



Informe Solarimétrico

1 Semestre 2022



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: 2022		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	29.96	.	.	.	
2	30.33	.	.	.	
3	30.44	.	.	.	
4	30.35	.	.	.	
5	29.58	.	.	.	
6	25.84	.	.	.	
7	27.61	.	.	.	
8	25.88	.	.	.	
9	29.75	.	.	.	
10	26.15	.	.	.	
11	28.51	.	.	.	
12	25.04	.	.	.	
13	25.40	.	.	.	
14	14.67	.	.	.	
15	29.90	.	.	.	
16	21.96	.	.	.	
17	30.27	.	.	.	
18	30.08	.	.	.	
19	28.87	.	.	.	
20	26.97	.	.	.	
21	22.84	.	.	.	
22	20.75	.	.	.	
23	25.81	.	.	.	
24	28.73	.	.	.	
25	21.59	.	.	.	
26	24.21	.	.	.	
27	22.57	.	.	.	
28	22.12	.	.	.	
29	29.33	.	.	.	
30	30.38	.	.	.	
31	30.03	.	.	.	
TT Monthly Totals	825.91	.	.	.	
Daily Means	26.64	.	.	.	
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: 2022		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	31.53	3.52	.	13.09				
2	31.50	24.25	.	32.24				
3	30.79	12.36	.	17.35				
4	30.56	14.64	.	20.09				
5	30.32	31.49	.	20.16				
6	30.23	30.17	.	28.34				
7	30.75	30.47	.	8.75				
8	30.09	25.48	.	34.74				
9	24.86	6.35	.	20.23				
10	25.63	17.49	.	28.08				
11	28.90	16.51	.	22.22				
12	28.91	30.92	.	21.99				
13	28.37	14.61	.	25.74				
14	28.97	7.47	.	20.56				
15	29.82	18.65	.	20.14				
16	21.98	22.12	.	25.73				
17	21.74	13.76	.	17.18				
18	27.03	32.29	.	21.33				
19	29.98	27.56	.	32.76				
20	29.67	14.40	.	31.60				
21	29.44	16.43	.	29.86				
22	30.35	11.09	.	12.39				
23	30.12	15.39	.	16.53				
24	29.66	22.84	.	23.68				
25	29.80	29.65	.	22.92				
26	29.66	28.20	.	9.18				
27	29.01	30.84	.	28.08				
28	28.09	29.81	.	22.82				
29	29.68	24.04	.	6.91				
30	29.77	15.66	.	21.80				
31	29.51	28.70	.	20.32				
TT Monthly Totals	896.72	647.15	.	676.82				
Daily Means	28.93	20.88	.	21.83				
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: FEBRUARY		Year: 2022		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	28.41	.	.	.	
2	29.62	.	.	.	
3	29.67	.	.	.	
4	9.70	.	.	.	
5	30.18	.	.	.	
6	24.37	.	.	.	
7	29.17	.	.	.	
8	28.07	.	.	.	
9	25.02	.	.	.	
10	29.47	.	.	.	
11	29.70	.	.	.	
12	24.00	.	.	.	
13	29.89	.	.	.	
14	25.50	.	.	.	
15	29.02	.	.	.	
16	29.14	.	.	.	
17	27.42	.	.	.	
18	29.28	.	.	.	
19	27.99	.	.	.	
20	28.57	.	.	.	
21	28.79	.	.	.	
22	22.79	.	.	.	
23	27.99	.	.	.	
24	26.29	.	.	.	
25	29.67	.	.	.	
26	20.51	.	.	.	
27	25.88	.	.	.	
28	17.58	.	.	.	
29					
30					
31					
TT Monthly Totals	743.68	.	.	.	
Daily Means	26.56	.	.	.	
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: FEBRUARY		Year: 2022		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	26.92	15.08	.	27.15	
2	29.16	21.56	.	9.52	
3	23.97	18.67	.	8.56	
4	29.65	4.37	.	7.91	
5	28.99	0.00	.	0.00	
6	29.29	0.00	.	0.00	
7	29.01	0.00	.	0.00	
8	29.00	3.94	.	2.58	
9	28.11	26.75	.	25.43	
10	25.28	30.11	.	17.25	
11	25.27	28.65	.	8.91	
12	26.89	29.06	.	25.85	
13	26.84	27.41	.	26.20	
14	27.39	24.26	.	9.24	
15	26.90	21.53	.	22.98	
16	28.05	26.12	.	16.72	
17	27.63	28.87	.	3.41	
18	27.05	21.34	.	8.49	
19	27.30	13.43	.	10.90	
20	21.10	14.07	.	19.10	
21	23.75	24.39	.	24.80	
22	25.23	24.43	.	12.15	
23	22.19	15.44	.	17.28	
24	27.67	10.83	.	21.48	
25	26.44	8.14	.	13.22	
26	26.05	17.35	.	18.80	
27	25.96	17.20	.	14.65	
28	25.31	18.63	.	13.20	
29			.		
30					
31					
TT Monthly Totals	746.41	491.61	.	385.79	
Daily Means	26.66	17.56	.	13.78	
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: MARCH		Year: 2022		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	22.15	.	.	.	
2	26.07	.	.	.	
3	25.92	.	.	.	
4	25.67	.	.	.	
5	25.29	.	.	.	
6	23.69	.	.	.	
7	27.18	.	.	.	
8	15.33	.	.	.	
9	19.42	.	.	.	
10	25.59	.	.	.	
11	25.12	.	.	.	
12	25.63	.	.	.	
13	26.35	.	.	.	
14	26.82	.	.	.	
15	25.66	.	.	.	
16	26.61	.	.	.	
17	27.07	.	.	.	
18	26.80	.	.	.	
19	18.55	.	.	.	
20	24.19	.	.	.	
21	25.28	.	.	.	
22	26.16	.	.	.	
23	26.02	.	.	.	
24	25.74	.	.	.	
25	26.04	.	.	.	
26	26.28	.	.	.	
27	25.93	.	.	.	
28	24.11	.	.	.	
29	23.58	.	.	.	
30	16.64	.	.	.	
31	25.16	.	.	.	
TT Monthly Totals	760.07	.	.	.	
Daily Means	24.52	.	.	.	
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: MARCH		Year: 2022		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	25.66	11.62	.	15.26	
2	24.95	11.17	.	4.66	
3	24.23	7.74	.	17.18	
4	24.32	13.76	.	10.34	
5	22.21	9.18	.	13.46	
6	17.26	6.10	.	10.43	
7	24.60	12.65	.	10.68	
8	24.24	10.10	.	4.07	
9	23.70	14.64	.	17.78	
10	23.33	21.61	.	16.99	
11	23.15	12.54	.	11.56	
12	23.00	15.00	.	5.25	
13	22.67	18.63	.	14.91	
14	22.76	20.50	.	6.83	
15	21.98	20.23	.	6.17	
16	19.74	6.47	.	8.95	
17	13.98	16.49	.	16.78	
18	21.39	21.41	.	8.32	
19	14.75	12.36	.	16.70	
20	15.86	10.12	.	9.71	
21	22.48	7.99	.	8.09	
22	21.88	6.72	.	8.15	
23	21.77	11.35	.	11.10	
24	21.88	15.39	.	13.21	
25	21.72	16.92	.	4.93	
26	21.14	7.67	.	2.45	
27	17.60	15.31	.	10.42	
28	20.75	4.27	.	4.59	
29	20.71	12.79	.	3.58	
30	21.18	12.77	.	4.53	
31	21.05	15.88	.	12.08	
TT Monthly Totals	665.96	399.41	.	309.17	
Daily Means	21.48	12.88	.	9.97	
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: 2022		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	25.25	.	.	.	
2	23.99	.	.	.	
3	24.78	.	.	.	
4	24.76	.	.	.	
5	19.41	.	.	.	
6	24.36	.	.	.	
7	23.10	.	.	.	
8	23.19	.	.	.	
9	18.70	.	.	.	
10	16.43	.	.	.	
11	18.92	.	.	.	
12	18.94	.	.	.	
13	20.15	.	.	.	
14	15.34	.	.	14.95	
15	19.59	.	.	17.74	
16	17.48	.	.	19.18	
17	18.40	.	.	17.32	
18	20.76	.	.	11.74	
19	23.46	.	.	17.88	
20	23.01	.	.	19.70	
21	22.79	.	.	19.44	
22	20.17	.	.	16.40	
23	19.83	.	.	7.05	
24	22.34	.	.	12.52	
25	18.32	.	.	19.70	
26	22.11	.	.	8.83	
27	21.84	.	.	18.30	
28	7.51	.	.	16.02	
29	22.06	.	.	8.46	
30	18.37	.	.	19.28	
31					
TT Monthly Totals	615.34	.	.	.	
Daily Means	20.51	.	.	.	
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: 2022		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	20.38		17.63		.		8.91	
2	19.45		6.64		.		6.84	
3	19.32		11.62		.		10.44	
4	19.26		4.27		.		11.76	
5	19.21		3.73		.		14.21	
6	18.88		4.42		.		8.76	
7	18.52		5.55		.		13.09	
8	15.80		13.24		.		10.99	
9	17.94		3.99		.		9.35	
10	18.09		6.25		.		7.83	
11	18.02		3.54		.		8.74	
12	13.70		8.41		.		9.47	
13	17.96		13.19		.		9.44	
14	17.44		13.58		.		9.80	
15	7.44		6.07		.		4.02	
16	16.28		14.67		.		6.98	
17	16.84		8.76		.		1.35	
18	16.68		7.02		.		5.25	
19	11.49		3.54		.		9.42	
20	15.16		10.21		.		3.10	
21	8.05		3.24		.		5.68	
22	11.28		0.00		.		4.52	
23	15.70		3.12		.		2.09	
24	16.34		2.90		.		2.71	
25	14.70		1.93		.		4.51	
26	6.40		6.31		.		7.30	
27	4.89		8.71		.		8.58	
28	14.56		7.96		.		3.58	
29	14.51		12.52		.		6.84	
30	14.58		7.87		.		7.80	
31								
TT Monthly Totals	458.87		220.89		.		223.37	
Daily Means	15.30		7.36		.		7.45	
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: MAY		Year: 2022		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				
Date	ARICA	CALAMA	ANTOFAGASTA	CALDERA
1	14.83	.	.	13.06
2	17.18	.	.	13.95
3	19.03	.	.	16.32
4	20.98	.	.	16.92
5	20.63	.	.	15.43
6	12.50	.	.	9.45
7	7.88	.	.	4.58
8	20.42	.	.	17.07
9	20.69	.	.	17.67
10	11.12	.	.	11.83
11	14.19	.	.	7.60
12	16.83	.	.	8.64
13	17.19	.	.	9.80
14	14.20	.	.	12.10
15	11.20	.	.	13.24
16	13.90	.	.	14.53
17	18.07	.	.	12.46
18	13.08	.	.	9.47
19	18.84	.	.	13.80
20	14.07	.	.	15.13
21	14.22	.	.	12.12
22	11.24	.	.	12.81
23	9.95	.	.	11.30
24	11.03	.	.	13.42
25	16.10	.	.	14.09
26	14.87	.	.	9.46
27	14.24	.	.	10.64
28	10.09	.	.	5.96
29	17.12	.	.	12.60
30	12.11	.	.	13.45
31	13.41	.	.	6.79
TT Monthly Totals	461.19	.	.	375.68
Daily Means	14.88	.	.	12.12
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: MAY		Year: 2022		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	14.28	5.43	.	7.83	
2	14.15	5.19	.	5.97	
3	14.31	4.78	.	6.01	
4	14.27	3.62	.	5.42	
5	7.90	4.02	.	4.77	
6	12.45	9.43	.	1.79	
7	13.67	3.76	.	7.40	
8	2.07	6.85	.	6.50	
9	12.55	6.58	.	5.34	
10	13.34	10.70	.	2.71	
11	6.56	1.91	.	2.74	
12	5.46	3.93	.	3.50	
13	11.80	3.86	.	6.01	
14	5.28	6.93	.	3.66	
15	13.24	9.81	.	3.04	
16	12.72	11.52	.	1.15	
17	12.64	9.55	.	1.53	
18	12.46	9.94	.	4.78	
19	11.99	2.63	.	2.77	
20	9.41	3.35	.	0.93	
21	11.12	2.26	.	4.04	
22	4.75	8.25	.	3.95	
23	5.71	3.86	.	2.15	
24	6.37	3.53	.	4.15	
25	10.94	9.43	.	4.79	
26	8.12	7.46	.	4.31	
27	3.51	3.76	.	2.69	
28	2.59	4.44	.	3.27	
29	10.47	4.45	.	4.26	
30	11.25	9.67	.	3.28	
31	11.03	9.69	.	4.29	
TT Monthly Totals	306.39	190.59	.	125.06	
Daily Means	9.88	6.15	.	4.03	
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: JUNE		Year: 2022		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	11.15	.	.	8.08
2	11.25	.	.	14.20
3	16.96	.	.	14.39
4	17.78	.	.	13.54
5	11.14	.	.	11.86
6	18.39	.	.	13.92
7	6.16	.	.	4.14
8	4.18	.	.	5.16
9	7.78	.	.	13.79
10	20.08	.	.	12.39
11	14.80	.	.	9.04
12	16.23	.	.	10.46
13	12.11	.	.	9.36
14	8.97	.	.	7.77
15	9.92	.	.	5.00
16	13.67	.	.	12.65
17	19.03	.	.	15.48
18	10.37	.	.	9.96
19	19.12	.	.	14.24
20	9.58	.	.	11.50
21	17.27	.	.	13.07
22	15.73	.	.	9.78
23	11.75	.	.	15.12
24	15.34	.	.	12.52
25	10.58	.	.	2.69
26	15.71	.	.	5.77
27	16.62	.	.	10.06
28	17.29	.	.	15.81
29	8.77	.	.	15.47
30	9.74	.	.	11.25
31				
TT Monthly Totals	397.48	.	.	328.47
Daily Means	13.25	.	.	10.95
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: JUNE		Year: 2022		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	9.41	6.61	.	3.02	
2	5.40	7.36	.	3.57	
3	1.00	2.11	.	1.94	
4	2.78	3.25	.	4.04	
5	6.77	2.70	.	0.84	
6	11.13	0.50	.	1.25	
7	10.43	3.76	.	3.50	
8	9.63	2.66	.	0.86	
9	8.57	6.66	.	3.79	
10	10.34	8.48	.	1.51	
11	11.10	7.08	.	1.09	
12	9.82	5.47	.	3.13	
13	7.70	0.96	.	2.51	
14	4.98	2.34	.	3.72	
15	9.34	6.51	.	0.95	
16	5.98	2.38	.	3.54	
17	9.87	4.22	.	2.28	
18	9.30	1.34	.	3.39	
19	5.24	2.79	.	3.01	
20	4.86	6.20	.	3.11	
21	5.73	8.39	.	3.72	
22	4.34	8.36	.	3.43	
23	4.09	9.17	.	3.65	
24	3.98	8.61	.	2.72	
25	8.04	8.50	.	1.65	
26	6.17	9.30	.	2.93	
27	9.19	1.91	.	3.58	
28	10.73	0.55	.	1.81	
29	10.64	4.41	.	3.08	
30	10.26	3.34	.	3.26	
31					
TT Monthly Totals	226.81	145.95	.	80.87	
Daily Means	7.56	4.86	.	2.70	
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: 2022		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	.	11.2	
2	.	12.5	.	11.8	
3	.	12.5	.	11.4	
4	.	12.5	.	12.1	
5	.	12.4	.	12.0	
6	.	12.4	.	12.1	
7	.	12.4	.	10.6	
8	.	11.3	.	11.8	
9	.	8.6	.	11.8	
10	.	10.4	.	11.1	
11	.	11.7	.	9.3	
12	.	9.7	.	10.9	
13	.	11.8	.	11.6	
14	.	11.3	.	11.4	
15	.	8.5	.	6.7	
16	.	11.9	.	9.9	
17	.	12.3	.	11.5	
18	.	12.3	.	10.3	
19	.	12.3	.	10.0	
20	.	11.2	.	10.8	
21	.	10.1	.	2.8	
22	.	3.9	.	2.3	
23	.	3.6	.	11.6	
24	.	8.2	.	7.9	
25	.	10.4	.	10.9	
26	.	5.8	.	10.4	
27	.	11.9	.	12.1	
28	.	11.8	.	11.5	
29	.	11.5	.	10.5	
30	.	11.9	.	11.1	
31	.	12.2	.	11.2	
TT Monthly Totals					
Daily Means					
SS Monthly Totals	.	331.7	.	320.6	
Daily Means	.	10.7	.	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: 2022		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	3.5	.	.	13.4
2	10.3	.	.	13.4
3	8.0	.	.	13.4
4	8.6	.	.	13.4
5	8.8	.	.	13.4
6	8.4	.	.	13.2
7	7.3	.	.	13.3
8	8.3	.	.	13.4
9	10.4	.	.	13.1
10	13.2	.	.	12.5
11	13.2	.	.	13.1
12	12.9	.	.	13.1
13	6.9	.	.	13.3
14	3.5	.	.	13.2
15	0.6	.	.	12.5
16	7.7	.	.	13.0
17	5.2	.	.	7.2
18	9.1	.	.	8.0
19	5.6	.	.	13.3
20	8.2	.	.	13.2
21	7.9	.	.	13.2
22	8.3	.	.	13.2
23	12.0	.	.	13.2
24	12.0	.	.	13.2
25	6.7	.	.	13.2
26	2.8	.	.	13.1
27	5.0	.	.	13.0
28	6.1	.	.	13.0
29	1.2	.	.	12.9
30	4.7	.	.	12.9
31	10.1	.	.	12.9
TT Monthly Totals				
Daily Means				
SS Monthly Totals	236.5	.	.	396.2
Daily Means	7.6	.	.	12.8
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: JANUARY		Year: 2022		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	11.5	7.3	12.8	.
2	12.6	7.3	12.3	.
3	12.0	5.3	12.9	.
4	11.5	7.7	12.5	.
5	11.7	1.1	12.4	.
6	11.5	0.0	2.6	.
7	11.4	1.3	9.5	.
8	11.4	9.5	4.8	.
9	11.4	6.5	5.4	.
10	7.8	0.3	7.5	.
11	9.1	5.8	9.2	.
12	10.4	2.4	0.6	.
13	11.2	9.8	0.0	.
14	11.1	6.2	6.4	.
15	10.5	5.7	12.5	.
16	10.0	2.1	0.0	.
17	6.8	5.3	1.6	.
18	6.1	9.4	12.4	.
19	11.2	6.1	12.9	.
20	11.1	6.8	12.9	.
21	10.8	6.2	12.6	.
22	11.2	3.9	12.9	.
23	11.2	8.5	12.8	.
24	11.2	8.2	12.7	.
25	11.2	2.7	13.5	.
26	11.0	2.8	5.4	.
27	10.4	4.7	7.1	.
28	10.8	0.0	0.0	.
29	10.7	2.3	4.3	.
30	11.2	0.5	5.2	.
31	11.2	4.7	12.5	.
TT Monthly Totals				
Daily Means				
SS Monthly Totals	331.2	150.4	260.2	.
Daily Means	10.7	4.9	8.4	.
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: 2022		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	.	.	9.7	.
2	.	.	0.0	0.0
3	.	.	0.0	6.7
4	.	.	0.2	0.0
5	.	.	11.6	7.8
6	.	.	12.9	11.8
7	.	.	12.9	12.4
8	.	.	12.1	12.7
9	.	.	10.3	12.6
10	.	.	7.6	4.4
11	.	.	10.8	9.4
12	.	.	11.0	12.3
13	.	.	9.8	12.3
14	.	.	13.3	9.7
15	.	.	13.8	7.3
16	.	.	9.8	12.5
17	.	.	4.1	6.5
18	.	.	12.5	10.5
19	.	.	10.5	10.1
20	.	.	9.9	10.7
21	.	.	10.5	10.4
22	.	.	13.5	8.6
23	.	.	6.9	4.7
24	.	.	3.1	3.8
25	.	.	10.5	8.5
26	.	.	11.7	10.4
27	.	.	13.3	12.4
28	.	.	9.5	12.4
29	.	.	7.6	7.4
30	.	.	6.8	6.8
31	.	.	7.2	9.5
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	283.4	.
Daily Means	.	.	9.1	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: JANUARY		Year: 2022		Country: CHILE
Daily Totals				
Latitude	41°26' S	45°33' 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	1.7	4.5	10.4	
2	0.0	0.8	3.9	
3	5.3	8.1	14.3	
4	2.0	3.0	2.1	
5	4.4	9.1	6.4	
6	13.0	12.4	7.0	
7	10.5	7.5	9.5	
8	11.0	6.6	0.5	
9	11.2	9.2	15.0	
10	2.0	7.4	6.0	
11	9.0	7.5	9.3	
12	13.6	10.8	8.7	
13	10.4	13.3	6.9	
14	3.7	5.9	10.6	
15	0.7	8.2	8.1	
16	5.7	5.6	6.1	
17	8.7	10.9	0.0	
18	7.6	11.9	7.0	
19	13.2	12.1	6.2	
20	9.4	11.2	14.9	
21	3.8	4.9	14.8	
22	4.9	6.4	9.1	
23	2.2	2.8	1.3	
24	2.5	8.0	3.5	
25	7.4	9.1	10.1	
26	11.6	11.2	10.2	
27	9.7	12.2	10.2	
28	13.5	11.7	12.9	
29	10.6	11.1	0.0	
30	10.6	6.4	0.2	
31	7.0	10.6	7.9	
TT Monthly Totals				
Daily Means				
SS Monthly Totals	226.9	260.4	233.1	
Daily Means	7.3	8.4	7.5	
Types of	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH	
Instruments	CAMPBELL	CAMPBELL	CAMPBELL	
	STOKES	STOKES	STOKES	

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

Month: FEBRUARY		Year: 2022		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	.	12.0	.	11.5	
2	.	12.1	.	10.5	
3	.	12.1	.	11.1	
4	.	12.1	.	11.5	
5	.	12.3	.	.	
6	.	12.2	.	11.0	
7	.	11.7	.	11.9	
8	.	11.6	.	11.7	
9	.	8.9	.	11.7	
10	.	8.2	.	6.5	
11	.	12.1	.	11.6	
12	.	12.1	.	11.8	
13	.	11.6	.	11.7	
14	.	12.1	.	11.2	
15	.	11.1	.	11.1	
16	.	11.6	.	10.6	
17	.	11.6	.	10.9	
18	.	10.4	.	11.5	
19	.	11.9	.	11.2	
20	.	11.9	.	11.2	
21	.	11.6	.	11.2	
22	.	11.8	.	11.3	
23	.	5.4	.	7.7	
24	.	11.0	.	9.1	
25	.	11.7	.	11.5	
26	.	11.6	.	10.2	
27	.	10.3	.	10.6	
28	.	10.7	.	11.3	
29					
30					
31					
TT Monthly Totals					
Daily Means					
SS Monthly Totals	.	313.7	.	.	
Daily Means	.	11.2	.	10.9	
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: FEBRUARY		Year: 2022		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	9.4	.	.	12.9
2	11.2	.	.	12.6
3	11.5	.	.	12.8
4	10.7	.	.	11.8
5	12.5	.	.	12.6
6	9.9	.	.	12.7
7	6.9	.	.	12.7
8	9.4	.	.	12.7
9	4.8	.	.	12.7
10	0.0	.	.	12.6
11	4.3	.	.	11.6
12	12.1	.	.	11.7
13	12.4	.	.	12.3
14	12.4	.	.	12.4
15	12.5	.	.	12.4
16	.	.	.	10.6
17	7.3	.	.	12.4
18	4.4	.	.	12.4
19	5.6	.	.	12.3
20	8.8	.	.	12.3
21	9.2	.	.	10.7
22	6.3	.	.	12.3
23	7.8	.	.	11.6
24	7.3	.	.	8.9
25	12.4	.	.	12.2
26	10.1	.	.	12.2
27	9.2	.	.	12.2
28	8.3	.	.	12.1
29				
30				
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	.	338.7
Daily Means	8.8	.	.	12.1
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: FEBRUARY		Year: 2022		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	11.2	3.0	12.5	.
2	10.9	1.8	10.9	.
3	11.1	2.1	12.1	.
4	10.4	4.5	2.4	.
5	9.9	4.5	6.7	.
6	11.0	3.7	10.5	.
7	11.0	3.6	2.1	.
8	11.0	9.5	2.6	.
9	11.0	8.0	3.7	.
10	10.9	4.6	0.2	.
11	9.4	7.3	3.3	.
12	10.8	7.7	12.0	.
13	11.2	7.8	10.9	.
14	11.0	1.9	12.9	.
15	11.0	0.6	3.4	.
16	10.0	1.8	3.0	.
17	11.1	3.8	11.6	.
18	11.3	1.7	9.3	.
19	11.2	5.6	9.8	.
20	11.1	8.2	12.0	.
21	7.1	3.5	8.6	.
22	10.6	3.9	11.2	.
23	10.2	6.1	12.2	.
24	7.2	5.0	9.9	.
25	10.5	5.9	11.8	.
26	10.8	9.7	11.6	.
27	11.2	9.3	11.6	.
28	11.0	5.9	11.9	.
29				
30				
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	295.1	141.0	240.7	.
Daily Means	10.5	5.0	8.6	.
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: FEBRUARY		Year: 2022		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	.	.	13.1	12.1
2	.	.	13.9	11.8
3	.	.	9.3	11.5
4	.	.	9.9	7.4
5	.	.	7.9	7.2
6	.	.	11.8	10.9
7	.	.	12.8	12.2
8	.	.	11.1	11.9
9	.	.	10.6	10.3
10	.	.	11.0	8.2
11	.	.	13.1	12.1
12	.	.	13.1	11.8
13	.	.	12.3	11.8
14	.	.	11.6	11.4
15	.	.	8.7	9.8
16	.	.	9.6	10.2
17	.	.	10.8	10.8
18	.	.	12.4	10.8
19	.	.	12.0	11.2
20	.	.	3.5	3.2
21	.	.	7.9	9.2
22	.	.	5.9	10.1
23	.	.	9.9	9.6
24	.	.	2.8	2.5
25	.	.	6.4	4.1
26	.	.	7.6	4.5
27	.	.	7.6	5.6
28	.	.	9.6	5.9
29				
30				
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	276.2	258.1
Daily Means	.	.	9.9	9.2
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: FEBRUARY		Year: 2022		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	8.7	5.0	
2	4.8	11.2	0.0	
3	6.0	6.7	0.1	
4	7.2	2.8	0.2	
5	6.8	11.5	10.6	
6	8.3	7.5	0.0	
7	10.6	11.5	0.4	
8	8.1	10.2	0.0	
9	9.2	11.9	9.2	
10	10.9	7.5	9.8	
11	11.0	11.9	6.4	
12	11.7	11.8	1.4	
13	12.3	11.9	10.6	
14	11.6	10.8	12.0	
15	8.5	8.7	2.7	
16	8.7	1.8	11.1	
17	11.2	8.4	4.1	
18	12.5	10.8	0.6	
19	10.9	8.6	0.2	
20	3.4	6.9	0.5	
21	7.0	0.1	8.0	
22	10.5	9.0	12.6	
23	12.3	11.0	4.3	
24	5.0	11.4	6.4	
25	4.1	6.4	10.2	
26	3.4	0.8	7.8	
27	4.5	4.1	7.0	
28	5.1	5.8	3.4	
29				
30				
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	238.1	229.7	144.6	
Daily Means	8.5	8.2	5.2	
Types of	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH	
Instruments	CAMPBELL	CAMPBELL	CAMPBELL	
	STOKES	STOKES	STOKES	

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

Month: MARCH		Year: 2022		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	.	6.1	.	10.1	
2	.	10.2	.	10.7	
3	.	11.7	.	11.0	
4	.	8.4	.	10.9	
5	.	9.6	.	11.1	
6	.	9.5	.	11.0	
7	.	11.3	.	11.0	
8	.	11.4	.	10.9	
9	.	7.6	.	11.2	
10	.	11.6	.	10.3	
11	.	11.4	.	9.1	
12	.	5.3	.	7.3	
13	.	9.3	.	9.5	
14	.	11.5	.	10.8	
15	.	11.5	.	11.0	
16	.	11.0	.	9.9	
17	.	11.4	.	9.6	
18	.	11.4	.	10.2	
19	.	11.4	.	9.7	
20	.	11.2	.	7.2	
21	.	11.3	.	8.9	
22	.	11.2	.	9.5	
23	.	11.3	.	7.2	
24	.	11.3	.	9.1	
25	.	11.3	.	10.7	
26	.	11.3	.	10.4	
27	.	11.3	.	10.8	
28	.	10.9	.	9.1	
29	.	11.2	.	8.7	
30	.	11.1	.	8.4	
31	.	11.1	.	6.4	
TT Monthly Totals					
Daily Means					
SS Monthly Totals	.	326.1	.	301.7	
Daily Means	.	10.5	.	9.7	
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: 2022		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	9.7	.	.	12.0
2	7.9	.	.	11.4
3	8.3	.	.	12.0
4	12.1	.	.	11.9
5	12.0	.	.	11.9
6	12.3	.	.	10.5
7	6.7	.	.	9.5
8	6.1	.	.	11.9
9	11.5	.	.	11.8
10	9.3	.	.	11.8
11	5.9	.	.	11.7
12	4.8	.	.	11.6
13	5.9	.	.	11.6
14	6.9	.	.	11.6
15	10.1	.	.	11.6
16	7.8	.	.	12.5
17	8.3	.	.	8.0
18	9.0	.	.	4.9
19	8.7	.	.	11.2
20	5.8	.	.	5.8
21	5.3	.	.	9.9
22	5.8	.	.	10.4
23	4.7	.	.	11.5
24	6.7	.	.	11.3
25	7.3	.	.	11.3
26	5.2	.	.	11.3
27	8.1	.	.	12.3
28	9.3	.	.	9.6
29	6.7	.	.	11.2
30	6.9	.	.	11.1
31	5.9	.	.	11.2
TT Monthly Totals				
Daily Means				
SS Monthly Totals	241.0	.	.	336.3
Daily Means	7.8	.	.	10.8
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: 2022		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	2.4	12.8	.	
2	11.0	2.7	11.5	.	
3	10.9	4.3	8.1	.	
4	10.9	5.8	.	.	
5	10.8	5.1	3.1	.	
6	8.6	6.1	9.5	.	
7	7.1	6.4	17.9	.	
8	10.2	1.9	11.5	.	
9	10.1	4.2	9.5	.	
10	9.8	8.7	11.3	.	
11	9.9	8.6	10.5	.	
12	9.7	3.9	1.9	.	
13	9.6	0.6	7.0	.	
14	9.1	9.9	0.0	.	
15	9.3	6.9	0.0	.	
16	8.9	11.1	2.8	.	
17	7.7	9.0	0.0	.	
18	3.5	4.6	2.7	.	
19	8.6	2.3	17.0	.	
20	4.9	9.4	3.1	.	
21	7.1	4.0	7.3	.	
22	8.7	0.4	17.8	.	
23	8.7	0.9	10.3	.	
24	8.7	3.0	10.3	.	
25	8.7	8.6	10.8	.	
26	8.8	0.4	10.2	.	
27	8.8	2.4	1.4	.	
28	7.4	2.2	8.7	.	
29	8.9	7.7	9.3	.	
30	8.7	2.4	10.4	.	
31	8.8	6.0	10.8	.	
TT Monthly Totals					
Daily Means					
SS Monthly Totals	275.0	151.9	.	.	
Daily Means	8.9	4.9	8.3	.	
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: MARCH		Year: 2022		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	.	.	8.1	.
2	.	.	0.0	.
3	.	.	8.4	6.9
4	.	.	2.0	1.9
5	.	.	8.7	8.9
6	.	.	8.4	4.6
7	.	.	1.5	0.9
8	.	.	4.6	2.2
9	.	.	0.5	1.6
10	.	.	9.1	4.5
11	.	.	11.7	12.2
12	.	.	11.8	10.9
13	.	.	8.2	7.6
14	.	.	10.6	11.2
15	.	.	10.7	11.2
16	.	.	11.4	11.1
17	.	.	5.5	5.0
18	.	.	8.8	7.7
19	.	.	9.7	9.3
20	.	.	5.0	2.2
21	.	.	5.1	2.1
22	.	.	0.0	5.9
23	.	.	8.5	7.6
24	.	.	9.9	9.2
25	.	.	9.8	9.1
26	.	.	10.7	8.4
27	.	.	0.7	0.9
28	.	.	6.2	8.7
29	.	.	3.1	0.2
30	.	.	9.2	9.6
31	.	.	9.9	9.7
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	217.8	.
Daily Means	.	.	7.0	6.6
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: 2022		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	5.0	6.0	4.7	
2	1.9	9.2	8.7	
3	1.6	3.4	4.7	
4	3.7	6.7	6.9	
5	3.8	5.2	2.1	
6	1.5	4.3	5.4	
7	1.1	0.1	7.3	
8	3.3	3.5	2.5	
9	3.8	0.5	0.1	
10	3.8	5.3	0.1	
11	7.7	6.0	9.1	
12	4.2	9.5	6.2	
13	6.0	8.1	1.0	
14	6.8	6.0	1.0	
15	11.3	0.0	0.1	
16	9.8	8.5	1.5	
17	1.0	3.0	2.0	
18	7.8	8.9	8.0	
19	10.9	9.0	5.3	
20	5.6	7.5	8.8	
21	4.2	2.7	4.1	
22	4.2	1.5	4.1	
23	0.7	1.8	0.7	
24	5.0	4.5	4.2	
25	9.9	3.9	8.5	
26	10.5	8.2	0.0	
27	1.1	5.8	0.0	
28	8.8	0.6	5.8	
29	1.1	3.3	0.6	
30	7.3	9.0	0.0	
31	7.1	8.4	0.2	
TT Monthly Totals				
Daily Means				
SS Monthly Totals	160.5	160.4	113.7	
Daily Means	5.2	5.2	3.7	
Types of	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH	
Instruments	CAMPBELL	CAMPBELL	CAMPBELL	
	STOKES	STOKES	STOKES	

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

Month: APRIL		Year: 2022		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	9.0	11.1	.	9.3	
2	9.2	11.0	.	10.3	
3	6.5	11.0	.	10.1	
4	9.5	11.0	.	9.9	
5	9.6	11.8	.	9.9	
6	4.7	8.3	.	6.4	
7	9.9	6.5	.	8.7	
8	0.0	11.4	.	9.2	
9	8.1	10.9	.	8.1	
10	6.2	8.3	.	6.6	
11	5.0	6.6	.	6.7	
12	5.7	9.0	.	6.8	
13	6.6	8.6	.	10.3	
14	7.1	10.8	.	10.1	
15	4.9	9.8	.	4.8	
16	0.0	10.8	.	10.3	
17	6.5	10.8	.	10.1	
18	6.8	10.8	.	10.2	
19	8.0	10.8	.	9.9	
20	11.0	10.7	.	10.3	
21	11.0	10.7	.	10.4	
22	10.9	10.6	.	9.0	
23	7.3	10.7	.	3.8	
24	7.5	10.7	.	6.0	
25	0.0	10.5	.	7.7	
26	9.3	9.4	.	8.7	
27	9.8	9.2	.	7.4	
28	9.6	10.1	.	0.1	
29	2.9	1.8	.	4.9	
30	10.9	8.4	.	4.9	
31					
TT Monthly Totals					
Daily Means					
SS Monthly Totals	213.5	292.1	.	240.9	
Daily Means	7.1	9.7	.	8.0	
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: APRIL		Year: 2022		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	4.2	.	.	11.1
2	7.9	.	.	11.1
3	7.3	.	.	11.1
4	8.9	.	.	10.9
5	7.7	.	.	11.0
6	8.3	.	.	10.9
7	7.2	.	.	10.9
8	6.5	.	.	10.9
9	3.7	.	.	10.8
10	1.6	.	.	9.2
11	3.0	.	.	10.7
12	3.3	.	.	10.8
13	5.8	.	.	7.5
14	6.5	.	.	10.6
15	5.4	.	.	10.6
16	7.2	.	.	5.0
17	8.0	.	.	9.0
18	6.6	.	.	10.4
19	4.3	.	.	10.1
20	8.3	.	.	7.8
21	9.4	.	.	10.4
22	7.4	.	.	1.3
23	7.2	.	.	6.4
24	0.0	.	.	10.2
25	4.0	.	.	10.2
26	8.4	.	.	9.7
27	.	.	.	3.9
28	9.1	.	.	1.1
29	7.2	.	.	8.3
30	4.0	.	.	10.1
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	.	272.0
Daily Means	6.2	.	.	9.1
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: APRIL		Year: 2022		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	8.6	6.5	10.3	.
2	8.4	4.0	8.9	.
3	8.6	5.3	0.3	.
4	8.5	3.0	9.1	.
5	8.5	4.1	9.9	.
6	8.5	4.2	16.9	.
7	8.5	1.5	3.2	.
8	8.5	2.0	7.1	.
9	8.4	6.8	0.9	.
10	7.3	5.7	9.9	.
11	8.2	5.2	7.0	.
12	8.4	0.1	16.8	.
13	4.4	2.6	6.2	.
14	8.1	8.0	9.7	.
15	8.2	2.2	0.7	.
16	3.4	1.7	0.0	.
17	8.0	0.7	8.2	.
18	8.2	4.9	0.0	.
19	7.6	7.4	0.0	.
20	5.8	4.0	0.0	.
21	7.1	3.6	0.0	.
22	0.8	3.7	1.0	.
23	5.2	4.9	6.1	.
24	8.2	3.0	0.0	.
25	8.1	4.4	3.2	.
26	8.0	2.7	2.9	.
27	1.4	6.6	0.4	.
28	0.2	5.2	7.4	.
29	7.5	4.9	8.6	.
30	8.1	5.3	8.4	.
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	208.7	124.2	163.1	.
Daily Means	7.0	4.1	5.4	.
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: APRIL		Year: 2022		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	.	.	9.3	10.0
2	.	.	9.8	11.0
3	.	.	0.0	0.3
4	.	.	8.4	6.3
5	.	.	8.8	5.6
6	.	.	5.2	0.4
7	.	.	4.0	0.5
8	.	.	2.3	3.2
9	.	.	0.0	1.4
10	.	.	3.7	1.7
11	.	.	3.1	2.8
12	.	.	0.0	0.0
13	.	.	8.6	.
14	.	.	9.6	8.5
15	.	.	9.3	.
16	.	.	0.0	0.0
17	.	.	9.6	7.8
18	.	.	9.6	3.7
19	.	.	3.3	2.9
20	.	.	0.5	0.0
21	.	.	5.8	4.2
22	.	.	0.0	0.0
23	.	.	0.0	0.0
24	.	.	5.9	3.8
25	.	.	0.0	1.3
26	.	.	0.0	0.0
27	.	.	3.7	4.8
28	.	.	5.0	7.2
29	.	.	6.7	4.0
30	.	.	8.2	7.0
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	140.4	.
Daily Means	.	.	4.7	3.5
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: APRIL		Year: 2022		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	9.4	6.6	5.7	
2	10.0	8.4	0.0	
3	2.5	2.8	3.3	
4	4.4	3.1	7.3	
5	0.1	2.3	7.3	
6	0.0	2.3	9.0	
7	0.4	0.0	8.7	
8	0.4	4.4	9.2	
9	6.2	5.0	5.4	
10	0.9	3.4	3.1	
11	7.9	4.7	2.4	
12	0.3	3.5	5.8	
13	6.1	2.2	7.1	
14	9.0	6.4	7.6	
15	7.7	7.0	7.5	
16	1.9	4.2	1.3	
17	9.2	7.3	2.1	
18	3.2	2.7	0.0	
19	1.9	5.3	1.3	
20	0.2	3.7	4.6	
21	5.4	2.3	2.3	
22	2.7	0.5	1.2	
23	0.7	0.0	1.2	
24	0.0	1.2	0.0	
25	0.0	0.2	0.0	
26	0.0	0.0	1.4	
27	2.2	0.8	5.0	
28	5.4	3.2	7.7	
29	7.1	4.1	0.0	
30	9.6	5.3	3.3	
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	114.8	102.9	120.8	
Daily Means	3.8	3.4	4.0	
Types of	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH	
Instruments	CAMPBELL	CAMPBELL	CAMPBELL	
	STOKES	STOKES	STOKES	

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

Month: MAY		Year: 2022		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	.	10.4	.	7.7	
2	5.4	10.5	.	6.1	
3	6.4	10.5	.	9.5	
4	8.2	10.6	.	8.0	
5	10.8	8.3	.	7.5	
6	9.0	10.3	.	10.1	
7	4.6	6.7	.	5.9	
8	3.1	2.6	.	0.8	
9	10.8	10.3	.	10.2	
10	9.6	10.2	.	8.2	
11	4.4	8.3	.	7.5	
12	5.6	6.6	.	8.6	
13	7.1	10.0	.	7.7	
14	7.2	10.1	.	8.7	
15	5.4	8.4	.	5.7	
16	4.4	7.6	.	6.9	
17	0.0	8.4	.	8.4	
18	7.6	10.2	.	7.0	
19	4.6	6.0	.	6.0	
20	10.2	10.3	.	9.6	
21	.	9.0	.	7.9	
22	5.3	9.7	.	4.9	
23	4.4	7.2	.	3.4	
24	0.0	0.8	.	5.2	
25	2.9	6.8	.	7.0	
26	5.7	7.3	.	7.7	
27	4.9	7.3	.	7.7	
28	4.5	7.8	.	5.4	
29	2.7	4.7	.	5.9	
30	7.8	8.2	.	6.1	
31	5.2	5.4	.	7.2	
TT Monthly Totals					
Daily Means					
SS Monthly Totals	.	250.5	.	218.5	
Daily Means	5.8	8.1	.	7.0	
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: MAY		Year: 2022		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	10.3	.	.	10.1
2	5.7	.	.	10.1
3	6.5	.	.	10.0
4	7.5	.	.	9.9
5	.	.	.	9.8
6	6.8	.	.	4.1
7	4.0	.	.	6.9
8	.	.	.	9.8
9	9.8	.	.	0.0
10	10.5	.	.	8.9
11	5.4	.	.	9.4
12	3.0	.	.	2.2
13	3.6	.	.	0.3
14	4.5	.	.	9.4
15	6.3	.	.	3.1
16	6.7	.	.	9.6
17	8.2	.	.	9.6
18	7.8	.	.	9.5
19	4.3	.	.	8.8
20	.	.	.	8.9
21	10.2	.	.	6.2
22	6.4	.	.	7.9
23	8.2	.	.	0.6
24	6.4	.	.	1.4
25	7.7	.	.	3.5
26	.	.	.	9.1
27	4.7	.	.	6.1
28	3.9	.	.	0.0
29	1.4	.	.	0.0
30	7.2	.	.	8.8
31	8.3	.	.	9.2
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	.	203.2
Daily Means	6.5	.	.	6.6
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: MAY		Year: 2022		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	7.6	6.1	8.0	.
2	7.6	4.1	7.9	.
3	7.6	4.2	8.3	.
4	7.9	7.9	8.0	.
5	7.3	0.9	0.0	.
6	2.8	6.0	0.0	.
7	6.7	7.4	3.5	.
8	7.6	5.5	0.0	.
9	0.0	2.5	1.6	.
10	6.8	0.0	6.0	.
11	7.3	5.3	4.1	.
12	1.7	5.9	0.0	.
13	0.0	0.0	0.0	.
14	7.5	4.5	6.9	.
15	2.4	7.4	4.5	.
16	7.4	7.1	6.0	.
17	7.1	7.3	2.1	.
18	7.1	4.6	0.0	.
19	6.5	0.0	2.3	.
20	6.4	0.1	0.4	.
21	5.7	4.6	1.9	.
22	7.3	3.4	5.0	.
23	0.0	0.0	0.0	.
24	1.0	2.1	0.3	.
25	0.5	0.0	2.7	.
26	7.6	2.4	6.1	.
27	1.9	1.0	1.5	.
28	0.0	0.1	0.0	.
29	0.0	3.9	0.0	.
30	6.9	0.8	5.5	.
31	7.3	5.3	6.3	.
TT Monthly Totals				
Daily Means				
SS Monthly Totals	153.5	110.4	98.9	.
Daily Means	5.0	3.6	3.2	.
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: MAY		Year: 2022		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	.	.	5.1	7.2
2	.	.	5.3	4.4
3	.	.	8.0	8.4
4	.	.	6.5	2.7
5	.	.	7.3	1.6
6	.	.	0.8	3.7
7	.	.	5.6	2.9
8	.	.	6.5	3.8
9	.	.	0.0	9.0
10	.	.	0.0	0.2
11	.	.	7.2	4.9
12	.	.	0.2	0.0
13	.	.	0.2	2.0
14	.	.	5.7	0.0
15	.	.	8.3	8.4
16	.	.	8.4	4.6
17	.	.	9.0	.
18	.	.	8.3	5.4
19	.	.	0.0	3.2
20	.	.	1.6	0.7
21	.	.	2.7	1.2
22	.	.	4.6	1.3
23	.	.	0.0	1.1
24	.	.	0.0	0.0
25	.	.	1.3	.
26	.	.	5.7	5.1
27	.	.	8.2	6.7
28	.	.	2.1	5.1
29	.	.	4.7	5.6
30	.	.	7.1	3.4
31	.	.	4.0	5.3
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	134.4	107.9
Daily Means	.	.	4.3	3.7
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: MAY		Year: 2022		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	4.2	0.1	4.4		
2	2.7	1.8	4.4		
3	0.6	5.2	4.0		
4	1.1	0.5	0.0		
5	0.8	1.3	2.8		
6	0.3	4.9	4.3		
7	6.3	1.8	0.0		
8	0.1	0.8	0.0		
9	3.9	2.2	6.6		
10	3.4	1.6	4.4		
11	8.0	4.5	0.0		
12	0.0	1.0	0.0		
13	1.2	0.0	1.8		
14	1.2	0.3	4.7		
15	1.7	3.7	5.0		
16	7.2	2.0	0.5		
17	8.2	2.7	0.0		
18	9.0	2.1	0.0		
19	8.0	1.6	5.0		
20	0.0	0.0	0.1		
21	1.3	1.9	0.0		
22	0.0	0.5	5.6		
23	4.9	1.4	4.4		
24	1.7	0.2	1.8		
25	1.3	2.9	4.7		
26	8.4	2.5	6.6		
27	3.9	3.0	6.5		
28	0.8	2.5	0.8		
29	2.7	2.7	3.7		
30	3.5	2.5	5.6		
31	7.6	0.9	3.1		
TT Monthly Totals					
Daily Means					
SS Monthly Totals	104.0	59.1	90.8		
Daily Means	3.4	1.9	2.9		
Types of	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH		
Instruments	CAMPBELL	CAMPBELL	CAMPBELL		
	STOKES	STOKES	STOKES		

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

Month: JUNE		Year: 2022		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	5.6	2.0	.	0.1	
2	3.3	6.6	.	4.3	
3	5.0	10.1	.	9.3	
4	7.9	10.1	.	9.0	
5	10.0	5.5	.	7.8	
6	4.2	1.3	.	4.9	
7	9.0	0.9	.	7.7	
8	0.0	0.9	.	2.8	
9	0.0	4.1	.	4.3	
10	9.6	7.8	.	6.6	
11	10.3	8.1	.	7.8	
12	0.0	8.9	.	7.5	
13	7.7	9.4	.	6.6	
14	7.3	6.4	.	7.1	
15	4.2	1.3	.	4.9	
16	0.0	0.0	.	7.1	
17	5.5	5.2	.	8.7	
18	10.4	10.2	.	9.2	
19	4.6	1.0	.	5.3	
20	0.0	10.2	.	9.2	
21	2.7	6.5	.	7.1	
22	7.6	10.2	.	8.2	
23	6.8	8.3	.	8.6	
24	5.0	8.8	.	9.1	
25	7.2	9.0	.	7.6	
26	1.7	6.0	.	5.5	
27	7.2	9.0	.	0.0	
28	7.5	6.7	.	0.0	
29	9.7	9.5	.	8.4	
30	2.4	0.0	.	7.7	
31					
TT Monthly Totals					
Daily Means					
SS Monthly Totals	162.4	184.0	.	192.4	
Daily Means	5.4	6.1	.	6.4	
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: JUNE		Year: 2022		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	0.9	.	.	9.2
2	3.9	.	.	8.8
3	10.2	.	.	4.0
4	10.2	.	.	0.0
5	10.1	.	.	1.0
6	8.3	.	.	3.5
7	.	.	.	9.2
8	0.0	.	.	8.7
9	.	.	.	8.1
10	8.4	.	.	3.7
11	5.3	.	.	9.1
12	4.3	.	.	9.1
13	.	.	.	6.2
14	4.2	.	.	5.6
15	3.0	.	.	3.5
16	0.2	.	.	8.1
17	9.1	.	.	6.2
18	9.7	.	.	8.9
19	2.1	.	.	7.7
20	.	.	.	1.3
21	.	.	.	0.7
22	7.0	.	.	2.6
23	4.8	.	.	2.6
24	10.0	.	.	1.4
25	8.6	.	.	1.3
26	0.0	.	.	7.8
27	0.0	.	.	3.2
28	5.3	.	.	5.6
29	10.2	.	.	10.0
30	9.5	.	.	8.5
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	.	165.6
Daily Means	.	.	.	5.5
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: JUNE		Year: 2022		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	6.9	4.2	6.4	.
2	7.0	4.3	6.2	.
3	1.0	2.4	1.4	.
4	0.0	2.5	0.0	.
5	0.1	0.7	0.0	.
6	3.6	0.4	6.1	.
7	7.1	5.9	6.1	.
8	6.7	3.7	5.4	.
9	5.2	0.3	0.0	.
10	5.6	0.4	6.0	.
11	6.4	6.7	6.0	.
12	7.1	0.3	0.0	.
13	5.9	0.7	0.0	.
14	2.9	2.3	0.0	.
15	2.6	4.3	1.8	.
16	6.1	4.7	5.7	.
17	1.0	5.8	5.7	.
18	6.8	0.9	5.9	.
19	4.5	1.9	3.7	.
20	0.0	1.0	0.0	.
21	0.2	5.0	0.0	.
22	0.4	5.0	0.6	.
23	1.5	3.2	1.9	.
24	0.2	0.0	0.0	.
25	0.0	2.4	1.3	.
26	4.7	0.0	3.6	.
27	2.5	1.3	4.5	.
28	3.9	5.6	1.7	.
29	7.8	1.2	5.1	.
30	5.7	4.7	5.8	.
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	113.4	81.8	90.9	.
Daily Means	3.8	2.7	3.0	.
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: JUNE		Year: 2022		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	.	.	1.2	4.9
2	.	.	4.8	0.5
3	.	.	5.4	3.3
4	.	.	0.0	.
5	.	.	0.0	0.0
6	.	.	0.0	0.0
7	.	.	0.0	0.0
8	.	.	0.0	0.5
9	.	.	1.6	0.5
10	.	.	3.8	1.8
11	.	.	7.6	0.0
12	.	.	6.0	1.9
13	.	.	0.0	3.9
14	.	.	0.0	0.0
15	.	.	0.0	.
16	.	.	0.0	2.4
17	.	.	0.5	1.5
18	.	.	1.2	0.0
19	.	.	0.8	0.0
20	.	.	0.0	0.0
21	.	.	0.0	.
22	.	.	1.4	7.0
23	.	.	0.0	1.8
24	.	.	0.0	.
25	.	.	0.0	0.0
26	.	.	7.9	8.1
27	.	.	1.9	2.7
28	.	.	0.0	0.0
29	.	.	0.0	.
30	.	.	2.3	1.3
31				
TT Monthly Totals				
Daily Means				
SS Monthly Totals	.	.	46.4	.
Daily Means	.	.	1.5	1.7
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: JUNE		Year: 2022		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	0.0	6.7		
2	4.3	0.2	3.1		
3	5.5	0.0	5.8		
4	0.0	0.0	0.6		
5	1.4	3.0	4.4		
6	0.0	0.3	0.0		
7	0.0	2.3	0.0		
8	1.4	1.3	2.8		
9	0.7	0.0	0.0		
10	0.0	2.3	5.7		
11	8.3	1.1	0.5		
12	7.0	0.0	0.2		
13	7.0	0.0	4.5		
14	0.0	1.4	3.2		
15	0.5	0.6	6.0		
16	2.9	2.4	0.0		
17	0.0	0.0	4.3		
18	1.9	0.6	4.3		
19	0.0	1.2	6.2		
20	0.1	1.9	3.5		
21	4.2	2.0	5.4		
22	4.2	0.2	6.0		
23	8.1	0.0	1.7		
24	8.4	0.0	5.6		
25	8.6	1.0	3.9		
26	14.4	0.4	0.9		
27	8.5	1.2	2.1		
28	0.0	0.6	5.9		
29	0.0	0.4	1.2		
30	1.5	1.5	2.0		
31					
TT Monthly Totals					
Daily Means					
SS Monthly Totals	107.6	25.9	96.5		
Daily Means	3.6	0.9	3.2		
Types of	HELIOGRAPH	HELIOGRAPH	HELIOGRAPH		
Instruments	CAMPBELL	CAMPBELL	CAMPBELL		
	STOKES	STOKES	STOKES		