



Supplement of

The AntAWS dataset: a compilation of Antarctic automatic weather station observations

Yetang Wang et al.

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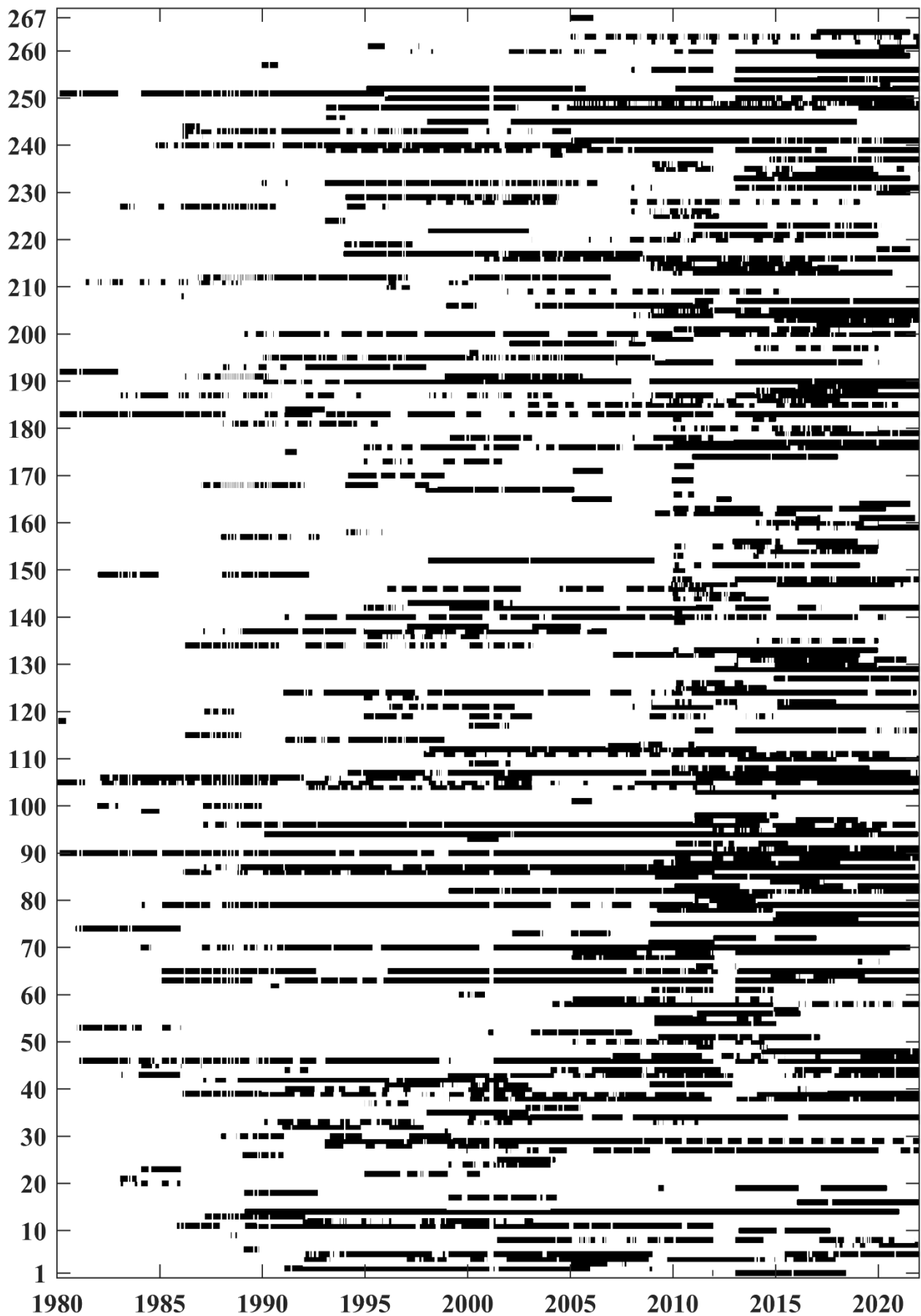


Fig.S1. Daily data availability of air pressure. The missing value has no colour, and 1-267 corresponds to NO. in supplement Table S1.

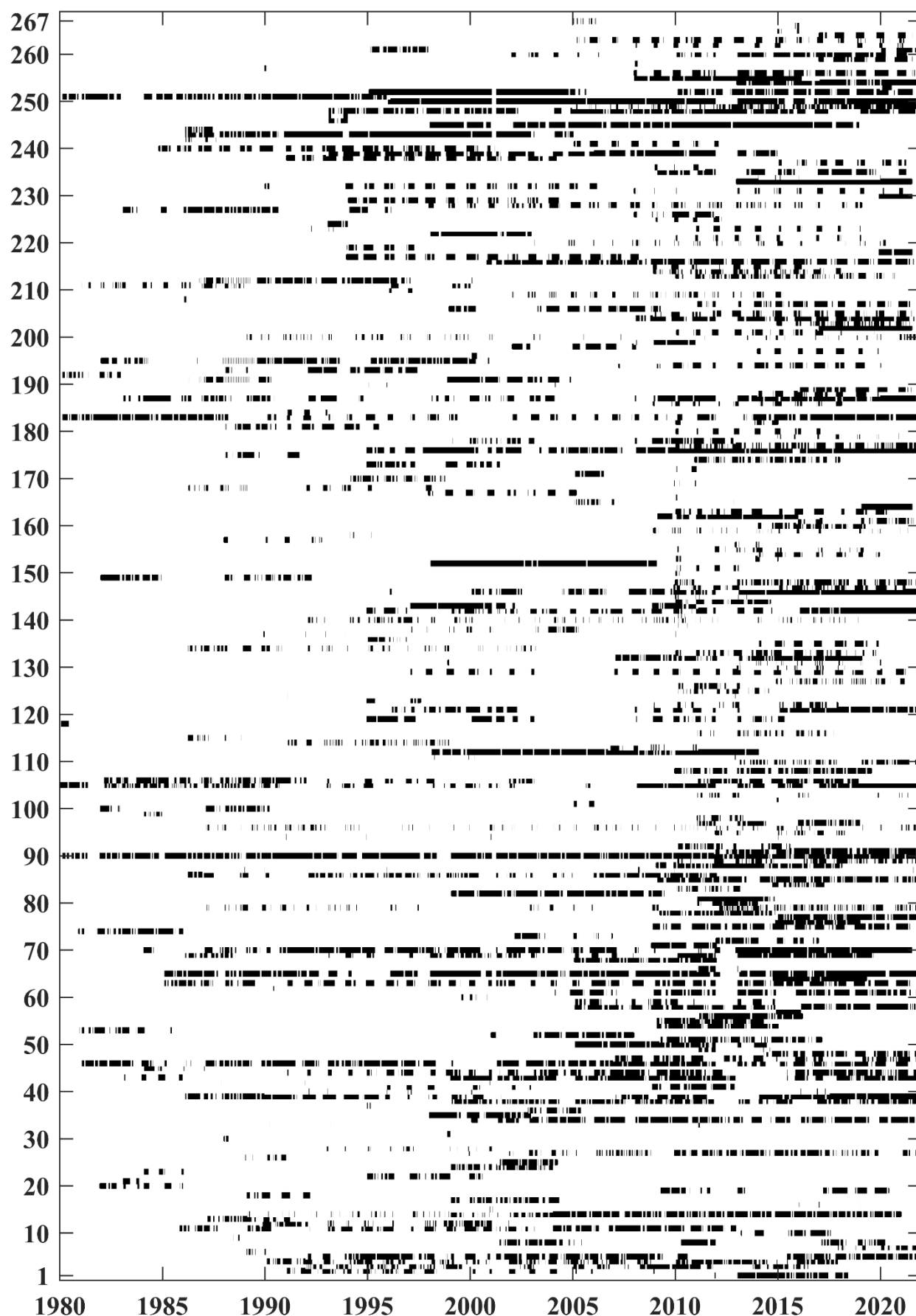


Fig.S2. Daily data availability of Scalar wind speed. The missing value has no colour, and 1-267 corresponds to NO. in supplement Table S1.

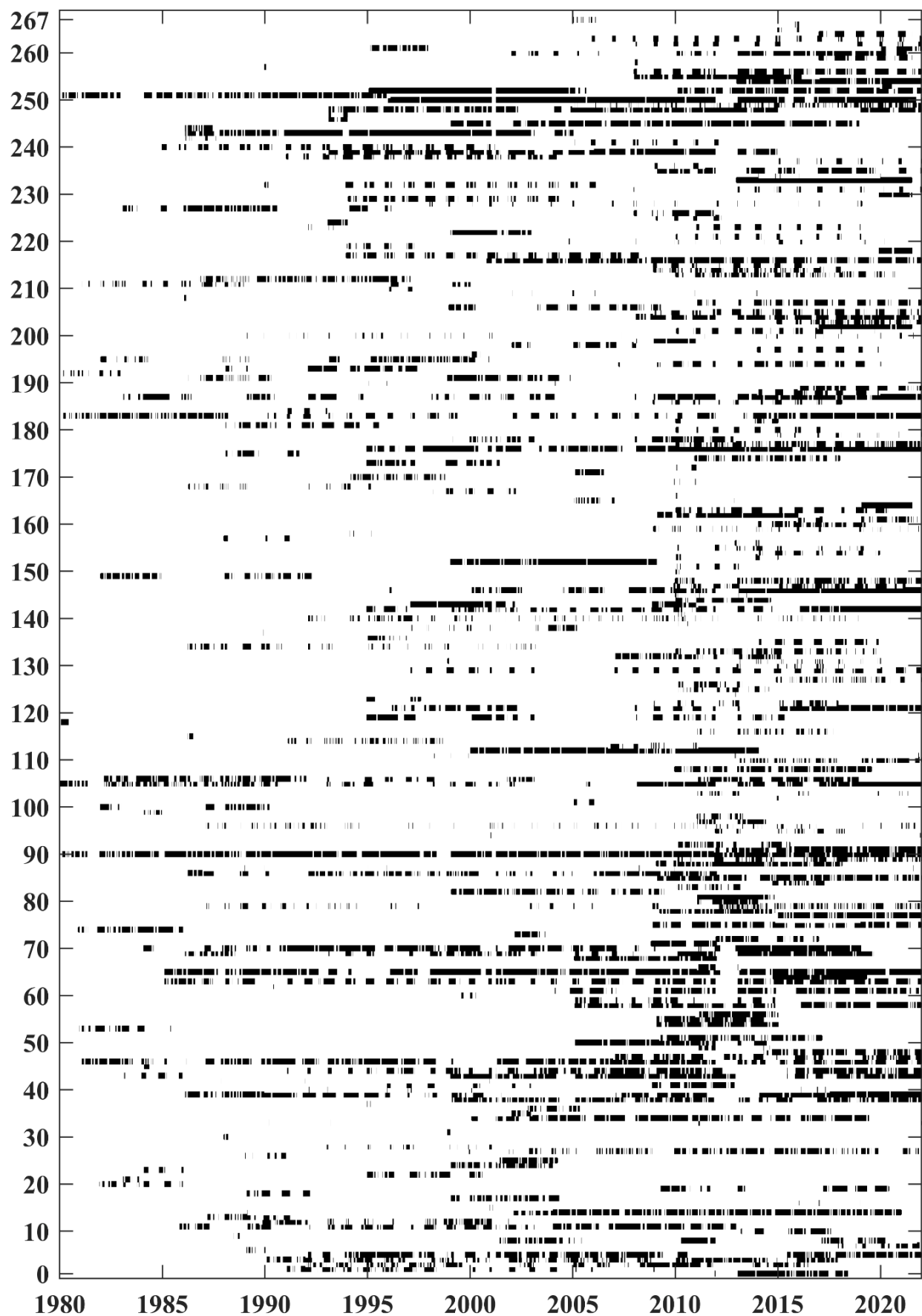


Fig.S3 Daily data availability of Vector wind direction. The missing value has no colour, and 1-267 corresponds to NO. in supplement Table S1.

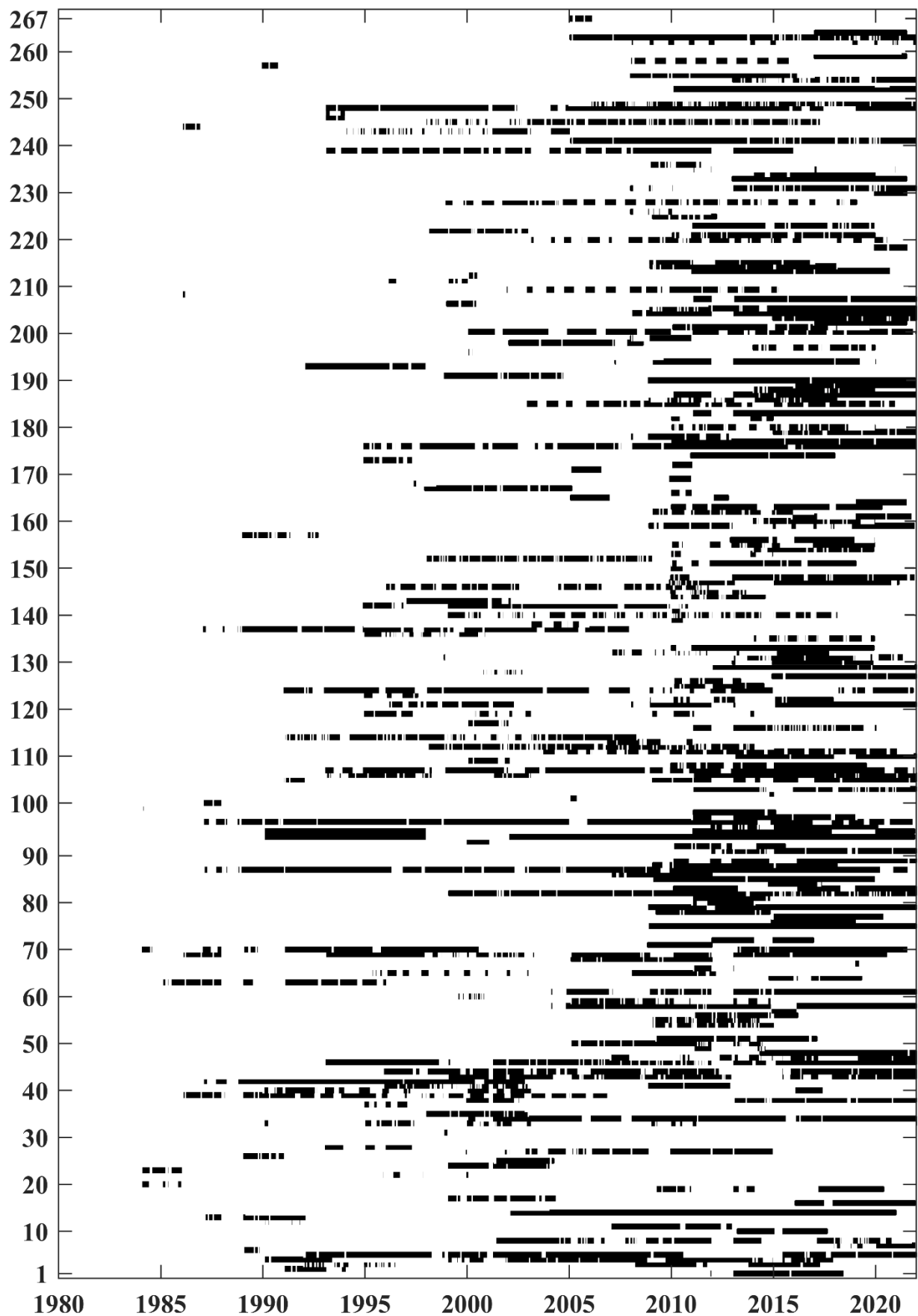


Fig.S4. Daily data availability of relative humidity. The missing value has no colour, and 1-267 corresponds to NO. in supplement Table S1.

Table S1. Main characteristics of automatic weather station.

No.	Station	Lat(°C)	Lon(°C)	Elevation(m)	Institution
1	Cape Hallett	-72.32	170.23	1	AMRC
2	Pegasus South	-77.99	166.56	5	AMRC
3	Bonaparte Point	-64.78	-64.07	8	AMRC
4	Pegasus North	-77.95	166.5	8	AMRC
5	Willie Field	-77.87	166.92	9	AMRC
6	Pegasus	-78	166.64	10	AMRC
7	Phoenix	-77.95	166.76	10	AMRC
8	Dismal Island	-68.09	-68.83	12	AMRC
9	Rothera	-67.57	-68.13	15	AMRC
10	Spring Point	-64.29	-61.05	15	POLENET
11	Larsen Ice Shelf	-67.01	-61.55	17	AMRC
12	Racer Rock	-64.07	-61.61	17	AMRC
13	Martha II	-78.38	-173.42	18	AMRC
14	Zhongshan	-69.37	76.38	18	CHINARE
15	Jennica	-74.69	164.12	20	PNRA
16	Virginia	-74.95	163.69	20	PNRA
17	Cape Spencer	-77.97	167.53	23	AMRC
18	Cape Adams	-75.01	-62.53	25	AMRC
19	Hugo Island	-64.96	-65.67	25	AMRC
20	Laurie	-77.55	170.09	25	AMRC
21	Nancy	-77.91	168.17	25	AMRC
22	Santa Claus Island	-64.96	-65.67	25	AMRC
23	Tiffany	-77.95	166.17	25	AMRC
24	Herbie Alley	-78.1	166.67	30	AMRC
25	Kirkwood Island	-68.34	-69.01	30	AMRC
26	Pat	-74.88	163.1	30	AMRC
27	Penguin	-74.33	165.13	30	PNRA
28	Penguin Point	-67.62	146.18	30	AMRC
29	Possession Island	-71.89	171.21	30	AMRC
30	Scott Island	-67.37	-179.97	30	AMRC
31	White Out	-77.87	168.16	30	AMRC
32	Young Island	-66.23	162.28	30	AMRC
33	Cape Denison	-67.01	142.66	31	AMRC
34	Laurie II	-77.43	170.74	34	AMRC
35	aws04	-72.75	-15.48	35	IMAU
36	B9Berg	-67.24	148.46	35	AAD
37	Cape Webb	-67.94	146.81	37	AMRC
38	Cape Bird	-77.22	166.44	38	AMRC
39	Lettau	-82.48	-174.59	38	AMRC
40	Port Martin	-66.82	141.39	39	AMRC
41	Limbert	-75.91	-59.26	40	AMRC
42	Sofia	-74.82	163.23	40	PNRA
43	Windless Bight	-77.73	167.67	40	AMRC
44	Linda	-78.38	168.46	41	AMRC
45	Martha I	-78.31	-172.5	42	AMRC

46	Ferrell	-77.78	170.82	43	AMRC
47	Lorne	-78.18	170.04	44	AMRC
48	Prospect Point	-66.01	-65.34	44	POLENET
49	Ferrell II	-77.83	170.82	45	AMRC
50	Eric	-81.49	163.96	46	AMRC
51	Vernadsky Station	-65.25	-64.25	46	POLENET
52	AM02	-69.71	72.64	47	AAD
53	Meeley	-78.52	170.18	49	AMRC
54	aws14	-67.02	-61.5	50	IMAU
55	aws15	-67.57	-62.12	50	IMAU
56	aws17	-65.93	-61.85	50	IMAU
57	AWS19	-70.95	26.27	50	IMAU
58	Vito	-78.41	177.83	50	AMRC
59	Carolyn	-79.9	175.95	52	AMRC
60	Eder	-66.96	143.94	52	AAD
61	Emilia	-78.43	173.19	52	AMRC
62	Halley Bay	-75.5	-26.65	52	AMRC
63	Gill	-79.82	-178.54	53	AMRC
64	South Georgia 3	-54.49	-37.04	53	POLENET
65	Schwerdtfeger	-79.82	170.36	54	AMRC
66	Alexander (TT!)	-79	170.76	55	AMRC
67	Gould Knoll	-72.23	-100.59	56	POLENET
68	Mary	-79.31	162.99	58	AMRC
69	Elaine	-83.07	174.24	59	AMRC
70	Marilyn	-79.9	165.77	62	AMRC
71	Fossil Bluff	-71.33	-68.28	63	AMRC
72	Backer Island	-74.43	-102.48	64	POLENET
73	AM01	-69.44	71.42	65	AAD
74	Manning	-78.75	166.85	66	AMRC
75	Margaret	-79.98	-165.1	67	AMRC
76	AWS18	-66.4	-63.37	70	IMAU
77	Emma	-84	-175.05	76	AMRC
78	Duthiers Point	-64.8	-62.82	78	POLENET
79	Manuela	-74.95	163.69	78	AMRC
80	Tom	-84.43	-171.48	79	AMRC
81	Marlene	-83.65	-167.42	83	AMRC
82	AmeryG3	-70.89	69.87	84	AAD
83	Robertson Island	-65.25	-59.44	85	POLENET
84	South Georgia 1	-54.87	-36.04	85	POLENET
85	Sabrina	-84.24	-170.26	87	AMRC
86	Butler Island	-72.21	-60.17	91	AMRC
87	Eneide	-74.7	164.09	91	PNRA
88	Deverall Island	-81.48	161.98	95	POLENET
89	Cape Framnes	-66.01	-60.56	100	POLENET
90	Marble Point	-77.44	163.75	108	AMRC
91	Marble Point II	-77.44	163.76	111	AMRC
92	Foyn Point	-65.24	-61.65	123	POLENET

93	Apfel	-66.34	100.81	150	AAD
94	Arelis	-76.72	162.97	150	PNRA
95	Lepley Nunatak	-73.11	-90.3	159	POLENET
96	Alessandra	-73.59	166.62	160	PNRA
97	Evans Knoll	-74.85	-100.4	178	AMRC
98	Franklin Island	-76.14	168.42	181	POLENET
99	Fogle	-77.9	166.72	200	AMRC
100	Jimmy	-77.87	166.81	200	AMRC
101	Latady	-72.69	-78.03	200	BAS
102	South Georgia 2	-54	-38.05	205	POLENET
103	Thurston Island	-72.53	-97.55	225	AMRC
104	Mount Siple	-73.2	-127.05	230	AMRC
105	D-10	-66.71	139.84	243	AMRC
106	Whitlock	-76.14	168.39	262	AMRC
107	Rita	-74.73	164.03	268	PNRA
108	Fallone Nunataks	-85.31	-143.63	291	POLENET
109	Ranvik	-68.86	78.04	339	AAD
110	King Edwaed Pt	-54.3	-36.51	346	POLENET
111	Maria	-74.63	164.01	355	PNRA
112	aws05	-73.1	-13.17	360	IMAU
113	Mulock	-79.03	160.19	378	AMRC
114	Lanyon	-66.28	110.8	390	AAD
115	Dolleman Island	-70.58	-60.92	396	AMRC
116	Bear Peninsula	-74.55	-111.87	416	AMRC
117	Rumdoodle	-67.72	62.81	430	AAD
118	D-17	-66.73	139.7	438	AMRC
119	Brianna	-83.89	-134.18	520	AMRC
120	Buckle Island	-66.87	163.24	520	AMRC
121	Elizabeth	-82.61	-137.08	523	AMRC
122	Mount Paterson	-78.03	-155.023	538	POLENET
123	J.C.	-85.07	-135.52	549	AMRC
124	Silvia	-73.05	169.6	568	PNRA
125	Flask Glacier	-65.75	-62.88	591	POLENET
126	Leppard Glacier	-65.95	-62.88	612	POLENET
127	Tombstone Hill	-72.45	169.72	620	POLENET
128	BrownGl	-53.09	73.64	640	AAD
129	Siple Dome	-81.65	-148.99	667	AMRC
130	Inman Nunatak	-74.82	-98.88	678	POLENET
131	White Island	-78.08	167.45	686	AMRC
132	aws11	-71.17	-6.8	690	IMAU
133	Wilson Nunatak	-80.04	-80.56	692	POLENET
134	Uranus Glacier	-71.36	-68.8	753	AMRC
135	Rambo Nunatak	-83.87	-66.39	784	POLENET
136	Sutton	-67.08	141.37	871	AMRC
137	Zoraida	-74.16	162.74	880	PNRA
138	aws10	-79.57	-45.78	890	IMAU
139	Bean Peaks	-75.96	-69.3	892	POLENET

140	Minna Bluff	-78.55	166.69	895	AMRC
141	Hutton Mountains	-74.08	-61.73	951	POLENET
142	Harry	-83.01	-121.41	956	AMRC
143	Swithinbank	-81.2	-126.18	959	AMRC
144	Cordiner Peak	-82.86	-53.2	963	POLENET
145	Mount Carbone	-76.32	-144.3	965	POLENET
146	Erin	-84.9	-128.87	988	AMRC
147	Lower Thwaites Glacier	-76.44	-107.77	999	POLENET
148	Clarke Mountains	-77.34	-141.87	1025	POLENET
149	Siple	-75.9	-83.92	1054	AMRC
150	Traverse Mountains	-69.99	-67.55	1064	POLENET
151	Mount Suggs	-75.28	-72.18	1122	POLENET
152	aws06	-74.47	-11.52	1160	IMAU
153	Lyon Nunatak	-74.83	-73.9	1191	POLENET
154	Whichaway_Nunata	-81.58	-28.4	1196	POLENET
155	Haag Nunatak	-77.04	-78.29	1197	POLENET
156	Toney Mountain	-75.8	-114.66	1197	POLENET
157	Shristi	-74.7	161.57	1200	AMRC
158	Recovery Glacier	-80.82	-22.26	1220	AMRC
159	Lucia	-74.95	161.77	1250	PNRA
160	Pirrot Hills	-81.1	-85.14	1263	POLENET
161	Austin	-75.99	-87.48	1292	AMRC
162	aws16	-71.95	23.33	1300	IMAU
163	Up Thwaites Glacier	-77.58	-109.03	1314	POLENET
164	Panda100	-70.22	76.65	1352	CHINARE
165	Jurassic	-74.54	-73.21	1361	BAS
166	Jensen Nunatak	-73.08	-66.1	1374	POLENET
167	DSS	-66.8	112.81	1376	AAD
168	LawDome	-66.73	112.74	1376	AAD
169	Ferrigno	-74.57	-86.91	1385	BAS
170	Ski-Hi	-74.98	-70.77	1395	AMRC
171	Gomez	-74	-70.61	1400	BAS
172	Gomez Nunatak	-73.88	-68.54	1420	POLENET
173	Doug	-82.32	-113.24	1433	AMRC
174	Bennett Nunatak	-84.79	-116.46	1441	POLENET
175	Sushila	-74.41	161.31	1441	AMRC
176	Theresa	-84.6	-115.85	1454	AMRC
177	Howard Nunatak	-77.53	-86.77	1502	POLENET
178	Sky Blu	-74.79	-71.49	1510	AMRC
179	Mount Bruce	-70.6	162.52	1513	POLENET
180	Pecora Escarpment	-85.61	-68.55	1524	POLENET
181	Sandra	-74.49	160.49	1525	AMRC
182	Welch Mountains	-70.73	-63.82	1534	POLENET
183	Byrd	-80.01	-119.44	1539	AMRC
184	AGO Site	-77.52	-23.74	1545	AMRC
185	Sofiab	-75.61	158.59	1552	PNRA
186	Lonewolf Nunatak	-81.34	152.73	1554	POLENET

187	D-47	-67.39	138.73	1560	AMRC
188	Steward Hills	-84.19	-86.25	1582	POLENET
189	Kathie	-78	-97.27	1607	AMRC
190	Lola	-74.14	163.43	1621	PNRA
191	A028	-68.41	112.22	1622	AAD
192	Asgard	-77.6	161.07	1750	AMRC
193	Lynn	-74.21	160.41	1772	AMRC
194	Kominko-Slade	-79.47	-112.11	1801	AMRC
195	LGB00	-68.66	61.11	1830	AAD
196	Noel	-79.33	-111.08	1833	AMRC
197	Mount Walcott	-85.4	-87.39	1849	POLENET
198	LGB69	-70.84	77.07	1854	AAD
199	Mt.Fleming	-77.53	160.28	1868	AMRC
200	Modesta	-74.64	160.65	1924	PNRA
201	Kohler Glacier	-76.15	-120.73	1929	POLENET
202	Panda200	-70.97	77.19	1952	CHINARE
203	Monte Cassino	-72.27	163.73	1954	POLENET
204	Baldrick	-82.77	-13.05	1968	AMRC
205	Butcher Ridge	-79.15	155.89	2030	POLENET
206	MtBrown	-69.13	86	2064	AAD
207	Janet	-77.18	-123.39	2085	AMRC
208	Bowers	-85.2	163.4	2090	AMRC
209	Irene	-71.65	148.66	2094	PNRA
210	AGO-A84	-84.36	-23.86	2103	AMRC
211	D-57	-68.2	137.54	2105	AMRC
212	GF08	-68.49	102.18	2123	AAD
213	Mount Sidley	-77.13	-125.97	2123	POLENET
214	Brimstone Peak	-75.8	158.47	2138	POLENET
215	Westhaven Nunatak	-79.84	154.22	2216	POLENET
216	Mizuho	-70.7	44.29	2260	AMRC
217	LGB35	-76.04	65	2342	AAD
218	Panda300	-72	77.95	2344	CHINARE
219	LGB46	-75.85	71.5	2352	AAD
220	Paola	-72.83	159.19	2370	PNRA
221	Whitmore Mountains	-82.68	-104.39	2374	POLENET
222	aws08	-76	-8.05	2400	IMAU
223	Mount Howe	-87.32	-149.55	2400	AMRC
224	AGO-A81	-81.5	3.74	2410	AMRC
225	Recovery Lakes 2	-81.71	8.58	2473	POLENET
226	E-66	-68.91	134.62	2485	AMRC
227	D-80	-70.04	134.88	2500	AMRC
228	Giulia	-75.54	145.86	2510	PNRA
229	LGB59	-73.45	76.79	2537	AAD
230	Panda400	-72.86	77.38	2572	CHINARE
231	Panda	-73.69	76.97	2584	AAD
232	LGB10	-71.29	59.21	2620	AAD
233	Taishan	-73.86	76.98	2626	CHINARE

234	Bumstead Nunatak	-85.96	174.5	2649	POLENET
235	D-85	-70.43	134.15	2651	AMRC
236	Recovery Lakes 1	-82.81	18.9	2694	POLENET
237	AuroraBN	-71.17	111.37	2714	AAD
238	LGB20	-73.83	55.67	2741	AAD
239	Henry	-89	-0.41	2781	AMRC
240	GC41	-71.6	111.26	2791	AAD
241	Eagle	-76.42	77.02	2825	CHINARE/AAD
242	Allison	-89.88	-60	2835	AMRC
243	Clean Air	-90	0	2835	AMRC
244	Patrick	-89.88	45	2835	AMRC
245	aws09	-75	0	2900	IMAU
246	Lindsay	-89	-89.85	2940	AMRC
247	Kelly	-89	-179.61	2950	AMRC
248	Nico	-89	90.02	2979	AMRC
249	Concordia	-75.1	123.4	3230	PNRA
250	Dome C II	-75.11	123.35	3250	AMRC
251	Dome C	-74.5	123	3280	AMRC
252	Relay Station	-74.02	43.06	3353	AMRC
253	AGO-5	-77.24	123.52	3519	AMRC
254	AGO-4	-82.01	96.76	3597	AMRC
255	aws12	-78.65	35.63	3620	IMAU
256	JASE2007	-75.89	25.83	3661	AMRC
257	Mt.Erebus	-77.53	167.13	3700	AMRC
258	aws13	-82.12	55.03	3730	IMAU
259	Panda1100	-79.01	76.99	3736	CHINARE
260	Dome F	-77.31	39.7	3810	AMRC
261	Dome Fuji	-77.31	39.7	3810	AMRC
262	Panda_South	-82.33	75.99	4027	CHINARE/AMRC
263	Dome_A	-80.37	77.37	4093	CHINARE/AAD
264	Kunlun	-80.43	77.12	4093	CHINARE
265	AWS_A	-75.55	-27.45		BAS
266	AWS_B	-75.58	-26.79		BAS
267	Wormold	-67.47	-68.14		BAS

Table S2. Station list with their 3-hourly mean, max and min values of meteorological elements

NO.	Station	Temperature (°C)			Pressure(hPa)			Wind Speed(m/s)			Relative Humidity (%)		
		mean	max	min	mean	max	min	mean	max	min	mean	max	min
1	Cape Hallett	-17.03	5.8	-41.6	987.83	1022.5	950.6	2.76	29.7	0	68.71	99	19
2	Pegasus South	-21.61	6.5	-52.9	991.73	1034.6	943.7	3.53	33	0	64.99	99.9	0.9
3	Bonaparte Point	-2.32	10.4	-25.2	961.05	1000.2	916.6	4.21	25.1	0	81.49	99.9	25
4	Pegasus North	-20.45	5.9	-53	989.28	1030.9	944.4	3.72	32.8	0	70.89	99.8	12.6
5	Willie Field	-21.08	5.1	-56.9	988.48	1030.3	940.9	3.55	24.8	0	67.63	99.8	8.2
6	Pegasus	-25.17	0.5	-50	988.35	1017.5	957.6	4.45	27.9	0	57.36	91	13
7	Phoenix	-19.65	2.1	-55.8	986	1020.1	948.2	4.21	28.6	0	70.76	95	30
8	Dismal Island	-4.71	7.1	-33.2	984.67	1030.1	923.9	6.52	30.3	0	84.02	99.9	23.8
9	Rothera	-6.55	3.6	-22.3	984.83	1016	954.9	4.41	14.2	0.2			
10	Spring Point	-3.08	7.3	-20.4	986.9	1028	929.9	2.17	16	0	72.62	95.1	18
11	Larsen Ice Shelf	-14.34	11.2	-53.5	985.27	1035.8	928.2	3.96	21.1	0	82.92	98.8	47
12	Racer Rock	-2.17	7.2	-20.6	987.66	1034.7	934	5.9	29.5	0	80.61	99	30
13	Martha II	-26.71	3	-64.8	980.69	1017.7	932.8	4.54	21.1	0	56.25	86	21
14	Zhongsan	-10.2	9.1	-44.9	984.82	1032.4	926.9	6.23	32	0	56.35	99	15
15	Jennica	-13.67	10	-36				4.55	32	1			
16	Virginia	-18.09	3.21	-39.01	979.07	1013.41	939.61	22.04	60	1	56.09	99	25
17	Cape Spencer	-21.92	3.4	-55.6	989.01	1031.7	947.9	3.38	25	0	76.96	99.9	9.5
18	Cape Adams	-23.85	4.3	-49.3	982.27	1021.2	935.4	3.59	29.5	0			
19	Hugo Island	-4.53	4.7	-31.4	985.13	1028.2	924.5	5.96	25.4	0	88	99.9	42
20	Laurie	-18.95	-0.5	-49.9	985.92	1012.2	947.7	6.22	27.3	0	68.88	99	6
21	Nancy	-25.38	-0.1	-54.9	986.31	1025.8	948.9	2.59	22.5	0			
22	Santa Claus Island	-1.96	5.9	-24.2	985.6	1030.9	938.6	5.84	27.7	0.2	85.82	99	29
23	Tiffany	-22.7	4.5	-56.4	985.06	1013.5	948	3.14	18.1	0	53.63	96	1
24	Herbie Alley	-21.02	4.8	-55.6	988.98	1030.2	946.9	3.25	30.6	0	72.61	99.8	11.8
25	Kirkwood Island	-5.94	5.2	-37.1	982.18	1021.8	941.1	6.28	26.6	0.1	81.25	99.5	27.7
26	Pat	-17.49	3.8	-38.8	988.15	1024.6	953.3	11.05	31.8	0	45.66	99	16
27	Penguin	-15.19	7.8	-43.4	986.98	1028	947.4	3.63	44	1	54.05	94	13
28	Penguin Point	-12.58	6.2	-38	977.03	1019.3	934.7	12.22	41.6	0	65.38	99	14
29	Possession Island	-11.3	10.8	-36.2	975.55	1016.7	934.7						
30	Scott Island	-7.34	4.5	-32.2	977.84	1022.9	923.4	5.33	18.7	0			
31	White Out	-6.51	0.6	-13.4	984.03	997.8	967	2.67	15	0.2	64.58	99	12
32	Young Island	-8.09	4.2	-35	979.33	1021.7	928.9						
33	Cape Denison	-10.23	9	-33.8	983.38	1024.4	930.9	20.53	53.9	0	61.96	99.8	12
34	Laurie II	-22.67	3	-56.4	983.59	1025.9	939	6.05	30	0	77.2	99.8	10.9
35	aws04	-18.77	1.88	-51.51	979.38	1018.5	934.6	5.08	26.64	0.1	93.9	99.99	50.79
36	B9Berg	-16.74	6.39	-40	980.92	1020.1	941	11.12	43	0.5			
37	Cape Webb	-10.74	8.2	-36.9	986.74	1022.1	939.7	13.73	33	0	67.55	99	12
38	Cape Bird	-16.17	6.9	-53.6	981.89	1027.3	935.2	3.69	32	0	67.88	99.9	15
39	Lettau	-27.24	4	-63	982.43	1027.2	928	4.4	24.9	0	60.3	98	13
40	Port Martin	-10.53	8.9	-33.8	984.51	1025.1	943.1	15.68	43.9	0	64.05	99	12.6
41	Limbert	-22.84	3.5	-52.4	985.76	1024	938	4.84	23.7	0	81.75	99.6	18
42	Sofia	-18.06	5	-44.3	984.8	1024.4	941.8	7.94	60	0	45.71	97	7
43	Windless Bight	-21.01	5.1	-58.2	985.66	1032.5	941.8	2.54	15.9	0	67.29	99.9	7
44	Linda	-22	4.1	-55.9	983.36	1025.5	936.4	6.54	29.2	0	76.15	99.9	10
45	Martha I	-19.81	3	-59.9	978.94	1008.5	929.4	4.24	19.7	0			
46	Ferrell	-23.6	6.1	-58.1	983.31	1025.5	933.1	5.64	31.2	0	78.37	99.8	2

47	Lorne	-21.7	2.1	-56.9	982.78	1024.6	938.1	5.91	25.9	0	75.88	99.8	19.2
48	Prospect Point	-3.57	8.6	-31.8	985.23	1025.2	927.5	3.53	27.6	0	79.93	95.2	29.8
49	Ferrell II	-24.28	-0.4	-53.8	983.41	1020.6	947.3	6.25	24.3	0	76.48	99	46
50	Eric	-25.78	2.8	-61.4	983.37	1023.3	932.8	3.05	22.4	0	71.2	99.8	9.1
51	Vernadsky Station	-3.04	8.2	-28.5	986.43	1029.5	927.5	4.09	35.7	0.1	82.03	97.7	32.2
52	AM02				982.15	1019.4	936	5.51	21.1	0	68.13	96	6
53	Meeley	-24.52	-0.1	-56.4	983.53	1025	942.9	5.74	24.2	0			
54	aws14	-16.07	4.32	-49.4	985.7	1028.1	932.6	3.81	19.86	0.1	93.66	99.99	36.01
55	aws15	-16.03	5.4	-49.59	985.61	1028.9	932.1	3.86	21.18	0.1	94.76	99.99	58.03
56	aws17	-15.65	11.22	-42.14	986.41	1029.5	946.65	4	22.14	0.1	88.78	99.99	23.7
57	AWS19	-13.81	2.39	-44.61	977.57	1005.85	941.25	9.04	29.41	0.23	84.72	99.98	48.34
58	Vito	-26.28	2.8	-60.5	981.16	1025	930	4.94	22.2	0	74.02	99.9	11.2
59	Carolyn	-25.01	1.5	-66	978.31	1020.2	927.9	4.85	22	0	77.33	99.9	11.9
60	Eder	-13.74	1.96	-31.38	981.47	1022.8	947.6	10.94	29.6	0	66.41	98	28
61	Emilia	-25.54	2.4	-66.8	985.77	1024.2	940.5	5.43	22.8	0	71.26	99.8	8
62	Halley Bay	-21.24	-3.8	-45	983.54	1016.6	955.2	7.54	27.5	0.3			
63	Gill	-28.32	5.5	-65.1	979.78	1024	923.2	4.22	23.9	0	52.43	97	2
64	South Georgia 3	2.13	15	-9.6	996.24	1039.2	952.4	2.86	11.1	0.1	78.4	99.9	17.9
65	Schwerdtfeger	-26.51	2.6	-62.9	980.69	1023	929.5	4.9	21.1	0	72.77	99.5	4
66	Alexander (TT!)	-21.17	-0.5	-53.1	983.2	1020	946	8.12	24.3	0	75.5	98	35
67	Gould Knoll	-4.99	2.3	-23.6	973.49	1002.9	929.9				83.31	99.5	40.4
68	Mary	-21.46	4.1	-58.1	983.67	1025.2	938.8	4.88	23.4	0.1	62.03	93	9
69	Elaine	-23.08	3.5	-62	979.66	1020.3	928.5	4.25	28.2	0	70.39	99.8	1.8
70	Marilyn	-23.51	4.9	-58.2	981.25	1025	928.9	5.68	28.2	0	69.77	99.7	11.5
71	Fossil Bluff	-9.39	6.8	-40.4	977.2	1017.2	917.1	2.94	23.4	0	78.26	99.1	22.1
72	Backer Island	-11.57	2.8	-38.3	973.87	1011.8	929	6.14	30.4	0.1	81.35	98.6	42.4
73	AM01				982.11	1012.4	947.4	7.4	23.9	0			
74	Manning	-22.66	1.7	-54.6	980.91	1024	942.6	4.61	20.8	0			
75	Margaret	-28.86	0.8	-64.7	973.89	1012	921.6	3.47	20.1	0	66.44	99	12
76	AWS18	-13.36	12.31	-44.22	980.21	1018	943	2.98	21.22	0.22	83.16	99.99	31.44
77	Emma	-20.73	4.7	-58.3	975.67	1012.2	927.2	5.55	33.3	0	71.06	98	30
78	Duthiers Point	-2.37	6.9	-21.2	985.15	1026.3	940.6	4.04	24	0.1	76.4	98.1	25.9
79	Manuela	-18.52	7.1	-42.3	979.06	1021.9	933.9	12.85	47.6	0	52.71	99.5	20
80	Tom	-18.17	2	-55.3	978.42	1012.8	936.4	5.88	27.7	0	73.59	99.4	24
81	Marlene	-24.34	0.2	-58.2	976.12	1014.2	935.2	6.14	32.4	0	74.07	96.7	41
82	AmeryG3	-21.81	7.18	-59.28	979.41	1020	932.4	7.66	26.4	0	75.48	98	16
83	Robertson Island	-8.85	13.2	-33.5	983.29	1027	932.4	7.61	29.1	0.1	77.56	98.9	13.6
84	South Georgia 1	1.55	15	-9.9	989.77	1031.1	942.8	3.41	19.6	0.1	73.7	99.4	12.8
85	Sabrina	-21.05	2.9	-58.9	975.48	1015	925.1	6.56	35.4	0	70.12	99.9	30
86	Butler Island	-17.4	10	-41.3	975.18	1020	926.9	4.82	31	0	80.99	99.8	27.5
87	Eneide	-13.81	9.2	-39.2	978.07	1019.5	935	4.84	60	0	47.83	99	5
88	Deverall Island	-17.72	3.3	-50.8	974.2	1014.7	925.5	4.1	18.5	0.1	68.42	97.3	9.5
89	Cape Framnes	-9.79	13.3	-34	976.72	1019.2	926.5	6.15	29.5	0.1	71.85	98.3	22
90	Marble Point	-17.16	8.4	-44.6	975.56	1017.4	929	3.47	26.5	0			
91	Marble Point II	-16.62	5.6	-43.1	973.43	1009.6	929.6	3.86	27.9	0	59.36	95.3	13.6
92	Foyn Point	-11.79	14.3	-36.2	980.02	1021.9	928.2	3.06	19.6	0	74.65	99.4	8
93	Apfel	-9.73	5.8	-31.22	967.16	994.6	935.4				61.94	98	12
94	Arelis	-15.88	7.3	-41.5	969.81	1011.5	924.4	9.33	59	0	60.39	99	14
95	Lepley Nunatak	-11.28	3.4	-37.5	964.43	1003.7	899.4	7.39	31.4	0.1	80.03	99.9	29.9
96	Alessandra	-15.66	7.5	-39.3	969.92	1009.3	926.9	2.72	60	0	56.78	99	5
97	Evans Knoll	-13.29	4.7	-39.2	961.08	1010.7	912.2	5.07	27.2	0	77.2	99.3	19.8

98	Franklin Island	-15.64	3	-36.3	960.15	998	917.4	5.06	21.4	0.1	79.46	96.4	21.1
99	Fogle	-17.5	4.2	-37.4	963.98	989.3	927.4	7.68	24.7	0.2	67.44	99	8
100	Jimmy	-17.94	9.4	-42	962.92	1009.5	924.8	5.37	23.6	0	54.65	89	6
101	Latady	-8.78	-1	-28.8	928.89	970.6	889.7	5.43	22.7	0	92.77	99.9	30.6
102	South Georgia 2	0.49	5	-3.9	972.39	998.1	938.6	7.98	24.9	0.3	89.2	95.3	61.9
103	Thurston Island	-10.95	4.5	-36.4	952.52	1001.9	897.3	6.03	44.5	0	81.75	99.9	19
104	Mount Siple	-9.29	4.8	-42.4	953.91	1002.6	890.2						
105	D-10	-13.35	8.3	-36.8	952.3	997.5	902	8.31	35.1	0	55.53	99.9	1
106	Whitlock	-17.17	5.2	-43.5	953.8	992.5	911.5	4.68	31	0	80.38	99.9	10
107	Rita	-15.31	6.9	-46.4	955.53	996.4	909.6	8.3	60	0	47.37	99	3
108	Fallone Nunataks	-15.77	3.3	-50.8	949.92	986.3	902.8	8.16	31.4	0.1	66.41	98	27.9
109	Ranvik	-12.17	3.82	-30.14	944.07	970.6	903				64.66	98	14
110	King Edwaed Pt	0.61	15	-14.3	957.54	996.6	911.1	3.28	19.9	0	71.22	96.2	11
111	Maria	-15.46	5.2	-39	945.01	983	905	6.5	59	0	58.72	99	15
112	aws05	-16.41	2.66	-42.9	943.16	979.4	894.71	6.57	31.66	0.1	82.33	99.99	16.4
113	Mulock	-20.27	3.1	-45.6	936.33	975.1	894.5	13.7	42.6	0	68.99	99.8	11.8
114	Lanyon	-11.9	5.98	-43.22	934.53	973.9	894.4	12.68	60	0.2	74.86	99	8
115	Dolleman Island	-18.6	5.1	-39.7	942.53	980.1	904	5.74	24.9	0			
116	Bear Peninsula	-13.84	4.6	-40.7	927.31	980.3	874.5	8.16	43.3	0	78.98	99.9	7
117	Rumdoodle	-14.24	3.16	-33.76	936.08	964.8	896.6				53.46	94	14
118	D-17	-13.18	1.6	-35.5	917.79	942.3	886.9	10.3	29.1	0.2			
119	Brianna	-21.93	1.4	-56.5	921.33	960.3	873.5	7.6	25.8	0	69.19	99.2	15
120	Buckle Island	-10.77	2.7	-27.5	923.41	952	881.5	7.06	23.2	0			
121	Elizabeth	-24.86	2.2	-61.8	917.82	957.9	872.7	5.39	20.8	0	74.1	99.8	12
122	Mount Paterson	-17.4	2.4	-42.9	908.35	942.4	869	5.01	31.2	0.1	77.94	97	6.8
123	J.C.	-15.65	1.1	-43	920.89	947.3	876.6	9.42	28.3	0.2	73.07	99	19
124	Silvia	-17.08	7.7	-40.5	921.15	962.2	873.7	10.03	60	0	66.11	99	1
125	Flask Glacier	-11.75	9.2	-39	922.37	959.6	864.2	4.32	34.6	0	73.94	98.7	16.3
126	Leppard Glacier	-11.82	9.1	-34.8	919.11	951.8	865.1	4.62	29.2	0.1	76.58	99.1	22.4
127	Tombstone Hill	-17.45	5.4	-37.3	905.1	933.3	866.4	4.43	39.8	0	65.98	93.8	7.7
128	BrownGl	-1.5	14.88	-12.34				3.26	17.5	0.1	80.18	99	8
129	Siple Dome	-22.7	1.9	-57.1	897.89	930.5	853.4	3.77	26.3	0	73.53	99.9	12
130	Inman Nunatak	-14.07	3.1	-39.7	896.12	931.8	843.6	8.12	33.6	0.1	76.86	97.1	8.7
131	White Island	-18.97	-0.2	-41.1	893.35	921.5	836.8	8.78	57	0	67.64	99.9	0.4
132	aws11	-17.37	-1.06	-41.02	901.88	934.3	860.5	8.44	37.02	0.1	85.56	99.99	10.44
133	Wilson Nunatak	-22.35	0.2	-45.9	905.22	940.9	858.8	10.56	32.4	0.1	71.89	95	33.2
134	Uranus Glacier	-11.23	8.5	-48.1	899.29	952.3	850	5.39	26.5	0			
135	Rambo Nunatak	-23.92	-1.9	-45.8	890.89	922.5	856.9	10.21	31.9	0.1	73.37	93.8	30.3
136	Sutton	-20.37	-0.9	-41.2	879.14	915.5	846.2	14.72	38.4	0.3	75.62	99	18
137	Zoraida	-21.79	3.4	-47.9	910.27	951.3	868.6	23.66	60	0	37.26	95	2
138	aws10	-24.74	-4.01	-49.15	879.59	917.57	849.01	3.74	30.54	0.1	95.34	99.99	16.97
139	Bean Peaks	-21.49	1.1	-39	877.09	897.9	834.3	4.14	31.7	0.1	80	99.9	40.4
140	Minna Bluff	-22.48	3.5	-48.5	876.71	915.8	831.8	6.74	41.7	0	78.25	99.9	10
141	Hutton Mountains	-17.44	0	-34	873.89	893.3	837.2	5.15	24	0.3	77.85	95.1	32.6
142	Harry	-23.17	1.2	-59.6	869.63	907.9	826.6	7.81	28.4	0	79.22	99.7	14
143	Swithinbank	-21.99	1.4	-51	867.5	904.2	824.4	8.08	24.8	0	74.25	99.8	14
144	Cordiner Peak	-22.12	-2.2	-43.3	871.63	906.8	830.3	7.52	26.2	0.1	67.53	94.1	16.4
145	Mount Carbone	-15.14	-0.2	-41.2	859.35	888.7	814.1	7.71	33.4	0.1	78.47	99.7	13.9
146	Erin	-21.29	-0.2	-52.8	874.28	909.9	834.1	11.77	34	0	81.76	99.8	22.8
147	Lower Thwaites Glacier	-21.3	1.2	-54	861.5	902.7	813.7	7.33	31.4	0	79.64	96.4	46
148	Clarke Mountains	-17.45	2.4	-47.9	853.51	888.5	813.2	6.4	44.3	0.1	71.03	99.2	11.7

149	Siple	-24.84	-0.9	-53.4	861.35	896.7	820	5.42	22.1	0			
150	Traverse Mountains	-11.08	1.5	-27.6	859.53	885.4	809.3	7.95	32.2	0.1	81.66	96.2	13.3
151	Mount Suggs	-17.64	3.3	-46.1	853.44	885.6	809.7	5.38	34.3	0	76.44	98	11.3
152	aws06	-20.35	1.24	-45.58	855.13	888.9	818.6	6.63	29.27	0.14	77.35	99.99	18
153	Lyon Nunatak	-17.28	0.1	-43.1	845.41	875.5	797.1	5.28	31.6	0.1	82.49	99.4	25
154	Whichaway Nunata	-26.69	-0.5	-50.7	840.63	865.8	795.7	14.12	37.2	0.4	72.18	89.5	36.8
155	Haag Nunatak	-22.44	-1	-51.1	845.7	874.8	802.8	7.79	33.1	0.1	74.64	94.9	10
156	Toney Mountain	-20.14	2.9	-47.1	839.49	871.9	794.9	12.33	38.2	0.1	78.47	98.3	28
157	Shristi	-30.9	-4.1	-55.1	852.82	884.4	819	8.4	24.9	0.2	43.06	79	8
158	Recovery Glacier	-29.59	-5.4	-60.6	846.64	876	810.3	6.03	21.5	0			
159	Lucia	-25.33	0	-49.45	869.76	896.76	829.29	20.2	60	0	68.83	99	22
160	Pirrot Hills	-23.88	-3.5	-46.5	837.01	867	796.7	9.55	35.5	0.1	64.28	89.5	17.5
161	Austin	-24.71	-1	-52.7	833.66	865.4	796.3	7.81	27.1	0	77.66	98	30
162	aws16	-18.31	0.74	-37.43	827.38	860.5	788.5	4.7	25.03	0.1	55.65	99.99	10
163	Up Thwaites Glacier	-25.52	1.3	-59.7	827.76	867.9	784.1	5.68	39.1	0.1	82.11	96.6	52.3
164	Panda100	-22.08	-3.7	-43.8	826.74	850	799	13.39	29.5	1.1	72.95	93	48
165	Jurassic	-20.78	-2.6	-54.2	830.19	866	787.88	6.93	32.8	0	79.16	97.2	11.09
166	Jensen Nunatak	-13.31	0.6	-29.2	822.82	849.7	774.2	7.82	21.4	0.7	77.84	97.1	17.3
167	DSS	-21.22	-4.18	-45.76	822.71	856.6	790	6.32	26	0	75.94	96	6
168	LawDome	-21.43	-1.9	-48.32	819.97	861.4	779.8	7.81	31.85	0	72.59	84	34
169	Ferrigno	-24.72	-1.6	-39.73	820.43	846.13	780.8	13.59	39.45	0	76.71	94.65	18.81
170	Ski-Hi	-19.32	4.1	-51.6	826.19	858.9	786.6	5.6	35.3	0			
171	Gomez	-16.96	-2.2	-42.55	850	886	806.7	5.94	18.9	0	75.22	97.45	22.7
172	Gomez Nunatak	-16.2	-1.4	-43.5	817.09	845.4	770.7	10.29	25	0.4	79.19	94.9	21.6
173	Doug	-24.34	-5	-56.5	812.05	842.6	778.4	8.35	27.3	0	75.14	98	32
174	Bennett Nunatak	-20.12	-2.2	-52.3	816.52	847.1	778.8	5.79	34.9	0.1	59.15	91.4	7.2
175	Sushila	-37.11	-4.5	-56	794.23	824.4	767.1	8.85	19.6	0.2			
176	Theresa	-22.37	-1.2	-55.2	815.99	849.8	778.6	9.76	33.9	0	74.16	99.8	10
177	Howard Nunatak	-22.82	-1.1	-46.5	811.23	843.8	769.9	5.75	27.2	0.1	74.13	93.5	11.4
178	Sky Blu	-18.88	1.4	-52.3	803.56	844.4	756.5	6.65	41.1	0	78.2	95.8	11.9
179	Mount Bruce	-18.98	0.4	-42	801.61	833.2	766.4	5.46	47.4	0.1	65.69	94	6.9
180	Pecora Escarpment	-30.21	0	-56.8	810.92	841.2	766.8	11.68	31.8	0.2	67.08	86	37
181	Sandra	-33.77	-5.5	-56.8	803.08	834.5	762.2	9.43	26.2	0			
182	Welch Mountains	-15.25	-0.8	-36	810.16	836.9	768.2	4.64	28.8	0.1	74.18	94.1	10.3
183	Byrd	-26.45	1.3	-63.2	807.76	844	762.8	7.1	27.7	0	75.87	99	46
184	AGO Site	-26.42	-2	-50.4	807.74	831.3	772.5	6.29	32.3	0.3			
185	Sofiab	-26.03	-5.1	-55.1	804.05	838.6	764.4	13.07	60	0	64.9	95	17
186	Lonewolf Nunatak	-29.44	-5.3	-54	801.45	834.9	747.5	9.09	32.4	0.1	68.11	92.5	32.9
187	D-47	-24.67	-2.5	-48.6	806.14	842.1	769.6	11.67	29.2	0	73.42	99.9	35
188	Steward Hills	-31.1	0	-53.6	799.79	829.6	759.8	13.32	28.1	0.2	70.86	88.7	38.5
189	Kathie	-27.99	-6.3	-61.5	797.09	828.3	762	5.91	24.8	0	73.06	92	43
190	Lola	-22.53	1.1	-49	796.24	833	744.4	5.95	60	0	47.97	93	3
191	A028	-26.76	-2.4	-59.49	799.56	841	759.1	10.69	25.8	0	68.71	96	20
192	Asgard	-23.84	-2.6	-44.5	801.19	836.3	768.5	3.52	22.5	0			
193	Lynn	-34.98	-7	-62.4	780.92	813.7	744.6	9.27	23.7	0.3	35.9	73	1
194	Kominko-Slade	-28	-2.2	-66.2	778.51	813.6	736.8	6.36	27.9	0	71.03	99.6	8.7
195	LGB00	-29.02	-3.52	-52.38	775.06	818.6	737.7	10.62	30.2	0			
196	Noel	-28.11	-12.1	-52.2	776.52	799.5	749.7	7.97	27.5	0.3	84.37	99	12
197	Mount Walcott	-31.43	-7.3	-57.6	774.85	800	732.1	8.86	25.6	0.1	74.18	90	48.8
198	LGB69	-26.38	-3.74	-48.47	774.94	802.8	738.8	9.28	22.1	0	70.38	94	22
199	Mt.Fleming	-23.61	-3.9	-45	763.97	797.5	727.3	8.73	31.9	0	47.53	93	5

200	Modesta	-37.55	-4.7	-62.7	762.13	799	724.5	12.78	37	0	59.81	95	32
201	Kohler Glacier	-26.36	-2.3	-55.7	766.34	804.8	722.6	6.26	23.1	0.2	80.94	96	39.8
202	Panda200	-26.72	-6	-49	763.36	793	731	10.87	27.2	0.6	71.57	90	44
203	Monte Cassino	-23.04	0	-45.7	756.6	789.4	721.8	5.13	31.1	0.1	63.19	92	6.4
204	Baldrick	-26.32	-7.7	-38.9	760.68	792.2	724.8	8.21	20.8	0	57.11	90.2	28.4
205	Butcher Ridge	-29.36	-5.6	-59.8	751.99	786.8	703.4	6.1	33.8	0.1	65.55	92	15.7
206	MtBrown	-30.06	-7.16	-53.96	754.08	783.8	717.2	9.47	23.1	0	62.41	86	30
207	Janet	-27.36	-2.7	-62	746.34	782.9	709.9	5.94	27.2	0	75.01	95.9	20.7
208	Bowers	-28.37	-11.2	-52.5	752.62	766.6	728.8	6.29	20.9	0	44.91	70	16
209	Irene	-36.72	-4.6	-65.9	756.27	790.9	722.3	10.73	32	0	64.21	99	26
210	AGO-A84	-34.61	-10.2	-59.4	754.54	779.6	726.4	8.54	22.5	0.2			
211	D-57	-29.25	-8.5	-61.1	750.36	783.8	713.9	9.77	34.3	0	63.18	96	13
212	GF08	-31.12	-5.18	-62.16	744.42	781.6	707.4	13.37	32.6	0	63.15	86	44
213	Mount Sidley	-20.34	1.6	-51.8	741.05	776.6	696	4.17	50.7	0.1	59.86	91	6.4
214	Brimstone Peak	-26.05	-6.1	-54.5	740.28	776.6	701	6.85	36.9	0.1	64.28	93.6	6.8
215	Westhaven Nunatak	-31.77	-10.7	-60	733.75	768.9	683.3	6.77	22.9	0.1	77.73	92.7	17.6
216	Mizuho	-30.25	1.9	-54.6	737.76	775.2	698.9	10.33	24.4	0			
217	LGB35	-37.82	-9.66	-62.29	728.88	764.7	690	9.99	23.1	0			
218	Panda300	-30.96	-9.4	-52.5	723.28	748	699	9.26	22.2	0	67.6	86	39
219	LGB46	-37.49	-12.02	-62.73	728.21	761.2	698.1	6.95	17.8	0			
220	Paola	-37.66	-5.8	-65	722.31	755.2	685.7	7.98	32	0	65.12	99	34
221	Whitmore Mountains	-27.36	-6	-58.9	718.83	749	680.5	9.37	32.5	0.2	79.45	96.8	12.4
222	aws08	-38.97	-6.89	-68.66	718.56	748.7	691.1	5.25	24.15	0.13	94.25	99.99	26.97
223	Mount Howe	-36.57	-10.3	-59.9	698.49	730.2	658.6	11.47	34.8	0.3	71.5	86.9	40.9
224	AGO-A81	-42.2	-13.5	-74.3	721.42	743.8	688.9	7.99	14.8	0.5			
225	Recovery Lakes 2	-40.82	-12.5	-60	716.66	745.4	682.9	4.28	18	0.5	72.76	86.8	53.8
226	E-66	-37.48	-10.6	-65.4	714.76	747.6	684.6	8.38	20.5	0	59.8	92.2	12.2
227	D-80	-41.83	-7.1	-71	711.57	747.1	672.2	5.92	21.8	0			
228	Giulia	-43.58	-11.4	-71.5	712.4	744.3	678.7	10.88	36	0	55.66	85	27
229	LGB59	-34.85	-8.68	-59.35	707.83	739.2	669.3	9.76	21.5	0.2			
230	Panda400	-33.35	-10.3	-55.2	709.51	735	687	8.96	18	0	33.93	50	18
231	Panda	-34.89	-9.08	-59.08	700.75	728.6	663.2	8.93	18.8	0	57.51	84	10
232	LGB10	-40.33	-11.47	-62.82	700.07	734.7	659.2	6.41	18.2	0			
233	Taishan	-36.16	-9.2	-60	699.27	728	662	10.32	21.7	0.5	66.7	92	46
234	Bumstead Nunatak	-33.65	-10.1	-59.9	689.63	715	653.4	9.59	27.9	0.8	68.74	86.8	24.4
235	D-85	-41.8	-9.4	-67.4	696.32	726.6	666.6	6.28	20.1	0	46.35	63.8	33
236	Recovery Lakes 1	-42.86	-16.1	-60	706.42	735.3	678.1	5.23	18.5	0.3	70.46	83.7	52.6
237	AuroraBN	-43.56	-7.18	-73.56	693.36	721.4	659.2	5.89	15.2	0.1			
238	LGB20	-43.28	-12.44	-64.32	716.99	740.6	686.2	7.08	18.4	0			
239	Henry	-47.29	-9.4	-75.1	690.02	728.6	651	5.41	17.4	0	44.16	84.2	5.2
240	GC41	-45.5	-7.28	-75.45	689.32	730.1	644.2	5.82	17.5	0			
241	Eagle	-42.92	-11.64	-68.04	682.59	716	643.6	4.53	16	0	53.88	90	20
242	Allison	-51.02	-18	-74.7	688.75	710.8	664	3.78	14.9	0	41.45	67	11
243	Clean Air	-50.87	-14.1	-80.5	681.19	718.2	643.4	4	15.5	0	42.4	95	2
244	Patrick	-50.49	-16.1	-78.6	680.62	706.7	647.3	3.58	14.1	0	38.2	60	12
245	aws09	-43.77	-11.75	-72.47	676.67	706.1	640.15	4.43	24.32	0.1	95.17	99.99	11.74
246	Lindsay	-49.06	-21	-76	681.31	701.9	661.5	3.18	11.3	0	40.1	86	5
247	Kelly	-44.85	-21.6	-71.6				3.39	11.3	0.2	39.4	69	5
248	Nico	-48.87	-11.5	-81	669.3	709.1	635.8	4.2	18.5	0	49.85	90.5	6
249	Concordia	-56.06	-15.1	-83.1	642.22	676.8	603.7	6.51	28	0	45.55	84	19
250	Dome C II	-55.39	-10.6	-82.1	642.27	676.6	603.6	3.19	15.8	0			

251	Dome C	-55.64	-10.8	-82.9	644.32	680.5	608.1	2.94	15.7	0			
252	Relay Station	-50.34	-10.6	-75.5	636.16	671	600.9	7.29	20.6	0	51.18	86.5	23.8
253	AGO-5	-59.94	-24.5	-78.6	654.88	678.9	635.6	2.71	7.6	0			
254	AGO-4	-53.1	-17.7	-79	617.46	646.5	579.9	5.27	14.3	0	51.73	73.2	0.4
255	aws12	-55.05	-14.22	-83.66				4.36	16.75	0.1	91.85	99.99	47.32
256	JASE2007	-53.26	-15	-80.5	608.58	636.5	575.1	4.48	19.5	0			
257	Mt.Erebus	-33.11	-17.9	-50.6	589.25	617.6	562.1	6.18	27.4	0.3	44.3	75	11
258	aws13	-54.88	-19.49	-85.48				4.48	12.3	0.1	92.06	99.99	34.56
259	Panda1100	-48.77	-15.1	-70.2	603.23	633	576	6.49	18.7	0.1	55.08	79	38
260	Dome F	-58.03	-13.6	-82.9	596.64	626.8	561.2	2.94	14.2	0			
261	Dome Fuji	-58.15	-18.5	-82	596.5	624.1	575	2.79	13.1	0			
262	Panda_South	-37.8	-16.4	-61.6	587.53	608.8	563.4	4.1	17	0	41.33	80.3	4.4
263	Dome_A	-54.98	-14.84	-81.5	574.88	601.2	536	2.6	13.2	0	41.66	78	10
264	Kunlun	-54.34	-18.3	-80.6	573.49	602	545	3.69	13.5	0	54.99	81	30
265	AWS_A	-16.58	-0.29	-53.58				8.93	38.73	0			
266	AWS_B	-17.43	-0.12	-54.31				8.57	39.73	0			
267	Wormold	-6.14	4.5	-26.6	949.45	987.6	906.6	4.13	23.6	0	84.85	99.9	22

Table S3. Station list with their daily mean, max and min values of meteorological elements

Daily data															
NO.	Station	Temperature (°C)			Pressure(hPa)			Wind Speed(m/s)			wind direction	Relative Humidity (%)			
		mean	max	min	mean	max	min	mean	max	min	DC mean	mean	max	min	
1	Cape Hallett	-16.12	2.57	-38.05	987.81	1021.59	953.21	3.03	26.4	0.1	0.74	68.69	95.58	33.09	
2	Pegasus South	-21.47	4.85	-51.23	991.74	1032.16	948.67	3.82	29.73	0	0.82	64.38	98	1	
3	Bonaparte Point	-2.21	7.14	-22.49	960.76	998.44	920.03	4.48	19.94	0	0.75	81.77	99.43	25	
4	Pegasus North	-20.47	2.4	-51.37	989.27	1028.86	952.06	4.02	27.76	0	0.8	70.97	99.35	38.6	
5	Willie Field	-21.33	2.65	-55.3	988.48	1028.51	945.02	3.71	21.72	0	0.77	67.62	98	26.25	
6	Pegasus	-25.32	-2.23	-47.61	988.35	1014.62	960.54	4.69	23.2	0.15	0.81	57.38	86.13	14	
7	Phoenix	-19.82	0.87	-51.63	985.82	1017.66	948.85	4.57	27.87	0.26	0.77	70.75	90.81	44.75	
8	Dismal Island	-4.78	4.5	-30.35	984.61	1028.79	937.97	6.88	24.5	0.03	0.83	84.19	99.77	46.64	
9	Rothera	-6.71	1.11	-18.68	984.92	1015	958.38	4.46	11.43	0.9	0.79				
10	Spring Point	-2.89	5.87	-18.84	986.87	1026.92	943.02	2.29	13.2	0.48	0.59	72.61	93.38	36.42	
11	Larsen Ice Shelf	-14.27	9.6	-50.89	985.26	1034.99	931.21	3.92	17.27	0	0.8	82.85	96.2	55.33	
12	Racer Rock	-2.13	4.49	-18.7	987.59	1033.34	936.6	6.14	24.1	0.41	0.77	82.03	99	46	
13	Martha II	-26.89	0.45	-63.04	980.73	1017.01	937.95	4.47	18.83	0.1	0.87	56.22	86	30.13	
14	Zhongshan	-10	6.03	-43.63	984.77	1026.98	932.49	6.61	28.67	0.11	0.86	56.36	94.88	23.63	
15	Jennica	-14.31	9.17	-33.71				4.9	22.5	1	0.73				
16	Virginia	-17.97	-0.12	-38.11	979.07	1012.11	945.6	22.45	59.25	1	0.99	56.08	97.5	32.62	
17	Cape Spencer	-22.26	0.46	-54.46	989	1029.79	952.92	3.61	22.7	0.2	0.65	77.33	99.3	42.79	
18	Cape Adams	-23.2	2.15	-47.97	982.31	1019.64	937.99	3.68	19.65	0.48	0.71				
19	Hugo Island	-4.46	3.68	-27.48	985.14	1026.89	935.43	6.28	23.35	0	0.82	88.21	99.7	52.56	
20	Laurie	-19.02	-2.4	-45.4	985.7	1009.98	950.43	6.52	26.05	0.18	0.88	69.06	97.13	28.71	
21	Nancy	-25.43	-6.05	-48.56	986.27	1024.9	951.64	2.74	13.35	0.1	0.7				
22	Santa Claus Island	-1.94	4.18	-23.65	985.6	1028.5	948.79	6.09	23.6	0.27	0.84	87.25	99	44.38	
23	Tiffany	-22.97	1.56	-54.12	985.05	1010.52	952.31	3.23	15.12	0.07	0.72	53.41	89.62	15.5	
24	Herbie Alley	-21.14	2.7	-52.69	989.02	1029.01	954.36	3.8	28.55	0.2	0.63	72.75	99.3	13.3	
25	Kirkwood Island	-6.08	2.93	-34.45	982.24	1021.36	947.01	6.73	20.78	0.52	0.8	81.39	98	47.7	

26	Pat	-17.27	1.38	-36.49	988.19	1023.2	958	11.62	29.43	0.65	0.93	45.71	95.5	21.5
27	Penguin	-15.32	4.34	-42.17	986.98	1025.86	952.59	3.84	42	1	0.65	53.96	88.75	22.63
28	Penguin Point	-12.46	5.21	-34.21	977.05	1018.01	938.55	12.23	35.33	0	0.95	65.47	97	26.75
29	Possession Island	-11.11	6.6	-34.91	975.53	1013.35	937.4							
30	Scott Island	-7.63	1.91	-31.1	977.85	1016.3	932.46	5.52	17.8	0.78	0.88			
31	White Out	-6.27	0	-12.08	984.03	996.58	968.02	2.75	5.5	1.38	0.67	64.65	80.43	50.12
32	Young Island	-8.3	2.92	-31.72	979.31	1020.2	936.85							
33	Cape Denison	-10.31	5.64	-32.91	983.3	1021.84	939.07	20.37	46.8	0.1	0.96	62.57	99.47	26.22
34	Laurie II	-22.76	1.55	-54.57	983.59	1022.95	942.89	6.35	27	0	0.86	77.3	99.8	38.54
35	aws04	-19.03	0.47	-49.12	979.39	1014.69	946.09	5.23	23.89	0.2		94.06	99.87	71.13
36	B9Berg	-16.56	3.32	-39.98	981.03	1016.42	944.45	11.26	41.25	0.5	0.9			
37	Cape Webb	-10.67	5.08	-35.75	986.62	1019.79	950.99	14.06	31.45	1.68	0.95	67.93	99	36.13
38	Cape Bird	-15.66	4.6	-50.31	981.92	1022.75	942.64	3.99	27.35	0.27	0.7	67.89	99.8	26.69
39	Lettau	-27.02	1.9	-61.4	982.45	1024.6	941.29	4.5	21.96	0	0.85	60.46	94.6	29.25
40	Port Martin	-10.48	5.68	-31.46	984.3	1021.44	948.4	15.47	40.76	0.6	0.95	64.19	99	18.2
41	Limbert	-22.85	0.52	-51.2	985.77	1022.61	944.44	4.89	22.15	0	0.87	82.23	99.35	49.4
42	Sofia	-18.18	4.24	-41.73	984.8	1020.69	945.29	8.08	58	0	0.74	45.73	95.57	14.75
43	Windless Bight	-20.94	4.15	-55.07	985.63	1029.33	947.01	2.53	11.25	0.06	0.63	67.36	99.9	25.25
44	Linda	-22.23	1.12	-55.13	983.37	1022.88	945.24	6.89	27	0	0.83	76.29	99.54	37.24
45	Martha I	-19.77	2.92	-56.61	979.35	1005.45	941.85	4.27	13.73	0	0.87			
46	Ferrell	-23.67	2.75	-56.47	983.32	1022.37	937.56	5.8	25.42	0.05	0.86	78.68	99.8	46.43
47	Lorne	-21.82	0.29	-55.46	982.78	1022.26	943.31	6.08	23.63	0	0.85	76.57	99.8	39.45
48	Prospect Point	-3.56	4.57	-28.76	985.23	1023.79	937.15	3.91	21.1	0.45	0.69	79.93	94.62	47.23
49	Ferrell II	-24.67	-2.8	-53.47	983.41	1020.04	952.58	6.24	20.91	0.3	0.87	76.44	95.9	48.48
50	Eric	-25.19	0.81	-60.09	983.32	1021.51	944.05	3.24	19.8	0.08	0.63	71.49	99.55	36.17
51	Vernadsky Station	-2.91	6.55	-26.86	986.43	1028.1	937.51	4.49	34.15	0.7	0.71	82.04	97.64	41.56
52	AM02				982.1	1018.95	945.17	5.57	18.1	0.4		68.89	96	20
53	Meeley	-24.42	-0.97	-55.55	983.41	1022.71	948.01	5.78	22.65	0.13	0.88			
54	aws14	-16.05	2.92	-46.03	985.7	1023.92	947.18	3.85	15.95	0.14	0.8	94.03	99.91	52.83
55	aws15	-15.97	3.91	-46.07	985.61	1022.48	946.11	3.94	17.42	0.13	0.8	95.06	99.88	68.5
56	aws17	-14.98	8.29	-40.53	986.4	1026.06	949.42	4.16	18.25	0.24	0.75	89.5	99.73	53.92
57	AWS19	-12.93	0.38	-42.65	977.55	1002.78	943.4	9.22	24.38	0.92		84.69	99.09	55.23
58	Vito	-26.32	0.43	-59.76	981.11	1022.16	931.86	5.01	18.1	0	0.89	74.1	99.6	41.69
59	Carolyn	-25.33	-0.23	-64.72	978.27	1016.44	934.06	4.93	19.47	0	0.88	77.66	99.9	32.94
60	Eder	-13.71	0.38	-30.8	981.32	1021.73	951	11.02	26.7	0.65	0.95	65.92	97.6	30
61	Emilia	-25.56	-0.36	-61.16	985.72	1023.39	945.2	5.48	20.1	0.13	0.9	71.18	98.6	37.58
62	Halley Bay	-21.46	-4.45	-41.3	983.65	1015.25	958.86	8.34	24.53	1.15	0.83			
63	Gill	-28.19	1.18	-64.1	979.79	1021.24	931.66	4.22	17.9	0	0.87	52.33	92.63	15.88
64	South Georgia 3	2.36	13.77	-8.65	996.26	1038.39	956.07	2.92	7.2	0.7	0.72	78.46	97.5	47.47
65	Schwerdtfeger	-26.43	0.36	-61.17	980.68	1020.53	939.15	4.96	19.13	0	0.87	72.85	97.01	25.07
66	Alexander (TT!)	-21.48	-1.79	-51.78	983.2	1019	951.25	8.2	22.4	1.15	0.89	75.52	95.62	50.24
67	Gould Knoll	-5.09	0.26	-19.9	973.52	1002.01	936.41					83.32	96.06	57.18
68	Mary	-21.46	1.31	-57.3	983.72	1023.84	945.59	5.06	19.5	0.5	0.81	61.85	91.86	30
69	Elaine	-23.32	1.35	-60.49	979.59	1018.55	939.94	4.4	26.5	0	0.81	70.23	99.8	7.93
70	Marilyn	-23.2	0.65	-56.56	981.26	1022.09	938.95	5.88	23.76	0	0.89	69.73	99.13	30.25
71	Fossil Bluff	-9.05	4.65	-38.29	977.23	1016.14	933.5	3.23	22.2	0.32	0.66	78.24	97.38	43.6
72	Backer Island	-11.39	1.65	-37.51	973.86	1009.94	934.02	6.72	27.17	0.85	0.83	81.35	97.31	53.38
73	AM01				982.22	1009.63	949.48	7.44	20.48	0	0.96			
74	Manning	-23.07	0.38	-51.9	980.91	1021.56	945.96	4.63	18.62	0.1	0.81			
75	Margaret	-28.48	-0.03	-61.99	973.89	1011.33	929.16	3.5	18.62	0	0.82	66.45	96.13	33.25
76	AWS18	-12.9	10.25	-42.31	980.21	1014.88	945.88	3.31	18.6	0.24		83.2	99.76	43.82

77	Emma	-21.06	2.22	-56.37	975.67	1008.48	937.81	5.98	28.55	0.25	0.82	71.07	96.13	39.04
78	Duthiers Point	-2.14	4.96	-20.6	985.11	1025.2	944.22	4.45	18.7	0.95	0.66	76.43	96.58	35.98
79	Manuela	-18.16	3.77	-40.85	979.07	1018.86	938	13.6	43.85	0.07	0.93	52.72	97.38	25.95
80	Tom	-18.75	1.54	-54.28	978.45	1010.46	945.49	6.42	24.9	0.88	0.79	73.52	98.1	43
81	Marlene	-24.52	-1.79	-56.82	976.11	1013.08	943	6.38	31.5	0.36	0.9	74.08	94.54	42.5
82	AmeryG3	-20.94	1.78	-52.01	979.39	1019.4	940.6	7.83	25.27	0.07	0.96	75.27	98	36
83	Robertson Island	-8.69	11	-30.61	983.29	1020.39	946.9	7.97	27.1	0.65	0.8	77.54	98.18	20.85
84	South Georgia 1	1.79	13.58	-8.88	989.71	1028.9	946.9	3.64	13.57	0.68	0.63	73.75	95.04	33.81
85	Sabrina	-21.37	1.4	-57.83	975.48	1010.28	936.34	6.9	34.55	0.05	0.86	70.13	96.92	43.88
86	Butler Island	-16.71	6.14	-39.7	975.15	1017.03	929.4	4.87	24	0.05	0.83	80.96	97.86	33.71
87	Eneide	-13.74	7.98	-38	978.07	1016.21	937.94	5.1	58.5	0	0.68	47.82	99	8.88
88	Deverall Island	-17.95	1.25	-48.56	974.19	1012.65	939.6	4.28	16.08	0.86	0.7	68.43	95.64	33.44
89	Cape Framnes	-9.57	10.53	-31.3	976.72	1015.81	940.16	6.69	25.63	0.4	0.78	71.85	94.93	31.05
90	Marble Point	-16.56	5.1	-41.41	975.54	1015.02	749.46	3.55	23.67	0.1	0.77			
91	Marble Point II	-16.13	3.44	-40.08	973.44	1008.18	937.35	4.03	25.93	0.59	0.73	59.38	93.64	23.51
92	Foyn Point	-10.79	11.38	-33.07	980.03	1015.49	941.75	3.33	18.9	0.49	0.71	74.64	96.47	20.98
93	Apfel	-9.98	2.4	-30.33	967.2	994.4	939.63					61.87	92.8	35
94	Arelis	-15.99	6.55	-39.34	969.83	1010.05	928.61	9.49	58.5	1	0.8	60.44	98.25	19
95	Lepley Nunatak	-11.36	2.65	-34.59	964.38	1001.9	925.07	8.1	23.13	0.9	0.83	80.1	98.7	42.39
96	Alessandra	-15.29	5.94	-37.79	969.93	1007.86	930.1	2.84	58	0	0.64	56.77	99	5
97	Evans Knoll	-13.05	2.18	-36.54	961.07	1008.42	919.02	5.5	23.15	0	0.81	77.2	98.54	28.86
98	Franklin Island	-15.36	1.26	-34.64	960.11	996.38	923	5.4	17.05	0.92	0.7	79.48	95.55	35.8
99	Fogle	-17.64	2.66	-35.6	964	986.11	935.56	7.92	20.45	1.23	0.86	68.44	98.6	26.75
100	Jimmy	-18.13	1.9	-38.75	962.89	1008.64	930.8	5.41	21.03	0.27	0.86	54.62	84.5	22.5
101	Latady	-8.81	-1.83	-25.31	928.88	969.98	894.51	5.81	18.6	0.69	0.83	92.93	99.78	74.74
102	South Georgia 2	0.51	3.5	-3.24	972.38	992.01	951.06	7.93	21.2	1.7	0.8	89.19	95.06	71.8
103	Thurston Island	-10.93	3.17	-33.5	952.51	999.81	908.92	6.63	31.52	0	0.81	82.03	99.85	30.58
104	Mount Siple	-9.51	1.7	-40.49	954.04	999.53	890.9							
105	D-10	-13.11	4.1	-34.01	952.31	993.26	912.91	8.5	33.1	0.14	0.94	55.82	99.85	7.28
106	Whitlock	-16.91	2.93	-42.11	953.81	991.05	915	4.8	25.2	0.05	0.73	80.61	99.9	13
107	Rita	-15.33	5.15	-41.65	955.53	993.5	918.9	8.16	60	0	0.73	47.44	99	9.13
108	Fallone Nunataks	-16.01	2.09	-48.99	949.83	984.26	914.25	8.66	29.45	0.92	0.9	66.49	93.31	36.44
109	Ranvik	-12.09	2.03	-29.38	944.06	970.4	913.5					64.62	94.33	37.67
110	King Edwaed Pt	0.92	13.95	-11.99	957.54	995.36	917.74	3.65	17.73	0.33	0.68	71.22	95.79	19.49
111	Maria	-15.53	3.28	-37.2	944.93	980.15	906.74	6.71	53	0.8	0.77	58.67	99	21.43
112	aws05	-16.26	1.42	-40.38	943.15	975.88	909.56	6.76	29.09	0.54	0.87	82.96	99.98	35.7
113	Mulock	-19.69	0.39	-43.06	936.27	972.78	902.5	14.27	40.6	0	0.93	69.24	98.47	39.71
114	Lanyon	-12.03	1.57	-39.82	934.37	972.52	896.85	13.48	58.25	0.5	0.87	75.23	98.75	13.6
115	Dolleman Island	-18.24	2.41	-37.99	942.54	979	909.38	5.69	21.97	0	0.75			
116	Bear Peninsula	-13.67	2.8	-39.01	927.02	977.7	880.38	9.13	38.8	0.07	0.85	79.23	99.3	10.2
117	Rumdoodle	-14.48	-0.31	-30.94	935.96	962.4	904.5					53.28	91.5	19
118	D-17	-13.03	-2.42	-32.76	917.78	940.21	888.21	10.51	24.14	2.48	0.97			
119	Brianna	-21.94	-1.3	-55.29	921.28	956.75	880.31	7.73	21.06	0	0.95	69.1	97.84	30.99
120	Buckle Island	-10.81	0.65	-25.7	923.49	950.46	888.59	7.39	19.32	0.53	0.89			
121	Elizabeth	-24.55	0.46	-59.88	917.88	957.18	878.6	5.45	16.43	0	0.92	74.11	98.41	44.31
122	Mount Paterson	-17.2	0.14	-40.23	908.21	940.04	871.38	5.62	28.7	0.7	0.73	77.98	94.13	22.84
123	J.C.	-15.77	-0.64	-39.95	920.83	943.81	885.95	9.65	26.28	0.83	0.95	73.14	96	42.5
124	Silvia	-17.02	4.95	-39.78	921.14	958.14	880.91	10.4	60	0	0.78	66.21	99	10.63
125	Flask Glacier	-11.73	7.42	-34.25	922.42	958.4	883.58	4.98	29.8	0.23	0.67	73.93	95.06	19.39
126	Leppard Glacier	-11.62	6.64	-31.8	919.2	951.75	881.52	5.04	17.7	0.74	0.73	76.5	98.31	40.29
127	Tombstone Hill	-16.86	1.45	-35.55	905.06	932.66	872.2	5.34	37.03	0.56	0.69	66.02	91.6	18.14

128	BrownGl	-1.33	12.28	-10.5				3.29	9.17	1.07		80.06	98	23
129	Siple Dome	-22.62	-1.15	-53.96	897.89	928.69	857.93	3.82	18.8	0	0.83	73.64	99.88	21
130	Inman Nunatak	-14.17	1.59	-38.7	896.11	930.82	853.58	8.68	32.73	0.5	0.89	76.87	95.44	12.06
131	White Island	-18.89	-1.76	-38.1	893.27	919.51	846.73	9.74	46.25	0.03	0.86	67.81	99.9	21.79
132	aws11	-17.28	-2.62	-39.74	901.93	932.91	867.38	8.68	32.83	0.11	0.87	86.78	99.96	20.74
133	Wilson Nunatak	-22.28	-2.4	-42.14	905.16	939.72	864.07	10.93	25.4	1.1	0.94	71.93	92.76	41.81
134	Uranus Glacier	-11.06	4.77	-39.65	899.27	951.22	853.82	5.45	23.23	0	0.86			
135	Rambo Nunatak	-24.12	-3.57	-45.7	890.79	918.58	864.33	10.49	30.7	1.37	0.93	73.21	92.39	40.41
136	Sutton	-20.06	-4.62	-40.76	879.1	913.94	849.34	14.94	31.5	3.63	0.99	75.73	96.75	43.5
137	Zoraida	-21.75	0.03	-46.04	910.26	944.82	871.72	23.9	60	0	0.89	37.37	93.13	2.63
138	aws10	-24.49	-6.03	-47.32	879.59	915.53	851.3	3.86	17.42	0.16	0.87	95.62	99.91	38.2
139	Bean Peaks	-21.32	-2.17	-37.08	876.84	897.21	841.29	5.15	25.17	0.81	0.71	80.03	90.47	48.84
140	Minna Bluff	-22.27	1.7	-47.37	876.7	914.15	836.45	7.28	37.23	0	0.85	78.85	99.83	21.55
141	Hutton Mountains	-17.05	-1.2	-31.16	873.79	890.76	844.22	5.84	20.85	1.18	0.79	77.86	92.44	41.66
142	Harry	-23.2	-0.98	-55.67	869.67	904.58	833.65	7.9	23.11	0	0.96	79.61	99.7	44.75
143	Swithinbank	-21.85	-1.74	-50.33	867.52	903.39	832.35	8.21	21.75	0.36	0.95	74.28	97.17	42.25
144	Cordiner Peak	-22.02	-5.09	-39.75	871.48	903.68	830.43	7.82	22.97	0.55	0.9	67.63	88.6	23.46
145	Mount Carbone	-15.04	-1.56	-39.04	859.04	886.23	821.52	8.54	31.75	0.57	0.82	78.84	99.6	21.24
146	Erin	-21.43	-1.93	-50.14	874.2	908.88	839.05	11.98	30.25	0.88	0.98	82.01	99.8	48.66
147	Lower Thwaites Glacier	-21.42	-0.8	-52.6	861.43	901.79	816.51	7.54	25.97	1.05	0.92	79.67	94	62.64
148	Clarke Mountains	-17.29	0.7	-45.05	853.38	886.41	815.25	7.17	34.83	0.61	0.85	71.08	92.39	17.44
149	Siple	-24.5	-3.39	-49.32	861.36	895.89	824.22	5.45	19.23	0.07	0.9			
150	Traverse Mountains	-11.25	-1.04	-26.33	859.45	885.08	821.69	8.4	30.03	1.95	0.88	81.71	93.88	32.09
151	Mount Suggs	-17.96	-1.01	-43.8	853.38	884.15	819.08	6.32	32.8	0.62	0.69	76.42	93.26	23
152	aws06	-20.44	-0.23	-44.22	855.14	885.99	822.64	6.75	24.61	0.89	0.93	77.98	99.99	30.28
153	Lyon Nunatak	-17.41	-1.66	-39.74	845.28	874.3	809.84	5.92	31.05	1.12	0.73	82.66	98.46	47.15
154	Whichaway_Nunata	-26.85	-2.08	-48.85	840.52	864.38	812.78	14.79	34.86	1.54	0.97	72.13	87.31	41.91
155	Haag Nunatak	-22.28	-4.1	-46.9	845.67	873.91	804.26	8.24	32.8	0.55	0.87	74.65	91.59	16.61
156	Toney Mountain	-20.21	0.4	-45.29	839.4	870.38	800.72	13.01	34.27	0.7	0.89	78.45	98.3	47.59
157	Shristi	-29.8	-8.2	-54.08	852.81	883.25	822.16	8.84	22.57	0.87	0.96	43.06	61.63	26.13
158	Recovery Glacier	-29.37	-7.2	-58.5	846.45	874.15	817.53	5.88	19.5	0.5	0.94			
159	Lucia	-25.13	-4.91	-48.47	869.67	894.88	835.45	20.74	58	0.75	0.96	68.82	97.63	34.25
160	Pirrot Hills	-24.06	-6.03	-45.48	836.79	864.34	801.55	9.8	32.3	0.88	0.86	64.43	87.9	26.29
161	Austin	-24.5	-3.76	-52.04	833.85	864.92	802.64	7.68	22.1	0.3	0.92	77.72	94.47	55.48
162	aws16	-18	-2.35	-35.9	827.39	857.89	791.99	4.89	20.32	0.35	0.85	56.51	99.9	15.1
163	Up Thwaites Glacier	-25.44	-1.9	-56.86	827.75	867.28	786.22	6.01	37.05	0.88	0.87	82.12	93.24	66.65
164	Panda100	-21.82	-5.2	-41.75	826.75	848.75	803.75	13.45	27.82	2.36	0.98	72.95	87.12	52.5
165	Jurassic	-21.17	-2.63	-52.53	830.2	865.6	795.47	7.34	26.18	0.45	0.91	79.17	94.48	37.01
166	Jensen Nunatak	-13.46	-1.49	-28.15	822.82	849.08	788.96	7.97	18.72	2.88	0.93	77.54	93.64	18.85
167	DSS	-21.24	-5.85	-44.26	822.72	852.87	793.13	6.48	23.2	0	0.93	75.97	95	18
168	LawDome	-21.41	-5.27	-46.8	819.99	860.17	783.46	7.87	29.29	0.05	0.94	72.93	83.2	50.57
169	Ferrigno	-24.72	-6.78	-39.73	820.44	845.51	784.62	14.22	36.07	0.15	0.96	76.73	93.47	41.48
170	Ski-Hi	-19.67	-0.2	-49.28	826.23	858.21	792.54	6.11	32.1	0.4	0.84			
171	Gomez	-17.24	-4.01	-40.66	850.01	885.4	810.06	6.02	17.22	0.72	0.91	75.24	95.71	33.91
172	Gomez Nunatak	-16.49	-3.72	-39	816.98	843.35	783.81	10.48	22.45	1.94	0.92	79.19	93.45	31.85
173	Doug	-24.42	-6.24	-55.23	812.11	841.5	782.18	8.41	26.9	0.7	0.94	75.14	97.25	49
174	Bennett Nunatak	-20.13	-3.15	-50.21	816.45	846.02	782.38	6.47	29.65	0.62	0.8	59.21	89.31	14.65
175	Sushila	-35.58	-10.3	-55.09	794.21	822.55	768.35	8.79	17.03	1.28	0.96			
176	Theresa	-22.43	-3.05	-53.52	815.97	848.81	781.44	9.92	30.47	0.7	0.97	74.19	98.36	31.9
177	Howard Nunatak	-22.57	-2.84	-43.48	811.2	841.72	773.39	6.36	21.85	0.84	0.86	74.15	92.12	17.41
178	Sky Blu	-19.12	-2.5	-50.43	803.63	843.25	762.6	7.07	34.8	0.2	0.89	78.23	92.85	34.06

179	Mount Bruce	-18.77	-2.64	-40.35	801.56	832.14	767.95	5.88	45.4	0.6	0.75	65.69	90.45	12.62
180	Pecora Escarpment	-30.77	-8.61	-54.27	810.63	839.71	770.94	11.9	26.2	0.1	0.96	67.14	82.71	48.94
181	Sandra	-32.59	-9.61	-55.98	803.05	833.01	764.91	9.64	22.3	1.26	0.97			
182	Welch Mountains	-15.12	-3.05	-33.45	810.02	835.04	777.14	5.45	28.4	0.55	0.71	74.3	92.53	13.07
183	Byrd	-26.64	-1.51	-59.7	807.75	841.21	767.61	7.18	24.2	0	0.95	75.87	93.97	57.14
184	AGO Site	-25.99	-5.85	-48.6	807.74	830.15	775.51	6.68	25.65	0.98	0.95			
185	Sofiab	-26.51	-7.45	-52.33	803.93	836.66	770	12.91	60	0	0.92	64.85	91.25	25.57
186	Lonewolf Nunatak	-29.56	-7.75	-52.8	801.23	830.29	750.15	9.66	27.1	0.82	0.87	68.13	87	41.61
187	D-47	-24.46	-4.38	-45.82	806.09	840.58	771.3	11.71	24.36	1.28	0.98	73.43	98.12	43.88
188	Steward Hills	-31.21	-9.18	-52.3	799.71	827.14	763.2	13.46	24.77	1.8	0.98	70.84	87.91	44.33
189	Kathie	-27.87	-7.75	-60.74	797.1	827.94	764.26	5.95	23.17	0.07	0.94	73.06	90.22	56.16
190	Lola	-22.59	-3.94	-48.26	796.24	832.34	752.77	6.03	58	0	0.78	47.98	89.38	6.25
191	A028	-26.45	-4.87	-58.54	799.63	838	765.11	10.69	23.03	1.13	0.91	68.77	89	36
192	Asgard	-23.21	-3.74	-42.38	801.21	833.38	770.36	3.59	21.13	0.05	0.83			
193	Lynn	-33.81	-11.48	-60.96	780.89	811.1	747.66	9.46	19.05	1.2	0.96	35.9	62.13	19.13
194	Kominko-Slade	-28.24	-3.78	-63.73	778.51	812.25	739.11	6.46	23.28	0	0.93	71.02	98.33	37.94
195	LGB00	-28.58	-5.57	-50.94	775.12	814.93	739.94	10.53	27.73	0.1	0.98			
196	Noel	-28.44	-13.54	-51.17	776.51	797.71	756.08	8.55	23.2	0.53	0.95	84.84	99	45.6
197	Mount Walcott	-31.38	-9.86	-57.48	774.8	799.34	736.41	9.14	23.25	0.99	0.96	74.16	88.22	59.24
198	LGB69	-25.94	-7.45	-45.61	775.02	802	744.28	9.31	20	0.08	0.98	70.53	92	40.5
199	Mt.Fleming	-23.46	-6.2	-42.69	763.97	793.29	731.71	9.06	27.88	0.5	0.9	47.53	87.88	8.04
200	Modesta	-36.34	-5.5	-61.05	762.11	797.01	726.76	12.66	30.5	0.5	0.93	59.78	89.25	34.88
201	Kohler Glacier	-26.34	-3.86	-53.13	766.33	803.26	724.75	6.36	19.3	0.81	0.87	80.9	92.61	62.81
202	Panda200	-26.36	-8.38	-47.05	763.36	790.62	734.62	10.91	22.9	2.36	0.98	71.57	87.62	54.5
203	Monte Cassino	-22.79	-5.3	-41.6	756.53	788.67	722.69	5.52	26.2	0.84	0.79	63.3	90.59	15.69
204	Baldrick	-27.32	-9.39	-38.85	760.64	789.53	728.01	8.24	17.68	0.6	0.98	57.1	86.96	29.99
205	Butcher Ridge	-29.49	-8.09	-57.88	752.04	785.85	711.33	6.73	30	0.7	0.82	65.56	88.58	24.14
206	MtBrown	-29.48	-9.6	-52.52	754.02	781.95	724.4	9.55	21.65	1.39	0.92	62.48	79.6	44.29
207	Janet	-27.74	-4.19	-58.64	746.34	780.72	710.59	6.23	24.13	0	0.9	75.01	92.19	41.23
208	Bowers	-27.74	-13.78	-51.58	752.42	765.76	729.98	6.71	19.05	0.98	0.95	45.02	67	33.75
209	Irene	-34.79	-7.97	-65.58	756.2	790.31	724.76	11.18	28	0	0.95	64.02	99	26
210	AGO-A84	-34.36	-12.17	-58.88	754.59	778.7	727.82	8.5	19.05	1.7	0.98			
211	D-57	-29.29	-10.63	-60.15	750.28	782.73	717.01	9.89	29.6	1.14	0.97	63.17	92.13	39.13
212	GF08	-30.75	-6.36	-60.68	744.03	779.44	709.3	13.32	30.5	0.85	0.99	63.11	83.67	44
213	Mount Sidley	-19.95	0.22	-46.03	741.01	774.11	703.88	5.13	36.85	0.67	0.72	59.85	83.84	9.31
214	Brimstone Peak	-26.23	-7.87	-51.25	740.27	775.46	705.81	7.49	32.85	0.62	0.83	64.31	89.77	14.09
215	Westhaven Nunatak	-32.26	-13.13	-58.71	733.75	764.86	690.2	7	21.75	0.82	0.85	77.73	90.53	30.29
216	Mizuho	-29.22	-0.25	-53.4	737.64	773.25	701.71	10.38	22.27	0	0.99			
217	LGB35	-36.99	-11.59	-60.11	728.87	762.59	690.64	10	22.85	0.35	0.98			
218	Panda300	-30.15	-12.15	-51.02	723.29	747.38	702.25	9.25	17.41	1.13	0.99	67.61	80.62	56.25
219	LGB46	-36.3	-13.86	-61.52	728.16	758.37	700.66	6.91	16.32	1.15	0.97			
220	Paola	-36.46	-9.1	-63.89	722.22	753.64	688.1	8.59	28	0	0.91	65.02	99	34.63
221	Whitmore Mountains	-27.44	-8.35	-57.53	718.74	746.18	683.9	10.11	30.6	0.63	0.88	79.42	92	21.13
222	aws08	-37.41	-10.54	-67.28	718.56	746.26	692.45	5.29	22.1	0.19	0.85	94.47	99.8	69.77
223	Mount Howe	-36.68	-13.05	-59.32	698.44	729.19	660.88	11.94	29.37	1.05	0.95	71.53	85.63	54.2
224	AGO-A81	-42.13	-17.37	-71.45	720.37	742.64	692.78	8.04	13.6	1.97	0.97			
225	Recovery Lakes 2	-40.69	-13.19	-59.95	716.65	744.05	685.62	4.43	12.1	1.38	0.89	72.76	84.33	65.04
226	E-66	-36.06	-14.04	-63.38	714.51	747.36	685.82	8.42	18.15	1.02	0.97	59.75	90	39.8
227	D-80	-40.4	-11.33	-69.17	711.49	745.47	676.29	5.92	18.5	0.56	0.96			
228	Giulia	-42.27	-15	-69.44	712.15	742.81	681.34	11.33	33.5	0	0.95	55.21	83.38	28.25
229	LGB59	-34.22	-12.57	-56.82	707.88	736.95	669.68	9.7	19.4	0.5	0.99			

230	Panda400	-32.43	-13.15	-53.79	709.53	734	689.38	8.95	15.69	0.65	0.99	33.93	47.88	18.75
231	Panda	-33.86	-11.48	-58.38	700.79	727.52	666.5	8.87	17.1	0	0.99	57.46	76	34.4
232	LGB10	-39.49	-14.64	-60.19	700.13	733.69	661.84	6.34	15.94	0.65	0.97			
233	Taishan	-35.27	-12	-59.25	699.28	725.88	664.63	10.32	18.49	2	0.98	66.7	86.88	51.13
234	Bumstead Nunatak	-33.77	-12.05	-59.1	689.58	713.34	656.56	9.37	18.23	1.8	0.95	68.74	85.56	42.31
235	D-85	-40.52	-12.43	-64.93	696.31	723.76	667.93	6.32	18.03	0.67	0.96	46.72	58.2	35.6
236	Recovery Lakes 1	-43.27	-18.7	-59.75	706.46	734.82	681.5	5.29	12.68	1.86	0.92	70.45	81.4	59
237	AuroraBN	-41.61	-12.39	-71.2	693.4	720.32	662.05	5.84	12.67	0.8	0.96			
238	LGB20	-42.13	-16.19	-62.97	716.81	738.86	691.63	7.05	16.18	1.04	0.97			
239	Henry	-46.75	-12.74	-73.81	690	727.5	656.95	5.42	14.43	0.1	0.96	44.14	79.01	13.18
240	GC41	-44.03	-11.07	-73.74	689.27	728.4	650.82	5.81	14.98	0.38	0.97			
241	Eagle	-41.58	-13.54	-66.1	682.6	715.38	645.03	4.52	13.08	0.13	0.98	53.91	86.5	29.5
242	Allison	-51.18	-22	-73.01	688.68	709.54	664.8	3.55	10.6	0.1	0.96	43.46	60	16.75
243	Clean Air	-50.36	-16.83	-78.56	681.12	717.78	648.46	3.97	11.74	0.5	0.95	42.43	78.53	4.14
244	Patrick	-49.78	-21.35	-77.56	680.54	705.72	648.74	3.45	10.41	0.23	0.94	38.18	57.75	20.12
245	aws09	-41.96	-12.58	-70.81	676.67	705.48	642.04	4.46	20.92	0.14	0.95	95.4	99.94	41.77
246	Lindsay	-48.78	-22.25	-74.76	681.2	700.3	662.95	3.14	9.29	0.25	0.93	40.05	68.12	15.88
247	Kelly	-44.15	-21.93	-70.08				3.33	8.57	0.46	0.92	39.39	63.25	12.75
248	Nico	-48.47	-11.9	-79.54	669.29	708.24	638.88	4.17	17.65	0.07	0.96	49.85	83.58	12.75
249	Concordia	-53.07	-16.02	-82.31	642.26	675.65	604.65	6.67	27	0	0.91	45.64	81.5	19.71
250	Dome C II	-51.79	-11.82	-81.03	642.24	675.46	604.1	3.18	13.54	0.04	0.92			
251	Dome C	-52.57	-10.95	-80.55	644.34	678.4	608.78	2.86	11.99	0.07	0.91			
252	Relay Station	-47.67	-13.09	-73.97	636.17	670.46	602.71	7.29	18.88	0.6	0.98	51.18	84.24	24.74
253	AGO-5	-58.42	-27.92	-76.49	654.88	678.31	636.59	2.7	5.09	0.52	0.97			
254	AGO-4	-52.55	-19.84	-77.91	617.45	645.86	582.1	5.27	11.86	0.96	0.97	51.71	70.63	29
255	aws12	-53.01	-17.14	-81.8				4.38	11.75	0.22	0.93	91.92	99.56	70.85
256	JASE2007	-50.52	-17.57	-78	608.58	634.38	575.9	4.47	16.44	0.4	0.94			
257	Mt.Erebus	-32.83	-20.94	-45.85	589.3	615.41	563.06	6.31	25.12	0.3	0.81	44.27	68.29	15.75
258	aws13	-54.44	-21.2	-83.51				4.45	10.9	1.72	0.93	92.13	99.83	59.06
259	Panda1100	-47.9	-16.57	-69.47	603.22	631.88	577.25	6.47	14.46	0.75	0.98	55.08	74.94	39
260	Dome F	-55.29	-17	-79.95	596.61	625.22	563.02	2.89	11.7	0.2	0.92			
261	Dome Fuji	-55.55	-20.02	-78.73	596.5	623	575.66	2.74	10.96	0.3	0.92			
262	Panda_South	-38.92	-16.65	-58.55	586.68	608.4	564.9	4.13	12.55	0.5	0.93	41.57	72.2	10.4
263	Dome_A	-53.31	-21.76	-78.88	573.85	600.93	536.87	2.57	12.9	0	0.92	41.73	69	20
264	Kunlun	-53.12	-20.5	-78.02	573.55	601.83	546.62	3.59	11.23	0	0.93	55.05	76	31.75
265	AWS_A	-17.47	-2.03	-51.47				9.66	37.54	0	0.9			
266	AWS_B	-18.33	-2.26	-53.54				9.18	38.43	0	0.89			
267	Wormold	-6.16	1.03	-23.29	949.44	986.74	910.41	4.79	17.98	0.3	0.79	85.08	99.2	34.4

Table S4. Station list with their monthly mean, max and min values of meteorological elements

NO.	Station	Monthly data												
		Temperature (°C)			Pressure(hPa)			Wind Speed(m/s)			Wind Direction	Relative Humidity (%)		
		mean	max	min	mean	max	min	mean	max	min	DC mean	mean	max	min
1	Cape Hallett	-15.1	-0.15	-27.86	987.82	998.88	976.66	2.81	5.32	1.25	0.66	68.69	95.58	33.09
2	Pegasus South	-21.22	-1.16	-42.23	991.73	1011.14	974.57	3.42	10.18	0.92	0.52	64.38	98	1
3	Bonaparte Point	-2.13	3.09	-12.63	960.53	971.43	946.02	4.24	8.31	1.26	0.44	81.77	99.43	25
4	Pegasus North	-20.27	-1.6	-41.05	989.31	1003.45	976.04	3.73	7.18	1.51	0.58	70.97	99.35	38.6

5	Willie Field	-21	-2.86	-40.44	988.42	1008.45	970.34	3.55	6.14	1.61	0.59	67.62	98	26.25
6	Pegasus	-25.09	-11.78	-36.44	987.4	995.28	970.24	4.29	5.99	3.72	0.61	57.38	86.13	14
7	Phoenix	-19.92	-3.96	-37.4	985.95	995.45	977.04	4.29	6.69	2.53	0.56	70.75	90.81	44.75
8	Dismal Island	-4.9	2.29	-18.46	984.91	1001.32	968.83	6.58	11.54	3.66	0.49	84.19	99.77	46.64
9	Rothera	-6.18	-4.02	-8.89	981.93	989.87	969.58	4.85	5.12	4.57	0.63			
10	Spring Point	-2.72	1.9	-10.32	986.94	1000	977.4	2.2	3.85	1.36	0.34	72.61	93.38	36.42
11	Larsen Ice Shelf	-13.87	5.4	-31.46	985.28	1003.72	967.93	3.95	7.57	1.92	0.4	82.85	96.2	55.33
12	Racer Rock	-2.04	2.25	-9.58	987.66	1001.79	976.23	5.98	10.84	2.13	0.38	82.03	99	46
13	Martha II	-26.66	-5.5	-48.38	980.64	994.51	966.89	4.59	6.23	2.67	0.68	56.22	86	30.13
14	Zhongshan	-9.91	2	-22.64	984.78	997.38	970.37	6.37	11.52	2.1	0.82	56.36	94.88	23.63
15	Jennica	-14.25	-0.19	-26.58				4.78	8.13	2.68	0.52			
16	Virginia	-17.77	-2.52	-28.09	978.8	990.1	968.28	22.48	37.22	7.52	0.97	56.08	97.5	32.62
17	Cape Spencer	-21.69	-3.06	-39.9	988.8	1004.62	972.63	3.38	5.09	1.97	0.26	77.33	99.3	42.79
18	Cape Adams	-23.08	-4.61	-37.2	982.24	1000.3	966.14	3.64	5.43	2.86	0.29			
19	Hugo Island	-4.39	2.48	-22.64	985.08	999.43	974.58	6.1	10.97	3.08	0.37	88.21	99.7	52.56
20	Laurie	-19.57	-6.22	-33.08	987.04	997.98	971.15	6.13	9.68	2.64	0.82	69.06	97.13	28.71
21	Nancy	-26.62	-15.66	-37.08	986.67	1002.32	971.67	2.57	3.1	1.87	0.41			
22	Santa Claus Island	-1.91	2.52	-11.17	985.66	999.14	972.04	6	9.78	3.63	0.39	87.25	99	44.38
23	Tiffany	-22.62	-3.91	-40.48	985.19	999.5	973.35	3.23	4.6	2.4	0.45	53.41	89.62	15.5
24	Herbie Alley	-20.43	-3.18	-40.34	989.04	1006.57	971.29	3.27	5.97	1.56	0.29	72.75	99.3	13.3
25	Kirkwood Island	-5.89	0.95	-18.9	982.11	996.78	967.56	6.43	8.96	3.97	0.36	81.39	98	47.7
26	Pat	-17.27	-1.57	-29.28	988.08	1001.81	976.41	11.52	16.33	4.05	0.92	45.71	95.5	21.5
27	Penguin	-15.01	0.84	-31.15	986.79	1006.69	970.41	3.65	12.66	2.28	0.42	53.96	88.75	22.63
28	Penguin Point	-12.43	-0.12	-22.4	977.07	989.64	966.74	12.73	19.1	4.69	0.93	65.47	97	26.75
29	Possession Island	-11.22	2.19	-26.06	975.53	992.71	960.39							
30	Scott Island	-7.56	0.44	-19.28	977.79	992.28	962.94	5.72	6.74	4.51	0.33			
31	White Out	-6.51	-6.51	-6.51	984.03	984.03	984.03	2.67	2.67	2.67	0.15	64.65	80.43	50.12
32	Young Island	-8.34	0.67	-19.93	979.21	995.95	969.55							
33	Cape Denison	-10.5	1.98	-20.7	983.54	1004.1	966.83	20.54	29.19	10.84	0.96	62.57	99.47	26.22
34	Laurie II	-22.55	-4.54	-42.92	983.61	997.28	970.73	6.14	12.2	2.6	0.78	77.3	99.8	38.54
35	aws04	-18.38	-3.98	-33.55	979.44	991.09	968.81	5.09	7.79	3.37	0.45	94.06	99.87	71.13
36	B9Berg	-16.2	-1.49	-28.05	980.92	991.31	974.45	11.21	14.74	7.49	0.7			
37	Cape Webb	-11.09	-2.7	-19.73	986.69	1001.08	974.53	13.48	19.35	9.05	0.87	67.93	99	36.13
38	Cape Bird	-15.66	0.61	-38.42	982.03	997.9	964.71	3.71	6.56	2.46	0.42	67.89	99.8	26.69
39	Lettau	-26.78	-2.95	-50.44	982.58	1000.6	964.12	4.48	10.33	2.23	0.63	60.46	94.6	29.25
40	Port Martin	-10.33	0.27	-20.63	984.24	995.41	972.58	15.52	22.2	8.69	0.96	64.19	99	18.2
41	Limbert	-23.01	-3.2	-40.47	985.86	999.9	970.72	4.8	7.43	1.74	0.54	82.23	99.35	49.4
42	Sofia	-18.12	-2.15	-31.54	984.83	1003	968.6	7.43	14.62	3.84	0.36	45.73	95.57	14.75
43	Windless Bight	-20.22	-1.96	-44.61	985.57	1006.09	971.73	2.54	3.58	1.55	0.41	67.36	99.9	25.25
44	Linda	-21.94	-3.59	-41.53	983.2	997.7	967.36	6.89	13.37	3.21	0.79	76.29	99.54	37.24
45	Martha I	-19.45	-4.15	-46.38	979.19	988.91	967.13	4.25	7.44	2.53	0.51			
46	Ferrell	-23.31	-3.51	-43.27	983.32	1001.5	966.56	5.73	11.61	2.28	0.78	78.68	99.8	46.43
47	Lorne	-21.53	-4.06	-40.07	982.78	997.44	969.74	5.98	10.54	3.34	0.77	76.57	99.8	39.45
48	Prospect Point	-3.18	2.05	-14.74	985.2	1001.64	971.68	3.61	5.89	1.54	0.49	79.93	94.62	47.23
49	Ferrell II	-24.34	-6.42	-38.5	983.4	989.74	975.8	6.25	8.3	4.3	0.81	76.44	95.9	48.48
50	Eric	-24.98	-4.31	-48.64	983.33	996.45	970.1	3.06	4.23	1.99	0.34	71.49	99.55	36.17
51	Vernadsky Station	-2.74	2.91	-12.33	986.26	1002.44	968.33	4.2	7.22	1.96	0.28	82.04	97.64	41.56
52	AM02				982.1	994.92	972.94	5.52	7.96	2.93		68.89	96	20
53	Meeley	-24.18	-6.19	-42.94	983.28	994.24	969.38	5.81	10.56	2.59	0.83			
54	aws14	-15.55	-2.13	-29.09	985.55	999.45	973.59	3.81	5.53	2.02	0.45	94.03	99.91	52.83
55	aws15	-15.76	-2.16	-29.45	985.37	999.2	973.5	3.87	5.22	2.42	0.45	95.06	99.88	68.5

56	aws17	-14.82	-1.54	-28.79	986.29	1000.09	976.09	3.99	6	2.23	0.62	89.5	99.73	53.92
57	AWS19	-12.39	-2.12	-23.3	977.55	983.1	969.92	9.11	15.37	3.56		84.69	99.09	55.23
58	Vito	-26.17	-4.07	-48.15	981.07	996.46	966.26	5.01	7.96	2.31	0.75	74.1	99.6	41.69
59	Carolyn	-25.03	-6	-51.01	978.34	991.83	965.65	4.94	7.8	2.76	0.66	77.66	99.9	32.94
60	Eder	-13.49	-3.25	-19.46	981.2	991.43	972.97	10.86	15.41	6.72	0.92	65.92	97.6	30
61	Emilia	-25.13	-5.42	-47.69	985.68	998.92	971.08	5.51	9.65	2.97	0.82	71.18	98.6	37.58
62	Halley Bay	-20.51	-14.66	-25.49	983.95	993.66	976.09	7.43	13.1	3.72	0.71			
63	Gill	-28.18	-5.28	-51.48	979.79	999.87	962.55	4.24	9.04	0.67	0.65	52.33	92.63	15.88
64	South Georgia 3	2.32	5.54	-2.34	996.2	1006.9	985.53	2.87	3.58	2.23	0.55	78.46	97.5	47.47
65	Schwerdtfeger	-26.18	-4.66	-48.69	980.71	997.9	960.79	4.93	8.9	2.28	0.73	72.85	97.01	25.07
66	Alexander (TT!)	-21.28	-6.49	-30.01	983.25	988.8	974.71	8.2	10.49	4.65	0.81	75.52	95.62	50.24
67	Gould Knoll	-4.85	-2.82	-6.09	974.01	979.72	968.62					83.32	96.06	57.18
68	Mary	-20.75	-3.88	-35.77	983.65	998.53	970.48	5.03	8.5	2.47	0.7	61.85	91.86	30
69	Elaine	-23.17	-3.64	-48.26	979.49	994.72	964.1	4.24	7.63	1.87	0.64	70.23	99.8	7.93
70	Marilyn	-22.77	-3.95	-40.32	981.33	997.6	963.71	5.78	10.07	2.08	0.77	69.73	99.13	30.25
71	Fossil Bluff	-8.65	0.21	-22	977.25	992.26	965.43	2.98	5.82	1.9	0.5	78.24	97.38	43.6
72	Backer Island	-11.35	-1.52	-25.7	973.91	986.36	954.41	6.3	9.05	3.73	0.51	81.35	97.31	53.38
73	AM01				981.99	992.79	972.99	7.46	10.37	2.74	0.88			
74	Manning	-22.63	-4.75	-41.1	980.98	992.89	968.29	4.58	7.44	2.84	0.74			
75	Margaret	-28.48	-4.76	-52.68	973.87	991.34	958.91	3.45	5.55	0.91	0.38	66.45	96.13	33.25
76	AWS18	-12.22	-1.43	-27.95	980.21	990.99	965.56	3.03	5.63	2.01		83.2	99.76	43.82
77	Emma	-20.87	-3.52	-43.71	975.66	988.44	965.06	5.63	8.87	2.81	0.69	71.07	96.13	39.04
78	Duthiers Point	-2.1	2.33	-6.86	985.15	1000.11	972.71	4.11	5.9	2.39	0.25	76.43	96.58	35.98
79	Manuela	-18.18	-0.79	-31.62	979.09	997.07	962.64	13.15	23.73	2.77	0.9	52.72	97.38	25.95
80	Tom	-17.8	-3.97	-32.32	978.85	989.13	970.94	5.94	11.8	3.18	0.74	73.52	98.1	43
81	Marlene	-24.31	-6.28	-41.69	976.24	987.13	965.87	6.17	10.42	3.16	0.83	74.08	94.54	42.5
82	AmeryG3	-20.65	-1.88	-33.76	979.38	993.71	965.7	7.77	13.68	2.24	0.9	75.27	98	36
83	Robertson Island	-8.88	2.59	-23.91	983.17	996.62	968.79	7.78	10.82	5.17	0.66	77.54	98.18	20.85
84	South Georgia 1	1.73	5.87	-2.83	989.62	1006.32	972.73	3.83	9.41	2.76	0.38	73.75	95.04	33.81
85	Sabrina	-21.28	-3.42	-44.08	975.56	990.83	963.16	6.66	12.35	2.57	0.81	70.13	96.92	43.88
86	Butler Island	-16.84	-0.89	-30.44	975.16	993.16	958.81	4.89	9	0.61	0.59	80.96	97.86	33.71
87	Eneide	-13.78	0.74	-28.61	978.07	996.54	960.32	4.73	15.58	1.82	0.42	47.82	99	8.88
88	Deverall Island	-18.17	-3.06	-30.34	974.12	986.64	961.58	4.16	5.87	2.48	0.45	68.43	95.64	33.44
89	Cape Framnes	-9.74	1.75	-24.53	976.68	990.14	961.29	6.25	10.36	3.44	0.54	71.85	94.93	31.05
90	Marble Point	-16.56	-0.47	-33.23	975.52	994.25	959.09	3.48	6.75	1.23	0.65			
91	Marble Point II	-16.14	-2.23	-30.45	973.52	985.72	963.43	3.87	6.62	2.59	0.6	59.38	93.64	23.51
92	Foyn Point	-11.17	1.01	-23.15	979.97	992.95	970.43	3.12	5.37	2.27	0.49	74.64	96.47	20.98
93	Apfel	-9.97	-0.91	-17.9	967.07	976.72	959.65					61.87	92.8	35
94	Arelis	-15.96	-0.18	-31.93	969.84	988.63	953.75	9.13	18.07	4.35	0.58	60.44	98.25	19
95	Lepley Nunatak	-11.26	-1.92	-23.46	964.65	981.11	945.89	7.42	10.53	4.72	0.65	80.1	98.7	42.39
96	Alessandra	-15.39	-0.86	-30.38	969.92	986.77	953.59	2.73	6.28	1.96	0.43	56.77	99	5
97	Evans Knoll	-12.87	-2.47	-26.19	961.25	977.08	941.3	5.11	8.15	2.26	0.55	77.2	98.54	28.86
98	Franklin Island	-15.24	-1.75	-28	959.96	970.35	947.54	5.28	6.84	2.83	0.33	79.48	95.55	35.8
99	Fogle	-17.96	-3.49	-25.55	963.51	974.5	954.6	7.74	9.41	5.53	0.68	68.44	98.6	26.75
100	Jimmy	-17.76	-0.01	-29.71	963.61	1002.28	951.8	5.37	6.63	3.6	0.71	54.62	84.5	22.5
101	Latady	-8.72	-5.37	-12.23	928.85	936.69	919.07	5.53	8.89	3.83	0.62	92.93	99.78	74.74
102	South Georgia 2	0.41	1.34	-0.6	972.18	974.87	969.52	8.17	9.67	7.37	0.52	89.19	95.06	71.8
103	Thurston Island	-10.84	-1.92	-23.91	952.56	967.27	933.21	6.23	10.14	3.16	0.4	82.03	99.85	30.58
104	Mount Siple	-9.26	-1.44	-24.7	954.13	974.6	935.09							
105	D-10	-12.96	-0.49	-24.83	952.36	973	939.08	8.38	13.66	4.9	0.9	55.82	99.85	7.28
106	Whitlock	-16.87	-1.83	-30.7	953.83	973.32	936.85	4.72	7.44	2.25	0.24	80.61	99.9	13

107	Rita	-15.37	-1.31	-30.88	955.58	982.96	939.5	7.03	20.47	1.63	0.46	47.44	99	9.13
108	Fallone Nunataks	-15.9	-2.84	-28.03	949.91	963.22	935.85	8.27	12.91	4.22	0.88	66.49	93.31	36.44
109	Ranvik	-12.13	-0.62	-21.71	944.02	953.39	935.84					64.62	94.33	37.67
110	King Edwaed Pt	0.93	5.9	-5.29	957.53	971.27	946.41	3.34	5.69	1.6	0.52	71.22	95.79	19.49
111	Maria	-15.57	-3.13	-28.54	944.85	958.71	929.38	6.45	10.73	3.58	0.47	58.67	99	21.43
112	aws05	-15.94	-3.71	-27.28	943.16	956.01	931.49	6.6	10.24	3.26	0.84	82.96	99.98	35.7
113	Mulock	-20.17	-5.6	-33.36	935.98	948.87	924.09	13.99	25.72	4.31	0.93	69.24	98.47	39.71
114	Lanyon	-11.73	-1.79	-21.41	934.43	951.86	920.88	12.84	20.93	5.28	0.8	75.23	98.75	13.6
115	Dolleman Island	-18.13	-5.26	-29.29	942.73	954.7	928.73	5.56	7.93	2.28	0.42			
116	Bear Peninsula	-13.66	-3.42	-26.54	927.04	945.58	907.11	8.32	14	3.87	0.75	79.23	99.3	10.2
117	Rumdoodle	-14.48	-3.26	-23.99	935.86	944.57	927.58					53.28	91.5	19
118	D-17	-12.91	-4.35	-19.18	917.69	920.14	914.18	10.09	12.73	6.66	0.94			
119	Brianna	-21.74	-6.61	-38.5	921.31	935.91	904.54	7.67	11.93	3.1	0.93	69.1	97.84	30.99
120	Buckle Island	-10.43	-1.69	-16.43	923.67	930.83	911.34	8.67	8.67	8.67	0.47			
121	Elizabeth	-24.41	-5.29	-45.83	917.89	934.44	901.63	5.45	10.31	1.88	0.82	74.11	98.41	44.31
122	Mount Paterson	-17.13	-5.14	-30.95	908.17	923.96	891.16	5.13	7.89	2.74	0.32	77.98	94.13	22.84
123	J.C.	-15.76	-4.15	-26.53	920.5	928.13	903.17	9.49	13.1	5.62	0.93	73.14	96	42.5
124	Silvia	-17.07	-4.15	-30.82	921.14	935.87	906.47	9.47	28.13	1.42	0.53	66.21	99	10.63
125	Flask Glacier	-11.45	-2.75	-20.41	922.26	933.28	912.14	4.51	8.17	2.07	0.52	73.93	95.06	19.39
126	Leppard Glacier	-11.66	-2.72	-21.49	919.27	932.77	909.08	4.64	7.68	2.76	0.55	76.5	98.31	40.29
127	Tombstone Hill	-16.63	-4.6	-26.21	905.09	918.28	895.42	4.6	9.65	2.43	0.58	66.02	91.6	18.14
128	BrownGl	-1.44	2.8	-4.78								80.06	98	23
129	Siple Dome	-22.34	-7.19	-40.39	897.89	914.53	882.32	3.79	8.63	1.7	0.47	73.64	99.88	21
130	Inman Nunatak	-13.98	-4.35	-26.91	896.3	913.58	876.44	8.3	13.15	5.33	0.79	76.87	95.44	12.06
131	White Island	-18.79	-6.07	-29.81	893.33	908.18	882.17	9.13	17.31	3.25	0.68	67.81	99.9	21.79
132	aws11	-17.13	-5.64	-26.42	901.98	914.51	892.23	8.45	15.04	1.78	0.77	86.78	99.96	20.74
133	Wilson Nunatak	-22.22	-8.34	-32.06	905.29	919.32	889.83	10.73	15.57	6.26	0.93	71.93	92.76	41.81
134	Uranus Glacier	-10.72	-0.01	-25.4	899.55	914.38	881.48	5.5	9.23	2.53	0.69			
135	Rambo Nunatak	-24.59	-9.22	-35.92	890.84	901.91	878.55	10.55	15.36	5.26	0.87	73.21	92.39	40.41
136	Sutton	-19.87	-7.92	-29.2	879.23	892.9	870.5	14.75	18.48	10.93	0.98	75.73	96.75	43.5
137	Zoraida	-21.77	-5.47	-36.62	910.28	925.12	897.59	22.98	41.62	7.82	0.75	37.37	93.13	2.63
138	aws10	-24.18	-10.49	-36.59	879.67	891.5	869.13	3.78	5.87	1.08	0.45	95.62	99.91	38.2
139	Bean Peaks	-20.45	-8.5	-26.51	877.24	887.25	865.89	4.47	8.92	2.62	0.56	80.03	90.47	48.84
140	Minna Bluff	-22.14	-7.59	-37.38	876.76	893.12	857.13	6.85	12.65	1.32	0.7	78.85	99.83	21.55
141	Hutton Mountains	-16.81	-8.6	-23.2	874.56	881.77	867.36	5.02	6.57	3.57	0.43	77.86	92.44	41.66
142	Harry	-23.15	-7.63	-40.08	869.57	885.68	850.65	7.95	12.48	2.21	0.94	79.61	99.7	44.75
143	Swthinbank	-21.53	-5.67	-40.78	867.84	882.63	851.06	8.06	11.16	3.86	0.91	74.28	97.17	42.25
144	Cordiner Peak	-22.19	-9.05	-34.48	871.59	879.4	860.41	7.63	12.55	4.5	0.88	67.63	88.6	23.46
145	Mount Carbone	-15.15	-7.44	-24.8	859.12	873.17	848.98	7.86	14.64	4.1	0.73	78.84	99.6	21.24
146	Erin	-21.43	-7.87	-36.72	874.08	889.89	858.67	11.9	18.23	5.92	0.96	82.01	99.8	48.66
147	Lower Thwaites Glacier	-21.14	-9.39	-35.79	861.51	876.89	843.47	7.38	11.45	2.99	0.75	79.67	94	62.64
148	Clarke Mountains	-17.2	-6.32	-30.68	853.47	871.41	835.89	6.69	11.76	2.09	0.74	71.08	92.39	17.44
149	Siple	-24.33	-10.51	-37.74	861.49	880.92	845.41	5.46	9.34	3.13	0.6			
150	Traverse Mountains	-10.85	-6.85	-14.83	860.11	869.48	852.81	8.49	12.97	6.15	0.81	81.71	93.88	32.09
151	Mount Suggs	-17.78	-8.5	-28.91	853.47	863.77	835.35	5.84	12.65	2.84	0.36	76.42	93.26	23
152	aws06	-19.96	-8	-31.22	855.19	869.29	844.74	6.63	9.35	4.02	0.89	77.98	99.99	30.28
153	Lyon Nunatak	-18.13	-9.16	-27.22	844.64	853.14	838.49	4.9	5.73	3.95	0.41	82.66	98.46	47.15
154	Whichaway Nunata	-26.51	-10.91	-39.23	840.89	858.17	829.34	14.72	21.58	7.36	0.96	72.13	87.31	41.91
155	Haag Nunatak	-22.32	-9.51	-34.1	845.77	859.99	826.65	8.04	12.56	4.32	0.75	74.65	91.59	16.61
156	Toney Mountain	-20	-9.07	-33.91	839.62	852.83	820.15	12.63	23.3	7.29	0.8	78.45	98.3	47.59
157	Shristi	-30.09	-11.79	-41.88	852.99	863.23	840.09	8.87	14	2.01	0.97	43.06	61.63	26.13

158	Recovery Glacier	-28.59	-11.77	-40.3	846.28	858.14	838.82	5.8	8.08	2.79	0.88			
159	Lucia	-25.02	-9.7	-38.57	869.46	882.84	855	20.32	35.18	8.45	0.95	68.82	97.63	34.25
160	Pirrot Hills	-23.9	-11.68	-34.15	837.02	847.65	824.87	9.68	14.62	4.38	0.87	64.43	87.9	26.29
161	Austin	-24.24	-12.13	-37.09	833.97	847.13	817.58	7.85	13.72	3.97	0.63	77.72	94.47	55.48
162	aws16	-17.97	-6.99	-26.56	827.51	840.64	813.57	4.7	6.7	3.28	0.7	56.51	99.9	15.1
163	Up Thwaites Glacier	-25.02	-10.92	-39.36	827.78	841.12	810.31	5.86	10.23	3.33	0.62	82.12	93.24	66.65
164	Panda100	-21.68	-9.52	-30.47	826.94	839.17	818.16	13.41	16.08	10.11	0.97	72.95	87.12	52.5
165	Jurassic	-20.52	-11.7	-30.99	830.23	842.09	817.33	7.2	10.75	2.93	0.71	79.17	94.48	37.01
166	Jensen Nunatak	-14.02	-8.18	-16.99	821.55	832.55	815.51	8.9	8.9	8.9	0.8	77.54	93.64	18.85
167	DSS	-21	-9.94	-31.73	822.76	834.24	812.02	6.21	10.32	3.31	0.82	75.97	95	18
168	LawDome	-21.13	-9.98	-32.78	820.07	833.39	804.95	7.84	12.64	4.17	0.88	72.93	83.2	50.57
169	Ferrigno	-24.12	-13.76	-32.67	821.15	833.5	812.03	13.6	20.04	5.59	0.86	76.73	93.47	41.48
170	Ski-Hi	-18.82	-7.26	-31.52	826.31	838.35	814.79	5.77	10.78	3.62	0.7			
171	Gomez	-16.96	-9.57	-25.3	849.84	858.7	839.62	5.91	7.14	4.58	0.72	75.24	95.71	33.91
172	Gomez Nunatak	-16.06	-8.9	-23.07	817.34	829.39	810.33	10.48	12.53	8.29	0.84	79.19	93.45	31.85
173	Doug	-24.32	-10.72	-38.69	812.21	823.77	798.52	8.38	11.8	4.17	0.88	75.14	97.25	49
174	Bennett Nunatak	-19.92	-9.98	-28.69	816.53	828.17	802.53	5.89	9.15	3.57	0.64	59.21	89.31	14.65
175	Sushila	-37.11	-16.6	-49.77	793.5	799.12	782.51	9	12.63	4.76	0.92			
176	Theresa	-22.38	-9.35	-36.88	815.99	832.87	799.27	9.84	14.72	4.91	0.95	74.19	98.36	31.9
177	Howard Nunatak	-22.52	-11.62	-33.05	811.3	827.4	795.19	5.88	10.11	3.24	0.79	74.15	92.12	17.41
178	Sky Blu	-18.72	-7.87	-31.94	803.63	822.82	783.8	6.74	16.4	1.01	0.74	78.23	92.85	34.06
179	Mount Bruce	-18.89	-9.64	-27.37	801.44	816.05	789.32	5.51	9	3.69	0.54	65.69	90.45	12.62
180	Pecora Escarpment	-30.7	-13.64	-44.28	810.87	822.21	798.68	12.03	18.31	6.18	0.95	67.14	82.71	48.94
181	Sandra	-32.88	-13.1	-47.51	802.98	820.85	789.1	9.69	14.33	4.47	0.94			
182	Welch Mountains	-15.07	-9.87	-19.12	809.94	819.4	800.82	4.61	6.28	2.55	0.37	74.3	92.53	13.07
183	Byrd	-26.42	-9.53	-45.61	807.79	825.16	787.44	7.12	11.43	2.78	0.88	75.87	93.97	57.14
184	AGO Site	-25.73	-11.3	-38.69	807.76	820.42	798.02	6.79	13.34	4.26	0.89			
185	Sofiab	-26.54	-11.79	-43.2	803.95	821.42	787.18	11.54	24.1	7.06	0.75	64.85	91.25	25.57
186	Lonewolf Nunatak	-29.57	-12.78	-43.7	801.29	817	789.44	9.73	14.1	2.1	0.86	68.13	87	41.61
187	D-47	-24.36	-11.9	-35.47	806.07	821.75	792.59	11.67	15.78	7.31	0.95	73.43	98.12	43.88
188	Steward Hills	-31.11	-14.73	-41.48	799.89	816.52	789.16	13.46	19.24	7.89	0.96	70.84	87.91	44.33
189	Kathie	-27.58	-14.58	-40.98	797.13	811.96	779.78	5.98	10.23	2.12	0.75	73.06	90.22	56.16
190	Lola	-22.48	-11.78	-31.59	796.31	814.45	780.51	5.67	13.76	2.94	0.46	47.98	89.38	6.25
191	A028	-26.27	-11.99	-40.97	799.46	813.08	780.77	10.66	15.31	5.95	0.82	68.77	89	36
192	Asgard	-22.77	-10.83	-29.89	801.33	816.77	789.81	3.55	5.66	1.21	0.88			
193	Lynn	-33.75	-15.97	-49.58	781.21	794.12	769.81	9.33	13.47	4.84	0.92	35.9	62.13	19.13
194	Kominko-Slade	-27.82	-13.38	-45.31	778.6	792.65	760.06	6.58	11.52	1.57	0.78	71.02	98.33	37.94
195	LGB00	-28.32	-13.54	-41.1	775.12	790.85	759.06	10.57	14.4	5.51	0.95			
196	Noel	-27.48	-20.33	-37.54	776.21	780.36	768.24	8.56	14.98	4.97	0.83	84.84	99	45.6
197	Mount Walcott	-31.58	-16.12	-45.46	774.92	786.47	760.57	8.96	11.94	5.61	0.92	74.16	88.22	59.24
198	LGB69	-25.98	-12.33	-37.09	775.02	791.17	763.27	9.33	11.63	7.11	0.95	70.53	92	40.5
199	Mt.Fleming	-23.48	-13.78	-32.77	763.92	780.81	746.63	8.92	14.38	5.44	0.94	47.53	87.88	8.04
200	Modesta	-36.52	-17.06	-51.06	762.16	778.26	749.12	12.67	19.8	5.1	0.85	59.78	89.25	34.88
201	Kohler Glacier	-26.21	-13.88	-40.17	766.29	781.06	743.79	6.31	9.13	4.09	0.62	80.9	92.61	62.81
202	Panda200	-26.14	-13.28	-35.94	763.52	776.79	752.87	10.86	13.95	7.47	0.95	71.57	87.62	54.5
203	Monte Cassino	-22.76	-13.73	-31.91	756.61	771.68	746.02	5.23	9.7	3.34	0.49	63.3	90.59	15.69
204	Baldrick	-27.27	-16.65	-36.11	760.66	774.3	749.68	8.32	12.21	4.1	0.95	57.1	86.96	29.99
205	Butcher Ridge	-29.29	-14.45	-41.53	752.08	767.75	734.27	6.32	11.45	3.46	0.81	65.56	88.58	24.14
206	MtBrown	-29.39	-14.51	-41.43	754.04	769.83	740.39	9.38	13.87	5.38	0.86	62.48	79.6	44.29
207	Janet	-27.43	-13.5	-44.1	746.39	762.55	728.51	6.15	10.51	3.58	0.71	75.01	92.19	41.23
208	Bowers	-28.82	-16.32	-40.59	750.95	758.34	740.08	6.68	9.23	4.35	0.85	45.02	67	33.75

209	Irene	-35.26	-16.85	-55.75	756.23	771.09	742.53	10.8	14.84	7.49	0.83	64.02	99	26
210	AGO-A84	-34.48	-17.72	-49.44	754.23	762.12	742.69	8.73	11.98	6.15	0.95			
211	D-57	-29.22	-15.57	-42.45	750.24	766.75	732.12	9.92	13.79	6.92	0.91	63.17	92.13	39.13
212	GF08	-30.67	-14.63	-44.8	744.1	764.11	726.57	13.34	18.84	7.71	0.97	63.11	83.67	44
213	Mount Sidley	-19.79	-10.32	-31.93	741.12	757.74	722.58	4.35	8.91	2.2	0.5	59.85	83.84	9.31
214	Brimstone Peak	-26.06	-15.75	-34.46	740.33	757.66	725.96	7.05	11.39	4.58	0.66	64.31	89.77	14.09
215	Westhaven Nunatak	-32.02	-18.59	-45.07	733.84	749.01	716.79	6.77	10.43	4.87	0.77	77.73	90.53	30.29
216	Mizuho	-28.88	-9.72	-44.1	737.62	753.13	723.82	10.41	14.19	5.62	0.97			
217	LGB35	-37.05	-17.03	-50.04	728.86	745.48	712.71	10.07	14.21	5.43	0.97			
218	Panda300	-30.03	-16.47	-42.09	723.65	735.72	717	9.23	11.49	5.82	0.97	67.61	80.62	56.25
219	LGB46	-35.9	-20.05	-50.12	728.24	744.11	713.94	7	9.93	4.45	0.95			
220	Paola	-36.99	-19.22	-55.74	722.27	737.08	711.83	8	11.35	1.34	0.72	65.02	99	34.63
221	Whitmore Mountains	-27.3	-16	-36.5	718.92	735.51	702.76	9.22	16.57	5.58	0.71	79.42	92	21.13
222	aws08	-37.06	-18	-50.12	718.57	730.22	708.4	5.23	7.73	0.99	0.9	94.47	99.8	69.77
223	Mount Howe	-36.71	-20.9	-48.14	698.33	714.61	682.48	11.72	19.24	6.53	0.9	71.53	85.63	54.2
224	AGO-A81	-41.64	-20.98	-59.27	720.69	736.9	711.53	8	9.55	5.39	0.92			
225	Recovery Lakes 2	-41.03	-20	-54.26	717	730.63	704.95	4.28	6.71	3.34	0.73	72.76	84.33	65.04
226	E-66	-36.5	-16.57	-50.39	714.44	726.33	701.58	8.44	10.41	5.96	0.94	59.75	90	39.8
227	D-80	-40.16	-20.41	-55.91	711.48	729.58	695.34	5.96	8.98	2.97	0.89			
228	Giulia	-42.57	-21.94	-61.59	712.12	726.42	696.02	11.13	20.18	5.73	0.86	55.21	83.38	28.25
229	LGB59	-34.1	-18.83	-45.48	707.87	722.84	691.65	9.79	13.92	6.37	0.97			
230	Panda400	-32.22	-18.06	-44.69	709.88	720.52	702.72	8.9	10.82	6.07	0.96	33.93	47.88	18.75
231	Panda	-33.82	-18.9	-47.16	700.81	713.63	688.92	9.02	11.75	6.57	0.95	57.46	76	34.4
232	LGB10	-39.13	-20.83	-52.56	700.14	716.98	685.51	6.37	9.71	3.9	0.91			
233	Taishan	-35.29	-19.47	-47.1	699.31	713.08	687.21	10.32	12.99	6.47	0.95	66.7	86.88	51.13
234	Bumstead Nunatak	-33.84	-20.14	-45.33	689.49	707.41	672.93	9.88	12.98	6.13	0.93	68.74	85.56	42.31
235	D-85	-40.23	-20.9	-53.74	696.33	711	686.05	6.32	8.14	4.54	0.89	46.72	58.2	35.6
236	Recovery Lakes 1	-44.18	-22.24	-54.64	706.76	718.04	695.65	5.19	5.97	4.46	0.85	70.45	81.4	59
237	AuroraBN	-41.44	-20.03	-58.55	693.36	706.22	680.25	5.87	7.8	4.18	0.9			
238	LGB20	-41.84	-20.64	-54.68	716.83	730.96	705.91	7.08	10.3	3.75	0.95			
239	Henry	-46.74	-21.24	-64.96	689.94	706.32	673.11	5.46	10.52	1.66	0.85	44.14	79.01	13.18
240	GC41	-43.65	-20.88	-61.45	689.32	706.66	672.5	5.85	7.81	3.4	0.89			
241	Eagle	-41.4	-20.48	-56.01	682.61	700.38	668.26	4.51	6.41	2.99	0.93	53.91	86.5	29.5
242	Allison	-50.71	-24.83	-61.46	690.56	704.25	681.74	3.82	4.83	3.11	0.85	43.46	60	16.75
243	Clean Air	-50.22	-20.73	-67.54	681.07	698.19	664.9	4	6.56	2.14	0.78	42.43	78.53	4.14
244	Patrick	-50.14	-24.88	-65.19	680.93	695.18	665.65	3.58	4.68	2.55	0.79	38.18	57.75	20.12
245	aws09	-41.38	-21.01	-58.02	676.7	691.72	664.32	4.44	7.34	1.31	0.9	95.4	99.94	41.77
246	Lindsay	-48.16	-24.81	-63.4	681.34	693.51	673.21	3.21	4.02	2.61	0.66	40.05	68.12	15.88
247	Kelly	-44.99	-27.95	-59.8				3.4	3.7	2.95	0.67	39.39	63.25	12.75
248	Nico	-48.44	-23.07	-65.54	669.29	687.15	655.85	4.21	6.68	2.04	0.81	49.85	83.58	12.75
249	Concordia	-53.28	-26.32	-71.76	642.26	659.71	628.93	6.49	9.6	3.13	0.51	45.64	81.5	19.71
250	Dome C II	-51.03	-20.54	-70.51	642.23	659.28	628.7	3.19	5.33	1.35	0.55			
251	Dome C	-52.91	-23.95	-70.6	644.35	662.54	626.19	2.93	4.75	1.58	0.54			
252	Relay Station	-47.37	-24.26	-63.72	636.15	652.39	618.96	7.32	11.38	5.01	0.94	51.18	84.24	24.74
253	AGO-5	-59.02	-41.01	-65.64	655.87	669.4	648.66	2.72	3.81	1.73	0.87			
254	AGO-4	-52.58	-27.9	-68.1	617.45	631.63	604.98	5.29	7.14	2.56	0.9	51.71	70.63	29
255	aws12	-52.41	-28.69	-70.06				4.36	5.94	3.1	0.78	91.92	99.56	70.85
256	JASE2007	-49.66	-26.59	-69.01	608.58	624.39	595.55	4.56	7.78	2.57	0.74			
257	Mt.Erebus	-32.89	-24.62	-36.49	589.08	602.01	574.39	4.51	5.42	3.6	0.43	44.27	68.29	15.75
258	aws13	-54.4	-32.78	-69.75				4.68	5.48	3.77	0.87	92.13	99.83	59.06
259	Panda1100	-47.97	-28.31	-60.92	603.25	616.73	590.56	6.57	9.17	3.94	0.93	55.08	74.94	39

260	Dome F	-55.12	-26.49	-71.74	596.61	612.73	575.81	2.93	5.73	1.63	0.44			
261	Dome Fuji	-55.2	-27.77	-68.52	596.58	612.08	589.24	2.78	3.81	1.98	0.38			
262	Panda_South	-37.32	-28.11	-52.28	586.99	598.05	576.44	4.02	5.38	2.64	0.52	41.57	72.2	10.4
263	Dome_A	-52.75	-30.44	-68.41	573.91	592	558.83	2.6	5.41	0.94	0.41	41.73	69	20
264	Kunlun	-52.73	-29.73	-67.63	573.61	587.78	559.85	3.66	5.9	2.01	0.51	55.05	76	31.75
265	AWS_A	-17.18	-4.5	-27.5				8.87	10.29	7.39	0.53			
266	AWS_B	-17.82	-4.66	-30.46				8.49	10.23	6.82	0.56			
267	Wormold	-5.81	-2.08	-13.53	949.43	956.19	940.63	4.25	6.59	2.33	0.66	85.08	99.2	34.4

Table S5. Station list with their start and end dates and the overall data integrity.

NO.	Station	Start data	Last data	Duration	3-hourly data integrity (%)				
		(YYYY/MM/D D)	(YYYY/MM/DD)	(Year)	Tem	Pre	WS	WD	RH
1	Cape Hallett	2011/1/1	2020/2/29	10	48.67	62.45	50.2	58.13	62.42
2	Pegasus South	1991/1/1	2009/1/31	19	61.13	81.78	36.18	43.15	13.66
3	Bonaparte Point	1992/1/1	2017/4/30	26	65.12	9.66	42.1	52.88	37.51
4	Pegasus North	1990/1/1	2017/12/31	28	62.44	63.79	59.39	70.9	67.03
5	Willie Field	1992/1/1	2021/12/31	30	57.69	73.77	61.25	68.98	79.37
6	Pegasus	1989/1/1	1989/12/31	1	64.18	79.42	50.86	67.09	78.77
7	Phoenix	2017/11/1	2021/12/31	5	50.91	65.28	53.51	62.53	64.18
8	Dismal Island	2001/5/1	2021/9/30	21	45.24	62.61	30.73	38.27	63.52
9	Rothera	1988/7/1	1988/10/31	1	47.56	50.41	33.74	41.46	0
10	Spring Point	2013/3/22	2017/8/22	5	79.88	92.36	64.69	80.58	92.4
11	Larsen Ice Shelf	1985/10/1	2012/12/31	28	55.46	86.53	59.65	63.36	20.38
12	Racer Rock	1989/10/1	2003/2/28	15	57.79	46	37.12	49.55	9.3
13	Martha II	1987/1/1	1992/2/29	6	71.83	96.07	59.83	59.67	76.84
14	Zhongshan	1989/3/1	2020/12/31	32	74.17	79.65	58.22	73.45	59.27
15	Jennica	1999/1/1	2003/12/31	5	27.06	0	14.62	26.69	0
16	Virginia	2016/1/23	2021/12/14	6	91.38	97.57	24.83	71.86	93.87
17	Cape Spencer	1999/1/1	2004/5/31	6	62.79	88.27	74.74	87.77	85.26
18	Cape Adams	1989/1/1	1992/9/30	4	72.97	95.72	45.14	52.21	0
19	Hugo Island	2009/4/1	2020/5/26	12	62.54	60.62	38.25	45.66	51.93
20	Laurie	1981/12/15	1986/1/31	6	37.91	34.22	41.6	47.56	23.14
21	Nancy	1983/1/1	1983/11/30	1	43.56	92.1	66.92	73.43	0
22	Santa Claus Island	1994/12/1	2000/10/31	7	61.38	70.4	51.35	60.09	36.95
23	Tiffany	1984/1/1	1985/12/31	2	62.69	91.59	46.34	54.63	82.93
24	Herbie Alley	1999/1/1	2004/2/29	6	68.92	85.44	75.48	93.73	95.53
25	Kirkwood Island	2001/5/1	2004/3/31	4	88.5	92.55	77.26	93.23	95.03
26	Pat	1988/12/1	1990/12/31	3	85.79	90.21	49.38	77.79	89.83
27	Penguin	1999/11/26	2021/12/19	23	64.25	70.55	49.38	64.8	45.51
28	Penguin Point	1992/12/1	2002/7/31	11	58.9	62.28	29.96	53.32	28.51
29	Possession Island	1992/12/1	2021/12/31	30	85.27	89.3	0	0	0

30	Scott Island	1988/1/1	1999/3/31	12	49.68	54.23	1.81	2.29	0
31	White Out	1998/12/1	1998/12/31	1	45.56	100	93.95	100	98.39
32	Young Island	1991/1/1	1997/12/31	7	66.96	70.8	0	0	0
33	Cape Denison	1990/1/1	2021/12/31	32	27.02	28.24	5.6	13.85	18.67
34	Laurie II	2000/2/1	2021/12/31	22	72.15	91.59	73.32	75.36	90.92
35	aws04	1997/1/1	2002/12/31	6	66.47	83.52	74.13	8	75.82
36	B9Berg	2002/11/5	2005/7/8	4	58.42	68.85	52.15	65.34	0
37	Cape Webb	1995/1/1	1997/3/31	3	56.5	60.78	10.54	13.2	62.76
38	Cape Bird	1999/1/1	2021/12/31	23	86.15	89.17	67.54	81.93	48.81
39	Lettau	1986/1/1	2021/12/31	36	62.62	78.96	63.8	67.77	43.19
40	Port Martin	1990/1/1	2017/6/30	28	31.16	26.34	6.74	12.86	30.86
41	Limbert	1995/11/1	2012/12/31	18	47.37	57.73	30.03	31.52	54.11
42	Sofia	1987/1/1	2002/12/31	16	80.12	83.46	24.69	84.1	90.68
43	Windless Bight	1983/1/1	2021/12/31	39	33.01	51.27	45.46	47.34	45.25
44	Linda	1991/1/1	2021/12/31	31	58.86	44.2	51.17	64.48	65.1
45	Martha I	1984/1/1	1987/12/31	4	23.92	31.82	28.66	9.7	0
46	Ferrell	1980/12/1	2021/12/31	42	67.83	86.37	66.86	76.85	59.41
47	Lorne	2007/1/1	2021/12/31	15	54.85	60.19	54.83	63.44	55.53
48	Prospect Point	2014/5/4	2021/12/31	8	84.05	99.49	76.26	89.25	99.53
49	Ferrell II	2011/2/1	2014/7/31	4	31.6	38.11	30.82	34.06	38.11
50	Eric	2005/1/1	2014/9/30	10	58.94	74.38	74.88	81.7	81.06
51	Vernadsky Station	2009/4/1	2017/2/18	9	84.78	94.58	74.94	88.71	94.59
52	AM02	2001/1/10	2007/12/23	7	0	64.28	58.61	0	3
53	Meeley	1980/12/1	1985/12/31	6	57.27	72.16	49.93	62.43	0
54	aws14	2009/1/1	2015/12/31	7	66	85.14	78.56	80.55	66.52
55	aws15	2009/1/1	2014/12/31	6	68.91	61.53	80.57	83.62	69.96
56	aws17	2011/1/1	2016/3/10	6	77.53	96.68	85.11	72.44	84.97
57	AWS19	2014/12/10	2016/2/3	3	82.87	99.73	87.53	0	99.58
58	Vito	2004/2/1	2021/12/31	18	73.59	85.92	78.08	82.33	89.7
59	Carolyn	2005/2/1	2014/11/30	10	49.17	62.69	47.05	49.04	59.59
60	Eder	1999/8/9	2000/10/19	2	59.22	58.7	40.47	49.6	50.63
61	Emilia	2004/2/1	2021/12/31	18	62.61	27.43	64.88	69.54	80.33

62	Halley Bay	1990/3/1	1990/11/30	1	67.68	77.14	32.18	35.68	0
63	Gill	1985/1/1	2021/12/31	37	71.53	88.24	62.14	63.54	20.77
64	South Georgia 3	2014/10/13	2019/4/26	6	77.44	88.49	90.14	98.56	86.69
65	Schwerdtfeger	1985/1/1	2021/12/31	37	65.97	86.72	79.02	84.33	19.88
66	Alexander (TT!)	2011/2/1	2013/2/28	3	41.12	47.96	42.72	47.73	47.96
67	Gould Knoll	2019/1/14	2020/1/7	2	22.7	23.64	0	0	18.91
68	Mary	2005/2/1	2012/1/31	8	73.69	96.14	80.01	96.17	96.3
69	Elaine	1986/1/1	2020/11/30	35	54.77	37.79	44.91	50.93	68.38
70	Marilyn	1984/1/1	2021/8/31	38	67.15	86.92	63.68	64.89	51.21
71	Fossil Bluff	2008/11/1	2011/12/31	4	78.45	98.75	75.93	88.17	98.17
72	Backer Island	2011/12/27	2016/12/19	6	75.82	82.97	57.4	74.07	82.99
73	AM01	2002/2/12	2006/12/6	5	0	60.91	36.04	20.8	0
74	Manning	1980/12/1	1986/1/31	7	70.84	97.09	71.49	82.67	0
75	Margaret	2008/11/1	2021/12/31	14	76.63	99.74	78.7	80.75	99.7
76	AWS18	2014/11/25	2018/12/31	5	70.03	99.93	89.36	0	99.16
77	Emma	2014/12/1	2021/12/31	8	81.73	99.69	85.55	97.95	76.85
78	Duthiers Point	2009/4/3	2014/11/1	6	90.63	98.51	77.56	96.99	98.52
79	Manuela	1984/1/1	2021/12/31	38	83.09	88.13	30.63	51.38	33.77
80	Tom	2011/1/1	2014/1/31	4	68.29	83.48	68.44	82.39	83.34
81	Marlene	2011/1/1	2014/11/30	4	82.5	97.05	87.28	95.59	97.05
82	AmeryG3	1999/2/4	2021/12/31	23	53.62	89.07	34	31.72	87.14
83	Robertson Island	2010/2/7	2021/12/31	12	63.11	70.6	16.77	24.62	70.6
84	South Georgia 1	2014/10/5	2017/5/4	4	84.86	95.15	65.31	89.62	94.88
85	Sabrina	2009/2/1	2021/12/31	13	82.6	94.85	78	92.12	83.87
86	Butler Island	1986/3/1	2011/12/31	26	77	86.68	57.01	62.66	18.92
87	Eneide	1987/1/1	2021/11/3	35	88.75	94.73	26.47	87.29	89.28
88	Deverall Island	2009/1/29	2018/2/11	10	73.56	95.92	78.43	93.51	95.92
89	Cape Framnes	2010/2/18	2021/12/31	12	67.72	76.93	52.69	73.61	76.94
90	Marble Point	1980/2/1	2021/12/31	42	85.79	96.26	78.82	90.79	0
91	Marble Point II	2011/12/1	2021/12/31	11	83.9	93.61	80.84	93.36	92.17
92	Foyt Point	2010/2/7	2015/7/31	6	61.57	74.74	61.3	71.6	74.74
93	Apfel	2000/1/5	2001/7/17	2	59.64	63.33	0	41.09	46.83

94	Arelis	1990/1/1	2021/12/2	32	93.41	97.37	25.88	90.21	52.34
95	Lepley Nunatak	2011/12/14	2020/2/9	10	80.83	84.75	35.14	45.42	84.74
96	Alessandra	1987/1/1	2021/11/5	35	83.04	91.56	48.57	83.3	89
97	Evans Knoll	2011/1/1	2019/1/31	9	72.79	73.01	53.41	30.19	84.74
98	Franklin Island	2011/1/28	2015/2/8	5	93.92	98.69	38.15	49.19	98.69
99	Fogle	1984/1/1	1985/1/31	2	76.95	86.71	56.64	84.57	9.92
100	Jimmy	1981/12/1	1990/4/30	10	38.89	42.84	34.64	40.71	10.94
101	Latady	2005/1/7	2006/1/31	2	32.12	99.36	70.1	83.72	35.06
102	South Georgia 2	2014/10/8	2014/12/31	1	97.35	98.82	42.06	67.94	98.97
103	Thurston Island	2011/1/1	2021/12/31	11	91.07	99.37	26.93	46.9	85.02
104	Mount Siple	1992/2/1	2021/8/31	30	44.64	38.93	0	0	0
105	D-10	1980/1/8	2021/12/31	42	57.62	66.22	47.55	59.34	26.65
106	Whitlock	1982/1/1	2021/12/31	40	64.05	65.26	42.85	50.56	42.32
107	Rita	1993/1/1	2021/12/6	29	84.42	91.11	19.17	82.2	83.99
108	Fallone Nunataks	2009/12/22	2019/7/21	11	82.65	91.14	69.99	88.89	91.15
109	Ranvik	2000/2/4	2002/1/18	3	59.11	60.96	0	57.8	60.86
110	King Edwaed Pt	2013/2/9	2021/12/31	9	78.14	88.64	62.49	82.58	88.67
111	Maria	1997/1/1	2021/10/31	25	65.22	63.66	23.95	65.32	53.5
112	aws05	1998/1/1	2014/12/31	17	78.64	93.18	85.18	73.73	86.93
113	Mulock	2006/10/1	2011/1/31	6	59.73	66.64	34.05	52.89	65.99
114	Lanyon	1991/2/22	2008/4/24	18	57.93	26.95	18.94	25.53	62.59
115	Dolleman Island	1986/2/1	1988/12/31	3	82.51	93.37	39.74	25.73	0
116	Bear Peninsula	2011/1/1	2021/12/31	11	73.12	76.64	30.41	50.99	67.76
117	Rumdoodle	2000/2/1	2001/12/26	2	62.27	64.73	0	62.12	64.8
118	D-17	1980/1/1	1980/6/30	1	79.05	81.73	68.27	79.53	0
119	Brianna	1994/11/1	2015/12/31	22	48.04	42.92	40.79	43.48	28.35
120	Buckle Island	1987/1/1	1988/7/31	2	54.61	81.27	6.79	8	0
121	Elizabeth	1996/2/1	2021/12/31	26	50.75	61.28	49.75	52.04	61.27
122	Mount Paterson	2008/12/26	2017/12/2	10	48.17	53.66	36.68	48.94	53.66
123	J.C.	1994/11/1	1997/7/31	4	51.95	55.96	29.62	35.79	55.84
124	Silvia	1990/1/1	2021/11/4	32	79.68	82.76	22.17	68.79	67.53
125	Flask Glacier	2010/2/6	2014/7/12	5	69.13	91.83	60.66	77.22	91.85

126	Leppard Glacier	2010/2/13	2013/5/22	4	60.12	76.24	56.87	72.45	76.19
127	Tombstone Hill	2014/12/7	2021/12/31	8	87.85	99.12	61.96	84.67	99.13
128	BrownGl	2000/11/1	2002/8/31	3	45.65	0	1.49	1.55	44.32
129	Siple Dome	1997/1/1	2021/12/31	25	66.49	40.01	43.52	46.37	39.71
130	Inman Nunatak	2013/1/8	2019/12/21	7	69.66	75	35.22	44.59	75.02
131	White Island	1998/12/1	2021/12/31	24	30.09	31.05	15.3	26.87	30.14
132	aws11	2007/1/1	2019/1/30	13	80.65	89.41	77.07	54.72	49.85
133	Wilson Nunatak	2010/1/13	2019/12/17	10	89.7	92.41	60.92	77.36	92.41
134	Uranus Glacier	1986/3/1	2003/2/28	18	59.08	70.89	40.5	55.03	0
135	Rambo Nunatak	2014/1/6	2019/12/26	6	77.08	79.28	59.69	68.82	79.28
136	Sutton	1994/12/1	2000/12/31	7	56.85	59.76	20.74	25.55	61.03
137	Zoraida	1987/1/1	2021/11/1	35	73.41	46.65	18.79	56.77	49.43
138	aws10	1995/1/1	2005/12/31	11	51.04	58.86	32.36	43.63	14.5
139	Bean Peaks	2010/1/7	2010/7/28	1	81.16	98.21	54.43	71.86	98.28
140	Minna Bluff	1991/1/1	2020/8/31	30	72.41	81.76	39.04	56.35	48.62
141	Hutton Mountains	2010/1/5	2010/6/4	1	85.02	98.18	59.27	74.25	98.18
142	Harry	1994/11/1	2021/12/31	28	73.66	75.5	63.68	66.45	48.87
143	Swithinbank	1997/1/1	2011/1/31	15	43.17	34.5	46.37	49.81	34.56
144	Cordiner Peak	2010/1/14	2014/8/20	5	78.68	85.91	70.42	84.04	85.91
145	Mount Carbone	2010/1/6	2014/9/11	5	43.49	59.17	32.6	42.84	48.23
146	Erin	1994/11/1	2021/12/31	28	72.25	42.36	57.1	63.55	41.11
147	Lower Thwaites Glacier	2009/12/12	2021/3/8	13	71.17	80.36	58.66	64.53	80.36
148	Clarke Mountains	2010/1/4	2021/12/31	12	69.87	78.73	59.23	75.24	78.7
149	Siple	1982/1/1	1992/4/30	11	57.3	69.26	56.22	59.4	0
150	Traverse Mountains	2009/12/22	2010/7/24	2	90.64	98.84	61.74	76.92	98.84
151	Mount Suggs	2010/1/18	2019/1/31	10	73	84.54	15.39	19.6	84.55
152	aws06	1998/1/1	2009/12/31	12	75.89	92.29	86.9	67.56	86.48
153	Lyon Nunatak	2009/12/31	2014/12/31	6	16.74	20.74	15.48	18.72	20.68
154	Whichaway_Nunata	2014/1/17	2019/12/12	6	89.3	91.56	57.22	69.1	91.56
155	Haag Nunatak	2010/1/16	2019/12/26	10	57.5	63.28	33.61	42.17	63.28
156	Toney Mountain	2012/12/3	2019/12/19	8	70.16	73.96	13.87	20.05	73.96

157	Shristi	1988/1/1	1992/9/30	5	66.51	76.59	27.64	27.55	57.51
158	Recovery Glacier	1994/1/1	1995/12/31	2	31.59	34.57	22.07	23.32	0
159	Lucia	2008/12/11	2021/12/14	14	65.57	33.94	34.71	71.05	63.04
160	Pirrot Hills	2013/12/30	2019/12/26	7	80.24	85	61.59	81.36	85
161	Austin	2015/12/1	2021/10/31	7	57.46	67.28	54.38	57.46	67.12
162	aws16	2009/1/1	2016/12/31	8	69.69	74.95	75.62	81.43	72.87
163	Up Thwaites Glacier	2010/1/15	2020/5/7	11	71.51	86.63	51.52	55.8	86.63
164	Panda100	2019/2/8	2021/7/10	3	91.83	99.83	92.55	99.77	99.79
165	Jurassic	2005/2/7	2012/11/1	8	27.53	34.94	20.11	30.44	34.84
166	Jensen Nunatak	2009/12/30	2010/12/31	2	78.07	80.35	12.02	14.24	80.35
167	DSS	1997/12/20	2005/3/2	9	60.87	68.89	38.24	25.93	67.57
168	LawDome	1986/4/17	1998/7/2	13	56.33	37.62	25.74	34.82	1.01
169	Ferrigno	2009/12/20	2010/12/20	2	84.15	99.76	43.65	91.87	99.66
170	Ski-Hi	1994/2/1	1998/11/30	5	62.84	86.44	65.23	83.8	0
171	Gomez	2005/1/31	2006/7/21	2	87.31	99.7	89.22	97.58	99.3
172	Gomez Nunatak	2010/1/8	2010/12/31	1	90.99	98.6	55.9	69.27	98.64
173	Doug	1994/11/1	2001/10/31	8	60.22	58.66	57.26	61.92	30.53
174	Bennett Nunatak	2010/12/15	2018/1/4	9	89.64	98.88	67.43	92.84	98.88
175	Sushila	1988/1/1	1991/9/30	4	53.99	16.8	58.48	59.62	0
176	Theresa	1994/11/1	2021/12/31	28	83.09	87.8	80.88	87.22	87.77
177	Howard Nunatak	2010/1/15	2021/12/31	12	87.79	99.05	72.51	89.09	99.05
178	Sky Blu	1999/2/1	2012/11/30	14	43.54	49.17	40.65	48.56	26.82
179	Mount Bruce	2015/1/1	2021/12/31	7	88.16	96.5	44.34	59.17	96.53
180	Pecora Escarpment	2010/1/15	2019/12/26	10	71.75	73.07	25.93	29.54	73.07
181	Sandra	1988/1/1	1995/8/31	8	58.68	68.67	57.95	64.67	0
182	Welch Mountains	2010/1/10	2014/12/31	5	25.69	29.77	21.35	27.99	29.77
183	Byrd	1980/1/1	2021/12/31	42	62.11	78.78	58.05	60.18	23.71
184	AGO Site	1991/1/1	1992/12/31	2	74.18	95.96	36.71	39.3	0
185	Sofiab	2002/1/1	2021/11/8	20	64.58	70.95	14.6	43.57	70.27
186	Lonewolf Nunatak	2008/12/4	2018/2/7	11	67.24	71.79	34.24	45.22	71.79
187	D-47	1983/1/1	2021/12/31	39	43.12	58.56	55.01	54.1	27.84
188	Steward Hills	2014/1/8	2019/12/16	6	95.42	96.7	54.67	59.01	96.7

189	Kathie	2016/1/1	2021/12/31	6	82.69	99.17	71.96	74.65	99.17
190	Lola	1990/1/1	2021/12/16	32	88.68	93.58	25.81	82.17	40.76
191	A028	1985/4/12	2005/7/30	21	22.07	35.14	27.49	28.2	19.84
192	Asgard	1980/2/1	1982/12/31	3	83.69	97.22	54.78	77.12	0
193	Lynn	1988/1/1	1998/1/31	11	62.34	75.65	47.54	54.28	57
194	Kominko-Slade	2007/4/1	2019/12/31	13	58.68	72.9	51.52	55.97	72.9
195	LGB00	1982/1/5	2009/8/7	28	35.33	46.29	32.07	37.13	0
196	Noel	2000/1/1	2000/7/31	1	72.18	85.39	62.32	73.59	45.54
197	Mount Walcott	2014/1/3	2019/12/26	6	68.63	70.55	33.72	37.41	70.55
198	LGB69	2002/1/22	2008/8/20	7	72.05	78.83	39.92	46.17	78.34
199	Mt.Fleming	2008/1/1	2011/1/31	4	67.93	73.39	57.45	71.21	73.38
200	Modesta	1989/1/1	2021/11/11	33	42.9	81.92	39.31	66.36	53.96
201	Kohler Glacier	2010/1/24	2019/9/4	10	65.59	76.64	36.3	39.12	76.64
202	Panda200	2016/12/16	2021/7/10	6	89.09	99.8	96.31	98.52	99.19
203	Monte Cassino	2014/12/17	2021/12/31	8	88.1	97.56	72.8	86.34	97.56
204	Baldrick	2008/1/1	2021/12/31	14	38.32	90.18	84.63	85.23	91.66
205	Butcher Ridge	2008/12/9	2021/12/31	14	75.01	93.33	53.15	66.79	93.33
206	MtBrown	1998/12/23	2011/10/9	14	28.5	66.94	40.75	37.31	8.19
207	Janet	2011/1/1	2021/12/31	11	66.61	89.6	67.61	74.79	89.6
208	Bowers	1986/1/1	1986/8/31	1	32.15	35.39	29.27	33.8	35.44
209	Irene	2001/1/1	2015/3/23	15	41.31	55.07	32.71	42.5	58.22
210	AGO-A84	1996/1/1	1998/11/30	3	21.12	21.5	12.84	12.96	0
211	D-57	1981/1/1	2000/1/31	20	23.71	28.17	25.79	26.98	6.66
212	GF08	1986/10/28	2007/12/31	22	54.13	59.76	30.32	31.79	1.54
213	Mount Sidley	2010/1/9	2020/12/25	11	77.94	92.85	68.68	86.96	88.83
214	Brimstone Peak	2008/12/11	2018/2/6	11	87.3	97.94	64.65	87.08	97.94
215	Westhaven Nunatak	2008/12/9	2017/1/2	10	68.79	83.05	34.51	41.05	83.05
216	Mizuho	2000/10/1	2021/12/31	22	40.61	96.74	87.37	91.22	0
217	LGB35	1993/12/21	2008/7/1	16	76.2	83.48	48.46	77.28	0
218	Panda300	2019/12/13	2021/7/10	3	81.12	97.31	95.94	96.53	97.4
219	LGB46	1994/1/7	1997/5/6	4	64.86	76.7	49.26	70.26	0
220	Paola	2003/1/1	2020/12/31	18	36.4	30.2	25.84	33.85	52.82

221	Whitmore Mountains	2010/1/20	2019/12/22	10	84.2	90.69	27.05	36.51	90.69
222	aws08	1998/1/1	2003/12/31	6	58.34	82.98	78.88	32.47	72.89
223	Mount Howe	1992/1/1	2020/2/14	29	32.46	29.41	10.46	12.5	29.41
224	AGO-A81	1993/1/1	1993/12/31	1	59.9	65.24	64.55	64.62	0
225	Recovery Lakes 2	2009/1/27	2012/3/19	4	59.8	91.19	35.92	36.8	91.19
226	E-66	2008/1/1	2011/11/30	4	48.96	63.2	60.45	62.76	22.12
227	D-80	1983/1/1	1996/3/31	14	34.5	44.46	42.76	43.38	0
228	Giulia	1997/1/1	2019/1/30	23	48.4	49.4	36.92	38.57	60.11
229	LGB59	1994/1/25	2004/6/28	11	64.27	72.69	45.93	69.49	0
230	Panda400	2019/12/14	2021/7/10	3	83.78	99.59	98.93	97.59	99.76
231	Panda	2008/1/1	2021/12/31	14	54.46	60.9	19.53	53.6	61.69
232	LGB10	1990/1/1	2006/5/8	17	35.54	56.52	29.06	49.54	0
233	Taishan	2012/12/24	2021/7/10	10	85.99	98.52	98.84	96.21	99.85
234	Bumstead Nunatak	2014/1/28	2019/12/21	6	92.36	95.17	12.2	12.83	95.17
235	D-85	2008/12/1	2021/12/31	14	40.85	60.39	57.18	58.48	3.45
236	Recovery Lakes 1	2009/1/10	2011/6/3	3	60.3	85.8	24.46	24.94	85.8
237	AuroraBN	2014/9/25	2021/12/31	8	65.58	92.26	44.2	40.45	0
238	LGB20	1991/1/18	2004/9/1	14	45.34	3.57	47.69	64.67	0
239	Henry	1993/1/1	2021/12/31	29	75.3	81.67	61.17	79.34	66.32
240	GC41	1984/10/29	2005/12/30	22	19.47	65.28	33.93	39.65	0
241	Eagle	2005/1/27	2021/12/31	17	42.14	94.1	18.12	50.7	93.71
242	Allison	1986/1/1	1987/7/31	2	45.84	28.88	41.92	41.85	2.58
243	Clean Air	1986/1/1	2005/1/31	20	79.02	76.48	86.43	87.02	45.85
244	Patrick	1986/1/1	1987/6/30	2	83.33	62.61	84.36	83.97	62.64
245	aws09	1997/1/1	2018/12/31	22	59.31	90.71	86.33	75.48	63.84
246	Lindsay	1993/1/1	1994/1/31	2	77.65	88.76	82.58	83.3	89.58
247	Kelly	1993/1/1	1993/12/31	1	39.73	0	44.01	44.62	46.1
248	Nico	1993/1/1	2021/12/31	29	78.19	86.08	79.16	74.48	86.05
249	Concordia	2005/1/1	2021/12/31	17	59.73	92.14	66.37	74.39	86.8
250	Dome C II	1995/12/1	2021/12/31	27	54.83	92.28	89.86	91.32	0
251	Dome C	1980/2/1	1996/1/31	17	50.98	90.29	82.52	80.67	0
252	Relay Station	1995/2/1	2021/12/31	27	60.79	83.72	78.89	79.57	44.27

253	AGO-5	2020/1/1	2020/8/31	1	68.24	84.17	82.68	82.84	0
254	AGO-4	2013/1/1	2021/12/31	9	89.84	99.46	97.38	97.58	80.93
255	aws12	2007/1/1	2016/12/31	10	43.9	0	73.69	79.41	73.44
256	JASE2007	2008/1/1	2021/12/31	14	53.82	86.95	72.14	73.74	0
257	Mt.Erebus	1990/1/1	1990/10/31	1	51.6	92.8	16.86	28.87	92.97
258	aws13	2008/1/1	2016/12/31	9	66.98	0	2.01	9.6	51.89
259	Panda1100	2017/1/1	2021/7/10	5	86.22	99.84	84.34	91.55	99.91
260	Dome F	1996/2/1	2021/3/31	26	35.72	57.71	40.16	43.33	0
261	Dome Fuji	1995/2/1	2021/12/31	27	10.82	10.79	13.93	14	0
262	Panda_South	2008/1/14	2021/12/31	14	16.2	23.95	23.21	23.47	24.19
263	Dome_A	2005/1/17	2021/12/31	17	64.6	72.18	47.82	31.42	91.53
264	Kunlun	2017/1/6	2021/7/10	5	70.14	96.95	58.64	80.15	97.17
265	AWS_A	2015/1/1	2015/12/31	1	76.27	0	50.79	93.9	0
266	AWS_B	2015/1/1	2015/12/31	1	73.73	0	44.97	84.97	0
267	Wormold	2005/1/5	2006/2/27	2	85.11	99.64	66.97	95.79	95.26