	
12	.	9.7	.	8.5	
13	.	7.1	.	1.7	
14	.	4.9	.	5.9	
15	.	12.0	.	10.2	
16	.	11.0	.	10.5	
17	.	10.8	.	10.2	
18	.	9.2	.	.	
19	.	8.9	.	9.8	
20	.	10.5	.	10.3	
21	.	9.6	.	10.3	
22	.	1.3	.	7.9	
23	.	10.1	.	8.3	
24	.	10.7	.	4.9	
25	.	7.8	.	5.8	
26	.	2.0	.	6.7	
27	.	5.4	.	8.2	
28	.	6.3	.	8.3	
29	.	14.5	.	10.0	
30	.	10.5	.	6.6	
31					
TT Monthly Totals					
Daily Means					
SS Monthly Totals	.	265.5	.	.	
Daily Means	.	8.9	.	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: APRIL		Year: 2024		Country: CHILE	
Daily Totals					
Latitude	27°15'S	27°10' S	29°57' S	33°23' S	
Longitude	70°46'W	109°26' W	71°22' W	70°47' W	
Elevation	204 m	47 m	25 m	474 m	
Station	CALDERA	ISLA DE PASCUA	LA SERENA	PUDAHUEL	
Date					
1	.	1.8	7.8	8.4	
2	.	2.5	9.5	6.1	
3	.	3.2	8.8	0.0	
4	.	7.2	3.9	10.6	
5	.	5.1	2.5	10.9	
6	.	5.1	6.0	10.9	
7	.	4.1	.	10.8	
8	.	3.3	0.0	10.7	
9	.	6.6	0.9	10.8	
10	.	2.5	0.0	10.5	
11	.	4.5	0.0	2.7	
12	.	5.0	5.3	0.5	
13	.	1.1	5.5	5.8	
14	.	1.9	3.4	9.4	
15	.	10.9	9.7	0.7	
16	.	11.2	10.9	10.1	
17	.	10.9	10.7	10.4	
18	.	7.2	10.0	9.9	
19	.	1.5	2.9	8.5	
20	.	9.7	0.1	1.7	
21	.	9.1	0.1	1.6	
22	.	10.8	10.1	10.2	
23	.	0.0	0.0	7.8	
24	.	0.0	3.8	10.2	
25	.	4.8	9.2	9.3	
26	.	10.8	9.7	9.7	
27	.	10.7	10.5	10.1	
28	.	2.0	5.1	1.7	
29	.	3.2	.	8.6	
30	.	10.2	2.3	9.2	
31					
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	.	166.9	.	227.8	
 Daily Means	.	5.6	5.3	7.6	
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: APRIL Year: 2024 Country: CHILE

Daily Totals				
Latitude	33°27' S	33°37' S	33°39' S	34°58' S
Longitude	70°42' W	78°50' W	71°36' W	71°12' W
Elevation	520 m	30 m	74 m	225 m
Station				
Date	QUINTA NORMAL	ROBINSON CRUSOE	SANTO DOMINGO	CURICO
1	7.1	.	7.7	.
2	2.8	.	2.0	.
3	0.0	.	0.0	.
4	8.4	.	9.8	.
5	8.3	.	17.2	.
6	8.4	.	10.0	.
7	8.4	.	10.0	.
8	8.4	.	0.5	.
9	8.3	.	5.7	.
10	8.1	.	7.8	.
11	0.2	.	5.4	.
12	0.3	.	2.9	.
13	4.4	.	8.9	.
14	7.1	.	8.6	.
15	0.3	.	7.0	.
16	8.2	.	9.5	.
17	8.3	.	10.2	.
18	8.4	.	9.2	.
19	6.5	.	3.0	.
20	1.3	.	0.7	.
21	1.5	.	0.0	.
22	8.4	.	4.1	.
23	8.4	.	9.0	.
24	8.4	.	8.5	.
25	7.5	.	8.5	.
26	7.8	.	8.6	.
27	8.0	.	8.3	.
28	1.2	.	3.5	.
29	6.0	.	6.1	.
30	5.1	.	3.6	.
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	175.5	.	196.3	.
 Daily Means	5.9	.	6.5	.
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: 2024		Country: CHILE	
Daily Totals					
Latitude	36°36' S	36°46' S	38°45' S	39°41' S	
Longitude	72°26' W	73°03' W	72°38' W	73°04' W	
Elevation	124 m	12 m	114 m	19 m	
Station	CHILLAN	CONCEPCION	TEMUCO	VALDIVIA	
Date					
1	.	.	8.8	8.5	
2	.	.	0.9	3.8	
3	.	.	2.9	2.6	
4	.	.	1.4	0.5	
5	.	.	6.9	6.7	
6	.	.	2.9	0.6	
7	.	.	4.9	3.0	
8	.	.	0.0	1.4	
9	.	.	9.3	10.0	
10	.	.	3.3	2.6	
11	.	.	9.5	7.2	
12	.	.	8.5	10.0	
13	.	.	9.4	10.2	
14	.	.	8.5	8.8	
15	.	.	1.6	0.1	
16	.	.	0.1	2.0	
17	.	.	5.7	4.0	
18	.	.	0.4	0.0	
19	.	.	0.9	5.5	
20	.	.	5.2	3.2	
21	.	.	6.2	5.2	
22	.	.	0.6	0.8	
23	.	.	7.1	6.7	
24	.	.	1.1	0.0	
25	.	.	1.0	4.6	
26	.	.	5.9	5.3	
27	.	.	4.4	3.4	
28	.	.	0.8	0.0	
29	.	.	0.0	.	
30	.	.	3.1	4.0	
31					
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	.	.	121.3	.	
 Daily Means	.	.	4.0	4.2	
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: 2024 Country: CHILE

Daily Totals				
Latitude	41°26' S	45°35' S	53°08' S	
Longitude	73°07' W	72°07' W	70°58' W	
Elevation	81 m	310 m	37 m	
Station				
Date	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS	
1	0.0	.	1.8	
2	1.2	.	6.7	
3	0.7	.	2.1	
4	1.1	.	7.4	
5	7.3	.	5.1	
6	0.0	.	7.9	
7	0.0	.	4.9	
8	1.6	.	8.1	
9	9.6	.	8.3	
10	10.5	.	3.3	
11	10.4	.	8.7	
12	10.4	.	9.5	
13	10.4	.	1.7	
14	10.2	.	0.0	
15	6.4	.	6.0	
16	3.0	.	4.1	
17	5.7	.	8.5	
18	0.1	.	0.6	
19	4.5	.	3.0	
20	5.0	.	7.1	
21	2.9	.	8.4	
22	0.2	.	3.6	
23	4.6	.	0.2	
24	0.0	.	0.0	
25	1.7	.	3.6	
26	5.8	.	5.3	
27	3.3	.	5.2	
28	1.5	.	7.9	
29	1.8	.	5.3	
30	6.9	.	8.1	
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	126.8	.	152.4	
 Daily Means	4.2	.	5.1	
Types of Instruments	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: 2024			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	.	7.2	.	6.3
2	.	0.0	.	3.4
3	.	0.0	.	6.9
4	.	0.0	.	9.2
5	.	4.5	.	7.4
6	.	8.7	.	3.1
7	.	1.0	.	0.0
8	.	8.4	.	9.0
9	.	0.0	.	1.5
10	.	1.9	.	7.4
11	.	6.6	.	7.5
12	.	2.5	.	5.6
13	.	3.7	.	7.0
14	.	9.3	.	5.8
15	.	1.7	.	1.3
16	.	0.0	.	0.4
17	.	0.0	.	0.0
18	.	8.7	.	8.6
19	.	0.0	.	8.7
20	.	5.8	.	4.2
21	.	1.4	.	6.8
22	.	7.5	.	7.0
23	.	9.4	.	5.9
24	.	6.2	.	7.5
25	.	10.2	.	7.6
26	.	6.6	.	7.5
27	.	7.0	.	7.9
28	.	3.4	.	6.8
29	.	8.9	.	6.7
30	.	7.4	.	7.6
31	.	10.0	.	7.6
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	.	148.0	.	182.2
 Daily Means	.	4.8	.	5.9
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: 2024		Country: CHILE	
Daily Totals					
Latitude	27°15'S	27°10' S	29°57' S	33°23' S	
Longitude	70°46'W	109°26' W	71°22' W	70°47' W	
Elevation	204 m	47 m	25 m	474 m	
Station					
Date	CALDERA	ISLA DE PASCUA	LA SERENA	PUDAHUEL	
1	.	3.5	7.1	1.7	
2	.	6.3	10.0	3.7	
3	.	6.2	10.4	9.9	
4	.	10.7	10.3	8.8	
5	.	9.4	8.9	9.6	
6	.	6.4	.	8.1	
7	.	7.9	8.0	0.0	
8	.	10.3	10.4	9.8	
9	.	0.0	2.6	9.8	
10	.	8.6	5.9	3.8	
11	.	9.4	9.7	8.1	
12	.	8.6	7.6	9.1	
13	.	9.0	9.6	9.6	
14	.	1.9	2.5	9.2	
15	.	5.3	1.7	2.2	
16	.	0.3	8.8	9.6	
17	.	4.4	9.5	8.5	
18	.	10.4	10.2	8.8	
19	.	10.2	10.2	4.9	
20	.	7.8	0.7	0.0	
21	.	3.8	2.8	3.7	
22	.	5.3	0.3	0.0	
23	.	.	7.6	8.1	
24	.	7.9	8.2	0.0	
25	.	0.0	0.0	3.6	
26	.	7.9	9.8	5.8	
27	.	10.2	10.0	3.4	
28	.	6.6	1.1	3.7	
29	.	6.2	7.8	4.5	
30	.	6.0	8.6	9.0	
31	.	6.0	4.8	0.2	
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	.	.	.	177.2	
 Daily Means	.	6.6	6.8	5.7	
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: MAY		Year: 2024		Country: CHILE	
Daily Totals					
Latitude	33°27' S	33°37' S	33°39' S	34°58' S	
Longitude	70°42' W	78°50' W	71°36' W	71°12' W	
Elevation	520 m	30 m	74 m	225 m	
Station					
Date	QUINTA NORMAL	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	
1	0.7	.	2.1	.	
2	1.7	.	7.3	.	
3	7.7	.	7.8	.	
4	8.0	.	8.4	.	
5	1.8	.	4.4	.	
6	6.5	.	7.4	.	
7	0.0	.	0.0	.	
8	7.9	.	7.9	.	
9	7.7	.	8.0	.	
10	0.0	.	0.6	.	
11	6.0	.	6.6	.	
12	6.8	.	7.1	.	
13	7.6	.	7.3	.	
14	7.5	.	7.3	.	
15	1.7	.	3.7	.	
16	7.6	.	7.6	.	
17	7.4	.	6.8	.	
18	7.0	.	6.4	.	
19	4.2	.	2.5	.	
20	0.0	.	0.0	.	
21	2.1	.	4.5	.	
22	0.0	.	0.0	.	
23	6.8	.	6.3	.	
24	0.0	.	0.0	.	
25	2.4	.	2.7	.	
26	4.9	.	5.2	.	
27	0.9	.	0.1	.	
28	2.6	.	1.8	.	
29	3.6	.	5.3	.	
30	6.1	.	5.0	.	
31	0.0	.	0.0	.	
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	127.2	.	140.1	.	
 Daily Means	4.1	.	4.5	.	
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: 2024 Country: CHILE

Daily Totals				
Latitude	36°36' S	36°46' S	38°45' S	39°41' S
Longitude	72°26' W	73°03' W	72°38' W	73°04' W
Elevation	124 m	12 m	114 m	19 m
Station	CHILLAN	CONCEPCION	TEMUCO	VALDIVIA
Date				
1	.	.	5.6	2.9
2	.	.	6.3	2.8
3	.	.	0.0	0.0
4	.	.	3.5	4.9
5	.	.	4.0	1.3
6	.	.	0.0	0.0
7	.	.	4.3	6.4
8	.	.	1.4	0.6
9	.	.	2.7	0.0
10	.	.	4.1	5.3
11	.	.	2.6	1.4
12	.	.	4.8	2.7
13	.	.	6.9	.
14	.	.	8.6	5.2
15	.	.	7.1	3.3
16	.	.	6.9	1.9
17	.	.	5.9	0.0
18	.	.	5.1	0.0
19	.	.	0.0	0.0
20	.	.	4.6	1.3
21	.	.	5.6	.
22	.	.	1.8	2.7
23	.	.	2.4	0.6
24	.	.	5.8	6.1
25	.	.	0.0	.
26	.	.	6.1	5.0
27	.	.	6.6	2.7
28	.	.	0.0	0.0
29	.	.	0.0	3.2
30	.	.	1.6	.
31	.	.	0.0	1.5
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	.	.	114.3	.
 Daily Means	.	.	3.7	2.3
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: MAY Year: 2024 Country: CHILE

Daily Totals				
Latitude	41°26' S	45°35' S	53°08' S	
Longitude	73°07' W	72°07' W	70°58' W	
Elevation	81 m	310 m	37 m	
Station				
Date	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS	
1	0.8	.	3.3	
2	5.2	.	0.4	
3	0.0	.	0.0	
4	3.1	.	0.2	
5	1.4	.	4.2	
6	0.0	.	0.1	
7	5.8	.	0.0	
8	0.0	.	0.1	
9	4.9	.	0.6	
10	0.0	.	8.4	
11	5.8	.	3.3	
12	6.2	.	8.0	
13	8.7	.	1.0	
14	9.2	.	1.8	
15	8.2	.	1.6	
16	6.8	.	7.4	
17	8.9	.	7.9	
18	7.5	.	7.7	
19	0.0	.	0.6	
20	1.9	.	0.6	
21	3.3	.	6.4	
22	1.5	.	7.0	
23	2.0	.	7.5	
24	8.5	.	7.9	
25	6.4	.	4.9	
26	8.8	.	5.5	
27	6.2	.	0.4	
28	0.0	.	0.0	
29	1.5	.	0.0	
30	4.4	.	7.2	
31	0.7	.	0.0	
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	127.7	.	104.0	
 Daily Means	4.1	.	3.4	
Types of Instruments	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: 2024		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					
Date	ARICA	IQUIQUE	CALAMA	ANTOFAGASTA	
1	.	8.5	.	6.2	
2	.	4.5	.	6.1	
3	.	2.4	.	5.8	
4	.	7.7	.	6.2	
5	.	8.3	.	6.8	
6	.	10.1	.	8.5	
7	.	6.2	.	7.8	
8	.	6.8	.	8.8	
9	.	5.1	.	6.0	
10	.	7.6	.	7.9	
11	.	9.6	.	5.6	
12	.	9.0	.	5.7	
13	.	8.8	.	7.5	
14	.	8.0	.	8.7	
15	.	7.0	.	3.5	
16	.	1.8	.	1.1	
17	.	5.7	.	5.4	
18	.	7.4	.	6.5	
19	.	8.1	.	6.4	
20	.	6.9	.	.	
21	.	6.0	.	9.0	
22	.	10.1	.	8.7	
23	.	2.1	.	2.6	
24	.	0.7	.	5.2	
25	.	4.3	.	2.0	
26	.	3.1	.	5.7	
27	.	0.0	.	0.3	
28	.	9.8	.	7.0	
29	.	9.8	.	7.8	
30	.	9.4	.	7.9	
31					
TT Monthly Totals					
Daily Means					
SS Monthly Totals	.	194.8	.	.	
Daily Means	.	6.5	.	6.1	
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: JUNE		Year: 20234		Country: CHILE	
Daily Totals					
Latitude	27°15'S	27°10' S	29°57' S	33°23' S	
Longitude	70°46'W	109°26' W	71°22' W	70°47' W	
Elevation	204 m	47 m	25 m	474 m	
Station					
Date	CALDERA	ISLA DE PASCUA	LA SERENA	PUDAHUEL	
1	.	6.5	7.7	8.9	
2	.	4.5	3.9	3.4	
3	.	2.6	0.0	0.0	
4	.	5.5	2.5	0.0	
5	.	4.4	0.5	0.0	
6	.	3.3	4.7	0.0	
7	.	3.6	.	6.8	
8	.	6.3	0.0	2.2	
9	.	8.1	0.0	0.8	
10	.	5.5	0.2	0.0	
11	.	3.0	0.3	0.0	
12	.	0.7	0.5	1.1	
13	.	9.5	0.0	0.0	
14	.	9.5	1.1	4.7	
15	.	8.2	9.7	8.2	
16	.	.	7.7	9.0	
17	.	7.1	7.3	0.3	
18	.	9.9	9.5	0.0	
19	.	10.0	9.4	8.4	
20	.	4.9	.	0.0	
21	.	5.9	0.0	0.0	
22	.	9.7	0.0	0.0	
23	.	7.5	1.5	4.4	
24	.	6.4	6.0	0.3	
25	.	7.7	7.4	6.9	
26	.	7.8	9.8	7.3	
27	.	0.0	2.3	6.2	
28	.	5.9	3.3	8.4	
29	.	6.9	0.4	3.6	
30	.	8.3	8.2	9.1	
31					
TT Monthly Totals					
Daily Means					
SS Monthly Totals	.	.	.	100.0	
Daily Means	.	6.2	3.7	3.3	
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: 2024		Country: CHILE	
Daily Totals					
Latitude	33°27' S	33°37' S	33°39' S	34°58' S	
Longitude	70°42' W	78°50' W	71°36' W	71°12' W	
Elevation	520 m	30 m	74 m	225 m	
Station					
Date	QUINTA NORMAL	ROBINSON CRUSOE	SANTO DOMINGO	CURICO	
1	6.6	.	6.4	.	
2	2.6	.	4.3	.	
3	0.0	.	0.0	.	
4	0.0	.	0.0	.	
5	0.0	.	0.0	.	
6	0.0	.	0.0	.	
7	4.5	.	2.8	.	
8	0.6	.	0.0	.	
9	0.0	.	0.0	.	
10	0.3	.	0.0	.	
11	0.0	.	0.0	.	
12	0.0	.	0.0	.	
13	0.0	.	0.0	.	
14	3.9	.	4.8	.	
15	6.7	.	4.4	.	
16	6.7	.	0.0	.	
17	0.0	.	1.0	.	
18	0.0	.	0.0	.	
19	6.8	.	3.6	.	
20	0.0	.	0.0	.	
21	0.0	.	0.3	.	
22	0.0	.	0.0	.	
23	1.2	.	5.6	.	
24	0.0	.	0.0	.	
25	4.4	.	6.0	.	
26	3.8	.	2.8	.	
27	3.0	.	4.3	.	
28	6.3	.	6.5	.	
29	2.1	.	4.7	.	
30	7.3	.	5.0	.	
31					
TT Monthly Totals					
 Daily Means					
SS Monthly Totals	66.8	.	62.5	.	
 Daily Means	2.2	.	2.1	.	
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: JUNE Year: 2024 Country: CHILE

Daily Totals				
Latitude	36°36' S	36°46' S	38°45' S	39°41' S
Longitude	72°26' W	73°03' W	72°38' W	73°04' W
Elevation	124 m	12 m	114 m	19 m
Station	CHILLAN	CONCEPCION	TEMUCO	VALDIVIA
Date				
1	.	.	3.2	0.3
2	.	.	5.4	2.3
3	.	.	0.2	0.2
4	.	.	3.9	.
5	.	.	0.0	0.0
6	.	.	1.8	0.0
7	.	.	1.7	1.4
8	.	.	0.0	0.0
9	.	.	0.9	0.0
10	.	.	0.0	.
11	.	.	0.0	0.0
12	.	.	0.0	0.0
13	.	.	0.0	0.0
14	.	.	2.4	1.2
15	.	.	1.5	0.8
16	.	.	3.5	.
17	.	.	1.3	2.6
18	.	.	3.0	0.8
19	.	.	2.9	3.1
20	.	.	0.0	1.7
21	.	.	0.5	0.0
22	.	.	3.4	0.4
23	.	.	2.5	.
24	.	.	2.5	1.2
25	.	.	0.9	0.0
26	.	.	0.0	.
27	.	.	5.7	6.3
28	.	.	6.0	3.2
29	.	.	7.2	0.0
30	.	.	0.0	.
31				
TT Monthly Totals				
 Daily Means				
SS Monthly Totals	.	.	60.4	.
 Daily Means	.	.	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: 2024 Country: CHILE

Daily Totals				
Latitude	41°26' S	45°35' S	53°08' S	
Longitude	73°07' W	72°07' W	70°58' W	
Elevation	81 m	310 m	37 m	
Station				
Date	PUERTO MONTT	COYHAIQUE	PUNTA ARENAS	
1	1.0	.	7.0	
2	8.2	.	5.5	
3	0.2	.	0.0	
4	0.4	.	0.0	
5	0.9	.	0.0	
6	6.4	.	0.0	
7	0.0	.	0.3	
8	0.1	.	7.2	
9	0.8	.	1.7	
10	0.2	.	0.0	
11	3.1	.	0.0	
12	0.0	.	0.7	
13	0.3	.	0.0	
14	2.4	.	0.0	
15	4.7	.	6.5	
16	0.8	.	5.9	
17	1.8	.	2.7	
18	1.8	.	6.0	
19	2.3	.	5.5	
20	0.5	.	2.5	
21	1.7	.	5.5	
22	0.2	.	6.4	
23	0.9	.	6.4	
24	8.5	.	3.2	
25	1.4	.	0.0	
26	0.0	.	0.0	
27	5.5	.	0.0	
28	2.6	.	2.2	
29	4.6	.	0.6	
30	0.0	.	4.0	
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	61.3	.	79.8	
Daily Means	2.0	.	2.7	
Types of Instruments	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	HELIOGRAPH CAMPBELL STOKES	