Antarctic Automatic Weather Station Data

for the calendar year

1982

by

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October 1985

Acknowledgements

Professor Werner Schwerdtfeger of the University of Wisconsin, Professor Robert Renard of the Naval Postgraduate School, and Dr. Benson Fogle of the National Science Foundation were instrumental in the formulation of the Automatic Weather Station (AWS) program. Original AWS were developed by members of the Radioscience Laboratory, Stanford University under the direction of Dr. Allen M. Peterson, with contributions from M. Sites, C. Teague, F. Orabona, K. Chen, B. Kline, R. Flint and W. Crosby.

The AWS units in the Ross Island area were deployed for 1982 by W. Thompson, Naval Postgraduate School, and C. Stearns and M. Savage of the University of Wisconsin. The AWS unit at Siple was installed by Bill Trabuko of Stanford University. The AWS unit on Franklin Island was installed by Lt. John Whitlock of the Naval Support Force Antarctica. These individuals and the numerous members of the U.S. Antarctic Research Program who assisted in this effort are gratefully acknowledged.

Funding for the AWS program has been provided by the United States National Science Foundation, Division of Polar Programs, Grants DPP 79-25040 and DPP 83-06265.

Cover: Locations of the Automatic Weather Stations operating in Antarctica during 1982.

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I. Introduction

Automatic Weather Stations (AWS) provide surface weather observations at a number of locations in Antarctica. Data consist of air temperature (degrees Celsius), wind speed (meters per second), and wind direction (true degrees) at approximately three meters above the surface. Data are telemetered via polar-orbiting satellite to McMurdo, Antarctica, and to New Zealand, Australia, and the United States. Data storage design and the geometry of the satellite orbit result in 50 minutes of data at ten minute intervals for each 100 minute orbit of the satellite, yielding between 70 and 144 observations per station per day depending on the number of operational satellites.

Data have been selected at three-hourly intervals (plus or minus one hour) to produce a one page monthly summary for each station. Maximum and minimum values have been selected from the complete data set. It is likely that the AWS underestimate the true maximum winds due to discrete sampling.

Data and further information concerning the AWS program may be obtained by contacting:

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II. Locations and Deployment Summary

New Installations

AWS ID	Location or Name	Lat. (deg)	Long. (deg)	Elev. (m)	Start	Stop	Notes
8909	Siple	75.90 S	84.00 W	1054	01 Jan 82		
8913	Whitlock	76.10 S	168.30 E	274	23 Jan 82		
8914	D-47	67.38 S	138.72 E	1560	24 Nov 82	13 Dec 82	1

Continuing Stations

AWS ID	Location or Name	Lat. (deg)	Long. (deg)	Elev. (m)	Start	Stop	Notes
8900	D-10	66.70 S	139.80 E	240	23 Feb 82	18 Oct 82	1
8903	Byrd	80.00 S	120.00 W	1530	05 Feb 80		
8904	Dome C	74.50 S	123.00 E	3280	05 Feb 80	31 Dec 82	2
8905	Manning	78.77 S	166.85 E	66	01 Dec 80		3
8906	Marble Point	77.43 S	163.75 E	121	05 Feb 80		
8907	Ferrell	78.02 S	170.80 E	44	10 Dec 80		
8908	Asgard	77.60 S	160.10 E	1750	05 Feb 80	31 Dec 82	4
8910	Laurie	77.55 S	170.09 E	23	15 Dec 81	17 Apr 82	5
8911	Jimmy	77.80 S	166.70 E	202	05 Dec 81	31 Dec 82	6
8915	Meeley	78.52 S	170.18 E	49	04 Dec 80		
8916	D-57	68.18 S	137.52 E	2103	16 Jan 81		7

1. Failed due to bad antenna.
2. Failed due to bad ROM chip.
3. Repeated freeze-up of wind speed sensor during periods of light winds.
4. Removed for reinstallation at Nancy.
5. Failed due to bad multiplexer chip and low batteries.
6. Out of operation Jul - Oct 82 due to low batteries. Removed for reinstallation at Laurie.
7. Intermittent operation throughout the year.

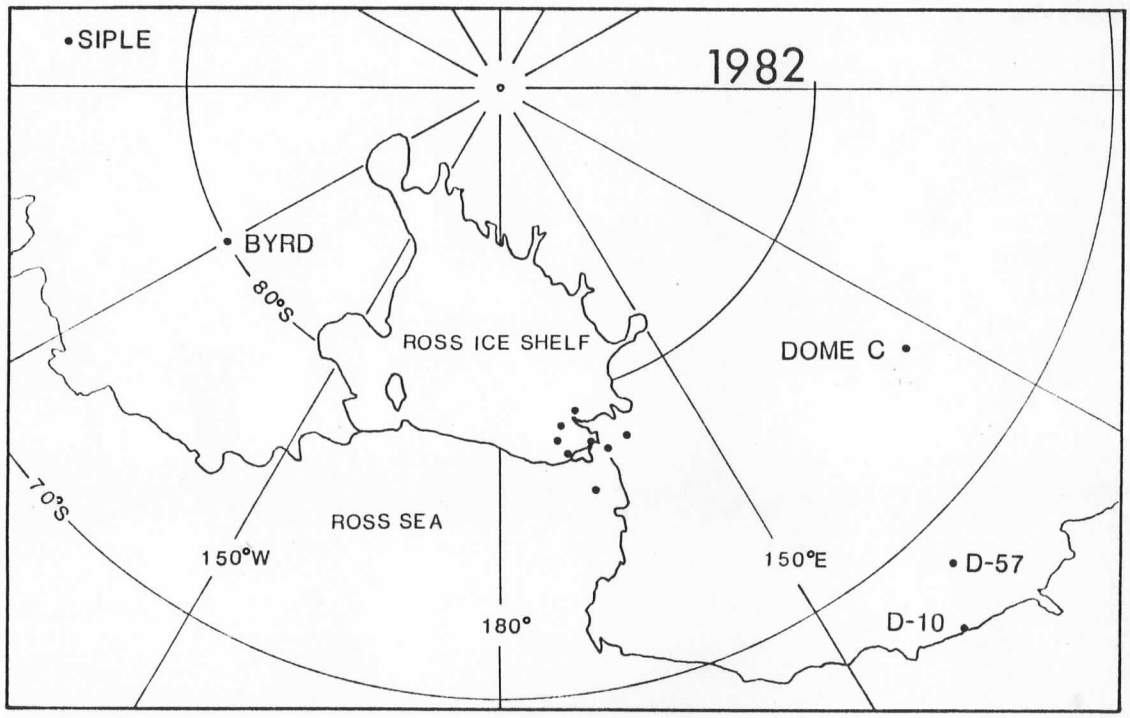

Fig. 1. Pacific sector of Antarctica. AWS units are at Siple (8909), Byrd (8903), Dome C (8904), D-10 (8900), and D-57 (8916). The AWS units deployed in the Ross Island area are shown in Fig. 2.

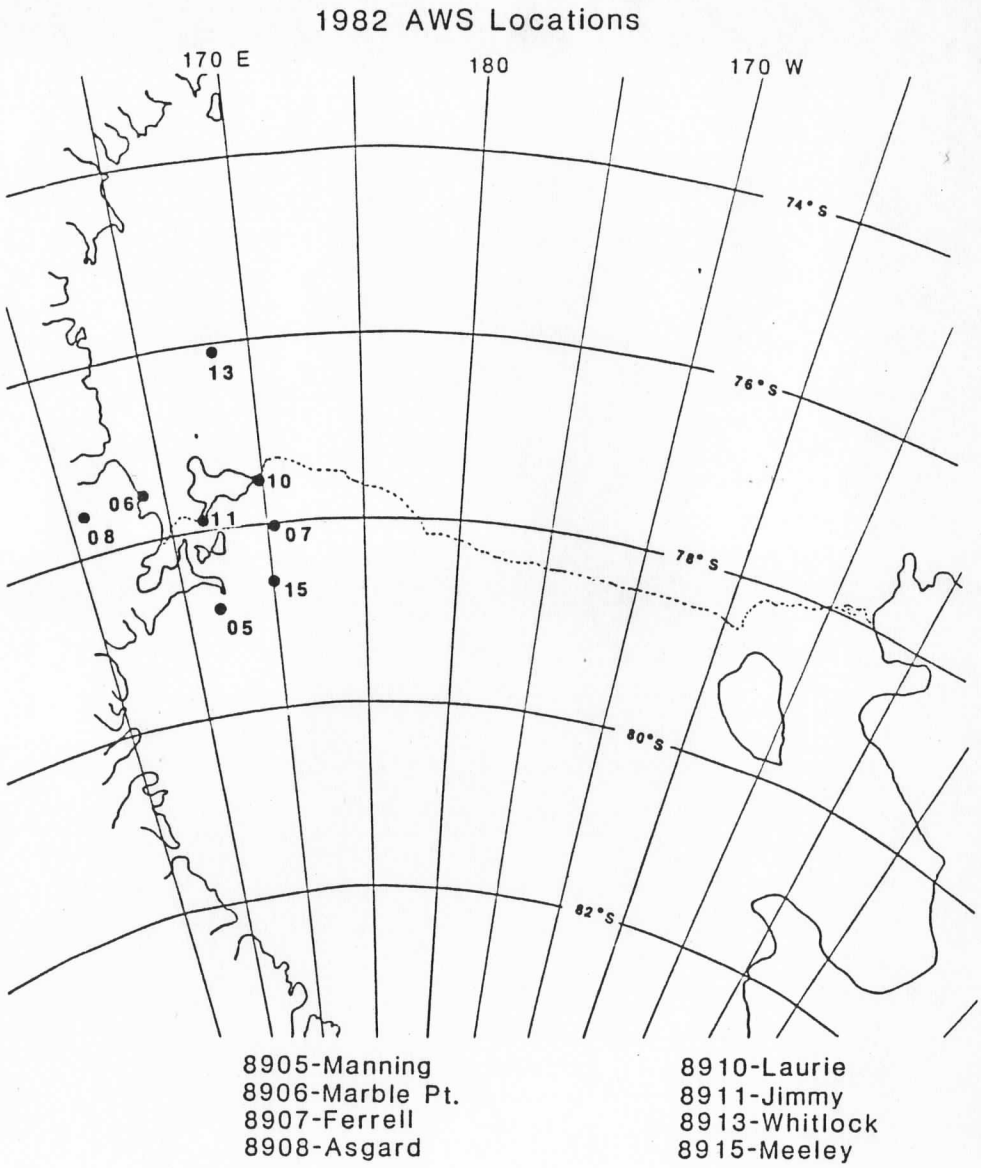

Fig. 2. Ross Island area of Antarctica. The last two digits of the AWS identification number are by the site. Since the AWS unit may be moved from one site to another the sites are named.

III. 1982 - MONTHLY CLIMATE SUMMARY

Mon	Mean Air Temp (C)	Max Air Temp (C)	Min Air Temp (C)	Mean Wind Speed (m/s)	Resultant Wind Direction (dg true)	Con	Maximum Wind Speed (dir/vv)	Mean Air Press (mb)	Max Air Press (mb)	Min Air Press (mb)
D-10 (8900)					240 M			66.70 S	139.80 E	
Jan										
Feb										
Mar	-13.1	-4.4	-24.9	9.1	169	.91	165/32	945.5	964.5	901.6
Apr	-17.5	-8.1	-28.4	11.8	170	.95	159/31	946.1	970.3	922.8
May	-13.5	-4.9	-27.9	10.2	161	.93	165/31	953.8	970.2	934.1
Jun	-14.2	-2.1	-27.0	7.3	167	.79	167/25	956.9	981.4	936.0
Jul	-17.1	-3.5	-28.9	9.2	176	.89	190/30	963.3	997.8	925.7
Aug	-24.8	-14.5	-32.9	7.9	166	.93	143/25	943.1	959.0	928.5
Sep	-19.9	-7.5	-31.5	8.8	172	.94	141/29	939.9	964.9	916.3
Oct										
Nov										
Dec										
Byrd (8903)					1530 M			80.00 S	120.00 E	
Jan	-13.7	-2.1	-27.2	4.5	346	.67	260/13	821.4	829.5	815.6
Feb	-20.0	-9.5	-37.4	5.3	360	.87	360/15	814.0	827.5	803.2
Mar	-29.9	-9.2	-42.7	7.5	005	.97	015/16	804.0	826.1	789.7
Apr	-38.8	-18.2	-52.8	7.9	021	.88	060/24	798.9	818.3	775.6
May	-36.1	-10.5	-56.8	7.2	005	.91	015/24	804.8	826.6	774.8
Jun	-30.4	-13.8	-50.5	9.6	009	.87	360/29	804.1	822.7	787.1
Jul	-36.6	-14.1	-61.2	8.6	004	.88	360/19	808.0	829.9	792.8
Aug	-31.9	-15.9	-57.2	10.4	006	.91	015/25	801.5	817.1	785.4
Sep	-36.3	-13.1	-57.6	9.5	016	.92	008/26	797.1	815.5	777.1
Oct	-30.1	-14.1	-46.3	7.4	011	.88	048/22	801.7	821.9	782.2
Nov	-21.7	-8.8	-42.3	6.5	012	.87	025/24	812.4	827.1	793.8
Dec	-13.1	-5.1	-22.0	5.4	003	.67	030/14	824.3	839.0	804.3
Avg	-28.2	-11.2	-46.2	7.5	008	.86		807.7	833.4	790.1
S.D.	8.9	4.6	12.4	1.8		.09		8.7	6.5	12.6
Max	-13.1	-2.1	-22.0	10.4	021	.97	360/29	824.3	839.0	815.6
Min	-36.6	-15.9	-61.2	4.5	346	.67	260/13	797.1	815.5	774.8

* Con = vector avg speed/scaler avg speed

Mon	Mean Air Temp (C)	Max Air Temp (C)	Min Air Temp (C)	Mean Wind Speed (m/s)	Resultant Wind Direction (dg true)	Con	Maximum Wind Speed (dir/vv)	Mean Air Press (mb)	Max Air Press (mb)	Min Air Press (mb)
1982										
Dome C (8904)					3280 M			74.50 S	123.00 E	
Jan	-32.4	-9.5	-45.4	2.7	204	.46	215/08	653.7	662.9	647.7
Feb	-40.6	-25.9	-64.9	2.3	193	.48	204/08	648.1	659.7	636.2
Mar	-56.8	-33.7	-72.7	3.1	260	.13	318/11	631.5	643.1	616.8
Apr	-63.7	-40.9	-73.4	2.9	198	.52	240/10	633.1	650.7	617.2
May[1]	-60.3	-42.2	-82.2	2.0	327	.08	080/08	642.4	656.7	625.4
Jun[2]	-59.6	-30.7	-76.4	2.7	307	.51	359/12	637.1	654.6	618.7
Jul	-58.9	-27.9	-78.9	3.2	234	.29	056/11	644.6	669.3	623.9
Aug	-68.2	-53.6	-84.6	2.5	175	.73	122/08	627.7	642.9	610.7
Sep	-63.9	-47.7	-80.5	2.1	144	.55	129/14	626.2	637.7	615.5
Oct	-52.8	-24.7	-72.7	2.7	249	.42	307/09	639.3	658.3	623.1
Nov	-37.1	-20.6	-54.2	4.7	169	.66	193/13	648.8	658.8	630.1
Dec	-29.6	-15.2	-45.2	4.1	182	.42	117/15	659.2	669.6	647.1
Avg	-52.0	-31.0	-69.3					641.0	655.3	626.0
S.D.	13.4	13.2	13.8					10.4	10.2	12.1
Max	-29.6	-9.5	-45.2				129/14	659.2	669.6	647.7
Min	-68.2	-53.6	-84.6				/08	626.2	637.7	610.7
Manning (8905)					66 M			78.77 S	166.85 E	
Jan	-6.3	1.5	-17.6	3.7	264	.71	248/12	986.7	1000.8	977.8
Feb	-14.0	-2.2	-36.7	3.4	261	.66	253/12	983.7	991.6	971.8
Mar	-29.5	-17.4	-44.6		273	.65	252/20	975.7	995.1	960.5
Apr	-32.1	-11.1	-52.2		248	.79	236/22	977.8	990.9	953.1
May	-33.7	-14.9	-51.1		253	.58	256/21	984.0	1003.0	952.7
Jun	-32.8	-11.1	-56.6				221/23	978.0	995.2	955.2
Jul	-35.9	-22.6						986.3	1019.8	960.8
Aug[3]	-30.0	-14.7	-55.1	6.3	253	.83	248/18	974.1	993.3	953.8
Sep	-34.4	-12.6	-52.0	4.1	275	.71	259/15	974.1	997.7	950.2
Oct	-25.7	-11.1	-42.4				242/19	977.6	999.1	954.3
Nov	-13.4	-3.6	-29.2	5.5	251	.79	249/17	982.3	995.8	958.6
Dec	-5.2	3.6	-13.5	4.4	254	.72	243/13	990.9	1002.8	972.9
Avg	-24.4	-9.7	-42.3					980.0	998.9	960.1
S.D.	-11.4	7.9	15.0					5.5	7.7	9.1
Max	-5.2	3.6	-13.5					990.0	1019.8	977.8
Min	-35.9	-22.6	-56.6					974.1	990.9	950.2

1. aerovane frozen from 14/1500Z to 18/1500Z
2. aerovane frozen all day
3. aerovane frozen 1-3 Aug (63 hrs)

Mon	Mean Air Temp (C)	Max Air Temp (C)	Min Air Temp (C)	Mean Wind Speed (m/s)	Resultant Wind Direction (dg true)	Con	Maximum Wind Speed (dir/vv)	Mean Air Press (mb)	Max Air Press (mb)	Min Air Press (mb)
1982										
Marble Point (8906)					121 M			77.43 S	163.75 E	
Jan	-3.6	2.5	-10.2	3.4	155	.38	138/13	980.4	995.0	971.4
Feb	-8.5	1.1	-18.9	4.1	173	.76	145/15	976.3	984.5	966.5
Mar[1]	-19.7	-12.6	-27.9	4.3	188	.82	166/24	967.3	985.3	952.4
Apr	-23.7	-6.7	-35.0	3.0	202	.73	136/18	969.7	981.0	943.8
May[2]	-24.5	-6.3	-34.5	3.1	203	.66	228/19	976.0	995.1	944.8
Jun	-26.0	-6.9	-41.6	3.3	199	.63	188/18	969.7	988.3	947.9
Jul[3]	-28.6	-13.5	-41.6	2.5	214	.53	217/29	978.7	1011.5	954.1
Aug	-23.9	-8.8	-39.7	3.4	192	.70	221/21	965.4	985.5	947.0
Sep	-27.2	-13.1	-40.9	2.8	189	.84	170/17	965.7	988.1	942.3
Oct	-19.9	-5.4	-31.4	3.5	210	.66	271/16	969.8	986.1	946.8
Nov	-8.8	-.1	-20.0	4.7	173	.69	181/16	974.4	987.1	952.0
Dec	-2.0	4.0	-8.8	4.9	157	.51	149/23	984.4	997.4	967.8
Avg	-18.0	-5.5	-28.9	3.6	185	.66		973.1	990.4	953.1
S.D.	9.6	6.1	12.5	.8		.13		6.1	8.3	10.0
Max	-2.0	-4.0	-8.8	4.7	214	.84	217/29	984.4	1011.5	971.4
Min	-28.6	-13.5	-41.6	2.5	155	.38	138/13	965.4	981.0	942.3
Ferrell (8907)					44 M			78.02 S	170.80 E	
Jan	-7.5	3.0	-17.1	3.9	200	.68	194/15	989.8	1004.4	981.4
Feb	-14.3	-1.9	-28.1	4.8	197	.72	207/19	986.5	995.4	975.5
Mar	-30.3	-12.6	-42.1	4.9	196	.67	235/25	978.0	995.6	963.6
Apr	-35.7	-12.7	-49.7	4.9	211	.81	218/23	980.0	992.0	955.1
May	-35.4	-14.4	-50.1	4.2	209	.71	218/26	986.7	1007.1	957.5
Jun	-35.2	-12.9	-53.4	6.7	204	.82	218/23	980.1	999.2	960.1
Jul	-39.3	-24.2	-55.4	4.6	222	.64	197/18	989.4	1022.4	964.5
Aug	-31.6	-16.0	-50.4	8.0	209	.85	211/26	975.4	996.5	957.5
Sep	-36.2	-15.5	-51.9	5.6	211	.78	219/20	976.3	1000.5	953.2
Oct	-27.0	-13.6	-41.9	5.7	215	.84	221/24	980.1	996.9	956.7
Nov	-15.8	-.8	-31.6	6.3	207	.91	224/21	984.6	998.3	957.3
Dec	-6.7	3.4	-16.1	5.3	205	.77	198/15	994.0	1007.2	975.1
Avg	-26.2	-9.8	-40.6					983.4	1001.3	963.1
S.D.	11.9	8.6	14.1					6.0	8.2	9.3
Max	-6.7	3.4	-16.1				/26	994.5	1022.4	981.4
Min	-39.3	-24.2	-55.4				/15	975.4	992.0	953.2

1. aerovane frozen 28-29 Mar
2. aerovane frozen 14-16 May
3. frequent calm periods

Mon	Mean Air Temp (C)	Max Air Temp (C)	Min Air Temp (C)	Mean Wind Speed (m/s)	Resultant Wind Direction (dg true)	Con	Maximum Wind Speed (dir/vv)	Mean Air Press (mb)	Max Air Press (mb)	Min Air Press (mb)
1982										
Asgard (8908)					1750 M			77.60 S	160.10 E	
Jan	-11.8	-5.7	-17.2	1.9	197	.62	194/11	812.6	825.5	806.8
Feb	-17.0	-7.7	-27.9	1.0	232	.30	180/08	806.5	816.3	797.3
Mar	-26.8	-20.0	-35.6	3.0	188	.89	183/19	793.3	807.4	778.9
Apr	-28.8	-18.8	-41.7	4.5	188	.95	194/28	793.7	804.9	768.2
May[1]	-25.8	-12.0	-39.2	4.7	199	.86	203/27	800.0	814.1	776.2
Jun	-27.6	-16.5	-41.2	5.5	195	.91	180/31	793.8	814.0	774.9
Jul	-29.8	-11.9	-44.7	3.5	205	.89	215/24	800.0	823.4	781.0
Aug	-29.7	-19.0	-41.0	4.0	201	.95	194/25	790.5	805.5	775.0
Sep	-28.6	-18.2	-38.5	2.2	205	.86	198/18	789.8	805.4	777.8
Oct	-25.3	-14.1	-39.1	3.6	206	.87	184/24	795.9	825.9	776.6
Nov	-16.4	-7.9	-25.6	5.1	197	.86	195/20	805.3	816.1	787.3
Dec	-11.1	-2.2	-18.4	3.8	198	.69	201/22	816.8	828.3	799.9
Avg	-23.2	-12.8	-34.2					799.9	815.6	783.3
S.D.	7.1	5.9	9.5					8.8	8.6	11.9
Max	-11.1	-2.2	-17.2				180/31	816.8	828.3	806.8
Min	-29.8	-20.0	-44.7				180/08	789.8	804.9	774.9
Siple (8909)					1054 M			75.90 S	84.00 W	
Jan	-10.7	.6	-20.9	5.2	191	.45	245/16	868.0	876.6	858.5
Feb	-19.4	-6.9	-30.2	3.9	177	.62	163/15	862.4	873.4	853.0
Mar	-27.7	-13.6	-39.2	5.0	174	.69	148/16	857.3	874.7	843.1
Apr	-33.4	-20.6	-48.0	6.1	170	.73	149/20	850.1	864.8	827.4
May	-29.7	-12.0	-40.9	5.9	213	.44	274/25	857.3	878.4	833.6
Jun	-26.4	-9.2	-40.5	6.3	262	.44	266/22	861.9	880.1	838.5
Jul	-33.7	-12.6	-51.1	6.3	236	.77	249/21	861.7	879.3	839.8
Aug	-30.9	-14.1	-48.7	6.4	236	.55	242/23	858.5	877.6	833.2
Sep	-31.1	-9.1	-47.7	5.4	228	.27	177/19	854.0	879.5	835.4
Oct	-26.3	-11.9	-39.7	5.8	181	.29	008/22	855.9	877.0	838.7
Nov	-19.1	-7.9	-37.4	4.4	180	.50	229/17	863.1	875.5	840.6
Dec	-12.9	-3.1	-24.1	4.6	152	.73	143/14	871.4	882.2	853.7
Avg	-25.1	-10.0	-39.0	5.4	203	.54		860.1	876.6	841.3
S.D.	7.8	5.5	9.7	.83		.17		5.9	4.5	9.3
Max	-10.7	.6	-20.9	6.4	262	.77	274/25	871.4	882.2	858.5
Min	-33.7	-20.6	-51.1	3.9	152	.27	143/14	850.1	864.8	827.4

1. suspect aerovane forzen 22 and 24 April

Mon	Mean Air Temp (C)	Max Air Temp (C)	Min Air Temp (C)	Mean Wind Speed (m/s)	Resultant Wind Direction (dg true)	Con	Maximum Wind Speed (dir/vv)	Mean Air Press (mb)	Max Air Press (mb)	Min Air Press (mb)
1982										
Jimmy (8911)					200 M			77.80 S	166.70 E	
Jan	-6.4	-.1	-13.9	3.8	068	.71	145/14	970.5	984.6	961.7
Feb	-11.5	-.9	-35.0	4.6	068	.85	063/11	966.3	974.4	956.7
Mar	-25.0	-16.7	-34.4	6.1	073	.72	162/24	956.8	975.2	941.5
Apr	-24.2	-5.9	-37.5	4.9	069	.78	184/23	959.3	970.4	932.8
May	-24.0	-7.6	-35.0	5.8	067	.75	197/16	965.1	983.9	936.4
Jun[1]	-22.0	-2.5	-35.9	6.3	083	.70	188/28	959.5	976.9	938.1
Jul										
Aug										
Sep										
Oct										
Nov	-13.6	3.1	-32.6	5.4	093	.63	191/21	964.5	977.2	940.3
Dec	-2.7	4.9	-14.1	4.4	084	.50	232/16	974.8	987.4	957.7

1. 21 pressure readings missing and 32 temperature readings missing

Whitlock (8913) (Franklin Island)					274 M			76.24 S	168.66 E	
Jan	-5.4	-1.4	-8.1	5.7	166	.28	173/20	961.1	965.9	956.6
Feb	-7.6	0.0	-14.2	5.9	162	.28	164/20	956.8	966.2	945.9
Mar	-17.5	-8.8	-26.4	6.2	130	.20	137/26	946.1	964.3	930.9
Apr	-24.0	-10.5	-31.6	4.4	269	.26	260/16	948.5	960.3	921.1
May	-23.8	-10.2	-33.7	4.9	300	.22	309/21	954.6	973.0	925.9
Jun	-25.7	-10.6	-38.6	5.3	357	.07	316/20	947.9	968.8	927.3
Jul	-27.9	-16.1	-39.1	4.7	284	.14	156/23	957.0	989.0	928.2
Aug	-24.8	-11.5	-38.4	5.5	269	.21	163/20	943.1	961.4	926.2
Sep	-26.4	-16.7	-34.7	4.2	227	.27	171/15	943.6	963.7	925.7
Oct	-20.0	-8.8	-30.2	5.4	217	.23	158/17	948.2	961.9	926.8
Nov	-10.0	-2.2	-18.4	6.4	143	.45	130/24	952.6	965.0	932.4
Dec	-4.3	2.9	-9.4	5.8	155	.44	156/26	964.0	978.9	947.7

Mon	Mean Air Temp (C)	Max Air Temp (C)	Min Air Temp (C)	Mean Wind Speed (m/s)	Resultant Wind Direction (dg true)	Con	Maximum Wind Speed (dir/vv)	Mean Air Press (mb)	Max Air Press (mb)	Min Air Press (mb)
1982										
Meeley (8915)					49 M			78.52 S	170.18 E	
Jan	-7.1	2.7	-16.4	4.3	212	.72	217/14	989.3	1004.1	980.8
Feb	-14.5	-3.1	-28.4	4.7	208	.74	219/17	985.8	994.5	974.2
Mar	-30.1	-18.6	-42.6	4.8	209	.75	222/23	977.9	995.4	963.7
Apr	-35.8	-11.7	-50.6	4.3	209	.86	207/26	979.2	992.1	955.2
May	-35.1	-14.9	-49.0	3.8	214	.81	218/23	986.0	1005.8	954.4
Jun	-35.1	-12.6	-53.7	7.1	214	.89	224/24	979.3	998.0	958.9
Jul	-39.1	-24.5	-54.7	2.9	220	.84	208/18	988.3	1021.2	962.0
Aug	-31.7	-15.9	-51.7	7.6	212	.93	218/22	974.5	995.5	956.8
Sep	-35.6	-15.4	-52.5	5.4	218	.90	212/19	975.3	1002.2	951.6
Oct	-26.5	-13.0	-40.6	5.9	216	.92	217/22	978.8	997.0	954.5
Nov	-15.4	-2.0	-31.4	6.5	208	.92	207/22	983.4	997.4	956.7
Dec	-6.3	1.3	-14.9	5.2	208	.80	211/15	993.2	1006.1	973.0
D-57 (8916)					2103 M			68.18 S	137.52 W	
Jan	-18.7	-13.0	-28.6	9.5	140	.94	125/21	758.6	769.0	751.3
Feb	-21.8	-14.4	-33.5	9.7	144	.96	136/19	752.7	762.6	740.3
Mar	-29.3	-20.4	-47.2	8.5	156	.92	134/30	745.2	757.0	719.4
Apr	-36.3	-21.9	-50.0	11.2	153	.87	173/23	742.7	763.1	722.4
May	-33.6	-18.2	-48.1	10.5	155	.79	141/22	752.0	763.0	735.5
Jun	-28.7	-11.5	-52.7	8.2	151	.69	194/26	752.1	770.6	735.1
Jul	-37.2	-29.2	-54.2	14.1	169	.92	177/23	751.3	789.0	727.3
Aug	-42.5	-29.2	-52.2	12.1	164	.95	121/22	732.9	743.0	723.9
Sep	-38.4	-25.0	-56.4	10.0	160	.94	131/23	734.3	753.3	713.9
Oct	-32.2	-12.6	-47.0	10.6	161	.93	149/22	747.4	770.4	713.8
Nov	-23.7	-14.5	-37.0	11.4	148	.96	172/21	749.1	762.7	731.5
Dec	-16.3	-8.8	-25.5	10.2	140	.93	139/25	762.0	770.3	742.1

STATION : 8900 D-10 LAT : 66.7 S LONG : 139.8 ELEVATION : 240 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	949	-5	6	180	948	-7	13	180	950	-10	9	193	949	-8	12	162	954	-5	6	180
03	X	X	X	X	X	X	X	X	949	-3	6	163	949	-4	6	169	X	X	X	X	948	-6	9	170	955	-4	5	170
06	X	X	X	X	945	-5	9	180	949	-3	6	162	949	-4	5	180	949	-8	7	170	947	-5	9	146	955	-4	6	180
09	X	X	X	X	946	-6	8	180	949	-4	6	170	949	-7	4	181	950	-8	6	149	948	-5	7	141	956	-5	5	180
12	X	X	X	X	947	-6	7	180	950	-5	9	180	949	-9	7	180	950	-8	9	141	949	-4	4	141	956	-6	9	172
15	X	X	X	X	947	-7	6	191	949	-6	7	180	949	-11	8	180	950	-8	9	141	950	-4	2	183	956	-7	6	180
18	X	X	X	X	948	-7	7	191	948	-7	8	187	949	-12	8	180	950	-9	11	180	951	-4	2	184	955	-8	10	180
21	X	X	X	X	948	-7	9	180	949	-8	13	187	950	-12	8	183	949	-8	11	180	953	-6	4	180	954	-9	12	167

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -6.4 STD DEV = 2.2 MAX = -2.0 AT 444 GMT ON DAY 24 MIN = -12.4 AT 1856 GMT ON DAY 25

* PRESSURE (MB) * MEAN = 950.0 STD DEV = 2.7 MAX = 956.3 AT 1153 GMT ON DAY 28 MIN = 945.2 AT 722 GMT ON DAY 23

* WINDS (M/S) * MEAN = 7.6 STD DEV = 2.6 RESULTANT = 7.4 FROM 174. CONSTANCY = .97 MAX = 13.8 FROM 180. AT 15 GMT DAY 25

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 79.9 % PRESSURE: 79.9 % WINDS: 79.9 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	2	4	13	40	24	7	9	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	0	0	11	11	76	2	0	0	0	0	0	0

STATION : 8900 D-10 LAT : 66.7 S LONG : 139.8 ELEVATION : 240 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	926	-7	21	158	937	-7	13	162	948	-9	5	180	941	-13	14	206	936	-13	13	180	950	-13	6	169
03	952	-6	9	180	925	-7	15	149	941	-6	12	180	946	-8	5	165	943	-11	6	160	935	-12	12	145	950	-11	6	149
06	949	-6	8	161	925	-7	20	180	945	-5	8	170	944	-7	3	180	940	-11	8	180	936	-11	11	179	950	-11	6	152
09	945	-7	10	160	924	-8	23	174	948	-6	3	189	944	-9	3	198	939	-12	10	180	939	-12	7	180	951	-11	6	118
12	941	-5	13	156	926	-7	20	156	950	-8	6	177	944	-11	5	180	938	-13	12	180	943	-14	7	180	950	-12	7	141
15	935	-7	17	141	928	-7	18	176	951	-9	8	183	943	-13	8	211	937	-13	10	180	945	-16	8	180	950	-12	6	138
18	930	-7	18	141	930	-7	17	180	951	-10	8	180	942	-15	13	211	937	-13	10	165	947	-14	6	180	949	-12	7	141
21	928	-7	23	148	934	-7	14	180	950	-12	8	180	941	-15	16	215	937	-15	10	172	949	-15	7	180	949	-13	6	149
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	948	-11	6	141	949	-14	9	180	950	-11	9	180	948	-10	3	197	956	-12	5	180	964	-11	7	141	940	-7	6	141
03	948	-11	5	141	950	-12	10	180	949	-9	7	180	948	-7	2	180	X	X	X	X	960	-11	6	120	941	-6	9	86
06	947	-11	6	113	951	-11	10	180	948	-9	7	180	949	-7	1	141	958	-9	0	0	949	-12	16	141	946	-7	7	293
09	947	-12	8	153	952	-12	11	180	948	-9	8	181	950	-9	3	161	959	-10	3	149	944	-11	19	141	950	-11	6	250
12	947	-12	7	180	952	-13	12	152	948	-12	5	189	952	-12	5	184	961	-11	3	180	942	-11	12	141	952	-15	10	206
15	947	-14	9	180	952	-12	10	170	948	-11	5	174	953	-14	6	181	962	-11	5	179	940	-10	11	128	953	-14	5	153
18	947	-14	11	183	951	-12	9	180	948	-12	4	180	954	-14	5	198	964	-13	3	190	938	-9	11	145	951	-13	6	218
21	948	-16	13	180	951	-13	9	183	948	-12	4	204	955	-14	3	198	965	-14	3	180	938	-8	8	158	948	-14	9	190
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	947	-10	4	165	951	-14	6	190	964	-16	10	180	958	-13	6	141	956	-16	9	180	960	-17	3	172	956	-20	10	180
03	945	-7	9	161	953	-12	5	189	963	-14	7	149	957	-11	7	143	957	-14	8	170	959	-15	1	122	956	-18	5	191
06	945	-7	1	134	955	-12	4	180	963	-13	5	149	955	-12	7	149	957	-15	7	180	958	-16	3	141	957	-18	10	180
09	946	-12	7	198	958	-16	6	217	963	-13	5	170	955	-13	9	170	958	-16	6	174	958	-16	6	141	958	-18	12	180
12	946	-11	9	190	960	-17	8	180	962	-14	4	161	955	-14	10	170	959	-16	5	174	957	-17	6	156	959	-18	8	180
15	948	-11	3	225	961	-17	12	187	961	-14	4	161	955	-16	11	180	959	-18	6	158	956	-17	6	188	960	-17	7	127
18	948	-13	7	189	961	-18	14	180	959	-14	6	149	955	-16	9	180	960	-18	5	180	955	-19	11	180	960	-15	10	156
21	950	-15	6	198	963	-19	15	180	958	-12	5	138	955	-16	8	162	960	-17	3	180	955	-21	11	180	958	-15	12	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	959	-14	12	141	933	-14	25	180	911	-6	15	127	944	-15	10	189	945	-15	13	180	935	-18	7	180	933	-21	5	195
03	960	-14	13	139	925	-12	26	166	916	-5	7	141	945	-14	7	225	944	-14	11	180	933	-17	10	180	933	-20	5	189
06	959	-14	13	149	916	-10	20	156	921	-5	4	180	946	-15	11	218	942	-14	12	180	932	-17	8	180	933	-20	5	180
09	958	-14	13	141	909	-9	24	161	926	-8	10	183	949	-16	11	218	941	-15	11	180	931	-20	10	186	933	-22	5	188
12	958	-15	15	149	904	-8	25	141	931	-9	7	189	951	-16	10	225	939	-18	13	194	930	-21	11	161	934	-24	8	194
15	953	-14	15	170	902	-8	22	141	934	-10	6	191	951	-15	7	180	938	-18	14	180	932	-18	5	180	936	-24	9	190
18	947	-14	19	155	905	-8	18	141	938	-13	6	180	948	-14	5	197	937	-19	8	189	933	-21	8	225	939	-24	7	198
21	941	-14	20	158	909	-6	13	141	941	-15	9	180	946	-14	9	180	936	-20	7	225	933	-22	7	190	942	-23	6	198
		DAY	29			DAY	30			DAY	31																	
00	944	-22	6	204	946	-13	1	111	936	-14	13	141																
03	946	-19	5	201	946	-12	2	143	934	-14	15	149																
06	947	-18	3	218	945	-13	4	120	933	-14	16	148																
09	948	-21	6	225	944	-14	6	120	933	-13	14	149																
12	948	-23	7	211	943	-15	8	141	934	-14	16	141																
15	948	-22	5	214	941	-15	9	129	936	-14	16	161																
18	947	-20	9	219	939	-15	12	141	938	-15	16	163																
21	947	-16	2	180	937	-15	13	142	942	-15	17	156																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -13.1 STD DEV = 4.1 MAX = -4.4 AT 551 GMT ON DAY 3 MIN = -24.9 AT 1258 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 945.5 STD DEV = 11.7 MAX = 964.5 AT 2103 GMT ON DAY 12 MIN = 901.6 AT 1451 GMT ON DAY 23
* WINDS (M/S) * MEAN = 9.1 STD DEV = 4.9 RESULTANT = 8.3 FROM 169. CONSTANCY = .91 MAX = 32.5 FROM 165. AT 415 GMT DAY 23
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .8 % WINDS: .8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	3	7	18	22	15	13	9	4	3	2	3	1	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	0	3	16	19	47	8	6	0	0	0	0	0

STATION : 8900 D-10 LAT : 66.7 S LONG : 139.8 ELEVATION : 240 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	948	-15	11	149	955	-16	8	125	940	-15	16	141	936	-17	19	170	928	-22	20	180	935	-16	8	188	951	-16	8	180
03	950	-15	10	141	952	-15	10	141	938	-14	19	149	933	-17	21	161	929	-17	12	180	937	-15	10	189	951	-13	10	148
06	953	-15	10	138	950	-15	10	141	936	-14	18	152	931	-17	20	180	929	-17	12	180	939	-15	9	180	950	-12	10	141
09	955	-15	8	141	949	-16	11	146	936	-14	18	149	930	-19	22	180	931	-17	9	173	940	-18	9	180	953	-12	8	141
12	957	-16	8	155	948	-15	12	141	938	-14	16	158	929	-21	23	177	932	-18	11	180	942	-19	7	203	955	-12	8	141
15	957	-17	8	141	945	-16	12	180	938	-14	19	170	927	-21	20	180	932	-18	10	179	943	-19	9	203	956	-11	7	141
18	957	-17	9	149	943	-16	13	161	937	-16	18	180	928	-20	15	180	932	-17	11	180	946	-21	8	180	956	-11	7	136
21	956	-18	9	141	941	-15	16	141	936	-17	20	180	928	-23	17	160	934	-16	10	180	949	-19	8	180	956	-11	7	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	956	-11	7	141	939	-15	24	158	935	-15	12	173	930	-20	13	190	934	-25	15	180	945	-21	10	180	953	-20	4	186
03	954	-10	9	127	936	-15	22	155	935	-14	8	180	931	-21	13	180	937	-25	16	180	948	-22	10	180	954	-21	5	180
06	952	-9	7	141	933	-15	25	158	935	-15	4	170	930	-21	5	174	938	-22	13	180	951	-22	9	180	956	-22	6	206
09	949	-9	9	141	934	-15	15	165	935	-17	7	180	926	-23	9	174	936	-22	11	180	952	-23	9	187	959	-25	5	195
12	948	-10	13	149	935	-15	19	180	935	-15	3	169	923	-25	15	180	933	-22	16	174	952	-23	8	180	959	-23	3	162
15	946	-13	17	161	936	-15	15	180	933	-16	4	225	925	-27	14	180	935	-22	16	149	952	-23	4	167	959	-22	4	208
18	945	-14	19	155	935	-15	12	170	931	-15	4	231	928	-27	14	189	938	-21	12	180	953	-22	6	170	957	-21	8	180
21	943	-15	19	156	935	-15	16	165	929	-18	7	180	930	-27	15	189	941	-21	12	169	953	-22	6	167	957	-18	5	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	957	-17	7	160	958	-21	11	180	956	-19	11	180	952	-18	5	139	927	-14	24	150	944	-12	9	180	943	-12	18	149
03	956	-18	8	173	958	-18	8	152	955	-17	10	152	951	-18	6	118	927	-14	22	149	947	-11	7	149	945	-11	12	141
06	955	-18	14	180	956	-19	15	180	955	-18	8	146	950	-18	9	153	925	-13	24	141	947	-13	11	141	946	-11	11	141
09	955	-19	16	180	957	-20	11	149	956	-18	9	149	948	-20	10	170	926	-13	23	162	946	-12	14	141	947	-12	11	149
12	957	-20	11	186	956	-20	13	149	956	-17	9	135	945	-21	13	180	928	-12	20	180	945	-12	16	149	949	-12	10	160
15	958	-21	12	201	956	-19	13	152	955	-18	6	141	940	-18	18	180	931	-13	21	172	942	-13	21	149	950	-13	11	180
18	958	-20	12	187	956	-18	13	149	954	-17	8	110	933	-16	23	170	935	-12	18	180	940	-12	27	156	952	-12	9	180
21	958	-21	12	180	955	-18	13	180	953	-18	4	132	927	-15	28	180	941	-11	12	180	941	-12	23	180	953	-13	10	169
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	955	-15	13	180	967	-14	12	170	961	-14	16	189	970	-13	8	198	950	-16	12	225	943	-22	9	173	935	-28	8	195
03	955	-15	12	180	966	-12	16	159	964	-12	14	170	969	-12	4	208	949	-15	4	214	943	-24	11	180	934	-28	10	180
06	955	-14	13	180	963	-12	16	180	965	-13	6	180	967	-11	3	181	948	-17	9	221	944	-27	10	180	934	-28	10	180
09	957	-14	12	176	961	-13	15	180	965	-17	16	180	963	-12	5	141	947	-18	9	221	942	-27	11	179	935	-27	9	162
12	959	-12	11	180	958	-14	24	165	968	-14	8	141	958	-12	6	141	946	-17	7	180	940	-25	10	167	937	-25	6	180
15	961	-13	13	173	957	-14	20	190	966	-18	17	200	952	-10	5	141	945	-17	6	180	938	-27	11	180	938	-24	6	180
18	963	-13	11	180	958	-15	18	180	966	-16	17	198	951	-10	6	211	943	-18	6	180	937	-27	10	180	940	-25	8	169
21	966	-15	11	180	960	-14	16	180	970	-12	8	180	951	-13	5	210	943	-19	8	170	936	-27	9	180	941	-25	9	180
		DAY	29			DAY	30																					
00	939	-26	12	180	947	-25	7	180																				
03	937	-24	12	149	949	-27	13	225																				
06	935	-24	15	170	952	-26	15	189																				
09	936	-24	15	180	954	-25	16	204																				
12	938	-25	12	174	959	-22	9	180																				
15	940	-25	10	180	960	-19	7	153																				
18	942	-26	11	180	960	-18	9	189																				
21	944	-26	11	176	961	-16	8	135																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -17.5 STD DEV = 4.7 MAX = -8.1 AT 306 GMT ON DAY 24 MIN = -28.4 AT 713 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 946.1 STD DEV = 11.2 MAX = 970.3 AT 2116 GMT ON DAY 24 MIN = 922.8 AT 1142 GMT ON DAY 11
* WINDS (M/S) * MEAN = 11.8 STD DEV = 5.1 RESULTANT = 11.2 FROM 170. CONSTANCY = .95 MAX = 30.7 FROM 159. AT 2204 GMT DAY 18
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	0	3	7	13	20	16	12	8	5	6	8	1	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	0	1	15	20	55	6	3	0	0	0	0	0

STATION : 8900 D-10 LAT : 66.7 S LONG : 139.8 ELEVATION : 240 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	961	-15	10	180	954	-12	25	156	965	-11	11	149	953	-6	17	149	940	-9	18	165	961	-15	5	200	X	X	X	X
03	961	-15	10	170	954	-11	22	155	965	-10	15	149	952	-7	12	162	943	-11	18	180	961	-13	4	180	956	-7	4	141
06	962	-15	11	180	958	-9	12	141	963	-9	12	141	949	-5	12	141	947	-11	22	177	961	-12	2	143	955	-7	4	145
09	962	-15	11	159	959	-9	11	141	962	-9	17	141	946	-5	16	149	950	-11	14	180	961	-13	5	128	953	-8	4	127
12	962	-13	11	150	960	-9	7	104	960	-8	21	161	944	-6	14	161	954	-12	14	179	959	-12	5	103	952	-9	3	136
15	960	-12	12	152	962	-10	3	89	956	-9	21	148	941	-6	18	170	958	-13	6	180	959	-10	4	141	950	-9	5	141
18	957	-11	12	149	963	-10	9	125	954	-8	21	152	939	-8	24	160	959	-15	6	180	958	-9	4	135	946	-9	6	127
21	955	-10	16	149	965	-10	8	143	953	-8	17	161	938	-9	20	169	960	-13	4	189	957	-8	4	141	942	-10	9	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	939	-9	9	141	952	-14	7	206	956	-15	5	187	962	-19	5	193	969	-16	3	180	959	-15	5	180	959	-23	0	0
03	937	-11	11	149	953	-15	8	206	956	-14	7	180	964	-17	0	0	968	-15	3	190	959	-15	4	163	959	-24	1	225
06	939	-12	8	180	954	-15	11	180	956	-15	5	180	966	-17	4	206	966	-14	4	145	958	-16	7	170	959	-24	2	231
09	944	-14	11	218	954	-15	13	155	956	-15	8	180	967	-18	3	189	965	-14	4	141	957	-16	5	180	960	-24	1	248
12	947	-15	7	189	956	-14	9	180	957	-17	8	184	969	-17	2	189	964	-14	2	143	957	-16	5	143	960	-25	4	208
15	949	-14	6	183	956	-15	10	184	958	-18	6	159	969	-17	2	176	962	-16	7	180	958	-18	2	141	961	-25	4	218
18	950	-13	6	218	957	-15	6	180	959	-18	7	190	970	-16	2	170	961	-16	8	180	957	-19	2	134	961	-27	3	180
21	951	-14	6	207	956	-16	6	193	960	-18	6	180	969	-15	2	141	960	-16	6	174	958	-21	2	103	962	-26	3	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	963	-28	5	208	963	-25	3	180	960	-26	3	111	936	-20	25	169	949	-16	6	110	959	-16	13	180	959	-16	19	180
03	963	-24	4	180	962	-25	2	161	958	-26	5	135	939	-19	18	180	950	-15	8	141	958	-16	16	193	962	-16	13	193
06	963	-25	4	225	962	-25	2	180	956	-26	6	101	939	-19	20	180	951	-14	10	149	958	-15	10	170	964	-16	28	181
09	964	-27	5	191	962	-26	2	120	952	-21	11	149	943	-18	16	161	952	-15	12	180	957	-16	18	180	967	-16	16	189
12	964	-25	4	180	962	-26	4	176	948	-21	17	156	944	-18	7	122	954	-15	11	166	955	-16	20	180	969	-16	14	180
15	964	-25	3	156	962	-25	2	218	942	-21	23	162	945	-18	14	150	956	-15	12	170	955	-17	20	187	968	-15	10	180
18	963	-26	5	180	962	-26	3	143	940	-21	21	170	946	-18	16	161	957	-16	12	188	955	-18	20	191	968	-13	10	160
21	963	-25	3	180	961	-26	2	143	936	-21	22	166	947	-16	13	149	957	-16	13	180	958	-17	19	177	968	-12	7	111
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	967	-13	8	170	955	-8	15	150	950	-9	12	180	943	-6	6	141	943	-6	15	141	956	-8	14	153	959	-11	6	132
03	965	-11	7	159	953	-8	12	149	949	-8	14	180	943	-6	3	141	945	-5	14	141	958	-9	14	180	956	-11	10	128
06	964	-12	7	183	952	-8	15	180	948	-7	11	152	945	-6	5	135	947	-6	14	141	958	-9	15	141	951	-11	13	141
09	962	-11	7	150	950	-9	13	165	945	-7	16	161	946	-6	6	135	949	-6	12	146	961	-10	10	141	946	-10	16	141
12	960	-11	12	180	949	-9	10	173	945	-7	14	155	947	-7	8	132	951	-6	13	141	961	-10	10	163	941	-9	17	141
15	958	-10	11	180	949	-10	10	163	944	-6	10	141	945	-6	12	149	953	-7	16	129	961	-10	4	107	937	-8	18	124
18	957	-9	12	149	949	-11	10	180	943	-6	9	162	943	-6	16	141	954	-7	14	141	961	-11	3	141	935	-9	20	135
21	957	-9	14	141	950	-10	11	180	943	-6	7	141	943	-5	15	148	955	-8	13	131	960	-11	5	141	936	-9	17	141
		DAY	29			DAY	30			DAY	31																	
00	941	-9	11	101	947	-9	12	141	938	-12	10	134																
03	945	-9	11	113	945	-11	18	146	938	-13	15	166																
06	946	-9	10	127	941	-12	17	148	939	-15	12	180																
09	947	-8	8	141	938	-12	23	170	940	-16	15	174																
12	948	-9	11	141	935	-12	22	180	941	-16	13	148																
15	949	-9	8	111	935	-13	18	180	942	-17	15	180																
18	948	-7	12	121	935	-12	16	180	943	-16	11	149																
21	948	-8	9	136	935	-12	10	148	945	-14	9	139																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -13.5 STD DEV = 5.6 MAX = -4.9 AT 656 GMT ON DAY 4 MIN = -27.9 AT 1719 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 953.8 STD DEV = 8.8 MAX = 970.2 AT 1041 GMT ON DAY 21 MIN = 934.1 AT 1357 GMT ON DAY 30
* WINDS (M/S) * MEAN = 10.2 STD DEV = 5.9 RESULTANT = 9.5 FROM 161. CONSTANCY = .93 MAX = 30.9 FROM 165. AT 1841 GMT DAY 17
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	4	15	10	13	6	13	11	10	6	4	7	1	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	1	5	28	23	36	4	3	0	0	0	0	0

STATION : 8900 D-10 LAT : 66.7 S LONG : 139.8 ELEVATION : 240 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	947	-14	13	180	947	-12	6	180	954	-23	7	225	953	-17	6	116	967	-18	6	131	959	-15	8	120	955	-22	5	198
03	X	X	X	X	947	-12	6	180	955	-25	11	180	952	-17	12	170	962	-15	7	100	955	-15	10	138	956	-22	7	198
06	947	-14	14	180	947	-13	6	180	955	-25	18	180	957	-18	9	180	960	-14	5	141	945	-15	15	141	959	-24	3	203
09	948	-12	14	180	948	-14	8	180	956	-24	16	180	963	-17	6	179	961	-17	6	180	941	-16	16	141	961	-27	7	180
12	949	-12	12	184	950	-16	6	194	956	-22	19	180	967	-20	5	222	963	-19	5	200	941	-18	16	149	964	-27	7	180
15	948	-13	12	190	951	-17	6	198	956	-21	18	173	968	-22	6	225	964	-19	4	190	946	-19	14	179	966	-27	6	198
18	948	-13	10	180	953	-20	6	200	953	-21	15	180	969	-19	3	198	964	-18	6	176	952	-19	8	180	966	-27	5	186
21	947	-12	7	180	954	-22	7	221	952	-20	14	179	968	-17	3	170	962	-17	5	180	953	-21	6	180	966	-23	2	152
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	965	-23	3	120	960	-17	10	141	966	-17	7	180	979	-10	7	141	972	-11	1	170	973	-11	6	122	960	-9	0	0
03	963	-22	6	141	961	-17	7	161	969	-16	3	180	980	-10	7	141	973	-14	6	206	971	-11	5	108	960	-9	2	211
06	962	-21	8	111	962	-17	6	149	970	-14	1	179	980	-10	9	141	974	-14	3	198	967	-11	6	101	960	-10	2	198
09	960	-20	11	125	963	-16	5	118	971	-14	2	145	981	-10	7	120	975	-11	6	172	965	-9	7	141	962	-16	6	225
12	959	-19	10	141	963	-16	4	141	972	-11	5	111	980	-11	5	120	975	-11	6	180	963	-9	6	117	964	-16	8	225
15	958	-18	10	141	963	-16	6	132	973	-11	5	141	978	-12	4	139	976	-9	5	161	961	-11	3	149	966	-14	8	204
18	957	-17	10	149	960	-15	7	90	975	-11	3	117	975	-12	6	120	976	-9	6	141	959	-9	5	125	969	-12	6	197
21	959	-18	9	161	963	-15	3	149	977	-10	8	141	973	-11	7	96	974	-9	4	127	959	-9	2	161	972	-12	6	189
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	974	-8	4	180	X	X	X	X	951	-2	3	360	956	-15	4	205	950	-7	7	135	939	-5	6	141	946	-9	5	141
03	976	-9	5	162	966	-9	4	141	949	-3	3	315	959	-12	3	225	948	-8	5	111	940	-5	3	90	946	-9	5	141
06	976	-12	5	134	964	-8	4	111	948	-3	3	359	959	-10	3	180	943	-7	7	141	942	-5	3	141	946	-10	5	161
09	975	-12	6	135	960	-6	6	134	946	-4	5	342	960	-11	4	132	941	-5	8	90	944	-5	4	141	946	-11	5	165
12	974	-12	5	135	954	-4	9	90	945	-5	3	27	959	-7	4	90	943	-5	4	76	945	-7	5	141	945	-12	4	180
15	973	-11	4	111	950	-4	10	90	946	-6	3	339	957	-10	5	153	942	-5	4	141	946	-7	6	124	945	-13	5	193
18	972	-11	6	113	949	-4	8	90	949	-13	6	225	953	-7	7	141	939	-4	8	111	946	-8	5	141	946	-20	6	231
21	970	-10	5	105	950	-3	2	89	954	-16	6	225	951	-8	9	141	938	-5	7	141	946	-8	6	129	947	-21	5	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	948	-22	6	221	946	-16	3	141	954	-18	2	141	942	-21	18	218	969	-15	23	208	963	-12	6	187	947	-12	12	149
03	948	-22	6	221	946	-15	3	134	956	-18	1	259	950	-21	10	198	969	-13	19	218	962	-13	7	198	943	-14	14	149
06	948	-19	4	189	949	-15	2	120	958	-21	3	291	947	-21	23	200	968	-13	20	218	960	-10	6	180	940	-15	12	161
09	946	-17	3	180	949	-15	4	135	958	-23	6	225	958	-19	7	273	970	-15	14	197	959	-10	6	141	938	-15	15	180
12	944	-16	4	153	950	-15	5	120	956	-22	2	315	963	-18	5	327	969	-9	8	180	958	-10	6	105	937	-16	16	180
15	942	-15	4	83	951	-16	5	103	951	-23	9	270	969	-16	6	161	966	-13	15	189	956	-12	8	135	939	-16	16	180
18	944	-16	3	111	952	-16	5	124	947	-25	5	255	970	-17	18	180	966	-12	9	180	953	-12	7	114	941	-16	13	180
21	945	-16	3	141	953	-17	4	141	945	-21	3	315	971	-17	23	207	963	-12	4	180	950	-12	9	141	943	-16	13	149
		DAY	29			DAY	30																					
00	945	-15	6	141	953	-20	7	165																				
03	947	-15	2	90	954	-19	12	180																				
06	948	-16	5	180	955	-20	10	180																				
09	949	-17	5	162	955	-18	12	161																				
12	950	-18	7	180	954	-17	11	153																				
15	950	-18	13	173	953	-19	11	180																				
18	951	-20	12	180	950	-18	13	180																				
21	951	-19	18	180	949	-18	10	180																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -14.2 STD DEV = 5.3 MAX = -2.1 AT 2356 GMT ON DAY 16 MIN = -27.0 AT 1538 GMT ON DAY 7

* PRESSURE (MB) * MEAN = 956.9 STD DEV = 10.6 MAX = 981.4 AT 1020 GMT ON DAY 11 MIN = 936.0 AT 933 GMT ON DAY 28

* WINDS (M/S) * MEAN = 7.3 STD DEV = 4.4 RESULTANT = 5.7 FROM 167. CONSTANCY = .79 MAX = 25.4 FROM 167. AT 1255 GMT DAY 28

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .8 % WINDS: .8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	5	16	28	24	6	5	6	4	2	3	2	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	0	0	5	11	23	10	27	10	7	0	1	0	1	1

STATION : 8900 D-10 LAT : 66.7 S LONG : 139.8 ELEVATION : 240 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	950	-17	10	180	964	-24	6	225	985	-15	9	180	997	-13	6	205	986	-11	6	211	976	-4	2	180	970	-9	9	90
03	951	-17	8	162	965	-23	7	211	989	-17	8	180	996	-12	7	225	984	-11	7	225	977	-5	3	141	968	-8	8	90
06	953	-17	5	170	965	-20	6	206	991	-17	8	201	995	-10	5	210	981	-11	11	225	976	-6	3	149	967	-9	5	101
09	956	-18	3	170	965	-17	7	180	993	-15	7	194	994	-9	4	180	979	-7	4	183	976	-6	5	141	967	-9	1	135
12	958	-22	3	180	968	-16	6	225	996	-14	5	198	993	-10	5	197	978	-6	6	207	976	-6	8	117	966	-14	5	225
15	960	-23	4	198	971	-17	6	210	997	-13	6	206	992	-10	5	189	977	-4	4	224	977	-8	7	90	965	-15	10	229
18	961	-23	4	203	975	-18	7	180	998	-14	6	225	990	-11	5	218	976	-4	3	225	975	-8	6	94	964	-16	11	225
21	962	-24	5	218	979	-18	13	194	998	-14	7	207	988	-10	6	203	976	-5	1	225	973	-9	6	90	963	-15	7	225
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	962	-15	13	231	957	-17	4	194	958	-23	1	206	957	-23	7	198	954	-15	13	180	966	-24	2	162	967	-21	16	195
03	961	-16	12	225	957	-16	7	174	957	-21	0	0	957	-24	6	200	958	-17	11	180	968	-25	4	206	968	-19	22	180
06	960	-16	10	218	958	-16	5	180	956	-22	0	0	958	-26	7	195	961	-17	6	187	970	-27	4	225	968	-18	22	180
09	959	-15	9	245	959	-16	4	180	956	-25	4	225	956	-24	6	180	964	-19	5	183	969	-28	7	231	969	-18	22	180
12	958	-16	5	225	960	-16	3	179	955	-25	5	225	955	-22	4	141	966	-22	6	189	966	-29	8	194	970	-18	24	186
15	958	-17	7	205	960	-18	2	170	955	-24	5	228	952	-18	7	141	966	-22	5	225	965	-28	5	180	971	-18	22	180
18	957	-18	5	180	959	-20	2	170	954	-22	6	221	951	-17	13	169	965	-23	4	198	963	-24	14	180	973	-18	22	186
21	957	-17	6	180	959	-21	2	180	956	-22	6	206	951	-16	7	149	965	-23	2	174	964	-22	21	180	974	-18	26	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	977	-18	22	180	972	-21	23	180	977	-16	23	184	967	-9	12	172	963	-18	4	180	960	-18	5	180	952	-19	7	179
03	978	-18	22	180	975	-21	20	180	976	-15	20	190	965	-9	4	181	962	-18	4	149	958	-17	6	141	952	-20	4	180
06	980	-19	23	180	973	-20	23	180	976	-15	20	180	963	-10	4	161	962	-18	5	125	955	-16	6	110	951	-21	4	188
09	979	-19	22	180	976	-19	24	156	977	-12	8	180	961	-11	5	180	962	-17	4	141	951	-16	9	141	951	-22	8	204
12	979	-19	22	180	976	-18	20	180	975	-12	3	229	960	-13	5	180	962	-17	3	141	949	-15	9	161	952	-24	9	208
15	978	-20	22	181	978	-17	22	180	972	-11	11	181	961	-15	5	183	961	-16	3	141	948	-16	8	180	954	-23	8	189
18	976	-19	20	180	977	-16	20	180	971	-9	7	180	961	-16	7	179	961	-16	2	149	951	-15	5	201	955	-23	5	180
21	973	-20	21	186	977	-16	24	183	969	-9	9	180	962	-18	3	149	960	-17	3	180	951	-17	7	152	957	-24	7	206
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	958	-23	7	204	959	-18	9	141	956	-18	13	149	945	-19	15	141	949	-27	10	179	928	-20	17	161	947	-19	8	180
03	959	-22	5	180	960	-18	8	141	955	-17	14	180	944	-20	14	141	948	-27	13	165	926	-20	21	180	950	-18	9	188
06	957	-20	4	135	961	-18	6	135	955	-18	14	141	943	-21	14	149	946	-26	12	180	927	-20	12	165	955	-14	8	188
09	956	-18	13	146	962	-20	3	120	953	-18	15	149	943	-22	14	141	943	-25	13	161	930	-19	13	180	958	-17	9	189
12	957	-19	12	158	962	-18	9	96	953	-17	10	101	944	-22	10	180	938	-23	13	146	934	-19	9	180	961	-15	6	180
15	957	-18	10	141	962	-19	5	141	952	-19	13	83	945	-23	11	166	932	-22	16	161	936	-20	7	186	962	-16	12	111
18	957	-18	9	141	960	-17	7	125	949	-18	12	141	947	-24	7	180	929	-21	17	160	940	-20	6	152	963	-18	15	194
21	957	-18	11	141	958	-18	8	120	946	-19	14	143	948	-26	8	180	929	-20	15	141	943	-20	10	198	966	-17	14	169
		DAY	29			DAY	30			DAY	31																	
00	968	-13	7	180	975	-15	5	193	959	-14	21	165																
03	972	-12	6	180	973	-13	6	180	959	-14	10	180																
06	975	-15	10	204	972	-11	4	149	957	-15	17	180																
09	977	-15	6	190	971	-11	7	173	955	-15	15	161																
12	979	-15	7	189	968	-11	3	165	954	-15	13	170																
15	979	-15	7	180	967	-13	5	198	950	-14	13	165																
18	978	-15	5	198	965	-15	9	180	948	-15	11	165																
21	977	-16	6	212	962	-14	13	180	947	-16	9	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -17.1 STD DEV = 4.9 MAX = -3.5 AT 1644 GMT ON DAY 5 MIN = -28.9 AT 1201 GMT ON DAY 13
* PRESSURE (MB) * MEAN = 963.3 STD DEV = 13.8 MAX = 997.8 AT 1917 GMT ON DAY 3 MIN = 925.7 AT 359 GMT ON DAY 27
* WINDS (M/S) * MEAN = 9.2 STD DEV = 5.8 RESULTANT = 8.2 FROM 176. CONSTANCY = .89 MAX = 30.2 FROM 190. AT 1335 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	3	10	22	22	11	6	9	4	2	2	10	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	4	2	12	12	43	16	11	0	0	0	0	0

STATION : 8900 D-10 LAT : 66.7 S LONG : 139.8 ELEVATION : 240 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	939	-27	7	180	941	-30	13	162	935	-25	17	163	942	-27	6	180	936	-19	10	141	939	-21	4	111
03	945	-18	7	180	936	-28	9	180	941	-28	11	153	935	-24	22	181	942	-27	6	197	934	-19	13	141	939	-21	4	120
06	944	-20	8	180	932	-30	14	180	941	-28	14	149	938	-24	13	180	942	-28	9	203	931	-19	14	146	940	-23	9	155
09	943	-19	3	135	932	-29	14	181	940	-27	16	180	940	-22	10	180	942	-28	7	189	930	-19	13	149	941	-24	4	146
12	943	-20	3	124	934	-31	15	180	939	-27	17	153	942	-23	5	180	943	-25	5	180	929	-20	16	149	942	-27	3	193
15	943	-22	5	190	936	-31	13	176	936	-26	18	180	943	-22	4	150	941	-23	5	161	932	-19	11	170	943	-29	6	180
18	941	-24	9	180	938	-31	9	180	933	-25	21	167	943	-23	4	158	938	-21	12	162	937	-19	8	141	942	-28	4	198
21	941	-25	8	184	939	-30	10	181	934	-25	18	180	942	-23	4	180	938	-19	6	105	939	-19	9	139	942	-28	1	127
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	942	-28	4	169	946	-30	9	141	951	-27	11	141	945	-25	8	180	941	-28	6	203	950	-29	4	190	946	-18	13	141
03	942	-27	2	198	947	-29	9	141	951	-26	10	149	943	-24	9	166	942	-27	8	180	950	-29	4	205	942	-16	12	149
06	943	-29	5	149	949	-29	8	141	951	-26	12	170	941	-24	9	170	942	-27	5	180	952	-29	4	204	940	-17	14	158
09	943	-30	5	142	950	-29	8	141	951	-25	10	141	940	-24	9	148	943	-27	6	180	953	-29	4	189	937	-18	22	141
12	944	-30	6	160	950	-28	9	159	950	-25	11	170	940	-24	4	161	945	-28	4	177	954	-29	4	198	934	-18	18	149
15	945	-30	7	141	950	-28	11	146	949	-25	7	159	940	-25	7	180	946	-28	4	180	954	-26	4	162	931	-17	22	161
18	945	-30	5	141	950	-27	16	149	948	-25	10	170	941	-28	5	195	948	-28	7	176	952	-22	5	125	932	-15	13	141
21	946	-30	11	141	950	-27	13	180	947	-25	7	139	941	-28	4	183	948	-29	4	198	948	-19	9	135	933	-15	8	70
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	934	-16	7	101	930	-19	7	156	939	-23	3	125	950	-27	9	141	957	-27	11	180	946	-22	11	145	945	-21	4	121
03	932	-15	8	141	929	-19	3	161	943	-24	1	243	949	-26	11	141	958	-26	8	180	944	-21	18	153	946	-21	2	134
06	932	-15	12	141	928	-20	9	180	945	-30	5	206	948	-27	15	170	959	-26	6	149	944	-20	13	161	947	-21	2	125
09	931	-17	8	141	929	-20	7	170	947	-29	9	160	948	-27	15	180	959	-26	6	153	945	-20	11	141	948	-20	5	111
12	932	-19	13	180	931	-23	4	211	948	-30	7	193	949	-26	13	156	957	-27	9	161	945	-20	9	143	949	-22	4	141
15	933	-18	7	180	932	-24	4	206	949	-30	11	180	950	-27	9	166	955	-25	8	136	945	-20	9	141	950	-21	3	101
18	933	-19	4	149	933	-25	5	180	950	-29	9	180	952	-27	11	180	952	-23	13	141	944	-19	7	141	951	-23	2	113
21	932	-19	5	122	935	-24	4	180	950	-28	9	141	955	-26	7	201	949	-22	17	158	945	-21	3	141	954	-26	3	101
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	956	-26	3	141	946	-22	7	120	945	-30	4	191	940	-31	4	152	940	-27	2	170	938	-22	4	161	949	-22	6	225
03	957	-27	2	150	944	-23	3	170	944	-30	2	225	938	-30	3	180	939	-24	0	0	939	-19	6	180	950	-21	5	201
06	958	-27	1	141	943	-23	6	129	944	-31	4	215	937	-32	3	170	938	-25	2	189	941	-20	6	180	950	-21	4	218
09	957	-27	2	135	944	-25	5	165	943	-30	6	180	937	-33	3	179	937	-29	4	218	943	-21	5	189	951	-21	5	189
12	957	-28	3	149	945	-27	4	149	943	-31	4	180	938	-32	0	0	937	-26	6	184	944	-22	5	180	951	-24	9	180
15	954	-26	6	141	945	-27	3	180	942	-30	4	180	938	-31	2	255	936	-27	8	189	945	-24	4	204	951	-24	15	148
18	951	-26	5	120	945	-28	3	189	941	-29	3	180	938	-29	3	180	936	-26	7	186	946	-22	5	206	947	-23	17	180
21	948	-26	3	141	945	-31	4	194	940	-31	3	180	939	-28	4	180	936	-23	7	180	948	-23	5	205	943	-22	22	181
		DAY	29			DAY	30			DAY	31																	
00	944	-21	15	181	946	-30	11	180	938	-25	14	180																
03	945	-21	15	179	946	-31	10	183	937	-24	16	158																
06	946	-22	10	180	946	-29	10	183	935	-23	17	177																
09	946	-25	11	180	947	-30	9	180	935	-25	14	180																
12	945	-25	12	186	947	-29	10	180	936	-25	13	180																
15	945	-25	3	158	947	-29	10	186	938	-22	7	180																
18	945	-27	8	194	945	-27	9	180	939	-20	2	146																
21	945	-28	7	180	941	-26	11	170	941	-21	3	177																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.8 STD DEV = 4.1 MAX = -14.5 AT 1855 GMT ON DAY 14 MIN = -32.9 AT 841 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 943.1 STD DEV = 6.6 MAX = 959.0 AT 647 GMT ON DAY 19 MIN = 928.5 AT 616 GMT ON DAY 16
* WINDS (M/S) * MEAN = 7.9 STD DEV = 4.6 RESULTANT = 7.3 FROM 166. CONSTANCY = .93 MAX = 25.5 FROM 143. AT 1553 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	4	17	23	13	15	9	9	4	4	1	2	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	1	4	21	20	42	9	2	1	0	0	0	0

STATION : 8900 D-10 LAT : 66.7 S LONG : 139.8 ELEVATION : 240 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	944	-21	3	180	945	-16	12	150	923	-12	3	139	945	-22	4	141	946	-12	13	180	941	-16	4	180	945	-21	3	145
03	944	-21	3	180	940	-16	18	170	923	-13	3	180	947	-22	4	180	946	-11	14	161	941	-15	2	338	942	-17	11	162
06	946	-21	3	187	936	-16	18	180	923	-13	1	149	947	-18	5	149	948	-11	8	180	940	-16	3	280	940	-16	15	170
09	947	-24	4	200	933	-15	21	160	925	-13	1	245	947	-16	10	161	949	-12	9	165	940	-19	3	206	938	-15	15	141
12	949	-21	2	180	930	-15	13	145	927	-14	2	214	947	-15	11	158	949	-14	8	180	941	-24	9	181	934	-15	22	141
15	949	-18	5	141	926	-14	14	141	931	-18	2	194	945	-15	17	166	947	-15	7	191	943	-24	9	198	930	-15	25	150
18	949	-17	10	141	924	-13	10	141	936	-24	3	206	944	-14	20	180	945	-15	4	180	943	-25	7	197	929	-15	24	141
21	948	-17	11	149	923	-13	6	141	941	-22	3	180	944	-14	19	180	942	-15	4	169	944	-25	5	180	931	-15	24	161
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	929	-15	25	170	919	-10	20	180	932	-16	11	180	945	-12	6	188	942	-18	5	180	933	-26	9	180	941	-20	9	141
03	930	-13	19	149	920	-8	14	180	933	-16	10	180	947	-13	6	180	939	-17	5	180	935	-24	9	189	940	-19	9	156
06	932	-11	10	138	920	-9	13	181	934	-16	13	181	948	-14	5	180	937	-18	4	189	937	-24	9	180	939	-19	9	180
09	934	-11	17	141	921	-10	13	180	935	-15	9	174	949	-17	5	198	936	-21	5	180	941	-24	8	180	937	-20	10	158
12	934	-12	16	180	923	-10	15	180	936	-13	6	174	949	-18	5	203	935	-24	6	214	945	-26	5	180	937	-19	9	170
15	930	-12	21	180	926	-12	14	180	938	-11	5	180	948	-19	7	225	934	-25	6	200	946	-23	5	167	937	-19	6	180
18	926	-12	23	193	928	-15	12	180	940	-11	6	180	947	-20	8	180	933	-27	6	204	945	-21	6	141	939	-19	5	187
21	921	-10	22	180	930	-15	9	186	943	-11	4	180	945	-19	4	180	933	-28	6	206	942	-21	11	131	941	-22	5	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	943	-22	5	207	954	-28	4	197	957	-20	12	180	945	-20	8	180	943	-28	4	200	940	-19	9	195	956	-17	3	180
03	944	-21	4	212	956	-24	6	193	952	-19	17	180	945	-19	6	180	942	-25	6	180	943	-18	5	180	957	-16	3	180
06	945	-22	4	206	960	-22	6	176	950	-18	14	166	945	-21	7	159	942	-23	4	189	944	-18	4	180	957	-15	2	206
09	947	-25	4	225	961	-25	12	180	948	-19	17	165	946	-24	6	187	942	-25	5	180	945	-20	7	180	957	-17	4	218
12	948	-26	5	217	965	-25	6	198	948	-20	15	180	946	-25	6	180	940	-25	10	187	946	-20	4	180	957	-20	8	201
15	950	-26	5	194	963	-24	9	205	946	-19	12	180	946	-28	5	189	936	-22	9	180	948	-20	5	190	955	-18	7	179
18	951	-29	9	225	961	-22	5	207	945	-20	13	183	944	-30	7	180	934	-19	9	180	951	-22	5	180	951	-15	7	170
21	952	-29	6	225	959	-21	4	143	945	-20	11	179	944	-31	7	201	936	-19	10	180	954	-20	5	198	945	-15	13	166
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	940	-15	9	141	932	-22	8	197	942	-25	11	179	937	-23	13	149	945	-24	5	180	928	-25	13	170	944	-28	10	173
03	935	-14	8	141	935	-19	4	176	941	-22	8	165	X	X	X	X	944	-24	5	180	928	-24	9	170	946	-25	8	161
06	931	-15	9	180	937	-19	1	101	939	-22	10	141	X	X	X	X	944	-24	8	167	928	-23	8	146	947	-24	6	149
09	930	-17	9	174	939	-23	4	161	938	-22	13	141	939	-23	14	180	943	-27	3	149	930	-25	6	142	948	-26	6	160
12	930	-18	4	180	941	-25	9	174	937	-22	11	141	941	-23	10	180	941	-28	11	141	932	-25	9	165	948	-27	9	180
15	930	-20	5	219	942	-27	10	180	937	-23	13	141	943	-24	10	180	937	-27	13	180	935	-27	9	180	948	-27	9	170
18	930	-21	6	180	942	-27	11	174	937	-23	12	150	944	-25	8	210	932	-27	13	141	938	-28	9	180	948	-27	7	149
21	930	-24	8	205	942	-27	10	180	937	-22	12	141	X	X	X	X	930	-26	11	156	942	-29	11	189	948	-26	8	180
		DAY	29			DAY	30																					
00	947	-23	7	141	925	-23	11	180																				
03	945	-22	9	141	922	-21	11	180																				
06	942	-22	9	141	921	-21	8	180																				
09	939	-23	10	170	921	-24	10	180																				
12	936	-23	12	159	920	-26	10	180																				
15	932	-23	9	159	919	-26	12	188																				
18	929	-24	15	163	917	-26	7	180																				
21	927	-25	12	180	917	-25	4	167																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -19.9 STD DEV = 5.1 MAX = -7.5 AT 535 GMT ON DAY 9 MIN = -31.5 AT 2035 GMT ON DAY 18
* PRESSURE (MB) * MEAN = 939.9 STD DEV = 9.4 MAX = 964.9 AT 1203 GMT ON DAY 16 MIN = 916.3 AT 2241 GMT ON DAY 30
* WINDS (M/S) * MEAN = 8.8 STD DEV = 4.8 RESULTANT = 8.3 FROM 172. CONSTANCY = .94 MAX = 28.8 FROM 141. AT 1815 GMT DAY 7
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: 1.3 % WINDS: 1.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	2	10	22	14	18	13	10	3	2	2	4	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	0	0	14	16	53	13	4	0	0	0	0	0

STATION : 8900 D-10 LAT : 66.7 S LONG : 139.8 ELEVATION : 240 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	916	-19	3	149	930	-16	15	153	943	-17	5	114	934	-19	1	189	953	-21	1	141	954	-18	1	269	958	-17	1	187
03	917	-20	4	125	934	-15	10	170	940	-16	3	91	935	-13	0	0	952	-21	4	90	954	-17	1	270	960	-12	3	189
06	916	-19	7	161	938	-15	10	180	938	-18	2	150	937	-17	2	217	951	-22	7	118	954	-14	1	180	961	-15	3	161
09	917	-20	6	134	941	-16	10	189	937	-22	3	206	940	-22	3	189	950	-22	5	132	954	-21	4	212	963	-17	5	180
12	919	-21	6	141	943	-17	7	186	935	-18	1	206	943	-21	2	189	949	-22	6	135	955	-23	6	208	964	-18	3	194
15	921	-21	5	141	944	-17	10	183	935	-24	3	214	947	-24	3	198	949	-21	9	149	955	-23	6	180	963	-21	2	117
18	923	-19	6	149	945	-18	4	173	934	-22	5	195	949	-23	1	111	950	-21	5	149	956	-23	4	189	962	-20	1	211
21	927	-17	10	149	944	-19	7	189	934	-22	5	189	952	-26	4	239	951	-21	2	120	958	-20	5	180	961	-20	2	135
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	959	-18	4	111	950	-16	14	170	946	-16	17	153	952	-15	11	153	945	-16	16	180	954	-15	10	180	958	-15	3	198
03	958	-17	3	90	949	-16	13	138	947	-14	18	160	951	-14	5	135	944	-15	17	165	955	-13	9	180	956	-11	1	270
06	956	-18	2	141	947	-16	18	170	949	-14	9	170	950	-15	4	124	944	-15	10	156	956	-12	7	188	955	-11	1	212
09	954	-15	9	135	946	-17	17	149	951	-15	9	180	949	-16	9	141	944	-15	12	170	957	-15	8	195	955	-16	5	183
12	953	-15	13	161	943	-16	24	180	951	-17	10	174	948	-17	8	180	946	-15	14	180	958	-15	7	180	955	-19	11	187
15	952	-15	14	142	942	-16	25	180	950	-18	13	180	947	-17	9	142	947	-18	13	180	959	-16	7	180	955	-19	9	180
18	952	-16	12	170	943	-16	17	146	952	-18	4	176	945	-18	11	180	950	-18	15	162	958	-18	5	180	957	-18	10	153
21	951	-17	12	156	945	-15	22	167	952	-16	5	170	945	-18	17	180	952	-18	15	177	958	-19	7	203	959	-18	3	210
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	960	-17	7	195	965	-19	3	180	966	-21	8	180	957	-16	5	120	X	X	X	X	X	X	X	X	X	X	X	X
03	960	-11	1	180	965	-17	3	180	965	-17	5	180	957	-14	5	167	X	X	X	X	X	X	X	X	X	X	X	X
06	961	-12	1	198	965	-17	4	180	962	-17	8	170	957	-15	5	170	X	X	X	X	X	X	X	X	X	X	X	X
09	961	-17	5	172	966	-19	6	180	961	-19	8	180	957	-16	6	176	X	X	X	X	X	X	X	X	X	X	X	X
12	962	-20	5	191	967	-21	4	217	959	-21	15	189	955	-21	15	180	X	X	X	X	X	X	X	X	X	X	X	X
15	962	-20	5	177	967	-23	10	153	959	-21	10	177	955	-22	14	180	X	X	X	X	X	X	X	X	X	X	X	X
18	963	-23	5	189	967	-25	8	160	956	-20	17	180	956	-22	18	187	X	X	X	X	X	X	X	X	X	X	X	X
21	964	-22	4	180	966	-23	10	189	958	-18	4	23	955	-21	20	191	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	29			DAY	30			DAY	31																	
00	X	X	X	X	X	X	X	X	X	X	X	X																
03	X	X	X	X	X	X	X	X	X	X	X	X																
06	X	X	X	X	X	X	X	X	X	X	X	X																
09	X	X	X	X	X	X	X	X	X	X	X	X																
12	X	X	X	X	X	X	X	X	X	X	X	X																
15	X	X	X	X	X	X	X	X	X	X	X	X																
18	X	X	X	X	X	X	X	X	X	X	X	X																
21	X	X	X	X	X	X	X	X	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -17.9 STD DEV = 3.0 MAX = -9.2 AT 702 GMT ON DAY 14 MIN = -27.7 AT 2015 GMT ON DAY 4
* PRESSURE (MB) * MEAN = 950.4 STD DEV = 11.2 MAX = 967.6 AT 1605 GMT ON DAY 16 MIN = 916.2 AT 606 GMT ON DAY 1
* WINDS (M/S) * MEAN = 7.6 STD DEV = 5.3 RESULTANT = 7.0 FROM 170. CONSTANCY = .92 MAX = 28.8 FROM 160. AT 1319 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 41.9 % PRESSURE: 41.9 % WINDS: 41.9 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	13	16	22	10	13	6	6	6	5	2	2	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	1	0	0	2	5	12	16	49	10	2	1	2	0	0	0

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	820	-12	3	260	824	-12	3	229	816	-16	3	339	818	-12	2	22	822	-8	5	339	822	-8	0	0	823	-4	0	0
03	821	-14	3	260	822	-12	3	238	816	-15	3	350	818	-10	3	360	822	-9	3	309	822	-9	3	15	823	-6	5	37
06	822	-14	4	251	821	-14	2	231	816	-16	4	360	818	-12	2	10	822	-12	3	339	822	-9	3	360	823	-13	3	360
09	823	-15	3	270	821	-14	0	0	816	-16	4	360	819	-10	5	350	822	-16	3	7	822	-9	3	20	823	-15	3	12
12	824	-16	4	307	819	-16	0	0	816	-16	3	360	819	-10	4	360	822	-14	2	1	822	-8	2	360	823	-16	4	23
15	824	-15	5	285	818	-15	1	280	816	-18	3	8	820	-9	3	360	822	-12	2	360	822	-7	2	13	823	-16	5	360
18	825	-12	3	270	817	-16	3	302	817	-17	6	359	820	-9	5	356	822	-11	3	360	822	-6	2	360	823	-14	5	20
21	824	-12	2	243	817	-16	3	330	817	-15	3	360	821	-8	4	360	822	-9	3	357	823	-5	2	7	823	-12	6	22
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	823	-13	6	24	820	-13	8	11	817	-12	5	360	820	-12	3	4	818	-13	3	360	819	-14	2	360	819	-8	6	285
03	823	-14	6	45	819	-15	8	360	817	-12	5	1	820	-14	3	3	818	-14	3	14	819	-15	1	360	820	-8	5	270
06	822	-16	6	30	818	-17	7	360	818	-13	6	360	820	-16	3	360	817	-17	5	18	819	-18	2	6	820	-8	5	270
09	822	-18	8	18	818	-18	7	11	818	-16	6	360	820	-19	4	360	817	-19	4	10	819	-21	3	360	821	-8	5	273
12	822	-19	8	17	817	-18	7	7	819	-15	5	13	820	-19	5	360	818	-19	3	360	818	-21	7	10	822	-8	4	278
15	821	-18	9	360	817	-16	7	360	819	-16	5	11	819	-17	4	8	818	-17	4	360	818	-18	5	360	823	-8	3	288
18	821	-15	9	360	817	-15	7	360	820	-15	5	360	819	-15	4	8	818	-15	4	350	818	-14	5	309	824	-9	3	309
21	821	-14	8	8	817	-13	6	360	820	-13	4	360	818	-13	4	360	819	-14	2	340	819	-9	5	309	825	-7	3	314
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	826	-8	2	309	825	-8	8	309	823	-7	5	294	828	-11	2	231	827	-9	0	0	822	-12	2	212	817	-15	4	45
03	827	-9	3	325	825	-6	6	301	824	-10	7	270	828	-9	0	0	826	-11	0	0	821	-13	1	215	816	-17	3	63
06	827	-11	4	349	825	-6	5	309	825	-10	8	270	827	-11	2	45	826	-12	0	0	820	-14	1	193	816	-23	3	23
09	828	-11	5	360	825	-6	4	315	826	-10	7	280	827	-11	2	360	825	-14	0	0	819	-14	1	225	816	-24	4	11
12	828	-18	5	360	825	-6	4	309	827	-10	7	262	827	-12	3	18	825	-14	3	37	819	-16	0	0	816	-27	4	22
15	827	-16	7	14	824	-6	3	309	827	-10	6	270	827	-11	3	330	824	-13	1	360	818	-15	4	32	816	-24	6	22
18	826	-13	7	360	824	-6	1	274	828	-11	6	251	827	-10	3	360	823	-12	0	0	817	-15	6	49	816	-21	8	23
21	825	-11	7	3	823	-6	0	0	828	-10	4	255	827	-10	0	0	823	-11	2	225	817	-15	5	45	817	-19	6	8
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	817	-18	5	360	820	-12	7	24	X	X	X	X	817	-10	9	360	821	-10	5	13	822	-13	6	260	824	-19	6	250
03	818	-20	5	45	821	-12	6	45	821	-14	7	31	817	-11	8	360	820	-11	4	360	821	-13	5	270	824	-19	8	226
06	819	-22	5	35	821	-18	4	45	820	-14	7	45	818	-12	9	360	819	-11	5	309	822	-14	1	270	825	-19	6	225
09	819	-18	5	45	822	-21	4	18	819	-14	9	24	819	-12	8	360	820	-11	6	307	822	-16	4	270	825	-18	5	270
12	819	-18	5	42	822	-17	5	45	819	-15	8	37	819	-14	6	359	821	-14	7	312	822	-17	3	302	825	-18	5	225
15	819	-15	7	45	822	-18	5	32	818	-14	9	360	820	-14	5	360	821	-17	6	360	822	-16	8	284	825	-17	7	226
18	820	-13	8	34	822	-17	7	360	817	-12	9	360	821	-12	5	360	821	-13	8	339	823	-19	8	231	826	-18	8	239
21	820	-12	7	45	X	X	X	X	817	-11	9	360	821	-11	1	4	821	-12	7	309	824	-19	7	225	826	-17	8	225
		DAY	29			DAY	30			DAY	31																	
00	827	-16	5	225	829	-15	3	330	822	-11	5	300																
03	827	-17	1	238	828	-17	3	360	821	-13	5	309																
06	827	-18	2	353	828	-19	5	15	821	-13	4	309																
09	828	-19	4	349	826	-22	5	25	820	-13	5	330																
12	X	X	X	X	825	-17	7	360	819	-13	4	315																
15	829	-15	4	270	824	-17	5	360	818	-12	5	309																
18	829	-15	3	295	823	-13	4	360	818	-11	4	309																
21	829	-14	3	284	822	-12	3	309	818	-10	2	283																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -13.7 STD DEV = 3.9 MAX = -2.1 AT 233 GMT ON DAY 7 MIN = -27.2 AT 1237 GMT ON DAY 21
* PRESSURE (MB) * MEAN = 821.4 STD DEV = 3.5 MAX = 829.5 AT 2120 GMT ON DAY 29 MIN = 815.6 AT 1047 GMT ON DAY 21
* WINDS (M/S) * MEAN = 4.5 STD DEV = 2.2 RESULTANT = 3.0 FROM 346. CONSTANCY = .67 MAX = 13.2 FROM 260. AT 206 GMT DAY 17
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: 1.2 % WINDS: 1.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	13	31	31	18	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	40	13	8	0	0	0	0	0	0	1	6	3	9	5	10	4

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	818	-10	1	309	816	-12	9	12	821	-12	9	10	823	-12	6	10	823	-12	5	1	823	-13	5	311	823	-11	2	309
03	817	-11	0	0	815	-13	9	360	821	-14	9	360	822	-13	5	360	823	-14	4	6	823	-15	3	284	822	-13	3	345
06	817	-13	3	360	815	-13	10	8	821	-15	10	8	822	-14	5	360	823	-18	5	360	823	-17	2	255	821	-14	5	359
09	817	-17	3	18	816	-13	12	360	822	-17	8	8	823	-14	5	1	823	-21	4	360	824	-18	0	0	819	-14	9	343
12	817	-18	4	360	817	-16	12	17	822	-16	9	10	823	-15	5	10	823	-21	5	11	824	-17	0	0	818	-13	10	330
15	817	-18	5	27	818	-15	11	360	822	-14	8	360	822	-14	6	360	823	-19	5	8	824	-15	2	294	818	-13	5	309
18	816	-15	6	45	819	-13	9	8	822	-14	7	360	823	-14	6	360	823	-14	6	360	824	-15	3	295	819	-12	6	260
21	816	-11	8	6	820	-12	11	360	823	-12	5	10	823	-13	5	360	823	-13	5	360	823	-12	2	280	820	-12	7	231
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	821	-14	5	225	824	-18	5	41	824	-13	5	309	827	-13	5	360	824	-16	3	360	819	-14	4	316	813	-17	4	270
03	822	-16	3	231	824	-21	3	360	825	-14	3	322	827	-14	6	360	824	-17	3	309	818	-15	5	311	813	-17	3	284
06	823	-17	0	0	825	-24	5	360	825	-19	4	360	826	-15	5	6	823	-17	2	309	817	-17	4	309	813	-17	2	301
09	824	-19	2	309	824	-22	5	3	825	-19	5	347	826	-15	5	360	823	-13	0	0	816	-16	4	309	812	-18	4	309
12	824	-19	1	345	824	-20	8	360	826	-12	3	309	826	-16	5	8	822	-14	1	322	815	-15	5	319	812	-20	4	309
15	824	-17	1	37	823	-18	8	359	826	-13	5	309	X	X	X	X	821	-14	2	270	814	-18	5	321	812	-21	3	309
18	824	-17	3	63	823	-16	8	309	827	-12	4	311	X	X	X	X	821	-14	3	309	814	-20	4	309	811	-19	2	249
21	824	-17	3	54	823	-15	6	312	827	-10	3	309	825	-17	5	360	820	-13	4	291	813	-18	3	270	811	-18	2	231
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	811	-18	2	218	808	-21	8	37	807	-21	10	360	807	-16	7	30	805	-16	7	45	810	-22	1	309	806	-22	6	360
03	811	-18	2	214	807	-21	7	24	808	-21	9	360	806	-17	7	37	806	-17	7	25	810	-23	2	349	805	-25	3	360
06	811	-19	0	0	806	-21	11	10	808	-22	8	4	805	-17	8	45	806	-18	6	37	809	-25	2	1	805	-25	4	360
09	811	-19	1	54	806	-23	12	360	808	-22	10	360	805	-18	7	45	807	-20	5	360	809	-30	3	360	805	-27	4	360
12	811	-19	3	45	806	-25	11	360	808	-23	11	13	805	-19	9	45	808	-19	6	360	808	-28	2	14	805	-30	5	15
15	811	-20	6	38	806	-24	11	360	808	-22	9	360	805	-19	9	34	808	-18	3	360	807	-27	4	360	804	-32	4	360
18	810	-21	6	34	806	-23	11	360	808	-20	8	360	804	-18	7	45	809	-21	3	329	807	-22	4	360	804	-29	3	349
21	809	-23	7	45	807	-23	11	6	807	-17	7	360	804	-17	6	30	810	-21	3	314	806	-22	7	359	804	-27	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	805	-26	0	0	807	-22	2	30	805	-24	10	360	809	-25	9	360	810	-25	7	360	812	-24	1	315	805	-33	5	360
03	805	-27	0	0	806	-25	4	37	805	-26	9	10	809	-23	5	360	810	-25	4	360	811	-24	0	0	804	-34	6	360
06	806	-24	0	0	804	-31	5	12	806	-29	9	13	810	-25	7	8	811	-25	5	360	811	-26	0	0	804	-34	6	8
09	807	-24	2	225	803	-30	7	360	807	-30	8	360	810	-29	6	3	811	-27	3	15	810	-33	3	10	804	-32	8	360
12	807	-23	1	214	803	-31	9	360	807	-32	9	360	810	-34	6	360	811	-29	3	6	809	-37	4	37	804	-31	6	11
15	808	-22	0	0	803	-31	11	13	807	-29	8	360	809	-31	9	360	811	-27	3	360	808	-36	4	12	804	-30	7	360
18	808	-21	1	260	804	-28	10	14	808	-26	11	359	809	-27	9	11	812	-26	1	360	807	-35	3	13	804	-26	10	37
21	808	-20	0	0	804	-24	11	360	808	-25	10	360	809	-26	11	360	812	-25	2	316	806	-34	5	27	804	-25	8	22

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -20.0 STD DEV = 6.2 MAX = -9.5 AT 2134 GMT ON DAY 10 MIN = -37.4 AT 1149 GMT ON DAY 27
* PRESSURE (MB) * MEAN = 814.0 STD DEV = 7.6 MAX = 827.5 AT 2204 GMT ON DAY 10 MIN = 803.2 AT 1428 GMT ON DAY 23
* WINDS (M/S) * MEAN = 5.3 STD DEV = 3.1 RESULTANT = 4.6 FROM 0. CONSTANCY = .87 MAX = 15.5 FROM 360. AT 1806 GMT DAY 16
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .9 % PRESSURE: .9 % WINDS: .9 %

WIND SPEED (M/S).	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	16	21	25	16	13	8	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	51	10	10	0	0	0	0	0	0	0	4	1	3	3	15	3

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	805	-26	10	11	806	-27	5	360	794	-25	8	4	796	-27	7	360	801	-26	7	360	802	-21	6	356
03	803	-24	10	360	806	-28	7	360	805	-28	4	20	793	-30	7	13	797	-28	8	8	802	-26	4	360	801	-22	8	360
06	803	-25	9	12	807	-29	6	360	804	-34	5	360	792	-33	9	13	797	-28	11	11	802	-25	4	360	801	-24	8	360
09	804	-27	5	21	808	-32	6	360	801	-30	7	22	792	-33	8	360	797	-27	12	360	803	-25	4	325	801	-26	8	353
12	804	-28	6	34	808	-33	4	13	800	-32	6	20	792	-34	8	360	798	-28	11	360	803	-29	5	349	802	-23	8	360
15	804	-28	9	37	808	-32	6	18	798	-30	7	21	792	-33	9	4	799	-27	9	360	802	-30	8	360	802	-28	7	6
18	804	-27	9	360	808	-30	7	360	797	-27	8	360	793	-30	9	4	800	-27	7	360	803	-25	6	349	803	-23	7	360
21	805	-26	7	18	807	-29	6	360	795	-24	8	360	795	-27	8	360	801	-25	7	359	803	-23	5	333	804	-23	5	359
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	805	-23	5	360	806	-31	7	8	804	-33	8	8	807	-35	7	20	805	-34	6	24	799	-37	7	360	799	-32	6	360
03	805	-28	7	15	805	-34	7	360	804	-35	9	360	807	-34	5	21	804	-37	7	11	799	-39	8	7	797	-32	7	360
06	806	-31	7	360	805	-35	9	13	805	-38	8	360	807	-34	5	360	803	-38	7	360	799	-41	8	360	796	-33	9	4
09	806	-34	7	360	804	-35	8	7	805	-38	8	10	807	-35	3	360	802	-39	7	360	799	-38	8	360	794	-30	7	8
12	805	-36	8	20	804	-36	9	17	805	-39	8	13	806	-35	5	11	801	-39	7	360	799	-35	8	360	793	-29	6	360
15	805	-35	7	360	803	-36	7	360	805	-38	9	360	806	-36	4	6	800	-38	7	4	799	-32	9	360	794	-31	2	301
18	805	-32	8	10	803	-33	8	360	806	-36	9	360	806	-34	6	360	800	-36	8	11	799	-31	8	1	796	-32	1	284
21	806	-31	6	360	804	-33	9	13	806	-35	8	13	805	-32	6	360	799	-35	8	360	799	-32	7	360	797	-33	1	260
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	798	-34	0	0	802	-34	3	360	804	-36	11	360	810	-22	12	14	818	-27	10	23	817	-26	15	14	822	-21	5	330
03	800	-36	3	360	801	-40	6	6	805	-37	10	360	812	-21	11	360	819	-25	11	37	817	-26	12	11	824	-20	4	301
06	801	-37	4	360	802	-42	6	360	807	-37	10	13	813	-24	9	45	820	-28	8	22	817	-25	14	360	826	-22	3	309
09	802	-41	4	10	802	-41	6	8	807	-38	10	360	813	-28	9	23	820	-27	9	17	817	-26	12	360	826	-24	4	349
12	803	-36	3	8	802	-33	7	360	808	-32	10	11	815	-31	9	21	820	-27	9	23	817	-25	13	11	826	-34	6	360
15	803	-42	4	360	802	-32	9	360	809	-28	10	360	815	-27	11	45	819	-27	11	12	818	-24	11	1	824	-35	8	11
18	802	-42	5	360	802	-35	11	11	809	-27	11	27	816	-27	11	45	818	-27	12	360	819	-24	10	360	821	-30	9	8
21	802	-36	5	15	803	-35	12	17	809	-25	12	18	817	-26	11	21	817	-25	15	360	820	-23	8	349	818	-22	9	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	816	-17	8	330	812	-11	6	360	807	-19	9	349	799	-31	5	45	792	-20	8	360	790	-30	8	11	799	-32	8	6
03	815	-14	8	308	810	-12	5	360	806	-17	7	360	798	-29	5	10	791	-21	8	360	790	-31	9	360	800	-34	8	360
06	816	-14	8	318	811	-21	6	360	805	-18	7	360	797	-26	5	360	792	-25	6	4	791	-32	7	360	801	-33	8	360
09	816	-14	7	309	810	-26	5	10	804	-19	6	4	795	-21	7	15	791	-26	7	360	792	-32	7	10	801	-35	9	360
12	816	-13	8	309	809	-27	7	21	802	-20	6	360	793	-21	9	360	791	-25	7	15	794	-32	8	360	801	-36	9	8
15	815	-12	7	360	809	-27	7	360	802	-24	3	214	792	-22	9	360	790	-27	9	360	795	-33	7	360	801	-36	9	11
18	814	-10	9	347	808	-24	6	360	803	-28	0	0	792	-21	10	359	790	-29	7	12	797	-30	6	360	801	-36	7	360
21	813	-9	5	10	807	-21	7	360	801	-30	5	11	792	-21	9	360	790	-29	8	15	798	-30	7	8	801	-35	7	360
		DAY	29			DAY	30			DAY	31																	
00	801	-36	8	8	801	-39	9	360	804	-34	9	360																
03	801	-38	7	3	801	-39	9	13	805	-35	8	360																
06	801	-39	7	360	801	-37	8	10	806	-36	8	3																
09	801	-38	7	360	801	-38	7	360	806	-39	8	7																
12	801	-39	7	360	802	-37	8	360	806	-41	8	360																
15	801	-40	7	7	802	-36	8	360	806	-38	7	360																
18	801	-40	7	360	803	-34	7	8	806	-33	6	27																
21	801	-39	8	360	804	-34	9	360	805	-33	6	360																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.9 STD DEV = 6.6 MAX = -9.2 AT 1857 GMT ON DAY 22 MIN = -42.7 AT 705 GMT ON DAY 16
* PRESSURE (MB) * MEAN = 804.0 STD DEV = 7.7 MAX = 826.1 AT 1126 GMT ON DAY 21 MIN = 789.7 AT 2208 GMT ON DAY 26
* WINDS (M/S) * MEAN = 7.5 STD DEV = 2.3 RESULTANT = 7.2 FROM 5. CONSTANCY = .97 MAX = 15.7 FROM 15. AT 506 GMT DAY 20
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	2	4	15	41	26	9	2	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	73	18	3	0	0	0	0	0	0	0	0	0	0	1	2	2

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	800	-43	6	360	802	-44	5	360	804	-39	4	27	803	-43	6	7	802	-39	5	325	798	-46	7	360
03	803	-38	6	12	800	-41	6	360	802	-43	5	12	805	-37	0	0	802	-46	7	360	802	-40	6	333	797	-45	7	14
06	802	-39	6	12	800	-43	5	360	802	-46	7	25	805	-34	3	45	800	-38	5	360	803	-40	7	309	796	-43	6	360
09	801	-45	5	15	800	-48	7	17	802	-47	7	360	806	-36	4	37	799	-36	5	360	803	-41	6	330	797	-42	6	360
12	800	-47	5	3	800	-48	6	360	802	-49	6	15	806	-37	5	8	799	-34	5	350	803	-42	7	333	799	-41	5	309
15	800	-48	5	360	801	-45	6	14	802	-49	7	360	806	-39	5	360	799	-39	5	338	802	-42	8	330	802	-39	3	283
18	800	-47	5	360	801	-43	7	360	803	-48	7	17	806	-41	5	360	800	-43	5	309	801	-49	5	360	805	-42	4	295
21	799	-44	5	6	801	-44	8	10	804	-44	5	360	805	-41	6	11	802	-39	5	309	800	-46	6	360	808	-41	3	280
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	811	-44	4	309	802	-34	6	360	776	-31	3	228	782	-38	6	22	786	-42	3	330	789	-50	7	21	795	-41	11	27
03	813	-44	5	294	797	-29	7	360	776	-32	1	189	783	-38	7	17	787	-44	4	309	789	-49	8	22	797	-41	9	30
06	814	-42	5	318	793	-27	5	360	776	-34	0	0	783	-40	8	37	787	-47	3	11	790	-48	9	45	798	-41	9	45
09	814	-39	7	309	789	-27	7	359	776	-33	3	21	783	-39	9	360	788	-44	2	12	790	-45	10	32	799	-42	8	45
12	813	-36	7	309	785	-27	10	13	778	-33	3	360	784	-41	9	18	788	-44	3	11	791	-43	11	45	800	-41	11	44
15	811	-32	5	309	781	-28	9	360	778	-32	3	10	784	-43	8	360	788	-50	5	360	792	-43	10	45	800	-42	8	31
18	809	-32	7	326	778	-29	8	18	780	-35	5	360	785	-42	7	8	789	-49	6	360	792	-42	12	37	800	-42	12	45
21	806	-34	7	329	776	-31	3	42	781	-37	5	7	785	-42	6	349	789	-50	7	25	793	-41	12	25	801	-42	13	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	802	-41	12	15	805	-30	11	45	789	-20	21	45	799	-22	15	45	817	-26	6	18	815	-41	5	360	805	-37	9	15
03	804	-42	10	21	802	-30	13	62	791	-21	20	52	801	-23	14	45	818	-26	6	12	814	-40	5	3	805	-36	9	360
06	804	-41	9	45	799	-26	12	72	794	-23	15	52	804	-24	11	60	818	-31	6	37	812	-41	6	360	807	-38	6	3
09	805	-38	10	45	795	-23	13	90	796	-23	10	38	805	-23	13	60	818	-36	6	32	811	-39	5	360	807	-40	8	360
12	805	-37	10	37	791	-23	16	90	797	-22	7	90	808	-25	13	55	818	-38	6	37	809	-39	6	24	808	-40	6	7
15	806	-37	10	20	789	-23	20	68	797	-23	7	90	810	-22	14	45	817	-39	7	27	807	-41	6	360	808	-39	8	360
18	806	-36	8	28	789	-21	15	77	798	-18	11	68	812	-23	12	45	817	-39	7	360	806	-40	7	10	809	-40	8	360
21	806	-34	9	45	788	-20	19	45	798	-21	15	59	815	-25	8	55	816	-40	6	13	805	-39	9	360	808	-41	8	15
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	808	-39	9	360	808	-43	6	11	803	-44	6	1	800	-53	6	360	800	-45	8	37	797	-46	6	23	792	-33	10	45
03	807	-39	10	360	806	-43	9	8	803	-46	6	4	799	-52	7	20	799	-45	8	45	796	-46	8	45	790	-29	11	48
06	808	-41	9	360	806	-43	7	360	802	-46	5	360	798	-51	8	11	799	-47	9	23	797	-44	7	45	789	-27	11	45
09	809	-42	7	360	805	-43	6	360	802	-47	5	360	797	-50	8	360	799	-47	10	25	796	-43	6	25	787	-27	14	58
12	810	-42	7	360	804	-43	8	10	802	-50	6	360	797	-48	9	360	798	-48	9	45	796	-34	10	45	786	-28	9	45
15	810	-43	6	360	804	-43	7	4	802	-52	5	360	798	-44	9	360	798	-49	8	45	796	-33	10	45	786	-28	12	45
18	809	-43	7	360	804	-44	7	360	802	-52	5	13	799	-45	10	25	797	-48	7	12	795	-38	8	45	786	-31	11	45
21	809	-44	8	360	803	-42	7	360	801	-53	6	360	799	-44	9	21	797	-48	6	45	793	-41	9	41	785	-32	10	45
		DAY	29			DAY	30																					
00	786	-30	10	45	793	-38	11	8																				
03	786	-31	7	45	795	-38	9	360																				
06	786	-30	11	45	797	-39	9	360																				
09	786	-31	10	45	799	-39	10	15																				
12	786	-36	10	32	800	-39	9	360																				
15	786	-36	13	45	800	-40	12	360																				
18	788	-36	15	360	800	-41	10	360																				
21	790	-38	15	10	800	-42	9	7																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -38.8 STD DEV = 7.7 MAX = -18.2 AT 1746 GMT ON DAY 17 MIN = -52.8 AT 1938 GMT ON DAY 24
* PRESSURE (MB) * MEAN = 798.9 STD DEV = 9.2 MAX = 818.3 AT 316 GMT ON DAY 19 MIN = 775.6 AT 43 GMT ON DAY 10
* WINDS (M/S) * MEAN = 7.9 STD DEV = 3.3 RESULTANT = 6.9 FROM 21. CONSTANCY = .88 MAX = 24.5 FROM 60. AT 2125 GMT DAY 16
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	1	6	22	30	21	8	6	4	0	1	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	41	21	22	4	2	0	0	0	0	0	0	0	0	1	5	3

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	800	-42	7	360	796	-51	6	11	787	-32	19	45	785	-34	7	315	798	-41	8	360	790	-44	7	14	784	-35	5	360
03	800	-44	7	360	795	-51	8	18	781	-30	24	15	787	-37	6	352	797	-41	8	360	788	-39	7	360	784	-38	6	11
06	799	-46	6	360	795	-50	6	360	779	-30	17	10	790	-39	7	335	796	-41	9	340	786	-33	8	360	785	-38	7	360
09	799	-45	4	360	795	-50	7	360	776	-27	17	360	792	-42	7	335	796	-41	7	349	785	-32	9	360	786	-37	8	360
12	798	-44	6	343	795	-49	8	13	775	-26	13	360	794	-43	7	360	795	-38	8	336	785	-32	6	360	787	-37	7	10
15	798	-48	6	4	795	-49	10	11	775	-26	10	322	795	-43	8	339	794	-36	6	360	784	-36	6	360	789	-35	9	360
18	797	-49	6	360	795	-47	9	360	777	-31	9	315	796	-41	8	335	793	-38	6	360	784	-36	5	360	790	-35	9	4
21	797	-51	7	360	793	-43	10	22	781	-33	10	309	797	-40	7	332	791	-44	6	6	784	-35	6	360	792	-31	9	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	793	-33	8	28	793	-31	9	11	802	-29	13	23	806	-39	9	23	805	-40	7	360	811	-38	10	360	815	-27	9	18
03	793	-33	12	360	795	-35	6	12	803	-31	11	13	806	-41	9	7	805	-40	9	13	813	-34	11	360	815	-30	7	22
06	793	-32	12	20	795	-27	5	45	804	-28	10	360	806	-43	9	13	804	-41	8	10	814	-33	9	15	815	-33	8	45
09	793	-29	7	46	795	-26	6	72	805	-32	9	360	806	-42	9	360	804	-41	8	360	814	-31	6	30	815	-31	10	20
12	793	-27	9	45	796	-27	7	51	806	-30	9	13	806	-42	7	360	805	-40	9	360	813	-30	8	45	816	-32	9	45
15	792	-27	9	45	797	-33	10	42	806	-33	7	15	806	-43	9	14	806	-39	9	360	813	-27	10	360	815	-31	7	13
18	792	-27	9	45	799	-32	13	37	807	-36	9	360	806	-43	8	7	808	-39	10	7	814	-24	11	10	815	-32	9	45
21	792	-27	8	28	800	-32	12	12	807	-36	9	360	806	-40	7	360	810	-38	11	3	814	-26	11	18	814	-35	9	27
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	814	-35	9	45	811	-30	11	15	814	-35	6	10	822	-37	10	17	825	-23	8	360	824	-12	8	309	825	-22	7	330
03	813	-35	9	31	812	-34	9	360	815	-37	5	360	823	-42	6	360	823	-19	11	345	825	-12	8	308	825	-21	8	330
06	813	-34	8	15	812	-35	10	25	816	-38	5	360	824	-42	7	360	823	-15	10	360	826	-13	7	340	823	-19	6	328
09	812	-32	9	37	812	-32	9	12	818	-39	5	8	825	-41	8	360	822	-14	9	360	826	-16	7	360	822	-20	6	309
12	812	-32	6	10	812	-34	8	28	819	-33	7	15	826	-40	8	6	822	-13	10	338	826	-18	5	360	821	-21	5	309
15	812	-31	7	22	812	-36	6	360	820	-37	7	360	826	-40	8	8	822	-12	9	340	825	-17	5	6	821	-22	3	270
18	811	-32	8	18	812	-36	6	360	820	-36	8	360	826	-39	8	360	822	-11	10	309	824	-11	12	321	821	-23	5	288
21	811	-30	9	37	813	-35	6	10	821	-40	9	14	826	-31	8	360	824	-12	11	309	825	-17	7	309	821	-27	6	293
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	820	-28	7	309	803	-30	4	273	807	-44	4	315	811	-39	2	284	812	-38	0	0	803	-47	6	15	795	-41	5	359
03	818	-29	7	309	804	-33	2	289	809	-46	4	359	810	-41	2	360	813	-38	0	0	801	-52	6	8	796	-44	1	11
06	817	-29	7	329	803	-35	2	309	810	X	5	339	810	-38	0	0	813	-39	0	0	798	-50	6	360	797	X	1	69
09	814	-29	6	360	804	-37	3	326	811	-53	5	360	810	-39	0	0	812	-39	3	314	796	-46	8	360	798	-38	4	45
12	811	-34	7	7	804	-37	4	309	811	-54	4	4	810	-39	0	0	811	-37	1	309	795	-39	8	32	799	-38	3	90
15	807	-31	6	360	804	-40	4	4	811	-51	4	360	811	-43	2	349	810	-41	3	360	793	-36	9	32	800	-39	6	38
18	805	-29	6	360	805	-42	6	309	811	-54	5	7	811	-39	0	0	808	X	5	360	793	-36	7	12	801	-37	5	27
21	804	-29	5	332	806	-49	4	13	811	-52	4	360	812	-38	0	0	806	-51	5	360	793	-39	9	45	801	-39	5	37
		DAY	29			DAY	30			DAY	31																	
00	802	-41	5	360	800	-44	8	45	802	-49	7	360																
03	802	-46	5	14	800	-47	7	45	803	-49	8	360																
06	802	-43	5	15	800	-48	7	31	803	-49	7	360																
09	802	-43	5	360	800	-49	7	24	803	-48	7	13																
12	802	-46	6	360	800	-51	9	360	802	-44	9	10																
15	802	-46	6	37	801	-50	6	360	802	-42	8	360																
18	801	-47	6	30	801	-50	7	10	800	-41	9	360																
21	801	-46	5	360	802	-50	8	11	800	-43	8	13																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -36.1 STD DEV = 9.2 MAX = -10.5 AT 1836 GMT ON DAY 19 MIN = -56.8 AT 1728 GMT ON DAY 24
* PRESSURE (MB) * MEAN = 804.8 STD DEV = 11.9 MAX = 826.6 AT 1316 GMT ON DAY 18 MIN = 774.8 AT 1641 GMT ON DAY 3
* WINDS (M/S) * MEAN = 7.2 STD DEV = 3.0 RESULTANT = 6.6 FROM 5. CONSTANCY = .91 MAX = 24.2 FROM 15. AT 251 GMT DAY 3
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	5	5	19	32	30	6	2	0	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	50	20	10	1	0	0	0	0	0	0	0	0	1	2	9	7

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	798	-44	8	360	797	-49	7	13	801	-32	15	27	802	-33	11	45	810	-26	7	7	808	-24	12	45	811	-30	10	360
03	797	-44	7	8	798	-49	9	360	801	-32	12	45	803	-32	12	38	811	-27	4	17	807	-23	13	21	811	-27	12	6
06	796	-46	8	45	800	-48	9	15	801	-32	12	45	804	-30	14	45	812	-26	5	37	807	-23	15	31	811	-25	14	8
09	795	-47	7	360	800	-45	10	12	801	-32	13	35	805	-28	13	45	812	-27	4	45	808	-23	12	12	813	-26	15	4
12	795	-48	8	360	801	-43	13	30	801	-32	11	45	805	-29	15	41	811	-27	4	45	809	-25	8	360	816	-23	11	360
15	795	-49	8	13	802	-42	10	45	802	-33	11	45	806	-30	10	21	809	-27	6	52	810	-26	8	21	818	-23	12	360
18	795	-50	8	360	802	-40	10	31	802	-30	11	45	807	-29	10	12	808	-24	7	45	810	-30	9	28	819	-22	12	360
21	796	-49	7	360	802	-37	13	45	802	-30	11	30	809	-28	9	45	808	-25	8	45	811	-31	9	45	820	-21	13	14
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	820	-21	16	360	819	-20	18	39	817	-26	12	37	822	-29	3	359	817	-42	8	360	794	-30	16	18	796	-41	11	270
03	819	-21	18	360	818	-21	15	12	818	-29	11	27	823	-36	5	360	816	-41	9	347	791	-30	10	360	803	-43	5	312
06	820	-21	16	15	818	-21	13	45	819	-27	10	45	822	-37	6	345	815	-41	6	360	789	-29	9	360	807	-45	8	340
09	821	-21	16	25	818	-21	15	45	819	-26	8	45	822	-36	7	309	813	-40	6	4	788	-28	4	360	809	-48	7	360
12	822	-21	15	30	817	-22	16	45	820	-26	6	45	821	-38	8	330	811	-41	7	18	788	-33	3	198	810	-48	8	360
15	821	-20	15	37	816	-23	18	41	820	-26	9	37	820	-42	6	360	807	-39	6	18	788	-38	6	218	810	-48	8	7
18	820	-19	14	360	816	-25	16	45	821	-26	8	30	819	-44	6	360	801	-30	13	37	789	-40	8	225	810	-43	10	3
21	820	-21	15	30	815	-24	17	30	822	-27	6	360	818	-45	6	4	797	-29	15	360	791	-41	10	251	810	-38	10	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	809	-36	10	360	806	-41	7	360	793	-19	13	360	793	-16	14	347	802	-22	6	360	809	-26	5	295	802	-31	12	360
03	809	-35	9	4	807	-36	6	22	794	-16	12	360	795	-18	9	330	802	-23	6	7	811	-28	5	289	798	-27	12	335
06	808	-33	12	3	806	-33	7	23	794	-15	12	360	796	-17	9	315	803	-23	8	360	812	-27	9	291	796	-20	12	309
09	807	-32	11	360	805	-28	8	4	793	-14	12	360	797	-18	8	328	804	-28	9	360	812	-31	6	298	797	-21	9	309
12	804	-31	9	360	804	-24	12	360	792	-15	10	8	798	-22	8	360	805	-30	9	352	812	-33	7	315	797	-24	4	294
15	804	-35	9	360	802	-23	12	360	791	-15	12	360	799	-21	7	349	806	-28	9	360	811	-27	7	309	798	-25	6	323
18	803	-37	10	7	798	-22	12	41	792	-16	11	360	800	-20	6	360	807	-28	8	352	809	-30	10	330	800	-26	3	307
21	805	-35	8	347	794	-19	18	15	792	-15	12	356	801	-20	6	330	808	-26	7	309	806	-30	11	346	800	-27	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	800	-28	0	0	798	-31	4	360	792	-26	9	12	791	-31	10	45	796	-32	13	14	804	-44	6	360	800	-27	18	7
03	800	-29	0	0	798	-37	4	11	791	-26	8	15	791	-29	13	45	798	-34	10	45	805	-42	7	1	797	-26	20	360
06	800	-29	0	0	798	-37	4	6	790	-25	5	8	791	-30	12	24	798	-37	12	12	806	-44	8	360	796	-26	21	1
09	800	-29	1	360	797	-33	7	360	789	-22	9	360	792	-29	13	37	799	-40	9	18	807	-45	8	360	796	-27	17	360
12	799	-29	2	360	796	-32	8	360	789	-23	11	360	793	-30	14	45	799	-38	13	12	807	-45	8	11	798	-22	10	335
15	799	-27	1	307	795	-30	9	23	790	-24	9	45	795	-32	13	45	801	-39	8	15	807	-44	9	360	801	-27	7	360
18	799	-30	1	339	794	-30	10	13	790	-28	12	25	796	-30	10	37	802	-40	8	360	806	-41	9	10	803	-26	9	360
21	799	-30	2	360	794	-27	9	360	791	-30	11	30	796	-30	11	27	803	-43	6	4	804	-34	12	12	804	-26	10	359
		DAY	29			DAY	30																					
00	803	-28	12	13	806	-34	14	307																				
03	800	-25	12	360	808	-32	9	316																				
06	795	-23	13	360	809	-29	8	309																				
09	791	-25	10	318	809	-30	7	360																				
12	795	-30	8	309	808	-36	10	359																				
15	798	-32	7	315	807	-30	10	336																				
18	801	-30	9	289	807	-28	9	309																				
21	805	-31	9	309	806	-27	10	330																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -30.4 STD DEV = 8.2 MAX = -13.8 AT 826 GMT ON DAY 17 MIN = -50.5 AT 2141 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 804.1 STD DEV = 8.9 MAX = 822.7 AT 444 GMT ON DAY 11 MIN = 787.1 AT 1335 GMT ON DAY 13
* WINDS (M/S) * MEAN = 9.6 STD DEV = 3.8 RESULTANT = 8.4 FROM 9. CONSTANCY = .87 MAX = 29.8 FROM 360. AT 419 GMT DAY 28
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	3	3	6	22	24	16	14	8	2	1	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	42	19	19	0	0	0	0	0	0	0	1	0	0	3	8	7

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	804	-31	6	360	807	-33	11	360	811	-23	13	360	812	-21	13	360	810	-15	14	360	812	-26	2	277	819	-41	7	1
03	802	-30	7	360	807	-26	11	359	812	-23	15	360	812	-21	13	360	809	-15	14	360	813	-27	4	309	818	-40	7	360
06	800	-27	8	359	807	-24	9	359	812	-23	17	357	811	-21	12	360	808	-15	14	360	815	-29	3	312	816	-35	9	360
09	800	-26	6	309	807	-22	13	315	812	-22	13	3	808	-19	16	11	808	-15	11	360	817	-28	2	301	814	-34	6	17
12	803	-27	6	270	808	-23	10	360	811	-24	17	360	808	-16	12	360	807	-16	11	10	818	-29	4	300	811	-32	7	360
15	806	-35	6	326	809	-24	12	360	811	-25	16	360	809	-15	15	360	807	-17	14	10	819	-32	5	309	807	-24	8	1
18	808	-38	5	356	810	-24	10	359	811	-23	17	360	810	-15	17	360	808	-18	12	360	820	-35	6	343	804	-22	11	360
21	808	-38	8	360	811	-23	13	360	813	-23	15	8	811	-15	14	360	809	-19	6	339	820	-41	6	360	801	-22	10	352
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	800	-21	9	309	815	-18	10	360	810	-23	8	360	812	-23	12	360	819	-45	6	309	814	-37	11	6	819	-38	9	228
03	801	-21	8	301	814	-19	9	8	809	-25	8	360	811	-23	11	342	821	-46	7	309	812	-33	7	360	821	-42	6	214
06	804	-23	6	309	813	-17	12	360	811	-27	7	356	811	-28	8	335	822	-45	6	332	811	-30	8	360	824	-42	7	225
09	808	-22	6	301	812	-21	11	360	813	-28	6	360	812	-31	7	336	822	-47	4	360	811	-35	10	8	826	-43	5	225
12	812	-23	8	322	811	-21	10	1	813	-28	7	360	813	-33	6	309	821	-52	6	10	810	-37	9	14	828	-46	3	235
15	813	-24	8	354	809	-22	10	360	813	-23	13	329	814	-36	5	309	820	-51	7	360	810	-38	7	360	829	-46	1	225
18	814	-23	8	360	808	-24	11	360	815	-29	8	352	816	-40	5	304	818	-44	10	360	812	-36	8	243	829	-45	1	238
21	814	-18	11	349	809	-24	9	360	814	-27	8	360	818	-43	5	312	816	-39	11	15	815	-36	10	225	830	-46	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	830	-49	5	360	821	-42	7	309	811	-45	5	309	812	-55	4	343	809	-58	6	360	804	-38	8	360	795	-38	9	360
03	829	-48	5	360	820	-38	6	329	811	-45	3	350	811	-60	4	8	809	-58	7	8	802	-40	6	360	795	-36	9	360
06	829	-52	6	11	818	-38	5	309	810	X	3	360	811	-61	4	360	808	-56	6	3	801	-36	7	360	796	-30	9	360
09	828	-51	6	360	817	-38	5	321	810	-49	5	309	811	-61	5	360	808	-56	6	360	800	-39	7	6	796	-33	11	21
12	827	-51	7	360	816	-39	5	309	811	-55	4	360	811	-61	5	360	808	-56	8	360	798	-35	9	360	797	-37	11	18
15	825	-51	7	360	814	-39	4	319	811	-52	4	319	811	-60	4	360	807	-54	8	8	797	-35	6	360	799	-35	11	22
18	824	-49	7	360	813	-40	4	309	811	-52	4	309	810	-60	5	8	806	-52	8	14	796	-34	8	10	800	-34	10	22
21	823	-44	7	347	812	-41	3	309	811	-55	5	309	810	-59	5	360	804	-46	7	360	795	-37	10	21	801	-35	13	24
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	802	-35	12	20	809	-36	8	11	809	-41	11	20	803	-37	14	45	795	-41	11	20	796	-45	8	360	801	-47	7	360
03	803	-33	11	360	809	-35	6	1	808	-41	9	360	802	-36	16	37	794	-41	12	30	798	-47	7	10	800	-46	10	360
06	803	-35	12	37	810	-36	6	360	808	-39	8	14	800	-37	16	45	794	-41	11	45	799	-48	8	8	800	-45	11	17
09	804	-36	10	360	810	-39	6	360	807	-35	9	37	799	-37	14	45	793	-41	11	45	800	-48	8	360	800	-44	9	360
12	805	-35	10	14	811	-40	6	7	806	-36	11	37	798	-39	11	28	793	-42	11	37	800	-48	7	360	799	-43	9	360
15	806	-36	10	15	811	-41	6	360	806	-36	12	45	797	-40	12	25	794	-43	11	27	801	-47	8	14	799	-42	9	45
18	806	-37	8	360	811	-40	6	8	806	-37	11	37	797	-42	12	360	794	-43	9	22	801	-49	8	15	798	-41	9	39
21	807	-38	7	360	810	-42	8	360	805	-36	14	30	796	-41	13	45	795	-44	8	360	801	-47	8	360	798	-37	13	45
		DAY	29			DAY	30			DAY	31																	
00	798	-37	13	45	798	-39	7	21	798	-46	8	18																
03	799	-38	12	45	798	-41	7	12	798	-47	9	23																
06	798	-37	14	51	797	-43	5	360	798	-47	8	22																
09	798	-39	13	51	797	-41	6	24	798	-44	9	360																
12	797	-37	15	45	796	-43	5	24	798	-46	7	14																
15	798	-38	12	45	797	-43	6	27	797	-46	11	22																
18	799	-38	8	45	797	-46	8	360	797	-46	10	18																
21	799	-39	6	44	797	-46	9	360	797	-48	8	22																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -36.6 STD DEV = 11.0 MAX = -14.1 AT 1912 GMT ON DAY 4 MIN = -61.2 AT 556 GMT ON DAY 18
* PRESSURE (MB) * MEAN = 808.0 STD DEV = 8.5 MAX = 829.9 AT 2205 GMT ON DAY 14 MIN = 792.8 AT 1229 GMT ON DAY 26
* WINDS (M/S) * MEAN = 8.6 STD DEV = 3.3 RESULTANT = 7.5 FROM 4. CONSTANCY = .88 MAX = 19.2 FROM 360. AT 2022 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	2	4	18	25	19	17	9	4	3	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	54	15	10	0	0	0	0	0	0	0	3	1	1	2	11	4

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	801	-55	6	360	806	-52	6	45	795	-45	14	17	790	-37	16	360	794	-37	14	360	805	-25	16	360
03	798	-47	9	360	802	-55	6	7	805	-53	8	28	794	-41	14	1	791	-37	16	6	794	-35	14	360	806	-25	18	12
06	798	-49	8	18	803	-54	8	360	804	-51	8	22	794	-38	17	7	792	-38	19	11	794	-31	13	7	806	-25	17	45
09	799	-49	7	360	804	-56	7	13	802	-51	9	45	793	-38	15	360	793	-38	17	360	795	-28	14	11	807	-25	17	31
12	799	-50	7	360	805	-55	7	360	800	-51	9	31	791	-37	18	360	794	-37	16	360	796	-26	18	360	807	-24	16	28
15	799	-51	7	360	806	-53	8	13	799	-49	9	22	790	-36	19	10	795	-36	15	360	799	-26	15	360	807	-23	18	45
18	800	-51	6	360	806	-52	7	360	798	-45	12	45	790	-36	18	10	794	-35	19	17	800	-25	18	360	808	-23	13	45
21	801	-52	5	360	806	-52	6	8	796	-45	13	45	790	-37	18	360	794	-38	13	360	803	-25	14	7	808	-22	13	17
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	808	-21	13	15	815	-20	18	11	815	-24	13	32	808	-23	19	360	805	-27	13	11	816	-36	10	30	808	-25	11	360
03	808	-21	13	360	815	-20	21	15	813	-24	15	28	808	-23	19	20	806	-28	8	360	816	-32	10	31	807	-24	9	360
06	809	-21	16	360	816	-19	17	360	810	-27	13	45	807	-24	20	12	806	-30	7	13	816	-32	12	11	806	-23	9	20
09	810	-21	14	360	816	-20	17	12	808	-26	17	31	805	-23	19	37	806	-34	6	360	815	-33	11	360	804	-21	9	21
12	811	-21	14	14	816	-21	18	20	807	-23	21	360	804	-22	14	35	808	-34	8	359	814	-33	11	360	801	-19	12	22
15	812	-21	15	3	817	-22	14	12	807	-24	23	20	801	-21	18	27	812	-31	7	349	813	-33	7	7	800	-18	10	45
18	813	-21	15	360	817	-23	12	25	809	-24	16	360	799	-21	18	12	815	-32	7	14	811	-30	11	11	798	-18	12	34
21	814	-21	16	360	816	-25	10	45	809	-24	20	23	802	-25	14	360	816	-36	7	360	809	-28	12	360	795	-19	13	45
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	792	-18	14	45	787	-28	9	45	797	-37	5	360	803	-39	10	359	809	-28	8	316	794	-21	11	360	814	-37	8	325
03	791	-20	11	45	787	-30	10	360	796	-40	7	23	805	-38	7	360	810	-27	6	309	793	-20	9	349	816	-42	6	360
06	790	-21	11	17	785	-32	13	45	796	-41	10	360	806	-42	8	7	810	-27	8	360	793	-20	11	339	816	-46	7	17
09	789	-22	9	11	787	-33	11	15	796	-41	11	360	805	-41	10	360	809	-29	7	7	793	-24	9	309	814	-44	9	360
12	789	-20	11	45	789	-35	7	1	796	-41	10	11	804	-37	9	8	804	-29	13	360	796	-26	15	291	810	-33	11	360
15	788	-21	12	45	792	-36	5	360	797	-41	12	7	804	-35	8	360	801	-25	13	360	801	-31	13	270	807	-28	11	1
18	787	-26	11	45	795	-35	3	360	799	-41	10	360	805	-32	7	332	797	-26	14	360	806	-32	11	270	804	-29	15	360
21	787	-23	11	37	796	-38	3	3	801	-39	9	360	807	-31	7	309	795	-23	9	4	811	-35	7	301	803	-22	12	339
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	804	-23	11	360	806	-23	9	360	803	-21	12	309	805	-22	10	314	797	-17	13	360	795	-33	5	339	792	-33	1	270
03	803	-21	11	340	806	-18	12	330	803	-21	10	309	805	-21	9	309	794	-17	15	7	795	-32	4	360	792	-33	2	270
06	803	-21	8	335	807	-19	10	338	805	-26	8	270	805	-19	11	309	792	-18	14	360	795	-30	4	7	792	-35	0	0
09	803	-22	8	360	807	-18	8	333	807	-32	3	291	804	-17	10	309	791	-22	11	360	795	-30	4	360	792	-34	1	270
12	803	-22	7	330	807	-19	6	360	807	-35	6	332	804	-18	7	335	791	-22	11	21	794	-29	2	315	792	-38	0	0
15	803	-20	9	309	805	-18	10	360	807	-29	8	309	802	-18	8	357	791	-27	8	360	793	-30	2	326	793	-41	4	360
18	805	-25	8	325	804	-18	11	353	806	-28	7	309	800	-18	9	360	792	-26	8	342	793	-33	0	0	793	-42	5	360
21	806	-23	9	360	803	-18	12	326	806	-27	5	329	798	-18	9	360	794	-33	5	360	792	-34	1	295	794	-41	6	360
		DAY	29			DAY	30			DAY	31																	
00	794	-41	7	13	798	-41	8	360	802	-52	6	37																
03	794	-41	10	20	798	-39	7	1	803	-52	8	32																
06	794	-38	10	15	798	-40	7	360	804	-54	6	32																
09	795	-38	12	37	799	-43	6	360	805	-54	6	32																
12	795	-40	13	45	799	-43	5	360	806	-53	4	45																
15	795	-42	11	32	799	-44	5	3	807	-53	5	360																
18	796	-41	13	17	800	-48	5	32	807	-54	5	6																
21	797	-41	11	360	801	-49	6	360	807	-57	6	11																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -31.9 STD DEV = 10.7 MAX = -15.9 AT 949 GMT ON DAY 25 MIN = -57.2 AT 2301 GMT ON DAY 31
* PRESSURE (MB) * MEAN = 801.5 STD DEV = 7.6 MAX = 817.1 AT 1734 GMT ON DAY 9 MIN = 785.4 AT 606 GMT ON DAY 16
* WINDS (M/S) * MEAN = 10.4 STD DEV = 4.5 RESULTANT = 9.5 FROM 6. CONSTANCY = .91 MAX = 25.3 FROM 15. AT 1334 GMT DAY 10
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	3	3	8	20	16	17	11	9	6	6	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	52	20	11	0	0	0	0	0	0	0	0	0	2	2	7	6

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	807	-57	7	360	805	-55	6	4	803	-54	6	8	812	-51	3	290	802	-53	5	360	799	-35	4	309	789	-36	12	10
03	807	-57	7	360	805	-56	6	360	803	-55	6	10	812	-52	3	270	799	-52	4	360	800	-36	4	340	789	-36	11	11
06	807	-57	7	11	804	-56	7	360	804	-56	5	360	812	-52	4	308	797	-40	6	309	800	-46	4	360	790	-38	9	17
09	807	-57	6	3	803	-55	8	8	805	-56	4	360	811	-52	4	309	795	-35	7	329	799	-49	6	360	790	-39	11	360
12	806	-56	7	360	802	-55	7	10	806	-55	2	360	810	-50	5	309	794	-32	5	309	797	-47	8	17	791	-38	11	360
15	807	-55	5	360	802	-54	7	360	808	-48	2	315	808	-51	5	318	795	-33	5	322	793	-40	11	360	792	-39	9	13
18	806	-55	6	360	802	-54	7	360	810	-48	4	318	806	-49	5	309	796	-34	5	309	791	-38	11	15	792	-39	11	10
21	806	-55	6	7	802	-54	7	13	811	-50	3	270	804	-51	6	360	797	-36	4	309	789	-36	12	360	792	-40	10	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	792	-40	10	37	797	-47	5	360	801	X	3	309	791	-45	10	4	795	-44	7	360	794	-50	6	360	797	-44	8	360
03	792	-42	10	23	798	-47	3	360	800	-50	2	309	791	-47	9	360	796	-46	6	6	794	-50	7	10	797	-45	8	10
06	792	-44	10	18	800	-44	0	0	798	-52	7	360	792	-42	5	360	795	-49	7	360	795	-50	7	360	797	-45	8	360
09	792	-44	8	24	801	-40	0	0	797	-52	7	10	792	-40	6	4	795	-49	6	360	795	-49	8	7	797	-46	8	10
12	792	-45	8	45	802	-38	2	309	795	-51	8	8	793	-41	6	1	795	-49	7	7	795	-47	9	360	796	-46	7	360
15	793	-46	9	360	802	-38	3	309	794	-49	9	360	794	-42	8	8	795	-51	7	13	796	-44	10	8	795	-46	7	360
18	793	-45	10	18	802	-36	4	329	793	-47	10	360	794	-41	7	360	794	-50	6	10	796	-44	10	360	795	-46	7	360
21	795	-46	5	360	802	-46	1	329	792	-46	10	13	795	-41	7	360	794	-48	7	360	797	-43	8	10	794	-45	8	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	794	-45	9	14	791	-44	9	360	798	-36	10	45	796	-18	22	45	797	-21	10	45	798	-38	8	44	786	-32	15	13
03	794	-42	9	13	790	-44	11	14	797	-32	16	46	798	-20	22	45	796	-23	9	79	798	-42	4	7	784	-31	16	360
06	794	-44	8	360	791	-43	11	10	795	-30	15	38	799	-20	20	35	795	-27	9	45	798	-41	8	45	783	-31	21	14
09	793	-46	7	360	792	-41	9	360	794	-26	17	45	800	-21	15	41	796	-33	5	69	797	-42	8	45	781	-33	16	360
12	793	-44	7	24	793	-42	8	360	794	-22	19	45	800	-22	16	45	796	-32	8	38	796	-41	7	39	780	-33	15	360
15	792	-44	8	45	795	-42	10	8	796	-21	16	45	801	-22	14	45	797	-36	7	45	794	-40	13	32	778	-31	12	13
18	791	-44	9	17	796	-40	12	23	796	-20	18	46	800	-23	10	45	797	-38	8	45	791	-37	14	45	777	-32	7	7
21	791	-42	11	360	797	-40	13	360	796	-19	18	38	798	-22	13	65	798	-39	7	32	789	-32	17	360	779	-31	4	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	781	-30	5	360	795	-31	9	360	795	-27	13	30	804	-26	13	360	794	-16	16	360	803	-15	5	360	812	-15	14	11
03	784	-29	3	354	797	-33	8	360	793	-28	16	45	803	-24	14	18	793	-13	18	360	804	-17	9	360	811	-16	18	360
06	786	-34	5	360	799	-35	7	360	794	-28	14	13	X	X	X	X	796	-14	18	11	807	-18	8	360	810	-17	15	360
09	789	-41	3	354	800	-37	7	360	796	-30	13	360	804	-22	18	360	797	-13	26	8	809	-22	7	10	808	-18	13	37
12	790	-38	9	360	799	-33	11	10	797	-29	12	360	804	-21	16	22	799	-14	18	360	811	-23	8	359	805	-18	13	25
15	790	-39	9	3	799	-29	13	12	800	-31	11	7	800	-19	21	45	800	-15	15	360	813	-20	9	360	802	-16	15	25
18	792	-34	7	360	798	-29	16	45	802	-30	10	11	798	-19	16	32	800	-14	15	21	815	-20	8	360	800	-15	13	45
21	794	-31	7	359	797	-28	14	45	802	-27	12	360	795	-17	19	12	801	-15	9	1	815	-18	9	10	798	-15	14	45
		DAY	29			DAY	30																					
00	796	-15	14	24	784	-15	15	22																				
03	797	-17	13	15	790	-21	8	8																				
06	797	-18	9	45	793	-21	10	7																				
09	797	-19	8	45	795	-21	11	360																				
12	794	-16	14	53	796	-22	8	45																				
15	791	-15	17	45	796	-22	11	42																				
18	787	-15	17	53	794	-19	13	45																				
21	784	-15	19	45	794	-20	14	48																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -36.3 STD DEV = 12.7 MAX = -13.1 AT 340 GMT ON DAY 26 MIN = -57.6 AT 241 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 797.1 STD DEV = 6.8 MAX = 815.5 AT 2020 GMT ON DAY 27 MIN = 777.1 AT 1718 GMT ON DAY 21
* WINDS (M/S) * MEAN = 9.5 STD DEV = 4.6 RESULTANT = 8.8 FROM 16. CONSTANCY = .92 MAX = 25.8 FROM 8. AT 900 GMT DAY 26
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	2	6	13	24	17	11	8	7	5	3	2	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	55	15	19	1	0	0	0	0	0	0	0	0	1	0	7	2

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	792	-20	10	45	791	-34	3	11	783	-32	9	360	792	-34	5	360	796	-37	5	360	802	-36	2	322	802	-35	11	15
03	793	-24	7	15	789	-31	4	22	783	-35	8	11	794	-37	4	360	796	-40	6	360	802	-42	2	309	803	-36	9	13
06	792	-30	8	360	787	-36	7	18	783	-38	8	8	796	-34	2	340	797	-41	6	360	802	-43	2	309	805	-38	8	360
09	794	-35	10	345	786	-30	10	360	784	-38	7	360	797	-35	5	340	798	-38	7	329	802	-43	3	322	806	-39	7	360
12	796	-30	8	352	784	-34	10	11	786	-40	8	360	797	-40	4	360	800	-36	6	309	801	-41	3	322	808	-40	8	10
15	797	-35	5	360	784	-37	9	17	787	-40	8	17	795	-37	8	360	801	-35	5	309	801	-40	3	322	809	-40	7	360
18	796	-34	4	22	782	-35	10	360	789	-38	8	15	795	-38	7	8	801	-34	1	309	801	-38	3	309	809	-37	8	13
21	794	-35	4	360	783	-34	10	360	790	-35	6	360	795	-37	6	3	802	-35	3	322	801	-34	9	360	810	-35	8	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	811	-35	7	18	805	-27	15	45	807	-21	14	11	808	-15	8	360	821	-38	3	309	817	-35	7	309	816	-24	8	309
03	810	-36	9	21	803	-26	20	21	806	-20	12	360	807	-16	0	0	822	-40	5	335	816	-35	7	339	816	-27	7	309
06	810	-38	8	18	804	-27	17	360	807	-19	11	6	807	-23	0	0	822	-41	6	335	815	-33	8	335	816	-31	7	309
09	810	-38	9	45	805	-28	12	15	807	-18	11	360	809	-28	0	0	821	-46	2	335	814	-30	7	333	817	-33	7	338
12	809	-35	13	45	806	-29	11	360	806	-17	15	13	812	-30	3	309	820	-43	5	360	814	-29	7	309	817	-32	6	359
15	807	-29	16	31	807	-26	9	360	806	-16	14	360	815	-34	3	335	819	-41	8	360	814	-27	8	270	817	-32	6	360
18	805	-29	20	45	807	-24	11	360	807	-16	14	10	817	-34	3	335	818	-40	6	347	815	-27	8	293	817	-33	6	360
21	806	-28	17	45	808	-22	10	360	808	-15	9	360	820	-36	3	309	818	-37	7	335	815	-25	9	295	817	-31	5	6
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	817	-30	6	3	812	-26	7	360	812	-28	7	360	814	-26	5	360	803	-31	6	11	793	-23	10	360	796	-21	10	360
03	816	-32	5	360	812	-29	6	6	812	-26	7	4	813	-26	3	1	801	-32	7	360	793	-24	11	8	797	-22	11	360
06	816	-33	5	360	811	-27	8	360	812	-26	10	360	812	-27	3	360	799	-33	7	20	793	-24	10	15	799	-25	9	18
09	815	-30	7	360	811	-31	8	360	812	-27	7	360	812	-32	3	1	796	-29	9	360	792	-26	7	360	800	-27	12	27
12	814	-33	7	11	812	-35	7	7	812	-27	7	360	810	-33	4	360	795	-26	9	360	793	-26	9	360	801	-27	9	45
15	813	-31	7	6	812	-34	7	360	813	-24	5	360	808	-34	5	360	794	-23	8	357	794	-24	7	15	801	-28	9	45
18	813	-29	6	360	812	-32	7	3	813	-25	8	360	806	-31	4	360	794	-23	10	360	794	-21	8	18	801	-27	8	20
21	813	-25	7	360	812	-29	7	360	814	-25	6	360	805	-32	6	360	794	-22	9	360	795	-21	11	360	802	-24	8	17
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	803	-27	6	360	804	-34	6	7	792	-23	4	343	794	-27	1	13	792	-25	8	360	790	-25	8	45	801	-26	6	65
03	805	-28	7	360	802	-36	6	360	790	-27	5	13	795	-28	1	360	791	-27	5	8	791	-26	8	45	801	-28	5	90
06	806	-32	7	360	800	-39	7	360	788	-28	8	360	796	-29	1	8	790	-28	3	45	793	-29	7	46	801	-27	6	65
09	807	-35	6	359	798	-38	8	11	786	-30	12	360	797	-30	2	360	789	-29	5	42	794	-30	8	45	802	-30	8	45
12	808	-37	4	360	796	-37	8	7	786	-30	12	17	796	-31	4	45	789	-26	6	45	796	-32	10	46	802	-31	9	45
15	807	-36	4	360	795	-31	6	360	787	-27	12	21	795	-31	3	20	789	-25	5	49	797	-31	11	45	802	-30	9	55
18	807	-35	5	360	793	-26	6	360	790	-27	8	360	794	-26	7	28	788	-26	7	45	798	-29	8	45	802	-29	6	27
21	805	-34	8	360	793	-23	4	360	792	-26	5	360	793	-25	8	360	789	-26	8	45	800	-27	8	45	803	-28	7	45
		DAY	29			DAY	30			DAY	31																	
00	804	-27	9	45	801	-23	16	45	787	-20	0	0																
03	804	-30	10	35	799	-24	15	45	785	-24	4	225																
06	805	-27	13	39	796	-26	19	42	785	-26	6	270																
09	806	-27	15	35	796	-26	16	37	786	-28	3	252																
12	807	-28	14	45	794	-25	13	45	789	-29	4	276																
15	806	-25	14	45	792	-25	13	45	791	-31	3	270																
18	805	-23	16	55	791	-22	6	23	793	-28	3	270																
21	803	-23	18	48	790	-20	4	21	794	-27	5	250																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -30.1 STD DEV = 6.0 MAX = -14.1 AT 2241 GMT ON DAY 30 MIN = -46.3 AT 935 GMT ON DAY 12
* PRESSURE (MB) * MEAN = 801.7 STD DEV = 9.8 MAX = 821.9 AT 615 GMT ON DAY 12 MIN = 782.2 AT 1802 GMT ON DAY 2
* WINDS (M/S) * MEAN = 7.4 STD DEV = 3.6 RESULTANT = 6.6 FROM 11. CONSTANCY = .88 MAX = 21.7 FROM 48. AT 1931 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	5	11	19	27	21	8	3	4	2	1	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	50	14	17	1	0	0	0	0	0	0	0	1	2	1	8	7

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	798	-29	0	0	806	-35	3	360	803	-33	0	0	798	-36	5	360	798	-30	9	359	808	-27	7	360	812	-23	7	45
03	799	-30	0	0	806	-37	5	11	802	-36	0	0	797	-38	2	346	799	-32	7	360	809	-28	8	6	810	-22	8	69
06	801	-31	1	270	806	-40	5	360	801	-36	0	0	796	-42	7	8	801	-35	6	360	811	-31	9	360	808	-21	8	45
09	803	-32	0	0	806	-42	6	360	801	-36	0	0	795	-38	7	360	803	-37	7	360	812	-32	11	7	807	-21	11	27
12	804	-33	0	0	805	-41	6	8	800	-41	3	360	794	-34	7	7	805	-36	7	360	813	-32	8	360	806	-21	11	360
15	805	-36	5	353	805	-41	4	8	800	-41	3	8	794	-34	10	360	805	-33	9	13	813	-30	8	14	807	-20	10	360
18	805	-36	3	360	804	-38	3	8	799	-36	0	0	795	-36	9	340	806	-29	10	7	813	-28	8	17	808	-21	8	360
21	806	-35	5	360	803	-36	1	360	798	-36	0	0	797	-30	8	360	807	-27	10	360	813	-26	4	17	809	-21	9	10
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	810	-21	8	360	800	-18	12	7	811	-19	5	11	820	-17	0	0	815	-21	0	0	812	-18	4	34	814	-21	6	66
03	809	-22	10	12	801	-18	11	360	813	-22	4	4	820	-19	0	0	813	-21	0	0	813	-21	4	45	813	-22	5	90
06	808	-23	13	23	801	-17	10	45	815	-23	4	360	820	-20	0	0	812	-24	2	360	813	-21	4	45	813	-26	5	82
09	805	-20	21	23	802	-19	11	37	817	-22	3	339	819	-21	0	0	811	-28	3	60	814	-25	5	45	812	-28	5	90
12	804	-20	22	34	802	-17	14	20	819	-26	3	354	819	-21	0	0	810	-26	5	45	815	-26	8	52	811	-28	8	54
15	802	-21	23	45	804	-20	9	3	819	-25	1	360	818	-18	0	0	810	-24	7	45	815	-24	5	45	810	-26	9	49
18	801	-19	18	45	807	-20	8	360	820	-20	0	0	817	-21	0	0	810	-19	8	51	815	-22	5	66	810	-25	8	44
21	800	-18	15	20	809	-19	7	360	820	-17	0	0	816	-19	0	0	811	-18	7	45	814	-21	7	45	809	-23	7	45
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	808	-22	8	79	807	-21	7	45	811	-21	5	360	809	-19	9	7	809	-18	16	28	807	-16	15	360	812	-18	4	225
03	808	-21	8	51	807	-23	6	22	811	-23	5	360	809	-20	9	360	809	-18	14	32	807	-16	15	13	813	-20	4	224
06	807	-23	10	45	807	-25	9	23	811	-26	4	360	809	-21	8	360	808	-18	13	45	807	-17	14	13	815	-22	4	225
09	807	-23	11	35	807	-26	7	24	811	-26	5	25	809	-21	9	22	808	-18	13	45	808	-18	10	360	817	-23	4	235
12	807	-23	8	45	808	-24	8	360	811	-26	6	10	809	-20	11	27	808	-19	12	45	808	-17	9	360	819	-20	5	225
15	807	-23	8	45	809	-22	8	360	810	-23	8	360	809	-18	13	27	807	-18	13	31	809	-17	9	10	820	-18	5	225
18	807	-22	7	21	809	-21	9	6	809	-21	9	360	809	-18	12	37	806	-17	17	21	809	-16	7	360	821	-19	5	294
21	807	-20	6	30	810	-20	9	6	809	-19	11	360	809	-18	14	45	806	-17	15	360	810	-15	6	3	822	-18	5	309
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	823	-18	5	323	825	-9	4	309	821	-12	5	280	825	-14	5	360	825	-12	8	1	820	-12	4	359	813	-12	6	359
03	824	-19	5	309	824	-11	4	328	822	-12	3	309	825	-13	4	360	823	-14	10	360	819	-14	3	360	813	-14	5	4
06	825	-21	5	325	823	-13	3	360	823	-13	3	300	826	-13	3	360	822	-17	8	360	817	-18	3	360	813	-17	5	4
09	826	-23	6	309	822	-17	4	21	824	-14	4	326	826	-14	3	10	822	-18	6	8	816	-20	4	360	814	-19	5	360
12	826	-24	6	360	821	-17	5	360	825	-13	4	360	827	-10	3	338	821	-18	5	359	816	-20	4	11	815	-20	7	360
15	826	-15	4	359	820	-16	6	309	825	-12	4	330	826	-13	5	360	821	-16	5	360	815	-16	5	1	815	-18	7	360
18	826	-11	5	326	821	-14	6	309	825	-11	6	359	826	-13	6	360	820	-14	6	360	814	-13	7	360	816	-15	9	360
21	825	-10	5	309	821	-12	6	298	826	-12	5	4	826	-12	6	3	820	-13	4	309	813	-12	7	360	817	-14	10	360
		DAY	29			DAY	30																					
00	818	-14	8	360	825	-13	4	360																				
03	818	-15	6	3	826	-11	5	360																				
06	819	-17	6	360	826	-13	6	353																				
09	819	-17	8	1	827	-17	4	360																				
12	821	-16	9	360	827	-14	6	350																				
15	821	-15	7	360	827	-14	5	360																				
18	823	-12	8	349	827	-12	4	342																				
21	824	-15	6	309	827	-11	2	231																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -21.7 STD DEV = 7.6 MAX = -8.8 AT 39 GMT ON DAY 23 MIN = -42.3 AT 852 GMT ON DAY 2

* PRESSURE (MB) * MEAN = 812.4 STD DEV = 8.3 MAX = 827.1 AT 1341 GMT ON DAY 30 MIN = 793.8 AT 1433 GMT ON DAY 4

* WINDS (M/S) * MEAN = 6.5 STD DEV = 4.0 RESULTANT = 5.7 FROM 12. CONSTANCY = .87 MAX = 23.7 FROM 25. AT 1354 GMT DAY 8

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	11	12	28	18	17	5	4	2	1	0	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	54	12	15	2	2	0	0	0	0	0	3	0	1	1	6	3

STATION : 8903 BYRD LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	827	-13	2	189	823	-16	4	360	820	-14	4	225	812	-16	5	3	806	-16	7	360	812	-18	11	21	814	-18	10	37
03	827	-14	1	226	823	-17	3	359	820	-15	4	189	809	-16	6	360	807	-17	7	360	812	-19	8	14	814	-18	9	25
06	826	-17	0	0	822	-17	4	359	820	-16	3	210	806	-16	8	360	808	-18	8	360	813	-21	10	360	814	-18	9	45
09	826	-19	0	0	821	-15	3	359	820	-17	5	208	805	-19	8	21	810	-19	8	360	814	-21	9	37	814	-19	7	39
12	826	-18	0	0	821	-15	4	315	819	-17	3	229	804	-19	9	1	811	-19	8	1	814	-22	10	37	813	-20	7	45
15	825	-17	3	346	820	-16	3	270	818	-16	2	225	804	-18	9	360	811	-18	8	17	815	-21	10	24	812	-18	6	45
18	824	-16	4	360	820	-14	4	215	816	-14	0	0	805	-18	9	360	812	-18	8	360	815	-19	12	31	812	-18	8	45
21	823	-15	4	360	820	-14	5	233	814	-15	2	360	805	-17	9	359	812	-18	9	360	814	-18	10	45	811	-17	6	30
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	810	-16	9	12	812	-14	7	24	814	-16	11	37	816	-15	11	45	819	-13	7	44	828	-12	4	4	834	-14	8	1
03	810	-16	8	37	812	-15	7	45	814	-16	11	25	816	-15	11	45	819	-13	6	45	829	-13	5	360	833	-12	11	353
06	810	-17	7	23	812	-17	6	60	815	-17	10	45	817	-16	10	37	820	-13	8	37	831	-15	4	22	832	-9	5	360
09	810	-17	7	360	812	-17	5	37	815	-18	7	34	817	-17	8	45	822	-14	6	31	832	-15	3	360	832	-8	7	260
12	810	-17	9	15	812	-17	8	45	816	-18	7	45	817	-16	8	45	823	-13	11	31	833	-14	3	359	834	-11	7	252
15	810	-16	10	360	812	-17	9	21	816	-17	9	45	818	-15	7	45	824	-12	8	45	834	-13	4	352	835	-10	5	252
18	811	-15	10	20	812	-16	11	45	816	-16	10	30	818	-15	8	41	825	-12	8	360	834	-13	5	349	836	-9	4	270
21	811	-15	9	360	813	-16	12	45	816	-15	11	35	818	-13	6	41	826	-12	8	13	835	-13	7	360	837	-9	3	270
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	838	-8	2	259	839	-7	3	280	834	-6	3	270	830	-6	6	266	824	-9	9	270	821	-11	0	0	826	-10	3	330
03	839	-8	1	225	838	-7	3	284	834	-6	3	225	829	-6	6	270	823	-10	7	259	821	-13	1	90	826	-10	6	360
06	839	-8	0	0	838	-7	3	270	833	-7	2	225	828	-8	8	269	822	-11	6	270	822	-12	2	307	827	-12	7	360
09	839	-8	3	309	838	-12	3	301	832	-7	1	231	827	-8	6	229	821	-12	7	256	823	-12	3	246	828	-13	8	360
12	839	-6	5	270	837	-12	3	280	832	-7	1	284	827	-9	3	270	820	-12	2	309	824	-14	2	31	829	-14	7	360
15	839	-6	5	270	837	-8	4	301	831	-6	2	309	825	-8	8	255	820	-11	4	301	824	-12	4	360	829	-13	8	360
18	839	-5	5	274	836	-7	3	288	831	-6	4	249	825	-8	10	225	819	-11	4	255	824	-11	6	360	830	-11	8	360
21	839	-6	2	289	835	-6	3	262	830	-6	4	270	824	-9	8	250	820	-12	3	225	825	-9	4	325	830	-11	8	4
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	830	-10	7	8	829	-10	6	354	830	-9	2	225	831	-9	2	360	828	-10	4	6	828	-11	5	360	834	-9	6	360
03	830	-12	8	360	828	-10	5	360	830	-9	1	155	831	-10	2	45	828	-12	5	360	829	-13	6	7	834	-10	3	360
06	830	-14	6	360	828	-10	5	360	831	-9	0	0	830	-11	3	70	828	-14	4	20	829	-15	6	360	834	-10	2	13
09	829	-13	7	360	828	-10	4	349	831	-9	1	309	829	-12	5	45	828	-13	5	45	830	-17	6	10	834	-17	3	360
12	829	-14	7	15	828	-10	3	309	831	-9	0	0	829	-17	7	13	828	-13	6	37	831	-16	5	360	834	-15	3	360
15	829	-13	7	354	828	-10	3	316	831	-5	0	0	828	-15	6	360	827	-12	7	21	832	-14	6	360	833	-15	3	360
18	829	-13	6	350	829	-9	4	278	831	-8	0	0	828	-14	8	3	828	-12	7	360	833	-12	6	360	832	-12	3	360
21	829	-10	5	309	829	-9	2	270	831	-9	1	1	828	-11	7	360	828	-11	7	360	833	-10	6	359	832	-11	3	1
		DAY	29			DAY	30			DAY	31																	
00	831	-11	1	360	831	-13	2	198	831	-12	4	214																
03	830	-13	1	360	831	-13	3	111	X	X	X	X																
06	830	-15	2	360	831	-13	1	90	X	X	X	X																
09	830	-16	2	346	831	-13	0	0	X	X	X	X																
12	830	-17	3	307	831	-13	0	0	X	X	X	X																
15	830	-17	1	90	831	-13	1	300	X	X	X	X																
18	830	-14	3	360	831	-12	1	225	X	X	X	X																
21	831	-12	0	0	831	-12	2	225	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -13.1 STD DEV = 3.7 MAX = -5.1 AT 1419 GMT ON DAY 24 MIN = -22.0 AT 1133 GMT ON DAY 6
* PRESSURE (MB) * MEAN = 824.3 STD DEV = 8.8 MAX = 839.0 AT 806 GMT ON DAY 15 MIN = 804.3 AT 1652 GMT ON DAY 4
* WINDS (M/S) * MEAN = 5.4 STD DEV = 3.0 RESULTANT = 3.6 FROM 3. CONSTANCY = .67 MAX = 14.1 FROM 30. AT 2323 GMT DAY 6
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.8 % PRESSURE: 2.8 % WINDS: 2.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	15	24	17	20	17	5	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	36	11	16	1	1	0	0	0	1	1	7	4	10	4	5	2

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	648	-28	1	349	657	-31	1	21	660	-31	3	270	655	-33	3	270	650	-33	3	276	649	-34	2	270	654	-33	2	339
03	649	-28	2	360	658	-28	3	336	660	-28	5	271	653	-29	3	251	649	-29	4	270	650	-29	2	243	655	-32	4	309
06	650	-26	2	360	659	-27	2	280	659	-27	6	283	653	-29	3	249	650	-30	6	291	650	-28	2	225	655	-31	6	350
09	651	-24	3	360	659	-25	2	309	659	-28	6	270	652	-29	4	255	650	-30	4	270	651	-26	2	215	657	-29	5	326
12	652	-25	1	360	660	-30	2	309	658	-31	3	270	652	-31	1	270	650	-31	6	263	652	-24	0	0	658	-30	2	360
15	654	-27	1	8	660	-37	2	308	657	-38	3	280	651	-40	2	270	649	-37	3	270	652	-30	1	359	659	-34	2	309
18	654	-36	2	349	660	-36	1	309	656	-40	3	266	650	-43	2	269	649	-41	2	270	652	-36	0	0	659	-37	1	359
21	656	-29	0	0	660	-37	3	270	655	-39	2	256	650	-39	1	270	650	-39	2	280	653	-37	0	0	660	-29	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	661	-26	0	0	661	-29	4	204	655	-29	3	205	651	-30	3	207	650	-31	5	218	648	-32	3	180	649	-31	2	146
03	662	-22	0	0	661	-27	6	189	654	-26	4	225	651	-25	6	191	650	-28	6	183	648	-29	5	141	649	-29	3	149
06	662	-18	1	231	660	-24	6	198	654	-22	4	225	651	-23	5	180	650	-27	7	195	648	-30	5	125	649	-28	2	132
09	663	-19	2	225	660	-22	5	204	653	-20	3	225	651	-22	5	180	650	-27	5	189	648	-29	3	138	650	-26	2	161
12	663	-23	2	231	659	-24	3	212	653	-23	2	238	651	-26	2	225	649	-30	2	225	649	-31	2	141	650	-28	2	191
15	663	-31	2	225	658	-32	2	225	652	-29	3	239	651	-34	3	214	649	-39	3	203	648	-38	2	141	650	-35	1	141
18	663	-37	3	225	657	-39	2	189	652	-35	3	225	651	-39	3	201	648	-34	1	180	649	-40	2	141	650	-35	0	0
21	662	-33	3	208	656	-35	2	225	651	-33	2	225	651	-37	2	225	648	-38	2	184	649	-37	0	0	650	-35	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	651	-28	0	0	652	-32	1	141	650	-33	1	225	652	-34	1	142	657	-32	3	90	660	-31	4	45	657	-33	4	225
03	651	-29	3	146	652	-29	2	161	650	-28	1	180	653	-29	1	141	657	-31	6	82	660	-29	5	31	656	-30	5	224
06	651	-23	1	180	652	-27	2	159	650	-26	0	0	654	-29	1	120	657	-32	5	79	660	-28	4	8	655	-29	6	243
09	652	-24	1	180	652	-25	1	180	650	-26	1	229	655	-26	1	121	657	-32	6	79	660	-26	3	360	654	-30	5	225
12	652	-25	2	180	652	-28	1	174	651	-27	1	232	656	-30	2	141	658	-35	3	83	660	-29	2	309	654	-35	4	225
15	652	-36	2	180	651	-37	2	180	651	-36	2	198	656	-40	2	141	658	-35	5	39	658	-39	2	298	654	-40	4	225
18	652	-40	2	179	650	-40	2	180	651	-40	1	180	656	-34	4	90	658	-33	5	45	658	-40	3	245	653	-42	5	215
21	653	-38	1	180	650	-39	1	190	651	-39	1	167	657	-33	4	90	659	-31	6	45	658	-39	3	226	654	-36	6	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	654	-32	7	197	655	-34	4	225	X	X	X	X	650	-32	3	180	650	-33	2	111	654	-33	0	0	655	-32	3	225
03	654	-33	7	198	655	-32	5	218	652	-33	5	179	650	-30	1	180	649	-32	3	90	654	-31	1	54	654	-29	3	240
06	654	-31	7	200	655	-29	6	225	651	-32	6	180	649	-30	4	155	649	-31	3	90	655	-28	1	360	654	-30	4	225
09	654	-30	5	198	655	-31	6	198	651	-32	4	149	649	-29	3	149	650	-32	2	70	655	-27	0	0	653	-30	3	270
12	654	-35	3	225	654	-36	3	225	651	-36	2	180	649	-34	2	183	650	-38	2	82	656	-29	1	314	653	-36	3	249
15	654	-41	2	225	654	-41	3	212	650	-42	3	180	649	-38	2	141	651	-42	1	101	655	-38	2	243	652	-43	3	263
18	655	-41	3	225	654	-42	3	180	650	-40	2	180	649	-44	2	141	652	-38	1	54	655	-42	2	231	653	-41	2	231
21	655	-38	3	225	X	X	X	X	650	-38	2	180	649	-39	1	139	653	-38	0	0	656	-38	1	270	652	-40	1	225
		DAY	29			DAY	30			DAY	31																	
00	652	-33	0	0	655	-34	3	141	658	-34	3	129																
03	652	-30	2	148	656	-31	4	135	658	-32	3	141																
06	652	-29	1	146	656	-31	5	124	658	-32	2	120																
09	653	-29	2	141	657	-31	3	124	657	-31	2	141																
12	X	X	X	X	657	-38	2	141	657	-37	2	138																
15	653	-43	2	141	657	-44	2	141	657	-39	1	149																
18	654	-42	2	136	658	-43	2	131	657	-42	1	180																
21	655	-39	2	143	658	-41	2	141	656	-38	1	166																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -32.4 STD DEV = 5.4 MAX = -9.5 AT 436 GMT ON DAY 8 MIN = -45.4 AT 1608 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 653.7 STD DEV = 3.8 MAX = 662.9 AT 1027 GMT ON DAY 8 MIN = 647.7 AT 330 GMT ON DAY 13
* WINDS (M/S) * MEAN = 2.7 STD DEV = 1.7 RESULTANT = 1.2 FROM 204. CONSTANCY = .46 MAX = 8.1 FROM 215. AT 551 GMT DAY 23
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: 1.2 % WINDS: 1.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	39	41	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	6	1	3	0	5	2	15	5	15	7	19	5	10	1	4	1

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	656	-31	1	180	650	-34	1	225	650	-31	0	0	651	-33	0	0	651	-35	0	0	651	-38	0	0	654	-32	3	270
03	655	-31	1	195	649	-31	1	225	650	-29	0	0	651	-32	1	90	651	-33	3	45	652	-32	2	4	653	-29	3	229
06	654	-30	3	180	649	-30	1	250	650	-28	0	0	651	-32	1	69	651	-33	3	45	652	-30	0	0	653	-29	4	277
09	653	-30	1	188	648	-31	1	262	650	-28	0	0	651	-31	0	0	650	-35	1	45	652	-32	1	360	653	-33	3	270
12	653	-36	2	225	648	-39	2	236	651	-34	1	208	651	-38	2	84	651	-40	2	76	652	-38	0	0	653	-39	2	270
15	652	-44	3	193	648	-42	2	225	650	-40	2	141	651	-43	2	45	651	-44	3	44	652	-39	1	316	652	-44	2	270
18	651	-43	2	180	649	-38	0	0	651	-41	1	120	651	-43	2	45	651	-46	2	45	653	-36	2	316	652	-45	3	240
21	650	-42	0	0	649	-36	0	0	651	-40	0	0	651	-41	1	45	651	-44	1	45	653	-38	1	251	652	-43	1	262
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	651	-39	2	225	651	-36	1	208	653	-37	3	180	656	-38	3	161	659	-34	4	189	656	-38	6	229	655	-38	4	195
03	651	-32	2	225	652	-31	1	225	654	-32	5	141	657	-33	4	161	660	-32	4	198	656	-34	6	225	655	-32	4	207
06	651	-29	0	0	652	-31	1	218	654	-32	4	149	657	-31	4	158	659	-30	3	225	655	-33	7	218	653	-30	4	231
09	651	-33	1	231	652	-32	1	184	654	-36	4	158	657	-36	2	161	659	-34	3	228	656	-37	7	225	652	-34	5	251
12	651	-40	3	271	652	-40	3	172	654	-41	4	180	658	-42	3	179	659	-41	4	229	656	-41	6	194	651	-38	4	232
15	650	-42	3	225	652	-43	3	172	655	-46	3	180	X	X	X	X	659	-44	3	225	656	-42	5	180	651	-44	3	214
18	650	-43	2	224	652	-45	3	180	655	-49	3	165	X	X	X	X	658	-48	3	243	656	-45	4	180	651	-43	2	198
21	651	-44	1	225	653	-42	3	159	656	-47	2	141	659	-45	2	197	657	-44	4	250	656	-43	4	180	651	-43	3	198
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	652	-36	2	180	654	-34	1	141	649	-35	1	75	643	-41	3	180	641	-45	3	141	644	-45	3	111	647	-41	2	115
03	652	-31	3	194	654	-30	1	105	648	-33	0	0	642	-39	3	172	641	-37	4	141	645	-37	5	90	647	-36	2	120
06	653	-30	2	172	653	-29	2	107	646	-33	1	77	642	-36	4	189	642	-33	5	135	645	-35	4	101	647	-32	1	141
09	653	-32	2	206	652	-31	0	0	646	-35	0	0	641	-39	3	201	642	-38	4	141	645	-36	4	101	646	-38	2	158
12	653	-39	2	225	652	-34	1	90	645	-41	1	141	641	-45	3	189	643	-42	4	141	646	-42	3	121	645	-46	2	179
15	653	-44	1	172	651	-38	1	90	644	-44	2	141	640	-49	3	174	643	-48	3	141	646	-39	4	90	644	-50	2	190
18	654	-40	2	170	650	-42	1	93	643	-45	3	149	640	-54	3	141	643	-51	3	111	646	-46	3	141	643	-54	2	180
21	654	-41	2	166	650	-37	1	90	643	-46	4	163	640	-52	3	141	644	-50	3	141	647	-45	2	122	641	-55	2	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	641	-47	3	193	637	-51	1	141	639	-54	2	270	640	-50	2	225	639	-52	2	207	641	-50	1	90	645	-46	3	309
03	640	-40	3	180	638	-42	0	0	639	-45	3	266	641	-46	3	225	639	-46	1	225	642	-44	3	42	646	-38	4	309
06	639	-38	3	180	639	-38	0	0	640	-41	3	262	641	-40	2	232	640	-39	0	0	643	-39	3	360	646	-37	4	297
09	639	-41	2	180	639	-37	0	0	641	-44	3	270	641	-44	3	240	640	-41	0	0	643	-40	3	6	646	-38	4	309
12	639	-47	3	183	639	-42	1	349	641	-51	2	270	641	-53	3	225	640	-48	3	197	644	-43	3	360	646	-44	4	297
15	637	-55	3	174	639	-46	2	333	640	-59	2	243	639	-61	1	225	640	-53	2	170	644	-44	4	318	645	-51	3	270
18	636	-60	2	180	639	-55	2	285	640	-61	2	217	639	-61	2	207	640	-56	2	120	644	-50	3	309	644	-53	3	280
21	637	-57	2	180	639	-54	3	270	640	-58	2	215	639	-59	2	211	641	-49	3	68	645	-50	3	309	643	-47	2	270

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -40.6 STD DEV = 7.6 MAX = -25.9 AT 647 GMT ON DAY 3 MIN = -64.9 AT 1634 GMT ON DAY 25

* PRESSURE (MB) * MEAN = 648.1 STD DEV = 6.0 MAX = 659.7 AT 329 GMT ON DAY 12 MIN = 636.2 AT 1833 GMT ON DAY 22

* WINDS (M/S) * MEAN = 2.3 STD DEV = 1.3 RESULTANT = 1.1 FROM 193. CONSTANCY = .48 MAX = 8.3 FROM 204. AT 838 GMT DAY 13

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .9 % PRESSURE: .9 % WINDS: .9 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	40	52	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	0	5	3	6	5	9	6	19	10	17	4	9	2	4	1

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	638	-50	2	4	639	-47	3	34	633	-48	2	270	630	-55	3	270	629	-54	3	280	633	-51	3	203
03	643	-38	1	309	639	-42	1	360	640	-39	4	14	632	-42	0	0	630	-50	3	257	629	-50	3	270	633	-45	0	0
06	643	-36	0	0	639	-39	1	360	640	-34	3	22	632	-42	1	270	630	-49	3	270	629	-51	3	281	633	-45	1	251
09	642	-39	3	350	640	-39	1	37	639	-36	3	45	632	-44	2	270	630	-51	3	270	630	-53	3	231	634	-50	2	270
12	641	-44	3	333	639	-45	4	53	638	-41	3	31	631	-55	3	270	630	-60	3	270	630	-66	2	250	633	-57	3	270
15	640	-49	2	360	639	-53	3	68	637	-45	3	14	630	-66	2	270	629	-63	2	270	630	-63	2	225	632	-60	2	294
18	639	-52	3	330	638	-59	2	69	635	-50	2	22	630	-60	3	264	629	-60	2	245	631	-62	2	225	632	-59	3	309
21	638	-53	2	347	638	-53	2	45	634	-51	2	339	630	-58	3	273	629	-58	3	263	632	-62	1	211	632	-58	2	309
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	631	-52	2	330	629	-51	4	326	629	-56	1	257	631	-60	2	274	631	-60	3	90	632	-48	6	360	624	-38	6	45
03	631	-48	4	326	629	-45	4	309	629	-52	0	0	631	-55	2	270	632	-54	2	89	632	-45	5	13	622	-38	6	45
06	631	-43	5	360	630	-43	3	343	630	-54	1	225	631	-53	0	0	632	-55	2	45	632	-37	5	37	621	-38	4	38
09	630	-42	5	350	630	-46	2	360	631	-58	2	249	631	-60	1	309	632	-62	1	45	631	-41	6	12	621	-41	7	329
12	630	-47	4	360	630	-48	3	347	630	-69	2	253	630	-68	1	162	632	-64	3	8	631	-38	6	45	622	-48	9	309
15	629	-53	4	309	629	-53	3	360	631	-66	3	266	630	-64	2	135	633	-59	3	347	630	-35	6	44	623	-53	9	309
18	629	-57	3	336	628	-61	2	315	631	-65	3	260	630	-68	2	141	634	-56	2	360	628	-35	6	66	623	-57	8	314
21	628	-55	4	315	628	-60	2	297	630	-67	2	270	630	-69	2	120	633	-51	3	37	626	-36	6	51	623	-61	8	312
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	623	-57	8	308	632	-56	2	180	636	-56	0	0	641	-59	4	270	636	-64	3	190	638	-63	4	180	636	-62	2	189
03	623	-56	7	270	633	-55	2	155	638	-54	2	231	641	-55	3	270	637	-59	4	180	638	-55	3	188	637	-54	2	179
06	623	-57	5	260	634	-54	1	141	638	-55	3	259	640	-55	4	270	637	-58	4	206	638	-55	2	180	638	-50	0	0
09	625	-60	3	260	635	-62	1	155	639	-62	3	270	639	-62	5	257	637	-62	5	198	637	-63	3	225	638	-58	0	0
12	626	-67	3	246	635	-64	0	0	640	-65	3	238	638	-66	4	240	637	-63	5	186	637	-66	3	205	638	-57	1	270
15	627	-63	3	225	635	-64	2	113	640	-64	3	225	638	-64	4	225	637	-65	4	177	637	-67	2	190	639	-55	2	302
18	629	-63	1	231	634	-67	1	141	641	-65	3	225	637	-67	4	225	637	-66	5	180	636	-70	1	206	639	-58	0	0
21	630	-64	3	184	634	-68	2	129	641	-64	4	245	636	-68	4	210	637	-67	4	180	635	-71	1	180	639	-54	3	309
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	640	-49	0	0	640	-56	1	360	632	-57	4	166	631	-56	3	90	633	-55	3	270	624	-64	4	249	617	-70	4	160
03	641	-50	2	302	639	-47	0	0	631	-54	3	170	632	-54	3	79	632	-54	3	270	623	-59	4	270	617	-67	3	141
06	641	-51	0	0	637	-54	0	0	631	-55	3	141	632	-50	3	45	631	-56	4	280	622	-61	5	260	619	-63	3	141
09	641	-52	0	0	636	-59	1	161	630	-59	3	145	633	-54	2	53	629	-64	4	270	621	-65	4	233	619	-67	4	141
12	641	-57	3	54	635	-60	3	159	631	-60	3	141	633	-58	1	45	628	-64	5	263	620	-70	2	221	618	-71	4	132
15	641	-60	3	54	634	-60	2	180	X	-56	3	135	633	-59	3	309	627	-63	6	270	618	-73	3	211	619	-72	4	124
18	640	-58	2	62	633	-61	3	180	631	-57	3	141	633	-61	2	284	626	-64	6	260	617	-72	3	180	619	-70	5	90
21	640	-62	2	55	633	-61	3	180	631	-58	3	111	633	-59	3	270	625	-66	5	239	617	-72	3	180	620	-71	4	111
		DAY	29			DAY	30			DAY	31																	
00	620	-69	5	104	624	-69	4	180	625	-68	3	135																
03	621	-62	5	110	625	-64	3	177	625	-58	6	90																
06	622	-57	4	120	626	-61	2	179	626	-53	6	76																
09	622	-62	5	141	626	-66	2	180	627	-57	5	80																
12	622	-64	4	141	626	-69	2	170	628	-59	5	90																
15	622	-64	6	152	625	-72	2	159	629	-60	3	79																
18	623	-66	5	141	624	-71	3	145	630	-59	4	63																
21	623	-68	5	180	625	-70	3	141	631	-57	2	79																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -56.8 STD DEV = 8.9 MAX = -33.7 AT 849 GMT ON DAY 1 MIN = -72.7 AT 1543 GMT ON DAY 27
* PRESSURE (MB) * MEAN = 631.5 STD DEV = 6.1 MAX = 643.1 AT 137 GMT ON DAY 1 MIN = 616.8 AT 6 GMT ON DAY 28
* WINDS (M/S) * MEAN = 3.1 STD DEV = 1.7 RESULTANT = .4 FROM 260. CONSTANCY = .13 MAX = 10.6 FROM 318. AT 1903 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .8 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	23	52	18	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	6	3	9	3	4	3	9	4	12	3	6	6	18	2	7	4

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	636	-61	3	270	633	-68	2	206	634	-65	2	179	628	-70	4	141	626	-69	4	150	623	-73	2	86
03	633	-57	2	12	636	-56	3	235	634	-60	2	225	634	-60	1	218	628	-67	4	141	626	-63	3	138	623	-68	1	82
06	634	-58	2	18	635	-59	3	243	634	-56	1	225	635	-59	2	180	629	-65	3	141	627	-62	3	141	624	-61	0	0
09	634	-61	3	360	635	-65	4	224	634	-66	3	217	634	-65	3	225	629	-69	4	153	626	-67	4	141	624	-68	1	12
12	635	-58	3	321	635	-68	2	225	634	-69	2	180	633	-70	0	0	628	-70	3	158	625	-66	4	121	624	-72	2	270
15	636	-56	2	280	633	-69	3	210	633	-71	2	180	630	-72	3	180	627	-68	3	159	624	-67	4	131	625	-73	2	256
18	636	-60	3	270	633	-70	2	225	633	-71	2	179	629	-72	3	180	627	-68	4	141	624	-66	4	90	627	-73	2	250
21	636	-62	3	278	633	-70	3	205	634	-69	2	183	629	-70	4	165	626	-69	3	141	623	-70	3	90	629	-70	4	270
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	631	-70	3	270	636	-57	3	360	621	-60	5	294	619	-68	6	225	625	-63	6	180	628	-64	4	180	632	-66	5	169
03	633	-66	4	259	634	-55	3	360	620	-59	4	270	620	-64	7	207	626	-59	6	180	629	-59	5	180	633	-62	3	180
06	636	-66	2	269	633	-56	3	352	619	-62	5	270	621	-63	7	198	626	-60	7	183	629	-60	3	180	634	-61	3	180
09	637	-68	3	270	631	-60	3	345	619	-66	7	256	622	-64	6	201	626	-63	5	180	630	-62	4	181	634	-67	2	180
12	637	-69	2	270	629	-61	2	360	618	-73	7	259	622	-65	6	180	627	-62	4	165	630	-62	6	176	633	-67	2	180
15	637	-65	3	270	627	-63	2	309	618	-71	8	225	623	-61	7	180	627	-66	4	180	631	-63	3	169	633	-69	2	180
18	637	-58	3	291	625	-62	2	309	618	-69	7	260	624	-60	5	183	627	-66	5	169	632	-65	5	180	633	-70	2	180
21	636	-54	3	330	623	-60	3	309	619	-69	8	243	625	-62	6	180	628	-65	5	177	632	-66	3	180	633	-71	1	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	634	-71	1	183	641	-70	2	180	643	-69	2	180	634	-71	1	204	639	-64	3	141	638	-61	2	141	642	-58	1	98
03	635	-62	1	184	642	-63	3	184	643	-59	1	180	634	-61	0	0	639	-57	2	141	639	-60	2	141	642	-58	1	90
06	636	-62	2	180	643	-61	1	180	643	-60	1	181	635	-62	0	0	639	-56	2	170	640	-60	2	141	642	-59	1	103
09	637	-66	0	0	644	-68	2	180	642	-66	2	193	635	-68	1	180	638	-58	4	150	640	-58	2	111	642	-56	1	90
12	637	-70	1	176	643	-69	3	180	641	-65	3	180	635	-69	0	0	638	-60	2	141	640	-60	2	114	642	-57	2	114
15	638	-70	2	179	643	-70	3	159	639	-66	2	180	636	-68	2	141	637	-59	2	134	641	-61	1	90	642	-60	2	90
18	639	-71	2	180	643	-68	2	143	638	-67	2	197	637	-67	2	141	637	-61	2	141	641	-53	2	89	642	-58	2	90
21	640	-71	2	180	643	-70	3	156	635	-69	2	180	638	-64	2	125	638	-60	0	0	641	-57	2	90	642	-59	2	96
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	643	-57	2	90	649	-58	3	291	648	-60	6	262	641	-44	4	309	630	-63	2	180	631	-67	4	193	624	-71	3	141
03	643	-52	2	90	650	-57	3	284	647	-58	4	266	639	-43	3	349	630	-61	3	180	630	-67	3	180	624	-70	0	0
06	644	-56	1	90	650	-54	4	270	647	-56	5	270	635	-45	3	7	631	-63	2	173	629	-70	2	180	624	-72	2	180
09	645	-54	2	66	650	-58	4	270	646	-58	4	270	633	-43	3	360	631	-63	3	181	627	-72	4	190	624	-72	2	167
12	646	-58	1	53	650	-59	3	270	646	-59	3	270	632	-47	3	360	631	-62	3	180	626	-72	3	176	623	-71	3	170
15	646	-60	0	0	650	-61	5	264	645	-52	6	300	630	-50	1	270	631	-65	3	180	625	-71	2	180	623	-72	3	163
18	647	-57	3	309	649	-59	6	270	643	-53	4	298	630	-56	0	0	631	-63	3	180	625	-71	2	141	622	-72	1	170
21	649	-58	3	309	649	-58	4	270	642	-48	5	309	629	-62	0	0	631	-65	3	179	624	-70	4	158	621	-71	2	141
		DAY	29			DAY	30																					
00	621	-71	2	141	626	-71	2	179																				
03	621	-71	2	141	628	-70	2	180																				
06	621	-71	2	150	631	-71	1	180																				
09	621	-71	1	180	633	-72	0	0																				
12	621	-71	3	169	634	-71	0	0																				
15	622	-72	0	0	635	-61	0	0																				
18	623	-72	1	181	637	-61	3	270																				
21	624	-72	2	179	637	-66	3	255																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -63.7 STD DEV = 6.2 MAX = -40.9 AT 754 GMT ON DAY 25 MIN = -73.4 AT 1321 GMT ON DAY 10
* PRESSURE (MB) * MEAN = 633.1 STD DEV = 7.8 MAX = 650.7 AT 650 GMT ON DAY 23 MIN = 617.2 AT 1311 GMT ON DAY 10
* WINDS (M/S) * MEAN = 2.9 STD DEV = 1.6 RESULTANT = 1.5 FROM 198. CONSTANCY = .52 MAX = 10.2 FROM 240. AT 1552 GMT DAY 10
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	29	52	12	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	4	1	0	0	7	2	12	6	35	4	5	3	13	3	4	1

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	639	-68	2	270	649	-61	2	181	657	-56	2	45	651	-49	4	270	644	-57	3	264	640	-56	2	22	640	-51	3	309
03	640	-68	3	267	650	-59	3	162	657	-55	2	32	650	-56	4	270	643	-62	2	243	639	-56	2	22	640	-52	5	287
06	641	-69	2	243	651	-59	1	141	657	-55	2	360	649	-60	4	257	643	-59	3	257	639	-46	3	45	640	-59	4	270
09	642	-69	3	243	653	-59	3	141	656	-56	3	360	649	-58	4	270	642	-58	3	238	638	-47	4	30	639	-64	4	266
12	643	-71	3	246	654	-58	2	124	655	-54	3	309	648	-56	5	270	642	-56	3	248	638	-45	3	360	639	-63	3	283
15	645	-68	3	246	655	-57	3	115	653	-50	4	309	647	-57	6	270	642	-55	2	270	639	-43	2	360	640	-60	3	243
18	646	-68	1	225	655	-58	2	90	651	-54	5	309	646	-56	3	246	641	-56	1	90	639	-44	3	360	639	-62	5	245
21	647	-65	2	225	656	-57	2	90	651	-51	4	270	645	-57	4	250	641	-52	3	45	640	-45	4	309	638	-61	3	225
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	638	-62	3	197	638	-65	1	180	645	-64	3	229	645	-64	1	180	647	-54	1	225	646	-69	2	225	642	-65	2	180
03	637	-62	2	180	639	-64	2	180	645	-62	2	217	645	-62	1	187	647	-52	0	0	645	-70	1	225	642	-66	2	180
06	637	-62	2	180	641	-62	2	225	645	-58	2	225	646	-56	0	0	647	-58	1	195	645	-70	0	0	641	-67	2	180
09	637	-62	2	161	641	-60	3	233	645	-58	2	180	646	-54	0	0	647	-59	2	225	644	-71	1	194	639	-69	2	211
12	637	-63	1	180	643	-64	2	210	645	-62	1	194	646	-57	1	309	647	-64	3	225	644	-68	2	180	638	-72	1	211
15	637	-65	2	180	643	-64	3	250	645	-61	2	190	646	-56	2	273	647	-68	2	225	643	-66	3	180	638	-72	0	0
18	638	-65	1	180	644	-66	2	225	645	-62	2	170	647	-55	2	240	647	-69	1	236	643	-64	2	180	637	-73	0	0
21	638	-66	2	170	645	-65	1	225	645	-65	1	198	646	-60	0	0	646	-69	2	250	643	-64	1	174	637	-71	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	637	-72	0	0	633	-73	0	0	628	-78	0	0	627	-78	0	0	632	-69	2	49	644	-71	1	251	652	-51	0	0
03	636	-71	0	0	632	-74	0	0	627	-79	0	0	627	-76	0	0	633	-61	3	37	646	-69	1	242	650	-54	2	360
06	636	-73	0	0	632	-78	0	0	627	-79	0	0	627	-76	0	0	635	-63	2	45	649	-70	2	251	649	-52	3	7
09	636	-72	0	0	631	-79	0	0	626	-80	0	0	628	-76	0	0	636	-63	2	37	650	-70	1	225	646	-52	4	339
12	635	-71	0	0	630	-77	0	0	626	-82	0	0	629	-75	0	0	637	-62	2	21	652	-71	1	225	646	-48	4	309
15	635	-72	0	0	630	-78	0	0	626	-81	0	0	630	-71	0	0	638	-66	1	359	651	-71	1	218	646	-52	3	309
18	634	-72	0	0	629	-79	0	0	626	-80	0	0	630	-69	2	45	639	-71	0	0	652	-65	0	0	646	-54	3	309
21	634	-71	0	0	629	-79	0	0	626	-79	0	0	631	-69	3	45	641	-71	0	0	652	-58	0	0	646	-64	3	304
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	647	-63	1	309	647	-51	4	93	643	-55	0	0	643	-58	2	75	647	-60	1	111	645	-57	2	31	644	-59	1	340
03	649	-62	2	309	646	-47	6	79	643	-51	2	10	643	-54	2	54	647	-59	2	90	644	-57	2	28	644	-57	0	0
06	649	-64	1	353	645	-47	6	45	644	-51	2	90	642	-55	1	90	648	-58	2	69	643	-56	1	360	644	-57	1	309
09	650	-56	1	218	645	-48	4	45	644	-55	1	54	642	-58	2	45	648	-55	3	46	643	-54	2	360	644	-52	1	309
12	650	-59	3	153	644	-50	3	45	645	-53	2	30	643	-54	1	360	648	-54	3	45	644	-56	1	323	644	-57	0	0
15	651	-54	2	135	644	-52	2	37	644	-53	2	90	644	-48	0	0	647	-55	2	39	643	-56	2	329	644	-52	1	145
18	649	-53	3	90	643	-57	2	360	644	-53	0	0	644	-52	2	141	646	-59	1	54	643	-58	1	339	643	-57	1	134
21	648	-51	4	89	642	-56	2	330	644	-55	3	45	645	-59	2	134	645	-58	3	45	643	-60	1	309	644	-60	1	141
		DAY	29			DAY	30			DAY	31																	
00	643	-56	1	135	645	-47	8	90	641	-47	0	0																
03	643	-54	2	108	645	-46	6	69	639	-47	2	309																
06	642	-53	3	114	645	-45	5	58	638	-53	2	270																
09	643	-53	4	90	646	-45	5	51	638	-51	2	294																
12	643	-52	6	90	645	-45	3	45	637	-50	2	314																
15	644	-51	7	90	644	-48	3	45	636	-52	2	309																
18	644	-50	8	89	643	-49	3	21	635	-51	3	309																
21	645	-49	7	87	642	-46	0	0	634	-48	4	314																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -60.3 STD DEV = 8.9 MAX = -42.2 AT 1654 GMT ON DAY 6 MIN = -82.2 AT 1341 GMT ON DAY 17
* PRESSURE (MB) * MEAN = 642.4 STD DEV = 6.5 MAX = 656.7 AT 59 GMT ON DAY 3 MIN = 625.4 AT 1411 GMT ON DAY 17
* WINDS (M/S) * MEAN = 2.0 STD DEV = 1.5 RESULTANT = .2 FROM 327. CONSTANCY = .08 MAX = 8.3 FROM 80. AT 2237 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	52	40	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	7	5	13	2	9	2	5	2	11	4	11	10	7	2	11	3

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	634	-50	3	309	630	-69	3	180	634	-70	3	184	637	-70	0	0	638	-66	1	186	640	-71	1	225	636	-71	1	225
03	633	-55	3	304	630	-71	3	180	636	-70	4	180	637	-70	0	0	638	-67	0	0	639	-71	0	0	636	-72	0	0
06	632	-63	1	315	630	-72	5	184	637	-71	3	180	637	-70	0	0	639	-66	0	0	638	-68	1	180	636	-73	1	217
09	631	-58	2	309	630	-71	2	180	638	-71	1	180	637	-71	0	0	639	-67	1	225	638	-69	1	225	636	-74	0	0
12	631	-60	0	0	630	-70	0	0	639	-71	2	180	637	-70	0	0	639	-66	1	228	637	-73	0	0	636	-75	0	0
15	631	-61	1	153	631	-69	3	180	639	-71	2	211	638	-70	0	0	640	-67	1	240	636	-73	1	212	636	-67	1	270
18	631	-63	3	161	632	-70	3	180	638	-70	1	225	638	-70	0	0	640	-69	0	0	636	-72	1	201	636	-69	0	0
21	631	-65	3	180	633	-69	3	174	637	-71	0	0	638	-67	0	0	640	-69	1	225	636	-71	1	225	637	-64	2	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	636	-67	0	0	640	-70	0	0	642	-74	0	0	654	-55	2	117	653	-43	6	309	649	-46	2	1	639	-42	4	321
03	636	-64	0	0	640	-69	0	0	643	-72	0	0	653	-44	3	90	653	-46	6	309	646	-43	2	39	640	-44	5	316
06	637	-66	0	0	641	-70	0	0	644	-61	1	309	651	-46	9	72	654	-48	5	309	644	-42	3	37	641	-49	4	301
09	637	-71	0	0	640	-71	1	166	646	-66	1	253	651	-43	6	45	655	-54	6	298	642	-47	1	360	643	-51	5	301
12	638	-70	1	77	641	-70	0	0	649	-65	2	270	651	-41	4	3	655	-53	3	309	641	-45	2	360	645	-51	5	289
15	638	-70	1	90	640	-71	1	163	650	-63	2	243	652	-39	5	315	654	-52	3	325	640	-45	3	350	647	-50	3	294
18	639	-69	1	135	641	-71	0	0	652	-61	1	200	652	-42	5	349	653	-48	2	360	640	-38	3	360	649	-53	3	295
21	640	-68	0	0	641	-74	0	0	653	-65	1	141	652	-42	5	336	651	-52	2	360	639	-43	4	339	650	-53	3	309
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	651	-46	1	22	641	-33	7	360	627	-55	3	326	628	-55	1	22	628	-36	5	45	628	-58	1	180	629	-61	3	309
03	651	-41	4	17	640	-35	7	360	627	-65	2	309	630	-52	4	325	626	-32	10	360	628	-60	1	180	629	-64	3	322
06	649	-37	5	360	639	-42	4	359	628	-60	3	322	631	-53	3	309	625	-39	7	360	628	-62	3	141	628	-62	2	280
09	648	-34	6	360	638	-43	2	21	628	-61	2	285	632	-48	2	352	626	-47	6	339	628	-63	2	90	627	-63	3	289
12	647	-33	7	360	636	-38	2	360	628	-59	1	280	631	-44	3	41	626	-57	4	315	629	-61	2	45	627	-66	3	270
15	645	-32	7	360	633	-36	3	360	628	-58	0	0	628	-35	9	17	627	-68	2	339	628	-62	3	13	626	-69	2	270
18	643	-31	8	235	631	-43	3	3	628	-57	0	0	628	-33	10	360	627	-63	1	360	629	-61	2	309	627	-66	3	270
21	642	-32	7	360	629	-51	3	357	627	-55	0	0	629	-33	6	360	628	-59	1	269	629	-64	3	343	627	-66	3	270
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	627	-65	4	297	624	-67	3	289	621	-53	3	360	634	-75	6	251	652	-55	3	302	645	-60	4	280	637	-71	2	198
03	626	-64	3	302	625	-63	3	316	620	-58	3	349	638	-72	7	260	652	-55	5	270	643	-57	5	270	637	-70	2	180
06	625	-64	3	301	625	-58	2	270	619	-62	3	314	642	-67	7	243	652	-56	4	270	642	-61	4	270	637	-71	0	0
09	624	-65	3	309	625	-55	0	0	619	-63	1	270	646	-68	5	256	651	-50	6	274	640	-60	4	270	637	-71	2	180
12	624	-62	3	294	625	-62	2	90	621	-66	2	260	649	-64	4	270	651	-51	5	280	639	-63	5	269	636	-70	2	162
15	624	-67	2	304	624	-58	3	41	623	-70	3	270	651	-53	3	280	649	-55	4	270	638	-62	4	270	636	-70	2	180
18	623	-68	3	284	624	-55	2	8	626	-70	6	260	652	-51	4	270	648	-56	3	270	638	-66	4	235	636	-69	2	180
21	624	-68	2	270	623	-54	2	360	630	-73	6	253	652	-50	6	291	646	-60	3	270	638	-69	2	251	637	-70	0	0
		DAY	29			DAY	30																					
00	637	-68	1	225	640	-56	0	0																				
03	637	-69	3	198	640	-54	3	270																				
06	638	-70	1	206	640	-61	3	270																				
09	638	-70	2	169	639	-61	2	309																				
12	639	-70	1	198	639	-64	3	285																				
15	639	-68	2	186	639	-55	3	288																				
18	640	-67	0	0	638	-60	3	309																				
21	640	-62	2	180	639	-59	1	309																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -59.6 STD DEV = 11.3 MAX = -30.7 AT 1755 GMT ON DAY 15 MIN = -76.4 AT 1438 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 637.1 STD DEV = 8.6 MAX = 654.6 AT 832 GMT ON DAY 12 MIN = 618.7 AT 715 GMT ON DAY 24
* WINDS (M/S) * MEAN = 2.7 STD DEV = 2.1 RESULTANT = 1.3 FROM 307. CONSTANCY = .51 MAX = 11.8 FROM 359. AT 329 GMT DAY 19
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	44	35	13	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	16	3	4	1	2	1	2	3	12	4	6	4	17	9	15	3

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	638	-58	2	315	640	-67	2	243	656	-65	3	270	668	-32	4	349	660	-37	6	270	655	-38	4	104	645	-35	3	45
03	638	-57	3	316	641	-67	2	257	660	-64	2	270	668	-32	7	360	660	-43	6	285	653	-36	8	90	644	-35	4	360
06	638	-55	2	309	642	-69	2	235	662	-57	0	0	668	-31	9	357	661	-44	5	270	651	-34	10	69	642	-37	3	37
09	637	-53	1	360	644	-72	2	243	664	-51	0	0	667	-30	8	360	661	-47	4	287	649	-33	8	45	640	-39	2	45
12	636	-54	2	338	646	-70	2	270	665	-47	0	0	665	-29	9	360	660	-50	2	284	648	-33	4	31	638	-38	1	60
15	635	-59	2	276	649	-67	2	260	665	-41	4	360	663	-33	8	360	659	-48	1	297	647	-31	5	360	636	-39	0	0
18	636	-65	0	0	650	-68	2	273	666	-34	3	15	662	-35	8	360	657	-43	0	0	646	-32	3	360	635	-46	4	90
21	638	-65	2	270	653	-66	2	277	667	-34	4	23	661	-34	6	302	657	-38	2	120	646	-35	2	360	635	-51	3	115
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	635	-52	4	141	635	-64	4	39	627	-65	2	309	628	-72	3	180	635	-62	6	141	643	-62	7	150	659	-70	4	201
03	636	-53	4	111	635	-66	2	24	626	-67	1	222	629	-69	3	180	636	-63	7	135	645	-62	6	180	660	-71	3	198
06	637	-60	2	90	633	-66	2	360	626	-73	1	180	630	-70	1	167	636	-62	7	110	647	-63	5	180	661	-71	3	206
09	637	-59	3	98	633	-64	2	360	625	-76	0	0	630	-71	2	180	636	-64	6	115	650	-64	6	179	662	-71	2	225
12	637	-57	5	94	632	-66	0	0	626	-73	2	180	631	-71	2	141	637	-64	7	141	653	-64	4	193	663	-68	3	208
15	637	-53	6	69	631	-68	0	0	627	-72	2	207	632	-68	4	135	638	-62	8	141	655	-66	4	180	663	-67	3	224
18	637	-61	5	69	629	-69	2	10	627	-75	3	225	633	-67	5	117	639	-64	6	141	656	-67	4	225	663	-66	1	225
21	636	-61	5	90	628	-65	2	360	627	-77	2	225	634	-65	5	115	641	-63	6	131	657	-69	3	225	664	-65	2	231
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	666	-58	3	240	668	-55	4	270	668	-54	4	245	651	-36	3	360	638	-51	2	141	637	-58	2	141	630	-65	2	232
03	666	-60	3	251	666	-55	5	270	667	-52	2	236	649	-39	1	8	637	-56	2	117	637	-61	2	141	628	-67	3	270
06	667	-61	4	236	666	-57	4	225	666	-51	1	189	646	-40	1	45	636	-66	2	132	636	-63	2	136	626	-65	4	270
09	668	-60	4	225	667	-55	6	256	665	-47	0	0	643	-39	0	0	637	-62	3	141	636	-61	3	141	625	-62	6	274
12	669	-60	4	228	667	-56	7	243	663	-42	2	51	641	-39	1	72	637	-64	2	135	636	-61	1	141	625	-67	7	271
15	669	-59	4	235	667	-56	5	250	660	-40	3	44	640	-40	1	82	637	-64	1	136	634	-64	1	161	625	-75	4	270
18	669	-58	2	225	667	-54	5	270	657	-37	4	360	638	-43	1	79	637	-59	4	134	633	-65	1	176	626	-76	3	243
21	669	-59	2	245	668	-54	4	225	654	-35	3	360	638	-47	2	120	637	-58	2	127	631	-65	1	179	628	-76	2	284
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	630	-78	3	225	640	-71	1	205	643	-69	2	225	637	-68	3	225	630	-69	2	231	624	-67	2	225	629	-63	4	270
03	632	-78	1	225	640	-66	2	189	643	-68	2	225	635	-69	3	243	630	-70	0	0	624	-69	3	250	631	-65	4	278
06	634	-76	1	180	641	-68	2	218	642	-68	2	225	634	-69	4	225	629	-71	3	225	624	-69	3	270	633	-66	4	273
09	635	-76	1	186	642	-68	2	180	641	-69	2	251	634	-70	4	225	628	-70	3	225	624	-69	3	270	636	-68	4	270
12	636	-73	1	177	643	-68	3	215	641	-68	3	242	633	-69	5	214	627	-72	3	228	625	-68	3	270	638	-67	5	270
15	638	-70	2	163	643	-67	2	218	639	-68	2	233	632	-70	1	212	627	-71	2	239	625	-68	3	294	641	-63	6	270
18	639	-70	1	180	644	69	0	0	638	-69	2	225	632	-69	3	225	626	-69	2	222	626	-67	4	305	645	-59	5	262
21	639	-68	2	180	644	-68	2	225	638	-70	0	0	631	-69	4	225	625	-68	2	225	627	-62	4	301	648	-60	4	250
		DAY	29			DAY	30			DAY	31																	
00	651	-60	2	260	659	-60	4	270	660	-58	3	211																
03	653	-58	2	270	659	-56	4	251	658	-57	1	242																
06	654	-52	2	274	660	-58	3	249	656	-56	4	243																
09	655	-52	3	288	660	-59	3	222	654	-52	7	225																
12	656	-56	4	270	661	-58	3	208	652	-53	5	226																
15	657	-61	3	270	661	-55	3	180	650	-54	6	226																
18	657	-60	4	270	661	-60	2	218	648	-52	6	225																
21	658	-60	4	259	660	-58	3	225	646	-57	4	225																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -58.9 STD DEV = 12.0 MAX = -27.9 AT 1016 GMT ON DAY 4 MIN = -78.9 AT 19 GMT ON DAY 22
* PRESSURE (MB) * MEAN = 644.6 STD DEV = 13.5 MAX = 669.3 AT 1645 GMT ON DAY 15 MIN = 623.9 AT 546 GMT ON DAY 27
* WINDS (M/S) * MEAN = 3.2 STD DEV = 1.9 RESULTANT = 1.0 FROM 234. CONSTANCY = .29 MAX = 10.9 FROM 56. AT 759 GMT DAY 6
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	23	48	20	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	9	2	3	2	3	4	9	2	9	4	22	9	15	4	2	0

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	643	-61	5	225	628	-62	6	198	624	-71	4	166	625	-72	1	158	625	-71	3	180	627	-57	5	141	629	-63	4	160
03	642	-59	5	225	626	-61	6	180	624	-72	4	172	626	-71	2	162	625	-71	3	169	627	-57	4	141	629	-64	2	180
06	640	-58	7	212	626	-62	6	180	623	-71	4	180	625	-71	3	176	625	-71	3	184	627	-57	5	153	629	-66	4	179
09	639	-58	7	225	625	-64	5	167	623	-70	4	180	626	-72	3	180	625	-70	4	180	627	-60	4	161	628	-68	2	180
12	636	-60	7	225	625	-66	5	180	624	-72	4	172	626	-73	3	180	625	-69	4	180	628	-60	4	141	627	-70	3	180
15	633	-61	6	217	624	-68	5	173	623	-72	4	165	626	-73	0	0	626	-68	4	170	628	-60	4	161	627	-70	3	180
18	631	-62	7	225	624	-70	4	180	624	-72	3	180	625	-72	3	166	626	-60	5	163	628	-60	3	180	627	-71	2	180
21	629	-63	6	206	624	-71	4	180	624	-73	3	149	625	-71	2	180	627	-57	5	149	628	-61	2	167	627	-71	3	165
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	627	-72	3	170	627	-74	0	0	632	-63	1	170	632	-75	2	170	630	-57	6	149	630	-63	3	141	630	-70	3	90
03	627	-72	1	161	628	-68	1	76	632	-61	1	170	632	-70	3	156	630	-55	6	141	630	-61	2	145	631	-70	2	90
06	627	-72	2	180	628	-61	1	54	633	-70	0	0	632	-68	3	149	630	-55	5	141	630	-64	3	150	631	-72	2	89
09	627	-73	0	0	629	-62	0	0	633	-71	2	179	631	-69	4	180	629	-55	7	141	630	-67	2	141	631	-70	1	90
12	627	-73	2	153	630	-63	0	0	633	-74	1	180	631	-67	4	162	629	-57	8	125	630	-66	0	0	632	-67	2	90
15	627	-74	1	153	630	-63	2	90	632	-76	2	187	631	-67	5	162	630	-58	5	129	630	-67	2	111	632	-64	3	90
18	627	-73	1	170	631	-58	2	118	632	-76	2	180	631	-64	4	155	630	-67	4	142	630	-67	3	108	632	-58	3	98
21	627	-74	1	141	632	-61	1	90	632	-76	2	167	631	-61	5	161	630	-63	3	141	630	-67	0	0	632	-55	3	100
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	632	-55	3	90	627	-61	2	169	626	-70	3	195	630	-67	2	207	634	-68	2	180	634	-71	3	174	633	-70	3	162
03	631	-56	3	90	627	-61	1	206	627	-70	4	173	630	-68	1	180	635	-66	1	180	633	-68	2	176	634	-66	3	166
06	631	-56	4	107	627	-61	1	180	628	-71	3	180	630	-69	3	186	636	-65	2	180	633	-70	0	0	635	-68	1	170
09	630	-58	2	107	626	-64	2	203	629	-71	2	180	630	-71	4	180	636	-66	2	181	632	-71	3	180	636	-68	2	180
12	629	-61	2	101	626	-67	2	208	630	-71	2	180	630	-69	3	180	636	-66	3	180	632	-72	0	0	636	-65	3	189
15	629	-59	1	141	626	-69	2	231	630	-69	2	184	631	-70	0	0	636	-68	3	190	632	-71	2	163	637	-66	2	214
18	628	-59	1	141	625	-69	3	218	630	-68	1	225	633	-69	3	180	635	-70	2	180	633	-69	2	156	637	-66	2	207
21	627	-61	2	149	626	-71	3	218	630	-69	2	225	633	-68	3	194	635	-70	2	180	633	-71	2	180	637	-70	1	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	637	-67	2	225	629	-66	2	309	619	-70	1	270	613	-78	2	181	612	-83	2	166	616	-76	1	90	624	-71	3	309
03	638	-63	2	235	628	-62	2	309	618	-68	0	0	612	-76	2	180	612	-78	2	159	617	-72	1	90	626	-65	2	301
06	637	-63	2	217	627	-64	2	311	617	-75	1	195	612	-75	2	180	614	-79	1	170	618	-70	0	0	628	-67	2	280
09	636	-61	1	225	626	-64	2	309	616	-80	0	0	611	-81	2	170	614	-84	0	0	619	-74	0	0	629	-74	0	0
12	635	-57	0	0	625	-67	3	309	615	-80	1	184	611	-79	3	156	614	-82	1	136	619	-75	0	0	630	-74	0	0
15	633	-54	2	318	623	-65	2	309	614	-79	1	180	611	-80	2	170	614	-82	1	111	620	-77	0	0	631	-74	0	0
18	632	-57	3	333	622	-68	2	316	613	-77	3	180	611	-81	2	161	614	-81	1	91	621	-73	0	0	631	-72	1	260
21	631	-65	3	329	620	-71	1	281	613	-77	4	184	611	-82	2	180	615	-77	1	90	622	-70	2	326	631	-71	2	270
		DAY	29			DAY	30			DAY	31																	
00	632	-70	2	269	629	-72	2	225	629	-72	3	180																
03	631	-62	2	270	629	-63	2	225	629	-67	2	180																
06	631	-67	2	270	630	-68	2	250	628	-70	3	188																
09	631	-73	1	225	630	-75	0	0	628	-72	2	180																
12	630	-73	2	221	630	-75	2	189	627	-73	2	180																
15	630	-71	2	242	630	-72	3	187	626	-73	1	180																
18	629	-75	2	259	630	-73	2	194	626	-74	2	160																
21	630	-70	2	225	629	-70	3	180	626	-73	1	152																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -68.2 STD DEV = 6.2 MAX = -53.6 AT 1522 GMT ON DAY 22 MIN = -84.6 AT 918 GMT ON DAY 26
* PRESSURE (MB) * MEAN = 627.7 STD DEV = 6.1 MAX = 642.9 AT 120 GMT ON DAY 1 MIN = 610.7 AT 1252 GMT ON DAY 25
* WINDS (M/S) * MEAN = 2.5 STD DEV = 1.5 RESULTANT = 1.8 FROM 175. CONSTANCY = .73 MAX = 8.5 FROM 122. AT 1150 GMT DAY 12
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	39	45	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	8	3	8	17	38	5	10	1	4	0	4	1

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5	
00	X	X	X	X	624	-79	0	0	629	-65	4	134	619	-60	6	97	629	-68	1	309
03	625	-65	2	149	626	-68	0	0	627	-60	6	142	620	-60	5	90	630	-61	0	0
06	624	-68	3	153	627	-68	0	0	627	-52	10	141	621	-62	3	62	630	-55	1	45
09	624	-73	2	162	628	-76	0	0	623	-53	13	141	622	-61	2	360	629	-54	3	55
12	623	-74	2	141	629	-74	0	0	621	-55	10	104	624	-64	3	360	627	-56	3	90
15	623	-74	2	180	628	-77	0	0	620	-58	11	103	626	-63	3	346	626	-60	4	83
18	624	-74	0	0	628	-76	0	0	619	-59	8	90	627	-65	2	330	624	-58	4	90
21	624	-76	0	0	628	-75	3	141	619	-58	8	90	629	-67	3	318	622	-60	4	90
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12	
00	636	-68	0	0	634	-51	5	45	632	-57	1	141	630	-58	3	111	621	-62	0	0
03	637	-58	2	120	633	-51	5	54	632	-56	2	111	628	-57	3	90	621	-52	0	0
06	637	-52	3	101	633	-53	2	79	632	-54	3	113	627	-61	2	90	621	-56	0	0
09	637	-52	4	90	633	-55	3	90	632	-60	2	132	627	-65	1	84	620	-63	0	0
12	637	-49	7	90	632	-57	3	54	632	-58	2	127	626	-64	1	76	619	-69	0	0
15	636	-50	6	90	631	-55	2	90	632	-59	2	141	625	-63	0	0	617	-73	0	0
18	636	-49	7	63	631	-57	3	87	631	-53	4	90	624	-64	0	0	617	-74	0	0
21	635	-49	6	68	632	-58	1	131	630	-57	4	107	622	-64	0	0	617	-72	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19	
00	617	-71	0	0	627	-68	0	0	637	-66	3	270	626	-69	0	0	628	-62	5	177
03	618	-65	0	0	629	-62	0	0	637	-63	4	264	625	-66	0	0	629	-58	5	180
06	620	-64	0	0	632	-63	0	0	637	-61	3	259	625	-65	0	0	628	-58	6	161
09	621	-70	0	0	634	-68	0	0	636	-67	3	256	627	-66	5	180	628	-59	4	169
12	621	-75	0	0	635	-72	0	0	634	-72	2	260	627	-69	5	180	628	-56	6	142
15	622	-74	0	0	636	-71	0	0	632	-73	0	0	628	-70	3	180	629	-56	4	141
18	623	-77	0	0	637	-69	0	0	630	-73	0	0	628	-70	4	180	630	-59	5	141
21	624	-78	0	0	637	-69	4	270	628	-73	0	0	628	-68	4	194	631	-60	4	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26	
00	633	-54	2	180	621	-66	0	0	619	-67	0	0	620	-65	0	0	624	-66	0	0
03	632	-50	0	0	621	-60	0	0	619	-62	0	0	621	-63	0	0	625	-61	0	0
06	629	-55	2	270	622	-59	0	0	620	-61	0	0	X	X	X	X	626	-59	0	0
09	626	-62	3	270	622	-65	0	0	620	-66	0	0	623	-66	0	0	626	-64	0	0
12	624	-65	2	270	621	-71	0	0	619	-73	0	0	623	-71	0	0	625	-69	0	0
15	623	-69	0	0	619	-74	0	0	619	-75	0	0	623	-73	0	0	623	-72	0	0
18	621	-74	0	0	619	-75	0	0	619	-74	0	0	623	-72	0	0	623	-73	0	0
21	620	-73	0	0	619	-75	0	0	619	-73	0	0	624	-73	0	0	621	-73	0	0
		DAY	29			DAY	30													
00	631	-59	3	186	625	-58	6	218												
03	631	-53	2	180	624	-57	10	188												
06	630	-57	3	180	623	-58	11	180												
09	630	-61	4	180	623	-60	9	180												
12	629	-62	4	195	624	-61	8	180												
15	629	-61	4	189	624	-62	7	173												
18	628	-62	3	211	624	-61	7	180												
21	626	-63	4	225	624	-60	7	183												

PP	TT	VV	DD
	DAY	6	
622	-58	5	103
622	-56	4	103
622	-56	5	141
622	-67	4	180
623	-64	4	176
623	-65	4	180
624	-67	4	180
623	-67	4	180
	DAY	13	
617	-67	0	0
617	-61	0	0
618	-55	0	0
619	-61	0	0
619	-61	0	0
617	-64	0	0
616	-62	1	309
616	-62	0	0
	DAY	20	
631	-58	4	149
632	-53	1	159
632	-55	2	180
633	-65	2	141
633	-66	1	156
634	-65	1	162
635	-66	0	0
635	-67	0	0
	DAY	27	
620	-66	0	0
620	-58	0	0
621	-60	0	0
621	-67	0	0
621	-72	0	0
622	-72	0	0
623	-71	0	0
624	-71	0	0

PP	TT	VV	DD
	DAY	7	
623	-67	4	179
625	-64	2	176
626	-64	3	179
628	-70	1	180
629	-73	0	0
631	-75	0	0
632	-74	0	0
634	-73	0	0
	DAY	14	
616	-58	0	0
616	-62	0	0
616	-65	0	0
616	-67	0	0
616	-67	0	0
616	-68	0	0
616	-71	0	0
617	-73	0	0
	DAY	21	
636	-62	0	0
637	-50	1	206
637	-53	1	233
637	-62	2	260
637	-65	2	270
636	-62	3	253
635	-64	2	225
634	-64	4	194
	DAY	28	
626	-65	0	0
628	-57	0	0
630	-57	2	141
631	-63	2	134
632	-68	0	0
631	-70	0	0
631	-70	0	0
631	-70	0	0

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -63.9 STD DEV = 6.9 MAX = -47.7 AT 1922 GMT ON DAY 8 MIN = -80.5 AT 2344 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 626.2 STD DEV = 5.9 MAX = 637.7 AT 749 GMT ON DAY 8 MIN = 615.5 AT 1102 GMT ON DAY 14
* WINDS (M/S) * MEAN = 2.1 STD DEV = 2.6 RESULTANT = 1.1 FROM 144. CONSTANCY = .55 MAX = 14.4 FROM 129. AT 944 GMT DAY 3
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .8 % WINDS: .8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	57	24	12	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	0	4	3	16	7	15	6	25	4	3	2	8	0	2	2

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	631	-42	6	180	637	-40	11	120	642	-43	4	141	652	-43	9	180	656	-33	8	217	648	-40	9	180	648	-40	8	189
03	631	-36	8	180	638	-35	10	141	643	-38	4	124	654	-34	10	162	654	-32	8	225	649	-36	10	193	648	-37	10	180
06	630	-34	7	180	638	-34	12	135	645	-35	4	141	656	-31	9	180	652	-33	8	221	649	-34	10	190	647	-34	10	186
09	631	-36	5	176	638	-36	9	135	647	-37	3	180	658	-33	10	180	650	-36	7	225	649	-35	9	198	647	-36	10	201
12	632	-43	5	148	639	-39	9	111	648	-44	4	180	658	-39	9	195	648	-39	6	226	649	-39	9	180	646	-38	6	180
15	633	-47	9	134	640	-44	5	141	649	-51	4	176	659	-40	6	206	648	-42	7	225	650	-43	9	195	645	-42	6	206
18	635	-50	7	141	640	-49	5	129	650	-54	4	180	658	-39	5	208	647	-40	9	195	649	-45	6	184	643	-45	5	195
21	636	-47	8	141	641	-50	3	141	650	-49	6	184	657	-37	7	225	648	-42	10	180	649	-44	5	204	642	-42	6	195
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	641	-41	6	180	639	-45	8	166	640	-39	4	174	649	-34	7	142	654	-34	3	90	653	-35	3	141	655	-37	3	141
03	641	-36	8	180	639	-40	7	180	641	-36	6	141	650	-31	6	141	653	-32	5	32	652	-34	4	141	656	-31	3	141
06	641	-35	6	187	639	-37	7	180	643	-32	7	141	650	-31	7	129	653	-30	4	90	652	-35	5	134	656	-28	3	160
09	641	-37	8	173	638	-37	6	173	644	-33	6	141	651	-32	8	141	653	-31	2	108	652	-38	4	141	656	-34	4	180
12	641	-40	6	180	638	-41	3	187	646	-35	7	142	652	-36	6	90	653	-39	2	120	652	-43	1	125	655	-39	4	180
15	640	-46	5	180	638	-48	3	180	647	-39	5	156	653	-39	5	105	653	-41	2	132	652	-46	2	141	654	-44	4	170
18	640	-51	6	180	638	-51	3	180	648	-41	5	156	653	-42	3	111	653	-42	2	141	653	-48	2	121	654	-42	3	180
21	640	-48	5	166	639	-48	2	180	648	-40	6	180	654	-37	3	76	653	-40	3	141	654	-42	1	141	653	-40	3	176
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	653	-35	5	141	654	-32	7	180	653	-34	3	180	647	-33	2	231	644	-39	7	201	643	-37	6	180	649	-35	3	180
03	653	-32	5	136	653	-31	7	180	652	-29	2	206	646	-30	4	225	644	-33	7	189	644	-33	8	187	649	-32	4	180
06	653	-33	5	142	652	-29	7	173	651	-27	1	225	645	-29	6	225	644	-34	7	198	644	-34	7	173	650	-34	4	180
09	654	-35	4	162	653	-30	7	163	651	-28	2	250	645	-32	4	225	643	-37	6	218	645	-36	4	180	651	-34	3	174
12	654	-39	4	180	653	-36	6	180	650	-35	3	245	645	-38	4	204	643	-40	5	198	645	-40	2	180	651	-39	2	180
15	654	-43	5	180	653	-41	4	180	649	-42	2	225	644	-44	4	214	643	-43	5	195	646	-45	3	193	652	-44	3	180
18	654	-39	5	172	653	-41	4	180	648	-43	2	225	645	-43	4	225	644	-42	4	180	647	-45	2	194	653	-42	3	158
21	654	-37	5	174	653	-38	3	184	648	-39	2	225	644	-43	5	198	643	-43	4	180	648	-43	2	187	653	-39	3	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	653	-34	4	135	656	-32	4	90	652	-35	3	309	646	-28	0	0	648	-35	4	48	652	-35	7	38	655	-33	4	309
03	653	-32	5	141	655	-31	3	84	651	-31	2	301	646	-22	0	0	648	-33	6	45	652	-30	6	42	655	-29	6	319
06	653	-32	5	127	655	-30	4	80	650	-30	3	326	646	-27	1	90	649	-31	7	45	652	-28	9	360	655	-28	4	316
09	654	-33	5	141	655	-29	2	90	649	-30	2	291	646	-28	1	104	649	-31	8	62	653	-27	5	360	655	-29	3	270
12	654	-38	4	141	655	-36	1	90	649	-33	2	301	647	-35	2	101	650	-35	7	58	653	-31	3	13	655	-33	2	309
15	654	-42	3	141	654	-38	1	63	647	-39	1	270	646	-41	2	141	650	-38	6	45	654	-37	3	360	655	-40	2	291
18	655	-39	3	141	653	-39	1	4	647	-40	2	297	647	-42	2	90	651	-38	4	45	654	-40	3	360	655	-42	2	304
21	656	-36	3	135	653	-39	2	349	646	-39	0	0	647	-39	1	96	651	-38	5	54	655	-38	4	315	655	-39	1	271
		DAY	29			DAY	30																					
00	655	-33	1	231	653	-29	0	0																				
03	654	-29	0	0	652	-32	1	206																				
06	654	-31	1	198	652	-29	1	200																				
09	654	-28	0	0	653	-27	0	0																				
12	654	-33	2	225	653	-32	1	210																				
15	653	-42	1	225	652	-39	1	180																				
18	653	-40	2	215	653	-40	2	183																				
21	653	-39	1	200	653	-34	0	0																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -37.1 STD DEV = 5.6 MAX = -20.6 AT 353 GMT ON DAY 25 MIN = -54.2 AT 1654 GMT ON DAY 3
* PRESSURE (MB) * MEAN = 648.8 STD DEV = 5.9 MAX = 658.8 AT 1450 GMT ON DAY 4 MIN = 630.1 AT 446 GMT ON DAY 1
* WINDS (M/S) * MEAN = 4.7 STD DEV = 2.6 RESULTANT = 3.1 FROM 169. CONSTANCY = .66 MAX = 13.2 FROM 193. AT 411 GMT DAY 6
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	17	25	28	18	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	1	3	2	5	3	19	4	31	11	9	1	1	2	3	0

STATION : 8904 DOME C LAT : 74.5 S LONG : 123.0E ELEVATION : 3280 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	654	-30	1	309	653	-34	0	0	648	-33	4	141	654	-32	5	280	650	-32	6	297	650	-36	2	184	658	-30	4	45
03	654	-30	0	0	652	-32	2	251	648	-32	4	111	655	-29	8	270	648	-29	11	270	650	-32	4	170	657	-27	7	31
06	654	-30	2	304	652	-30	1	243	648	-29	3	104	655	-30	10	270	648	-29	8	270	652	-28	1	149	658	-21	6	13
09	654	-29	1	309	652	-29	1	211	649	-28	1	58	655	-29	9	276	647	-31	5	251	653	-21	0	0	658	-19	4	360
12	655	-33	2	309	651	-35	2	180	651	-31	0	0	654	-33	4	285	647	-36	1	226	655	-25	0	0	657	-22	3	360
15	654	-38	3	276	649	-42	2	170	651	-37	2	309	653	-36	6	301	647	-40	1	259	655	-33	1	360	657	-26	3	360
18	654	-41	1	270	649	-43	3	149	652	-41	2	309	652	-36	6	280	648	-44	2	206	656	-36	0	0	657	-32	2	17
21	654	-39	1	256	648	-38	3	146	653	-38	4	291	651	-36	6	270	649	-41	3	180	657	-36	1	45	656	-30	2	17
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	655	-26	3	360	653	-26	0	0	655	-31	3	225	661	-35	2	225	667	-34	5	180	663	-33	5	188	663	-32	5	122
03	655	-21	5	315	653	-22	1	225	655	-30	4	221	663	-29	5	225	667	-28	8	180	663	-29	6	180	663	-28	5	121
06	655	-18	4	309	654	-16	0	0	655	-29	4	225	664	-29	5	231	667	-28	7	189	662	-27	7	180	664	-26	6	141
09	654	-16	0	0	654	-22	3	189	656	-29	4	225	664	-29	5	240	667	-28	7	204	662	-28	7	162	664	-27	6	141
12	654	-20	2	301	654	-26	2	206	657	-33	3	225	665	-33	4	225	666	-32	6	214	662	-31	3	158	664	-28	4	153
15	654	-27	2	270	654	-32	2	224	658	-40	3	225	666	-39	4	225	666	-38	4	225	661	-31	5	141	664	-33	4	152
18	653	-31	2	235	654	-37	1	189	659	-42	2	225	666	-41	4	210	665	-40	4	180	662	-31	5	101	663	-35	3	180
21	653	-28	1	189	654	-35	1	225	660	-40	2	228	666	-39	4	197	664	-38	4	197	662	-33	5	90	663	-34	4	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	663	-29	4	141	662	-27	10	141	664	-24	8	90	667	-26	6	111	669	-26	8	90	667	-26	1	225	660	-28	3	222
03	663	-26	5	150	661	-24	13	127	665	-21	8	90	667	-23	9	105	669	-23	6	101	666	-21	3	218	659	-26	4	198
06	662	-25	7	143	661	-24	13	135	666	-19	9	94	668	-20	9	120	669	-19	7	104	665	-18	5	228	659	-23	3	180
09	662	-26	7	141	661	-22	15	117	666	-19	7	90	668	-19	6	122	669	-18	5	107	665	-18	4	195	659	-22	4	188
12	662	-29	5	141	662	-22	9	101	667	-22	5	124	668	-22	6	141	670	-22	2	141	664	-22	1	219	659	-24	2	180
15	662	-32	5	114	662	-24	9	111	667	-24	6	141	667	-25	6	141	669	-27	2	141	663	-28	2	225	659	-31	2	180
18	662	-34	5	141	663	-26	9	105	667	-28	6	141	668	-30	5	141	669	-30	1	145	662	-34	1	225	659	-31	3	141
21	662	-29	9	141	664	-26	8	90	667	-29	6	141	668	-28	4	111	668	-29	0	0	661	-34	1	212	659	-29	4	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	659	-29	4	160	655	-29	6	260	656	-30	5	141	660	-30	4	218	664	-30	4	218	657	-30	4	225	656	-32	4	90
03	658	-26	5	180	655	-27	6	255	657	-26	1	155	660	-27	5	180	664	-25	7	218	656	-26	8	174	657	-30	4	90
06	658	-25	4	180	654	-26	6	231	657	-26	4	277	662	-27	4	190	664	-26	8	214	656	-26	7	161	658	-29	4	59
09	658	-23	3	198	654	-26	6	225	657	-25	9	270	663	-26	4	180	664	-23	6	225	656	-24	6	141	659	-29	4	54
12	658	-24	3	236	654	-28	3	225	657	-28	7	270	664	-27	2	245	664	-25	4	225	656	-26	5	141	661	-30	1	76
15	657	-31	3	242	654	-30	5	180	656	-33	5	270	664	-34	2	225	662	-30	4	214	656	-32	2	180	661	-37	1	69
18	657	-37	3	225	654	-29	4	176	657	-31	6	253	664	-37	3	222	661	-36	3	225	655	-37	3	174	662	-39	1	22
21	656	-36	3	260	655	-31	3	180	658	-31	7	226	665	-36	3	225	659	-34	3	214	655	-37	3	138	663	-38	2	10
		DAY	29			DAY	30			DAY	31																	
00	664	-32	2	309	663	-33	3	277	664	-33	3	246																
03	664	-28	3	301	663	-29	4	270	X	X	X	X																
06	665	-26	5	270	662	-26	4	260	X	X	X	X																
09	664	-27	4	284	662	-27	2	270	X	X	X	X																
12	664	-31	2	295	663	-31	2	284	X	X	X	X																
15	664	-37	2	270	663	-38	2	270	X	X	X	X																
18	664	-39	2	270	663	-41	2	270	X	X	X	X																
21	663	-39	1	255	664	-39	1	270	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.6 STD DEV = 5.7 MAX = -15.2 AT 611 GMT ON DAY 9 MIN = -45.2 AT 1646 GMT ON DAY 2
* PRESSURE (MB) * MEAN = 659.2 STD DEV = 5.6 MAX = 669.6 AT 1112 GMT ON DAY 19 MIN = 647.1 AT 1005 GMT ON DAY 5
* WINDS (M/S) * MEAN = 4.1 STD DEV = 2.5 RESULTANT = 1.8 FROM 182. CONSTANCY = .42 MAX = 15.4 FROM 117. AT 901 GMT DAY 16
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.8 % PRESSURE: 2.8 % WINDS: 2.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	23	28	30	11	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	2	1	2	5	6	13	4	13	5	20	5	12	4	4	0

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	989	-6	4	257	995	-3	4	35	986	5	0	0	984	-8	6	308	987	-5	3	117	989	-5	3	295	989	-5	4	66
03	990	-5	4	271	994	-1	3	44	984	-3	3	208	986	-9	6	267	987	-5	3	97	988	-4	3	294	989	-3	1	293
06	991	-6	4	288	993	-1	3	37	983	-2	0	0	986	-9	5	293	987	-6	4	93	988	-4	2	231	989	-3	0	0
09	993	-5	1	297	992	-3	1	18	982	-5	1	222	987	-9	5	297	988	-6	3	75	988	-5	0	0	989	-6	1	205
12	993	-4	0	0	991	-5	0	0	981	-6	0	0	987	-10	2	283	988	-7	2	333	988	-8	1	342	988	-10	1	267
15	994	-6	1	24	989	-8	2	298	980	-9	1	335	988	-13	3	308	988	-7	1	280	988	-10	2	108	989	-11	3	309
18	994	-6	3	83	988	-4	1	359	981	-10	2	222	988	-10	2	326	989	-7	2	236	988	-8	2	108	989	-9	2	322
21	995	-6	2	104	987	-3	1	132	982	-7	2	243	988	-6	0	0	989	-7	3	297	989	-7	3	104	989	-5	2	304
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	988	0	0	0	982	-3	8	232	979	-3	7	236	983	-4	4	274	983	-6	4	219	980	-2	5	242	981	-3	4	249
03	987	X	0	0	981	-2	8	235	979	-4	5	207	983	-4	6	231	983	-6	4	200	980	-2	6	226	981	-2	5	290
06	986	-2	1	300	981	-1	7	250	980	-4	1	243	984	-5	5	260	983	-6	4	295	981	-3	5	231	981	-3	7	238
09	985	-4	4	285	980	-1	6	231	980	-4	1	211	983	-4	9	300	982	-6	2	291	981	-3	7	236	982	-5	1	290
12	985	-5	2	285	979	-3	5	243	980	-6	3	271	983	-6	5	225	982	-8	1	271	981	-4	6	242	982	-4	2	255
15	984	-8	3	288	978	-3	6	240	981	-9	3	283	983	-7	6	197	982	-8	2	322	981	-5	5	245	982	-5	3	291
18	983	-8	5	295	978	-3	4	212	982	-7	3	280	983	-6	5	229	982	-7	2	287	981	-4	5	226	983	-6	2	308
21	983	-5	5	280	979	-4	4	252	983	-6	3	276	984	-6	4	212	981	-5	4	302	982	-4	3	238	983	-6	4	305
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	984	-4	3	214	986	-4	8	218	981	0	1	30	992	-6	2	294	1001	-1	0	0	994	-1	1	290	985	-9	5	225
03	984	-3	4	300	985	-3	8	240	981	2	2	8	993	-3	2	248	1000	-1	1	66	992	-2	3	153	985	-8	4	245
06	984	-3	4	281	986	-3	6	224	981	0	3	231	995	-5	4	304	999	-2	2	59	990	-2	2	104	985	-8	4	264
09	985	-5	6	308	986	-4	6	243	982	-3	1	179	997	-5	3	291	998	-3	2	48	988	-2	2	114	986	-8	5	252
12	985	-4	5	266	985	-5	5	243	984	-7	2	217	998	-6	2	257	997	-4	2	68	987	-4	1	298	986	-10	6	271
15	985	-3	8	253	984	-6	1	290	985	X	1	235	999	-6	2	235	996	-4	1	142	985	-3	3	312	987	-9	7	304
18	986	-3	9	243	983	-5	1	4	988	-7	2	291	1000	-6	1	263	995	-6	4	290	985	-4	5	158	987	-7	8	250
21	986	-3	8	235	982	-3	1	103	990	-9	2	301	1001	-1	0	0	995	-4	1	285	985	-5	3	238	987	-6	7	276
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	987	-8	7	228	990	-7	5	314	X	X	X	X	982	-9	9	239	982	-5	5	307	987	-8	5	32	987	-14	5	266
03	987	-8	3	246	989	-5	6	316	981	-4	4	242	982	-8	5	260	983	-4	2	269	986	-7	4	28	988	-12	5	266
06	987	-8	3	238	988	-5	5	293	982	-6	9	232	981	-8	4	281	984	-6	1	210	985	-8	2	302	989	-11	8	287
09	987	-9	3	256	988	-6	7	270	983	-10	7	252	981	-8	3	276	986	-6	3	225	984	-12	3	45	990	-11	7	301
12	987	-8	4	232	987	-8	4	312	982	-11	6	253	981	-7	2	312	987	-8	3	256	984	-12	2	76	991	-12	8	288
15	988	-8	5	302	986	-6	5	295	982	-10	8	255	980	-9	1	46	988	-10	2	297	984	-17	2	270	991	-12	8	285
18	988	-8	4	256	985	-6	5	295	982	-9	7	243	980	-7	3	291	988	-10	2	63	984	-15	4	242	992	-11	6	267
21	989	-7	5	257	X	X	X	X	982	-9	9	240	981	-6	3	283	988	-8	3	49	986	-13	6	267	993	-11	7	274
		DAY	29			DAY	30			DAY	31																	
00	993	11	5	274	997	-11	6	301	991	-9	2	239																
03	994	-9	5	252	996	-9	5	288	989	-7	2	256																
06	995	-9	4	273	994	-9	6	243	989	-8	2	297																
09	995	-9	3	280	994	-10	8	235	987	-12	3	307																
12	X	X	X	X	993	-9	7	243	986	-10	3	300																
15	996	-11	5	285	993	-10	5	225	985	-17	3	252																
18	997	-11	6	257	992	-12	5	295	984	-14	1	257																
21	997	-13	4	256	992	-11	3	287	983	-12	4	300																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -6.3 STD DEV = 3.3 MAX = 1.5 AT 133 GMT ON DAY 19 MIN = -17.6 AT 1439 GMT ON DAY 31
* PRESSURE (MB) * MEAN = 986.7 STD DEV = 5.1 MAX =1000.8 AT 2252 GMT ON DAY 18 MIN = 977.8 AT 1803 GMT ON DAY 9
* WINDS (M/S) * MEAN = 3.7 STD DEV = 2.2 RESULTANT = 2.6 FROM 264. CONSTANCY = .71 MAX = 11.6 FROM 248. AT 2240 GMT DAY 15
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.0 % PRESSURE: 1.2 % WINDS: 1.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	25	35	23	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	2	3	3	1	3	1	1	0	4	13	21	13	23	8	1

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	983	-10	2	293	983	-7	9	249	984	-5	4	255	985	-4	2	194	989	-7	2	191	990	-7	0	0	988	-8	4	291
03	982	-8	3	285	982	-6	9	253	984	-4	4	257	985	-3	2	82	989	-6	2	66	989	-6	0	0	987	-8	5	300
06	982	-7	3	297	982	-6	10	256	983	-4	3	274	985	-6	2	63	989	-5	3	76	989	-9	2	307	987	-7	3	312
09	982	-10	2	300	983	-5	9	259	983	-8	4	290	986	-7	2	59	989	-6	1	274	989	-10	2	305	986	-7	2	263
12	982	-15	5	305	983	-5	8	263	984	-8	3	281	987	-5	1	77	989	-9	1	298	989	-10	1	291	986	-8	2	276
15	983	-15	5	311	983	-5	7	257	984	-7	3	293	987	-8	1	194	989	-10	1	273	989	-10	0	0	985	-8	2	270
18	983	-11	4	300	983	-5	6	263	984	-7	2	276	988	-8	3	276	990	-14	3	170	989	-10	2	242	985	-8	3	179
21	983	-10	8	273	984	-4	5	239	985	-5	4	193	989	-6	1	269	990	-13	0	0	989	-9	2	204	985	-10	3	186
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	986	-9	6	283	990	-10	12	250	989	-10	8	224	991	-12	3	228	X	X	X	X	988	-14	2	105	985	-14	6	76
03	986	-10	4	236	990	-11	10	238	988	-10	10	233	990	-11	3	249	990	-10	1	86	987	-11	2	127	984	-12	2	94
06	986	-10	5	245	990	-10	9	238	988	-10	10	236	991	-11	2	245	989	-10	0	0	987	-11	0	0	984	-12	1	319
09	987	-13	6	293	990	-11	9	233	988	-10	7	236	991	-11	2	280	989	-12	1	308	987	-18	1	309	984	-14	0	0
12	988	-12	6	278	990	-11	8	240	989	-11	6	231	991	-12	1	297	988	-18	2	300	986	-18	1	136	985	-14	0	0
15	988	-13	8	239	989	-11	9	242	989	-12	7	231	X	X	X	X	987	-21	0	0	985	-23	1	269	986	-15	1	233
18	989	-15	6	278	989	-11	8	224	989	-12	7	225	X	X	X	X	988	-20	2	46	985	-24	2	280	987	-15	3	323
21	989	-11	7	252	989	-11	7	233	990	-12	5	207	991	-10	0	0	987	-17	2	59	985	-18	2	90	988	-15	2	260
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	988	-17	3	294	990	-15	0	0	985	-18	1	181	976	-16	5	294	973	-13	3	307	977	-14	5	210	980	-12	3	343
03	988	-15	3	294	990	-15	2	295	983	-16	2	52	975	-14	4	294	973	-11	4	325	978	-14	5	233	979	-14	3	97
06	988	-15	1	262	990	-16	3	298	980	-13	1	66	974	-16	3	215	972	-9	3	330	979	-13	5	255	978	-15	6	73
09	988	-16	2	257	990	-18	4	293	978	-12	1	10	974	-18	0	0	972	-10	8	232	979	-13	7	267	978	-15	7	55
12	988	-18	2	305	990	-18	6	284	976	-21	1	186	974	-25	2	291	973	-10	8	229	980	-13	7	267	978	-16	2	278
15	989	-25	2	322	990	-23	3	304	976	X	2	238	974	-27	3	271	973	-11	7	233	981	-12	6	245	977	-17	3	264
18	989	-26	2	290	989	-21	3	297	976	-17	3	294	974	-24	3	277	973	-10	8	232	981	-13	4	246	977	-18	2	252
21	990	-24	2	233	988	-20	3	270	976	-21	4	236	974	-19	4	307	975	-10	11	233	980	-12	5	271	977	-14	1	173
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	978	-14	3	169	980	-16	4	281	978	-15	0	0	980	-17	6	301	984	-21	0	0	985	-22	1	215	985	-22	2	77
03	977	-13	0	0	979	-15	4	284	978	-14	0	0	981	-16	5	288	984	-19	2	329	985	-19	1	356	984	-19	0	0
06	977	-15	1	235	979	-15	4	269	977	-15	0	0	981	-15	5	278	984	-18	3	297	985	-23	3	48	985	-25	2	259
09	977	-15	2	290	979	-16	3	290	978	-17	2	233	982	-15	6	284	984	-18	4	318	985	-19	4	70	984	-28	1	295
12	978	-16	2	259	979	-15	2	298	978	-18	1	249	983	-16	3	288	984	-22	3	274	985	-20	2	97	983	-28	3	328
15	978	-16	3	301	979	-15	2	290	978	-17	2	242	982	-21	3	311	984	-26	2	214	984	-21	4	108	982	-35	2	239
18	979	-18	2	263	978	-16	0	0	979	-18	2	266	982	-21	3	315	985	-28	3	330	984	-26	4	82	981	-32	2	287
21	979	-17	4	277	978	-16	0	0	980	-17	5	281	983	-25	0	0	985	-24	2	284	984	-22	5	84	981	-30	4	288

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -14.0 , STD DEV = 5.9 MAX = -2.2 AT 118 GMT ON DAY 4 MIN = -36.7 AT 1743 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 983.7 STD DEV = 5.0 MAX = 991.6 AT 2238 GMT ON DAY 11 MIN = 971.8 AT 621 GMT ON DAY 19
* WINDS (M/S) * MEAN = 3.4 STD DEV = 2.5 RESULTANT = 2.3 FROM 261. CONSTANCY = .66 MAX = 11.8 FROM 253. AT 250 GMT DAY 2
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.8 % PRESSURE: 1.3 % WINDS: 1.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	32	39	14	7	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	2	5	4	1	1	0	4	3	13	13	19	20	9	2

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	981	-27	3	274	984	-25	0	0	984	-30	1	243	971	-26	4	73	966	-19	4	295	973	-23	4	293	972	-26	3	264
03	981	-26	5	298	984	-26	2	287	983	-22	0	0	969	-26	5	59	966	-20	3	301	973	-23	2	281	972	-24	4	273
06	981	-29	3	291	984	-26	1	298	981	-28	5	307	968	-27	3	360	966	-18	2	150	973	-25	3	270	971	-26	1	231
09	981	-25	3	298	984	-28	0	0	980	-24	2	281	967	-29	2	359	967	-22	2	3	973	-26	3	262	970	-27	2	217
12	982	-26	3	267	984	-35	2	131	978	-28	3	256	966	-34	3	308	969	-25	5	284	973	-25	2	321	968	-30	1	330
15	982	-24	2	300	985	-36	2	146	977	-30	2	307	966	-33	3	308	970	-24	5	308	973	-29	2	222	966	-31	3	65
18	982	-29	2	17	985	-26	3	35	975	-28	1	191	965	-31	2	350	971	-21	5	318	973	-28	3	301	964	-31	5	77
21	983	-27	1	66	985	-31	2	235	973	-30	6	66	965	-25	3	295	972	-21	4	252	973	-28	4	291	965	-32	1	6
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	965	-33	5	288	975	-22	14	235	974	-28	6	77	974	-22	4	300	974	-25	12	240	974	-27	3	291	973	-35	2	217
03	966	-29	6	283	975	-22	8	224	975	-28	2	80	972	-20	5	291	976	-23	10	245	974	-25	2	280	973	-33	3	105
06	968	-25	11	229	974	-23	5	228	975	-27	3	300	971	-19	4	242	978	-23	11	228	X	X	X	X	973	-32	2	87
09	970	-26	15	243	974	-23	4	231	975	-31	3	338	971	-19	10	250	978	-23	7	211	972	-29	3	79	972	-35	0	0
12	970	-22	15	252	973	-30	2	201	976	-34	2	325	972	-22	8	252	977	-28	3	274	973	-30	4	330	971	-36	1	259
15	971	-22	19	233	973	-29	1	49	976	-35	0	0	972	-24	13	267	976	-29	2	281	973	-34	3	291	970	-39	2	260
18	972	-22	14	249	973	-33	4	72	976	-37	5	290	973	-24	14	256	976	-26	5	295	973	-36	1	148	970	-35	5	294
21	973	-22	18	239	973	-31	5	90	975	-31	3	291	974	-25	13	243	975	-26	2	315	973	-36	1	149	971	-30	7	315
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	970	-26	7	276	984	-26	8	249	984	-30	4	284	991	-30	5	267	989	-37	3	291	982	-24	2	72	980	-20	0	0
03	970	-26	7	287	985	-27	5	248	984	-30	3	260	991	-29	3	232	988	-36	2	297	981	-27	2	68	981	-21	0	0
06	971	-25	8	301	985	-27	4	232	984	-30	0	0	992	-30	3	266	986	-34	5	301	982	-27	4	308	984	-27	0	0
09	973	-30	7	284	984	-28	2	198	984	-34	3	94	992	-33	2	250	984	-26	6	297	982	-24	3	307	987	-25	0	0
12	974	-28	8	298	984	-31	1	83	985	-35	0	0	991	-36	0	0	984	-26	5	295	981	-28	4	316	989	-27	8	318
15	976	-23	6	256	983	-33	2	69	986	-34	2	295	991	-34	0	0	983	-28	3	278	980	-28	1	48	993	-28	6	302
18	980	-26	7	245	984	-38	0	0	987	-32	4	245	991	-38	0	0	982	-29	3	297	979	-24	3	360	994	-27	7	302
21	982	-26	9	252	984	-35	3	304	990	-30	4	270	990	-40	2	290	982	-24	1	256	979	-24	3	352	995	-29	6	281
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	995	-30	8	305	975	-36	X	222	968	-31	X	284	968	-40	X	222	964	-33	X	68	964	-32	X	273	970	-42	X	297
03	993	-27	6	311	973	-35	X	122	969	-30	X	308	972	-32	X	294	962	-30	X	274	964	-34	X	285	970	-38	X	304
06	990	-32	3	315	973	-34	X	158	969	-30	X	300	973	-28	X	278	961	-34	X	32	965	-37	X	302	971	-39	X	274
09	987	-32	2	25	973	-35	X	353	968	-30	X	346	975	-27	X	274	961	-42	X	326	966	-37	X	283	971	-36	X	259
12	984	-35	0	0	972	-36	X	83	964	-36	X	349	975	-31	X	298	961	-42	X	295	967	-40	X	302	971	-34	X	300
15	981	-33	2	350	970	-33	X	77	962	-35	X	301	973	-32	X	280	962	-44	X	295	968	-42	X	321	971	-29	X	23
18	978	-31	2	342	969	-31	X	82	963	-36	X	293	971	-33	X	236	963	-35	X	290	969	-41	X	307	971	-29	X	23
21	976	-32	X	291	968	-27	X	77	964	-39	X	229	968	-37	X	63	963	-35	X	269	969	-42	X	300	971	-25	X	308
		DAY	29			DAY	30			DAY	31																	
00	971	-21	X	309	975	-29	X	297	981	-29	X	24																
03	971	-23	X	329	975	-27	X	266	981	-32	X	69																
06	972	-25	X	269	976	-26	X	283	982	-32	X	89																
09	972	-28	X	224	977	-27	X	273	982	-32	X	75																
12	972	-30	X	197	978	-27	X	232	982	-33	X	98																
15	972	-27	X	273	978	-31	X	232	983	-37	X	49																
18	973	-31	X	297	979	-33	X	319	983	-35	X	242																
21	974	-31	X	235	980	-30	X	271	984	-39	X	49																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.5 STD DEV = 5.2 MAX = -17.4 AT 743 GMT ON DAY 11 MIN = -44.6 AT 1935 GMT ON DAY 27
* PRESSURE (MB) * MEAN = 975.7 STD DEV = 7.6 MAX = 995.1 AT 2212 GMT ON DAY 21 MIN = 960.5 AT 723 GMT ON DAY 26
* WINDS (M/S) * MEAN = 4.1 STD DEV = 3.5 RESULTANT = 2.7 FROM 273. CONSTANCY = .65 MAX = 20.5 FROM 252. AT 1625 GMT DAY 8
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: 29.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	29	37	15	9	3	2	3	1	0	1	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	1	2	7	4	1	1	2	1	2	9	14	13	25	11	3

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	980	-36	X	267	983	-42	X	142	988	-35	X	304	989	-35	X	248	982	-31	X	359	984	-38	X	305
03	983	-39	X	183	981	-33	X	278	984	-38	X	325	988	-28	X	360	988	-32	X	264	982	-34	X	59	984	-36	X	302
06	983	-39	X	38	980	-43	X	319	985	-34	X	308	988	-32	X	311	986	-33	X	302	983	-33	X	270	984	-39	X	90
09	982	X	X	228	980	-40	X	359	985	-30	X	281	988	-35	X	290	985	-32	X	174	983	-35	X	278	983	-41	X	103
12	981	-39	X	315	980	-40	X	37	985	-35	X	307	989	-39	X	284	984	-34	X	83	983	-35	X	225	983	-42	X	58
15	981	-40	X	21	980	-46	X	186	986	-38	X	242	989	-32	X	277	982	-34	X	90	983	-36	X	248	982	-43	X	30
18	980	-40	X	69	981	-38	X	288	986	-38	X	25	990	-32	X	293	981	-32	X	65	984	-36	X	225	982	-47	X	281
21	980	-35	X	73	982	-45	X	287	987	-33	X	312	990	-33	X	284	981	-31	X	291	984	-38	X	300	983	-49	X	276
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	984	-38	X	267	982	-35	X	239	955	-45	X	269	956	-44	X	318	965	-35	X	262	971	-32	X	207	977	-25	X	283
03	986	-42	X	293	979	-36	X	217	954	-49	X	214	957	-40	X	304	965	-34	X	256	974	-33	X	291	978	-27	X	300
06	987	-46	X	267	976	-38	X	204	953	X	X	253	956	-34	X	328	965	-35	X	253	975	-33	X	273	978	-26	X	276
09	989	-44	X	290	972	-44	X	167	953	-49	X	293	955	-26	X	318	967	-34	X	260	975	-30	X	301	977	-28	X	273
12	988	-41	X	273	967	-47	X	45	954	-51	X	291	956	-24	X	248	968	-30	X	274	974	-33	X	307	976	-27	X	232
15	988	-35	X	226	963	-42	X	76	955	-49	X	304	959	-29	X	256	969	-31	X	300	974	-34	X	276	975	-28	X	197
18	987	-36	X	239	960	-42	X	82	955	-48	X	301	960	-29	X	246	970	-28	X	280	975	-26	X	266	977	-25	X	243
21	985	-35	X	224	957	-44	X	37	956	-47	X	284	962	-32	X	235	970	-32	X	271	976	-29	X	277	981	-32	X	226
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	981	-26	X	249	985	-25	6	219	973	-15	11	259	970	-33	8	212	977	-16	7	259	991	-28	6	284	981	-31	3	284
03	982	-24	X	217	983	-27	6	252	967	-14	16	235	975	-29	8	269	977	-16	10	239	989	-27	4	285	980	-22	2	84
06	982	-22	X	233	982	-20	9	226	966	-16	15	235	974	-29	5	301	980	-19	4	281	988	-29	2	269	979	-23	5	125
09	983	-22	X	217	983	-23	10	226	963	-16	18	232	974	-30	2	274	983	-22	5	253	986	-28	2	42	979	-25	5	76
12	983	-22	X	236	983	-23	2	271	962	-14	18	231	972	-22	1	311	985	-26	4	264	984	-30	3	51	979	-29	2	83
15	984	-20	X	215	982	-19	5	256	962	-12	19	242	972	-25	3	35	987	-28	2	259	982	-31	2	84	979	-29	0	0
18	984	-21	13	203	979	-18	12	219	962	-11	21	235	973	-18	6	264	989	-28	4	280	980	-32	1	176	981	-33	2	274
21	986	-27	7	222	976	-16	12	238	963	-14	15	231	975	-17	6	259	991	-29	3	271	980	-28	5	301	982	-32	3	291
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	985	-33	4	304	988	-32	4	276	985	-36	3	203	982	-43	4	291	981	-39	1	212	979	-27	10	233	978	-29	9	201
03	987	-27	5	276	988	-36	6	274	984	-35	1	343	981	-40	4	294	980	-40	2	53	979	-30	7	218	978	-29	7	278
06	988	-30	4	283	989	-38	5	291	983	-35	1	224	981	-38	3	212	981	-43	2	197	981	-33	5	302	978	-28	5	284
09	988	-29	7	264	989	-36	1	264	983	-38	3	232	980	-38	4	204	981	-40	0	0	980	-31	6	263	976	-30	4	300
12	988	-31	3	293	988	-36	4	277	983	-40	4	232	981	-35	4	269	980	-37	6	304	980	-30	7	304	975	-34	3	245
15	988	-30	2	329	987	-38	2	271	982	-37	3	231	982	-38	6	288	979	-33	0	0	979	-29	7	270	973	-33	1	259
18	988	-41	2	214	986	-40	4	307	983	-36	3	267	982	-35	3	248	979	-37	0	0	979	-34	4	271	972	-33	1	300
21	988	-40	2	222	985	-38	3	293	982	-37	3	283	981	-36	2	46	978	-35	6	295	979	-33	4	300	971	-34	2	311
		DAY	29			DAY	30																					
00	969	-32	1	293	965	-19	13	236																				
03	968	-38	0	0	966	-18	9	233																				
06	968	-37	0	0	967	-17	10	219																				
09	967	-33	3	276	969	-20	1	277																				
12	966	-32	4	248	970	-20	7	194																				
15	966	-25	6	243	972	-21	9	224																				
18	964	-21	7	263	975	-29	9	208																				
21	964	-19	12	228	976	-32	10	218																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -32.1 STD DEV = 7.9 MAX = -11.1 AT 1748 GMT ON DAY 17 MIN = -52.2 AT 1347 GMT ON DAY 10
* PRESSURE (MB) * MEAN = 977.8 STD DEV = 9.1 MAX = 990.9 AT 2250 GMT ON DAY 19 MIN = 953.1 AT 844 GMT ON DAY 10
* WINDS (M/S) * MEAN = 5.4 STD DEV = 4.3 RESULTANT = 4.3 FROM 248. CONSTANCY = .79 MAX = 22.2 FROM 236. AT 1557 GMT DAY 17
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: .4 % WINDS: 49.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	18	28	23	11	8	2	4	2	2	1	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	4	1	3	0	1	0	1	9	22	9	27	18	5	2

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	977	-30	7	221	980	-35	5	302	980	-26	4	314	955	-26	4	86	966	-27	12	222	968	-39	4	298	968	-44	2	193
03	978	-30	9	221	982	-39	3	290	977	-28	3	308	955	-23	0	0	967	-28	11	229	968	-41	3	288	969	-42	2	239
06	978	-29	8	224	981	-35	3	291	971	-28	4	328	956	-30	0	0	968	-30	6	224	968	-34	0	0	966	X	1	260
09	978	-34	4	210	981	-32	2	44	966	-30	1	284	957	-25	7	218	967	-30	6	208	968	-35	3	86	962	-41	0	0
12	978	-36	3	266	982	-41	2	96	958	-26	4	173	959	-24	14	246	967	-32	6	208	969	-39	4	89	959	-43	2	186
15	978	-38	3	287	982	-32	0	0	957	-21	0	0	960	-23	18	239	969	-34	7	283	969	-37	3	318	962	X	0	0
18	978	-38	4	290	985	-32	5	233	957	-28	0	0	962	-22	21	256	970	-38	6	283	970	-42	3	302	962	X	1	235
21	979	-36	4	291	984	-27	5	312	957	-25	0	0	965	-25	16	235	970	-37	6	316	969	X	3	42	963	-30	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	968	-36	9	287	968	-23	6	293	975	-21	13	231	989	-28	2	264	987	X	1	270	989	-36	4	278	995	-34	4	235
03	969	-32	7	300	968	-21	0	0	977	-19	12	233	989	-28	1	121	987	-41	0	0	989	-31	2	257	996	-37	3	274
06	970	-32	4	288	968	-21	13	240	980	-19	11	242	988	-31	1	59	987	-37	1	301	989	-30	1	267	996	-37	3	273
09	969	-35	4	302	970	-22	10	243	982	-20	11	238	988	-31	3	73	986	X	1	305	990	-32	0	0	997	-45	3	302
12	969	-40	0	0	968	-19	12	232	985	-22	11	226	989	-32	3	98	986	-36	0	0	991	-33	2	68	997	-37	1	195
15	969	-35	3	345	969	-20	10	221	987	-23	13	224	989	-34	2	290	986	-34	6	305	992	-35	2	285	996	-46	1	271
18	970	-41	3	295	969	-19	15	228	988	-26	6	214	988	-39	1	285	986	-32	5	284	994	-35	2	250	996	-43	3	277
21	969	-33	4	291	973	-21	10	239	989	-26	3	281	988	-40	0	0	988	-37	6	276	995	-33	5	283	995	-42	3	295
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	994	-41	3	288	985	-43	0	0	985	-31	0	0	999	-30	0	0	997	-34	6	273	985	-23	9	224	974	-17	2	177
03	994	-41	3	287	984	-39	2	255	986	-27	0	0	1001	-32	0	0	996	-28	0	0	983	-21	15	233	973	-21	7	91
06	993	-40	3	298	984	-44	1	307	988	-23	2	295	1002	-33	3	263	995	-27	8	229	982	-20	14	233	977	-25	5	80
09	992	-38	3	301	984	-40	2	302	992	-27	0	0	1003	-33	3	284	994	-30	6	269	982	-19	15	249	978	-25	2	38
12	990	-41	3	321	984	-36	0	0	994	-28	0	0	1003	-28	2	304	991	-30	5	266	980	-18	12	245	980	-26	1	253
15	989	-39	3	314	984	-32	0	0	995	-29	5	278	1001	-33	5	284	989	-29	5	278	976	-16	11	248	980	-31	7	73
18	987	-38	3	340	984	-29	0	0	997	-32	5	269	1000	-36	5	294	988	-31	3	295	975	-17	12	228	979	-26	7	52
21	986	X	1	281	984	-30	0	0	998	-31	7	304	999	-35	5	288	987	-24	11	224	974	-17	9	226	981	-33	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	981	-29	4	63	987	-34	2	94	995	-30	1	249	1002	-34	0	0	1001	-34	1	288	997	-43	3	72	985	-49	0	0
03	981	-30	4	59	988	-33	1	93	996	-31	0	0	1002	-35	3	97	1001	-35	2	262	995	-41	3	96	985	-49	1	153
06	982	-31	3	156	989	-28	0	0	996	-31	1	257	1002	-37	3	111	1001	-38	0	0	993	-40	3	87	986	-40	3	86
09	983	-38	2	221	989	-28	0	0	997	-31	6	271	1000	-33	7	82	1002	-40	3	315	989	-40	3	79	987	-39	0	0
12	984	-31	3	53	991	-30	3	195	999	-33	3	252	1000	-35	0	0	1001	-39	0	0	988	-47	1	285	989	-43	0	0
15	985	-29	4	114	992	-29	0	0	1000	-32	3	240	1000	-34	0	0	1001	-40	3	113	987	-49	3	173	990	-43	0	0
18	987	-31	4	55	994	-30	0	0	1000	-32	1	256	1000	-34	0	0	999	-42	3	68	985	-50	0	0	991	-45	0	0
21	987	-29	5	23	994	-31	3	89	1001	-36	1	93	1000	-34	0	0	998	-43	3	77	984	-46	0	0	991	X	0	0
		DAY	29			DAY	30			DAY	31																	
00	992	X	0	0	993	-51	0	0	985	-46	0	0																
03	992	-47	0	0	992	-49	0	0	985	-47	0	0																
06	993	-46	0	0	991	-43	0	0	984	-51	0	0																
09	993	-40	0	0	990	-46	0	0	985	-44	0	0																
12	994	-40	0	0	989	-46	0	0	985	-42	0	0																
15	994	-46	0	0	987	-47	0	0	984	-43	0	0																
18	994	-48	0	0	987	-50	0	0	984	-44	0	0																
21	994	-50	0	0	986	-47	0	0	983	-42	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -33.7 STD DEV = 8.0 MAX = -14.9 AT 2225 GMT ON DAY 20 MIN = -51.1 AT 2312 GMT ON DAY 29
* PRESSURE (MB) * MEAN = 984.0 STD DEV = 11.8 MAX =1003.0 AT 1201 GMT ON DAY 18 MIN = 952.7 AT 138 GMT ON DAY 4
* WINDS (M/S) * MEAN = 3.5 STD DEV = 3.9 RESULTANT = 2.0 FROM 253. CONSTANCY = .58 MAX = 20.8 FROM 256. AT 1757 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 3.6 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	43	27	14	4	3	4	2	2	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	1	3	5	10	2	0	1	2	3	15	12	13	23	7	2

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	982	-42	X	X	977	-34	X	X	979	-26	X	X	975	-22	X	0	980	-24	11	222	986	-23	12	226	981	-36	0	0
03	981	-37	X	X	977	-28	X	X	979	-28	X	X	975	-23	X	0	980	-21	10	235	987	-24	9	225	981	-39	2	329
06	979	-43	X	X	979	-29	X	X	978	-29	X	X	976	-21	X	0	981	-23	13	219	987	-29	4	211	983	-29	4	291
09	978	-48	X	X	978	-34	X	X	977	-25	X	X	976	-20	X	0	982	-21	11	225	986	-27	0	0	987	-27	8	259
12	978	-48	X	X	979	-34	X	X	975	-26	X	X	976	-18	X	0	983	-22	12	231	984	-26	2	136	991	-28	8	267
15	978	-46	X	X	981	-37	X	X	974	-23	X	X	979	-21	1	245	983	-22	13	239	983	-30	2	77	993	-29	6	250
18	977	-36	X	X	980	-30	X	X	974	-25	X	X	980	-22	0	0	987	-24	15	224	982	-28	0	0	992	-26	5	285
21	977	-34	X	X	978	-27	X	X	972	-23	X	X	981	-22	8	235	987	-24	10	240	981	-34	2	27	989	-25	6	308
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	987	-30	5	291	980	-14	13	250	980	-12	14	252	991	-16	12	235	994	-26	4	281	981	-34	2	107	972	-36	2	56
03	986	-26	7	252	978	-12	14	249	979	-12	10	236	994	-18	10	240	993	-28	3	285	977	-34	7	101	973	-38	4	224
06	985	-19	10	253	978	-13	15	242	978	-13	13	231	995	-18	6	198	991	-28	1	243	976	-37	0	0	975	-38	5	284
09	981	-16	10	259	977	-14	15	250	977	-14	11	228	995	-21	1	134	989	-29	0	0	974	-36	3	266	979	-36	5	277
12	982	-20	13	231	976	-14	13	228	978	-13	16	240	994	-24	3	70	988	-33	3	90	972	-35	6	288	980	-36	18	214
15	982	-21	11	250	977	-13	13	235	979	-14	15	233	994	-21	2	183	986	-30	1	69	971	-35	2	257	983	-36	15	221
18	981	-19	8	262	979	-14	15	246	983	-16	14	218	995	-25	3	288	985	-31	3	288	971	-36	4	288	987	-34	12	226
21	980	-16	12	257	980	-14	15	242	988	-16	9	231	995	-26	3	308	983	-30	4	70	971	-35	1	68	990	-35	11	222
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	991	-36	10	232	987	-39	0	0	982	-43	2	82	966	-43	4	322	977	-44	3	73	980	-42	1	302	984	-42	2	280
03	993	-37	1	271	986	-42	3	115	978	-41	2	55	966	-47	3	233	977	-40	5	77	979	-41	0	0	980	-42	2	204
06	992	-35	1	235	986	-42	4	100	976	-42	1	120	967	-40	2	235	977	-43	6	108	980	-42	0	0	976	-45	5	76
09	990	-37	2	83	986	-45	2	79	973	-46	0	0	969	-38	6	250	978	-43	4	127	980	-42	3	301	971	-43	9	53
12	991	-38	2	293	987	-48	1	243	970	-45	1	326	971	-36	13	217	979	-45	3	24	981	-41	4	259	969	-46	1	38
15	990	-39	2	353	987	-48	3	311	967	-48	2	255	976	-39	8	221	979	-45	3	181	983	-42	8	270	970	-53	2	215
18	989	-42	3	318	986	-39	3	63	966	-47	3	246	978	-38	2	262	977	-47	2	118	985	-41	8	288	970	-49	2	308
21	988	-42	2	80	984	-43	3	77	967	-48	5	253	978	-39	0	0	978	-45	2	330	985	-42	6	288	970	-45	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	974	-48	4	273	980	-46	3	266	970	-53	3	28	958	-41	2	210	969	-19	12	229	981	-33	1	187	980	-30	5	250
03	978	-45	7	307	979	-49	2	326	967	-51	1	15	961	-41	3	240	969	-20	13	233	982	-33	1	288	978	-26	9	217
06	982	-42	9	259	978	-48	3	82	963	-53	2	14	965	-46	4	259	970	-20	12	224	983	-32	2	239	974	-30	9	225
09	983	-45	7	266	976	-50	4	65	960	-51	0	0	966	-39	6	300	971	-21	17	226	983	-31	2	269	972	-29	6	283
12	983	-45	5	274	975	-52	3	51	957	-41	2	118	965	-34	3	284	973	-22	15	226	983	-29	5	229	968	-30	2	222
15	983	-46	6	273	975	-54	0	0	956	-45	3	91	964	-25	7	240	975	-23	12	214	983	-28	5	233	964	-33	1	158
18	982	-44	6	257	974	-52	4	311	956	-40	5	276	966	-22	13	239	977	-29	6	177	983	-34	3	288	962	-40	2	321
21	981	-45	3	294	972	-55	2	204	957	-35	3	235	968	-21	7	219	979	-31	2	207	981	-28	9	249	960	-39	1	63
		DAY	29			DAY	30																					
00	962	-38	1	328	967	-25	3	235																				
03	964	-39	2	308	968	-25	8	233																				
06	967	-37	6	288	971	-24	13	243																				
09	967	-30	5	276	972	-25	13	245																				
12	966	-28	5	295	975	-26	15	233																				
15	965	-28	3	278	977	-27	16	229																				
18	965	-26	3	298	977	-30	12	224																				
21	966	-26	1	239	976	-31	11	228																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -32.8 STD DEV = 10.5 MAX = -11.1 AT 158 GMT ON DAY 10 MIN = -56.6 AT 2142 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 978.0 STD DEV = 8.3 MAX = 995.2 AT 1875 GMT ON DAY 11 MIN = 955.2 AT 1654 GMT ON DAY 24
* WINDS (M/S) * MEAN = 5.7 STD DEV = 4.6 RESULTANT = 4.2 FROM 242. CONSTANCY = .73 MAX = 23.0 FROM 221. AT 837 GMT DAY 26
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 12.1 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	25	27	13	6	9	7	8	5	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	3	3	6	5	3	2	1	2	3	25	17	12	12	6	2

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	977	-35	6	252	975	-46	4	293	984	-36	6	248	993	-26	10	233	982	-32	6	84	983	-28	0	0	999	-35	4	297
03	976	-34	6	246	977	-36	4	283	986	-33	8	285	993	-26	12	229	975	-29	9	60	985	-34	3	59	998	-34	5	298
06	974	-35	5	294	979	-36	6	290	986	-27	14	229	995	-24	11	240	969	-34	2	293	987	-37	3	148	997	-33	3	285
09	974	-36	3	291	980	-26	10	253	988	-28	10	224	996	-25	9	250	969	-37	3	288	992	-35	3	48	996	-41	4	256
12	973	-38	0	0	979	-28	7	232	988	-28	8	214	995	-29	4	252	972	-27	10	276	994	-34	4	262	995	-41	3	298
15	972	-39	1	89	981	-29	6	273	989	-31	7	219	993	-29	3	318	976	-26	8	231	996	-33	0	0	993	-39	4	307
18	973	-38	2	89	982	-29	5	266	989	-26	16	222	990	-30	3	353	979	-26	3	204	997	-31	0	0	990	X	2	276
21	974	-40	3	48	982	-32	5	218	993	-27	9	249	987	-26	1	77	981	-27	3	312	998	-32	1	256	987	-40	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	985	-39	1	134	986	-36	8	285	970	-43	1	198	984	-42	2	298	992	-26	3	300	1005	-29	5	242	1011	-46	2	360
03	982	-46	3	301	985	-38	5	302	970	-43	0	0	985	-38	0	0	993	-29	4	281	1005	-32	7	239	1013	-47	3	281
06	980	X	2	264	983	-39	6	284	970	-45	0	0	986	-35	3	52	995	-28	5	295	1006	-36	3	290	1016	-45	2	198
09	981	-46	4	312	981	-40	2	311	972	-51	0	0	987	-37	0	0	997	-26	5	269	1006	-37	2	263	1016	-36	0	0
12	981	-38	4	309	977	-40	1	159	976	-47	3	304	987	-36	4	304	998	-26	7	290	1005	-36	3	72	1017	-40	1	56
15	983	-38	6	308	974	-45	1	70	979	-49	3	288	988	-31	3	312	1000	-26	8	249	1005	-34	7	56	1018	-43	1	260
18	985	-42	6	297	972	-44	2	163	981	-46	2	291	989	-30	3	297	1002	-27	7	252	1007	-36	0	0	1018	-49	3	307
21	986	-39	8	290	971	-43	1	233	982	X	0	0	990	-30	4	309	1003	-30	7	290	1008	-43	3	253	1019	-43	5	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1019	-43	5	328	1014	-45	3	115	999	-43	0	0	1002	-50	1	226	1002	-48	0	0	992	-41	1	283	977	-54	0	0
03	1018	-43	5	277	1014	-45	4	308	998	-37	0	0	1002	-46	0	0	1000	-51	2	274	989	X	0	0	977	-51	0	0
06	1019	-41	6	277	1012	-45	2	25	997	-33	0	0	1002	-51	4	266	999	-47	3	300	986	-41	0	0	977	-49	0	0
09	1020	-39	4	285	1009	-48	0	0	997	-32	0	0	1003	-52	4	285	997	-41	0	0	983	-53	0	0	976	-46	0	0
12	1019	-39	2	267	1006	-50	0	0	998	-34	0	0	1003	-51	5	309	996	-42	0	0	981	-47	0	0	976	-48	0	0
15	1018	-38	0	0	1003	-46	1	314	1001	X	3	240	1004	-49	3	273	995	X	0	0	979	-52	0	0	976	X	0	0
18	1018	-39	2	31	1000	-38	0	0	1002	-49	4	253	1003	-52	3	269	994	-38	0	0	977	-56	0	0	975	X	0	0
21	1016	-44	4	100	996	X	1	259	1001	-51	0	0	1002	-51	1	239	993	-41	0	0	977	-54	0	0	975	-43	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	975	-42	0	0	982	-31	0	0	989	-35	0	0	981	-35	0	0	968	-30	0	0	964	-28	0	0	966	-26	0	0
03	974	-35	0	0	983	-32	0	0	990	-34	0	0	979	-26	0	0	966	-32	0	0	963	-28	0	0	969	-33	0	0
06	975	-37	0	0	982	-30	0	0	990	-37	0	0	977	-26	0	0	965	-40	0	0	961	-24	0	0	971	-34	0	0
09	977	-37	0	0	982	-28	0	0	988	-38	0	0	975	-26	0	0	965	-34	0	0	962	-25	0	0	972	-35	0	0
12	980	-32	0	0	983	-32	0	0	988	-42	0	0	973	-26	0	0	965	-32	0	0	963	-28	0	0	974	-37	0	0
15	980	-32	0	0	985	-29	0	0	986	-42	0	0	972	-26	0	0	966	-33	0	0	963	-27	0	0	975	-38	0	0
18	981	-30	0	0	985	-28	0	0	984	-42	0	0	970	-25	0	0	964	-35	0	0	964	-26	0	0	976	-33	0	0
21	981	-30	0	0	987	-28	0	0	982	-38	0	0	969	-31	0	0	964	-38	0	0	965	-26	0	0	977	-30	0	0
		DAY	29			DAY	30			DAY	31																	
00	977	-25	0	0	979	-27	0	0	981	-28	0	0																
03	977	-27	0	0	979	-26	0	0	979	-29	0	0																
06	978	-27	0	0	980	-29	0	0	978	-28	0	0																
09	978	-27	0	0	978	-28	0	0	977	X	0	0																
12	977	-33	0	0	977	-34	0	0	977	-36	0	0																
15	977	-32	0	0	977	-26	0	0	976	-36	0	0																
18	977	-26	0	0	977	-26	0	0	974	-34	0	0																
21	978	-24	0	0	978	-29	0	0	973	-33	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.9 STD DEV = 7.8 MAX = -22.6 AT 718 GMT ON DAY 4 MIN = -56.5 AT 2152 GMT ON DAY 20
* PRESSURE (MB) * MEAN = 986.3 STD DEV = 14.0 MAX =1019.8 AT 1126 GMT ON DAY 15 MIN = 960.8 AT 621 GMT ON DAY 27
* WINDS (M/S) * MEAN = 2.2 STD DEV = 3.0 RESULTANT = 1.5 FROM 271. CONSTANCY = .65 MAX = 16.0 FROM 222. AT 1740 GMT DAY 3
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 4.0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	60	18	11	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	2	4	4	3	1	1	2	0	2	10	15	15	25	12	1

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	974	-34	0	0	978	-34	0	0	985	-40	4	239	967	-23	12	245	963	-26	7	222	967	-27	15	236	963	-23	5	228
03	975	-36	0	0	981	-34	0	0	984	-38	0	0	965	-22	11	236	964	-29	6	238	968	-25	16	246	961	-21	9	232
06	977	-34	0	0	980	-36	0	0	981	-37	0	0	964	-23	10	226	964	-30	9	274	968	-24	13	242	963	-21	13	233
09	978	-39	0	0	982	-39	0	0	979	-34	0	0	965	-23	13	232	964	-28	10	249	969	-24	12	245	963	-19	12	257
12	978	-39	0	0	983	-39	0	0	975	-28	0	0	965	-23	13	229	965	-28	12	236	969	-24	10	240	965	-20	13	232
15	977	-35	0	0	984	-40	0	0	973	-27	0	0	964	-23	10	255	966	-26	9	246	967	-23	6	233	970	-27	11	243
18	976	-39	0	0	984	-38	0	0	970	-24	0	0	964	-23	10	224	966	-25	11	255	965	-25	7	235	973	-26	11	250
21	977	-32	1	243	985	-41	0	0	968	-24	12	250	962	-22	14	240	967	-26	13	219	964	-25	6	243	971	-22	10	253
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	969	-20	10	248	983	-32	5	277	977	-24	4	256	965	-16	14	242	968	-17	10	243	972	-17	12	236	982	-23	4	287
03	967	-17	11	255	984	-30	7	297	975	-20	7	243	962	-16	15	239	964	-17	4	298	976	-17	13	238	980	-25	1	316
06	970	-26	3	229	985	-29	4	277	974	-20	9	228	963	-16	13	232	962	-21	7	212	978	-17	11	248	978	-27	0	0
09	971	-27	2	283	985	-27	7	269	973	-19	12	242	966	-17	5	224	964	-20	14	240	980	-17	11	231	978	-30	4	287
12	973	-27	4	300	985	-26	7	257	973	-18	14	238	967	-16	7	231	965	-20	9	249	982	-18	8	243	978	-28	6	312
15	975	-30	3	288	983	-25	7	262	973	-20	12	246	969	-17	10	240	966	-16	16	239	984	-18	9	233	977	-29	7	300
18	977	-30	4	302	981	-20	10	260	971	-19	13	248	970	-18	9	262	968	-15	15	248	984	-19	9	253	975	-27	7	284
21	980	-28	7	257	979	-20	8	250	968	-17	13	245	969	-16	11	240	970	-16	16	245	983	-20	7	242	973	-28	4	304
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	970	-33	1	181	955	-37	3	352	962	-19	7	240	979	-25	5	239	985	-29	6	290	976	-33	0	0	979	-44	4	281
03	966	-32	4	82	954	-34	0	0	965	-21	8	252	979	-25	8	238	984	-30	5	269	974	-36	4	101	983	-43	5	269
06	963	-32	4	114	954	-32	1	232	969	-23	7	240	980	-28	7	231	984	-35	4	295	972	X	2	307	986	-41	3	259
09	960	-30	5	108	955	-30	0	0	972	-23	11	250	982	-32	5	312	983	-34	4	297	972	-44	0	0	988	-39	4	318
12	958	-36	3	323	957	-25	2	309	974	-23	7	236	982	-31	6	280	981	-31	3	271	972	-45	1	257	989	-40	4	287
15	957	-35	0	0	958	-24	2	250	975	-22	11	233	982	-30	3	253	981	-32	7	217	972	-41	2	276	992	-37	3	273
18	955	-35	2	278	961	-25	5	301	976	-23	13	229	982	-32	4	285	980	-31	4	266	973	-44	2	309	992	-37	4	297
21	955	-34	4	287	961	-22	5	300	977	-23	9	219	984	-32	7	314	978	-33	3	308	976	-48	2	259	992	-36	4	311
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	988	-36	5	318	978	-49	3	274	973	-45	2	304	984	-45	9	287	967	-35	5	283	964	-33	1	330	966	-23	11	248
03	985	-37	2	336	978	-47	3	263	973	X	1	346	985	-45	8	273	966	-35	6	278	964	-35	4	321	966	-21	11	240
06	981	-39	4	38	977	-47	0	0	974	-47	2	211	984	-46	11	236	965	-36	5	269	965	-25	7	290	966	-22	8	205
09	978	-38	2	66	976	-42	3	58	976	-52	0	0	983	-42	9	260	964	-36	2	256	965	-23	6	271	967	-24	6	224
12	976	-47	4	250	975	-49	0	0	976	-52	0	0	980	-39	9	263	964	-36	3	305	964	-18	11	245	968	-24	5	276
15	976	-48	2	281	974	-50	2	68	978	-52	1	217	976	-40	5	288	963	-33	1	24	965	-19	6	231	970	-24	2	226
18	978	50	1	222	972	-46	7	75	980	-53	2	277	973	-39	5	277	963	-38	1	10	966	-21	12	232	972	-23	5	221
21	978	-42	3	311	972	-45	4	44	983	-52	4	300	969	-36	5	278	963	-36	4	48	966	-21	10	235	974	-24	6	276
		DAY	29			DAY	30			DAY	31																	
00	977	-26	7	263	984	-27	3	293	989	-38	2	301																
03	978	-26	7	274	985	-27	1	267	990	-38	2	285																
06	979	-27	7	271	985	-34	2	65	991	-36	2	257																
09	980	-25	6	278	985	-29	7	66	992	-34	1	277																
12	980	-25	4	284	985	-33	3	48	992	-34	1	298																
15	981	-25	2	260	986	-36	1	24	993	-32	3	305																
18	982	-25	3	278	987	-38	2	307	993	-34	2	242																
21	983	-26	1	23	988	-39	1	342	993	-32	3	281																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -30.0 STD DEV = 9.1 MAX = -14.7 AT 28 GMT ON DAY 11 MIN = -55.1 AT 1842 GMT ON DAY 24

* PRESSURE (MB) * MEAN = 974.1 STD DEV = 8.9 MAX = 993.3 AT 2051 GMT ON DAY 31 MIN = 953.8 AT 501 GMT ON DAY 16

* WINDS (M/S) * MEAN = 5.7 STD DEV = 4.2 RESULTANT = 4.7 FROM 253. CONSTANCY = .83 MAX = 18.4 FROM 248. AT 1652 GMT DAY 12

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	23	21	15	13	9	9	8	2	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	1	2	3	1	1	0	0	0	1	18	29	19	13	9	2

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	993	-34	2	203	990	-37	2	300	991	-44	4	84	997	-37	4	273	989	-45	4	290	974	-46	0	0	971	-31	10	222
03	993	-34	0	0	989	-38	3	301	993	-42	2	221	997	-38	7	301	986	-45	4	285	974	-51	3	238	971	-27	10	249
06	993	-35	0	0	988	-40	3	307	994	-43	0	0	996	-35	8	293	983	-46	2	204	976	-48	7	297	969	-28	6	263
09	993	-34	2	309	989	-41	1	253	995	-43	3	259	995	-35	6	278	981	-46	2	86	976	-45	8	281	970	-28	4	277
12	992	-36	4	301	989	-40	1	256	997	-44	3	280	995	-36	6	288	979	-48	0	0	975	-45	8	277	970	-28	1	250
15	992	-35	2	293	989	-44	1	360	997	-39	2	340	994	-37	6	270	976	-45	3	52	973	-40	9	302	970	-28	0	0
18	991	-35	1	295	990	-48	2	360	998	-38	0	0	992	-40	7	297	975	X	0	0	971	-33	11	250	971	-31	1	62
21	990	-37	0	0	990	-43	5	73	998	-36	5	293	991	-44	4	294	974	-48	3	63	972	-32	12	242	972	-33	3	49
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	974	-33	3	66	983	-44	2	322	979	-34	6	233	976	-38	1	1	973	-45	3	311	977	-41	4	283	979	-46	2	274
03	975	-34	7	55	983	X	2	248	979	-34	10	238	975	-36	2	53	974	-45	3	312	976	-43	3	260	979	-48	4	270
06	976	-31	7	42	983	-39	0	0	981	-33	7	222	974	-39	3	132	974	-39	2	287	977	-45	3	322	979	-49	4	273
09	977	-33	4	48	983	-41	3	131	982	-39	7	235	973	-42	3	42	975	-40	3	281	978	-43	2	305	978	-48	3	267
12	977	-41	0	0	983	-42	1	259	982	-38	7	281	972	-38	3	97	975	-41	3	284	978	-45	3	294	977	-48	3	269
15	979	-38	3	51	981	-41	4	295	980	-36	4	280	972	-41	2	70	976	-45	3	287	978	-43	3	300	976	-45	3	311
18	981	-40	1	136	980	-41	7	285	978	-40	2	59	972	-41	1	146	976	-44	4	280	978	-51	3	193	976	-47	3	264
21	981	-35	3	21	980	-34	8	301	976	-41	3	128	973	-38	2	328	976	-47	4	231	979	-50	3	260	976	-42	4	273
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	975	-38	5	290	973	-39	5	283	976	-33	0	0	974	-32	4	311	968	-30	8	257	975	-29	6	277	971	-23	7	235
03	975	-39	4	294	973	-36	4	276	978	-34	0	0	971	-30	4	333	968	-26	8	252	975	-26	6	301	969	-24	4	307
06	973	-39	4	291	973	-38	4	276	979	-35	0	0	968	-30	4	343	966	-22	3	295	975	-24	5	287	965	-27	3	329
09	972	-38	5	235	974	-41	4	283	980	-40	3	325	963	-33	6	311	964	-19	7	250	975	-23	7	267	962	-27	5	77
12	972	-37	5	240	974	-37	4	269	981	-46	4	269	962	-32	2	342	963	-23	6	221	974	-22	11	240	958	-29	2	256
15	973	-36	4	263	975	-38	3	284	981	-40	6	321	958	-24	8	280	964	-23	6	238	974	-23	9	255	956	-32	4	312
18	973	-35	5	290	975	-36	2	290	979	-39	4	295	956	-15	11	224	968	-27	7	259	973	-23	8	229	953	-31	1	13
21	973	-37	4	252	975	-36	0	0	976	-35	6	308	963	-31	10	224	971	-28	6	233	972	-23	8	248	952	-31	2	191
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	953	-26	1	222	971	-33	7	293	972	-34	0	0	972	-38	2	305	964	-23	6	252	958	-29	1	195	983	-30	7	281
03	955	-33	3	269	973	-30	7	290	971	-31	0	0	972	-36	3	300	961	-19	7	253	962	-33	4	309	984	-28	7	281
06	956	-26	3	259	973	-31	6	277	971	-32	0	0	X	X	X	X	959	-21	3	239	967	-33	5	4	983	-28	5	281
09	959	-29	5	274	974	-31	6	297	970	-32	0	0	973	-39	2	250	957	-23	2	224	970	-32	7	278	982	-28	6	291
12	962	-29	5	264	974	-31	7	283	970	-33	3	84	974	-32	6	294	955	-23	2	53	972	-33	6	277	979	-29	4	246
15	964	-32	3	277	974	-32	4	309	970	-35	3	101	972	-32	6	285	954	-30	1	72	974	-34	2	10	976	-28	4	298
18	967	-33	6	264	973	-36	3	250	970	-34	1	20	968	-33	5	309	955	-30	3	51	976	-34	0	0	972	-28	2	271
21	970	-36	5	270	972	-36	2	274	971	-38	1	288	966	-28	7	259	956	-28	3	153	979	-32	4	277	969	-24	3	245
		DAY	29			DAY	30																					
00	966	-23	1	231	954	-22	15	260																				
03	963	-24	1	278	955	-21	10	259																				
06	959	-25	0	0	955	-19	5	263																				
09	957	-27	0	0	952	-18	6	322																				
12	956	-29	2	278	951	-20	4	308																				
15	954	-33	4	297	951	-17	4	285																				
18	953	-25	5	291	952	-14	12	245																				
21	953	-21	15	259	954	-16	12	240																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -34.4 STD DEV = 7.8 MAX = -12.6 AT 1641 GMT ON DAY 30 MIN = -52.0 AT 1823 GMT ON DAY 13

* PRESSURE (MB) * MEAN = 974.1 STD DEV = 10.8 MAX = 997.7 AT 2255 GMT ON DAY 3 MIN = 950.2 AT 1258 GMT ON DAY 30

* WINDS (M/S) * MEAN = 4.1 STD DEV = 2.8 RESULTANT = 2.9 FROM 275. CONSTANCY = .71 MAX = 15.0 FROM 259. AT 2119 GMT DAY 29

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	24	36	18	13	4	4	0	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	1	5	4	2	0	2	0	0	2	7	13	25	23	10	3

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	958	-18	10	253	964	-15	8	263	955	-23	0	0	963	-30	0	0	977	-27	4	290	979	-29	0	0	986	-30	0	0
03	959	-18	14	249	962	-16	9	249	955	-22	2	312	965	-30	1	288	977	-29	3	288	979	-29	0	0	985	-31	0	0
06	959	-16	15	243	962	-17	7	253	956	-28	5	278	967	-26	7	287	978	-26	0	0	979	-32	0	0	984	-30	1	1
09	960	-17	14	245	962	-19	6	222	957	-31	4	311	970	-25	9	304	978	-29	2	280	980	-35	0	0	984	-32	0	0
12	961	-19	12	250	960	-20	4	239	958	-29	2	165	972	-28	4	281	978	-28	0	0	982	-39	0	0	984	-42	0	0
15	964	-18	8	225	958	-23	2	224	959	-29	1	309	973	-30	5	308	979	-33	2	207	983	-32	0	0	984	-40	0	0
18	966	-19	5	236	956	-25	2	219	960	-28	1	4	974	-31	3	248	979	-31	0	0	984	-31	0	0	984	-37	0	0
21	965	-17	7	242	956	-25	0	0	961	-30	0	0	975	-30	4	314	979	-30	0	0	986	-31	0	0	984	-36	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	984	-32	0	0	982	-15	13	232	973	-16	14	242	978	-23	3	42	992	-27	6	287	993	-32	2	257	988	-32	4	264
03	985	-28	0	0	982	-17	12	231	975	-16	13	231	977	-23	2	84	994	-28	6	288	991	-29	1	195	988	-32	6	273
06	985	-24	9	236	979	-18	11	232	977	-17	10	242	977	-23	2	77	997	-28	9	297	989	-29	1	360	988	-34	5	318
09	987	-23	15	219	977	-20	11	239	978	-21	7	208	978	-29	2	297	999	-31	8	295	988	-30	0	0	988	-35	5	297
12	988	-23	8	242	975	-19	19	233	980	-26	2	238	980	-29	2	298	999	-31	7	298	988	-33	2	256	989	-39	4	284
15	987	-22	11	246	973	-15	15	252	979	-22	3	260	983	-30	7	316	998	-32	7	298	986	-32	3	245	989	-40	4	277
18	985	-20	13	257	973	-14	13	228	979	-26	3	311	987	-30	7	301	997	-33	5	293	987	-32	3	283	990	-38	4	291
21	983	-16	11	248	973	-17	12	232	978	-27	1	248	989	-29	5	294	995	-33	5	315	987	-33	6	295	989	-34	4	302
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	988	-29	5	330	983	-26	1	222	984	-20	1	273	987	-23	3	276	985	-25	0	0	974	-26	0	0	972	-29	0	0
03	987	-27	5	330	985	-26	4	283	984	-21	4	295	987	-23	4	295	983	-26	0	0	972	-27	0	0	974	-28	0	0
06	985	-26	6	302	985	-29	3	283	985	-23	4	302	988	-25	4	270	981	-26	0	0	971	-25	0	0	976	-28	0	0
09	984	-24	5	287	985	-32	3	274	985	-23	3	252	988	-27	4	278	980	-31	0	0	969	-29	0	0	977	-29	0	0
12	983	-23	7	264	984	-35	3	293	985	-25	3	277	988	-27	5	291	978	-36	0	0	968	-36	0	0	979	-29	0	0
15	982	-21	9	245	984	-33	0	0	986	-25	7	297	988	-27	3	274	976	-38	0	0	970	-40	0	0	980	-34	0	0
18	983	-25	0	0	984	-28	3	297	986	-25	5	291	987	-28	2	249	976	-38	0	0	970	-38	0	0	981	-34	0	0
21	983	-23	1	281	984	-26	4	298	987	-23	4	269	986	-26	0	0	975	-34	0	0	971	-34	0	0	983	-32	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	984	-32	0	0	982	-25	0	0	972	-28	0	0	972	-28	0	0	972	-23	0	0	973	-26	0	0	985	-15	0	0
03	985	-31	0	0	981	-23	5	229	971	-28	0	0	973	-24	0	0	970	-24	0	0	974	-24	0	0	984	-14	0	0
06	985	-27	0	0	979	-23	0	0	971	-30	0	0	974	-21	0	0	969	-24	0	0	976	-27	0	0	985	-14	2	211
09	983	-26	0	0	978	-26	0	0	971	-33	0	0	974	-28	0	0	968	-31	0	0	977	-29	0	0	986	-14	10	219
12	982	-28	0	0	976	-28	0	0	971	-35	0	0	974	-24	0	0	967	-32	0	0	980	-32	0	0	986	-21	0	0
15	982	-23	0	0	974	-33	0	0	971	-34	0	0	974	-26	0	0	968	-36	0	0	980	-31	0	0	986	-19	4	243
18	981	-24	0	0	973	-31	0	0	970	-36	0	0	974	-26	0	0	969	-25	0	0	979	-17	0	0	985	-17	10	235
21	982	-27	0	0	973	-31	0	0	971	-33	0	0	973	-25	0	0	971	-28	0	0	983	-15	0	0	985	-19	5	283
		DAY	29			DAY	30			DAY	31																	
00	984	-17	5	267	979	-13	11	228	962	-13	4	264																
03	983	-17	5	288	978	-12	18	214	959	-13	13	208																
06	983	-17	5	295	977	-13	11	224	957	-13	9	239																
09	981	-19	5	263	976	-14	10	225	956	-17	5	260																
12	980	-15	4	266	973	-16	11	243	955	-17	6	276																
15	979	-14	11	226	970	-18	9	245	955	-15	5	284																
18	980	-15	10	236	966	-16	10	246	955	-13	12	242																
21	979	-13	11	239	964	-15	8	277	957	-11	11	236																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.7 STD DEV = 6.8 MAX = -11.1 AT 2038 GMT ON DAY 31 MIN = -42.4 AT 1408 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 977.6 STD DEV = 9.8 MAX = 999.1 AT 1106 GMT ON DAY 12 MIN = 954.3 AT 1455 GMT ON DAY 31
* WINDS (M/S) * MEAN = 3.7 STD DEV = 4.3 RESULTANT = 3.1 FROM 257. CONSTANCY = .84 MAX = 19.3 FROM 242. AT 1416 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	50	13	13	6	5	7	3	2	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	0	1	1	1	0	0	1	0	3	17	23	17	26	7	1

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	963	-20	8	215	982	-16	5	300	981	-17	4	79	977	-19	3	44	970	-20	1	294	980	-19	11	219	987	-22	7	252
03	967	-21	5	224	981	-13	6	312	981	-17	4	69	973	-14	1	23	969	-19	3	101	982	-23	9	197	986	-18	6	226
06	972	-24	5	252	981	-15	11	211	981	-18	4	97	969	-14	2	302	968	-21	5	84	984	-24	6	238	985	-18	4	219
09	977	-23	11	256	982	-18	5	255	981	-19	3	73	968	-17	8	252	970	-21	5	100	985	-23	8	239	984	-20	4	225
12	979	-21	9	248	982	-18	3	270	982	-22	2	59	970	-20	12	228	974	-28	3	183	985	-23	6	238	985	-24	3	252
15	980	-19	6	233	982	-20	2	249	982	-27	1	56	974	-20	7	287	978	-26	8	309	986	-26	6	249	985	-23	5	293
18	981	-18	3	215	982	-20	2	285	982	-22	0	0	972	-21	7	255	979	-23	11	255	986	-27	3	233	983	-19	5	290
21	981	-16	3	288	982	-19	0	0	980	-21	6	44	971	-22	3	249	980	-19	13	226	986	-25	6	225	982	-19	6	231
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	982	-18	6	284	965	-13	11	238	970	-10	8	239	988	-14	7	246	994	-10	2	307	984	-12	4	278	987	-10	10	225
03	979	-17	7	291	960	-9	11	249	972	-9	8	238	990	-12	12	242	992	-10	1	305	984	-11	9	224	987	-10	8	225
06	977	-16	5	240	960	-10	15	255	973	-8	7	236	992	-11	8	231	990	-12	2	318	985	-11	9	238	987	-10	6	239
09	975	-19	5	276	959	-10	15	257	976	-9	7	240	993	-12	8	224	988	-16	3	316	985	-9	9	228	987	-12	6	236
12	975	-20	5	290	959	-7	14	218	978	-9	7	255	994	-12	7	233	988	-19	3	322	986	-11	9	236	988	-14	7	262
15	973	-17	5	283	961	-9	11	211	980	-11	8	236	995	-12	5	228	987	-19	0	0	988	-14	7	240	988	-14	6	248
18	971	-17	10	240	965	-12	7	218	983	-11	11	231	996	-13	5	232	986	-18	1	291	989	-15	6	248	988	-15	7	277
21	967	-15	14	250	968	-11	7	231	986	-12	7	211	995	-12	3	236	985	-15	3	294	988	-12	8	240	987	-11	7	236
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	985	-10	5	250	978	-12	5	287	976	-12	6	269	979	-14	9	217	976	-11	4	302	971	-10	8	235	981	-8	7	240
03	984	-9	5	263	977	-11	6	302	976	-12	8	255	980	-16	7	246	976	-10	4	273	971	-10	8	262	983	-8	9	252
06	983	-10	4	300	976	-12	5	301	977	-13	5	252	981	-15	3	269	975	-10	5	280	971	-8	6	243	985	-7	6	246
09	982	-13	5	309	976	-14	3	293	977	-15	3	295	980	-15	3	302	974	-11	7	285	972	-8	6	239	987	-10	3	187
12	981	-17	4	308	975	-17	3	300	978	-19	4	274	980	-15	4	318	973	-10	10	248	973	-8	7	242	988	-9	4	278
15	980	-19	5	312	975	-18	4	298	979	-19	4	293	978	-13	3	328	971	-9	12	236	975	-9	7	248	989	-11	6	233
18	980	-15	4	290	976	-16	5	304	979	-17	6	301	977	-12	2	285	971	-8	10	233	977	-9	6	252	990	-12	5	225
21	979	-13	4	284	975	-14	5	266	979	-14	6	263	976	-13	7	224	970	-8	8	238	978	-9	8	236	991	-12	4	231
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	993	-12	4	240	993	-10	5	266	985	-11	2	295	989	-13	7	285	992	-7	9	243	990	-4	7	236	986	-6	1	143
03	994	-13	5	257	992	-11	4	271	984	-9	0	0	990	-13	7	255	992	-6	9	240	989	-5	7	226	985	-5	2	89
06	995	-13	5	277	990	-11	4	309	984	-10	0	0	991	-13	8	243	992	-6	7	252	988	-5	5	208	984	-7	2	79
09	995	-13	4	283	989	-13	3	288	984	-13	2	218	992	-11	8	260	992	-6	7	246	988	-6	4	225	984	-9	3	75
12	995	-13	4	281	988	-10	1	233	984	-17	3	259	992	-10	11	250	992	-6	8	239	988	-7	5	283	984	-10	1	27
15	995	-13	4	280	987	-17	1	52	985	-18	4	267	992	-9	10	263	991	-5	9	246	987	-8	0	0	984	-9	1	58
18	994	-13	4	266	986	-16	2	68	986	-16	4	290	992	-8	12	256	990	-4	7	239	986	-11	0	0	985	-14	1	201
21	994	-12	5	259	985	-12	6	66	988	-14	7	284	991	-7	10	245	990	-5	9	242	986	-9	3	264	986	-10	3	218
		DAY	29			DAY	30																					
00	987	-7	3	287	988	-7	2	165																				
03	986	-7	6	248	988	-7	4	96																				
06	987	-7	3	301	988	-8	3	105																				
09	987	-7	2	304	988	-10	0	0																				
12	987	12	1	179	989	-11	1	23																				
15	987	-9	2	45	990	-11	1	31																				
18	987	-11	3	68	991	-13	2	307																				
21	988	-10	2	173	992	-9	2	226																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -13.4 STD DEV = 5.1 MAX = -3.6 AT 126 GMT ON DAY 27 MIN = -29.2 AT 1254 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 982.3 STD DEV = 7.9 MAX = 995.8 AT 1731 GMT ON DAY 11 MIN = 958.6 AT 1139 GMT ON DAY 9
* WINDS (M/S) * MEAN = 5.5 STD DEV = 3.0 RESULTANT = 4.3 FROM 251. CONSTANCY = .79 MAX = 17.4 FROM 249. AT 1622 GMT DAY 19
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	13	22	25	20	11	5	2	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	2	2	3	3	0	0	0	2	3	21	28	12	17	6	0

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	992	-7	4	283	991	-6	2	139	988	-6	2	121	981	-8	7	233	976	-7	1	174	976	-6	12	239	983	-6	8	228
03	992	-6	3	293	991	1	0	0	986	-8	4	218	980	-8	6	245	975	-9	3	287	977	-6	10	238	983	-5	6	224
06	991	-7	2	325	990	0	0	0	985	-8	4	245	979	-8	4	288	975	-10	6	307	979	-6	8	225	983	-5	7	214
09	991	-10	3	360	990	-3	0	0	984	-8	5	291	978	-11	3	281	975	-9	5	308	980	-6	9	229	984	-7	6	283
12	990	-10	1	360	990	-9	1	315	983	-11	4	300	977	-13	3	323	974	-8	8	284	981	-7	11	235	983	-7	10	249
15	990	-9	2	27	990	-12	1	169	982	-9	8	277	976	-12	2	269	974	-10	5	203	982	-7	9	235	983	-7	10	236
18	990	-10	0	0	990	-9	0	0	981	-10	8	266	975	-13	0	0	973	-9	10	243	982	-8	9	245	984	-7	8	246
21	991	-6	0	0	990	-8	1	49	981	-8	7	253	975	-11	1	128	974	-8	11	248	983	-6	9	253	984	-7	8	236
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	984	-5	8	221	980	-7	5	300	981	-8	9	239	986	-5	9	207	989	-4	5	190	989	-3	8	208	998	-5	7	236
03	983	-4	6	221	980	-5	2	302	981	-5	8	243	987	-5	8	224	988	-3	9	240	989	-3	7	194	997	-4	11	236
06	982	-5	8	203	979	-5	4	307	980	-4	9	256	987	-5	6	232	987	-3	7	245	990	-3	7	197	998	-4	9	228
09	982	-7	4	194	979	-8	2	288	981	-5	9	243	987	-6	5	226	987	-4	8	255	992	-4	7	194	998	-5	8	224
12	980	-9	4	297	979	-11	2	294	982	-7	8	249	988	-8	5	239	987	-4	7	242	994	-5	6	187	999	-5	8	242
15	979	-10	1	253	979	-11	2	316	983	-7	7	226	988	-9	4	278	987	-4	8	229	995	-7	4	184	999	-5	8	233
18	979	-11	4	311	980	-9	2	291	983	-7	8	215	988	-8	5	300	988	-4	8	229	996	-7	4	204	999	-4	9	239
21	980	-9	4	260	981	-9	6	288	985	-5	7	226	988	-6	6	243	989	-3	8	240	997	-5	8	212	1000	-4	9	243
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1001	-2	10	229	1001	-2	8	240	1001	-1	3	283	998	-2	3	249	999	-2	5	288	991	-2	2	294	992	-3	1	283
03	1002	-2	8	242	1001	-2	6	238	1000	0	4	281	999	-3	3	288	997	-1	5	253	990	1	1	211	991	-3	2	113
06	1002	-1	6	250	1001	-2	7	238	999	0	4	271	998	-1	4	294	995	-2	4	297	990	-2	1	308	990	-4	3	70
09	1002	-3	7	240	1001	-2	6	233	998	-2	1	283	999	-1	3	288	992	-4	2	333	990	-6	3	302	990	-6	4	66
12	1002	-3	7	246	1001	-2	5	259	998	-5	2	49	999	-2	6	336	991	-7	5	308	990	-8	3	316	990	-5	0	0
15	1001	-4	8	233	1001	-2	3	243	997	-6	0	0	999	-2	2	294	991	-7	7	217	991	-10	3	285	990	-8	3	76
18	1002	-4	7	245	1001	-2	4	219	997	-7	2	277	999	-3	4	281	990	-7	3	173	992	-8	4	298	991	-8	4	87
21	1002	-3	9	239	1001	-1	5	281	997	-2	5	277	999	-4	3	270	991	-5	2	283	992	-7	2	297	993	-4	4	84
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	994	-3	3	62	994	-5	5	287	990	-1	0	0	997	-1	4	298	996	-1	2	94	994	-4	5	308	1003	-1	1	326
03	994	-4	4	316	993	-4	3	309	990	-3	2	290	998	-1	3	276	994	1	2	117	995	-3	5	291	1002	1	1	30
06	994	-5	3	308	992	-4	3	316	991	-3	3	297	998	-2	2	302	993	1	0	0	996	-2	4	262	1002	0	0	0
09	994	-7	3	290	991	-7	2	312	991	-6	2	323	998	-2	2	298	992	-2	2	283	997	-2	2	263	1001	-3	1	354
12	995	-6	3	312	990	-6	2	301	992	-7	3	59	998	-3	2	314	991	-6	2	226	999	-2	1	249	1001	-6	2	356
15	995	-9	4	322	990	-10	1	329	993	-7	2	318	998	-5	2	319	991	-7	1	346	1000	-3	2	221	1000	-6	2	335
18	995	-8	5	309	990	-9	1	290	995	-8	3	307	998	-5	1	304	992	-7	2	333	1001	-3	3	262	1000	-6	2	163
21	995	-7	4	297	990	-5	0	0	997	-4	6	304	997	X	0	0	993	-6	5	315	1002	-3	3	269	999	-4	2	187
		DAY	29			DAY	30			DAY	31																	
00	998	-1	1	145	997	-4	2	293	1000	-3	3	302																
03	997	0	0	0	997	-4	4	273	X	X	X	X																
06	996	0	0	0	997	-4	4	290	X	X	X	X																
09	995	-3	7	42	997	-3	5	287	X	X	X	X																
12	995	-5	5	70	998	-4	4	308	X	X	X	X																
15	995	-5	5	63	998	-4	4	304	X	X	X	X																
18	995	-6	3	323	999	-5	3	315	X	X	X	X																
21	996	-7	3	295	1000	-4	2	293	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -5.2 STD DEV = 2.9 MAX = 3.6 AT 356 GMT ON DAY 29 MIN = -13.5 AT 1130 GMT ON DAY 4
* PRESSURE (MB) * MEAN = 990.9 STD DEV = 7.7 MAX =1002.8 AT 2350 GMT ON DAY 27 MIN = 972.9 AT 1647 GMT ON DAY 5
* WINDS (M/S) * MEAN = 4.4 STD DEV = 2.9 RESULTANT = 3.2 FROM 254. CONSTANCY = .72 MAX = 13.0 FROM 243. AT 2341 GMT DAY 5
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 3.2 % PRESSURE: 2.8 % WINDS: 2.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	23	31	16	12	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	1	1	3	1	1	1	0	3	5	15	18	9	22	15	3

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	981	-4	6	149	990	0	1	3	979	0	3	360	977	-2	3	161	981	-4	2	115	982	-6	4	141	983	-3	5	12
03	983	-5	6	170	989	-1	5	39	978	-1	5	18	978	-2	7	170	981	-3	3	45	982	-6	2	162	984	-3	5	360
06	984	-4	4	149	988	-1	3	360	976	-1	3	360	979	-3	6	173	981	-2	4	17	983	-6	3	141	984	-3	4	360
09	986	-4	3	170	988	-1	4	360	976	-1	1	90	980	-4	4	156	981	-4	2	141	983	-6	1	139	984	-3	4	6
12	987	-4	4	167	986	-3	4	360	976	-2	3	180	981	-4	4	161	981	-4	2	128	983	-6	0	0	984	-4	3	3
15	988	-3	5	156	985	-3	2	360	975	-3	1	180	981	-6	5	170	981	-8	5	180	983	-5	2	349	984	-4	2	360
18	989	-3	3	180	983	-3	2	359	975	-2	0	0	981	-5	3	150	982	-7	4	149	983	-5	2	12	984	-3	1	360
21	989	-1	1	79	981	-2	3	360	976	-2	2	111	982	-5	3	141	982	-6	4	141	983	-4	3	37	984	-3	2	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	983	-1	2	15	976	2	3	1	972	1	3	162	976	-2	7	158	976	-3	5	149	976	-2	1	90	976	-1	5	32
03	982	-1	3	12	975	1	2	360	973	-1	4	161	976	-2	5	160	976	-3	5	159	975	0	3	22	975	-2	3	45
06	981	-1	3	360	975	2	2	90	973	-1	4	180	977	-2	3	180	976	-3	4	172	975	-1	2	359	976	-1	2	22
09	981	-2	2	360	974	0	1	138	974	-3	4	180	977	-3	4	180	976	-4	4	170	975	-2	3	135	976	-2	1	22
12	980	1	0	0	974	0	0	0	974	-3	3	176	977	-3	2	180	976	-5	3	170	975	-3	1	180	977	-2	1	316
15	979	-2	2	180	973	1	2	270	975	-3	5	165	977	-2	0	0	976	-6	2	180	976	-3	2	141	976	-1	4	281
18	978	1	1	90	972	1	2	135	975	-2	4	180	976	-3	3	3	976	-5	2	135	976	-3	0	0	977	-1	0	0
21	978	1	1	6	972	1	1	111	976	-2	6	170	976	-3	3	143	976	-5	2	161	976	-2	2	120	977	-1	3	13
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	978	0	4	360	980	-2	2	101	977	-2	6	4	985	-3	2	155	995	-3	4	146	988	-2	4	360	978	-5	7	180
03	978	-1	4	13	979	-1	1	360	977	-2	5	360	986	-2	5	161	995	-3	4	149	986	-2	4	1	978	-5	7	158
06	978	-1	4	360	979	-2	1	27	977	-2	5	360	988	-2	8	180	994	-2	1	141	984	-3	4	6	978	-6	6	180
09	979	-2	3	22	980	-2	2	120	978	-3	4	360	990	-4	7	180	994	-1	1	213	983	-3	4	360	979	-7	5	187
12	980	-2	0	0	979	-3	0	0	979	-5	3	360	991	-4	6	174	993	-1	3	293	981	-4	2	360	979	-7	5	180
15	980	-1	1	180	979	-3	1	270	981	-5	1	330	992	-4	8	177	992	-2	2	284	980	-5	2	14	980	-7	2	180
18	980	-2	3	134	978	-3	5	359	982	-4	0	0	994	-4	6	180	990	-2	3	339	979	-5	0	0	980	-7	4	162
21	981	-2	2	176	977	-3	5	360	984	-2	0	0	994	-3	5	180	989	-1	3	360	978	-4	2	135	981	-6	1	148
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	981	-4	1	294	983	-4	6	160	X	X	X	X	976	-6	2	37	976	-7	1	4	981	-6	2	190	978	-4	5	167
03	981	-3	3	346	983	-3	3	141	976	-4	4	14	975	-5	3	45	977	-5	1	54	979	-6	4	141	978	-4	6	132
06	981	-3	2	329	982	-3	2	37	975	-4	4	360	975	-5	2	23	978	-5	1	45	979	-6	2	360	979	-7	6	180
09	981	-4	1	292	982	-3	2	316	975	-6	4	158	975	-5	3	349	979	-5	1	14	979	-5	3	45	980	-8	7	180
12	981	-5	0	0	982	-5	2	360	976	-8	5	180	975	-5	5	339	981	-5	0	0	978	-6	1	360	981	-10	5	179
15	981	-5	2	236	980	-4	2	300	976	-8	3	180	974	-8	3	360	981	-7	2	180	977	-5	3	263	982	-10	10	186
18	981	-7	3	180	979	-5	0	0	976	-7	1	116	975	-7	1	360	981	-8	3	180	977	-7	4	180	983	-9	10	180
21	982	-4	6	170	X	X	X	X	976	-6	1	45	975	-9	2	356	981	-7	2	174	978	-5	6	180	984	-9	7	180
		DAY	29			DAY	30			DAY	31																	
00	985	-9	8	170	987	-7	8	161	983	-4	8	153																
03	986	-8	8	173	986	-7	10	180	983	-3	4	180																
06	986	-7	9	169	986	-7	7	173	982	-3	4	156																
09	987	-7	5	180	985	-6	6	180	981	-3	3	180																
12	X	X	X	X	984	-7	4	170	980	-4	2	190																
15	987	-8	7	180	984	-7	7	180	979	-4	0	0																
18	987	-7	10	166	984	-6	6	165	978	-5	1	180																
21	987	-6	8	165	984	-5	8	180	977	-4	1	138																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -3.6 STD DEV = 2.3 MAX = 2.5 AT 621 GMT ON DAY 9 MIN = -10.2 AT 1311 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 980.4 STD DEV = 4.8 MAX = 995.0 AT 114 GMT ON DAY 19 MIN = 971.4 AT 2002 GMT ON DAY 9
* WINDS (M/S) * MEAN = 3.4 STD DEV = 2.2 RESULTANT = 1.3 FROM 155. CONSTANCY = .38 MAX = 13.2 FROM 138. AT 203 GMT DAY 30
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: 1.2 % WINDS: 1.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	33	35	18	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	21	8	5	0	3	3	9	14	29	0	0	0	2	2	1	2

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	976	-3	2	54	977	-3	2	54	978	-2	0	0	979	-1	1	12	983	-2	0	0	984	-3	2	336	981	-3	1	149
03	976	-3	2	45	976	-3	3	12	977	-2	3	45	979	1	0	0	983	-2	2	37	983	-3	2	48	980	-3	2	143
06	975	-3	2	37	976	-3	2	10	978	-2	3	8	979	-2	1	360	983	-2	3	360	983	-3	1	360	980	-3	2	129
09	976	-4	0	0	976	-2	2	339	978	-2	2	321	980	-3	1	145	984	-3	3	360	982	-3	1	349	979	-4	2	149
12	976	6	1	108	977	-3	1	238	978	-2	1	309	980	-3	0	0	984	-4	2	359	982	-4	2	180	978	-4	3	149
15	976	-5	0	0	976	-3	4	270	978	-3	0	0	981	-3	3	180	984	-4	0	0	982	-4	1	208	978	-5	4	180
18	976	-4	1	270	977	-2	1	252	978	-2	2	189	982	-3	1	180	984	-3	1	330	981	-4	2	172	977	-5	3	158
21	977	-4	1	170	977	-3	2	180	978	-1	0	0	982	-2	0	0	984	-3	1	270	982	-3	2	180	977	-5	4	176
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	978	-7	8	180	979	-7	7	180	978	-7	10	149	982	-6	7	180	X	X	X	X	980	-5	4	13	977	-9	4	152
03	977	-8	8	180	979	-7	9	141	978	-7	11	177	982	-6	6	180	984	-7	4	141	980	-5	2	360	976	-9	6	152
06	978	-8	8	166	978	-7	13	141	979	-7	9	180	983	-7	7	191	984	-7	2	141	980	-5	2	360	977	-10	5	170
09	978	-9	9	180	979	-7	6	136	979	-8	11	180	983	-7	6	180	983	-8	1	163	980	-7	3	163	977	-10	4	170
12	978	-9	11	180	979	-7	12	149	980	-8	9	180	984	-8	6	184	983	-8	0	0	980	-9	3	165	977	-11	5	170
15	979	-10	9	180	979	-8	12	160	980	-7	7	180	X	X	X	X	982	-8	2	284	979	-9	3	161	978	-11	5	176
18	980	-10	6	180	978	-9	9	180	981	-8	6	181	X	X	X	X	981	-8	0	0	978	-9	3	180	979	-11	5	141
21	979	-8	3	180	979	-8	11	190	981	-7	8	180	984	-7	4	152	981	-7	3	360	978	-9	4	149	980	-10	5	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	981	-10	6	170	983	-10	5	161	979	-8	1	143	968	-8	1	101	968	-8	0	0	969	-5	4	180	974	-8	2	6
03	981	-10	5	166	983	-10	6	167	977	-8	3	12	967	-8	1	101	967	-8	2	349	970	-6	4	161	973	-8	3	360
06	981	-9	4	180	983	-9	4	170	975	-7	3	314	967	-8	1	180	967	-8	2	13	971	-8	5	150	972	-8	3	360
09	981	-10	4	180	983	-10	2	162	973	-9	3	360	967	-9	2	172	967	-7	1	307	972	-9	7	180	971	-8	3	343
12	981	-10	6	180	983	-11	2	270	971	-11	1	307	967	-10	1	180	967	-6	1	289	973	-10	6	194	970	-8	3	289
15	981	-10	6	169	982	-10	7	231	969	-10	1	243	967	-13	4	179	967	-7	0	0	974	-10	3	180	969	-8	2	163
18	982	-11	5	166	981	-10	1	343	968	-10	0	0	967	-12	4	180	967	-7	0	0	974	-10	1	191	969	-8	4	170
21	982	-11	5	160	980	-10	2	170	968	-10	1	89	967	-10	2	189	968	-9	4	180	974	-9	2	346	969	-10	3	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	969	-10	5	166	971	-12	5	174	970	-14	9	180	971	-14	8	180	976	-13	4	150	977	-15	5	180	977	-17	3	161
03	968	-10	4	160	971	-12	6	172	969	-14	9	179	972	-13	7	180	976	-13	5	161	978	-14	4	180	976	-17	4	180
06	968	-11	5	180	971	-11	3	170	969	-13	10	158	972	-13	10	180	976	-14	6	180	978	-14	2	180	976	-17	9	179
09	968	-11	7	180	971	-13	3	180	969	-14	6	170	973	-13	5	183	976	-15	7	177	978	-15	1	176	976	-17	6	180
12	968	-12	8	173	971	-12	5	189	969	-14	7	180	974	-13	4	180	977	-15	8	173	978	-16	1	233	975	-17	6	180
15	968	-12	9	169	971	-13	5	174	970	-15	7	180	975	-14	4	198	976	-15	7	180	978	-17	0	0	974	-18	4	180
18	970	-14	6	180	971	-13	6	176	970	-15	9	176	975	-13	5	180	977	-15	6	180	977	-16	0	0	974	-19	4	163
21	970	-13	8	180	970	-14	7	180	971	-15	6	190	975	-14	4	180	977	-14	5	173	977	-15	3	189	973	-18	3	174

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -8.5 STD DEV = 4.2 MAX = 1.1 AT 328 GMT ON DAY 4 MIN = -18.9 AT 1811 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 976.3 STD DEV = 5.0 MAX = 984.5 AT 2220 GMT ON DAY 11 MIN = 966.5 AT 1026 GMT ON DAY 18
* WINDS (M/S) * MEAN = 4.1 STD DEV = 2.9 RESULTANT = 3.1 FROM 173. CONSTANCY = .76 MAX = 15.0 FROM 145. AT 645 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: 1.3 % WINDS: 1.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	30	24	22	13	7	3	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	8	2	3	0	1	0	5	16	51	1	1	1	2	1	2	3

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	977	-15	1	321	976	-17	6	166	964	-20	6	176	959	-15	2	180	964	-16	5	180	963	-21	8	180
03	973	-17	5	180	977	-14	0	0	975	-17	7	176	962	-20	2	150	959	-14	0	0	964	-17	8	180	962	-21	10	180
06	974	-17	3	189	977	-14	0	0	974	-17	4	180	960	-20	2	172	959	-15	1	260	964	-18	8	181	962	-21	9	180
09	974	-17	2	197	977	-14	0	0	972	-17	5	180	959	-21	4	180	960	-15	0	0	964	-19	7	180	962	-22	6	187
12	975	-17	1	300	977	-16	1	267	971	-18	5	203	958	-21	7	180	960	-15	1	270	964	-20	9	186	960	-22	5	218
15	975	-18	4	315	976	-16	1	180	969	-18	3	181	958	-20	8	173	961	-16	6	180	964	-20	8	180	958	-22	1	193
18	976	-18	1	270	976	-16	3	180	967	-20	5	180	958	-20	4	177	962	-17	6	193	964	-20	8	180	957	-22	3	218
21	976	-18	2	318	976	-17	6	180	966	-20	6	180	959	-19	2	180	963	-17	5	184	964	-21	7	180	956	-22	6	187
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	957	-22	5	180	964	-15	12	225	966	-15	1	297	966	-19	6	163	964	-15	3	357	966	-15	3	180	966	-16	2	307
03	957	-21	2	180	965	-14	8	225	966	-16	3	180	965	-18	2	180	965	-13	13	197	965	-16	4	162	965	-15	0	0
06	959	-20	1	191	966	-15	4	173	966	-18	5	180	964	-18	3	270	968	-14	5	141	965	-18	4	180	964	-16	2	239
09	961	-22	3	270	966	-17	3	260	966	-20	7	186	964	-18	0	0	969	-14	9	141	965	-18	2	198	963	-17	3	179
12	963	-20	4	257	967	-17	2	300	966	-21	6	177	964	-18	0	0	969	-14	4	180	965	-19	6	189	962	-17	5	180
15	963	-18	5	248	966	-17	2	270	966	-20	8	180	965	-17	2	205	969	-16	4	277	966	-20	6	180	961	-18	3	180
18	963	-18	5	298	966	-17	2	270	966	-20	8	180	965	-18	3	270	967	-14	3	314	967	-20	2	181	959	-17	5	173
21	964	-17	3	270	966	-17	1	311	967	-20	8	180	964	-17	0	0	967	-16	4	180	967	-18	1	250	957	-17	9	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	956	-17	13	170	965	-14	18	180	974	-20	8	180	982	-24	6	162	982	-21	0	0	975	-19	2	314	974	-18	3	330
03	955	-17	13	180	968	-14	17	150	974	-20	4	180	983	-24	2	180	981	-21	3	270	975	-18	3	360	975	-18	1	4
06	954	-18	13	163	972	-16	18	180	974	-22	5	179	983	-24	2	189	980	-20	0	0	975	-19	4	315	976	-20	1	201
09	955	-17	11	173	974	-17	13	166	975	-22	11	173	984	-23	2	180	978	-22	0	0	975	-20	4	309	979	-21	3	180
12	956	-17	15	180	974	-18	11	180	975	-24	10	180	984	-23	0	0	977	-20	2	307	975	-20	1	319	980	-20	3	180
15	958	-17	21	180	974	-19	9	181	976	-24	9	180	983	-23	1	180	976	-21	0	0	974	-21	5	325	981	-19	8	198
18	960	-16	20	180	975	-20	8	195	978	-24	7	166	983	-23	0	0	975	-21	1	161	974	-22	4	270	983	-20	5	181
21	963	-15	19	176	974	-19	7	180	981	-25	7	180	983	-23	0	0	975	-20	0	0	974	-20	3	339	985	-19	8	189
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	985	-19	5	180	969	-15	2	301	959	-22	4	180	958	-22	1	180	958	-26	3	180	955	-25	6	183	964	-25	1	290
03	985	-19	3	219	967	-16	1	270	959	-23	6	180	961	-21	6	180	956	-25	1	225	955	-26	6	170	964	-25	0	0
06	984	-20	2	284	965	-16	2	226	959	-22	9	180	963	-23	8	180	954	-25	0	0	957	-26	4	180	965	-25	0	0
09	981	-20	5	309	965	-15	3	248	960	-23	6	208	964	-23	3	218	953	-26	2	180	958	-26	5	179	965	-26	0	0
12	978	-20	1	90	964	-16	3	159	959	-23	7	180	964	-22	0	0	953	-26	3	159	959	-25	3	180	965	-26	0	0
15	975	-21	0	0	962	-17	13	225	957	-21	1	246	963	-23	6	180	953	-25	2	180	960	-27	3	180	965	-26	0	0
18	973	-20	1	13	961	-22	4	180	956	-21	0	0	963	-25	5	201	953	-23	5	180	962	-27	1	225	965	-25	0	0
21	971	-17	1	24	960	-23	3	194	957	-22	1	194	960	-24	3	206	954	-26	7	181	962	-27	2	259	965	-23	0	0
		DAY	29			DAY	30			DAY	31																	
00	965	-24	0	0	966	-20	0	0	972	-23	2	180																
03	965	-22	0	0	967	-19	0	0	973	-23	5	180																
06	965	-23	0	0	968	-21	4	180	974	-24	6	176																
09	965	-21	0	0	968	-20	3	243	975	-25	3	180																
12	965	-23	1	206	969	-19	1	289	975	-24	2	180																
15	965	-22	0	0	970	-21	1	233	975	-27	3	180																
18	965	-21	0	0	971	-20	3	190	976	-27	2	204																
21	966	-22	1	309	972	-20	3	187	976	-26	1	189																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -19.7 STD DEV = 3.3 MAX = -12.6 AT 247 GMT ON DAY 12 MIN = -27.9 AT 1531 GMT ON DAY 27
* PRESSURE (MB) * MEAN = 967.3 STD DEV = 7.8 MAX = 985.3 AT 54 GMT ON DAY 22 MIN = 952.4 AT 1338 GMT ON DAY 26
* WINDS (M/S) * MEAN = 4.3 STD DEV = 3.9 RESULTANT = 3.5 FROM 188. CONSTANCY = .82 MAX = 24.0 FROM 166. AT 129 GMT DAY 16
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	34	25	17	11	6	2	2	0	0	2	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	1	0	0	0	0	1	6	55	8	5	3	8	4	7	1

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	972	-25	0	0	975	-26	1	180	981	-27	0	0	979	-26	2	180	973	-27	1	165	976	-28	0	0
03	976	-26	1	180	972	-28	3	179	976	-26	1	180	981	-26	0	0	978	-22	6	180	973	-28	3	167	977	-28	1	350
06	975	-26	0	0	972	-27	3	180	977	-27	1	180	980	-27	0	0	977	-22	4	180	973	-27	5	180	976	-28	1	309
09	975	-26	0	0	972	-28	1	153	978	-27	0	0	980	-27	1	205	977	-24	5	167	974	-27	4	180	976	-28	0	0
12	975	-27	0	0	973	-27	0	0	979	-27	0	0	979	-27	2	163	976	-27	3	165	974	-28	5	167	975	-29	1	161
15	973	-27	0	0	973	-27	0	0	979	-27	0	0	979	-22	5	189	975	-26	2	179	975	-30	6	169	974	-31	1	167
18	973	-26	0	0	973	-26	0	0	979	-28	0	0	979	-22	8	180	974	-26	2	149	975	-28	6	180	973	-32	3	173
21	972	-26	0	0	974	-25	0	0	980	-28	2	206	979	-23	8	184	973	-27	1	180	976	-29	3	180	972	-30	4	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	973	-30	5	161	973	-30	2	251	948	-30	0	0	949	-29	2	225	955	-23	2	225	963	-22	1	287	968	-19	3	150
03	975	-32	8	172	970	-30	1	225	945	-30	2	270	950	-28	0	0	956	-24	2	206	965	-23	1	218	969	-18	8	194
06	976	-32	9	173	968	-31	0	0	944	-33	3	180	951	-28	0	0	957	-24	2	212	966	-25	3	189	969	-19	4	201
09	978	-32	9	180	965	-31	3	198	944	-33	3	181	951	-28	1	335	958	-25	4	225	967	-23	2	187	968	-19	1	270
12	978	-32	6	180	961	-31	2	315	944	-32	6	180	950	-24	1	324	960	-25	3	214	967	-22	0	0	968	-20	2	214
15	977	-32	5	189	957	-33	3	315	946	-33	7	159	951	-26	0	0	961	-25	4	225	967	-19	3	248	967	-17	2	231
18	976	-32	3	229	953	-32	3	315	947	-32	8	180	952	-26	1	289	962	-25	3	251	967	-21	1	198	965	-18	9	239
21	975	-31	2	225	950	-31	0	0	948	-30	5	191	954	-24	3	218	962	-23	2	245	968	-22	2	198	969	-20	1	225
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	971	-21	7	150	976	-21	3	225	968	-14	3	225	956	-8	3	90	969	-14	2	301	981	-21	8	180	974	-21	3	309
03	972	-22	3	266	976	-21	1	240	964	-12	9	236	961	-18	9	180	970	-11	1	233	981	-21	6	180	973	-21	2	309
06	974	-19	2	270	975	-20	4	271	959	-8	13	235	963	-19	12	179	971	-11	2	270	980	-21	3	180	972	-20	0	0
09	975	-18	0	0	975	-19	2	301	956	-8	14	239	965	-18	5	228	973	-12	1	184	980	-22	0	0	972	-22	3	270
12	975	-18	7	274	976	-20	3	180	956	-7	14	225	966	-17	5	270	975	-14	1	330	979	-21	2	346	972	-20	2	270
15	977	-18	0	0	975	-20	3	222	955	-7	15	225	966	-16	4	270	977	-14	0	0	977	-20	2	309	972	-20	2	170
18	977	-19	6	180	972	-19	3	276	955	-7	13	222	967	-15	0	0	978	-15	7	180	976	-21	2	325	973	-21	3	225
21	977	-22	3	270	969	-15	3	334	956	-8	12	225	968	-15	1	273	979	-18	6	180	975	-21	2	309	974	-20	3	184
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	976	-20	2	195	980	-26	0	0	978	-29	1	224	974	-28	0	0	974	-29	1	206	972	-28	1	184	970	-23	2	218
03	977	-20	2	189	980	-26	0	0	976	-29	0	0	974	-27	0	0	974	-31	1	309	972	-25	0	0	969	-23	0	0
06	978	-20	4	198	979	-26	3	180	975	-29	0	0	974	-27	1	165	974	-30	1	290	972	-24	3	198	968	-24	5	180
09	979	-21	3	173	978	-26	7	180	975	-29	4	180	973	-27	1	282	974	-30	0	0	972	-24	3	205	967	-24	8	180
12	979	-21	3	180	978	-26	7	186	974	-27	1	206	972	-28	0	0	974	-29	0	0	972	-25	2	167	967	-21	8	198
15	979	-23	3	173	978	-27	7	183	974	-28	0	0	972	-28	4	180	973	-27	1	243	972	-26	1	280	966	-22	4	280
18	979	-24	4	180	979	-29	4	180	974	-28	3	267	972	-29	4	195	972	-27	1	289	971	-25	1	360	964	-22	5	291
21	980	-25	0	0	978	-29	0	0	974	-29	2	170	974	-29	3	139	972	-27	1	206	971	-26	2	208	963	-25	1	201
		DAY	29			DAY	30																					
00	962	-24	1	63	958	-16	3	201																				
03	961	-25	2	180	959	-16	1	239																				
06	960	-26	1	191	960	-16	3	270																				
09	960	-23	1	236	961	-15	5	167																				
12	959	-23	1	27	962	-17	3	200																				
15	958	-18	1	45	964	-17	6	180																				
18	959	-22	5	187	964	-19	10	141																				
21	958	-15	4	298	965	-21	15	145																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -23.7 STD DEV = 5.6 MAX = -6.7 AT 1104 GMT ON DAY 17 MIN = -35.0 AT 1321 GMT ON DAY 10
* PRESSURE (MB) * MEAN = 969.7 STD DEV = 8.8 MAX = 981.0 AT 28 GMT ON DAY 20 MIN = 943.8 AT 715 GMT ON DAY 10
* WINDS (M/S) * MEAN = 3.0 STD DEV = 3.0 RESULTANT = 2.2 FROM 202. CONSTANCY = .73 MAX = 17.8 FROM 136. AT 147 GMT DAY 18
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	46	31	10	7	3	1	2	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	1	1	1	1	0	2	9	34	11	15	5	9	5	6	2

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	968	-25	6	180	971	-24	6	195	975	-23	5	315	950	-19	6	339	958	-21	7	270	961	-28	4	243	963	-27	1	315
03	968	-26	5	198	972	-24	6	183	972	-21	2	339	947	-18	1	294	959	-21	2	180	961	-28	2	231	962	-27	2	282
06	969	-25	6	180	973	-25	5	201	967	-23	4	349	947	-19	4	153	959	-23	4	226	961	-27	0	0	960	-27	1	330
09	970	-25	4	189	974	-24	3	225	962	-21	5	330	948	-15	5	180	959	-23	1	189	961	-28	0	0	958	-27	1	339
12	970	-26	3	207	974	-23	1	249	955	-23	3	339	949	-22	8	180	959	-25	4	207	962	-27	1	309	954	-26	3	315
15	970	-26	3	212	975	-26	2	214	949	-21	3	186	951	-21	18	225	959	-25	5	189	962	-26	3	309	952	-27	0	0
18	970	-25	3	180	976	-28	4	189	949	-19	2	34	952	-22	17	214	960	-28	5	180	963	-27	4	301	954	-26	3	188
21	970	-25	6	225	977	-23	1	180	951	-18	1	251	956	-21	13	225	961	-28	4	242	963	-27	2	315	955	-25	4	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	958	-25	2	330	963	-20	1	282	965	-16	4	224	980	-16	2	224	980	-22	2	289	979	-24	1	201	986	-27	4	180
03	960	-23	2	198	962	-18	0	0	968	-16	7	180	981	-19	3	180	980	-22	2	255	980	-23	0	0	987	-27	3	180
06	961	-23	1	238	960	-22	1	180	970	-16	4	210	980	-20	4	180	979	-23	3	263	981	-25	6	210	987	-27	2	229
09	962	-22	1	239	961	-21	6	193	973	-14	5	149	980	-20	1	327	979	-24	0	0	982	-24	4	170	988	-29	2	180
12	962	-21	0	0	961	-18	3	217	975	-16	8	149	980	-21	2	161	979	-24	0	0	983	-28	4	180	988	-29	2	162
15	962	-22	1	225	961	-18	2	280	977	-16	9	169	981	-22	3	167	978	-23	0	0	984	-27	2	225	988	-29	2	180
18	963	-22	0	0	960	-15	1	258	979	-16	3	243	981	-21	4	172	978	-24	0	0	985	-26	4	180	988	-30	0	0
21	963	-23	0	0	962	-13	3	168	980	-17	4	225	980	-21	1	210	978	-24	0	0	986	-28	2	186	988	-31	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	988	-30	0	0	979	-32	0	0	979	-31	2	339	991	-27	1	206	989	-22	1	205	974	-18	6	180	969	-12	0	0
03	987	-31	0	0	978	-31	0	0	980	-30	1	309	992	-27	0	0	987	-21	3	217	973	-17	7	197	969	-12	4	274
06	986	-30	0	0	978	-32	0	0	981	-31	1	206	993	-26	2	218	985	-21	4	198	971	-15	10	180	968	-15	0	0
09	985	-30	0	0	978	-30	0	0	983	-30	1	177	993	-28	2	180	983	-21	5	189	971	-14	7	180	969	-13	2	212
12	984	-30	0	0	978	-31	0	0	985	-28	1	180	994	-28	3	197	982	-20	5	210	969	-12	6	180	972	-19	9	180
15	982	-31	0	0	978	-30	0	0	987	-26	0	0	993	-26	1	300	980	-17	5	181	969	-12	0	0	974	-20	7	189
18	981	-30	0	0	978	-30	0	0	988	-25	0	0	993	-26	1	189	978	-17	4	189	968	-10	3	108	974	-19	1	179
21	980	-31	0	0	979	-31	0	0	990	-26	1	212	991	-25	0	0	977	-16	6	180	969	-11	2	201	974	-20	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	972	-20	3	309	982	X	5	225	986	-27	4	170	994	-27	3	169	989	-27	6	180	988	-33	6	165	977	-29	5	307
03	973	-19	1	270	981	X	5	19	986	-26	5	170	995	-28	3	180	990	-29	10	180	985	-34	6	165	977	-29	0	0
06	974	-24	5	153	981	-8	4	34	987	-25	8	180	995	-27	1	101	991	-30	9	180	984	-34	8	180	978	-30	1	180
09	975	-22	4	155	981	-9	9	228	988	-26	7	180	994	-27	1	206	992	-32	7	174	983	-34	6	180	979	-29	2	149
12	977	-24	4	188	981	X	5	189	989	-26	5	169	992	-25	0	0	994	-33	2	189	982	-33	2	150	980	-30	2	170
15	979	-17	4	270	983	-24	8	180	990	-26	3	180	991	-24	3	309	993	-32	0	0	980	-33	2	290	982	-30	3	169
18	979	-13	7	239	984	-23	10	180	992	-26	3	170	989	-26	2	180	991	-29	2	280	979	-33	1	210	982	-30	0	0
21	981	-13	2	222	985	-22	7	180	993	-26	2	161	989	-27	5	166	990	-32	2	222	978	-29	5	309	983	-29	0	0
		DAY	29			DAY	30			DAY	31																	
00	984	-29	1	239	986	-31	3	260	977	-29	2	288																
03	984	-28	4	273	985	-29	4	301	976	-29	1	210																
06	984	-27	1	339	984	-29	4	302	976	-29	1	206																
09	985	-29	3	270	984	-29	3	326	976	-31	1	155																
12	986	-29	0	0	982	-29	4	309	976	-31	4	183																
15	986	-29	2	270	979	-30	4	309	976	-30	1	170																
18	986	-29	2	263	979	-28	3	321	976	-32	2	270																
21	987	-29	3	270	978	-29	2	309	975	-33	1	187																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.5 STD DEV = 5.5 MAX = -6.3 AT 540 GMT ON DAY 23 MIN = -34.5 AT 825 GMT ON DAY 27
* PRESSURE (MB) * MEAN = 976.0 STD DEV = 11.5 MAX = 995.1 AT 350 GMT ON DAY 25 MIN = 944.8 AT 514 GMT ON DAY 4
* WINDS (M/S) * MEAN = 3.1 STD DEV = 2.8 RESULTANT = 2.1 FROM 203. CONSTANCY = .66 MAX = 19.4 FROM 228. AT 1744 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	41	29	17	9	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	1	0	0	0	0	8	36	13	10	5	7	5	8	5

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	974	-31	2	289	970	-30	2	330	969	-23	3	356	964	-15	6	152	973	-18	4	246	979	-20	5	198	974	-22	1	225
03	974	-31	0	0	970	-30	0	0	970	-23	5	189	965	-18	6	180	972	-16	3	146	979	-18	3	217	974	-24	0	0
06	973	-30	1	270	970	-31	4	180	970	-23	3	243	966	-18	3	210	973	-17	3	297	979	-19	4	211	976	-24	1	285
09	972	-30	1	270	971	-24	4	180	969	-23	2	271	966	-15	1	221	974	-15	4	201	978	-19	1	243	978	-24	3	180
12	971	-31	0	0	971	-23	3	252	968	-21	1	270	967	-14	4	170	975	-16	5	193	977	-20	1	170	981	-23	2	198
15	971	-31	0	0	971	-22	1	258	966	-16	12	225	968	-12	17	72	976	-17	2	208	976	-23	2	174	982	-21	2	189
18	971	-31	1	339	972	-25	5	189	967	-17	2	189	970	-14	4	135	976	-16	3	215	975	-26	2	169	982	-21	5	152
21	971	-31	2	360	971	-24	2	297	964	-15	2	336	973	-16	4	206	978	-18	3	161	974	-25	3	198	982	-21	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	980	-21	3	304	970	-12	0	0	972	-10	0	0	983	-13	0	0	985	-20	7	180	974	-26	4	293	964	-31	2	188
03	978	-19	2	330	969	-10	2	158	972	-10	1	302	986	-14	2	189	984	-21	7	180	971	-27	4	315	964	-29	0	0
06	976	-16	8	235	968	-10	4	334	971	-10	2	270	988	-14	3	217	984	-21	2	180	966	-26	2	309	967	-30	1	189
09	975	-14	9	225	968	-11	8	253	971	-9	2	72	988	-15	3	270	982	-22	2	180	961	X	4	360	970	-31	3	180
12	972	-11	12	225	969	-8	2	90	971	-9	4	263	986	-17	3	138	980	-23	2	180	961	-29	11	169	972	-32	4	180
15	972	-15	6	180	969	-10	2	339	973	-10	0	0	985	-17	3	201	978	-23	0	0	963	-31	0	0	975	-31	5	197
18	971	-14	3	231	969	-9	3	225	974	-12	6	271	985	-19	9	180	977	-25	2	180	962	-30	5	180	978	-31	3	188
21	970	-12	2	224	971	-10	2	73	977	-10	5	90	986	-20	8	184	976	-25	1	270	963	-30	3	180	980	-32	2	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	982	-32	3	270	979	-34	5	180	973	-32	3	180	956	-31	5	180	970	-32	2	309	968	-34	9	181	975	-36	1	141
03	984	-29	2	52	979	-34	3	180	970	-32	4	180	958	-32	7	180	970	-32	5	309	969	-34	10	180	971	-36	0	0
06	984	-30	3	270	979	-32	3	184	968	-32	5	156	958	-31	5	180	969	-32	4	308	970	-33	9	180	967	-34	2	260
09	984	-31	2	260	979	-33	1	170	966	-33	1	181	960	-32	4	198	969	X	3	210	970	-35	3	189	964	-39	2	152
12	982	-31	1	301	978	-33	0	0	963	-33	0	0	962	-32	7	180	969	-35	4	183	970	-37	2	180	960	-40	6	163
15	981	-31	4	270	978	-33	1	180	960	-33	2	180	966	-32	8	173	969	-33	3	180	973	-37	3	177	958	-39	2	203
18	980	-34	3	198	978	-32	3	155	956	-33	4	180	969	-33	5	180	969	-36	5	163	975	-39	4	180	958	-38	7	170
21	979	-33	4	190	976	-32	3	176	956	-31	5	166	970	-33	2	180	968	-38	6	180	976	-36	5	172	961	-41	9	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	963	-41	6	179	972	-36	1	206	964	-38	1	270	951	-34	1	218	963	-20	2	295	971	-28	9	180	971	-27	2	260
03	966	-42	5	184	972	-36	0	0	963	-38	2	312	952	-33	1	165	962	-19	2	315	973	-30	7	180	969	-26	2	198
06	970	-37	11	180	971	-37	0	0	959	-38	6	330	955	-31	3	195	962	-17	1	248	974	-31	6	180	966	-23	2	155
09	972	-38	4	198	970	-38	3	309	955	-38	3	360	958	-30	6	177	963	-16	7	219	975	-31	6	180	964	-24	0	0
12	973	-38	5	187	968	-37	2	309	952	-37	4	339	958	-28	1	270	964	-18	2	297	974	-31	4	166	961	-25	3	328
15	973	-37	5	193	967	-38	0	0	950	-36	4	330	958	-29	0	0	966	-19	3	189	974	-28	3	206	957	-25	0	0
18	973	-37	4	251	966	-40	2	194	948	-36	2	349	958	X	0	0	968	-22	6	180	973	-29	4	190	954	-26	1	19
21	973	-36	2	243	965	-39	2	189	949	-37	3	194	961	-20	3	278	969	-26	8	180	971	-28	2	225	954	-30	3	169
		DAY	29			DAY	30																					
00	954	-30	2	180	959	-21	0	0																				
03	956	-26	3	189	960	-21	0	0																				
06	958	-21	5	218	962	-21	0	0																				
09	959	-22	5	298	963	-24	3	189																				
12	959	-23	4	270	965	-22	2	217																				
15	959	-24	3	270	967	-23	4	156																				
18	959	-25	2	301	968	-25	3	225																				
21	959	-22	1	339	968	-25	4	180																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -26.0 STD DEV = 8.4 MAX = -6.9 AT 948 GMT ON DAY 9 MIN = -41.6 AT 303 GMT ON DAY 22
* PRESSURE (MB) * MEAN = 969.7 STD DEV = 8.1 MAX = 988.3 AT 718 GMT ON DAY 11 MIN = 947.9 AT 1737 GMT ON DAY 24
* WINDS (M/S) * MEAN = 3.3 STD DEV = 2.6 RESULTANT = 2.1 FROM 199. CONSTANCY = .63 MAX = 18.0 FROM 188. AT 1304 GMT DAY 13
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	34	36	17	7	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	0	0	1	1	0	2	7	38	11	9	4	9	5	5	5

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	968	-28	4	207	968	-34	3	180	976	-25	13	225	987	-23	0	0	975	-22	1	180	977	-19	5	173	989	-27	3	181
03	968	-27	3	245	970	-32	4	163	979	-25	12	260	986	-17	3	297	970	-25	1	216	979	-20	2	57	990	-26	5	180
06	967	-27	1	172	972	-29	5	293	980	-22	8	251	985	-15	20	229	962	-23	1	327	981	-20	2	342	989	-27	3	180
09	966	-28	2	301	974	-27	2	360	979	-23	17	270	986	-14	22	228	956	X	16	135	983	-20	1	79	988	-26	0	0
12	965	-29	3	270	973	-24	2	292	981	-21	7	180	987	-18	0	0	959	-23	13	181	986	-23	0	0	987	-25	2	270
15	965	-28	1	318	970	-24	5	315	981	-22	3	161	985	-18	1	315	964	-22	4	187	988	-24	3	225	985	-26	0	0
18	965	-30	1	264	972	-27	9	183	982	-21	12	170	983	-17	6	289	969	-20	7	180	989	-25	0	0	983	-26	1	225
21	965	-30	1	189	974	-27	4	189	984	-23	13	163	979	-16	4	329	973	-19	7	180	989	-26	2	180	980	-26	1	243
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	978	-28	0	0	976	-31	0	0	964	-32	0	0	978	-30	0	0	983	-28	1	189	995	-26	1	153	1003	-32	2	189
03	976	-27	1	330	977	-30	3	225	963	-31	0	0	979	-29	1	169	984	-23	4	206	996	-27	2	270	1004	-34	3	174
06	974	-29	1	307	976	-30	5	206	964	-32	0	0	980	-30	3	330	985	-23	4	207	997	-27	1	225	1006	-30	1	180
09	972	-29	2	315	974	-29	3	270	965	-32	2	243	981	-30	0	0	987	-24	5	183	997	-27	2	101	1008	-31	0	0
12	972	-29	0	0	971	-29	4	302	967	-32	0	0	981	-30	0	0	989	-25	4	198	997	-28	0	0	1008	-33	4	180
15	973	-29	1	229	968	-29	4	288	970	-32	0	0	982	-30	1	225	990	-24	2	225	998	-29	1	249	1009	-34	4	180
18	975	-29	4	180	966	-30	2	336	972	-31	1	225	982	-30	0	0	991	-25	2	309	999	-29	1	180	1008	-31	8	181
21	976	-28	4	180	964	-32	1	225	975	-30	1	198	982	-29	0	0	993	-26	3	301	1001	-32	3	180	1009	-35	8	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1010	-36	5	162	1007	-33	0	0	989	-34	0	0	992	-36	3	193	993	-39	0	0	983	-32	5	180	969	-38	2	206
03	1011	-34	1	309	1005	-35	2	184	989	-31	1	201	992	-37	6	170	993	-40	2	203	981	-33	0	0	969	-37	0	0
06	1011	-32	1	288	1004	-35	0	0	989	-29	4	180	992	-37	3	180	992	-41	1	200	979	-35	0	0	969	-37	0	0
09	1011	-31	1	225	1003	-35	0	0	988	-27	4	180	993	-38	6	170	990	-36	0	0	976	-32	0	0	969	-36	0	0
12	1011	-30	0	0	1002	-35	2	330	988	-33	4	167	993	-39	5	180	988	-37	0	0	974	-37	0	0	970	-37	0	0
15	1011	-30	0	0	998	-36	4	321	990	-33	4	180	993	-34	4	181	987	-34	0	0	971	-37	0	0	970	-37	0	0
18	1010	-32	0	0	995	-35	4	349	992	-29	6	180	994	-34	3	203	986	-34	0	0	970	-37	0	0	970	-34	1	289
21	1009	-32	0	0	991	-34	5	339	992	-28	3	243	994	-35	3	180	984	-31	3	204	969	-38	3	191	969	-33	2	302
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	970	-36	0	0	977	-38	1	330	980	-31	0	0	974	-30	0	0	960	-18	1	177	956	-27	0	0	960	-27	1	349
03	971	-35	1	324	978	-37	2	360	980	-31	0	0	973	-28	0	0	959	-21	0	0	955	-24	1	350	961	-27	4	349
06	972	-34	2	360	977	-36	2	339	980	-32	0	0	971	-24	1	289	958	-21	1	334	954	-24	1	339	961	-27	3	340
09	973	-35	2	338	977	-35	2	349	980	-33	0	0	969	-19	1	293	957	-24	1	180	955	-30	3	315	963	-26	1	270
12	975	-34	0	0	978	-33	1	343	980	-31	0	0	967	-25	0	0	957	-32	4	179	955	-24	0	0	964	-26	0	0
15	976	-37	4	326	978	-34	0	0	979	-32	1	332	965	-22	0	0	957	-31	3	179	955	-26	2	352	965	-30	4	180
18	976	-37	0	0	979	-34	0	0	978	-33	2	330	963	-23	0	0	957	-29	0	0	957	-29	1	183	967	-29	5	172
21	977	-38	2	330	980	-34	1	180	976	-31	0	0	962	-22	1	243	957	-29	3	330	958	-27	0	0	969	-29	1	156
		DAY	29			DAY	30			DAY	31																	
00	970	-27	2	260	971	-18	3	233	973	-26	1	204																
03	970	-25	5	270	971	-19	3	210	972	-23	2	161																
06	970	-21	3	263	971	-19	4	180	971	-23	0	0																
09	970	-26	2	156	970	-18	0	0	970	-23	3	301																
12	970	-26	3	90	970	-21	6	180	969	-27	3	180																
15	970	-20	2	233	970	-20	2	180	968	-26	1	195																
18	970	X	4	270	969	-23	1	216	967	-26	1	225																
21	969	-17	2	167	970	-25	1	274	966	-27	2	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -28.6 STD DEV = 5.6 MAX = -13.5 AT 1049 GMT ON DAY 4 MIN = -41.6 AT 539 GMT ON DAY 19
* PRESSURE (MB) * MEAN = 978.7 STD DEV = 13.7 MAX =1011.5 AT 716 GMT ON DAY 15 MIN = 954.1 AT 737 GMT ON DAY 27
* WINDS (M/S) * MEAN = 2.5 STD DEV = 3.2 RESULTANT = 1.3 FROM 214. CONSTANCY = .53 MAX = 28.6 FROM 217. AT 717 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	57	25	10	3	1	0	2	0	1	0	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	0	0	1	2	0	1	6	32	9	10	4	7	8	6	11

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	965	-30	3	206	971	-29	1	225	973	-32	5	180	957	-20	5	23	953	-21	9	189	959	-23	7	180	956	-21	10	270
03	966	-28	5	180	971	-32	5	180	972	-32	7	200	956	-21	4	330	954	-20	10	193	959	-23	2	198	955	-21	10	270
06	967	-29	5	166	972	-31	3	180	970	-32	5	225	954	-20	1	302	954	-21	13	193	959	-21	0	0	955	-20	8	260
09	969	-31	4	180	972	-29	0	0	968	-30	4	189	954	-21	16	180	954	-22	9	180	960	-21	1	236	956	-17	1	215
12	970	-28	2	218	972	-31	5	180	965	-27	0	0	954	-21	4	255	955	-22	10	180	960	-21	0	0	956	-17	2	262
15	971	-27	0	0	973	-32	7	180	962	-26	3	189	953	-20	0	0	955	-22	4	197	961	-23	2	270	957	-17	4	158
18	970	-29	2	339	973	-33	6	180	959	-23	3	349	951	-19	11	125	956	-22	10	187	959	-20	12	231	961	-22	6	180
21	971	-28	3	210	973	-33	4	225	958	-21	2	342	952	-20	14	141	958	-22	7	180	958	-21	4	256	963	-21	6	167
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	963	-20	2	206	972	-23	4	183	969	-16	4	180	956	-11	13	225	959	-14	0	0	961	-13	5	330	974	-19	2	315
03	961	-18	2	37	973	-24	1	180	967	-18	5	180	954	-10	11	225	958	-14	1	180	964	-14	0	0	973	-17	1	333
06	960	-17	3	161	975	-25	4	180	966	-14	9	225	952	-10	3	180	955	-12	1	360	967	-15	0	0	970	-17	2	233
09	962	-21	8	173	975	-25	4	198	964	-13	10	225	953	-9	10	183	954	-10	3	225	970	-15	6	153	969	-20	2	186
12	964	-21	7	197	975	-23	3	207	964	-17	4	180	955	-12	9	142	957	-16	7	180	972	-17	2	360	969	-20	5	189
15	966	-22	6	197	974	-21	5	161	962	-17	0	0	957	-12	9	169	958	-15	13	180	973	-17	12	134	968	-21	1	168
18	968	-23	8	180	973	-20	6	145	961	-17	1	57	959	-12	6	198	958	-13	4	45	976	-17	5	138	967	-19	2	180
21	970	-22	7	180	970	-19	6	161	959	-15	2	115	960	-14	0	0	960	-13	1	360	976	-18	1	218	965	-19	1	249
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	963	-21	1	324	948	-26	1	167	957	-26	2	307	970	-23	5	269	975	-25	7	180	969	-28	1	214	969	-31	3	172
03	960	-20	5	309	949	-26	4	301	958	-26	0	0	971	-22	2	231	975	-26	4	165	967	-28	0	0	973	-30	9	177
06	956	-22	4	301	949	-27	0	0	960	-25	0	0	972	-21	2	186	976	-26	6	180	966	-27	1	301	976	-31	7	180
09	952	-22	0	0	949	-25	2	338	963	-20	1	19	973	-22	3	218	976	-25	2	44	965	-29	0	0	979	-32	9	180
12	949	-23	0	0	950	-26	0	0	965	-20	3	243	974	-23	2	180	974	-26	5	270	965	-30	0	0	980	-34	4	180
15	948	-27	4	180	952	-27	0	0	967	-19	0	0	974	-24	2	181	973	-25	4	284	964	-29	1	251	981	-31	5	191
18	947	-25	5	180	954	-27	0	0	968	-20	3	89	974	-21	0	0	971	-27	0	0	965	-31	0	0	982	-31	5	159
21	947	-25	4	166	956	-28	2	304	969	-21	3	198	974	-25	0	0	970	-29	3	180	967	-29	1	198	982	-29	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	981	-30	0	0	970	X	2	180	965	-40	1	189	973	-37	6	180	959	-29	1	289	957	-20	2	198	958	-16	2	258
03	979	-30	1	238	970	-34	1	225	966	X	0	0	973	-36	6	180	958	-26	0	0	957	-22	0	0	958	-15	2	215
06	974	-30	0	0	970	-33	0	0	966	-33	2	260	971	-37	1	45	958	-27	0	0	958	-21	0	0	958	-17	2	180
09	972	-31	0	0	969	-33	0	0	967	-34	2	229	970	-37	3	218	957	-25	1	270	958	-21	1	22	958	-19	5	180
12	969	-31	0	0	968	-35	0	0	968	-33	1	231	968	-35	1	187	957	-28	0	0	958	-18	1	153	959	-20	7	180
15	968	-33	0	0	967	-35	0	0	969	-34	1	198	965	-36	3	232	958	-27	0	0	958	-18	1	257	961	-23	7	176
18	968	-33	2	246	965	-35	0	0	970	-34	4	180	963	-32	3	161	957	-25	1	82	957	-16	1	315	963	-21	8	180
21	969	-33	2	180	965	-35	0	0	972	-36	3	184	961	-31	1	309	957	-22	0	0	958	-16	1	214	965	-21	5	180
		DAY	29			DAY	30			DAY	31																	
00	967	-21	6	162	977	-26	0	0	980	-27	4	180																
03	969	-23	7	194	977	-26	0	0	980	-26	5	179																
06	970	-23	4	194	978	-28	0	0	981	-26	7	174																
09	971	-22	0	0	979	-27	0	0	983	-26	5	180																
12	972	-23	2	169	979	-25	1	309	983	-26	4	180																
15	973	-23	2	176	979	-25	2	264	984	-27	5	180																
18	974	-24	2	186	979	-26	3	285	985	-26	5	167																
21	975	-24	0	0	980	-27	0	0	986	-25	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -23.9 STD DEV = 6.3 MAX = -8.8 AT 901 GMT ON DAY 11 MIN = -39.7 AT 2354 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 965.4 STD DEV = 8.7 MAX = 985.5 AT 2159 GMT ON DAY 31 MIN = 947.0 AT 1842 GMT ON DAY 15
* WINDS (M/S) * MEAN = 3.4 STD DEV = 3.2 RESULTANT = 2.4 FROM 192. CONSTANCY = .70 MAX = 21.5 FROM 221. AT 2242 GMT DAY 10
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	43	23	16	9	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	2	2	1	1	1	3	8	38	10	12	5	5	4	4	3

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	985	-25	0	0	981	-30	4	176	985	-35	2	285	986	-30	9	166	979	-31	2	206	965	-41	4	180	963	-27	3	166
03	985	-26	0	0	980	-31	4	161	986	-35	0	0	986	-31	7	180	977	-34	1	189	963	-31	10	180	963	-27	2	270
06	984	-28	0	0	980	-32	8	180	987	-36	0	0	985	-31	7	180	974	X	2	180	964	-33	8	180	964	-26	1	267
09	984	-28	1	194	979	-33	7	174	988	-35	3	180	984	-31	5	180	972	-38	5	169	963	-35	8	180	963	-24	3	309
12	983	-29	4	180	980	-36	5	176	988	-34	3	176	984	-31	2	198	970	-38	8	180	963	-35	8	186	963	-22	2	206
15	982	-28	2	180	981	-36	5	177	988	-33	6	170	983	-31	2	240	968	-36	6	189	964	-35	4	180	964	-23	1	246
18	982	-28	2	180	982	-35	4	180	987	-30	7	180	982	-31	4	251	966	-39	4	180	963	-32	0	0	964	-26	0	0
21	981	-30	3	180	984	-36	1	180	986	-29	9	180	981	-33	2	357	965	X	3	198	962	-30	4	189	965	-24	3	231
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	966	-24	0	0	973	-32	5	180	966	-27	15	180	968	-26	3	302	963	-32	6	169	967	-34	0	0	971	-32	0	0
03	968	-22	1	252	973	-35	3	180	967	-27	12	189	967	-30	1	180	964	-33	11	180	967	-35	4	156	971	-33	0	0
06	969	-29	3	186	974	-33	7	184	968	-28	11	180	966	-32	4	180	965	-32	9	180	968	-37	4	189	971	-33	0	0
09	969	-29	3	180	973	-30	4	152	970	-28	9	179	966	-32	2	173	966	-34	5	180	969	-35	4	180	970	X	0	0
12	970	-29	3	198	971	-29	5	189	971	-28	10	198	964	-32	1	180	966	-35	3	160	969	-37	4	180	970	-34	0	0
15	969	-30	3	180	969	-24	10	180	971	-27	7	180	963	-32	3	184	966	-36	4	176	970	-35	5	190	969	-33	1	206
18	971	-30	4	195	967	-26	11	180	970	-28	1	180	963	-32	4	180	966	-37	5	180	970	-35	2	189	968	-34	0	0
21	972	-33	2	197	966	-28	10	186	970	-29	2	187	963	-32	4	180	967	-34	0	0	971	-35	1	221	968	-31	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	967	-31	0	0	965	-27	0	0	969	-28	0	0	968	-25	0	0	956	-27	7	187	963	-21	4	146	962	-18	3	201
03	966	-31	0	0	965	-28	2	253	970	-27	1	198	965	-27	0	0	958	-25	6	180	965	-23	4	180	961	-17	4	206
06	965	-31	0	0	966	-27	2	264	971	-29	0	0	963	-28	0	0	959	-22	3	225	966	-22	0	0	959	-18	6	208
09	965	-30	2	243	966	-25	1	260	972	-32	0	0	959	-28	1	190	958	-19	2	273	966	-22	3	309	956	-17	4	218
12	964	-29	2	307	966	-26	0	0	973	-34	2	180	956	-28	0	0	957	-19	3	270	965	-21	1	291	953	-17	1	309
15	964	-34	5	180	966	-29	0	0	973	-30	1	189	954	-28	1	198	955	-18	2	239	964	-19	2	260	949	-20	2	354
18	965	-27	0	0	967	-28	0	0	972	-28	1	304	951	X	1	330	957	-18	3	189	964	-20	2	235	947	-23	1	315
21	965	-28	2	270	968	-27	0	0	970	-25	0	0	952	-29	1	177	960	-21	6	180	963	-18	3	225	946	-22	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	945	-21	1	191	961	-23	0	0	964	-23	0	0	964	-27	1	189	958	-24	1	189	951	-24	1	180	973	-26	1	180
03	946	-24	5	170	962	-19	3	219	963	-21	0	0	964	-27	2	188	955	X	3	225	954	-22	1	218	973	-24	2	180
06	947	-21	8	180	964	-21	6	180	963	-23	0	0	X	X	X	X	953	-24	1	207	957	-27	4	180	973	-23	1	198
09	950	-22	1	309	964	-23	1	180	962	-24	0	0	965	-26	0	0	951	-23	1	325	961	-27	3	191	973	-23	0	0
12	952	-21	3	180	965	-23	3	200	962	-26	0	0	965	-24	1	239	949	-24	2	330	964	-24	0	0	971	-22	3	218
15	954	-23	7	177	966	-23	6	180	963	-30	2	189	964	-24	2	189	949	-23	0	0	967	-23	0	0	969	-21	4	270
18	957	-25	6	189	966	-22	5	201	963	-28	1	183	963	-23	0	0	948	-23	0	0	969	-27	0	0	965	-19	0	0
21	959	-24	4	180	965	-20	3	225	963	-27	0	0	960	-22	0	0	949	-24	0	0	971	-26	1	173	963	-21	0	0
		DAY	29			DAY	30																					
00	959	-21	0	0	945	X	1	360																				
03	956	-24	0	0	947	-17	1	206																				
06	953	-22	0	0	947	-18	3	184																				
09	951	-22	0	0	947	-16	1	270																				
12	949	-23	0	0	946	-21	2	349																				
15	947	-22	0	0	945	-21	1	221																				
18	946	-19	0	0	945	-18	1	304																				
21	946	-18	0	0	947	-17	1	153																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -27.2 STD DEV = 5.4 MAX = -13.1 AT 2315 GMT ON DAY 30 MIN = -40.9 AT 46 GMT ON DAY 6

* PRESSURE (MB) * MEAN = 965.7 STD DEV = 10.1 MAX = 988.1 AT 1142 GMT ON DAY 3 MIN = 942.3 AT 100 GMT ON DAY 22

* WINDS (M/S) * MEAN = 2.8 STD DEV = 2.8 RESULTANT = 2.3 FROM 189. CONSTANCY = .84 MAX = 17.0 FROM 170. AT 1551 GMT DAY 9

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.9 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	52	22	13	6	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	0	0	0	0	0	1	4	57	11	7	5	6	2	5	1

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	949	-16	3	218	956	-17	6	172	947	-20	8	180	956	-18	1	146	968	-21	2	360	971	-25	2	160	978	-23	2	274
03	949	-14	0	0	955	-17	4	270	947	-20	8	173	957	-18	0	0	968	X	1	225	971	-26	3	180	978	-23	0	0
06	951	-16	1	216	953	-16	5	267	949	-21	7	181	959	-19	0	0	969	-24	2	187	972	-27	3	189	977	-24	2	309
09	950	-19	9	284	953	-16	1	194	950	-21	5	180	961	-22	1	180	969	-26	3	180	973	-28	3	169	977	-26	2	330
12	950	-16	4	330	952	-17	3	231	951	-20	1	198	963	-18	1	189	969	-25	4	180	974	-28	1	248	977	-26	1	346
15	952	-18	5	201	951	-17	6	211	952	-21	0	0	965	-20	4	270	970	-25	5	180	975	-27	1	225	977	-26	0	0
18	955	-18	11	180	949	-20	4	170	953	-20	1	300	966	-21	1	211	971	-26	4	180	976	-26	4	180	977	-27	0	0
21	957	-18	6	198	947	-18	4	180	954	-19	0	0	967	-19	1	291	971	-26	4	180	977	-24	2	180	977	-24	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	977	-25	0	0	975	-16	2	260	966	-12	0	0	972	-17	0	0	982	-20	5	180	984	-24	5	180	978	-28	7	180
03	978	-23	1	334	974	-12	1	262	967	-11	3	218	972	-18	3	339	983	-20	7	179	982	-26	5	180	978	-28	9	170
06	977	-26	5	180	974	-13	2	206	969	-14	3	198	971	-18	4	309	985	-22	7	180	981	-27	6	170	978	-29	7	180
09	979	-23	2	189	972	-12	11	233	970	-15	5	180	972	-18	1	315	985	-23	4	180	979	-27	5	160	979	-30	5	187
12	980	-23	3	189	970	-14	10	270	971	-17	5	188	974	-18	0	0	986	-24	3	189	978	-27	3	180	980	-30	5	183
15	980	-21	4	257	968	-14	14	253	972	-18	5	180	975	-19	1	93	986	-25	7	180	978	-28	5	180	981	-31	0	0
18	979	-23	2	360	966	-15	11	270	972	-18	4	161	978	-20	0	0	986	-25	8	183	977	-29	6	187	981	-30	0	0
21	977	-20	4	319	966	-11	6	243	972	-20	2	180	980	-20	0	0	985	-24	11	179	978	-28	8	184	982	-29	1	1
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	982	-27	0	0	977	-26	4	342	978	-24	0	0	977	-18	9	180	977	-23	7	172	966	-21	1	225	965	-21	0	0
03	981	-27	1	330	977	-26	5	356	978	-24	1	322	977	-18	10	186	974	-23	6	180	964	-21	2	312	967	-22	0	0
06	981	-27	2	309	977	-26	3	349	978	-23	1	177	977	-18	8	180	973	-22	7	167	964	-21	2	127	968	-22	0	0
09	979	-28	0	0	978	-27	2	309	978	-22	1	218	978	-19	10	180	972	-23	4	180	963	-22	0	0	970	-24	2	177
12	978	-29	0	0	978	-27	2	330	977	-20	0	0	978	-20	12	180	971	-24	2	186	962	-25	5	270	971	-23	0	0
15	978	-29	2	333	978	-27	3	336	977	-17	1	198	978	-21	9	198	969	-23	1	177	962	-24	0	0	972	-23	1	213
18	977	-29	3	339	978	-27	1	352	977	-19	3	225	978	-23	9	180	968	-23	0	0	963	-25	2	180	973	-24	3	193
21	977	-28	4	309	978	-25	0	0	977	-19	10	187	978	-23	9	180	967	-22	0	0	964	-23	1	206	975	-25	2	184
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	976	-25	3	180	974	-19	0	0	965	-20	3	314	965	-20	2	221	965	-20	0	0	964	-20	6	180	978	-13	1	270
03	976	-25	4	170	974	-19	0	0	964	-21	7	180	964	-16	4	360	964	-19	0	0	966	-19	3	180	979	-11	3	161
06	977	-24	4	170	973	-20	1	251	963	-20	5	180	965	-18	2	148	963	-20	4	309	968	-18	1	336	978	-6	12	229
09	976	-24	0	0	972	-21	2	274	964	-20	2	225	966	-21	5	180	961	-20	3	342	970	-19	2	210	978	-7	13	225
12	976	-24	4	270	969	-22	7	273	964	-21	0	0	967	-23	4	180	960	-21	2	349	972	-22	0	0	978	-11	14	270
15	974	-21	2	270	967	-20	1	213	963	-21	0	0	966	-19	0	0	960	-23	1	260	974	-22	2	158	977	-11	13	271
18	974	-21	0	0	966	-22	1	270	963	X	5	180	966	-20	2	330	961	-23	0	0	974	-16	11	229	976	-10	11	270
21	974	-21	0	0	966	-19	2	260	963	-20	2	194	966	-21	0	0	962	-22	5	170	975	-11	11	225	976	-7	10	225
		DAY	29			DAY	30			DAY	31																	
00	976	-8	1	289	971	-8	3	198	955	-7	7	270																
03	975	-8	2	177	969	-6	8	218	952	-7	1	360																
06	975	-7	0	0	969	-8	1	136	949	-7	0	0																
09	974	-8	2	198	968	-6	10	215	948	-7	1	197																
12	973	-9	1	289	967	-9	4	270	949	-11	5	180																
15	971	-8	1	297	964	-9	4	270	948	-9	2	231																
18	972	-8	4	181	961	-8	9	236	949	-9	1	309																
21	971	-6	8	225	958	-10	2	291	951	-9	1	206																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -19.9 STD DEV = 5.9 MAX = -5.4 AT 100 GMT ON DAY 29 MIN = -31.4 AT 1520 GMT ON DAY 14

* PRESSURE (MB) * MEAN = 969.8 STD DEV = 9.5 MAX = 986.1 AT 1519 GMT ON DAY 12 MIN = 946.8 AT 2207 GMT ON DAY 2

* WINDS (M/S) * MEAN = 3.5 STD DEV = 3.3 RESULTANT = 2.3 FROM 210. CONSTANCY = .66 MAX = 16.3 FROM 271. AT 1149 GMT DAY 28

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	44	21	16	7	6	4	1	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	4	0	0	0	0	0	1	3	39	10	11	2	11	3	6	7

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	954	-9	1	126	976	-14	3	32	974	-12	1	116	973	-17	4	360	962	-12	3	170	973	-15	2	90	977	-17	5	149
03	957	-12	7	149	975	-14	4	360	973	-14	1	103	970	-16	5	359	961	-13	5	180	973	-16	6	138	977	-16	3	141
06	962	-16	6	180	974	-14	5	360	973	-14	1	181	967	-14	1	324	961	-16	6	162	974	-18	8	121	977	-15	4	162
09	966	-17	6	180	973	-13	1	206	973	-15	3	141	964	-14	0	0	962	-18	6	180	975	-20	5	156	977	-15	4	181
12	970	-18	9	198	973	-16	10	174	974	-16	5	180	964	-16	2	174	964	-19	5	167	976	-19	1	206	976	-15	3	189
15	973	-18	7	177	973	-16	7	180	975	-17	4	181	964	-13	4	189	968	-20	6	180	976	-18	4	206	976	-16	6	180
18	975	-17	2	198	974	-17	7	180	975	-18	1	161	964	-15	6	193	970	-20	5	187	977	-19	8	184	976	-18	7	165
21	975	-14	0	0	975	-15	4	161	974	-16	0	0	963	-13	3	198	972	-16	4	165	977	-18	3	252	974	-15	2	201
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	973	-15	2	170	959	-8	2	31	962	-9	1	105	980	-8	7	132	987	-10	4	141	978	-7	2	169	979	-5	2	180
03	971	-14	5	170	956	-5	3	170	964	-7	0	0	982	-9	6	136	986	-8	3	24	977	-8	2	170	979	-5	5	167
06	969	-14	2	180	953	-4	3	342	966	-7	1	270	983	-9	5	161	984	-9	3	360	977	-6	1	168	979	-6	7	170
09	968	-14	2	245	953	-6	3	117	968	-7	0	0	984	-9	6	168	983	-8	2	270	978	-7	0	0	979	-7	5	180
12	967	-15	3	225	953	-7	4	336	971	-8	6	177	986	-10	7	170	982	-9	2	270	978	-6	0	0	979	-8	5	180
15	965	-14	1	225	954	-8	1	307	973	-8	2	246	987	-11	9	158	981	-9	0	0	978	-8	4	161	979	-7	8	183
18	963	-10	3	170	957	-6	1	309	976	-8	3	100	988	-11	8	180	980	-7	0	0	979	-9	6	180	979	-7	4	180
21	962	-10	2	166	960	-8	5	180	978	-7	0	0	988	-10	8	180	978	-8	2	330	979	-8	5	180	979	-6	5	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	977	-6	4	180	970	-6	5	170	967	-5	5	169	972	-9	1	116	969	-7	4	312	964	-5	1	37	972	-6	7	180
03	976	-4	4	184	970	-6	5	180	967	-6	6	141	972	-8	3	161	968	-6	3	10	964	-8	4	100	974	-6	5	174
06	975	-5	7	180	969	-5	5	172	968	-8	9	149	972	-10	7	141	968	-7	3	12	965	-8	2	97	975	-7	11	180
09	974	-5	6	191	968	-6	5	179	969	-9	7	187	973	-12	4	180	968	-7	2	289	966	-8	2	360	977	-8	9	169
12	973	-6	4	180	968	-7	5	163	970	-10	5	176	973	-12	2	172	967	-8	1	270	966	-8	2	360	978	-9	13	189
15	972	-7	5	180	968	-6	3	189	971	-10	5	180	972	-12	2	180	966	-8	2	264	967	-8	2	228	979	-11	11	180
18	971	-7	5	153	967	-6	5	180	971	-10	4	180	971	-9	0	0	965	-7	0	0	969	-6	6	180	980	-10	12	181
21	971	-5	5	172	967	-7	5	190	972	-10	3	149	970	-8	3	315	964	-5	1	54	970	-7	9	180	981	-10	13	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	982	-9	14	177	984	-6	9	180	978	-6	4	360	978	-8	10	180	979	-2	8	173	982	-2	8	166	979	-2	1	90
03	983	-8	13	180	983	-6	6	180	977	-5	4	349	979	-8	10	149	980	-1	11	180	982	-1	7	180	978	-2	3	1
06	984	-10	12	190	982	-6	6	180	977	-5	4	339	979	-8	9	170	980	-1	11	198	982	-1	6	180	978	-2	4	32
09	985	-10	12	180	982	-7	5	180	977	-6	3	333	979	-6	8	156	981	-2	9	177	981	-1	5	180	978	-3	3	360
12	986	-10	10	180	981	-8	3	180	977	-8	3	170	979	-8	15	145	982	-4	7	162	981	-1	3	204	978	-4	2	22
15	986	-10	10	181	980	-7	0	0	977	-7	3	180	979	-6	7	170	982	-5	7	180	980	-1	1	155	978	-3	0	0
18	986	-8	9	180	980	-6	0	0	977	-7	8	167	979	-7	9	149	982	-4	8	180	980	-2	2	149	978	-3	2	349
21	985	-7	9	180	979	-7	1	360	978	-8	9	180	979	-5	7	139	982	-3	5	180	979	-2	2	170	979	-3	2	170
		DAY	29			DAY	30																					
00	980	-2	2	90	981	-3	7	360																				
03	980	-2	5	15	981	-3	8	360																				
06	980	-3	4	360	982	-5	6	360																				
09	980	-3	5	356	982	-4	3	315																				
12	980	-4	3	360	983	-4	3	270																				
15	980	-4	2	339	983	-5	3	270																				
18	980	-4	1	28	984	-6	4	152																				
21	981	-3	3	360	984	-5	5	170																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -8.8 STD DEV = 4.6 MAX = - 1 AT 648 GMT ON DAY 26 MIN = -20.0 AT 1508 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 974.4 STD DEV = 7.4 MAX = 987.1 AT 1453 GMT ON DAY 11 MIN = 952.0 AT 646 GMT ON DAY 9
* WINDS (M/S) * MEAN = 4.7 STD DEV = 3.1 RESULTANT = 3.2 FROM 173. CONSTANCY = .69 MAX = 16.5 FROM 181. AT 1703 GMT DAY 21
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	21	26	25	14	8	4	1	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	9	4	1	0	3	3	5	14	46	4	1	1	3	0	3	3

STATION : 8906 MARBLE POINT LAT : 77.4 S LONG : 163.8E ELEVATION : 120 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	985	-4	6	180	985	-3	6	360	982	-4	2	339	973	-6	4	161	969	-6	3	124	969	0	1	121	977	-3	5	301
03	985	-4	5	170	985	-3	6	12	979	-3	1	330	972	-6	9	141	969	-6	3	135	970	-2	9	134	977	-2	1	180
06	985	-5	4	160	985	-3	6	10	977	-5	4	115	972	-7	5	180	969	-6	1	57	972	-3	9	120	977	-3	1	115
09	985	-4	3	153	986	-4	4	6	976	-5	3	159	972	-7	5	174	969	-6	4	270	974	-5	2	101	978	-4	2	149
12	985	-4	0	0	986	-5	3	309	976	-8	3	170	971	-8	5	145	969	-6	2	166	975	-5	4	301	978	-3	5	280
15	985	-5	2	347	986	-5	2	330	975	-8	4	161	970	-9	4	180	968	-5	2	274	975	-5	4	305	977	-1	12	225
18	985	-5	3	360	985	-5	3	321	975	-8	4	149	969	-9	1	170	968	-3	7	260	976	-5	1	360	977	-1	13	225
21	985	-4	4	10	984	-4	4	360	974	-8	3	162	969	-8	2	152	968	-1	8	206	977	-4	2	37	977	-2	6	132
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	977	-2	2	126	973	-2	3	159	974	-2	3	141	979	-1	1	64	982	-1	6	170	981	0	5	328	986	-3	23	149
03	976	-2	2	120	973	-3	3	170	975	-3	5	90	980	1	4	116	981	1	6	180	981	-1	4	289	988	-1	12	166
06	975	-1	1	123	973	-2	5	180	975	0	5	161	981	-3	4	160	982	0	4	170	982	-2	12	141	987	-2	14	161
09	975	-1	0	0	973	-3	5	180	975	-2	3	17	981	-3	6	169	982	0	2	218	982	-3	11	132	988	-2	8	189
12	974	-1	1	309	974	-4	3	180	975	1	3	201	982	-3	3	162	981	1	2	314	983	-4	20	136	988	-4	19	141
15	973	-2	0	0	974	-3	0	0	976	-3	3	260	982	-3	0	0	980	-1	4	161	985	-5	12	161	989	-4	13	150
18	973	-2	3	142	974	-2	1	349	977	-2	4	53	981	-2	2	162	981	-2	3	180	987	-6	8	180	990	-4	9	173
21	972	-3	2	170	974	-2	2	360	978	-2	4	332	982	-1	5	152	981	-1	1	186	988	-6	9	180	990	-3	11	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	990	-1	12	141	992	0	11	180	994	1	8	180	990	3	8	180	992	1	8	180	984	0	5	180	986	-2	5	150
03	991	-1	15	141	992	0	10	180	993	1	8	180	990	2	7	160	991	1	8	148	985	-1	5	180	985	-1	3	149
06	991	-1	17	132	992	0	11	177	992	1	9	186	991	-1	7	180	989	0	4	166	985	-1	4	169	984	-1	2	161
09	991	-1	14	141	993	-1	10	180	992	1	8	180	991	-1	8	180	988	-1	1	27	985	-1	4	170	984	-3	4	166
12	991	-1	15	141	994	-2	7	180	991	0	7	169	992	0	7	180	986	-3	4	360	986	-1	1	158	984	-3	2	174
15	992	-2	9	166	994	-1	6	180	990	0	6	180	992	1	9	184	985	-3	2	90	985	-1	3	270	984	-3	4	180
18	992	-1	8	180	993	0	9	173	990	3	9	180	992	2	6	169	984	-3	2	342	985	0	3	141	984	-2	9	180
21	992	-1	8	180	994	0	8	180	990	3	8	180	992	3	9	180	984	-3	4	149	985	-1	6	155	986	-3	7	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	987	-4	8	167	987	-1	2	167	984	-1	2	120	991	-1	4	360	991	0	6	11	988	-1	3	360	997	1	4	12
03	987	-3	5	161	986	-2	4	145	984	-1	5	31	992	-1	4	12	990	-1	7	360	989	-1	3	28	997	1	4	12
06	988	-2	3	141	986	-1	1	120	985	-1	4	20	992	-1	5	21	989	-1	6	14	990	-1	4	12	997	-1	4	18
09	989	-2	1	141	985	-2	4	360	986	-1	3	360	993	-1	3	360	989	-2	5	7	991	-1	3	15	997	-1	3	360
12	988	-2	1	145	985	-2	2	360	988	-3	3	360	993	-2	3	14	988	-2	3	311	993	-1	1	57	997	-1	3	360
15	988	-2	2	170	984	-2	1	359	989	-2	3	315	993	-2	2	360	988	-2	2	24	994	-2	2	339	997	-2	2	360
18	988	-2	4	149	984	-1	1	41	990	-1	4	333	992	-3	2	350	987	-1	1	22	995	-1	1	197	996	-2	3	360
21	988	-2	2	149	984	0	2	111	991	0	5	17	992	0	4	360	987	-2	3	51	996	0	1	37	995	-1	5	8
		DAY	29			DAY	30			DAY	31																	
00	994	0	5	360	989	-1	5	153	994	-1	4	150																
03	993	-1	5	360	990	-1	5	161	X	X	X	X																
06	991	-1	4	12	990	-1	3	161	X	X	X	X																
09	991	-1	2	21	991	-2	3	170	X	X	X	X																
12	990	-1	0	0	992	-2	4	149	X	X	X	X																
15	989	-1	1	90	993	-2	2	174	X	X	X	X																
18	989	-2	2	141	993	-2	2	170	X	X	X	X																
21	989	-1	3	134	994	-1	4	180	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -2.0 STD DEV = 2.1 MAX = 4.0 AT 1845 GMT ON DAY 17 MIN = -8.8 AT 1511 GMT ON DAY 4

* PRESSURE (MB) * MEAN = 984.4 STD DEV = 7.6 MAX = 997.4 AT 733 GMT ON DAY 28 MIN = 967.8 AT 1825 GMT ON DAY 5

* WINDS (M/S) * MEAN = 4.9 STD DEV = 3.6 RESULTANT = 2.5 FROM 157. CONSTANCY = .51 MAX = 23.2 FROM 149. AT 2356 GMT DAY 13

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.8 % PRESSURE: 2.8 % WINDS: 2.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	19	30	25	9	9	3	2	2	0	0	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	13	9	2	1	2	4	11	18	26	1	1	0	3	1	3	4

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	990	-6	5	218	999	-4	2	108	990	-2	4	360	987	-4	1	260	991	-7	4	159	992	-7	5	180	994	-7	2	189
03	991	-5	3	180	999	-1	1	49	988	-2	2	27	988	-4	6	180	991	-8	3	161	992	-7	4	179	994	-5	1	180
06	992	-5	4	180	998	-1	1	360	986	-2	4	45	989	-6	8	172	991	-7	3	148	992	-7	5	180	994	-5	2	160
09	995	-6	5	180	997	-5	3	360	985	-5	4	12	990	-7	1	170	991	-8	2	161	992	-7	3	179	994	-7	1	45
12	996	-6	0	0	996	-8	4	360	986	-8	2	349	991	-9	5	180	991	-8	2	142	992	-7	4	206	994	-11	2	360
15	997	-7	2	188	995	-9	2	27	985	-7	1	360	991	-10	4	141	991	-8	2	180	992	-7	3	225	994	-12	1	360
18	998	-7	1	180	993	-6	3	45	985	-6	5	14	991	-11	3	155	992	-10	4	180	993	-7	2	225	993	-11	2	335
21	999	-5	2	141	992	-4	4	45	986	-3	2	349	991	-9	2	180	992	-8	3	172	993	-7	3	180	993	X	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	993	-5	1	289	985	-6	5	218	982	-5	2	186	986	-6	4	210	986	-7	6	180	984	-5	3	206	985	-6	3	225
03	991	-4	2	231	984	-8	5	218	982	-2	0	0	986	-5	2	203	986	-7	6	188	984	-5	2	260	984	-5	3	270
06	990	-5	2	288	984	-9	5	189	982	-6	1	111	986	-6	7	198	985	-6	6	191	983	-3	0	0	984	-4	3	235
09	989	-5	3	248	983	-9	3	222	983	-6	1	189	986	-7	7	180	985	-7	6	180	983	-5	3	129	984	-6	8	221
12	989	-7	6	197	983	-8	1	177	983	-6	0	0	986	-7	1	270	985	-7	4	180	984	-6	1	225	986	-7	8	201
15	988	-8	3	225	982	-8	1	149	983	-6	3	221	986	-6	1	218	984	-7	4	180	984	-7	3	225	986	-7	4	215
18	987	-8	3	260	982	-7	1	101	984	-6	6	189	985	-8	6	231	985	-7	4	190	984	-7	3	225	986	-9	3	270
21	986	-7	3	201	982	-5	0	0	985	-6	5	180	986	-7	6	180	985	-6	3	208	984	-5	3	225	987	-5	3	288
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	988	-3	2	270	988	-4	5	225	987	-4	3	12	995	-3	2	77	1004	-5	3	163	998	2	0	0	987	-7	4	180
03	988	-1	1	314	987	-5	6	225	987	-2	2	360	996	-3	2	149	1004	-4	3	187	996	-3	1	60	987	-5	6	176
06	988	X	0	0	987	-5	7	195	987	-3	4	37	997	-3	3	161	1003	-4	1	189	994	-3	0	0	987	-9	9	186
09	988	-6	2	231	987	-5	4	225	988	-5	5	14	999	-4	4	176	1003	-7	1	225	992	-7	1	69	988	-10	5	180
12	988	-10	3	270	987	-6	7	210	989	-9	3	8	1000	-6	6	184	1002	-9	2	215	991	-9	1	54	989	-10	6	198
15	988	-10	5	270	987	-6	2	225	991	-10	2	79	1001	-6	5	167	1001	-8	1	169	990	-9	1	42	989	-11	8	180
18	988	-4	2	219	987	-6	3	240	992	-8	1	90	1003	-6	3	180	1000	-8	0	0	989	-10	2	90	989	-10	5	197
21	988	-4	3	219	987	-3	0	0	994	-4	0	0	1004	-6	4	180	999	-8	0	0	988	-9	2	141	990	-9	4	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	990	-8	4	225	992	-8	4	225	X	X	X	X	984	-9	8	225	986	-8	1	360	991	-10	4	108	988	-8	6	195
03	990	-10	4	189	992	-8	3	251	986	-5	2	345	984	-9	8	225	987	-6	3	289	989	-5	3	360	988	-12	12	200
06	990	-10	5	198	992	-7	2	301	985	-8	2	309	984	-9	6	226	988	-7	3	280	989	-8	1	339	989	-12	13	180
09	990	-10	3	225	991	-10	4	298	985	-8	5	218	984	-8	5	225	989	-7	3	291	989	-10	3	301	989	-12	13	180
12	991	-13	3	246	991	-14	2	270	986	-13	4	225	985	-9	3	305	991	-11	2	149	988	-11	3	18	990	-12	12	180
15	990	-12	3	270	990	-14	2	352	985	-11	4	218	984	-12	0	0	992	-9	2	149	988	-10	0	0	991	-12	13	204
18	991	-10	3	225	989	-13	2	360	985	-11	7	225	985	-10	0	0	992	-10	4	135	987	-9	3	180	993	-12	10	180
21	991	-8	3	270	X	X	X	X	985	-10	5	251	985	-10	0	0	992	-10	6	97	987	-7	2	189	993	-11	10	189
		DAY	29			DAY	30			DAY	31																	
00	995	-10	10	198	996	-13	12	198	992	-9	6	198																
03	995	-10	14	201	995	-11	10	206	992	-8	6	180																
06	996	-10	9	200	995	-10	11	207	991	-8	8	186																
09	996	-11	9	180	994	-11	9	204	990	-11	5	187																
12	X	X	X	X	993	-12	10	225	990	-15	3	231																
15	996	-12	11	180	993	-13	9	189	988	-17	2	218																
18	996	-12	11	190	993	-12	8	201	988	-16	1	270																
21	997	-13	14	191	993	-10	9	189	987	-13	3	248																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -7.5 STD DEV = 2.9 MAX = 3.0 AT 357 GMT ON DAY 15 MIN = -17.1 AT 1543 GMT ON DAY 31
* PRESSURE (MB) * MEAN = 989.8 STD DEV = 4.9 MAX =1004.4 AT 138 GMT ON DAY 19 MIN = 981.4 AT 1835 GMT ON DAY 9
* WINDS (M/S) * MEAN = 3.9 STD DEV = 2.9 RESULTANT = 2.6 FROM 200. CONSTANCY = .68 MAX = 15.0 FROM 194. AT 619 GMT DAY 28
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.0 % PRESSURE: 1.2 % WINDS: 1.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	27	38	16	9	4	4	2	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	7	3	4	1	2	1	3	6	28	11	19	3	6	4	1	1

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	986	-10	6	225	985	-8	8	225	987	-6	4	198	988	-5	5	218	994	-2	0	0	994	-10	2	101	991	-3	3	45
03	985	-9	6	214	984	-7	9	225	987	-7	3	180	988	-5	4	225	994	-6	2	194	994	-7	2	96	990	-3	4	51
06	985	-10	4	225	984	-7	11	217	987	-6	3	204	989	-7	2	206	994	-3	0	0	993	-5	3	45	990	-3	3	42
09	985	-11	4	225	984	-7	9	225	987	-6	3	291	990	-10	2	179	994	-8	1	346	993	-5	4	45	989	-4	3	45
12	985	-13	4	225	985	-7	9	225	987	-9	2	270	990	-10	1	224	994	-12	2	11	992	-6	4	90	988	-7	2	90
15	985	-12	7	225	985	-7	9	225	987	-11	3	243	991	-9	1	225	995	-13	1	329	992	-7	3	77	987	-8	3	141
18	985	-11	6	225	985	-7	7	215	987	-10	4	225	992	-9	2	180	995	-15	2	69	992	-7	2	69	987	-8	4	131
21	985	-10	4	251	986	-7	7	225	988	-6	4	212	993	-8	1	180	995	-11	2	45	992	-5	3	54	987	-8	5	165
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	987	-9	8	180	988	-11	15	218	988	-12	16	218	992	-12	11	180	995	-12	5	180	991	-8	0	0	988	-14	3	84
03	987	-9	10	180	988	-11	14	225	987	-11	14	200	992	-12	9	180	995	-12	3	189	991	-11	2	141	987	-13	3	117
06	987	-9	10	186	988	-11	15	189	987	-11	14	218	993	-12	9	194	994	-14	1	231	991	-11	2	104	987	-14	4	90
09	988	-11	9	180	989	-11	15	189	988	-11	15	200	994	-13	6	180	994	-11	0	0	991	-10	0	0	987	-13	3	111
12	988	-12	9	180	988	-11	14	198	989	-12	13	206	994	-13	5	180	993	-13	1	323	991	-16	2	120	987	-12	0	0
15	989	-12	10	225	988	-11	13	207	989	-12	11	225	X	X	X	X	992	-16	2	360	990	-19	2	31	988	-13	2	145
18	989	-12	10	201	988	-11	15	198	990	-13	12	197	X	X	X	X	992	-17	2	360	989	-20	3	90	989	-13	3	141
21	988	-12	16	198	988	-12	14	201	991	-12	9	180	995	-14	5	180	991	-14	1	354	989	-16	4	54	990	-13	3	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	991	-13	4	180	994	-16	3	180	988	-17	5	219	979	-14	0	0	977	-12	1	339	979	-14	3	206	984	-12	2	250
03	992	-14	4	176	993	-15	2	211	987	-16	3	225	978	-16	2	193	977	-17	2	280	981	-18	5	225	984	-13	0	0
06	992	-17	2	180	993	-15	3	243	985	-16	0	0	978	-18	1	231	976	-15	3	301	982	-20	4	219	983	-17	1	45
09	992	-16	2	180	993	-18	5	224	984	-20	3	349	978	-22	1	170	976	-15	5	309	982	-15	6	225	983	-20	3	59
12	992	-16	0	0	992	-21	4	225	982	-23	3	1	978	-25	1	198	976	-13	4	243	982	-15	10	225	982	-20	3	45
15	992	-15	4	214	992	-23	5	225	980	-22	3	360	977	-26	2	231	976	-11	9	225	984	-16	4	218	981	-19	3	32
18	993	-16	2	181	991	-26	5	224	979	-22	2	330	978	-26	1	149	977	-12	7	215	984	-14	6	225	981	-17	3	45
21	993	-17	3	161	990	-22	4	225	979	-21	1	190	978	-20	1	225	977	-11	9	225	984	-13	6	214	980	-16	5	69
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	979	-14	7	60	981	-16	7	187	981	-17	2	180	981	-18	11	189	987	-20	1	180	988	-20	5	180	988	-23	1	76
03	979	-12	4	90	981	-16	6	195	980	-18	4	142	981	-17	12	218	987	-21	2	149	988	-20	5	195	988	-21	2	141
06	979	-13	5	90	981	-16	6	180	980	-18	4	149	981	-17	12	204	987	-24	2	231	988	-20	3	180	988	-26	2	208
09	979	-13	4	101	982	-17	4	198	979	-20	5	153	982	-17	11	225	987	-22	3	180	988	-21	2	214	987	-24	2	189
12	979	-18	6	153	982	-17	4	180	979	-20	7	180	983	-17	10	218	988	-22	2	141	988	-22	2	218	986	-23	2	155
15	979	-19	7	162	982	-18	0	0	979	-21	8	180	984	-18	9	180	988	-23	1	120	988	-23	3	189	985	-24	3	180
18	980	-19	8	180	982	-18	3	179	979	-20	11	186	986	-23	5	218	988	-23	0	0	988	-26	1	120	985	-27	2	186
21	981	-17	6	180	982	-17	1	170	978	-17	15	200	986	-23	3	180	988	-22	1	217	988	-23	2	135	984	-27	3	180

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -14.3 STD DEV = 5.6 MAX = -1.9 AT 609 GMT ON DAY 5 MIN = -28.1 AT 1632 GMT ON DAY 18
* PRESSURE (MB) * MEAN = 986.5 STD DEV = 5.0 MAX = 995.4 AT 2213 GMT ON DAY 11 MIN = 975.5 AT 936 GMT ON DAY 19
* WINDS (M/S) * MEAN = 4.8 STD DEV = 3.8 RESULTANT = 3.4 FROM 197. CONSTANCY = .72 MAX = 18.7 FROM 207. AT 46 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .9 % PRESSURE: .9 % WINDS: .9 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	21	36	15	9	8	5	3	4	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	1	6	3	5	3	4	4	24	12	27	2	1	1	1	2

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	988	-27	1	41	987	-23	4	167	975	-31	1	231	969	-27	3	301	975	-25	6	180	975	-27	6	180
03	984	-24	2	189	988	-24	0	0	986	-23	4	165	973	-30	1	260	969	-24	2	240	975	-27	4	141	974	-26	6	180
06	984	-25	2	243	988	-25	0	0	985	-23	2	180	972	-28	0	0	969	-24	3	190	976	-29	2	177	973	-26	6	180
09	985	-29	3	232	988	-27	1	37	983	-23	4	225	971	-29	1	12	970	-27	2	180	975	-29	3	180	972	-26	6	176
12	985	-30	2	243	988	-26	2	45	982	-29	4	208	970	-31	2	315	971	-30	2	251	975	-30	2	180	971	-26	6	180
15	985	-28	3	225	988	-33	2	94	980	-33	3	217	969	-32	0	0	972	-28	3	198	975	-30	2	180	968	-28	6	162
18	986	-28	3	180	988	-32	2	149	978	-35	5	180	969	-29	0	0	974	-29	5	170	975	-30	3	180	966	-33	5	189
21	987	-28	1	190	988	-26	5	141	977	-34	1	260	969	-27	3	309	975	-28	4	180	975	-29	4	180	965	-28	7	208
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	965	-27	13	225	971	-24	18	198	978	-28	5	62	976	-25	6	193	968	-26	21	235	977	-28	4	180	978	-31	1	22
03	965	-28	14	218	972	-23	16	180	978	-26	3	90	975	-25	4	225	970	-23	18	219	977	-26	5	210	978	-31	3	45
06	966	-26	17	225	974	-23	14	204	978	-26	6	90	974	-24	4	243	974	-22	13	225	977	-31	2	270	977	-31	5	42
09	967	-25	19	225	976	-24	8	189	978	-25	7	89	973	-22	5	225	976	-24	13	225	976	-31	1	225	976	-27	5	70
12	968	-24	19	218	977	-27	3	189	977	-24	7	111	973	-24	6	217	978	-29	9	218	976	-25	3	149	974	-25	6	90
15	969	-23	15	225	977	-29	3	180	976	-24	10	142	973	-25	10	233	978	-30	8	231	977	-27	4	122	972	-21	7	45
18	967	-24	20	214	978	-31	2	141	977	-26	7	161	970	-25	20	225	978	-33	5	243	977	-29	0	0	970	-16	10	55
21	970	-24	17	225	978	-31	3	48	977	-25	6	158	968	-26	21	225	977	-31	4	225	978	-32	1	257	968	-16	11	45
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	967	-13	9	51	979	-30	16	180	986	-34	3	180	992	-30	6	180	993	-35	1	149	986	-33	2	332	986	-31	2	45
03	967	-24	12	180	982	-32	14	180	985	-32	7	180	993	-30	7	180	991	-34	0	0	986	-31	3	353	987	-31	2	63
06	966	-25	15	186	985	-33	13	180	985	-36	9	180	994	-31	6	187	989	-36	2	270	985	-31	2	360	988	-32	1	54
09	967	-24	15	190	986	-34	8	190	987	-41	4	180	995	-33	4	181	988	-39	3	291	986	-28	1	225	989	-36	2	180
12	967	-26	15	180	987	-35	4	180	988	-39	2	243	995	-36	2	210	987	-36	4	235	986	-28	2	356	991	-31	4	180
15	969	-23	13	161	986	-36	3	225	989	-36	3	218	995	-36	1	180	986	-37	2	225	985	-31	3	350	992	-26	8	186
18	973	-26	13	180	987	-40	5	193	990	-35	4	198	994	-38	0	0	986	-36	2	231	985	-33	3	360	994	-28	9	191
21	977	-28	15	191	986	-40	2	206	991	-33	6	189	994	-34	2	163	986	-35	3	191	985	-32	2	37	995	-27	9	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	995	-30	8	180	980	-34	2	360	970	-22	0	0	969	-31	2	180	970	-38	0	0	966	-33	3	180	974	-37	0	0
03	995	-31	4	198	978	-31	3	360	969	-22	5	141	972	-34	7	195	967	-39	0	0	967	-32	5	180	975	-38	2	360
06	994	-33	0	0	978	-31	2	63	970	-24	5	180	973	-31	11	180	966	-41	0	0	968	-32	4	180	975	-40	3	339
09	992	-32	0	0	976	-35	2	69	970	-23	2	190	973	-28	13	205	964	-39	0	0	969	-34	2	207	975	-36	3	309
12	989	-38	4	360	975	-36	2	90	969	-27	2	206	973	-31	15	189	964	-35	0	0	971	-39	3	231	976	-37	3	338
15	986	-34	3	37	973	-34	4	141	968	-30	3	180	974	-36	8	203	964	-35	2	141	972	-41	2	248	975	-36	3	338
18	984	-28	1	82	971	-29	2	126	967	-29	1	180	973	-39	3	194	964	-34	5	170	973	-41	0	0	976	-36	3	330
21	981	-36	1	349	970	-25	0	0	968	-31	2	165	972	-40	2	231	965	-33	4	163	973	-40	2	283	975	-37	3	330
		DAY	29			DAY	30			DAY	31																	
00	976	-34	3	325	977	-34	4	218	983	-36	3	189																
03	975	-31	2	326	978	-33	4	201	984	-38	2	224																
06	976	-36	2	289	978	-31	6	180	985	-40	2	203																
09	976	-36	2	280	979	-33	4	225	986	-39	1	211																
12	976	-32	1	295	980	-36	3	225	986	-38	2	180																
15	976	-34	2	218	981	-36	3	198	987	-35	2	180																
18	976	-32	2	242	982	-36	3	208	987	-36	1	174																
21	976	-33	4	225	982	-35	3	225	987	-35	1	189																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -30.3 STD DEV = 5.2 MAX = -12.6 AT 225 GMT ON DAY 15 MIN = -42.1 AT 1023 GMT ON DAY 17
* PRESSURE (MB) * MEAN = 978.0 STD DEV = 8.1 MAX = 995.6 AT 9 GMT ON DAY 22 MIN = 963.6 AT 1038 GMT ON DAY 26
* WINDS (M/S) * MEAN = 4.9 STD DEV = 4.7 RESULTANT = 3.3 FROM 196. CONSTANCY = .67 MAX = 24.7 FROM 235. AT 757 GMT DAY 8
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	26	36	13	9	4	2	4	3	2	2	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	4	1	6	2	3	1	4	5	32	10	18	4	2	2	2	3

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	984	-38	3	225	986	-39	2	231	991	-40	1	260	990	-36	6	208	985	-38	0	0	988	-43	2	189
03	987	-33	1	231	984	-38	4	228	987	-37	0	0	991	-35	3	270	989	-36	6	180	985	-36	1	141	988	-43	1	231
06	986	-38	2	242	983	-39	4	218	988	-35	0	0	991	-39	0	0	988	-37	2	180	984	-37	3	180	988	-46	0	0
09	986	-37	2	251	984	-42	2	239	988	-33	2	225	991	-40	1	225	988	-41	2	225	985	-41	3	180	988	-44	0	0
12	985	-40	2	226	984	-41	3	189	989	-31	1	208	990	-38	4	203	987	-42	2	208	985	-42	3	188	987	-45	2	69
15	984	-38	3	231	984	-40	3	174	990	-37	2	270	990	-39	3	198	986	-42	0	0	986	-43	0	0	986	-40	2	84
18	984	-39	2	225	984	-38	2	180	990	-39	2	295	990	-39	5	198	986	-41	1	225	986	-42	3	218	984	-37	4	79
21	984	-39	3	224	985	-42	2	180	991	-37	2	270	989	-35	8	201	985	-39	1	180	987	-43	2	225	983	-36	4	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	983	-39	9	180	981	-38	15	180	959	-45	3	90	960	-47	1	180	966	-34	6	225	973	-40	4	225	978	-34	6	228
03	985	-36	14	194	980	-36	12	189	957	-45	2	22	961	-47	0	0	967	-41	6	180	975	-39	5	225	977	-30	7	225
06	987	-37	11	184	977	-36	14	211	956	-45	2	90	961	-44	0	0	968	-41	6	186	977	-38	5	218	976	-27	14	225
09	988	-39	13	180	974	-38	7	193	955	-40	2	111	961	-42	2	13	969	-42	3	198	977	-35	5	194	977	-26	13	225
12	988	-39	12	189	972	-42	3	206	955	-40	7	153	961	-44	2	360	970	-42	5	204	978	-38	3	243	977	-28	13	207
15	987	-40	14	180	968	-43	1	360	957	-36	7	128	962	-40	0	0	971	-43	3	225	978	-39	3	218	977	-30	7	189
18	985	-38	15	205	965	-47	3	55	958	-41	3	189	964	-35	3	172	972	-41	4	251	977	-38	3	243	976	-26	14	225
21	984	-41	17	195	962	-46	3	68	959	-47	2	221	965	-38	1	260	972	-38	4	225	977	-35	6	235	979	-35	12	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	982	-39	12	214	987	-35	5	189	974	-19	11	225	969	-30	12	198	980	-22	2	231	992	-31	8	180	985	-28	3	338
03	982	-35	4	242	986	-35	4	211	970	-21	7	238	973	-32	13	206	981	-25	1	280	992	-30	5	189	985	-26	2	12
06	984	-34	9	218	984	-34	2	287	964	-16	17	221	975	-31	13	197	983	-24	1	141	992	-33	3	208	984	-26	3	31
09	984	-31	7	225	985	-36	6	225	962	-17	19	225	976	-30	6	170	985	-26	2	218	991	-35	1	170	983	-24	0	0
12	986	-33	5	231	986	-40	5	218	960	-15	14	225	977	-31	1	218	987	-29	4	180	989	-36	1	349	983	-22	0	0
15	984	-31	7	238	984	-40	3	259	960	-14	16	225	977	-32	1	346	989	-30	4	200	988	-31	3	360	983	-23	3	120
18	985	-27	8	210	980	-32	6	233	962	-13	17	218	977	-29	3	37	990	-31	6	218	986	-28	5	354	983	-24	5	141
21	987	-36	7	225	976	-24	9	225	963	-14	14	225	978	-26	3	8	991	-30	8	206	986	-28	3	360	984	-27	4	114
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	986	-31	1	170	991	-36	3	281	989	-39	0	0	985	-42	3	231	985	-44	2	231	981	-36	7	221	980	-40	5	225
03	988	-32	3	218	991	-34	3	203	987	-40	3	278	984	-41	4	210	985	-44	2	270	982	-41	5	225	979	-41	5	233
06	989	-32	8	180	990	-33	6	180	985	-41	4	225	983	-36	7	222	985	-44	1	283	983	-41	4	228	978	-40	6	225
09	990	-33	6	170	991	-36	6	180	986	-42	3	225	983	-36	6	218	958	-41	3	314	983	-41	3	206	978	-39	6	222
12	991	-33	7	193	990	-34	9	183	985	-41	3	225	982	-35	9	218	983	-42	2	280	983	-42	3	218	977	-40	4	219
15	991	-35	5	180	991	-34	5	184	985	-41	4	219	984	-39	4	198	983	-40	2	270	982	-44	2	207	976	-39	3	225
18	991	-39	1	270	989	-37	4	170	985	-39	5	197	984	-40	5	184	982	-38	1	315	981	-44	3	231	975	-39	4	207
21	991	-37	3	251	989	-40	2	270	985	-43	3	243	985	-43	3	240	982	-41	1	260	981	-43	4	246	974	-39	4	225
		DAY	29			DAY	30																					
00	973	-42	2	270	966	-22	10	224																				
03	972	-41	3	309	968	-24	7	225																				
06	970	-41	3	214	967	-22	8	225																				
09	969	-36	2	243	971	-25	4	231																				
12	968	-29	5	270	971	-25	6	225																				
15	967	-27	8	225	972	-23	10	225																				
18	966	-24	11	243	975	-33	13	180																				
21	965	-20	9	233	978	-37	11	212																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.7 STD DEV = 6.9 MAX = -12.7 AT 1730 GMT ON DAY 17 MIN = -49.7 AT 804 GMT ON DAY 11
* PRESSURE (MB) * MEAN = 980.0 STD DEV = 9.3 MAX = 992.0 AT 7 GMT ON DAY 20 MIN = 955.1 AT 1136 GMT ON DAY 10
* WINDS (M/S) * MEAN = 4.9 STD DEV = 4.0 RESULTANT = 4.0 FROM 211. CONSTANCY = .81 MAX = 23.5 FROM 218. AT 543 GMT DAY 17
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	20	36	17	9	4	3	5	2	2	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	2	1	1	2	1	2	0	19	15	36	7	8	1	1	1

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	978	-35	8	225	983	-42	5	218	983	-36	5	270	961	-33	0	0	965	-28	16	225	970	-36	5	231	973	-41	0	0
03	977	-32	10	221	983	-40	4	174	981	-31	5	269	958	-30	0	0	968	-28	11	206	971	-38	3	251	972	-39	0	0
06	978	-31	12	206	984	-43	5	206	977	-32	4	284	959	-32	0	0	968	-31	9	228	972	-40	3	225	971	-39	0	0
09	979	-31	12	180	985	-44	2	225	972	-31	6	315	960	-29	0	0	968	-30	9	218	972	-39	4	221	969	-39	2	315
12	979	-32	8	198	985	-42	3	180	965	-30	5	339	960	-28	1	225	968	-31	8	225	973	-35	4	218	966	-40	3	359
15	980	-36	4	231	986	-44	3	273	961	-28	3	349	958	-24	15	225	969	-35	6	225	973	-35	1	270	964	-40	1	69
18	980	-40	5	225	986	-38	3	231	961	-35	4	6	958	-23	22	225	970	-36	9	225	974	-37	3	270	966	-42	0	0
21	981	-39	4	198	987	-39	4	231	962	-26	0	0	961	-27	21	225	971	-36	8	210	974	-39	0	0	966	X	3	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	966	-39	3	215	972	-39	3	288	976	-33	11	188	991	-36	4	218	991	-40	2	168	990	-44	4	180	997	-37	6	180
03	968	-37	13	189	970	-24	6	270	978	-36	3	238	991	-38	3	231	991	-43	2	212	992	-45	3	180	998	-37	7	180
06	970	-33	11	194	969	-24	7	231	981	-33	8	180	991	-38	4	225	990	-39	1	218	992	-43	3	172	998	-39	5	180
09	972	-34	5	206	968	-25	11	226	984	-36	3	225	992	-39	2	231	990	X	2	180	993	-42	2	173	999	-44	2	218
12	973	-41	2	260	969	-26	5	229	987	-36	3	239	992	-41	3	225	989	-41	1	180	994	-45	3	198	1000	-46	0	0
15	973	-35	2	231	968	-20	12	206	988	-33	4	191	992	-39	2	197	989	-34	3	225	995	-41	2	180	1000	-47	2	243
18	973	-40	3	270	968	-22	13	198	990	-34	5	206	992	-40	2	206	988	-37	5	231	995	-40	5	233	1000	-49	2	225
21	973	-39	4	263	971	-27	11	180	991	-33	4	243	992	-38	2	180	989	-41	6	189	997	-35	6	204	999	-49	1	245
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	998	-49	1	270	991	-44	0	0	990	-42	0	0	1002	-37	0	0	998	-35	0	0	981	-22	17	218	979	-16	6	218
03	997	-48	1	315	990	-37	0	0	991	-42	0	0	1003	-41	0	0	996	-30	9	189	979	-21	17	211	980	-19	3	122
06	996	-48	2	260	989	-44	0	0	993	-42	0	0	1004	-40	0	0	995	-28	11	206	977	-21	19	225	981	-22	8	87
09	996	-46	1	255	989	-47	0	0	994	-34	0	0	1004	-37	0	0	993	-27	12	225	975	-19	18	218	982	-24	5	107
12	994	-43	2	270	989	-44	0	0	996	-36	0	0	1005	-38	0	0	992	-26	12	211	976	-17	19	225	984	-24	9	141
15	993	-42	2	267	989	-42	0	0	998	-35	0	0	1004	-35	0	0	989	-29	11	214	975	-16	15	212	984	-27	5	141
18	992	-44	2	270	989	-45	0	0	999	-34	0	0	1002	-39	0	0	987	-26	11	180	975	-14	19	211	984	-32	3	210
21	991	-41	2	289	990	-45	0	0	1000	-32	0	0	1000	-37	0	0	984	-24	14	225	977	-16	10	231	985	-32	4	307
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	985	-33	1	45	992	-34	4	360	997	-35	0	0	1006	-40	3	260	1000	-31	6	177	1001	-43	3	121	989	-39	0	0
03	985	-32	6	141	992	-33	3	330	997	-33	4	231	1007	-40	2	270	1002	-33	9	141	998	-43	3	141	989	-35	4	79
06	986	-30	3	103	993	-35	1	135	998	-32	6	180	1007	-38	1	283	1003	-33	8	180	996	-39	7	141	989	-33	4	141
09	987	-33	2	104	994	-38	3	55	998	-31	8	180	1006	-38	1	22	1004	-35	10	177	994	-38	3	161	991	-33	0	0
12	988	-35	2	305	995	-38	0	0	1000	-34	7	211	1005	-37	3	45	1004	-39	6	180	992	-41	2	186	992	-33	0	0
15	990	-38	3	90	996	-38	2	94	1002	-37	4	189	1003	-33	6	45	1004	-42	2	249	992	-44	1	206	993	-32	1	236
18	992	X	3	116	997	-38	1	141	1002	-34	8	181	1001	-32	6	90	1004	-40	2	260	991	-45	1	225	994	-32	0	0
21	992	-31	5	360	997	-32	0	0	1005	-38	3	231	1001	-31	1	288	1002	-43	0	0	990	-41	3	22	995	-32	0	0
		DAY	29			DAY	30			DAY	31																	
00	996	-34	1	149	998	-40	1	54	988	-31	1	54																
03	996	-37	1	4	997	-42	2	90	988	-30	2	90																
06	996	-40	3	135	996	-41	2	176	987	-30	2	141																
09	997	-38	2	90	995	-40	1	111	987	-30	2	160																
12	998	-36	0	0	993	-37	0	0	987	-41	3	180																
15	998	-35	2	149	992	-34	0	0	987	-41	3	225																
18	998	-35	1	239	991	-32	0	0	986	-40	8	225																
21	998	-35	1	150	990	-33	1	161	986	-41	4	222																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.4 STD DEV = 6.7 MAX = -14.4 AT 1753 GMT ON DAY 20 MIN = -50.1 AT 2156 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 986.7 STD DEV = 12.2 MAX =1007.1 AT 403 GMT ON DAY 25 MIN = 957.5 AT 1319 GMT ON DAY 4
* WINDS (M/S) * MEAN = 4.2 STD DEV = 4.4 RESULTANT = 3.0 FROM 209. CONSTANCY = .71 MAX = 26.3 FROM 218. AT 2108 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	39	24	14	7	5	4	2	2	1	2	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	1	3	1	4	4	6	4	17	12	28	5	9	3	3	1

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	985	-42	4	198	980	-35	5	280	980	-34	7	224	974	-28	9	201	982	-26	6	236	989	-32	7	180	985	-40	0	0
03	985	-46	3	280	980	-40	3	289	981	-42	5	225	975	-32	9	189	981	-26	10	207	989	-35	5	180	986	-38	2	89
06	984	-47	0	0	981	-35	7	221	981	-45	4	225	976	-33	5	218	983	-26	7	225	991	-39	4	215	987	-37	1	232
09	983	-45	3	339	981	-39	3	225	979	-45	3	281	976	-26	9	225	983	-25	9	225	990	-40	3	243	989	-38	1	225
12	982	-43	2	180	981	-40	3	224	976	-36	5	251	977	-29	9	198	982	-23	14	208	989	-38	3	231	991	-33	7	218
15	982	-44	2	260	982	-43	3	180	974	-32	7	225	980	-31	7	180	982	-23	20	208	988	-34	4	249	991	-31	13	206
18	981	-42	2	270	982	-45	4	242	974	-28	11	225	981	-33	5	225	986	-32	14	187	986	-37	2	329	992	-32	13	187
21	981	-41	3	289	982	-44	2	225	973	-26	9	197	980	-27	11	225	987	-31	10	180	986	-36	1	12	991	-32	4	179
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	989	-32	3	225	978	-17	14	212	980	-17	9	189	992	-24	9	191	996	-24	9	180	986	-36	2	13	974	-39	4	160
03	986	-28	9	225	975	-15	18	225	980	-15	11	210	996	-23	8	180	995	-26	8	180	982	-33	3	65	976	-40	6	214
06	983	-21	13	225	974	-15	19	218	979	-15	13	225	998	-25	4	231	993	-28	6	180	978	-32	6	45	978	-38	8	180
09	984	-23	8	179	975	-14	17	203	979	-15	14	225	999	-26	3	206	993	-28	3	184	974	X	3	143	980	-36	10	225
12	981	-22	13	218	976	-14	13	189	978	-14	17	218	999	-23	2	153	991	-31	4	225	974	-33	8	181	982	-36	9	231
15	981	-22	11	225	977	-15	12	205	980	-15	16	225	998	-27	0	0	989	-36	2	243	974	-36	7	180	984	-35	13	225
18	978	-20	14	180	980	-20	6	180	982	-17	13	198	998	-26	5	218	988	-37	1	243	973	-38	6	189	986	-34	19	225
21	978	-19	15	203	981	-18	8	198	987	-23	13	189	997	-24	6	191	987	-39	2	270	975	-38	2	189	987	-34	20	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	991	-36	17	218	991	-42	4	189	986	-41	2	135	964	-33	11	180	982	-42	0	0	980	-36	8	141	986	-43	6	180
03	992	-36	13	204	990	-48	3	225	982	-39	3	141	967	-33	11	180	982	-42	1	339	980	-37	8	180	984	-44	1	158
06	994	-37	10	183	991	-43	4	194	980	-38	3	120	968	-37	8	180	982	-43	5	45	982	-38	6	180	981	-46	2	111
09	994	-40	3	189	990	-44	3	290	978	-41	3	100	971	-40	5	225	982	-44	3	90	982	-42	5	180	976	-44	6	79
12	995	-44	2	289	990	-47	3	189	974	-39	3	80	972	-38	12	195	981	-42	5	69	981	-42	6	180	972	-43	4	115
15	994	-43	3	270	990	-41	2	120	971	-37	6	90	976	-37	16	225	981	-43	4	135	983	-42	9	225	969	-46	4	189
18	993	-43	3	269	989	-40	0	0	968	-33	2	189	979	-38	10	206	980	-40	8	141	985	-42	13	225	970	-46	9	180
21	992	-41	3	222	988	-45	2	159	965	-32	6	205	982	-41	2	270	978	-36	7	141	986	-43	10	210	972	-42	8	170
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	975	-43	7	156	983	-48	7	233	X	X	X	X	961	-41	1	225	972	-40	2	324	983	-36	6	198	980	-35	11	200
03	976	-44	15	200	983	-47	3	228	X	X	X	X	963	-43	2	189	971	-28	4	243	984	-36	4	198	977	-34	11	189
06	980	-44	15	180	983	-47	2	195	969	-48	4	335	966	-46	4	200	971	-24	12	225	985	-39	4	225	975	-30	8	233
09	982	-43	14	189	982	-49	1	116	966	-45	4	309	969	-49	5	238	973	-27	8	197	985	-36	5	180	973	-32	9	225
12	982	-43	15	204	980	-51	2	72	963	-45	3	339	970	-49	2	239	975	-30	6	180	985	-33	8	183	971	-35	5	225
15	983	-44	12	210	979	-53	3	135	962	X	1	349	969	-44	1	270	977	-33	5	180	983	-32	13	180	968	-34	3	189
18	983	-44	10	206	978	-53	3	51	960	-45	3	48	969	-43	1	90	979	-34	4	180	982	-32	11	193	966	-36	2	64
21	983	-45	6	218	977	-53	2	22	960	-44	2	278	972	-43	0	0	981	-35	5	191	981	-32	11	180	966	-38	2	53
		DAY	29			DAY	30																					
00	965	-36	3	111	970	-24	7	215																				
03	967	-41	2	180	970	-26	8	225																				
06	968	-37	3	243	970	-24	16	225																				
09	968	-33	7	219	970	-25	20	218																				
12	968	-37	5	225	972	-26	19	198																				
15	968	-34	3	260	976	-28	14	225																				
18	969	-32	2	218	977	-29	11	180																				
21	968	-26	7	225	977	-32	13	180																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.2 STD DEV = 8.8 MAX = -12.9 AT 1220 GMT ON DAY 9 MIN = -53.4 AT 1548 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 980.1 STD DEV = 8.2 MAX = 999.2 AT 1036 GMT ON DAY 11 MIN = 960.1 AT 1937 GMT ON DAY 24
* WINDS (M/S) * MEAN = 6.7 STD DEV = 4.7 RESULTANT = 5.5 FROM 204. CONSTANCY = .82 MAX = 23.3 FROM 218. AT 1818 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.7 % PRESSURE: .8 % WINDS: .8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	13	26	16	12	10	6	8	5	2	2	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	1	2	2	3	3	3	2	26	15	28	4	5	2	1	2

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	977	-33	12	204	979	-44	2	180	986	-34	7	225	995	-29	11	225	988	-37	4	360	987	-32	5	149	1000	-39	4	225
03	978	-34	8	225	980	-44	3	294	987	-29	8	251	995	-30	7	270	982	-31	6	45	990	X	2	270	1000	-36	6	206
06	976	-34	9	225	981	-44	5	263	987	-27	14	225	994	-26	14	212	973	-29	7	360	993	-36	3	326	999	-36	6	225
09	977	-38	5	218	982	-34	7	270	987	-28	16	225	995	-25	14	204	969	-26	3	350	995	-37	2	309	998	-36	8	197
12	977	-38	3	251	982	-30	5	270	989	-30	10	225	996	-26	14	210	972	-29	10	180	998	-36	0	0	997	-39	5	245
15	976	-40	2	181	982	-31	11	225	991	-30	6	206	995	-28	8	225	975	-29	14	183	999	-38	4	225	995	-41	4	225
18	977	-43	2	330	983	-31	9	224	991	-29	8	228	994	-32	2	206	979	-32	7	180	1000	-39	3	243	993	-40	5	225
21	977	-40	2	57	984	-31	8	225	993	-31	9	211	991	-33	2	269	984	-33	6	180	1001	-40	3	225	991	-41	3	242
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	989	-39	2	206	987	-37	9	201	975	-41	4	360	989	-44	1	101	994	-32	0	0	1005	-31	11	197	1014	-39	3	64
03	987	-39	0	0	986	-36	8	225	975	-46	3	55	991	-48	0	0	995	-34	1	141	1006	-33	8	180	1016	-38	0	0
06	985	-41	3	360	985	-38	7	225	976	-46	3	6	991	-48	0	0	997	-33	2	195	1008	-36	6	198	1018	-39	2	180
09	984	-38	4	3	984	-39	6	225	977	-47	4	69	992	-49	2	45	998	-35	5	190	1009	-39	3	211	1019	-37	4	170
12	984	-43	3	291	981	-40	4	219	979	-45	3	90	993	-48	2	349	999	-35	3	180	1010	-41	0	0	1020	-36	5	155
15	984	-38	3	225	979	-44	0	0	982	-45	3	69	993	-39	3	349	1000	-36	5	231	1011	-44	2	309	1020	-34	6	129
18	985	-41	6	218	977	-46	4	354	984	-45	2	132	993	-35	1	360	1001	-31	11	198	1011	-44	0	0	1021	-35	5	170
21	985	-38	12	180	976	-45	2	360	987	-48	2	111	994	-34	2	23	1003	-32	12	205	1013	-39	3	90	1021	-35	6	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1022	-35	2	188	1020	-45	3	289	1001	-43	1	180	1005	-52	3	242	X	X	X	X	X	X	X	X	980	X	3	141
03	1022	-39	3	225	1018	-39	1	45	1000	-48	3	250	1005	-53	3	221	1004	-54	4	228	992	-52	3	180	X	X	X	X
06	1022	-43	3	180	1017	-46	2	45	1000	-49	2	301	1004	-54	2	180	1002	-55	1	243	990	-54	2	260	980	-51	1	180
09	1022	-45	2	180	1015	-46	4	21	1001	-48	0	0	1005	-55	3	233	1001	-53	2	225	987	-53	2	225	980	-50	2	173
12	1022	-42	5	225	1013	-43	4	360	1000	-43	4	169	1006	-54	3	180	999	-54	3	243	985	-52	2	180	981	-53	1	239
15	1022	-46	5	225	1010	-46	1	360	1002	-42	4	180	1005	-50	4	214	998	-51	3	233	983	X	2	149	981	-50	0	0
18	1021	-46	3	211	X	-45	3	360	1003	-45	3	189	1006	-53	3	360	996	-49	3	315	982	-48	2	124	981	-53	2	360
21	1021	-49	3	280	1004	-46	4	13	1004	-51	3	161	1005	-52	3	233	995	-48	4	180	980	-51	2	173	981	-52	3	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	981	-52	2	349	988	-36	6	315	991	-42	3	280	987	-47	1	280	971	-36	5	235	966	X	5	218	970	-32	3	309
03	X	X	X	X	988	-36	7	309	992	-42	4	189	983	-48	2	301	970	-36	3	231	966	-39	1	238	971	-29	5	270
06	983	-48	3	360	988	-36	6	309	992	-43	4	198	979	-37	5	270	969	-38	3	225	966	-39	3	281	973	-34	8	207
09	984	-46	5	345	988	-34	6	349	991	-44	4	181	978	-28	8	225	968	-37	3	225	965	-33	4	225	975	-36	5	225
12	985	-50	4	336	988	-37	5	315	991	-46	2	225	976	-27	7	198	967	-34	5	240	964	-33	4	225	976	-38	4	225
15	986	-45	4	325	989	-38	7	309	990	-48	2	221	975	-32	4	225	967	-36	6	221	967	-31	6	205	977	-41	3	231
18	986	-41	5	309	990	-39	4	336	989	-49	2	225	973	-33	4	225	966	-36	5	225	968	-31	6	201	978	-42	3	245
21	987	-36	5	309	990	-41	4	301	987	-48	2	266	972	-35	2	225	966	-39	2	270	969	-31	7	225	979	-37	7	211
		DAY	29			DAY	30			DAY	31																	
00	980	-37	4	225	978	-27	16	205	981	-33	8	189																
03	980	-36	4	225	979	-27	13	180	982	-36	6	243																
06	979	-34	5	243	980	-30	9	180	981	-39	4	251																
09	978	-26	13	233	980	-31	6	203	980	-37	4	225																
12	979	-28	12	198	981	-37	3	218	979	-36	3	189																
15	979	-31	9	225	980	-37	3	225	979	-42	2	212																
18	979	-28	9	225	980	-32	6	225	978	-45	1	239																
21	978	-26	14	207	980	-34	6	225	977	-38	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -39.3 STD DEV = 7.4 MAX = -24.2 AT 952 GMT ON DAY 4 MIN = -55.4 AT 542 GMT ON DAY 19
* PRESSURE (MB) * MEAN = 989.4 STD DEV = 14.1 MAX =1022.4 AT 354 GMT ON DAY 15 MIN = 964.5 AT 1201 GMT ON DAY 27
* WINDS (M/S) * MEAN = 4.6 STD DEV = 3.2 RESULTANT = 3.0 FROM 222. CONSTANCY = .64 MAX = 18.4 FROM 197. AT 2223 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 3.2 % PRESSURE: 2.0 % WINDS: 1.6 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	18	37	23	9	5	2	4	2	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	9	1	2	2	1	0	3	2	15	13	29	7	6	3	6	2

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	976	-44	3	180	982	-40	3	270	984	-47	14	180	963	-25	19	201	962	-28	10	189	966	-25	15	225	965	-24	8	225
03	977	-43	4	180	982	-38	3	260	982	-43	14	198	962	-26	12	189	963	-28	9	205	967	-27	19	225	964	-23	9	225
06	978	-38	6	212	983	-44	4	218	980	-40	13	189	963	-28	12	204	962	-29	11	208	966	-25	19	205	963	-22	16	225
09	979	-35	11	189	984	-45	6	210	977	-38	16	225	962	-27	14	189	963	-31	11	225	966	-26	21	198	963	-22	17	225
12	981	-40	2	225	985	-48	4	198	973	-34	15	218	962	-26	13	198	963	-28	13	225	968	-26	18	225	965	-25	10	193
15	981	-42	0	0	985	-48	8	180	969	-31	17	225	961	-26	15	214	964	-26	13	218	968	-25	13	225	968	-29	13	180
18	980	-44	0	0	985	-47	8	180	967	-28	19	225	962	-28	11	195	965	-26	12	204	968	-25	8	221	970	-30	16	225
21	981	-38	1	266	984	-47	13	180	964	-26	20	225	962	-28	12	189	966	-26	14	218	966	-24	9	210	971	-27	13	211
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	970	-25	6	226	982	-32	11	191	977	-22	13	189	962	-18	19	225	966	-19	19	208	971	-21	9	198	983	-20	9	218
03	970	-22	7	180	983	-32	14	198	976	-20	12	225	958	-16	23	204	966	-18	9	224	974	-24	13	188	983	-24	8	204
06	970	-27	6	180	984	-33	12	198	973	-20	16	225	962	-19	13	180	964	-20	8	218	977	-21	11	190	981	-28	2	212
09	973	-33	6	194	984	-30	13	180	973	-21	15	225	965	-22	11	180	964	-23	10	225	980	-20	10	180	980	-30	5	210
12	975	-37	5	225	983	-28	14	204	972	-21	13	225	966	-21	11	180	964	-19	17	217	982	-21	10	225	979	-29	8	225
15	977	-39	4	212	983	-25	13	225	970	-24	15	197	967	-20	15	207	964	-17	20	218	983	-21	12	198	977	-25	12	225
18	979	-40	5	225	981	-22	13	225	968	-23	17	225	967	-20	16	218	966	-17	20	225	985	-22	9	218	976	-25	12	207
21	981	-35	5	180	979	-22	13	225	964	-18	24	221	968	-19	15	225	968	-19	16	206	984	-21	12	218	974	-26	13	211
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	973	-25	9	225	958	-30	4	360	966	-27	4	312	979	-27	12	201	986	-33	5	225	980	-40	3	197	981	-40	0	0
03	971	-29	4	198	959	-27	0	0	968	-24	3	309	980	-29	10	218	986	-30	9	200	979	-33	2	270	984	-42	0	0
06	968	-32	3	145	960	-28	1	309	970	-24	13	225	981	-31	8	207	986	-32	7	180	978	-34	3	141	987	-45	5	180
09	965	-33	2	101	960	-30	3	312	973	-28	8	225	983	-32	6	225	986	-34	5	165	977	-39	3	45	989	-37	8	180
12	961	-26	4	54	961	-32	1	309	975	-27	7	232	985	-35	4	225	985	-38	3	218	977	-35	4	42	991	-37	8	180
15	960	-24	4	45	963	-32	1	309	976	-26	10	225	984	-35	5	225	984	-37	1	233	976	-33	3	45	992	-39	7	200
18	958	-24	1	360	964	-31	4	309	976	-26	9	218	985	-35	4	251	982	-37	4	243	977	-35	3	45	992	-36	11	197
21	958	-27	0	0	966	-31	1	309	978	-27	10	180	985	-35	4	225	981	-35	4	225	979	-37	4	360	992	-37	12	218
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	991	-39	4	218	982	-42	3	141	977	-48	4	90	984	-48	7	194	967	-33	10	225	968	-38	2	359	967	-21	12	218
03	989	-38	2	257	981	-43	1	270	977	X	4	339	983	-47	14	225	967	-34	10	235	969	-44	0	0	967	-24	12	225
06	986	-40	0	0	981	-47	1	193	979	-45	3	45	981	-47	17	218	967	-35	4	225	969	-39	2	289	967	-26	9	189
09	984	-43	0	0	981	-48	2	90	979	-45	4	360	979	-45	17	225	967	-36	3	243	968	-31	4	309	968	-26	9	189
12	981	-43	5	45	980	-47	1	90	980	-43	4	90	976	-42	20	225	967	-38	3	232	968	-28	2	309	969	-26	8	180
15	980	-39	5	45	979	-46	2	54	981	-47	2	170	974	-39	13	201	968	-41	4	309	967	-21	8	236	971	-26	6	180
18	981	-42	2	49	978	-48	1	113	982	-49	3	180	971	-36	15	225	967	-39	4	311	967	-20	11	225	973	-26	7	180
21	981	-45	1	45	978	-48	3	93	983	-49	3	183	969	-35	13	225	968	-39	1	309	966	-20	13	201	975	-26	9	180
		DAY	29			DAY	30			DAY	31																	
00	977	-26	9	190	988	-30	1	180	992	-35	0	0																
03	979	-27	8	198	989	-31	0	0	992	-32	0	0																
06	980	-28	9	180	989	-32	0	0	992	-32	7	173																
09	982	-29	5	180	990	-38	0	0	993	-31	7	180																
12	983	-30	7	195	990	-38	1	45	994	-32	7	161																
15	984	-30	4	172	991	-38	2	39	995	-33	4	180																
18	985	-29	3	165	991	-37	2	45	996	-33	4	152																
21	987	-29	2	149	992	-35	1	45	997	-34	2	246																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -31.6 STD DEV = 8.3 MAX = -16.0 AT 334 GMT ON DAY 11 MIN = -50.4 AT 2200 GMT ON DAY 24

* PRESSURE (MB) * MEAN = 975.4 STD DEV = 9.3 MAX = 996.5 AT 2054 GMT ON DAY 31 MIN = 957.5 AT 2034 GMT ON DAY 15

* WINDS (M/S) * MEAN = 8.0 STD DEV = 5.6 RESULTANT = 6.9 FROM 209. CONSTANCY = .85 MAX = 26.5 FROM 211. AT 2018 GMT DAY 3

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	15	17	13	8	11	8	13	6	4	3	2	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	0	7	0	3	0	1	2	20	20	34	2	2	0	6	0

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	996	-34	4	189	993	-41	2	231	997	-48	3	143	997	-34	9	174	992	-43	4	180	976	-51	4	180	971	-33	14	217
03	996	-34	2	180	993	-41	1	201	998	-47	1	120	997	-35	8	180	990	-44	1	180	975	-47	4	179	970	-30	15	225
06	996	-34	2	201	992	-44	0	0	999	-45	0	0	996	-35	9	180	987	-47	2	141	975	-46	7	189	971	-29	8	225
09	995	-33	5	207	992	-43	1	214	1000	-46	1	198	994	-37	13	180	985	-47	1	111	975	-46	12	180	972	-29	6	225
12	994	-36	4	180	992	-43	1	233	1000	-44	2	153	993	-38	12	198	983	-49	3	198	974	-45	16	203	973	-28	6	243
15	994	-39	5	180	993	-47	3	189	1000	-37	5	90	993	-38	10	198	980	-50	3	141	972	-42	12	218	974	-31	3	243
18	993	-40	3	201	994	-50	2	198	999	-35	5	124	993	-40	11	206	979	-52	2	161	970	-34	16	225	975	-33	0	0
21	993	-44	3	252	996	-50	2	231	998	-34	9	141	992	-41	10	205	977	-52	4	165	970	-33	15	225	977	-34	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	978	-35	0	0	984	-39	4	141	977	-35	14	206	980	-39	1	153	975	-36	6	145	978	-41	9	206	982	-46	4	233
03	980	-37	0	0	985	-39	1	239	977	-35	13	189	980	-37	0	0	977	-36	4	180	978	-42	7	198	982	-45	4	218
06	981	-36	0	0	985	-41	4	177	978	-37	15	198	978	-37	5	90	977	-39	6	225	979	-44	6	190	982	-43	7	225
09	982	-38	0	0	986	-41	4	197	979	-38	15	207	977	-34	3	97	977	-40	6	206	980	-45	5	180	981	-45	4	217
12	981	-36	8	45	984	-39	6	180	980	-36	13	206	976	-34	4	82	977	-41	6	201	981	-48	3	225	980	-47	3	217
15	982	-36	4	45	981	-35	8	180	981	-38	9	189	975	-34	4	90	977	-41	6	206	981	-49	3	212	979	-47	3	225
18	982	-39	5	49	979	-32	9	198	981	-40	5	260	974	-35	4	120	977	-40	11	198	982	-49	4	225	979	-46	2	225
21	983	-43	3	141	977	-36	14	198	981	-42	3	238	974	-37	4	141	978	-42	8	198	982	-49	3	235	978	-47	3	236
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	978	-42	4	221	975	-41	7	225	979	-40	4	225	977	-35	6	270	966	-32	15	198	974	-29	12	214	971	-29	11	204
03	977	-43	4	225	976	-39	5	239	981	-40	4	208	975	-34	5	270	968	-30	12	225	975	-29	11	195	970	-29	8	198
06	976	-44	4	251	976	-42	4	231	981	-41	4	210	972	-32	9	280	968	-27	7	180	976	-28	7	198	969	-32	4	245
09	976	-43	3	225	976	-41	4	225	983	-45	3	238	968	-32	4	287	967	-26	3	169	975	-28	8	180	967	-35	2	225
12	975	-41	7	225	976	-39	8	225	983	-40	7	225	966	-32	5	309	967	-24	1	184	974	-26	13	212	964	-34	0	0
15	975	-42	5	222	977	-40	7	235	982	-41	5	225	963	-32	4	309	966	-24	3	239	973	-28	10	210	961	-36	0	0
18	975	-41	4	180	977	-42	3	224	981	-41	5	218	960	-27	9	309	968	-33	5	225	973	-30	9	225	958	-34	6	45
21	975	-43	3	243	978	-41	4	225	979	-42	4	270	961	-26	8	309	971	-30	9	194	972	-29	10	180	957	-34	4	338
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	956	-28	0	0	970	-29	13	205	975	-33	4	197	975	-37	2	225	967	-25	8	270	963	-29	2	360	984	-34	2	180
03	957	-26	2	173	972	-29	12	208	974	-31	5	198	975	-37	3	240	964	-22	7	270	965	-29	2	360	984	-32	10	180
06	958	-31	8	180	973	-28	12	225	974	-33	4	242	X	X	X	X	962	-22	7	267	968	-33	3	360	984	-32	11	180
09	960	-33	2	248	974	-29	13	218	973	-35	4	225	975	-41	4	225	961	-22	6	270	971	-36	1	214	983	-34	5	189
12	962	-34	6	218	975	-31	11	211	973	-35	3	180	974	-33	9	225	960	-24	5	309	976	-36	1	156	982	-34	4	180
15	964	-33	9	198	975	-33	9	225	973	-39	3	204	973	-31	8	180	959	-26	2	309	978	-39	2	149	979	-34	4	232
18	967	-32	11	189	976	-35	5	180	974	-41	1	283	972	-29	5	229	960	-28	2	330	980	-39	1	180	976	-35	4	225
21	968	-31	13	218	975	-35	3	218	974	-39	3	225	969	-33	5	270	961	-26	3	360	982	-38	2	197	972	-33	4	225
		DAY	29			DAY	30																					
00	969	-30	3	229	955	-23	16	225																				
03	966	-27	4	225	954	-22	16	225																				
06	963	-35	3	270	955	-22	13	225																				
09	961	-37	2	243	957	-23	3	251																				
12	959	-37	3	266	955	-23	4	315																				
15	957	-39	1	288	954	-22	7	290																				
18	956	-32	1	270	954	-18	8	270																				
21	955	-29	2	289	955	-16	9	240																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -36.2 STD DEV = 7.0 MAX = -15.5 AT 2046 GMT ON DAY 30 MIN = -51.9 AT 2043 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 976.3 STD DEV = 10.6 MAX =1000.5 AT 910 GMT ON DAY 3 MIN = 953.2 AT 1631 GMT ON DAY 30
* WINDS (M/S) * MEAN = 5.6 STD DEV = 3.9 RESULTANT = 4.4 FROM 211. CONSTANCY = .78 MAX = 20.1 FROM 219. AT 49 GMT DAY 30
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	16	27	23	9	11	5	5	4	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	0	2	0	2	1	4	3	18	20	29	7	6	2	3	1

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	957	-20	13	225	966	-20	9	205	959	-27	0	0	966	-28	0	0	979	-29	2	210	982	-29	1	125	988	-32	4	191
03	958	-20	16	221	964	-18	8	225	959	-28	2	274	968	-30	1	251	980	-29	2	218	982	-28	3	149	988	-32	4	225
06	959	-19	13	225	962	-23	7	210	960	-30	1	309	969	-31	3	233	980	-33	2	270	983	-28	1	161	988	-34	3	231
09	958	-19	17	210	962	-26	9	206	961	-31	1	309	971	-27	7	218	981	-33	2	235	984	-29	1	183	988	-37	0	0
12	960	-21	10	189	961	-28	10	180	962	-28	0	0	973	-28	10	180	981	-35	1	260	985	-37	2	212	988	-34	4	357
15	962	-22	14	180	961	-27	7	218	963	-29	1	309	975	-29	7	180	981	-39	0	0	986	-39	2	225	988	-36	2	301
18	966	-21	9	180	960	-27	4	186	963	-28	0	0	976	-26	9	194	982	-40	1	180	986	-38	4	225	988	-40	3	270
21	967	-20	4	189	959	-29	3	180	965	-28	0	0	978	-29	4	201	982	-33	3	111	988	-35	8	189	988	-38	2	260
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	988	-35	4	235	981	-19	14	218	973	-16	16	225	983	-26	0	0	993	-26	8	180	995	-28	11	180	990	-33	2	248
03	987	-31	3	225	980	-19	14	224	975	-19	15	218	983	-26	1	308	995	-28	7	176	993	-30	8	218	990	-33	8	189
06	987	-26	10	225	981	-19	13	225	978	-25	8	193	983	-26	0	0	996	-29	14	190	992	-31	7	222	990	-35	7	180
09	987	-25	12	225	979	-20	13	225	980	-27	7	189	984	-19	6	330	996	-28	16	180	991	-35	4	233	990	-34	8	191
12	988	-27	12	225	976	-20	14	225	982	-29	6	188	984	-24	2	45	997	-29	15	180	990	-37	4	225	990	-34	10	200
15	987	-24	13	214	972	-17	20	225	983	-30	3	225	987	-26	1	35	996	-28	15	180	989	-40	2	270	991	-37	5	225
18	985	-23	13	225	972	-17	17	225	983	-29	2	260	989	-24	0	0	996	-29	16	201	989	-39	2	262	992	-37	6	225
21	983	-21	12	225	973	-16	13	225	983	-27	1	301	991	-26	9	161	995	-29	16	195	989	-36	2	262	992	-36	6	207
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	992	-31	1	242	988	-28	4	325	989	-27	3	280	989	-30	4	225	988	-27	5	184	977	-24	2	170	976	-28	2	170
03	991	-31	3	270	988	-26	3	309	988	-25	2	280	989	-27	3	189	986	-27	4	206	976	-24	2	108	977	-26	9	225
06	991	-33	4	309	988	-27	1	225	988	-25	2	328	989	-27	5	180	985	-29	3	225	975	-25	3	103	979	-28	6	222
09	990	-34	5	319	989	-32	1	270	988	-28	0	0	989	-28	5	180	984	-33	3	225	974	-25	1	90	980	-31	6	225
12	989	-33	5	300	989	-35	3	287	989	-29	0	0	989	-29	5	180	982	-29	3	217	973	-26	0	0	982	-30	5	225
15	988	-34	5	309	989	-31	3	302	988	-32	0	0	989	-31	5	180	981	-28	1	228	973	-28	2	176	983	-31	4	225
18	988	-32	5	309	988	-34	4	330	989	-32	1	189	989	-31	5	197	979	-27	3	170	974	-32	1	179	985	-33	2	224
21	988	-31	4	309	989	-30	3	270	989	-32	4	201	989	-29	5	198	978	-25	1	180	975	-30	2	187	986	-28	9	177
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	987	-28	7	180	985	-28	5	217	977	-28	0	0	976	-26	0	0	975	-27	4	225	974	-27	3	218	985	-18	14	198
03	987	-27	8	225	984	-28	6	251	976	-26	6	360	976	-21	0	0	974	-26	4	225	977	-26	6	225	986	-17	10	225
06	987	-29	5	229	983	-28	4	251	975	-25	2	360	977	-27	0	0	974	-26	1	180	979	-27	4	225	987	-16	14	195
09	986	-28	4	231	982	-26	3	229	975	-31	1	12	977	-28	0	0	972	-29	0	0	980	-29	4	225	987	-19	10	218
12	986	-32	2	251	980	-29	3	295	975	-34	3	24	977	-33	0	0	972	-31	0	0	982	-32	5	257	988	-19	5	225
15	984	-32	4	248	979	-32	1	360	975	-34	0	0	976	-29	1	183	971	-32	0	0	983	-31	5	270	987	-23	4	232
18	984	-28	4	225	978	-30	2	45	975	-32	0	0	977	-33	3	249	972	-31	0	0	983	-23	10	263	986	-18	13	218
21	985	-28	5	228	977	-30	2	69	975	-28	0	0	976	-28	8	215	973	-33	2	225	982	-18	11	225	986	-18	11	189
		DAY	29			DAY	30			DAY	31																	
00	986	-15	13	189	978	-16	17	206	964	-14	10	189																
03	985	-16	10	214	977	-17	16	198	962	-15	11	225																
06	983	-14	12	225	977	-18	12	193	959	-14	10	206																
09	982	-15	12	225	976	-18	12	221	958	-15	11	203																
12	981	-16	9	225	974	-18	10	225	958	-17	6	239																
15	979	-17	11	225	971	-20	11	225	958	-15	5	225																
18	979	-16	12	214	968	-19	10	229	958	-15	4	251																
21	979	-17	14	225	966	-16	9	222	959	-14	8	222																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -27.0 STD DEV = 6.1 MAX = -13.6 AT 704 GMT ON DAY 31 MIN = -41.9 AT 1829 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 980.1 STD DEV = 9.7 MAX = 996.9 AT 1008 GMT ON DAY 12 MIN = 956.7 AT 43 GMT ON DAY 1
* WINDS (M/S) * MEAN = 5.7 STD DEV = 4.7 RESULTANT = 4.8 FROM 215. CONSTANCY = .84 MAX = 24.1 FROM 221. AT 1401 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	25	22	17	7	8	6	7	4	3	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	1	1	0	0	1	0	1	21	11	39	5	7	3	5	1

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

HRS	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	965	-22	6	218	986	-17	4	235	986	-22	2	260	984	-22	2	360	973	-22	8	224	982	-26	10	225	987	-24	11	180
03	967	-23	10	218	986	-16	2	280	985	X	1	243	980	-19	1	342	972	-22	7	218	982	-27	13	200	987	-23	11	180
06	972	-26	10	225	985	-19	4	309	985	-18	0	0	977	-20	3	349	972	-22	5	205	984	-26	12	225	987	-22	8	180
09	975	-24	16	211	984	-19	7	225	985	-22	0	0	974	-18	4	322	974	-27	4	218	984	-25	15	198	987	-26	3	222
12	980	-22	13	212	984	-20	9	215	986	-23	0	0	972	-20	6	309	976	-29	4	180	984	-26	15	206	987	-29	3	225
15	982	-21	8	203	985	-23	5	239	986	-23	0	0	973	-25	12	225	977	-28	6	207	985	-25	11	198	987	-31	4	225
18	984	-20	7	225	985	-25	3	225	986	-23	0	0	974	-21	9	233	979	-25	13	225	986	-27	12	201	986	-30	3	210
21	985	-19	4	231	986	-24	3	206	986	-22	1	18	973	-23	10	225	981	-25	13	198	986	-25	13	180	985	-24	3	257
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	983	-24	7	198	966	-14	14	217	971	-14	9	200	990	-16	9	214	998	-14	3	180	988	-12	4	267	989	-15	8	218
03	982	-23	6	198	963	-12	9	260	973	-12	6	198	990	-14	14	218	997	-14	3	232	986	-10	8	225	989	-14	7	198
06	980	-21	4	214	960	-12	17	225	975	-13	7	198	991	-13	12	218	995	-14	2	231	986	-15	7	225	988	-13	8	189
09	978	-23	5	225	958	-10	20	217	978	-15	4	218	993	-12	9	180	994	-17	1	180	987	-16	6	225	988	-15	7	218
12	975	-22	9	217	959	-10	12	207	980	-19	5	221	995	-13	9	180	993	-16	2	270	988	-19	5	225	989	-16	9	180
15	973	-18	11	225	961	-13	10	198	983	-20	4	273	996	-13	8	190	992	-23	1	360	989	-21	3	231	989	-17	10	205
18	971	-17	12	225	965	-16	10	189	985	-17	7	225	997	-14	8	180	990	-18	0	0	990	-20	8	198	989	-17	9	206
21	969	-14	13	229	969	-18	9	198	988	-17	6	225	998	-14	5	201	989	-16	3	270	990	-18	5	218	988	-16	10	225
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	987	-13	9	180	979	-13	10	225	978	-15	8	225	982	-15	9	212	980	-12	4	219	974	-11	3	180	983	-9	6	180
03	986	-13	9	203	979	-12	8	218	978	-15	8	189	982	-17	9	225	979	-12	6	225	975	-12	4	207	985	-11	4	183
06	985	-13	8	225	978	-13	6	207	979	-16	5	189	983	-17	9	206	978	-12	7	225	975	-13	3	198	987	-12	6	180
09	984	-15	6	215	978	-15	8	225	980	-18	4	200	983	-18	8	180	978	-12	4	270	975	-13	3	225	989	-15	5	180
12	983	-17	7	218	977	-16	7	225	981	-23	4	248	983	-18	5	208	976	-12	7	270	976	-12	1	231	990	-17	6	180
15	982	-17	9	206	977	-17	7	206	981	-20	4	225	982	-17	2	231	975	-11	5	250	977	-11	2	253	991	-15	7	180
18	981	-16	11	207	977	-18	7	225	982	-21	5	198	982	-17	1	270	974	-10	9	226	979	-10	4	217	992	-15	9	188
21	980	-14	10	207	977	-16	10	205	982	-18	3	212	981	-15	4	270	973	-11	3	206	981	-9	4	180	993	-15	9	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	993	-13	9	186	995	-13	8	206	990	-11	0	0	989	-13	11	189	990	-10	16	198	991	-7	8	201	990	-9	3	225
03	994	-13	11	180	994	-13	9	198	989	-10	2	180	990	-14	13	180	990	-9	15	189	991	-5	9	198	989	-8	4	211
06	995	-12	11	186	993	-13	8	180	988	-11	2	169	989	-14	17	189	990	-8	14	180	991	-5	7	225	989	-8	3	225
09	996	-12	10	180	992	-15	5	191	988	-14	2	180	989	-12	18	197	991	-8	15	204	991	-7	5	180	989	-11	2	225
12	997	-13	9	180	992	-18	3	180	988	-18	3	180	989	-11	18	201	991	-8	13	201	991	-8	4	207	989	-15	2	231
15	997	-14	6	180	991	-19	2	195	988	-17	6	180	989	-11	17	180	991	-8	13	180	991	-9	7	187	989	-14	3	229
18	997	-15	6	180	991	-17	1	206	988	-14	8	193	989	-10	18	198	991	-7	12	180	990	-8	6	197	990	-12	3	225
21	996	-14	5	225	990	-15	1	218	989	-14	9	205	989	-9	17	200	991	-7	9	206	990	-8	4	198	990	-11	5	225
		DAY	29			DAY	30																					
00	990	-9	6	225	993	-6	0	0																				
03	990	-8	6	198	993	-5	0	0																				
06	991	-8	5	180	994	-5	0	0																				
09	991	-10	4	198	994	-10	1	90																				
12	992	-14	2	225	994	-15	2	152																				
15	992	-16	2	218	994	-16	2	141																				
18	992	-14	2	215	995	-14	3	134																				
21	993	-11	0	0	995	-11	3	141																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -15.8 STD DEV = 5.4 MAX = -.8 AT 432 GMT ON DAY 30 MIN = -31.6 AT 1532 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 984.6 STD DEV = 7.9 MAX = 998.3 AT 2308 GMT ON DAY 11 MIN = 957.3 AT 1022 GMT ON DAY 9
* WINDS (M/S) * MEAN = 6.8 STD DEV = 4.2 RESULTANT = 6.2 FROM 207. CONSTANCY = .91 MAX = 21.3 FROM 224. AT 657 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	13	19	17	13	17	7	6	3	2	2	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	0	0	0	0	1	0	24	28	35	3	5	0	1	0

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 44 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	997	-6	6	12	994	-4	1	12	984	-9	6	214	980	-10	4	225	976	-8	12	214	984	-8	13	225
03	996	-8	4	167	997	-4	3	360	990	-4	2	90	983	-9	8	225	979	-9	3	225	979	-10	11	190	985	-7	12	218
06	996	-8	4	180	997	-6	5	10	987	-5	2	156	982	-10	6	198	979	-11	3	243	982	-11	5	189	985	-7	11	221
09	996	-10	3	180	997	-10	4	360	986	-8	7	204	981	-12	4	180	978	-12	4	231	983	-13	4	225	986	-8	10	225
12	996	-13	0	0	998	-12	3	360	986	-10	8	197	981	-11	2	236	977	-13	5	266	984	-12	5	208	986	-10	7	225
15	996	-12	0	0	997	-12	2	79	985	-12	4	180	980	-16	2	243	976	-12	6	270	984	-11	5	225	985	-9	10	225
18	997	-12	1	12	996	-9	2	330	985	-11	9	225	980	-13	2	260	975	-9	7	260	985	-9	9	218	986	-10	10	225
21	997	-10	2	12	995	-5	7	32	984	-10	9	215	980	-10	2	225	975	-9	12	225	985	-9	11	225	986	-9	11	210
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	986	-8	10	225	983	-9	6	191	983	-8	11	218	988	-7	9	180	991	-6	9	225	990	-5	10	193	997	-7	11	207
03	985	-7	10	225	983	-9	8	189	984	-8	13	218	989	-7	9	180	990	-5	9	218	991	-6	9	180	998	-6	14	201
06	985	-7	6	193	983	-8	5	189	984	-7	9	225	990	-7	8	180	990	-5	10	225	992	-6	8	180	998	-6	12	206
09	985	-9	3	203	983	-10	4	225	983	-8	6	225	991	-7	6	204	990	-6	11	228	993	-7	5	148	998	-6	11	180
12	985	-12	3	243	983	-12	3	231	984	-9	8	225	991	-7	5	210	989	-6	9	212	996	-9	8	194	999	-7	10	180
15	984	-14	2	225	983	-13	5	228	984	-8	9	225	991	-11	5	225	989	-7	9	225	996	-8	7	198	1000	-7	10	180
18	983	-12	4	232	983	-10	7	225	985	-8	10	215	990	-11	6	205	990	-7	9	180	996	-8	11	225	1000	-7	11	208
21	983	-10	6	225	983	-8	9	225	987	-8	9	201	991	-9	5	208	990	-6	10	198	996	-8	13	218	1001	-7	13	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1002	-6	13	225	1002	-4	9	198	1004	-1	8	184	1001	-2	5	180	1003	-5	4	180	995	-7	5	180	996	-8	4	212
03	1003	-5	12	201	1002	-4	11	200	1003	-1	6	180	1001	-2	6	180	1001	-5	3	200	995	-7	4	180	995	-6	5	198
06	1003	-4	9	194	1002	-3	10	201	1003	-1	6	167	1002	-2	8	180	1000	-4	2	210	996	-7	4	179	995	-6	3	180
09	1003	-4	10	180	1003	-4	7	198	1002	-1	4	180	1002	-2	7	180	998	-5	6	217	996	-9	3	201	995	-8	2	224
12	1003	-5	10	225	1004	-3	6	189	1002	-1	5	170	1002	-3	7	180	997	-7	1	231	996	-12	1	80	995	-11	2	186
15	1003	-5	13	207	1004	-3	7	198	1001	-2	5	149	1002	-3	9	181	995	-9	4	270	996	-12	1	180	995	-12	3	149
18	1002	-5	11	189	1004	-2	5	190	1001	-3	5	180	1002	-5	6	180	994	-8	3	211	996	-12	3	141	996	-11	3	141
21	1002	-4	9	191	1004	-1	6	180	1001	-2	6	180	1003	-5	5	181	995	-8	3	189	996	-10	2	198	997	-8	4	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	998	-5	4	149	998	-6	5	193	996	-1	0	0	1002	-3	3	180	1002	0	1	6	998	-2	0	0	1007	-3	4	198
03	998	-4	3	180	997	-5	6	201	995	-2	2	38	1002	-2	2	218	1001	-1	3	45	999	1	1	28	1007	-2	3	198
06	998	-5	4	180	997	-4	3	180	996	-2	1	54	1003	-1	1	295	999	-2	2	146	1000	2	0	0	1007	-2	1	245
09	998	-8	4	206	996	-6	0	0	997	-5	1	120	1003	-7	2	309	999	-4	1	108	1001	-5	2	141	1007	-4	1	270
12	998	-10	4	191	996	-11	2	309	998	-7	0	0	1003	-9	2	315	998	-7	0	0	1002	-4	0	0	1007	-8	2	315
15	998	-10	5	204	995	-10	1	360	999	-8	1	360	1003	-10	1	270	998	-9	1	1	1003	-10	1	225	1006	-10	2	339
18	998	-9	4	180	995	-10	1	360	1000	-7	0	0	1003	-8	2	309	997	-7	3	90	1005	-5	2	208	1006	-7	3	326
21	998	-7	3	180	995	-6	1	309	1001	-5	1	270	1002	-4	2	309	997	-5	3	103	1006	-3	4	180	1005	-5	2	338
		DAY	29			DAY	30			DAY	31																	
00	1005	-2	4	333	999	-1	3	101	1004	3	0	0																
03	1003	-3	5	360	998	0	2	90	X	X	X	X																
06	1002	-2	4	360	999	-1	2	180	X	X	X	X																
09	1001	-5	3	46	1000	-5	7	201	X	X	X	X																
12	1000	-8	4	59	1001	-5	4	204	X	X	X	X																
15	999	-9	3	90	1002	-5	3	238	X	X	X	X																
18	999	-4	3	90	1003	-4	2	280	X	X	X	X																
21	999	-2	4	90	1004	-3	1	280	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -6.7 STD DEV = 3.4 MAX = 3.4 AT 626 GMT ON DAY 27 MIN = -16.1 AT 1512 GMT ON DAY 4
* PRESSURE (MB) * MEAN = 994.5 STD DEV = 8.0 MAX =1007.2 AT 741 GMT ON DAY 28 MIN = 975.1 AT 1840 GMT ON DAY 5
* WINDS (M/S) * MEAN = 5.3 STD DEV = 3.5 RESULTANT = 4.1 FROM 205. CONSTANCY = .77 MAX = 14.9 FROM 198. AT 130 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 3.2 % PRESSURE: 3.2 % WINDS: 3.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	18	26	21	10	12	9	3	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	3	2	0	4	1	2	3	24	20	24	2	4	0	3	2

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	813	-10	3	180	821	-9	0	0	813	-8	1	180	810	-13	1	22	813	-12	0	0	813	-12	0	0	815	-9	0	0
03	814	-11	4	161	821	-9	1	54	811	-8	9	302	810	-12	1	360	812	-8	0	0	812	-12	1	21	815	-11	0	0
06	815	-11	3	168	821	-9	0	0	810	-10	5	298	811	-13	0	0	813	-11	0	0	813	-9	0	0	816	-10	0	0
09	817	-11	2	180	820	-10	0	0	810	-11	1	334	812	-14	0	0	813	-12	1	360	813	-11	0	0	816	-12	0	0
12	819	-12	3	189	819	-11	2	189	809	-12	1	324	812	-14	0	0	813	-13	0	0	813	-14	0	0	816	-12	1	218
15	820	-12	0	0	818	-12	1	165	809	-13	0	0	813	-14	0	0	813	-14	0	0	813	-14	0	0	816	-13	2	251
18	821	-11	1	189	816	-11	3	211	809	-13	1	350	813	-12	0	0	813	-12	0	0	814	-14	1	168	816	-12	1	226
21	821	-10	0	0	814	-11	4	189	809	-13	1	349	813	-12	2	270	813	-12	1	314	X	X	X	X	816	-12	4	189
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	816	-10	4	180	812	-10	5	180	807	-10	7	203	810	-7	0	0	809	-10	3	180	809	-9	1	360	809	-10	0	0
03	816	-10	4	180	811	-10	6	180	808	-9	3	189	810	-9	0	0	809	-9	3	155	809	-9	2	201	809	-9	0	0
06	815	-11	4	193	810	-11	7	198	808	-9	3	210	810	-9	1	346	809	-9	3	207	809	-9	3	211	809	-10	1	360
09	815	-12	3	180	809	-10	7	169	808	-10	2	216	810	-10	0	0	809	-11	3	206	809	-11	4	180	810	-11	2	316
12	814	-11	0	0	809	-10	7	194	809	-10	0	0	810	-11	2	210	809	-11	5	210	809	-12	6	195	810	-12	1	322
15	813	-12	1	189	808	-10	4	194	809	-11	0	0	810	-11	0	0	809	-11	4	189	809	-11	2	210	810	-13	2	177
18	812	-11	0	0	808	-10	5	189	809	-10	0	0	809	-11	4	194	809	-11	3	203	809	-10	1	194	810	-12	1	225
21	812	-11	2	169	808	-10	2	189	809	-9	0	0	810	-10	4	170	809	-10	3	169	809	-10	2	189	811	-11	2	309
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	811	-11	1	360	813	-11	7	189	810	-9	2	315	817	-9	0	0	825	-8	0	0	820	-9	0	0	810	-12	1	270
03	811	-11	0	0	813	-10	6	180	810	-9	3	301	818	-9	3	360	825	-8	0	0	819	-8	2	141	809	-12	2	357
06	812	-11	0	0	813	-11	6	186	810	-9	1	324	819	-10	1	153	825	-8	0	0	817	-10	2	191	809	-13	1	20
09	812	-11	0	0	813	-12	5	180	811	-10	1	360	821	-11	0	0	825	-9	0	0	816	-11	3	180	809	-14	0	0
12	813	-12	0	0	812	-13	3	198	812	-12	1	69	822	-12	2	195	824	-9	0	0	814	-13	4	180	810	-15	0	0
15	813	-12	0	0	811	-13	2	189	813	-12	0	0	823	-12	3	180	823	-10	0	0	813	-15	4	183	810	-15	4	210
18	813	-11	0	0	811	-13	2	143	814	-11	0	0	824	-11	0	0	822	-10	3	206	811	-12	0	0	811	-16	7	183
21	813	-12	6	180	811	-11	1	206	815	-10	0	0	825	-10	1	168	821	-10	3	180	811	-12	0	0	812	-15	3	198
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	812	-14	1	236	813	-14	2	180	X	X	X	X	807	-13	5	170	809	-10	1	1	812	-11	1	328	810	-12	3	3
03	812	-15	3	206	813	-14	2	180	809	-12	4	187	807	-12	0	0	810	-10	2	315	811	-10	1	360	810	-12	3	11
06	812	-15	3	177	813	-14	0	0	808	-13	6	180	807	-13	3	188	810	-10	1	349	811	-11	2	339	810	-13	1	349
09	812	-15	3	180	813	-12	0	0	808	-15	4	189	807	-15	4	198	811	-14	1	297	810	-13	0	0	810	-14	2	170
12	812	-15	3	184	813	-16	0	0	808	-15	2	210	807	-15	0	0	812	-15	0	0	810	-15	0	0	811	-15	1	277
15	812	-16	0	0	812	-17	0	0	807	-16	7	180	807	-14	2	189	812	-15	0	0	809	-14	1	206	811	-15	0	0
18	813	-16	1	189	811	-15	2	210	807	-15	2	206	807	-13	1	170	812	-12	0	0	809	-13	0	0	812	-14	0	0
21	813	-14	2	180	X	X	X	X	807	-13	2	201	808	-11	2	167	812	-11	0	0	810	-12	2	206	813	-15	0	0
		DAY	29			DAY	30			DAY	31																	
00	814	-14	2	360	817	-14	5	189	815	-12	2	342																
03	814	-13	3	353	816	-13	3	167	814	-11	2	289																
06	815	-11	1	170	816	-12	0	0	813	-12	4	346																
09	816	-14	0	0	816	-14	4	206	813	-14	2	156																
12	X	X	X	X	815	-15	5	206	812	-15	2	189																
15	817	-17	2	206	815	-15	4	201	810	-15	1	213																
18	817	-16	6	207	815	-15	1	257	809	-16	4	189																
21	817	-14	1	162	815	-14	2	180	808	-13	1	360																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -11.8 STD DEV = 2.1 MAX = -5.7 AT 227 GMT ON DAY 5 MIN = -17.2 AT 1432 GMT ON DAY 29
* PRESSURE (MB) * MEAN = 812.6 STD DEV = 4.1 MAX = 825.5 AT 123 GMT ON DAY 19 MIN = 806.8 AT 736 GMT ON DAY 25
* WINDS (M/S) * MEAN = 1.9 STD DEV = 1.8 RESULTANT = 1.2 FROM 197. CONSTANCY = .62 MAX = 11.5 FROM 194. AT 1035 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.6 % PRESSURE: 1.6 % WINDS: 1.6 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	61	28	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	12	2	1	1	0	0	1	7	37	23	3	1	2	3	5	4

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	808	-12	0	0	809	-14	3	180	811	-10	0	0	813	-11	0	0	815	-12	0	0	816	-10	1	360	814	-9	0	0
03	808	-10	1	135	809	-14	4	180	811	-11	0	0	813	-11	2	301	815	-12	0	0	815	-11	2	323	813	-10	2	360
06	807	-11	1	360	809	-14	4	189	811	-11	0	0	813	-11	1	180	816	-10	1	360	815	-12	0	0	812	-11	1	339
09	808	-14	2	3	809	-15	5	180	811	-12	0	0	813	-12	1	156	816	-12	0	0	815	-12	0	0	812	-12	1	307
12	808	-17	1	180	810	-15	3	189	811	-14	0	0	813	-13	0	0	816	-12	0	0	815	-12	0	0	811	-14	0	0
15	808	-17	0	0	810	-15	1	206	812	-13	0	0	813	-14	0	0	816	-13	0	0	814	-12	0	0	810	-14	0	0
18	808	-15	0	0	810	-15	3	138	812	-13	1	149	814	-13	0	0	816	-12	0	0	814	-12	0	0	810	-14	0	0
21	809	-14	3	161	810	-12	0	0	812	-12	1	339	815	-13	0	0	816	-11	0	0	814	-11	0	0	809	-13	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	809	-12	1	301	810	-12	1	225	810	-12	1	289	812	-13	1	270	X	X	X	X	810	-16	2	325	806	-15	0	0
03	809	-12	2	339	810	-12	2	225	810	-12	1	314	812	-15	3	301	813	-15	2	301	809	-14	2	360	806	-16	0	0
06	809	-12	1	281	810	-10	1	180	810	-12	0	0	813	-15	3	277	813	-15	2	315	810	-15	1	360	805	-17	1	349
09	809	-15	0	0	811	-13	3	162	811	-14	0	0	813	-17	1	270	812	-18	0	0	810	-18	2	309	805	-18	0	0
12	809	-16	0	0	811	-14	3	180	811	-15	2	236	813	-19	0	0	812	-19	0	0	809	-18	0	0	806	-19	0	0
15	809	-16	0	0	810	-15	4	190	811	-16	1	180	X	X	X	X	811	-20	0	0	808	-22	0	0	806	-20	0	0
18	810	-15	0	0	810	-13	0	0	811	-16	0	0	X	X	X	X	810	-17	0	0	808	-18	0	0	807	-20	0	0
21	810	-14	3	189	810	-13	0	0	812	-16	0	0	813	-17	0	0	810	-16	1	104	807	-16	0	0	808	-20	1	315
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	809	-19	2	324	810	-18	0	0	809	-17	2	161	800	-15	0	0	799	-18	3	198	802	-11	1	360	804	-18	1	319
03	809	-18	1	336	811	-18	2	300	807	-16	2	315	799	-15	1	330	799	-17	4	189	803	-12	0	0	803	-17	3	315
06	809	-18	0	0	811	-19	3	301	806	-16	2	360	798	-16	0	0	799	-16	2	180	803	-11	0	0	802	-17	2	360
09	809	-19	2	280	811	-21	1	189	804	-19	1	280	798	-19	1	308	800	-16	3	180	803	-14	1	198	802	-20	0	0
12	809	-21	0	0	811	-21	4	180	803	-19	0	0	798	-21	0	0	801	-17	1	180	804	-18	2	170	801	-21	0	0
15	809	-22	0	0	811	-20	3	206	801	-20	0	0	797	-22	0	0	801	-17	3	180	804	-20	0	0	801	-20	0	0
18	809	-20	0	0	810	-20	1	193	800	-17	0	0	797	-21	0	0	801	-18	1	117	804	-20	0	0	800	-20	0	0
21	810	-19	0	0	809	-18	2	198	799	-15	1	161	798	-19	1	307	801	-13	3	198	804	-19	2	323	800	-19	1	161
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	800	-19	0	0	800	-18	2	359	799	-21	1	270	799	-22	2	180	803	-24	1	189	804	-22	0	0	803	-21	3	161
03	799	-19	0	0	800	-19	1	338	798	-21	2	287	799	-21	0	0	803	-23	1	180	804	-22	1	180	802	-21	1	360
06	799	-18	0	0	800	-20	2	349	798	-21	0	0	800	-22	0	0	803	-23	0	0	804	-23	1	315	802	-22	2	311
09	799	-18	0	0	800	-20	1	324	798	-22	0	0	801	-22	2	145	803	-23	1	336	804	-23	1	208	801	-25	0	0
12	799	-19	0	0	800	-21	1	191	798	-23	0	0	802	-23	0	0	803	-24	0	0	804	-24	4	251	801	-27	0	0
15	799	-19	2	187	800	-22	1	150	798	-23	1	90	802	-23	0	0	803	-25	0	0	804	-24	6	206	799	-27	0	0
18	800	-20	0	0	799	-22	0	0	798	-23	0	0	802	-23	0	0	803	-24	0	0	803	-23	1	135	799	-27	0	0
21	800	-20	0	0	799	-22	0	0	798	-22	1	183	802	-23	0	0	804	-24	0	0	803	-20	2	225	798	-27	4	170

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -17.0 STD DEV = 4.2 MAX = -7.7 AT 212 GMT ON DAY 7 MIN = -27.9 AT 1426 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 806.5 STD DEV = 5.5 MAX = 816.3 AT 1349 GMT ON DAY 5 MIN = 797.3 AT 1719 GMT ON DAY 18
* WINDS (M/S) * MEAN = 1.0 STD DEV = 1.2 RESULTANT = .3 FROM 232. CONSTANCY = .30 MAX = 8.5 FROM 180. AT 1533 GMT DAY 27
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: 1.3 % WINDS: 1.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	81	16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	13	0	0	0	1	2	4	8	25	8	4	1	6	7	15	6

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	802	-25	0	0	802	-23	0	0	790	-21	3	180	788	-25	2	180	792	-24	0	0	788	-25	0	0
03	798	-26	1	339	803	-23	0	0	801	-21	1	59	789	-23	0	0	788	-22	2	288	791	-24	2	339	788	-27	0	0
06	799	-27	3	180	803	-24	1	315	800	-21	0	0	787	-23	1	216	789	-21	0	0	791	-24	1	333	787	-28	1	309
09	799	-30	5	156	803	-27	0	0	798	-25	0	0	786	-27	1	198	789	-26	0	0	791	-26	0	0	787	-30	0	0
12	800	-30	1	167	803	-27	0	0	796	-24	4	76	785	-29	2	149	790	-26	0	0	790	-27	0	0	786	-31	0	0
15	800	-30	3	180	803	-27	1	180	795	-26	2	356	785	-30	0	0	790	-26	0	0	790	-28	0	0	784	-31	0	0
18	800	-29	2	189	803	-26	0	0	794	-26	4	180	786	-28	6	206	791	-27	0	0	789	-29	0	0	782	-30	0	0
21	801	-27	4	194	802	-23	0	0	792	-26	1	90	787	-26	6	189	791	-24	0	0	788	-24	0	0	782	-29	3	225
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	782	-29	2	189	792	-28	8	180	793	-24	0	0	792	-27	0	0	794	-28	15	181	795	-22	1	180	794	-24	8	189
03	784	-26	1	360	793	-27	6	198	793	-24	0	0	792	-26	2	189	795	-27	11	198	794	-23	6	238	795	-23	9	189
06	785	-29	2	170	793	-25	0	0	793	-26	1	180	791	-27	6	198	796	-27	7	198	X	X	X	X	794	-21	3	184
09	787	-30	4	194	794	-26	1	270	792	-29	0	0	791	-27	8	189	797	-26	6	180	792	-25	8	180	793	-22	3	180
12	789	-30	4	180	794	-26	0	0	792	-28	0	0	791	-27	11	179	797	-25	3	198	792	-26	10	180	791	-23	1	213
15	790	-30	9	180	793	-28	0	0	792	-29	0	0	792	-28	10	184	797	-25	0	0	792	-30	8	200	789	-23	0	0
18	791	-30	11	191	793	-27	0	0	792	-30	0	0	793	-28	9	189	796	-24	0	0	794	-23	7	197	787	-25	0	0
21	791	-29	9	180	793	-26	0	0	792	-28	3	180	792	-26	15	180	796	-23	2	180	794	-24	7	180	786	-27	1	90
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	785	-26	1	143	795	-27	10	180	800	-24	0	0	802	-29	0	0	803	-30	0	0	799	-27	4	184	799	-25	0	0
03	784	-24	1	170	797	-28	9	198	799	-24	0	0	803	-27	0	0	802	-28	0	0	799	-27	5	190	799	-24	0	0
06	783	-25	6	194	799	-28	3	198	798	-26	0	0	804	-32	0	0	801	-30	3	189	799	-27	5	189	801	-27	0	0
09	784	-27	4	198	800	-26	1	160	798	-28	0	0	804	-33	0	0	801	-30	4	181	799	-27	3	206	802	-27	1	170
12	785	-29	10	193	800	-26	2	180	797	-29	0	0	804	-34	0	0	801	-29	4	224	799	-28	0	0	804	-28	3	189
15	787	-28	12	180	800	-25	2	357	798	-30	1	45	804	-33	0	0	800	-29	6	189	798	-29	0	0	805	-28	3	180
18	790	-29	6	206	801	-25	0	0	799	-31	1	84	804	-34	0	0	799	-29	7	180	798	-28	3	180	806	-28	2	207
21	792	-28	9	198	800	-24	0	0	801	-32	1	45	803	-32	0	0	799	-28	5	180	798	-27	2	189	807	-30	3	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	807	-29	0	0	796	-26	15	180	789	-22	X	180	788	-22	X	146	784	-22	X	194	779	-26	X	258	786	-32	X	77
03	807	-25	0	0	796	-25	15	180	788	-20	X	297	789	-21	X	180	783	-22	X	304	779	-28	X	149	786	-31	X	309
06	806	-28	0	0	795	-26	15	186	788	-24	X	168	790	-23	X	206	782	-23	X	37	780	-31	X	330	788	-32	X	170
09	804	-30	1	225	793	-24	13	198	788	-26	X	200	790	-25	X	186	781	-27	X	180	781	-34	X	82	788	-32	X	258
12	802	-30	3	191	794	-27	X	180	787	-26	X	135	790	-26	X	206	780	-26	X	156	782	-35	X	360	789	-32	X	266
15	800	-28	5	198	791	-24	X	153	786	-26	X	180	788	-26	X	180	779	-26	X	255	783	-34	X	101	790	-31	X	183
18	798	-27	12	180	790	-24	X	360	786	-25	X	189	787	-26	X	326	779	-27	X	233	784	-35	X	149	790	-29	X	225
21	797	-27	14	189	789	-22	X	108	786	-23	X	180	785	-24	X	198	779	-28	X	165	785	-35	X	91	791	-29	X	34
		DAY	29			DAY	30			DAY	31																	
00	791	-28	X	259	793	-26	X	12	797	-25	X	270																
03	791	-25	X	309	793	-26	X	291	798	-23	X	76																
06	792	-27	X	180	794	-28	X	263	798	-25	X	190																
09	792	-29	X	225	794	-27	X	189	798	-27	X	180																
12	792	-28	X	210	795	-27	X	180	798	-27	X	251																
15	792	-28	X	225	796	-27	X	190	799	-27	X	233																
18	792	-27	X	150	796	-26	X	277	799	-28	X	194																
21	792	-27	X	180	797	-26	X	292	798	-27	X	233																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -26.8 STD DEV = 2.9 MAX = -20.0 AT 435 GMT ON DAY 3 MIN = -35.6 AT 1316 GMT ON DAY 27
* PRESSURE (MB) * MEAN = 793.3 STD DEV = 6.5 MAX = 807.4 AT 47 GMT ON DAY 22 MIN = 778.9 AT 2327 GMT ON DAY 26
* WINDS (M/S) * MEAN = 3.0 STD DEV = 3.9 RESULTANT = 2.7 FROM 188. CONSTANCY = .89 MAX = 18.9 FROM 183. AT 549 GMT DAY 23
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .8 % WINDS: 28.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	57	16	8	6	6	3	1	3	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	0	2	2	3	0	1	4	54	21	4	1	1	1	2	3

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	795	-28	X	141	795	-32	X	149	801	-30	X	120	802	-29	X	161	796	-27	X	160	795	-26	X	163
03	798	-26	X	292	794	-27	X	135	796	-32	X	191	802	-29	X	206	802	-28	X	233	795	-26	X	200	795	-25	X	285
06	797	-28	X	236	794	-31	X	180	796	-32	X	181	802	-30	X	225	801	-28	X	161	795	-28	X	239	795	-28	X	191
09	797	-29	X	287	793	-32	X	115	797	-33	X	270	802	-30	X	186	800	-29	X	215	795	-28	X	270	795	-28	X	258
12	797	-29	X	143	793	-33	X	90	798	-33	X	149	802	-30	X	201	799	-27	X	248	795	-28	X	307	794	-27	X	289
15	796	-28	X	239	793	-34	X	100	799	-34	X	301	801	-29	X	206	798	-27	X	243	795	-28	X	225	795	-31	X	195
18	796	-29	X	216	794	-34	X	270	799	-33	X	172	802	-29	X	189	797	-27	X	170	795	-28	X	191	794	-29	X	152
21	795	-29	X	282	794	-34	X	170	800	-32	X	189	802	-29	X	153	797	-27	X	161	795	-27	X	170	793	-28	X	170
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	793	-29	X	360	790	-39	X	180	774	-30	6	206	772	-36	3	191	781	-31	9	189	789	-29	2	198	797	-26	0	0
03	793	-29	X	356	788	-38	X	180	771	-29	12	198	774	-35	6	198	782	-31	11	180	790	-28	3	180	797	-26	0	0
06	793	-32	X	173	787	-39	X	167	771	-30	2	180	775	-35	3	189	783	-30	10	195	791	-28	2	198	796	-26	0	0
09	794	-35	X	180	784	-37	X	8	770	-32	2	149	777	-34	7	186	784	-30	9	198	792	-28	2	197	796	-25	3	180
12	793	-36	X	165	782	-35	6	189	769	-33	2	180	777	-32	6	198	785	-30	8	197	793	-28	7	189	796	-25	0	0
15	793	-39	X	180	779	-32	9	206	769	-34	0	0	777	-31	10	198	786	-30	7	189	794	-28	2	189	795	-25	0	0
18	792	-39	X	302	777	-31	15	189	769	-37	0	0	779	-31	12	183	787	-29	2	198	795	-28	6	180	796	-25	1	218
21	792	-42	X	180	773	-31	15	180	770	-36	1	216	780	-32	10	198	788	-30	2	184	796	-26	2	198	796	-28	13	189
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	795	-28	18	183	800	-29	9	180	798	-22	9	180	791	-21	8	206	799	-21	11	189	805	-26	2	180	801	-22	2	205
03	797	-28	12	187	800	-28	9	218	797	-24	4	183	790	-23	12	189	800	-21	10	189	804	-26	0	0	800	-25	4	180
06	800	-27	14	180	799	-25	15	198	795	-20	3	224	792	-23	12	179	801	-22	8	180	804	-25	1	180	799	-24	2	249
09	800	-26	12	189	801	-25	10	180	793	-20	7	206	794	-22	12	174	802	-23	10	215	804	-24	1	210	798	-25	4	180
12	801	-26	12	176	800	-24	17	189	791	-20	8	180	795	-21	10	180	803	-23	8	198	803	-24	0	0	798	-26	5	180
15	801	-27	1	305	799	-23	18	166	790	-20	13	189	796	-20	10	180	804	-23	6	190	803	-24	0	0	797	-26	1	180
18	800	-28	1	360	800	-23	7	229	788	-20	23	165	797	-20	11	180	804	-24	1	225	802	-23	0	0	798	-24	0	0
21	801	-32	4	180	798	-23	12	189	791	-22	12	206	798	-21	14	181	804	-25	0	0	801	-24	0	0	798	-26	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	800	-26	0	0	801	-30	0	0	795	-36	0	0	794	-35	0	0	794	-33	0	0	797	-30	2	225	794	-30	4	198
03	800	-27	0	0	800	-28	4	167	795	-37	0	0	794	-35	0	0	794	-32	0	0	797	-30	1	189	793	-30	2	195
06	801	-29	0	0	799	-30	0	0	794	-36	0	0	794	-34	1	216	794	-31	0	0	796	-31	4	180	794	-29	2	149
09	800	-31	0	0	798	-31	3	165	794	-35	0	0	794	-35	3	170	794	-31	5	207	796	-29	7	197	793	-30	0	0
12	800	-32	0	0	796	-39	5	173	794	-35	0	0	794	-33	0	0	795	-30	3	206	796	-30	5	183	793	-30	0	0
15	800	-32	0	0	796	-40	3	180	794	-35	0	0	794	-33	0	0	795	-30	2	189	795	-29	6	206	792	-30	0	0
18	800	-33	0	0	796	-39	0	0	794	-34	0	0	793	-32	0	0	796	-32	1	168	795	-29	6	180	791	-29	1	184
21	801	-31	0	0	795	-37	3	189	794	-35	0	0	794	-33	0	0	796	-30	0	0	794	-29	8	177	790	-29	1	168
		DAY	29			DAY	30																					
00	789	-28	0	0	788	-24	11	180																				
03	788	-28	0	0	789	-24	10	180																				
06	788	-27	0	0	790	-23	6	189																				
09	788	-27	3	180	791	-23	4	197																				
12	789	-26	0	0	791	-23	1	189																				
15	789	-25	1	206	791	-23	1	243																				
18	789	-25	6	206	791	-26	2	210																				
21	788	-25	6	212	790	-31	0	0																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -28.8 STD DEV = 4.5 MAX = -18.8 AT 1607 GMT ON DAY 17 MIN = -41.7 AT 2056 GMT ON DAY 8
* PRESSURE (MB) * MEAN = 793.7 STD DEV = 7.5 MAX = 804.9 AT 2305 GMT ON DAY 19 MIN = 768.2 AT 1405 GMT ON DAY 10
* WINDS (M/S) * MEAN = 4.5 STD DEV = 4.9 RESULTANT = 4.3 FROM 188. CONSTANCY = .95 MAX = 28.4 FROM 194. AT 1105 GMT DAY 16
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: 28.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	46	14	6	9	7	7	6	2	1	1	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	0	0	0	0	0	7	55	27	7	2	0	0	1	0

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	791	-30	3	180	796	-25	0	0	799	-27	8	206	785	-12	14	218	785	-32	1	334	784	-28	8	225	790	-23	6	225
03	791	-30	13	189	797	-25	0	0	799	-26	6	224	782	-17	14	189	784	-32	6	189	785	-27	5	218	790	-22	6	206
06	791	-28	5	201	797	-27	1	210	795	-20	15	218	782	-21	13	195	783	-33	8	195	785	-24	4	213	788	-20	7	198
09	793	-27	7	206	798	-29	4	180	795	-20	12	225	780	-27	21	218	782	-32	13	205	786	-24	11	195	787	-22	5	198
12	792	-26	11	180	798	-25	7	172	790	-15	15	206	780	-32	16	206	783	-32	3	90	787	-23	4	198	786	-22	3	60
15	794	-23	7	193	799	-26	7	201	785	-17	17	193	778	-35	11	180	783	-33	3	153	788	-27	1	45	783	-24	4	146
18	794	-23	3	225	799	-30	7	180	787	-19	25	224	782	-33	6	155	783	-35	2	45	789	-22	3	225	784	-25	9	183
21	795	-23	1	334	801	-30	7	206	786	-16	15	218	784	-33	3	180	783	-33	3	25	790	-22	0	0	785	-25	5	189
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	786	-25	4	183	792	-26	3	210	794	-21	21	190	806	-21	2	180	802	-26	0	0	802	-28	0	0	804	-35	0	0
03	787	-28	1	146	791	-27	7	206	796	-20	21	208	806	-21	0	0	802	-25	3	238	802	-28	0	0	804	-36	0	0
06	787	-30	2	170	791	-23	5	198	799	-21	15	189	805	-23	0	0	802	-27	0	0	802	-30	0	0	804	-36	0	0
09	788	-29	0	0	790	-21	11	205	801	-21	13	189	805	-24	0	0	802	-27	0	0	802	-32	0	0	804	-37	0	0
12	789	-28	0	0	791	-21	9	189	804	-21	5	198	804	-23	0	0	802	-27	0	0	802	-32	0	0	804	-39	0	0
15	789	-29	0	0	791	-21	12	189	805	-20	2	255	804	-24	0	0	802	-26	0	0	803	-33	0	0	803	-39	0	0
18	789	-29	0	0	793	-21	12	189	805	-20	0	0	803	-25	0	0	802	-27	0	0	803	-34	0	0	803	-39	0	0
21	790	-27	5	187	794	-19	11	189	806	-22	3	180	803	-25	0	0	802	-27	0	0	804	-35	0	0	803	-39	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	803	-38	1	170	799	-32	0	0	800	-31	0	0	809	-31	0	0	811	-24	0	0	805	-19	9	189	801	-20	2	360
03	803	-38	0	0	799	-32	0	0	801	-31	0	0	810	-31	0	0	810	-22	6	200	802	-19	8	194	800	-21	8	218
06	802	-37	0	0	798	-32	0	0	802	-30	0	0	811	-31	0	0	810	-25	3	189	800	-18	13	180	800	-23	15	246
09	802	-36	0	0	799	-32	1	180	804	-31	0	0	811	-31	0	0	809	-23	1	210	800	-20	17	180	798	-22	13	206
12	802	-36	0	0	799	-31	0	0	805	-31	1	270	812	-30	0	0	808	-21	4	235	802	-20	10	189	800	-25	2	236
15	801	-34	1	267	799	-31	1	189	806	-33	0	0	812	-29	0	0	808	-22	0	0	801	-20	3	205	800	-23	14	180
18	800	-33	2	195	799	-32	0	0	807	-33	0	0	812	-27	0	0	807	-22	4	186	801	-20	6	180	799	-22	19	212
21	800	-34	0	0	800	-32	0	0	808	-32	0	0	812	-27	0	0	806	-19	7	206	802	-24	7	231	802	-24	6	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	799	-24	12	206	812	-21	9	198	809	-20	0	0	813	-20	3	176	808	-23	2	225	810	-19	4	221	801	-23	2	87
03	800	-25	15	206	813	-19	10	218	809	-21	0	0	814	-24	5	189	808	-26	2	201	806	-22	13	165	801	-25	2	263
06	800	-26	16	183	813	-18	7	198	809	-22	0	0	813	-22	0	0	809	-27	3	45	805	-24	11	180	800	-22	8	218
09	802	-26	18	208	814	-20	2	167	809	-23	3	180	813	-21	0	0	811	-28	6	212	805	-23	10	180	802	-24	3	233
12	803	X	14	180	813	-20	4	198	810	-23	0	0	812	-22	0	0	812	-26	7	198	804	-22	5	181	802	-25	3	111
15	806	-25	18	198	812	-18	0	0	810	-22	3	180	810	-23	0	0	812	-24	9	206	803	-21	6	187	803	-26	0	0
18	805	-26	16	189	811	-21	3	180	812	-22	0	0	809	-25	0	0	811	-23	11	206	802	-22	1	104	804	-28	3	161
21	809	-22	12	165	810	-19	0	0	813	-23	3	180	808	-24	1	191	810	-20	2	243	801	-24	0	0	803	-26	4	146
		DAY	29			DAY	30			DAY	31																	
00	805	-26	3	301	807	-22	7	270	800	-27	9	189																
03	805	-26	4	353	806	-23	12	189	799	-27	2	158																
06	805	-26	9	206	806	-23	8	195	797	-25	1	194																
09	806	-26	6	180	806	-24	8	236	797	-27	0	0																
12	807	-26	3	218	804	-23	11	198	796	-29	0	0																
15	807	-24	4	218	803	-26	5	243	796	-30	0	0																
18	807	-23	3	200	803	-26	4	298	795	-30	0	0																
21	807	-24	3	288	801	-26	0	0	794	-30	1	11																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.8 STD DEV = 5.1 MAX = -12.0 AT 2313 GMT ON DAY 3 MIN = -39.2 AT 1751 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 800.0 STD DEV = 8.6 MAX = 814.1 AT 234 GMT ON DAY 25 MIN = 776.2 AT 1424 GMT ON DAY 4
* WINDS (M/S) * MEAN = 4.7 STD DEV = 5.4 RESULTANT = 4.1 FROM 199. CONSTANCY = .86 MAX = 27.5 FROM 203. AT 724 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	42	16	10	9	5	4	6	4	2	0	2	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	1	2	1	1	1	2	4	32	31	15	3	2	2	0	1

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	793	-30	2	180	795	-30	1	193	796	-28	9	180	793	-24	10	206	801	-24	3	250	803	-28	11	180	798	-27	0	0
03	793	-32	2	349	795	-30	2	218	794	-28	13	180	793	-24	12	189	801	-24	2	252	804	-28	6	201	799	-27	0	0
06	793	-32	1	251	795	-29	5	212	794	-28	9	198	793	-24	14	201	801	-26	0	0	803	-28	5	180	801	-29	2	181
09	792	-34	3	126	795	-29	3	180	795	-28	6	204	795	-23	15	198	801	-26	3	191	802	-27	4	206	803	-28	3	189
12	791	-34	5	180	795	-28	4	250	795	-28	7	180	797	-23	10	188	802	-25	1	180	802	-28	2	170	804	-29	5	189
15	791	-35	5	165	794	-29	9	206	795	-27	8	180	797	-22	11	188	802	-26	1	180	801	-28	2	187	805	-29	6	180
18	792	-32	7	219	795	-30	8	180	795	-27	6	180	800	-23	6	198	802	-25	6	198	800	-27	1	188	806	-29	6	195
21	794	-30	5	206	797	-29	2	238	794	-26	12	187	800	-25	8	189	803	-28	9	189	799	-27	0	0	806	-29	4	210
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	804	-30	0	0	801	-21	12	198	803	-20	9	189	811	-21	7	207	807	-26	0	0	798	-26	5	170	789	-28	5	259
03	804	-28	2	168	801	-20	10	189	803	-18	9	179	813	-22	5	189	806	-28	0	0	797	-21	17	211	788	-30	6	191
06	803	-26	0	0	801	-20	12	180	804	-19	6	198	814	-22	8	183	805	-30	2	191	795	-27	13	189	788	-31	12	189
09	803	-25	0	0	801	-20	10	195	804	-18	1	198	814	-22	0	0	803	-29	0	0	792	-27	18	206	791	-28	3	180
12	802	-24	7	180	800	-19	13	180	804	-17	2	229	812	-23	3	206	801	-30	0	0	789	-28	12	197	793	-30	3	210
15	801	-23	9	180	801	-19	7	197	804	-20	6	180	811	-21	1	248	800	-29	1	334	787	-30	17	191	794	-31	6	200
18	801	-21	12	189	802	-19	10	189	804	-21	11	212	809	-21	6	206	799	-25	4	231	786	-29	17	198	795	-34	8	191
21	801	-21	7	212	803	-20	10	180	808	-22	4	206	808	-24	2	188	799	-27	6	225	787	-29	15	206	797	-33	1	297
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	799	-35	4	180	801	-22	3	225	793	-22	0	0	781	-29	3	289	792	-24	3	225	793	-24	4	206	793	-26	6	225
03	800	-33	3	201	800	-22	1	180	791	-25	0	0	781	-28	11	200	793	-24	5	146	792	-24	3	210	791	-27	1	180
06	800	-29	17	184	801	-23	0	0	789	-24	0	0	782	-30	9	189	793	-24	7	180	792	-22	6	198	788	-26	8	206
09	802	-29	18	189	800	-21	1	305	788	-23	0	0	783	-31	13	204	793	-23	6	189	792	-26	2	360	787	-25	0	0
12	801	-28	13	189	800	-22	0	0	786	-21	1	188	784	-33	18	180	793	-25	7	170	791	-31	12	189	784	-27	9	177
15	803	-24	9	189	800	-21	3	225	784	-19	0	0	788	-33	13	191	793	-19	3	270	793	-30	1	108	783	-24	10	186
18	803	-23	5	211	798	-22	0	0	781	-22	7	206	790	-27	16	189	793	-21	1	180	794	-30	4	189	784	-28	1	180
21	802	-21	5	180	797	-23	0	0	780	-30	12	319	793	-26	3	191	793	-21	1	146	794	-26	3	315	783	-30	5	198
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	784	-28	4	198	786	-41	1	315	782	-36	17	206	776	-35	1	189	792	-24	18	177	794	-32	0	0	793	-31	0	0
03	785	-32	1	321	786	-41	7	177	781	-37	16	174	777	-33	4	189	791	-20	7	180	794	-32	2	176	793	-31	0	0
06	786	-35	1	180	786	-39	1	167	781	-33	10	211	780	-31	4	217	792	-25	2	180	794	-33	0	0	792	-30	4	180
09	786	-37	2	138	785	-36	9	225	779	-32	6	225	783	-29	6	207	792	-29	6	204	794	-35	0	0	791	-27	0	0
12	786	-39	0	0	784	-37	16	206	777	-32	5	243	783	-26	14	189	792	-31	3	161	794	-35	0	0	789	-26	0	0
15	787	-41	0	0	783	-40	18	197	776	-34	1	90	786	-25	11	189	792	-31	5	191	793	-34	0	0	786	-19	4	218
18	786	-41	2	80	784	-40	21	212	775	-35	4	207	785	-23	18	180	792	-31	3	189	793	-33	4	212	783	-23	4	210
21	786	-41	0	0	783	-40	14	180	775	-32	6	187	791	-23	6	174	792	-29	4	210	793	-33	5	198	782	-28	10	191
		DAY	29			DAY	30																					
00	782	-29	4	161	787	-29	1	180																				
03	783	-27	3	225	788	-29	1	207																				
06	784	-33	3	180	789	-29	1	161																				
09	785	-34	0	0	791	-29	0	0																				
12	786	-32	0	0	791	-29	0	0																				
15	786	-32	0	0	792	-29	0	0																				
18	786	-31	1	180	791	-30	1	225																				
21	787	-28	1	201	791	-31	0	0																				

MONTHLY SUMMARY

TEMPERATURE (C) * MEAN = -27.6 STD DEV = 5.1 MAX = -16.5 AT 1123 GMT ON DAY 10 MIN = -41.2 AT 1842 GMT ON DAY 22

PRESSURE (MB) * MEAN = 793.8 STD DEV = 8.1 MAX = 814.0 AT 944 GMT ON DAY 11 MIN = 774.9 AT 1932 GMT ON DAY 24

WINDS (M/S) * MEAN = 5.5 STD DEV = 5.0 RESULTANT = 5.0 FROM 195. CONSTANCY = .91 MAX = 30.7 FROM 180. AT 1855 GMT DAY 25

MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	33	15	15	10	9	5	5	2	4	2	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	0	0	1	1	2	4	47	29	8	4	1	1	3	1

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	790	-33	0	0	788	-34	9	180	797	-36	1	161	810	-30	15	225	805	-14	11	206	802	-27	2	217	811	-22	5	225
03	789	-33	1	189	789	-36	14	191	801	X	8	206	812	-29	13	218	801	-13	14	206	804	-26	5	180	809	-21	5	243
06	789	-31	1	315	792	-38	6	179	803	-32	4	211	813	-28	17	218	796	-23	15	189	806	-25	2	282	809	-25	1	225
09	788	-31	2	123	795	-35	8	189	804	-32	5	212	814	-26	15	198	790	-28	7	207	807	-25	2	225	808	-25	0	0
12	787	-30	4	225	796	-34	4	180	805	-32	8	189	813	-24	23	222	789	-29	4	213	808	-27	6	180	806	-27	1	180
15	787	-30	4	186	793	-35	7	170	804	-30	13	189	813	-21	12	218	792	-25	10	221	810	-27	0	0	805	-26	2	189
18	786	-31	11	190	794	-34	1	236	806	-31	12	189	811	-18	13	218	797	-27	5	251	811	-25	0	0	803	-26	3	189
21	787	-31	9	198	795	-35	1	360	807	-29	12	205	808	-16	9	211	799	-26	1	135	811	-22	6	225	801	-23	7	226
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	800	-26	0	0	796	-32	0	0	785	-33	3	189	797	-33	1	225	806	-28	4	231	811	-33	0	0	818	-29	4	180
03	798	-27	1	213	795	-33	1	203	785	-33	0	0	799	-32	0	0	806	-28	4	206	811	-34	1	270	819	-30	6	188
06	797	-27	1	210	794	-34	3	189	786	-34	0	0	800	-33	2	155	807	-29	6	211	812	-35	0	0	821	-31	6	198
09	796	-27	2	139	792	-34	4	189	787	-30	0	0	801	-32	0	0	808	-29	0	0	811	-35	0	0	822	-28	4	270
12	796	-27	0	0	791	-34	6	193	789	-31	2	189	802	-31	1	191	809	-30	0	0	812	-33	0	0	823	-30	0	0
15	796	-28	1	189	789	-32	3	210	791	-31	2	197	803	-30	1	255	810	-30	0	0	813	-31	0	0	822	-29	12	231
18	796	-28	1	270	787	-32	3	174	793	-33	2	181	804	-30	0	0	810	-32	0	0	814	-30	0	0	822	-31	5	113
21	796	-29	0	0	786	-33	3	158	795	-33	0	0	805	-28	0	0	811	-32	0	0	816	-30	1	225	821	-36	5	189
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	821	-38	4	186	822	-32	1	189	812	-25	6	170	809	-26	0	0	806	-38	0	0	799	-36	0	0	784	-42	0	0
03	821	-39	1	180	821	-31	0	0	812	-22	2	186	809	-27	3	232	806	-38	0	0	797	-38	0	0	784	-43	1	206
06	822	-39	0	0	820	-32	2	170	811	-22	2	180	808	-26	2	243	805	-37	0	0	795	-36	0	0	784	-44	0	0
09	822	-39	0	0	820	-30	2	158	811	-23	4	210	807	-29	0	0	804	-35	0	0	792	-36	3	288	784	-45	0	0
12	823	-37	0	0	820	-28	2	146	810	-23	6	198	807	-31	0	0	803	-35	0	0	790	-35	2	216	785	-44	0	0
15	823	-35	0	0	819	-25	3	360	810	-24	0	0	806	-33	0	0	803	-34	0	0	788	-33	5	210	785	-43	2	198
18	823	-35	0	0	817	-24	5	239	811	-27	1	236	807	-38	0	0	801	-34	0	0	786	-38	2	191	786	-40	4	206
21	823	-34	0	0	814	X	6	216	810	-24	1	297	807	-38	0	0	800	-35	0	0	785	-41	0	0	786	-39	4	204
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	787	-37	3	225	799	-28	6	200	803	-27	2	218	798	-29	0	0	789	-26	0	0	784	-26	0	0	784	-31	9	218
03	789	-35	3	210	800	-28	2	225	803	-28	2	206	797	-28	0	0	788	-26	0	0	784	-27	0	0	785	-31	14	221
06	790	-33	6	206	800	-28	6	206	803	-29	0	0	796	-28	1	201	787	-26	0	0	784	-29	2	210	785	-32	11	174
09	793	-32	4	184	800	-28	3	206	802	-28	0	0	796	-28	0	0	786	-26	0	0	782	-27	7	218	786	-31	12	180
12	795	-31	4	224	800	-28	5	204	801	-29	0	0	794	-27	0	0	785	-26	0	0	781	-29	10	198	787	-31	10	206
15	796	-30	5	212	801	-26	4	225	801	-29	0	0	794	-27	0	0	785	-26	0	0	782	-29	9	194	789	-31	12	198
18	797	-29	5	225	802	-27	4	210	800	-29	0	0	792	-27	0	0	785	-26	0	0	781	-30	12	162	789	-30	12	183
21	798	-29	6	218	802	-29	0	0	799	-29	0	0	791	-27	0	0	785	-27	0	0	783	-31	5	225	792	-29	6	214
		DAY	29			DAY	30			DAY	31																	
00	794	-29	10	198	800	-27	2	177	797	-26	4	270																
03	796	-28	1	180	800	-26	2	168	797	-27	4	180																
06	795	-26	3	228	800	-24	3	174	797	-27	5	201																
09	796	-30	5	167	800	-22	2	179	795	-29	1	243																
12	796	-29	0	0	798	-24	7	183	794	-29	3	148																
15	797	-27	4	243	799	-22	4	263	793	-30	2	180																
18	799	-27	2	180	798	-22	11	218	791	-28	8	242																
21	798	-23	4	203	796	-24	10	225	790	-29	5	260																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.8 STD DEV = 5.0 MAX = -11.9 AT 243 GMT ON DAY 5 MIN = -44.7 AT 1223 GMT ON DAY 21
* PRESSURE (MB) * MEAN = 800.0 STD DEV = 10.9 MAX = 823.4 AT 1442 GMT ON DAY 15 MIN = 781.0 AT 1746 GMT ON DAY 27
* WINDS (M/S) * MEAN = 3.5 STD DEV = 4.1 RESULTANT = 3.1 FROM 205. CONSTANCY = .89 MAX = 24.1 FROM 215. AT 1004 GMT DAY 5
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	51	15	15	5	4	4	4	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	0	0	0	1	2	5	30	27	23	5	4	2	1	0

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	793	-34	0	0	792	-35	8	189	786	-30	11	219	783	-28	8	206	786	-31	7	198	785	-30	4	231
03	788	-34	3	180	793	-33	3	243	792	-35	7	200	785	-30	12	191	783	-26	5	224	786	-30	6	206	785	-29	6	218
06	788	-36	3	186	793	-33	8	198	791	-33	7	189	783	-29	15	189	782	-27	1	225	786	-32	5	190	785	-28	5	198
09	789	-36	0	0	792	-33	9	201	790	-33	8	180	782	-29	16	189	782	-26	9	218	786	-32	8	225	785	-28	6	188
12	790	-36	0	0	792	-34	8	189	790	-33	8	186	782	-28	16	180	783	-28	2	189	786	-32	8	180	785	-27	10	200
15	791	-35	0	0	792	-34	8	180	789	-32	9	206	782	-28	13	183	783	-29	9	218	787	-31	6	218	786	-28	13	198
18	792	-34	1	239	792	-34	8	206	788	-31	12	198	782	-28	13	198	784	-30	5	198	786	-32	5	189	788	-30	9	218
21	793	-33	3	224	792	-34	8	198	787	-30	14	206	782	-27	10	198	785	-30	3	180	785	-30	4	205	790	-30	10	215
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	790	-29	8	218	795	-31	8	200	797	-27	5	177	790	-23	9	206	792	-23	7	190	793	-23	10	189	801	-25	6	206
03	790	-27	9	218	796	-32	9	206	796	-26	7	218	789	-22	11	212	791	-21	2	250	795	-23	10	212	801	-23	7	225
06	789	-27	9	189	798	-31	7	206	795	-25	7	225	787	-20	13	218	790	-22	1	180	797	-24	10	198	800	-25	4	193
09	789	-27	14	190	798	-31	6	198	795	-25	8	206	788	-23	10	186	788	-20	1	189	798	-24	11	206	799	-26	4	180
12	790	-27	11	203	799	-31	6	190	794	-24	4	210	789	-23	13	206	789	-21	0	0	800	-25	9	198	798	-26	8	225
15	791	-28	11	188	799	-29	5	198	792	-24	7	207	792	-24	13	189	791	-23	2	236	801	-25	8	194	797	-28	1	180
18	793	-29	9	198	798	-30	4	158	792	-24	11	206	791	-23	10	198	791	-23	9	181	802	-26	8	198	795	-26	1	176
21	795	-31	8	206	798	-27	5	201	791	-24	12	203	792	-23	8	189	792	-23	9	189	802	-25	1	231	793	-26	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	791	-27	0	0	776	-29	0	0	785	-27	6	231	794	-29	9	181	797	-31	0	0	790	-33	0	0	789	-35	0	0
03	788	-26	1	170	776	-28	0	0	787	-27	9	210	796	-29	9	206	796	-32	0	0	789	-34	0	0	791	-35	0	0
06	786	-27	4	212	777	-27	1	233	788	-28	10	206	796	-30	6	198	796	-34	0	0	788	-34	0	0	794	-37	0	0
09	782	-26	4	201	778	-27	8	198	791	-27	9	198	797	-29	4	218	795	-34	0	0	787	-32	0	0	796	-37	0	0
12	779	-27	2	210	779	-26	3	207	793	-28	7	201	798	-30	0	0	795	-34	0	0	787	-32	1	295	797	-37	0	0
15	777	-27	0	0	780	-26	1	211	793	-28	6	198	798	-30	0	0	794	-33	0	0	786	-33	0	0	798	-36	0	0
18	775	-28	0	0	782	-28	1	210	793	-28	10	193	798	-31	0	0	793	-33	0	0	786	-33	0	0	799	-37	0	0
21	775	-28	0	0	784	-28	7	218	793	-28	7	189	797	-30	1	291	792	-34	0	0	787	-34	0	0	799	-37	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	798	-38	0	0	788	-36	0	0	783	-37	0	0	789	-40	0	0	784	-31	0	0	787	-26	0	0	789	-23	4	225
03	795	-38	0	0	788	-37	0	0	783	-39	0	0	788	-41	0	0	785	-30	0	0	788	-26	0	0	789	-23	5	222
06	793	-38	0	0	788	-38	0	0	783	-39	0	0	788	-38	3	189	784	-29	1	180	788	-25	0	0	789	-23	4	218
09	790	-37	0	0	787	-38	0	0	784	-40	0	0	787	-37	0	0	785	-28	0	0	789	-24	0	0	788	-23	1	231
12	789	-36	0	0	786	-38	1	180	784	-39	0	0	787	-37	3	198	786	-30	1	167	789	-25	1	251	788	-23	2	225
15	788	-35	0	0	785	-38	0	0	785	-39	0	0	786	-35	4	179	786	-30	4	180	789	-23	0	0	789	-23	0	0
18	788	-35	0	0	784	-38	0	0	786	-40	1	180	785	-34	0	0	786	-29	5	187	789	-22	3	206	790	-23	1	213
21	788	-35	0	0	783	-37	1	195	788	-40	1	153	785	-33	0	0	786	-27	2	210	789	-23	6	211	791	-25	0	0
		DAY	29			DAY	30			DAY	31																	
00	792	-26	0	0	799	-29	0	0	801	-30	0	0																
03	793	-26	2	218	799	-29	0	0	801	-30	0	0																
06	794	-27	0	0	799	-30	0	0	802	-30	0	0																
09	795	-26	0	0	799	-31	0	0	803	-29	0	0																
12	796	-27	0	0	799	-30	0	0	804	-30	0	0																
15	796	-28	0	0	800	-31	0	0	805	-31	0	0																
18	797	-29	0	0	800	-31	0	0	805	-31	0	0																
21	798	-29	0	0	800	-31	0	0	805	-31	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.7 STD DEV = 4.8 MAX = -19.0 AT 808 GMT ON DAY 12 MIN = -41.0 AT 123 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 790.5 STD DEV = 6.1 MAX = 805.5 AT 2217 GMT ON DAY 31 MIN = 775.0 AT 1917 GMT ON DAY 15
* WINDS (M/S) * MEAN = 4.0 STD DEV = 4.3 RESULTANT = 3.8 FROM 201. CONSTANCY = .95 MAX = 24.8 FROM 194. AT 1130 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	49	8	11	11	12	5	4	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	0	0	0	2	30	43	21	3	0	1	0	0

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	805	-31	0	0	799	-32	1	294	803	-29	2	255	803	-28	0	0	796	-30	1	180	783	-36	2	216	786	-34	0	0
03	805	-30	0	0	798	-33	0	0	804	-27	2	173	803	-30	1	170	794	-30	3	184	783	-35	0	0	786	-32	1	248
06	804	-29	3	260	797	-34	0	0	805	-26	0	0	801	-30	1	158	792	-28	2	255	783	-35	1	233	787	-34	3	210
09	804	-29	4	276	796	-34	0	0	805	-26	0	0	801	-30	0	0	789	-33	2	134	783	-36	1	243	788	-33	1	191
12	803	-30	2	270	797	-32	4	35	805	-25	0	0	801	-32	0	0	787	-34	0	0	784	-35	5	210	788	-32	0	0
15	801	-31	1	282	798	-32	3	189	805	-26	0	0	800	-33	0	0	785	-34	1	189	784	-35	1	239	789	-32	0	0
18	800	-32	0	0	800	-32	0	0	805	-28	0	0	799	-34	0	0	784	-35	0	0	785	-35	2	206	790	-30	0	0
21	799	-32	0	0	802	-30	4	198	804	-29	0	0	798	-34	0	0	784	-35	1	233	785	-36	2	180	791	-31	2	170
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	792	-30	6	198	797	-25	11	198	791	-24	8	216	792	-25	2	180	786	-27	0	0	785	-32	0	0	788	-32	0	0
03	793	-31	3	183	799	-25	11	218	791	-25	3	251	792	-23	0	0	786	-27	1	170	785	-32	0	0	788	-33	0	0
06	795	-30	4	205	800	-25	0	0	792	-26	0	0	791	-25	1	201	786	-29	0	0	785	-35	0	0	788	-38	0	0
09	795	-30	8	189	799	-24	4	225	793	-27	0	0	790	-26	0	0	786	-31	0	0	785	-37	0	0	788	-38	0	0
12	795	-25	9	206	796	-22	4	210	793	-27	0	0	789	-26	0	0	785	-31	0	0	786	-36	0	0	788	-36	0	0
15	794	-33	12	218	795	-24	0	0	793	-27	1	270	788	-26	1	177	785	-32	0	0	786	-35	0	0	787	-38	0	0
18	795	-23	18	198	793	-24	7	197	793	-28	0	0	787	-26	0	0	785	-32	0	0	786	-35	0	0	787	-38	0	0
21	796	-24	15	198	791	-24	9	173	793	-27	4	186	787	-27	2	191	785	-33	0	0	787	-35	0	0	787	-37	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	787	-37	0	0	787	-34	3	206	792	-27	0	0	792	-26	0	0	786	-24	11	186	790	-26	9	163	792	-25	9	201
03	786	-35	0	0	787	-32	0	0	792	-27	0	0	791	-25	0	0	787	-25	8	206	791	-27	8	231	791	-22	1	239
06	786	-37	0	0	788	-33	0	0	793	-31	0	0	790	-25	0	0	788	-26	9	198	793	-27	6	198	790	-22	5	214
09	786	-37	0	0	789	-34	0	0	793	-32	0	0	788	-26	1	273	787	-25	8	214	794	-27	8	198	788	-23	0	0
12	786	-37	1	225	790	-33	0	0	793	-31	0	0	786	-24	2	218	787	-24	10	210	793	-26	8	226	785	-21	0	0
15	786	-37	0	0	790	-32	0	0	794	-31	0	0	785	-23	6	206	787	-24	11	189	793	-26	10	180	783	-20	0	0
18	786	-35	2	208	791	-32	0	0	793	-31	0	0	783	-23	11	198	787	-25	12	198	793	-26	9	208	781	-23	4	180
21	786	-35	0	0	791	-31	0	0	793	-29	0	0	784	-23	13	214	789	-26	10	206	792	-24	9	189	779	-19	5	224
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	779	-20	4	180	788	-27	0	0	789	-27	0	0	788	-29	0	0	786	-26	3	213	781	-26	0	0	797	-26	0	0
03	778	-23	6	197	790	-27	0	0	789	-26	0	0	788	-28	0	0	784	-26	3	206	782	-23	0	0	798	-26	2	198
06	778	-23	0	0	790	-28	0	0	788	-29	0	0	X	X	X	X	783	-27	4	197	785	-26	0	0	798	-27	4	198
09	779	-27	0	0	791	-28	0	0	788	-30	0	0	790	-29	0	0	782	-27	2	239	787	-27	0	0	798	-27	3	189
12	780	-28	0	0	791	-28	0	0	787	-31	0	0	790	-28	1	189	780	-28	0	0	790	-29	0	0	797	-26	4	225
15	782	-31	0	0	791	-28	0	0	787	-31	0	0	790	-28	0	0	779	-27	0	0	792	-29	0	0	795	-26	4	203
18	784	-31	0	0	791	-30	0	0	787	-32	0	0	789	-29	5	211	779	-27	0	0	794	-28	0	0	793	-27	2	201
21	786	-29	0	0	790	-29	0	0	787	-31	0	0	788	-28	5	218	779	-25	0	0	796	-27	0	0	791	-25	0	0
		DAY	29			DAY	30																					
00	788	-23	0	0	779	-22	10	218																				
03	786	-21	0	0	779	-23	10	212																				
06	784	-21	3	239	780	-24	7	218																				
09	782	-23	0	0	780	-23	0	0																				
12	781	-23	0	0	780	-23	0	0																				
15	780	-23	0	0	780	-21	0	0																				
18	780	-21	1	191	781	-20	1	216																				
21	780	-20	3	189	782	-21	15	205																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -28.6 STD DEV = 4.4 MAX = -18.2 AT 2123 GMT ON DAY 21 MIN = -38.5 AT 907 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 789.8 STD DEV = 6.6 MAX = 805.4 AT 912 GMT ON DAY 3 MIN = 777.8 AT 443 GMT ON DAY 22
* WINDS (M/S) * MEAN = 2.2 STD DEV = 3.5 RESULTANT = 1.9 FROM 205. CONSTANCY = .86 MAX = 18.4 FROM 198. AT 1754 GMT DAY 8
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	70	8	7	4	5	5	0	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	1	0	0	0	1	2	26	36	19	9	5	2	0	0

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	782	-23	16	189	786	-23	12	222	778	-22	0	0	784	-25	0	0	794	-25	0	0	793	-26	0	0	799	-28	0	0
03	782	-23	18	198	786	-23	9	198	777	-25	0	0	785	-25	0	0	793	-26	1	360	793	-26	0	0	799	-28	0	0
06	782	-23	16	218	786	-23	10	206	777	-25	0	0	787	-25	0	0	793	-26	1	360	793	-26	0	0	799	-28	0	0
09	783	-23	15	206	785	-24	10	206	778	-29	0	0	789	-27	0	0	793	-29	0	0	795	-29	0	0	798	-31	0	0
12	783	-23	16	189	784	-22	6	225	779	-28	0	0	790	-27	0	0	793	-30	0	0	795	-30	1	186	798	-31	1	191
15	783	-24	12	180	783	-22	5	189	780	-29	0	0	792	-27	0	0	793	-30	0	0	796	-31	0	0	798	-31	0	0
18	785	-24	13	225	781	-23	1	255	781	-29	0	0	792	-28	0	0	793	-29	0	0	797	-31	0	0	799	-31	0	0
21	787	-24	10	180	779	-22	0	0	782	-27	0	0	793	-24	0	0	793	-27	0	0	798	-29	0	0	800	-28	1	233
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	801	-27	2	181	803	-23	10	218	797	-22	6	218	797	-23	1	360	804	-26	0	0	805	-23	0	0	796	-27	0	0
03	802	-26	2	180	803	-22	8	263	797	-21	8	198	797	-23	1	315	806	-25	2	360	804	-23	0	0	796	-29	0	0
06	803	-26	4	207	803	-23	7	206	798	-22	1	216	797	-23	0	0	807	-25	0	0	803	-24	0	0	796	-31	0	0
09	804	-27	4	206	803	-25	1	201	797	-23	0	0	797	-27	0	0	808	-27	0	0	801	-25	0	0	796	-35	0	0
12	802	-26	10	218	801	-25	2	225	798	-25	0	0	798	-27	0	0	808	-28	0	0	800	-26	0	0	796	-38	0	0
15	803	-26	7	215	799	-26	4	189	798	-25	0	0	799	-27	0	0	808	-28	0	0	799	-27	0	0	796	-38	0	0
18	803	-25	9	198	798	-26	4	189	798	-25	0	0	801	-27	0	0	807	-28	0	0	798	-27	0	0	797	-37	0	0
21	802	-24	13	191	797	-22	7	198	798	-24	0	0	803	-27	1	180	806	-25	0	0	797	-27	0	0	798	-32	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	798	-33	3	141	798	-29	6	191	801	-27	5	206	804	-22	3	218	802	-20	0	0	791	-22	0	0	789	-27	2	19
03	798	-33	0	0	798	-29	7	189	801	-27	4	194	804	-22	3	201	801	-20	0	0	789	-24	0	0	790	-27	0	0
06	798	-32	0	0	798	-30	7	206	802	-26	3	206	804	-22	1	233	799	-21	1	304	789	-24	2	8	791	-28	3	107
09	798	-34	5	218	799	-31	5	206	802	-26	1	225	805	-22	2	198	798	-24	3	180	789	-26	3	342	793	-30	0	0
12	798	-33	5	208	799	-31	6	184	803	-26	1	231	805	-23	1	248	797	-25	2	206	788	-29	8	180	793	-33	4	198
15	798	-33	6	210	799	-30	3	225	803	-25	1	249	804	-23	1	180	795	-28	7	198	788	-26	5	208	794	-34	0	0
18	798	-32	7	198	800	-30	6	201	803	-24	3	206	804	-23	0	0	793	-25	2	166	788	-27	2	205	794	-33	0	0
21	798	-31	8	189	800	-28	1	236	804	-23	2	219	803	-21	0	0	792	-25	2	270	788	-27	2	270	795	-32	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	796	-31	0	0	798	-29	7	204	793	-26	14	205	795	-22	18	193	793	-20	6	251	791	-22	2	189	808	-21	8	198
03	797	-31	1	22	797	-29	2	153	794	-25	7	201	794	-22	17	218	792	-20	4	235	792	-21	1	330	810	-20	5	218
06	797	-32	1	1	796	-29	1	180	793	-23	10	218	795	-21	13	191	791	-21	4	260	795	-23	4	225	810	-19	4	235
09	797	-34	0	0	796	-30	6	205	794	-25	8	206	796	-23	9	218	790	-22	4	206	796	-24	6	206	811	-20	3	251
12	798	-32	2	206	794	-28	7	252	794	-26	11	235	794	-22	6	218	790	-25	1	210	797	-27	0	0	811	-20	1	225
15	798	-32	5	206	792	-29	13	198	794	-25	11	201	795	-23	6	233	789	-26	2	180	799	-28	5	206	810	-21	0	0
18	798	-31	2	231	792	-29	12	180	794	-24	13	193	794	-22	4	248	789	-24	5	180	801	-26	6	198	808	-22	7	206
21	798	-29	4	181	792	-27	12	218	794	-23	11	189	793	-21	7	158	789	-23	0	0	804	-22	9	206	807	-17	2	251
		DAY	29			DAY	30			DAY	31																	
00	807	-16	3	270	802	-18	7	189	789	-19	2	225																
03	808	-15	4	297	800	-21	16	180	787	-17	3	301																
06	807	-15	1	180	800	-21	13	188	785	-18	3	336																
09	806	-17	2	186	800	-21	8	212	784	-19	0	0																
12	805	-18	3	180	800	-21	5	189	784	-20	0	0																
15	804	-20	5	198	798	-21	8	231	784	-20	1	206																
18	803	-19	9	218	794	-21	7	189	784	-19	2	201																
21	804	-18	1	307	791	-20	4	177	786	-18	3	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.3 STD DEV = 4.3 MAX = -14.1 AT 415 GMT ON DAY 29 MIN = -39.1 AT 1701 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 795.9 STD DEV = 7.2 MAX = 825.9 AT 531 GMT ON DAY 23 MIN = 776.6 AT 306 GMT ON DAY 3
* WINDS (M/S) * MEAN = 3.6 STD DEV = 4.3 RESULTANT = 3.1 FROM 206. CONSTANCY = .87 MAX = 23.9 FROM 184. AT 308 GMT DAY 1
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	52	13	11	9	4	4	4	1	2	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	4	1	0	0	0	1	1	2	24	33	22	5	3	1	2	2

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	788	-17	9	180	803	-19	5	191	802	-18	1	201	801	-15	4	189	793	-18	2	80	799	-22	5	189	802	-25	11	189
03	789	-19	9	180	804	-19	5	194	801	-19	2	205	800	-13	3	186	791	-18	4	339	798	-23	7	195	803	-25	11	189
06	791	-20	11	189	804	-18	2	198	801	-20	5	189	799	-11	0	0	791	-20	1	343	799	-24	17	195	803	-24	14	194
09	794	-22	7	206	804	-20	3	218	801	-21	2	225	797	-14	4	180	791	-22	0	0	801	-24	4	174	803	-24	5	186
12	797	-23	8	210	803	-19	5	218	801	-23	0	0	797	-18	7	206	793	-23	0	0	801	-25	4	213	802	-25	10	180
15	799	-23	5	205	803	-21	7	184	801	-23	5	221	797	-21	2	260	795	-24	0	0	801	-25	9	188	802	-24	8	189
18	801	-22	5	198	802	-20	8	195	802	-21	3	218	795	-22	3	190	797	-24	0	0	801	-26	12	206	802	-25	9	197
21	802	-20	2	210	803	-20	3	198	802	-18	2	210	793	-20	2	270	799	-24	1	146	801	-26	12	180	801	-23	9	191
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	800	-21	8	189	792	-17	9	167	796	-16	11	184	810	-16	13	193	815	-18	5	206	810	-14	7	218	811	-14	10	198
03	799	-22	9	189	792	-17	4	189	798	-16	13	225	811	-16	11	180	814	-17	4	190	810	-13	5	180	811	-13	10	198
06	798	-22	8	198	790	-16	4	206	800	-15	14	180	812	-17	7	174	813	-16	1	201	809	-13	10	206	811	-14	11	188
09	797	-22	8	186	790	-18	9	183	801	-15	14	189	813	-18	7	189	813	-18	2	206	810	-15	10	189	812	-14	9	198
12	797	-22	9	218	788	-18	10	186	803	-15	13	177	814	-19	8	210	812	-18	0	0	810	-15	11	204	812	-14	7	198
15	797	-22	5	206	790	-17	13	189	805	-16	10	183	814	-19	6	214	812	-17	0	0	809	-16	11	180	812	-14	14	188
18	796	-21	3	189	791	-17	15	189	807	-17	9	210	814	-20	4	225	811	-15	0	0	809	-15	16	206	811	-13	9	189
21	795	-18	6	236	795	-17	13	198	808	-16	13	189	815	-19	1	167	810	-14	2	170	811	-15	10	189	811	-12	7	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	811	-10	3	198	803	-13	3	206	800	-14	1	270	802	-18	2	343	800	-17	1	184	796	-17	11	242	804	-13	8	180
03	809	-9	2	349	802	-12	0	0	800	-14	3	225	801	-20	4	198	800	-16	3	360	796	-17	20	195	806	-14	8	191
06	808	-11	1	324	802	-12	0	0	800	-16	3	180	801	-19	3	206	800	-16	1	360	797	-17	11	189	807	-14	8	206
09	806	-14	3	300	801	-15	0	0	801	-18	4	180	801	-21	4	206	800	-19	0	0	799	-16	8	180	809	-15	7	218
12	806	-15	0	0	801	-17	0	0	801	-19	3	184	802	-22	2	194	799	-19	2	198	800	-17	10	198	810	-15	7	180
15	805	-15	0	0	800	-16	0	0	801	-19	4	225	801	-22	4	235	799	-20	2	191	801	-16	9	184	810	-15	8	206
18	804	-15	3	142	800	-17	2	161	801	-19	3	180	801	-21	1	213	798	-19	4	194	802	-15	5	221	811	-14	7	212
21	803	-13	1	152	800	-14	0	0	802	-18	0	0	800	-20	4	189	798	-18	5	206	803	-14	6	189	812	-14	8	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	813	-13	6	183	815	-10	3	315	809	-12	4	315	809	-13	4	180	814	-13	6	215	815	-9	9	187	812	-10	4	180
03	813	-14	6	180	814	-11	1	343	808	-12	3	349	810	-13	4	180	814	-13	7	189	815	-9	3	184	812	-10	5	180
06	814	-14	7	188	813	-12	2	339	808	-13	3	354	811	-14	5	189	815	-13	9	198	815	-9	3	170	811	-11	5	190
09	815	-15	8	225	813	-14	0	0	808	-15	1	336	811	-15	4	226	816	-13	7	200	815	-11	2	180	811	-12	3	189
12	816	-15	6	198	812	-15	3	180	808	-16	0	0	812	-15	5	198	816	-12	4	214	815	-12	4	191	811	-12	1	180
15	816	-14	2	207	811	-16	3	189	808	-15	1	135	812	-15	4	225	815	-12	6	198	814	-13	5	153	811	-14	4	183
18	816	-13	0	0	810	-14	0	0	808	-15	2	167	813	-14	5	198	815	-12	8	198	813	-12	4	218	811	-13	3	180
21	816	-11	0	0	810	-13	1	343	809	-14	1	304	813	-14	6	184	816	-10	4	189	813	-11	3	189	811	-13	4	304
		DAY	29			DAY	30																					
00	811	-12	3	289	812	-12	2	360																				
03	811	-12	4	315	812	-12	3	360																				
06	812	-12	4	301	812	-12	2	6																				
09	812	-14	3	301	813	-14	1	339																				
12	812	-14	0	0	813	-15	2	289																				
15	812	-15	0	0	813	-15	2	161																				
18	812	-14	0	0	814	-14	0	0																				
21	812	-14	2	349	814	-14	2	315																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -16.4 STD DEV = 3.9 MAX = -7.9 AT 233 GMT ON DAY 15 MIN = -25.6 AT 1859 GMT ON DAY 6
* PRESSURE (MB) * MEAN = 805.3 STD DEV = 7.2 MAX = 816.1 AT 1448 GMT ON DAY 22 MIN = 787.3 AT 1111 GMT ON DAY 9
* WINDS (M/S) * MEAN = 5.1 STD DEV = 3.9 RESULTANT = 4.4 FROM 197. CONSTANCY = .86 MAX = 19.8 FROM 195. AT 304 GMT DAY 20
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	24	23	17	12	11	6	4	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	4	0	0	0	0	0	1	3	41	28	10	0	1	2	3	4

STATION : 8908 ASGARD, DRY VALLEYS LAT : 77.6 S LONG : 160.1E ELEVATION : 1750 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	815	-12	3	360	816	-11	3	324	813	-12	0	0	804	-13	0	0	800	-14	0	0	804	-14	5	172	809	-13	3	189
03	815	-14	3	15	816	-10	5	323	810	-14	0	0	803	-13	4	180	800	-15	2	327	804	-13	4	198	810	-13	5	172
06	815	-14	2	11	816	-11	3	360	809	-13	1	309	803	-15	2	243	801	-15	1	297	805	-14	6	180	809	-13	4	206
09	816	-15	1	339	817	-12	2	335	808	-14	0	0	802	-17	2	181	802	-17	1	206	807	-14	4	206	810	-16	5	206
12	816	-14	0	0	817	-12	2	292	807	-15	0	0	801	-18	3	194	802	-17	1	195	807	-16	6	225	811	-16	6	206
15	816	-15	1	173	816	-13	0	0	806	-15	1	180	801	-18	3	161	802	-16	3	201	807	-15	8	201	811	-16	5	190
18	815	-14	2	180	816	-12	2	323	805	-15	1	315	800	-17	2	315	802	-16	4	189	808	-14	7	200	811	-16	6	232
21	816	-12	1	354	814	-12	0	0	805	-13	0	0	800	-16	0	0	803	-15	4	180	809	-14	5	189	810	-15	12	198
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	811	-14	4	225	806	-11	0	0	808	-12	4	198	813	-10	8	206	815	-8	3	360	815	-10	20	201	819	-11	10	184
03	810	-14	4	206	806	-12	2	180	808	-11	4	222	814	-11	8	180	815	-7	1	315	815	-10	14	198	820	-12	14	201
06	809	-14	4	233	806	-11	0	0	809	-12	4	189	813	-11	9	194	815	-8	3	189	815	-10	13	198	821	-12	13	189
09	809	-15	4	218	807	-13	0	0	809	-13	12	184	814	-11	7	172	816	-10	0	0	815	-11	22	201	821	-12	13	198
12	808	-15	3	225	807	-13	0	0	809	-13	11	180	815	-11	1	210	816	-10	5	198	816	-12	18	174	822	-13	9	204
15	807	-15	2	206	807	-13	0	0	810	-13	11	189	815	-11	0	0	815	-11	10	180	817	-12	14	180	822	-13	13	180
18	806	-15	5	170	807	-13	1	309	812	-12	11	203	815	-10	1	201	815	-11	13	180	817	-13	16	189	823	-12	9	184
21	806	-13	0	0	808	-12	3	349	813	-12	8	204	815	-8	1	198	815	-11	13	194	819	-12	12	180	823	-11	10	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	824	-10	10	206	825	-7	8	180	827	-3	0	0	825	-4	6	198	825	-6	3	309	817	-9	2	292	817	-9	1	19
03	825	-9	9	189	825	-7	8	169	826	-3	1	194	824	-3	3	239	823	-6	4	180	817	-8	2	180	817	-10	3	37
06	826	-9	6	201	825	-7	7	180	826	-3	3	190	825	-5	6	189	823	-7	4	180	817	-9	0	0	817	-11	3	37
09	826	-9	7	206	826	-7	6	180	826	-4	4	218	825	-6	4	180	821	-9	2	269	818	-10	1	206	816	-11	0	0
12	826	-9	7	198	826	-8	6	198	826	-4	4	206	826	-7	3	189	819	-9	11	218	818	-10	1	200	816	-12	0	0
15	825	-9	8	173	826	-8	4	198	825	-5	6	206	825	-7	4	214	819	-10	2	243	818	-11	2	189	816	-13	0	0
18	826	-9	10	189	827	-8	4	205	825	-4	5	198	825	-7	2	189	818	-12	3	295	818	-10	2	198	816	-12	0	0
21	825	-8	8	187	827	-5	2	198	824	-4	5	189	825	-7	3	302	817	-10	4	206	817	-9	1	239	817	-12	2	45
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	818	-11	3	65	819	-12	1	7	816	-12	4	270	822	-10	3	19	823	-8	2	297	819	-10	2	54	827	-10	1	360
03	818	-12	5	54	818	-11	1	22	817	-11	3	311	823	-11	0	0	822	-10	2	307	820	-10	3	27	828	-10	1	349
06	819	-12	3	37	817	-12	3	309	817	-11	4	321	824	-11	0	0	821	-9	1	12	821	-10	3	69	828	-9	1	3
09	820	-13	3	45	817	-13	3	180	818	-12	1	301	824	-11	0	0	821	-10	1	315	822	-12	2	77	828	-10	0	0
12	820	-13	1	49	817	-14	2	180	819	-13	0	0	824	-12	1	308	820	-11	2	309	823	-12	0	0	828	-9	0	0
15	820	-13	0	0	816	-14	2	187	820	-13	0	0	824	-12	0	0	819	-11	1	336	824	-12	0	0	828	-11	2	189
18	819	-12	0	0	816	-13	2	300	821	-13	1	350	824	-10	0	0	819	-10	1	309	825	-11	0	0	828	-9	2	189
21	819	-12	1	339	816	-12	4	301	822	-11	1	360	824	-9	0	0	819	-9	1	360	826	-10	0	0	827	-9	3	198
		DAY	29			DAY	30			DAY	31																	
00	826	-9	3	260	821	-8	2	360	824	-11	0	0																
03	825	-9	4	198	821	-9	2	45	X	X	X	X																
06	824	-10	3	180	822	-10	0	0	X	X	X	X																
09	823	-11	2	269	822	-11	0	0	X	X	X	X																
12	822	-12	1	177	823	-12	1	328	X	X	X	X																
15	821	-12	3	189	823	-12	0	0	X	X	X	X																
18	821	-11	1	315	823	-11	0	0	X	X	X	X																
21	821	-10	1	343	824	-10	0	0	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -11.1 STD DEV = 2.9 MAX = -2.2 AT 458 GMT ON DAY 17 MIN = -18.4 AT 1032 GMT ON DAY 4

* PRESSURE (MB) * MEAN = 816.8 STD DEV = 7.3 MAX = 828.3 AT 1203 GMT ON DAY 28 MIN = 799.9 AT 1804 GMT ON DAY 4

* WINDS (M/S) * MEAN = 3.8 STD DEV = 3.9 RESULTANT = 2.6 FROM 198. CONSTANCY = .69 MAX = 22.2 FROM 201. AT 836 GMT DAY 13

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.8 % PRESSURE: 2.8 % WINDS: 2.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	41	27	12	6	5	4	4	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	7	3	5	2	0	0	0	1	30	26	5	2	2	5	9	4

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	868	-9	12	243	871	-10	8	243	868	-7	5	339	871	-3	3	54	871	-6	2	315	868	-4	1	270	865	-9	7	90
03	869	-10	11	260	871	-12	5	248	867	-6	4	309	872	-4	0	0	871	-7	2	309	868	-6	0	0	866	-9	4	141
06	869	-11	10	260	870	-15	5	260	868	-7	5	307	872	-5	2	338	870	-7	4	338	867	-8	1	270	866	-11	6	141
09	870	-12	12	260	870	-15	5	270	868	-7	6	309	873	-7	3	360	870	-9	4	309	867	-7	1	233	867	-13	7	141
12	869	-11	16	250	870	-13	3	270	869	-6	5	270	873	-4	0	0	870	-9	2	253	866	-7	1	260	868	-13	6	141
15	870	-11	14	239	869	-8	2	277	869	-5	4	267	873	-5	1	330	869	-5	2	270	865	-5	5	208	868	-12	9	141
18	871	-10	9	225	869	-7	5	321	870	-4	4	225	872	-4	2	6	869	-2	0	0	864	-4	4	180	869	-12	8	148
21	871	-9	9	225	868	-8	5	360	871	-2	4	231	872	-5	3	349	869	-1	1	349	864	-6	5	159	869	-13	8	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	870	-12	7	127	868	-12	3	163	866	-9	0	0	868	-11	6	172	864	-12	3	141	866	-7	2	225	866	-12	3	180
03	871	-14	4	141	867	-13	3	180	866	-11	1	343	869	-15	2	190	864	-16	2	210	866	-8	2	225	866	-16	3	225
06	871	-17	3	180	867	-14	2	225	867	-10	1	301	868	-19	3	198	864	-19	3	221	866	-10	3	214	866	-18	3	225
09	870	-17	4	180	867	-19	2	232	867	-8	1	309	867	-17	5	180	864	-14	3	200	867	-15	4	206	866	-18	3	229
12	871	-16	5	152	866	-17	2	240	868	-5	0	0	865	-16	6	180	865	-12	0	0	867	-13	4	150	866	-15	2	224
15	870	-14	3	141	866	-13	1	225	868	-6	3	219	865	-14	7	150	865	-10	2	330	867	-11	4	180	866	-11	3	225
18	869	-12	3	141	866	-8	0	0	868	-7	4	198	864	-12	7	145	865	-10	4	294	867	-10	7	159	866	-9	2	180
21	869	-11	2	135	867	-7	0	0	868	-9	6	180	864	-12	6	141	866	-8	4	239	867	-10	4	141	866	-10	3	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	867	-12	2	180	872	-11	3	225	870	-8	4	219	868	-12	5	122	870	-13	12	128	867	-15	9	145	862	-14	4	180
03	868	-16	2	186	872	-15	3	225	870	-11	3	180	868	-13	7	141	870	-14	12	121	866	-16	2	191	862	-16	3	173
06	869	-20	2	225	871	-17	4	239	870	-17	2	225	868	-14	11	141	871	-16	11	141	865	-19	4	188	862	-18	3	195
09	870	-20	3	206	871	-17	3	243	869	-17	0	0	868	-16	9	141	871	-16	11	141	864	-20	4	189	862	-17	6	194
12	871	-16	3	180	871	-14	4	250	868	-14	1	162	868	-15	10	149	870	-16	10	141	864	-17	4	180	862	-15	6	180
15	871	-12	4	180	871	-8	3	270	867	-12	5	45	868	-14	10	117	869	-15	11	142	863	-15	6	162	862	-13	7	180
18	872	-10	4	177	870	-5	4	259	868	-11	3	90	868	-14	13	141	869	-15	9	141	862	-14	4	180	862	-11	8	138
21	872	-9	2	206	870	-6	4	206	868	-11	5	145	869	-14	13	141	868	-14	9	141	862	-14	7	161	862	-10	9	143
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	862	-10	8	141	867	-8	2	141	X	X	X	X	876	-6	8	270	876	-3	9	270	871	-4	10	249	863	-3	4	314
03	862	-11	8	141	868	-8	0	0	875	-12	1	323	876	-7	9	270	876	-4	8	270	871	-5	8	259	862	-4	3	333
06	863	-11	5	156	869	-11	5	141	875	-12	4	309	876	-7	5	280	876	-5	9	270	870	-6	8	270	861	-5	7	309
09	864	-10	7	141	871	-12	5	169	875	-11	4	309	876	-6	9	276	875	-3	9	253	869	-5	6	270	861	-5	4	360
12	864	-10	5	149	872	-11	6	149	875	-12	4	309	876	-6	8	270	874	-3	9	256	867	-5	6	270	860	-10	8	37
15	864	-9	6	170	873	-11	4	146	876	-9	4	309	876	-4	9	270	873	-3	10	270	866	-4	2	321	860	-11	8	42
18	865	-9	5	142	874	-10	2	189	876	-6	6	270	876	-2	9	270	872	-3	12	270	865	-3	3	309	859	-11	9	28
21	866	-8	3	141	X	X	X	X	876	-6	7	270	876	-2	9	271	872	-3	14	249	864	-2	3	270	859	-11	9	45
		DAY	29			DAY	30			DAY	31																	
00	860	-13	8	90	869	-14	7	141	865	-14	10	159																
03	861	-14	10	100	869	-15	9	141	864	-17	5	180																
06	863	-15	9	107	869	-15	7	153	864	-21	4	188																
09	865	-15	6	90	868	-16	8	149	863	-20	7	184																
12	X	X	X	X	867	-15	8	141	863	-18	5	186																
15	868	-14	8	135	867	-14	9	141	862	-16	4	215																
18	869	-14	6	113	866	-14	10	149	861	-14	4	225																
21	869	-13	5	141	866	-14	8	141	860	-14	4	243																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -10.7 STD DEV = 4.5 MAX = .6 AT 2029 GMT ON DAY 5 MIN = -20.9 AT 637 GMT ON DAY 31
* PRESSURE (MB) * MEAN = 868.0 STD DEV = 3.9 MAX = 876.6 AT 2206 GMT ON DAY 25 MIN = 858.5 AT 2342 GMT ON DAY 31
* WINDS (M/S) * MEAN = 5.2 STD DEV = 3.2 RESULTANT = 2.3 FROM 191. CONSTANCY = .45 MAX = 16.5 FROM 245. AT 1138 GMT DAY 1
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: 1.2 % WINDS: 1.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	14	29	21	14	14	4	2	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	0	2	0	2	2	20	8	15	5	11	7	15	1	7	3

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	858	-14	7	225	864	-9	8	180	873	-11	2	260	869	-10	4	295	865	-11	0	0	868	-14	1	201	866	-15	2	270
03	857	-14	8	222	866	-10	6	180	873	-16	2	243	868	-12	4	225	865	-16	2	198	868	-20	2	236	865	-19	3	276
06	857	-16	5	225	867	-10	5	169	873	-19	3	225	867	-15	4	225	866	-16	1	198	868	-22	2	270	865	-15	3	263
09	855	-15	6	221	869	-16	2	260	873	-16	3	225	867	-17	4	225	867	-20	2	206	868	-21	2	270	865	-15	5	267
12	857	-19	8	180	870	-14	2	245	873	-15	3	218	867	-15	4	226	867	-19	2	221	867	-19	1	270	865	-13	6	270
15	859	-15	4	215	871	-10	0	0	872	-12	2	225	866	-12	3	270	868	-14	3	187	867	-15	1	280	865	-13	8	270
18	859	-12	8	225	872	-9	2	240	871	-9	3	180	866	-10	2	231	868	-12	3	180	867	-11	2	288	865	-10	7	256
21	861	-10	9	184	872	-9	2	251	870	-8	1	238	865	-9	0	0	868	-11	1	180	866	-11	2	309	866	-10	4	245
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	866	-11	2	270	868	-16	1	149	866	-18	4	141	870	-18	11	180	X	X	X	X	864	-20	2	170	854	-18	6	224
03	866	-12	3	270	867	-16	0	0	867	-23	1	203	870	-19	11	180	869	-20	8	141	862	-22	2	172	853	-22	5	212
06	867	-16	3	256	867	-15	2	360	867	-20	3	189	870	-19	10	165	869	-19	6	141	861	-26	2	218	854	-25	5	218
09	867	-13	5	245	866	-15	2	339	867	-19	7	198	870	-20	10	180	868	-19	6	134	860	-28	2	225	855	-26	3	225
12	867	-16	3	257	865	-20	3	225	867	-18	8	180	871	-19	12	155	867	-19	6	139	859	-26	2	242	855	-26	2	243
15	868	-16	4	218	865	-19	6	207	868	-17	9	180	X	X	X	X	866	-17	7	141	858	-21	1	274	855	-23	3	249
18	868	-16	6	174	865	-16	4	180	868	-17	10	169	X	X	X	X	866	-17	4	141	857	-19	3	309	855	-21	0	0
21	868	-15	3	180	865	-15	2	214	869	-17	10	161	871	-20	12	146	865	-17	4	128	855	-17	4	301	855	-19	1	301
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	854	-22	1	270	866	-20	3	360	866	-22	1	270	861	-22	1	141	853	-20	2	180	859	-19	4	180	857	-22	2	180
03	854	-26	4	222	866	-21	5	31	866	-24	3	270	859	-24	1	141	853	-24	2	206	859	-19	5	180	856	-26	2	225
06	855	-28	5	221	866	-23	4	31	865	-19	2	270	858	-23	0	0	853	-27	3	229	859	-18	3	180	856	-24	0	0
09	857	-30	5	225	866	-23	3	32	864	-18	0	0	857	-22	2	138	854	-27	3	225	859	-20	3	188	856	-21	2	48
12	860	-29	3	225	866	-22	3	360	864	-16	1	255	855	-21	2	141	855	-25	3	180	859	-20	1	226	856	-20	1	76
15	862	-26	3	239	866	-22	2	315	863	-17	1	243	854	-20	3	148	856	-21	4	180	858	-18	2	180	855	-19	2	90
18	863	-21	1	161	866	-20	1	270	862	-18	1	170	853	-18	3	141	857	-18	6	162	858	-18	2	180	854	-18	2	90
21	865	-21	0	0	866	-22	1	225	862	-19	1	138	853	-18	3	160	858	-18	7	180	858	-18	2	190	854	-18	1	90
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	854	-19	1	120	856	-19	2	104	859	-22	5	120	863	-22	5	90	865	-22	2	108	863	-25	3	90	858	-26	8	141
03	854	-22	0	0	857	-20	2	107	860	-24	4	136	863	-24	4	141	865	-23	4	90	862	-25	4	134	858	-28	8	141
06	854	-21	1	90	857	-21	4	90	860	-25	5	141	863	-28	3	177	865	-24	4	69	862	-26	4	141	858	-28	8	149
09	854	-21	2	141	858	-22	4	90	861	-25	4	141	863	-26	4	180	865	-24	3	32	861	-27	4	172	857	-28	11	141
12	854	-21	2	152	858	-22	4	111	861	-24	4	141	863	-27	4	173	865	-24	3	45	860	-30	3	180	857	-28	13	141
15	855	-19	1	139	858	-21	5	153	862	-24	5	141	863	-26	4	180	865	-24	1	55	859	-27	3	173	857	-28	10	141
18	855	-17	2	141	859	-20	6	131	862	-23	7	113	864	-25	4	180	864	-24	2	79	858	-25	7	141	857	-27	11	138
21	856	-18	2	141	859	-20	7	141	862	-22	6	131	864	-24	4	149	864	-24	2	90	858	-25	8	146	859	-27	11	141

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -19.4 STD DEV = 5.0 MAX = -6.9 AT 1708 GMT ON DAY 3 MIN = -30.2 AT 1122 GMT ON DAY 27
* PRESSURE (MB) * MEAN = 862.4 STD DEV = 5.4 MAX = 873.4 AT 831 GMT ON DAY 3 MIN = 853.0 AT 329 GMT ON DAY 19
* WINDS (M/S) * MEAN = 3.9 STD DEV = 2.7 RESULTANT = 2.4 FROM 177. CONSTANCY = .62 MAX = 15.1 FROM 163. AT 2319 GMT DAY 10
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: 1.3 % WINDS: 1.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	28	33	22	8	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	2	1	1	5	3	18	6	20	4	16	8	10	2	1	0

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	860	-28	8	141	862	-24	5	146	859	-24	6	166	844	-28	12	141	848	-28	10	149	853	-25	3	141	850	-25	1	141
03	860	-28	9	141	862	-25	3	141	856	-24	5	165	844	-29	13	159	849	-28	8	153	852	-26	4	149	850	-25	1	161
06	860	-29	7	141	863	-24	2	141	854	-24	7	141	843	-29	12	146	849	-28	8	155	852	-27	3	158	850	-25	0	0
09	861	-29	5	141	863	-29	2	225	851	-24	6	141	843	-29	12	149	850	-27	7	141	851	-32	1	225	850	-27	2	170
12	861	-28	5	141	863	-26	3	174	850	-26	5	141	844	-29	12	170	851	-27	6	149	851	-28	2	180	851	-28	1	225
15	861	-27	4	141	862	-24	3	141	848	-24	9	142	845	-29	12	150	851	-26	6	161	850	-27	3	180	852	-26	3	194
18	861	-25	6	141	861	-23	4	141	845	-26	13	180	845	-28	13	146	852	-26	6	132	850	-26	2	180	852	-24	5	180
21	861	-25	6	145	860	-23	3	149	845	-26	12	180	847	-28	11	161	852	-24	3	141	850	-25	1	180	853	-25	4	165
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	854	-26	3	180	854	-30	9	160	852	-29	7	166	857	-32	2	203	856	-32	2	218	853	-28	1	225	855	-36	1	270
03	855	-26	3	183	854	-30	10	180	852	-29	6	180	857	-34	1	233	855	-34	2	222	853	-28	2	190	855	-37	2	270
06	855	-30	4	197	853	-32	10	172	853	-31	5	180	858	-35	2	231	854	-33	2	206	853	-34	3	180	854	-39	2	284
09	855	-32	5	180	853	-31	9	180	853	-33	4	190	858	-34	1	251	854	-35	2	225	854	-35	2	180	853	-36	4	302
12	856	-33	6	180	853	-30	10	160	853	-34	4	194	858	-31	0	0	854	-31	1	198	854	-36	2	225	853	-34	3	295
15	855	-30	8	180	852	-29	10	180	854	-30	4	180	858	-31	1	266	853	-28	1	198	855	-33	2	242	853	-31	2	270
18	855	-31	11	173	852	-28	8	149	855	-28	4	180	857	-27	0	0	853	-26	0	0	855	-30	1	242	852	-26	2	240
21	855	-31	9	180	852	-28	7	166	856	-28	2	180	856	-28	1	225	853	-27	1	225	855	-30	1	249	853	-26	2	170
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	853	-34	3	195	856	-33	8	143	867	-31	4	90	866	-30	11	141	874	-27	9	162	873	-24	5	173	870	-26	2	225
03	852	-33	6	180	857	-33	8	149	867	-32	4	141	867	-31	12	141	874	-27	8	180	872	-25	5	180	869	-28	2	236
06	852	-32	7	180	859	-34	7	141	867	-32	7	145	868	-31	8	141	875	-28	9	180	871	-24	5	180	869	-28	2	218
09	852	-33	7	177	860	-34	8	149	867	-31	6	141	869	-30	8	152	875	-27	8	152	871	-24	4	180	868	-30	3	225
12	853	-35	7	180	862	-33	5	141	866	-31	7	141	870	-30	10	143	874	-28	7	159	871	-24	4	190	868	-29	3	225
15	853	-32	6	170	864	-32	6	117	865	-30	9	141	872	-28	11	141	874	-26	8	180	871	-22	5	176	868	-27	4	218
18	853	-30	10	141	865	-32	4	141	865	-30	9	149	873	-28	10	141	874	-26	7	180	870	-21	4	180	867	-26	3	225
21	854	-31	9	153	866	-31	4	124	866	-29	9	141	874	-27	9	149	873	-25	5	141	870	-21	2	180	867	-26	4	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	866	-30	3	231	869	-31	3	251	861	-18	7	269	855	-14	9	309	847	-20	2	277	849	-19	1	356	856	-28	3	163
03	865	-31	2	269	869	-31	3	270	860	-16	7	270	855	-15	12	309	847	-18	0	0	849	-19	2	360	856	-28	2	190
06	864	-32	4	228	867	-29	4	290	860	-19	9	270	854	-15	10	309	847	-23	3	319	851	-27	1	225	857	-29	2	225
09	865	-34	4	225	865	-26	4	270	859	-18	10	263	852	-16	8	280	846	-23	2	339	852	-27	1	203	857	-29	0	0
12	866	-32	4	225	864	-26	5	298	859	-19	9	270	851	-17	7	301	846	-21	3	345	853	-27	1	160	857	-30	2	294
15	866	-29	4	231	862	-19	4	289	858	-20	11	264	849	-15	6	270	846	-21	2	360	854	-26	0	0	856	-32	2	250
18	867	-26	3	225	861	-20	3	290	857	-17	9	270	849	-16	1	330	847	-22	2	315	854	-25	2	170	856	-30	2	231
21	868	-27	3	224	861	-20	4	270	856	-15	11	294	848	-16	1	260	848	-22	3	323	855	-27	1	190	855	-31	3	231
		DAY	29			DAY	30			DAY	31																	
00	854	-32	3	255	854	-28	2	180	857	-33	9	141																
03	853	-28	2	217	854	-28	3	172	857	-34	7	141																
06	853	-28	3	198	854	-28	5	180	857	-35	9	145																
09	852	-31	3	180	854	-30	6	180	857	-35	6	141																
12	852	-33	3	198	855	-32	7	180	858	-35	5	161																
15	852	-29	3	153	855	-31	9	166	858	-34	5	141																
18	853	-27	3	180	856	-31	9	152	858	-33	6	139																
21	853	-28	3	161	856	-32	8	141	857	-33	5	142																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -27.7 STD DEV = 4.7 MAX = -13.6 AT 2232 GMT ON DAY 24 MIN = -39.2 AT 357 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 857.3 STD DEV = 7.5 MAX = 874.7 AT 614 GMT ON DAY 19 MIN = 843.1 AT 611 GMT ON DAY 4
* WINDS (M/S) * MEAN = 5.0 STD DEV = 3.3 RESULTANT = 3.5 FROM 174. CONSTANCY = .69 MAX = 16.5 FROM 148. AT 139 GMT DAY 18
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	21	27	15	14	13	7	2	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	0	0	0	0	22	15	24	5	13	3	8	4	2	1

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	849	-32	10	180	853	-31	4	141	855	-32	9	145	857	-28	6	148	851	-28	2	352	847	-35	4	186
03	855	-33	6	141	849	-32	8	165	852	-30	8	141	856	-31	9	141	857	-27	3	160	849	-27	6	353	847	-36	7	176
06	854	-34	7	138	850	-31	9	180	851	-31	8	141	856	-31	9	153	856	-27	4	141	847	-28	4	349	847	-39	6	180
09	852	-33	5	148	850	-31	9	167	849	-30	9	141	857	-30	9	149	855	-27	3	180	846	-24	3	309	847	-39	6	180
12	851	-34	8	149	851	-31	6	161	849	-30	5	142	858	-30	11	150	855	-27	2	167	845	-23	1	278	847	-41	6	180
15	850	-33	7	161	852	-31	5	155	851	-30	3	141	858	-29	10	141	854	-26	1	159	844	-30	6	180	846	-40	7	177
18	849	-32	8	161	853	-31	4	170	852	-31	8	153	857	-28	10	149	853	-26	0	0	844	-31	8	180	845	-40	6	184
21	849	-32	10	163	853	-31	4	141	853	-32	9	141	857	-28	9	142	852	-28	2	330	846	-33	6	180	845	-40	6	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	845	-40	5	180	843	-40	4	270	831	-28	1	18	834	-34	4	189	833	-42	3	309	842	-31	5	141	852	-34	5	145
03	845	-39	7	180	842	-41	3	270	829	-26	0	0	835	-34	5	180	833	-38	2	260	843	-31	6	141	853	-34	4	174
06	845	-39	5	191	842	-41	6	269	828	-26	2	270	836	-34	6	180	834	-36	2	267	845	-29	8	141	855	-34	3	180
09	845	-40	4	210	841	-42	3	267	828	-33	5	188	837	-36	2	180	834	-34	3	349	845	-32	8	150	857	-34	4	180
12	845	-39	5	225	840	-42	3	309	829	-31	5	189	836	-38	3	225	836	-34	3	354	846	-34	11	166	858	-34	5	174
15	844	-37	5	225	838	-40	4	270	829	-33	4	186	836	-36	2	206	837	-30	4	360	846	-34	12	149	860	-34	5	158
18	844	-37	4	231	836	-37	3	295	831	-32	5	180	835	-37	1	248	839	-29	4	69	848	-34	8	161	861	-33	4	180
21	843	-39	3	249	833	-32	3	271	832	-33	4	187	834	-37	2	330	841	-32	4	141	850	-34	8	150	862	-33	1	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	863	-36	2	217	854	-28	13	141	849	-24	7	141	853	-23	9	141	859	-26	7	158	854	-28	5	180	855	-34	8	184
03	864	-33	2	163	852	-26	16	115	849	-24	9	141	855	-23	9	149	859	-26	7	180	854	-29	6	180	856	-38	6	180
06	865	-31	3	161	849	-23	18	101	849	-22	8	165	856	-23	12	180	858	-28	9	180	854	-34	2	213	858	-39	5	181
09	865	-31	3	180	849	-26	9	90	849	-23	9	161	857	-24	11	165	857	-31	8	188	853	-33	4	225	859	-38	6	184
12	864	-30	5	141	849	-27	6	141	849	-23	10	141	859	-25	12	166	856	-31	4	225	852	-34	9	198	860	-40	4	189
15	864	-30	6	117	849	-28	7	162	849	-23	11	161	860	-24	10	161	855	-31	6	211	852	-34	5	225	861	-40	5	180
18	861	-29	6	141	850	-28	9	156	850	-23	12	160	861	-27	9	180	854	-29	6	206	852	-32	5	201	862	-40	4	206
21	859	-28	8	141	850	-26	7	170	851	-23	9	149	861	-28	5	176	854	-30	3	224	853	-35	7	180	862	-42	4	195
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	863	-42	3	225	860	-42	2	278	854	-41	3	224	853	-39	6	180	856	-39	5	141	848	-33	9	142	852	-33	10	101
03	863	-41	4	198	859	-43	2	278	854	-43	2	229	854	-38	6	166	854	-37	5	149	849	-34	8	141	850	-32	9	142
06	863	-42	4	225	858	-41	2	270	853	-43	2	231	855	-40	1	201	853	-38	4	152	851	-34	7	141	847	-31	10	141
09	863	-42	4	203	858	-40	2	270	852	-44	2	225	856	-43	3	180	850	-35	7	148	853	-33	6	128	844	-32	12	141
12	863	-42	4	215	857	-40	2	281	852	-39	6	180	857	-43	1	189	848	-34	12	141	855	-33	5	141	840	-34	15	170
15	863	-40	4	225	856	-34	1	281	851	-41	5	197	857	-47	2	189	847	-35	13	141	856	-34	6	132	835	-35	16	161
18	862	-41	3	225	856	-41	2	270	852	-39	5	181	858	-46	3	195	847	-34	12	146	855	-33	8	141	834	-36	16	170
21	861	-43	3	243	855	-40	2	270	852	-39	6	180	857	-41	5	180	846	-33	12	149	854	-33	8	122	835	-36	13	149
		DAY	29			DAY	30																					
00	837	-35	10	148	852	-35	10	273																				
03	838	-35	6	141	853	-36	7	270																				
06	840	-36	6	180	853	-35	7	270																				
09	842	-36	5	206	853	-33	10	246																				
12	845	-38	4	243	853	-33	12	270																				
15	847	-42	4	270	853	-33	12	270																				
18	849	-38	9	270	852	-31	10	260																				
21	850	-35	10	270	850	-30	9	266																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -33.4 STD DEV = 5.4 MAX = -20.6 AT 516 GMT ON DAY 17 MIN = -48.0 AT 1653 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 850.1 STD DEV = 8.3 MAX = 864.8 AT 908 GMT ON DAY 15 MIN = 827.4 AT 712 GMT ON DAY 10
* WINDS (M/S) * MEAN = 6.1 STD DEV = 3.3 RESULTANT = 4.5 FROM 170. CONSTANCY = .73 MAX = 20.3 FROM 149. AT 1715 GMT DAY 28
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	9	21	26	15	15	7	3	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	0	0	0	1	1	19	19	26	6	8	2	12	0	1	1

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	848	-25	3	270	848	-31	5	68	855	-35	8	231	843	-20	20	270	843	-31	14	270	835	-36	15	255	844	-33	13	251
03	847	-27	3	270	849	-31	3	69	856	-32	6	236	845	-21	19	270	842	-31	15	270	835	-35	15	270	844	-33	18	260
06	845	-28	4	191	850	-33	0	0	856	-25	0	0	846	-24	18	277	840	-32	17	259	837	-36	14	260	845	-31	15	270
09	843	-27	5	180	851	-32	1	349	854	-22	3	360	849	-24	15	269	838	-33	16	256	837	-36	13	257	846	-29	16	270
12	843	-28	5	194	851	-32	2	349	852	-18	4	360	849	-25	11	270	835	-35	16	270	838	-36	15	270	846	-27	14	255
15	845	-30	1	166	851	-32	3	321	848	-16	8	349	847	-26	12	270	834	-40	13	225	840	-36	14	270	847	-27	12	270
18	846	-31	1	170	851	-33	4	225	843	-13	20	322	847	-27	12	277	836	-39	8	225	841	-32	15	243	849	-27	11	269
21	847	-31	4	54	853	-38	2	218	842	-14	18	280	845	-29	13	264	837	-39	10	250	844	-32	10	270	848	-28	12	260
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	849	-31	9	249	852	-27	1	309	864	-27	0	0	860	-23	4	129	855	-33	7	141	867	-35	2	225	871	-33	2	201
03	846	-29	6	270	854	-26	1	309	864	-23	0	0	861	-24	3	156	855	-33	7	139	868	-34	2	225	871	-37	2	225
06	845	-27	4	270	855	-24	1	309	863	-20	4	45	861	-27	5	180	856	-34	4	152	870	-36	0	0	870	-30	2	180
09	844	-27	1	270	857	-21	3	359	862	-20	4	22	861	-29	4	180	858	-34	1	360	871	-37	2	231	869	-28	4	145
12	844	-26	0	0	860	-21	2	359	862	-22	2	20	861	-29	5	180	860	-34	0	0	872	-38	2	225	869	-27	4	170
15	845	-26	0	0	861	-20	1	325	862	-20	0	0	859	-30	7	158	862	-34	0	0	872	-37	1	225	868	-27	4	161
18	847	-26	1	309	862	-20	1	309	861	-21	2	141	857	-31	9	141	864	-34	1	231	872	-34	1	231	868	-27	7	141
21	849	-26	0	0	863	-22	0	0	860	-22	3	170	856	-32	9	141	865	-34	2	225	871	-33	2	189	867	-29	9	145
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	867	-30	7	141	863	-29	4	169	867	-25	1	124	875	-35	2	225	874	-33	2	204	869	-21	4	260	878	-27	4	270
03	867	-30	7	141	863	-27	5	170	868	-25	2	170	875	-35	3	225	874	-31	4	195	868	-17	5	236	876	-23	6	301
06	866	-28	7	141	863	-27	4	150	869	-25	3	170	875	-34	3	225	875	-28	1	206	868	-19	8	208	874	-17	6	280
09	865	-28	8	149	863	-27	5	141	870	-26	2	148	875	-36	2	225	875	-31	2	225	870	-26	4	198	871	-15	7	243
12	864	-28	6	165	863	-26	4	149	870	-26	2	156	875	-35	2	212	875	-32	2	225	874	-29	2	225	870	-15	9	260
15	864	-29	7	170	864	-25	2	141	871	-32	2	180	874	-35	3	219	875	-28	2	243	876	-29	3	255	869	-14	10	270
18	863	-29	6	161	865	-24	2	107	872	-34	2	218	873	-34	4	225	874	-27	3	251	878	-29	4	257	868	-17	12	260
21	863	-28	4	170	866	-25	0	0	873	-34	3	201	873	-35	3	225	872	-26	3	270	878	-28	3	270	866	-20	12	248
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	864	-20	13	270	856	-33	3	242	865	-37	4	90	865	-38	4	83	864	-34	5	145	857	-36	3	141	851	-33	6	139
03	863	-20	12	260	856	-34	2	243	866	-37	3	98	864	-36	1	135	863	-34	4	180	856	-36	3	141	850	-34	6	152
06	862	-19	11	256	857	-30	0	0	866	-37	2	135	863	-35	2	101	862	-33	6	149	855	-35	4	149	849	-33	7	138
09	860	-21	11	270	858	-28	1	55	866	-35	4	101	863	-34	3	90	861	-34	6	150	855	-35	4	180	847	-32	8	141
12	860	-25	9	248	859	-28	4	45	866	-35	3	145	863	-34	4	122	859	-36	8	155	854	-35	5	163	846	-31	10	141
15	859	-28	6	260	861	-33	4	53	866	-35	4	141	864	-34	4	101	858	-35	9	149	853	-38	3	174	846	-32	11	150
18	858	-27	4	270	862	-34	4	45	866	-35	2	117	864	-35	3	141	857	-36	8	141	852	-36	7	180	845	-30	10	141
21	856	-31	3	253	864	-36	4	73	865	-38	2	90	864	-35	4	159	857	-36	5	141	851	-34	5	141	845	-29	6	135
		DAY	29			DAY	30			DAY	31																	
00	845	-31	5	141	843	-33	15	141	845	-31	6	135																
03	845	-31	10	150	843	-32	12	141	847	-31	5	90																
06	843	-30	13	143	843	-30	10	127	848	-32	6	90																
09	843	-30	11	141	842	-29	13	139	849	-34	7	97																
12	841	-30	11	141	843	-31	11	141	850	-35	5	135																
15	843	-32	7	101	842	-31	12	141	851	-37	4	149																
18	844	-33	9	125	843	-31	5	143	850	-41	4	180																
21	843	-33	12	149	844	-30	11	120	849	-39	4	170																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.7 STD DEV = 5.6 MAX = -12.0 AT 1629 GMT ON DAY 3 MIN = -40.9 AT 1742 GMT ON DAY 31
* PRESSURE (MB) * MEAN = 857.3 STD DEV = 11.2 MAX = 878.4 AT 2127 GMT ON DAY 20 MIN = 833.6 AT 1418 GMT ON DAY 5
* WINDS (M/S) * MEAN = 5.9 STD DEV = 4.7 RESULTANT = 2.6 FROM 213. CONSTANCY = .44 MAX = 24.8 FROM 274. AT 409 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	19	26	18	9	7	7	6	4	2	1	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	1	3	1	5	2	20	10	10	4	12	8	18	0	3	0

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	847	-39	5	180	846	-31	10	188	865	-34	3	339	868	-23	9	45	867	-18	8	91	865	-24	4	141	872	-26	2	180
03	845	-38	3	176	849	-30	8	225	866	-31	4	360	869	-21	8	3	866	-19	5	155	865	-26	3	69	873	-26	0	0
06	843	-37	5	180	853	-32	10	217	867	-31	4	360	870	-20	8	360	866	-24	5	161	865	-28	7	114	875	-26	0	0
09	841	-36	7	180	857	-34	6	225	868	-28	6	360	870	-20	7	45	867	-26	5	180	866	-27	6	90	876	-26	2	203
12	839	-36	9	180	860	-36	5	206	868	-28	7	360	869	-19	9	46	868	-28	7	166	867	-27	5	90	877	-26	2	225
15	839	-34	9	174	862	-38	4	225	868	-26	6	360	869	-18	12	55	867	-27	6	150	868	-28	4	128	878	-25	2	206
18	840	-33	10	180	864	-39	2	270	869	-25	9	37	868	-17	8	45	867	-26	8	149	870	-27	2	142	878	-24	4	200
21	842	-33	8	180	865	-33	0	0	869	-24	9	31	867	-17	10	54	866	-26	8	141	871	-26	2	180	879	-22	4	210
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	879	-20	3	218	878	-33	2	239	874	-29	3	224	873	-31	5	198	864	-31	4	273	863	-27	4	270	858	-15	15	316
03	879	-19	4	180	877	-31	2	231	873	-31	3	226	872	-30	7	198	861	-27	12	270	862	-20	5	301	857	-14	15	325
06	879	-24	4	207	876	-31	1	270	873	-27	4	180	872	-32	6	203	860	-29	12	270	861	-16	9	309	857	-13	17	312
09	879	-23	3	207	876	-32	3	249	873	-29	4	180	871	-33	5	225	858	-31	15	263	860	-16	12	315	856	-11	13	309
12	880	-31	3	208	875	-32	2	251	872	-33	3	231	870	-36	4	225	860	-31	15	270	859	-19	15	323	857	-12	8	289
15	879	-33	2	225	875	-32	2	225	873	-28	5	180	869	-36	3	231	862	-32	12	251	859	-21	14	321	860	-15	1	255
18	879	-33	2	225	874	-27	3	206	872	-30	5	198	867	-35	3	260	863	-31	9	243	859	-20	15	309	864	-31	5	155
21	878	-31	3	245	874	-28	3	207	873	-29	6	198	865	-33	4	250	865	-29	5	257	859	-19	13	309	866	-31	3	330
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	867	-35	3	330	861	-11	8	309	861	-11	13	360	854	-29	2	360	859	-17	4	339	862	-20	9	263	860	-29	8	270
03	867	-33	4	280	861	-13	9	270	859	-11	13	360	854	-22	4	354	859	-14	8	270	861	-20	9	270	860	-29	6	260
06	867	-32	3	297	864	-17	3	284	859	-11	8	360	854	-11	10	301	859	-14	8	270	860	-21	11	260	859	-30	5	270
09	865	-23	3	349	866	-18	9	263	857	-11	6	11	855	-11	12	270	860	-14	8	270	859	-23	12	269	858	-30	5	270
12	863	-21	4	309	868	-22	5	270	853	-11	6	360	856	-11	10	263	859	-13	9	288	858	-22	10	270	857	-29	4	273
15	862	-20	4	309	868	-21	4	301	853	-11	4	22	858	-14	11	270	860	-15	10	270	858	-23	12	260	855	-28	3	287
18	861	-14	7	315	867	-17	6	329	853	X	3	360	859	-15	7	270	860	-15	12	267	859	-26	8	260	853	-26	1	180
21	861	-14	7	309	865	-14	5	14	855	-29	4	179	860	-15	8	301	861	-17	11	270	860	-29	8	262	851	-20	3	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	850	-21	4	141	858	-38	3	360	858	-33	4	141	851	-33	8	141	858	-35	3	339	859	-36	2	225	866	-31	4	225
03	850	-25	8	159	859	-38	1	329	857	-32	5	141	852	-33	7	149	858	-35	3	309	859	-33	2	215	867	-34	3	225
06	850	-36	12	180	858	-36	1	75	856	-34	4	98	853	-36	5	153	858	-32	2	309	860	-29	3	189	869	-38	2	257
09	852	-37	9	180	859	-36	2	45	856	-34	3	82	853	-35	7	158	858	-35	3	314	859	-28	5	180	869	-35	2	270
12	854	-39	8	167	859	-37	1	45	855	-34	4	141	854	-33	4	141	859	-32	0	0	860	-28	4	184	867	-29	3	278
15	856	-40	7	180	859	-36	3	42	853	-34	5	180	855	-32	1	101	859	-33	2	264	861	-29	3	180	865	-21	5	309
18	856	-39	6	180	859	-34	2	72	852	-34	5	158	856	-32	0	0	859	-35	1	225	862	-29	3	198	861	-16	10	301
21	857	-37	0	0	859	-33	2	101	851	-33	7	165	857	-31	2	360	859	-35	2	229	863	-30	4	218	859	-14	14	270
		DAY	29			DAY	30																					
00	864	-21	14	240	853	-20	16	269																				
03	867	-23	10	266	851	-22	8	276																				
06	865	-20	6	301	849	-25	9	270																				
09	859	-15	8	338	847	-32	11	243																				
12	854	-10	19	289	851	-36	10	221																				
15	855	-15	20	267	854	-35	9	252																				
18	854	-18	19	270	853	-32	15	251																				
21	854	-19	17	270	856	-31	16	225																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -26.4 STD DEV = 7.8 MAX = -9.2 AT 1625 GMT ON DAY 17 MIN = -40.5 AT 1417 GMT ON DAY 22
* PRESSURE (MB) * MEAN = 861.9 STD DEV = 8.3 MAX = 880.1 AT 1214 GMT ON DAY 8 MIN = 838.5 AT 1552 GMT ON DAY 1
* WINDS (M/S) * MEAN = 6.3 STD DEV = 4.1 RESULTANT = 2.8 FROM 262. CONSTANCY = .44 MAX = 21.7 FROM 266. AT 1725 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	10	27	18	13	15	6	5	4	1	1	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	8	1	4	1	3	0	5	6	12	7	11	6	20	5	8	3

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	859	-31	13	242	860	-40	10	189	869	-27	14	225	876	-18	9	270	876	-17	9	260	870	-18	8	315	862	-27	16	266
03	859	-30	14	248	863	-41	7	195	871	-26	13	225	876	-17	8	270	875	-17	8	270	869	-20	10	309	861	-29	17	270
06	859	-29	16	260	866	-42	6	228	872	-26	10	225	876	-18	6	270	874	-18	7	270	868	-19	10	293	861	-31	12	231
09	860	-30	12	270	868	-42	7	225	873	-25	13	253	876	-17	7	260	873	-19	5	243	867	-18	11	289	865	-32	10	235
12	858	-27	8	251	870	-42	5	225	873	-23	14	225	876	-15	9	264	873	-18	4	270	866	-17	12	276	866	-32	8	225
15	855	-26	9	243	872	-41	5	256	875	-24	9	260	876	-14	8	270	872	-16	7	270	866	-20	8	270	868	-31	7	243
18	855	-26	9	225	871	-31	9	236	876	-20	9	228	875	-15	13	270	872	-17	2	360	865	-22	13	271	867	-26	11	270
21	857	-37	7	189	871	-28	10	251	876	-19	11	250	875	-17	12	257	871	-17	7	309	864	-26	12	270	865	-25	8	270
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	862	-20	9	280	875	-34	3	233	872	-15	9	280	871	-23	9	270	865	-29	8	243	870	-41	5	187	867	-45	4	283
03	860	-18	12	263	875	-32	5	256	870	-14	13	277	871	-23	12	248	865	-37	4	198	871	-44	5	225	867	-46	2	283
06	857	-17	13	270	876	-24	8	255	869	-16	8	271	870	-25	12	262	864	-39	4	184	872	-43	6	225	867	-42	2	270
09	857	-18	6	260	877	-22	11	251	868	-18	9	270	869	-24	14	270	865	-40	2	173	872	-43	5	214	868	X	0	0
12	858	-23	7	233	877	-22	10	246	868	-19	9	270	869	-24	13	260	865	-40	0	0	872	-45	3	360	870	-37	0	0
15	860	-25	8	208	876	-20	10	245	869	-21	11	246	867	-25	14	270	867	-42	2	180	871	-45	4	360	872	-38	1	141
18	865	-31	7	218	876	-20	10	270	870	-22	13	248	865	-25	14	250	867	-43	2	173	869	-46	4	360	874	-37	2	141
21	870	-33	5	206	874	-18	9	270	871	-22	11	270	864	-26	12	246	868	-41	7	165	868	-44	4	360	876	-38	2	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	877	-37	4	138	873	-36	0	0	858	-33	4	273	858	-42	4	138	858	-40	7	161	850	-34	10	225	843	-35	8	225
03	878	-38	0	0	871	-30	3	301	857	-33	5	270	857	-43	9	141	858	-41	8	173	848	-31	9	225	845	-36	7	270
06	879	-39	0	0	869	-28	3	251	857	-42	3	206	858	-43	9	149	857	-39	9	163	846	-29	11	225	848	-35	5	243
09	879	-37	0	0	865	-26	0	0	858	-45	3	225	858	-44	6	141	857	-40	8	180	844	-30	11	226	851	-32	4	188
12	879	-38	0	0	862	-23	7	309	858	-47	2	225	859	-42	6	141	856	-38	9	180	843	-30	9	231	854	-32	8	180
15	878	-41	0	0	860	-23	7	309	859	-47	2	215	859	-43	4	167	855	-37	10	180	841	-33	11	243	856	-30	7	180
18	877	-38	0	0	859	-24	7	301	857	-46	4	180	859	-43	5	179	853	-37	9	184	840	-34	11	235	857	-30	4	180
21	875	-40	0	0	858	-28	3	238	857	-44	6	141	858	-43	7	180	852	-35	11	180	841	-35	9	231	858	-29	5	217
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	858	-28	5	193	857	-32	5	208	860	-38	4	243	863	-40	5	218	852	-35	4	124	842	-42	6	180	853	-43	7	189
03	857	-27	5	231	858	-32	6	205	860	-37	3	260	862	-36	4	211	850	-36	1	141	843	-43	4	190	853	-41	8	201
06	856	-29	6	225	858	-31	5	193	860	-38	3	270	860	-42	3	225	849	-38	4	180	844	-42	9	183	855	-45	0	0
09	856	-33	5	225	859	-31	6	225	860	-37	4	246	858	-43	2	180	847	-40	5	180	845	-41	8	180	856	-44	5	217
12	855	-33	5	233	860	-30	5	187	860	-38	3	225	857	-38	2	172	845	-40	5	188	846	-41	9	180	857	-45	4	225
15	855	-33	4	208	860	-30	5	225	861	-33	4	200	855	-36	4	128	843	-42	5	187	847	-41	11	184	857	-44	3	218
18	856	-32	4	225	860	-34	5	228	863	-33	4	180	854	-37	2	141	842	-43	3	225	850	-43	7	180	857	-43	3	194
21	856	-29	3	225	860	-36	5	225	863	-38	5	204	853	-35	3	149	842	-44	4	206	851	-44	7	225	857	-42	4	204
		DAY	29			DAY	30			DAY	31																	
00	858	-44	3	218	851	-48	2	260	855	-45	3	180																
03	858	-47	3	225	850	-47	2	243	855	-50	2	222																
06	857	-46	4	180	849	-48	2	225	855	-49	3	189																
09	857	-44	5	360	850	-46	1	255	854	-50	3	225																
12	855	-45	4	203	851	-49	2	242	853	-51	2	218																
15	854	-46	2	225	852	-47	1	225	853	-51	2	225																
18	853	-47	3	240	853	-47	2	225	852	-50	2	243																
21	852	-48	2	242	854	-48	2	205	851	-49	1	282																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -33.7 STD DEV = 9.8 MAX = -12.6 AT 1406 GMT ON DAY 4 MIN = -51.1 AT 1157 GMT ON DAY 31
* PRESSURE (MB) * MEAN = 861.7 STD DEV = 9.5 MAX = 879.3 AT 820 GMT ON DAY 15 MIN = 839.8 AT 1702 GMT ON DAY 20
* WINDS (M/S) * MEAN = 6.3 STD DEV = 3.8 RESULTANT = 4.9 FROM 236. CONSTANCY = .77 MAX = 20.6 FROM 249. AT 426 GMT DAY 1
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	13	19	21	16	14	9	6	2	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	0	0	0	0	0	6	3	17	8	25	14	20	3	2	0

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	850	-48	1	270	848	-38	9	153	851	-44	17	141	855	-39	6	155	858	-35	2	180	860	-34	0	0	867	-26	7	270
03	849	-47	1	251	849	-37	11	153	850	-44	19	143	856	-41	5	163	859	-35	1	163	859	-32	4	360	867	-27	6	270
06	849	-48	1	248	851	-38	11	141	850	-43	14	141	856	-41	4	163	859	-34	0	0	860	-24	12	289	868	-26	9	270
09	848	-48	1	225	853	-40	13	150	850	-43	14	141	856	-41	2	180	860	-34	0	0	860	-23	15	287	868	-25	8	249
12	849	-41	2	180	856	-41	11	141	851	-42	13	138	856	-40	2	180	861	-36	0	0	862	-25	11	270	869	-23	9	264
15	849	-42	2	180	857	-43	14	142	852	-41	9	141	856	-38	3	163	861	-37	0	0	864	-28	8	270	870	-24	5	251
18	848	-37	5	141	856	-44	13	141	853	-41	8	141	856	-37	2	163	861	-36	0	0	865	-28	8	269	872	-25	4	243
21	847	-38	9	160	852	-44	15	146	855	-40	7	161	857	-35	2	180	861	-36	0	0	866	-27	8	270	872	-27	4	250
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	873	-28	3	250	877	-25	4	248	877	-31	0	0	874	-24	6	270	874	-16	6	297	875	-20	5	270	867	-17	5	309
03	874	-30	4	270	878	-26	4	270	876	-28	0	0	874	-25	6	262	873	-17	9	314	876	-25	4	280	865	-14	4	315
06	875	-28	4	270	877	-27	3	270	876	-25	0	0	874	-22	7	251	871	-18	13	329	875	-23	5	257	864	-18	2	342
09	875	-27	4	262	877	-28	3	225	875	-24	0	0	874	-22	9	270	869	-17	15	315	874	-21	2	260	864	-17	1	360
12	876	-25	5	248	877	-29	2	225	874	-18	2	309	874	-21	10	278	869	-17	16	309	872	-18	1	309	862	-19	0	0
15	877	-26	5	231	877	-31	1	225	874	-22	3	309	875	-20	8	270	871	-17	12	297	870	-16	6	323	861	-17	0	0
18	877	-25	4	251	877	-30	1	225	874	-20	5	270	874	-19	7	309	873	-18	10	274	868	-15	10	325	859	-16	0	0
21	877	-24	4	270	877	X	0	0	874	-25	2	281	874	-18	5	309	874	-17	11	270	868	-15	5	309	858	-17	5	45
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	858	-22	4	54	852	-27	4	326	850	-33	0	0	861	-42	3	183	857	-35	7	270	861	-26	6	270	857	-40	7	179
03	857	-27	5	37	851	-22	5	309	850	-33	6	153	862	-38	4	180	857	-34	7	221	859	-24	7	270	859	-40	8	189
06	856	-28	7	25	850	-29	3	309	851	-34	5	180	863	-40	4	201	857	-39	6	225	857	-24	8	270	861	-42	8	206
09	855	-29	5	27	850	-26	3	322	852	-36	7	180	864	-42	3	225	859	-40	7	235	855	-25	5	270	864	-43	8	225
12	853	-28	4	360	850	-27	3	270	854	-35	7	174	864	-45	2	233	861	-40	6	225	854	-21	4	276	867	-45	6	225
15	853	-26	6	339	851	-40	3	226	857	-36	6	180	864	-46	2	270	862	-43	5	253	853	-23	3	135	868	-45	4	248
18	854	-21	4	360	852	-32	1	225	858	-39	5	180	862	-45	2	270	863	-40	4	270	852	-31	6	180	869	-45	5	246
21	853	-21	4	360	852	-33	1	225	860	-41	4	180	859	-40	4	270	862	-32	4	270	854	-38	9	198	869	-45	4	270
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	868	-45	4	270	860	-22	10	270	859	-23	16	270	853	-30	15	225	854	-22	18	250	853	-29	1	357	834	-32	2	180
03	866	-42	3	259	859	-22	12	260	856	-22	15	270	852	-30	16	251	854	-20	15	259	850	-28	4	357	836	-35	4	212
06	865	-34	3	255	860	-26	12	248	855	-22	13	270	850	-29	18	243	854	-21	11	270	848	-26	3	360	838	-35	4	225
09	864	-32	7	270	863	-28	4	210	853	-22	13	262	850	-30	20	231	854	-18	7	251	844	-26	3	360	840	-37	7	180
12	862	-26	15	270	864	-26	9	260	852	-23	15	249	851	-28	21	245	854	-16	8	263	839	-24	2	360	843	-38	5	188
15	863	-26	9	262	864	-24	6	270	852	-26	14	270	850	-27	18	231	853	-26	5	180	835	-25	2	357	845	-38	6	158
18	860	-23	12	270	863	-26	10	257	851	-27	15	270	851	-25	17	243	853	-26	4	215	833	-27	2	360	846	-39	4	189
21	860	-24	11	270	860	-25	16	260	852	-29	18	233	852	-24	17	270	854	-28	0	0	834	-31	5	132	847	-40	4	189
		DAY	29			DAY	30			DAY	31																	
00	847	-41	3	211	842	-41	6	180	845	-34	11	141																
03	847	-44	3	225	841	-40	7	187	847	-34	9	141																
06	847	-44	3	236	841	-41	7	190	847	-33	13	149																
09	846	-45	3	225	841	-40	8	180	848	-33	12	156																
12	846	-46	2	226	842	-39	8	161	849	-33	10	141																
15	845	-46	2	228	843	-38	9	142	850	-33	8	149																
18	844	-45	3	225	844	-36	7	141	850	-34	5	156																
21	843	-45	3	225	844	-35	9	141	850	-33	6	152																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -30.9 STD DEV = 8.8 MAX = -14.1 AT 1247 GMT ON DAY 12 MIN = -48.7 AT 734 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 858.5 STD DEV = 10.6 MAX = 877.6 AT 316 GMT ON DAY 9 MIN = 833.2 AT 1844 GMT ON DAY 27
* WINDS (M/S) * MEAN = 6.4 STD DEV = 4.7 RESULTANT = 3.5 FROM 236. CONSTANCY = .55 MAX = 23.2 FROM 242. AT 1025 GMT DAY 25
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	17	19	21	13	9	6	4	6	2	2	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	1	1	0	0	0	9	8	12	3	13	11	27	2	7	1

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	850	-35	4	169	849	-38	4	200	851	-45	3	204	851	-42	4	224	836	-35	3	225	846	-47	6	198	848	-41	5	245
03	850	-36	2	180	849	-42	2	225	852	-43	3	189	849	-36	5	180	836	-41	2	257	847	-44	6	180	848	-41	3	251
06	849	-35	4	170	849	-43	1	225	852	-46	2	225	848	-35	5	197	835	-44	2	260	848	-43	9	180	848	-43	3	259
09	849	-34	5	186	849	-44	2	232	852	-47	2	225	845	-36	6	180	836	-44	1	259	849	-43	7	180	849	-45	2	270
12	849	-36	4	190	848	-44	3	232	853	-48	2	219	843	-35	5	225	838	-46	3	225	849	-44	5	208	850	-45	2	270
15	849	-33	5	180	849	-42	2	243	852	-45	2	233	841	-35	5	225	841	-43	5	180	849	-45	3	225	851	-41	1	262
18	848	-32	6	180	849	-41	2	225	852	-42	3	189	838	-33	6	225	843	-43	4	180	849	-44	4	225	852	-39	1	278
21	848	-34	7	191	850	-43	2	236	852	-41	4	225	837	-32	5	180	844	-44	5	180	848	-42	5	225	853	-40	2	270
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	853	-40	2	270	848	-30	4	79	846	-37	6	161	849	-40	0	0	853	-40	3	277	849	-41	2	225	851	-38	9	149
03	852	-38	4	298	848	-30	5	141	848	-38	5	180	848	-35	0	0	852	-39	1	284	849	-42	7	201	850	-39	9	141
06	851	-34	1	298	847	-29	6	59	849	-39	5	180	848	-34	0	0	851	-35	3	270	850	-43	6	180	849	-40	11	141
09	851	-34	1	309	845	-31	10	77	850	-41	4	194	848	-33	0	0	850	-39	2	270	851	-43	5	180	849	-40	13	141
12	849	-31	4	349	844	-34	8	141	850	-42	4	211	849	-38	2	291	850	-37	3	271	851	-42	6	180	848	-40	12	145
15	849	-30	4	25	843	-33	9	180	850	-43	3	225	850	-35	3	259	849	-36	2	270	851	-40	6	163	849	-39	11	141
18	849	-30	7	359	843	-34	10	155	850	-42	2	225	851	-34	4	260	848	-37	3	284	852	-38	6	141	849	-38	9	141
21	848	-31	6	360	844	-35	8	153	850	-40	1	243	852	-36	2	270	849	-36	2	206	852	-38	5	136	849	-36	5	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	850	-36	4	138	847	-34	4	180	862	-35	0	0	871	-23	7	45	855	-26	9	45	839	-31	14	167	851	-29	7	267
03	849	-36	5	141	848	-35	3	190	863	-31	0	0	871	-24	5	45	855	-29	4	141	841	-30	15	187	850	-31	10	270
06	848	-36	5	141	849	-39	2	222	864	-26	0	0	871	-23	6	58	855	-31	5	180	842	-28	13	180	849	-30	9	277
09	848	-35	4	141	851	-38	1	225	866	-25	7	13	870	-24	5	62	853	-31	8	173	845	-28	11	180	847	-28	9	270
12	847	-35	3	138	853	-39	1	270	867	-24	7	360	868	-23	6	69	850	-32	8	180	847	-28	9	187	845	-26	8	270
15	847	-35	3	146	855	-37	3	252	869	-23	4	45	865	-25	7	90	846	-32	8	170	848	-28	11	180	843	-21	8	309
18	846	-34	3	180	858	-34	4	252	870	-22	5	23	861	-30	7	101	841	-31	15	180	852	-30	5	231	842	-20	3	309
21	847	-34	3	180	860	-35	2	270	870	-22	4	38	857	-29	10	101	840	-31	15	153	852	-28	7	251	842	-20	10	309
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	841	-21	3	309	851	-41	5	225	861	-29	2	356	865	-23	6	243	869	-16	10	315	872	-11	11	349	878	-18	4	270
03	841	-25	8	259	852	-41	5	225	861	-28	4	356	867	-25	13	238	869	-14	14	309	871	-10	11	360	877	-19	4	270
06	842	-31	8	270	854	-40	3	206	860	-29	6	37	872	-26	9	270	872	-11	8	314	871	-9	8	270	876	-20	4	270
09	843	-33	9	270	856	-37	6	225	858	-26	8	12	874	-25	6	264	874	-10	5	316	874	-15	8	271	874	-20	3	339
12	843	-34	7	270	858	-36	6	248	858	-26	4	45	875	-20	7	270	874	-13	7	360	877	-17	3	249	871	-18	3	330
15	844	-32	9	260	860	-32	4	270	859	-26	5	44	874	-16	5	309	873	-12	11	330	878	-15	5	270	869	-15	3	360
18	846	-33	8	243	861	-28	4	270	860	-24	0	0	873	-12	9	345	873	-10	13	326	879	-13	8	270	867	-14	3	360
21	848	-37	1	167	862	-29	0	0	862	-24	5	315	871	-15	10	360	873	-10	11	346	879	-15	9	280	865	-11	9	309
		DAY	29			DAY	30																					
00	863	-13	8	343	859	-12	8	359																				
03	862	-15	5	339	859	-12	10	354																				
06	861	-18	4	309	859	-12	7	354																				
09	860	-18	4	309	858	-12	6	4																				
12	860	-21	4	281	858	-12	5	360																				
15	860	-18	3	309	857	-11	4	39																				
18	860	-15	5	13	857	-22	3	180																				
21	860	-12	9	360	855	-19	2	163																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -31.1 STD DEV = 10.0 MAX = -9.1 AT 619 GMT ON DAY 27 MIN = -47.7 AT 1154 GMT ON DAY 3
* PRESSURE (MB) * MEAN = 854.0 STD DEV = 10.0 MAX = 879.5 AT 2233 GMT ON DAY 27 MIN = 835.4 AT 540 GMT ON DAY 5
* WINDS (M/S) * MEAN = 5.4 STD DEV = 3.2 RESULTANT = 1.5 FROM 228. CONSTANCY = .27 MAX = 18.9 FROM 177. AT 2337 GMT DAY 19
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	13	25	28	15	11	5	2	2	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	8	2	4	2	2	0	8	4	17	4	13	6	19	2	7	3

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	854	-25	5	148	846	-30	6	111	840	-33	0	0	842	-33	3	90	845	-37	6	180	849	-32	9	187	854	-28	6	181
03	853	-26	4	180	845	-31	4	141	839	-31	2	13	842	-36	2	360	844	-37	6	180	850	-31	9	180	853	-28	7	195
06	853	-30	5	189	843	-31	4	117	839	-31	2	15	843	-36	4	360	844	-38	5	207	851	-31	8	180	853	-30	6	218
09	853	-30	7	180	842	-31	4	141	839	-31	1	90	844	-36	4	160	844	-33	8	198	852	-31	9	183	853	-28	7	225
12	852	-29	8	180	841	-29	3	101	839	-31	4	90	845	-38	4	360	845	-33	6	180	853	-32	11	190	854	-25	6	200
15	851	-30	6	141	841	-30	4	56	839	-31	5	91	846	-37	5	180	846	-32	6	180	853	-30	7	190	855	-24	7	218
18	849	-30	5	111	840	-30	2	46	840	-32	7	103	845	-35	6	181	847	-31	7	180	853	-29	10	180	856	-23	7	225
21	848	-28	6	101	840	-30	0	0	840	-32	4	90	845	-35	6	183	848	-31	7	181	854	-28	8	194	857	-25	8	218
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	857	-28	4	221	868	-22	6	180	872	-26	4	225	876	-25	4	360	871	-13	9	301	855	-25	5	180	858	-26	9	225
03	858	-28	7	228	869	-26	5	190	873	-28	2	225	876	-23	5	339	870	-14	7	302	853	-30	3	206	859	-29	6	233
06	860	-30	6	225	869	-29	3	225	874	-29	2	239	875	-16	9	314	868	-16	13	308	854	-35	5	233	860	-29	9	218
09	861	-33	6	225	870	-25	4	219	875	-30	2	270	874	-15	10	301	866	-19	11	315	854	-34	6	229	861	-30	5	218
12	863	-29	4	225	869	-27	4	225	876	-22	0	0	874	-14	10	270	863	-19	11	309	855	-33	6	231	861	-26	10	231
15	864	-24	6	210	870	-25	4	225	877	-24	1	309	873	-14	10	280	859	-20	13	309	856	-30	6	225	861	-24	13	260
18	865	-21	6	205	870	-22	3	225	877	-21	2	309	872	-13	12	288	858	-20	8	318	856	-27	9	225	861	-21	11	260
21	867	-22	5	180	871	-22	3	225	877	-23	3	360	872	-12	13	280	856	-20	8	309	856	-24	13	235	862	-22	8	200
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	864	-26	4	224	862	-27	2	298	869	-28	4	45	869	-23	2	330	852	-15	7	314	858	-21	4	360	861	-33	6	135
03	864	-32	3	243	862	-30	2	262	869	-28	5	23	868	-23	3	321	855	-29	8	206	857	-21	3	360	862	-32	4	141
06	863	-33	4	270	863	-31	3	231	868	-28	6	360	867	-20	3	360	857	-30	7	180	857	-19	5	25	863	-31	4	86
09	861	-28	9	225	864	-34	3	225	868	-28	4	360	866	-19	5	15	859	-29	5	225	856	-24	6	37	864	-32	6	93
12	861	-24	10	225	865	-33	2	225	868	-28	2	349	863	-16	7	360	860	-26	0	0	857	-27	4	54	865	-32	4	141
15	862	-25	6	225	867	-28	1	101	868	-25	3	290	860	-17	9	360	860	-25	5	340	856	-30	6	98	865	-30	5	120
18	863	-24	3	251	868	-27	4	39	869	-25	1	198	856	-17	10	360	859	-22	4	360	858	-32	8	105	865	-30	3	89
21	863	-25	2	270	868	-27	2	45	869	-23	2	309	854	-16	9	360	858	-20	2	12	859	-32	8	90	865	-30	4	97
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	865	-30	3	141	853	-29	5	129	845	-30	9	169	844	-29	9	136	846	-24	3	141	844	-26	5	141	842	-20	8	149
03	864	-30	4	141	852	-30	0	0	845	-30	8	180	843	-31	9	146	845	-26	2	127	844	-27	3	141	842	-22	6	180
06	863	-31	2	90	851	-31	3	180	845	-30	8	180	844	-31	10	143	845	-27	0	0	844	-27	10	145	843	-25	5	149
09	862	-31	3	101	850	-31	3	181	845	-32	6	180	844	-31	9	141	844	-26	1	79	844	-28	9	141	844	-25	4	141
12	860	-31	5	115	849	-30	6	158	845	-32	6	167	845	-30	8	141	843	-26	2	90	844	-27	11	148	846	-26	3	180
15	858	-30	7	135	848	-28	7	161	845	-29	8	149	845	-27	7	145	843	-25	4	90	844	-25	9	141	847	-23	7	170
18	856	-30	6	120	846	-29	9	180	844	-28	9	141	846	-26	5	141	843	-26	6	90	843	-23	11	135	850	-20	6	152
21	855	-29	3	110	846	-30	6	177	844	-29	9	141	846	-24	5	141	843	-25	6	90	842	-22	7	141	853	-20	5	141
		DAY	29			DAY	30			DAY	31																	
00	855	-20	9	141	866	-23	0	0	858	-14	9	360																
03	857	-22	6	158	865	-23	3	45	855	-14	12	360																
06	860	-21	8	150	865	-22	4	45	851	-14	16	360																
09	863	-21	6	143	865	-23	3	37	849	-15	16	14																
12	864	-21	5	141	864	-22	2	360	846	-15	11	21																
15	865	-20	3	111	863	-22	5	360	845	-12	9	12																
18	865	-19	2	93	862	-20	5	25	844	-13	6	45																
21	866	-20	2	44	860	-18	9	20	843	-13	9	224																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -26.3 STD DEV = 5.6 MAX = -11.9 AT 2018 GMT ON DAY 31 MIN = -39.7 AT 514 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 855.9 STD DEV = 10.2 MAX = 877.0 AT 2001 GMT ON DAY 10 MIN = 838.7 AT 856 GMT ON DAY 3
* WINDS (M/S) * MEAN = 5.8 STD DEV = 3.0 RESULTANT = 1.7 FROM 181. CONSTANCY = .29 MAX = 22.0 FROM 8. AT 707 GMT DAY 31
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	7	23	27	20	15	6	2	0	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	9	5	5	0	9	4	14	5	15	5	16	1	4	2	5	1

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	844	-20	15	231	856	-26	7	245	850	-25	0	0	843	-27	5	180	854	-30	3	221	865	-27	1	289	867	-20	0	0
03	845	-21	14	225	856	-29	5	245	848	-30	1	208	845	-30	8	180	854	-32	3	225	865	-34	2	256	866	-20	0	0
06	847	-24	13	231	856	-33	5	243	847	-31	1	180	848	-31	4	180	856	-34	3	229	866	-37	2	270	866	-20	0	0
09	849	-27	13	243	855	-33	4	225	845	-31	3	167	849	-32	6	180	858	-36	3	225	867	-36	2	259	866	-21	0	0
12	851	-26	11	246	855	-30	3	225	843	-28	2	161	851	-31	6	188	859	-33	2	251	867	-32	2	251	866	-20	1	90
15	852	-25	11	253	854	-24	3	248	841	-27	2	152	852	-29	6	180	861	-28	2	252	867	-26	3	262	867	-17	0	0
18	854	-24	10	225	853	-21	2	259	841	-25	4	149	852	-28	4	180	862	-25	0	0	867	-21	2	212	867	-17	1	172
21	856	-24	7	225	852	-21	1	270	841	-25	4	165	853	-27	4	206	864	-22	0	0	867	-17	0	0	868	-16	1	132
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	870	-18	0	0	868	-20	4	360	864	-17	2	225	865	-19	6	211	858	-17	4	180	854	-18	7	141	853	-17	13	100
03	871	-24	1	225	867	-20	3	349	863	-21	3	201	864	-22	6	225	857	-15	5	160	853	-19	6	141	855	-17	12	97
06	872	-29	1	270	866	-19	4	360	864	-20	5	206	864	-20	6	211	856	-16	8	152	853	-19	10	156	855	-18	10	141
09	873	-25	1	312	865	-14	5	359	864	-20	6	218	863	-19	5	189	855	-17	9	149	853	-19	8	149	856	-18	10	141
12	873	-24	1	270	864	-14	5	1	864	-18	8	201	862	-18	5	180	854	-16	11	161	852	-19	9	155	856	-18	12	141
15	872	-20	3	309	864	-13	4	360	865	-18	7	180	861	-17	6	191	855	-19	11	141	852	-17	9	141	856	-18	12	136
18	871	-17	4	339	863	-12	3	330	865	-17	7	180	859	-16	4	198	855	-19	11	141	852	-16	9	141	856	-17	13	129
21	870	-18	4	360	863	-12	3	212	865	-17	7	180	859	-16	4	180	855	-18	8	161	852	-15	11	141	856	-18	12	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	855	-18	12	141	858	-17	6	141	864	-16	3	73	865	-15	2	135	866	-18	1	338	871	-18	4	360	866	-15	6	37
03	855	-20	10	142	858	-18	6	141	865	-17	3	90	865	-17	2	180	867	-20	2	291	871	-19	7	24	866	-14	5	22
06	854	-19	12	141	859	-18	3	136	865	-17	0	0	865	-21	1	206	867	-24	2	280	871	-19	6	30	865	-14	4	359
09	855	-20	10	143	860	-18	4	124	865	-17	2	159	865	-19	3	180	868	-26	2	309	871	-19	8	13	865	-13	3	360
12	855	-20	9	141	861	-17	3	120	865	-17	2	158	865	-18	2	184	869	-24	2	309	870	-18	9	22	865	-20	7	211
15	855	-18	9	141	862	-17	3	90	865	-16	4	149	865	-16	2	189	869	-20	3	298	868	-17	9	25	864	-20	8	180
18	856	-17	8	134	863	-16	3	90	864	-15	4	141	865	-14	0	0	870	-19	3	305	868	-16	8	45	864	-19	8	174
21	857	-17	8	131	864	-16	4	60	865	-15	3	138	866	-14	0	0	871	-18	2	349	866	-15	8	35	864	-20	9	170
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	864	-21	10	162	870	-18	4	206	867	-11	0	0	872	-13	1	360	875	-10	0	0	869	-10	1	219	864	-12	3	256
03	864	-22	10	180	869	-21	3	229	867	-16	1	270	873	-16	0	0	875	-16	1	270	868	-15	2	238	864	-15	3	252
06	865	-22	8	177	868	-23	2	270	868	-21	1	278	873	-20	1	270	875	-20	1	270	867	-18	3	225	865	-19	4	225
09	866	-21	9	180	867	-22	4	225	868	-21	1	273	874	-20	1	239	874	-18	2	270	866	-17	2	231	867	-18	5	225
12	868	-21	7	180	867	-19	3	225	868	-18	1	270	875	-15	1	203	873	-15	2	277	865	-14	3	260	867	-17	6	180
15	869	-19	7	167	867	-15	4	249	869	-10	0	0	875	-13	2	180	872	-11	4	281	864	-11	4	235	868	-15	3	184
18	869	-18	8	187	866	-11	4	231	870	-11	2	76	875	-10	1	180	871	-9	4	225	864	-9	4	270	869	-13	3	170
21	870	-17	7	180	867	-10	2	206	871	-11	2	45	875	-10	1	179	870	-9	4	225	864	-10	5	225	869	-9	0	0
		DAY	29			DAY	30																					
00	870	-11	0	0	875	-15	2	225																				
03	870	-16	1	294	874	-18	2	225																				
06	871	-19	2	225	874	-21	2	246																				
09	872	-20	2	225	874	-20	2	260																				
12	873	-17	3	225	873	-16	1	257																				
15	873	-14	3	225	872	-13	2	225																				
18	874	-11	3	225	871	-9	1	270																				
21	874	-11	2	225	870	-8	1	270																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -19.1 STD DEV = 5.8 MAX = -7.9 AT 1911 GMT ON DAY 30 MIN = -37.4 AT 550 GMT ON DAY 6
* PRESSURE (MB) * MEAN = 863.1 STD DEV = 7.9 MAX = 875.5 AT 2229 GMT ON DAY 25 MIN = 840.6 AT 1647 GMT ON DAY 3
* WINDS (M/S) * MEAN = 4.4 STD DEV = 3.4 RESULTANT = 2.2 FROM 180. CONSTANCY = .50 MAX = 17.2 FROM 229. AT 153 GMT DAY 1
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	28	30	13	10	10	6	2	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	3	2	1	3	0	13	8	16	7	17	8	11	2	2	1

STATION : 8909 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	868	-11	4	251	863	-11	0	0	862	-15	3	141	856	-17	6	149	855	-15	5	138	865	-16	3	146	866	-14	6	141
03	867	-12	4	270	863	-15	0	0	861	-18	2	161	855	-19	4	161	856	-16	6	141	866	-16	5	129	865	-16	8	145
06	865	-16	5	270	863	-19	0	0	860	-23	3	205	855	-23	5	180	857	-17	6	141	867	-17	4	131	864	-15	9	135
09	863	-16	5	251	863	-23	3	249	859	-23	2	173	854	-24	5	187	858	-17	6	141	867	-17	5	141	863	-15	9	141
12	862	-14	5	225	863	-19	0	0	859	-19	5	180	854	-22	7	174	859	-17	6	125	868	-15	5	141	862	-16	10	141
15	862	-12	8	194	863	-14	1	79	858	-16	7	149	854	-19	7	161	860	-17	3	125	867	-14	5	113	861	-14	10	141
18	862	-10	4	180	863	-14	3	80	857	-16	8	141	854	-17	6	141	862	-16	3	101	867	-14	6	103	860	-12	12	141
21	863	-7	0	0	862	-14	2	121	856	-16	9	153	855	-16	6	139	863	-15	1	141	867	-14	7	101	859	-12	12	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	858	-13	12	141	860	-12	8	111	868	-13	6	90	869	-12	2	360	870	-13	4	141	875	-14	7	153	881	-11	7	158
03	858	-14	9	141	861	-13	9	141	868	-13	4	118	868	-13	3	339	871	-17	3	180	876	-13	6	149	881	-12	8	169
06	858	-14	10	134	861	-14	9	139	869	-14	3	120	868	-14	3	321	871	-20	3	198	876	-13	6	141	881	-13	9	180
09	858	-13	9	141	863	-15	7	141	870	-14	3	90	868	-15	3	318	872	-19	4	188	878	-13	6	141	881	-12	9	180
12	858	-12	8	129	864	-14	8	141	870	-14	3	45	868	-15	4	270	873	-17	5	166	878	-14	6	169	881	-12	9	169
15	858	-12	9	141	865	-13	6	113	870	-13	3	54	867	-14	3	225	873	-14	5	180	879	-12	7	180	881	-12	9	180
18	859	-11	8	141	866	-12	7	90	869	-10	2	101	868	-12	4	181	874	-12	6	180	880	-11	9	170	880	-10	9	161
21	859	-12	10	141	867	-13	6	111	869	-11	2	65	869	-12	5	145	874	-12	9	142	881	-11	7	149	880	-12	8	170
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	881	-11	10	150	880	-12	4	180	877	-7	2	225	877	-7	4	260	870	-13	3	37	873	-13	8	90	879	-12	7	129
03	881	-12	7	142	879	-16	1	206	877	-9	2	243	877	-8	4	240	870	-14	2	101	873	-13	8	90	880	-12	7	141
06	881	-13	6	148	X	X	X	X	877	-10	4	236	876	-10	2	180	869	-15	4	90	874	-13	6	108	881	-12	4	141
09	881	-12	8	141	X	X	X	X	877	-9	5	225	875	-14	4	188	869	-15	4	90	875	-13	6	110	881	-11	5	121
12	882	-12	7	141	X	X	X	X	877	-9	5	238	874	-14	4	180	870	-15	5	90	876	-13	8	108	882	-11	5	132
15	881	-11	6	142	X	X	X	X	877	-8	4	225	873	-13	2	207	870	-14	5	90	877	-12	7	111	882	-10	4	141
18	881	-11	6	180	X	X	X	X	878	-6	5	270	872	-9	0	0	871	-14	5	107	878	-12	8	141	882	-9	3	149
21	880	-10	7	169	X	X	X	X	877	-6	5	270	871	-13	3	21	872	-13	6	98	879	-12	7	129	882	-9	4	146
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	882	-10	6	72	877	-8	2	181	875	-9	1	141	877	-9	4	141	878	-10	1	180	879	-9	1	309	880	-8	1	218
03	882	-10	4	90	876	-8	3	207	875	-13	2	170	877	-14	4	180	877	-17	1	225	879	-13	2	256	879	-14	1	231
06	882	-10	2	90	875	-9	2	180	875	-11	1	181	877	-18	3	179	878	-20	2	231	879	-16	3	231	879	-19	0	0
09	881	-10	1	45	875	-10	2	180	876	-10	3	177	878	-19	2	218	878	-20	1	231	879	-15	3	225	878	-19	2	225
12	881	-9	0	0	875	-9	2	180	876	-10	4	170	878	-15	2	197	878	-14	1	270	880	-11	4	225	877	-15	2	225
15	880	-8	2	141	874	-8	4	172	876	-8	4	141	878	-11	5	180	878	-9	1	294	880	-8	3	225	876	-10	1	243
18	879	-8	2	161	874	-7	4	158	876	-7	5	141	878	-10	4	145	878	-8	2	309	880	-6	3	203	875	-7	1	270
21	878	-8	2	189	875	-7	3	135	877	-7	4	141	878	-9	3	141	879	-7	2	309	880	-6	3	189	874	-7	1	235
		DAY	29			DAY	30			DAY	31																	
00	873	-10	1	266	872	-11	1	207	877	-14	6	141																
03	872	-15	2	270	873	-17	1	225	X	X	X	X																
06	871	-20	3	270	874	-18	1	243	X	X	X	X																
09	871	-18	4	246	875	-17	0	0	X	X	X	X																
12	871	-14	4	256	876	-16	6	156	X	X	X	X																
15	870	-11	4	225	876	-15	5	149	X	X	X	X																
18	871	-9	4	225	877	-14	5	135	X	X	X	X																
21	871	-9	3	200	877	-14	6	149	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -12.9 STD DEV = 3.5 MAX = -3.1 AT 2143 GMT ON DAY 1 MIN = -24.1 AT 703 GMT ON DAY 4
* PRESSURE (MB) * MEAN = 871.4 STD DEV = 7.9 MAX = 882.2 AT 1709 GMT ON DAY 21 MIN = 853.7 AT 1510 GMT ON DAY 4
* WINDS (M/S) * MEAN = 4.6 STD DEV = 2.6 RESULTANT = 3.3 FROM 152. CONSTANCY = .73 MAX = 14.2 FROM 143. AT 1815 GMT DAY 7
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 5.2 % PRESSURE: 5.2 % WINDS: 5.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	19	29	23	18	9	2	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	2	1	8	6	28	9	18	4	10	5	5	0	2	0

STATION : 8910 LAURIE (ICE SHELF - N) LAT : 77.5 S LONG : 169.9E ELEVATION : 27 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	992	-6	9	225	1002	-2	0	0	992	-1	5	360	989	0	1	225	993	-7	3	159	994	-6	5	180	996	-1	0	0
03	993	-6	9	225	1001	0	0	0	990	-1	4	356	990	-4	3	225	993	-6	3	180	994	-6	4	186	996	-2	0	0
06	995	-5	8	225	1001	-1	0	0	989	-2	5	360	991	-4	2	183	993	-7	4	183	994	-6	4	189	996	-5	0	0
09	997	-5	8	225	1000	-3	1	360	988	-3	6	360	992	-5	3	180	993	-8	4	162	995	-6	1	195	996	-8	0	0
12	998	-5	8	201	999	-4	2	349	988	-6	2	22	992	-6	4	180	993	-8	3	180	995	-6	1	161	996	-11	1	37
15	999	-6	5	195	997	-4	4	353	987	-4	2	360	993	-8	4	180	994	-8	4	225	995	-6	0	0	996	-12	0	0
18	1000	-6	4	180	995	-3	5	356	988	-3	4	3	993	-9	4	201	994	-7	3	180	995	-5	0	0	996	-9	0	0
21	1001	-4	1	180	994	-3	4	360	988	-3	0	0	994	-8	4	180	994	-8	5	189	995	-5	0	0	996	-6	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	995	-3	0	0	988	-2	0	0	984	-4	4	166	988	-4	7	186	988	-6	7	180	987	-5	3	198	987	-4	7	189
03	994	-2	0	0	987	-3	6	180	984	-4	7	156	988	-4	8	180	988	-6	7	188	987	-4	0	0	987	-3	4	180
06	993	-2	0	0	986	-4	8	180	984	-4	5	161	988	-4	7	180	987	-6	7	204	986	-3	0	0	987	-3	1	258
09	992	-4	0	0	985	-6	5	170	985	-5	6	189	988	-5	7	180	987	-6	7	180	986	-4	6	204	987	-4	2	243
12	991	-6	2	243	985	-5	4	160	986	-5	5	172	988	-6	2	189	987	-7	5	225	986	-5	4	183	988	-6	1	262
15	990	-6	4	180	984	-6	2	135	986	-5	7	215	988	-5	2	127	987	-8	5	225	986	-5	5	180	989	-6	0	0
18	990	-6	1	225	983	-6	5	141	986	-6	8	180	988	-6	4	198	987	-7	6	221	987	-5	7	190	989	-6	0	0
21	989	-5	1	252	983	-5	5	141	988	-5	6	189	988	-7	7	180	987	-6	6	195	987	-4	4	180	990	-4	2	349
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	990	-1	4	360	990	-3	11	225	990	-2	4	326	997	-6	1	179	1006	-4	5	200	1001	-1	0	0	989	-8	5	180
03	990	-1	3	321	989	-4	11	225	989	-2	4	360	998	-2	3	180	1006	-4	5	180	999	3	0	0	989	-6	8	201
06	990	-3	0	0	989	-3	11	225	989	-2	6	349	999	-2	4	180	1006	-4	3	218	997	-4	0	0	989	-8	8	195
09	991	-6	0	0	990	-4	9	225	990	-3	4	338	1000	-3	6	198	1005	-7	2	180	995	-6	0	0	990	-9	6	195
12	991	-6	0	0	990	-5	7	225	991	-4	4	339	1002	-4	5	191	1005	-9	1	184	993	-9	0	0	991	-10	7	180
15	991	-10	2	206	990	-5	3	210	992	-5	1	270	1003	-6	5	211	1004	-10	0	0	992	-9	1	72	991	-11	8	180
18	991	-4	7	217	990	-5	1	285	994	-8	0	0	1005	-5	6	218	1003	-9	0	0	991	-10	1	90	991	-10	8	190
21	990	-3	11	225	990	-4	1	22	996	-6	0	0	1005	-5	6	198	1002	-4	0	0	990	-8	2	141	992	-7	7	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	992	-5	7	224	995	-6	0	0	X	X	X	X	988	-7	7	225	989	-4	0	0	993	-4	0	0	990	-7	5	191
03	992	-7	6	180	995	-5	0	0	988	-4	0	0	988	-7	3	270	989	-5	0	0	992	-2	7	309	990	-9	9	204
06	993	-9	1	205	994	-4	0	0	987	-4	0	0	987	-7	1	242	990	-6	0	0	991	-4	9	315	991	-11	10	225
09	993	-11	2	198	994	-9	1	359	987	-8	7	225	987	-7	0	0	991	-6	0	0	991	X	5	292	992	-11	9	225
12	993	-14	1	243	994	-10	0	0	988	-10	5	189	987	-10	2	31	993	-10	1	136	991	-9	0	0	993	-11	9	225
15	993	-12	1	270	993	-13	1	70	988	-11	3	189	987	-14	1	45	993	-12	2	90	990	-8	1	189	994	-11	9	194
18	994	-8	1	270	992	-7	1	45	988	-8	3	206	987	-15	0	0	994	-11	3	90	989	-10	1	218	995	-11	10	183
21	994	-6	0	0	X	X	X	X	987	-8	6	225	988	-9	0	0	994	-9	0	0	990	-8	2	206	996	-11	9	180
		DAY	29			DAY	30			DAY	31																	
00	997	-9	10	180	998	-10	13	225	995	-8	7	225																
03	998	-9	9	205	997	-9	13	225	994	-7	6	225																
06	998	-9	12	201	997	-9	13	207	993	-7	8	218																
09	998	-9	8	198	996	-9	11	207	993	-9	6	225																
12	X	X	X	X	995	-8	13	225	992	-11	4	195																
15	998	-10	10	225	995	-9	14	225	991	-13	0	0																
18	998	-10	10	215	995	-8	11	215	990	-14	0	0																
21	999	-10	11	208	995	-9	9	225	989	-11	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -6.2 STD DEV = 2.9 MAX = 4.6 AT 213 GMT ON DAY 20 MIN = -15.2 AT 1057 GMT ON DAY 22
* PRESSURE (MB) * MEAN = 992.2 STD DEV = 4.9 MAX =1006.4 AT 125 GMT ON DAY 19 MIN = 981.4 AT 2346 GMT ON DAY 31
* WINDS (M/S) * MEAN = 4.0 STD DEV = 3.4 RESULTANT = 2.9 FROM 206. CONSTANCY = .72 MAX = 17.8 FROM 204. AT 1246 GMT DAY 30
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.6 % PRESSURE: 1.2 % WINDS: 1.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	37	17	18	14	8	4	2	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	8	2	2	1	2	0	3	4	30	16	22	3	3	1	2	1

STATION : 8910 LAURIE (ICE SHELF - N) LAT : 77.5 S LONG : 169.9E ELEVATION : 27 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	981	-9	2	189	981	-6	7	225	982	-3	5	225	984	-4	2	187	989	-5	1	180	989	-6	1	75	986	-2	3	45
03	980	-8	2	206	981	-5	6	225	982	-5	5	180	983	-5	3	225	989	-6	1	180	989	-3	0	0	985	-2	3	31
06	980	-9	1	231	980	-5	7	208	982	-5	5	180	984	-4	2	218	989	-5	0	0	988	-3	0	0	985	-3	1	32
09	980	-12	0	0	981	-6	7	225	982	-6	3	170	985	-8	2	218	989	-9	0	0	988	-3	3	45	984	-4	0	0
12	980	-14	1	180	981	-6	9	225	982	-6	0	0	985	-7	3	211	989	-13	1	39	987	-4	2	54	983	-5	1	90
15	980	-15	0	0	980	-5	6	225	982	-9	0	0	986	-7	3	208	989	-15	1	65	987	-5	2	69	982	-8	1	149
18	981	-16	0	0	981	-5	8	204	983	-11	0	0	987	-7	1	180	990	-13	2	45	986	-5	2	80	982	-7	2	186
21	981	-9	5	219	981	-4	5	225	983	-6	2	189	988	-7	0	0	990	-9	0	0	986	-3	2	45	981	-7	5	200
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	982	-8	8	206	990	-10	15	201	990	-10	15	225	995	-11	9	206	997	-11	1	180	993	-8	0	0	990	-12	4	59
03	982	-9	9	225	990	-9	18	225	991	-10	14	211	995	-11	8	206	997	-11	1	225	993	-8	0	0	988	-10	5	59
06	982	-9	12	215	990	-10	17	218	991	-10	13	225	996	-10	7	201	996	-12	0	0	993	-9	1	90	988	-9	3	64
09	983	-10	11	218	991	-10	15	210	991	-9	16	215	996	-12	5	225	996	-12	0	0	993	-10	1	45	988	-10	0	0
12	984	-11	10	211	991	-10	14	225	992	-10	11	225	997	-12	5	218	995	-12	0	0	992	-10	0	0	989	-12	3	225
15	990	-10	11	225	990	-10	16	200	992	-10	12	225	X	X	X	X	994	-13	0	0	992	-11	3	79	990	-12	3	215
18	991	-11	10	225	991	-10	15	225	993	-10	11	211	X	X	X	X	994	-13	0	0	991	-12	4	90	991	-13	4	214
21	991	-11	14	225	990	-10	18	200	994	-11	10	225	998	-12	4	201	994	-10	1	21	990	-12	6	69	992	-12	4	225
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	993	-12	5	225	996	-14	2	180	991	-15	4	190	981	-12	0	0	980	-18	0	0	982	-9	6	198	987	-11	2	158
03	994	-12	5	201	996	-13	3	184	990	-15	1	180	980	-12	0	0	979	-13	0	0	983	-12	6	180	986	-12	0	0
06	994	-13	2	162	995	-13	2	186	988	-14	0	0	(980)	-15	0	0	979	-13	0	0	984	-16	5	180	985	-13	2	360
09	994	-13	0	0	994	-14	7	190	986	-19	1	37	(973)	-20	2	90	979	-14	0	0	985	-15	1	180	985	-15	3	49
12	994	-15	0	0	995	-18	3	180	984	-20	3	38	973	-24	0	0	979	-12	1	225	985	-12	8	225	984	-14	4	44
15	994	-14	0	0	993	-19	5	189	982	-21	1	45	973	-26	0	0	979	-11	1	225	986	-13	5	180	983	-13	3	45
18	994	-13	3	208	993	-19	11	184	981	-11	2	309	(973)	-25	1	149	979	-9	0	0	987	-14	3	180	982	-12	4	45
21	995	-15	3	188	993	-18	5	206	981	-16	2	221	(980)	-22	1	206	980	-8	6	206	987	-15	1	236	982	-13	5	79
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	982	-11	5	65	984	-14	6	214	983	-15	3	180	984	-16	11	218	989	-19	2	193	991	-18	4	189	991	-21	0	0
03	981	-10	5	45	983	-14	6	186	982	-16	4	194	985	-15	10	225	989	-18	1	170	991	-18	6	193	990	-23	1	180
06	980	-10	4	90	984	-16	4	225	981	-16	4	197	985	-15	8	208	990	-18	0	0	991	-17	5	189	990	-22	3	152
09	980	-11	3	135	984	-17	2	225	981	-17	8	189	986	-15	9	212	990	-20	1	218	991	-18	3	205	989	-27	1	101
12	981	-15	4	190	985	-19	1	225	981	-18	9	225	986	-14	8	225	990	-20	0	0	991	-19	3	180	989	-25	2	208
15	981	-16	8	201	985	-19	1	190	981	-19	10	206	987	-15	9	189	990	-21	0	0	991	-24	2	207	987	-27	3	198
18	982	-15	7	206	985	-18	1	205	981	-19	12	217	988	-20	5	180	990	-21	2	189	991	-24	0	0	987	-24	2	205
21	983	-15	7	180	984	-16	1	180	982	-16	13	225	989	-21	2	189	991	-19	2	194	991	-21	0	0	987	-23	4	195

Pressure jumps of 6.6 mb on circled occasions due to instrument problem.

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -12.5 STD DEV = 5.4 MAX = -1.4 AT 437 GMT ON DAY 6 MIN = -28.5 AT 952 GMT ON DAY 28

* PRESSURE (MB) * MEAN = 988.6 STD DEV = 5.4 MAX = 997.9 AT 2213 GMT ON DAY 11 MIN = 972.2 AT 1627 GMT ON DAY 18

* WINDS (M/S) * MEAN = 4.2 STD DEV = 4.2 RESULTANT = 3.2 FROM 206. CONSTANCY = .75 MAX = 19.6 FROM 211. AT 833 GMT DAY 9

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .9 % PRESSURE: .9 % WINDS: .9 %

WIND SPEED (M/S)	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	37	24	14	6	7	4	4	2	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	2	8	4	5	0	1	3	24	23	29	0	0	0	1	0

STATION : 8910 LAURIE (ICE SHELF - N) LAT : 77.5 S LONG : 169.9E ELEVATION : 27 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	990	-24	0	0	990	-27	1	204	977	-27	1	170	972	-27	2	180	978	-22	5	180	977	-25	7	189
03	987	-24	4	180	991	-24	0	0	989	-22	4	205	976	-26	2	186	972	-24	2	170	978	-22	6	225	976	-25	8	189
06	987	-22	4	180	991	-23	0	0	987	-24	1	198	975	-27	0	0	972	-25	1	129	978	-25	5	187	975	-25	7	198
09	988	-23	3	180	991	-27	1	69	986	-24	2	189	974	-31	0	0	973	-27	2	180	978	-27	4	180	975	-24	9	204
12	988	-24	0	0	991	-29	2	56	984	-24	2	224	973	X	0	0	974	-30	1	170	978	-27	4	180	973	-25	7	225
15	988	-26	1	180	990	-28	2	86	983	-25	3	201	972	-28	0	0	975	-29	2	180	978	-26	7	225	971	-25	8	225
18	989	-28	2	141	990	-29	1	90	981	-28	4	225	972	-29	0	0	976	-25	4	148	978	-26	8	225	969	-30	6	225
21	990	-28	3	115	990	-28	1	161	979	-26	5	225	972	-29	1	141	977	-22	6	149	977	-25	7	225	969	-29	8	219
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	969	-27	10	225	976	-20	15	205	980	-24	6	55	979	-22	7	211	975	-21	25	226	980	-25	2	216	981	-28	3	37
03	970	-27	11	195	976	-19	18	225	979	-21	6	69	977	-20	5	212	976	-21	24	238	980	-26	1	197	980	-23	4	45
06	971	-28	7	225	978	-20	14	215	980	-23	5	90	977	-21	3	180	977	-21	20	225	980	-26	1	189	979	-21	4	48
09	972	-21	17	225	979	-21	9	207	980	-24	1	155	976	-21	0	0	978	-18	19	225	979	-29	0	0	977	-19	5	46
12	975	-21	16	231	980	-22	5	193	979	-24	6	198	976	-19	10	238	981	-19	12	225	979	-28	2	180	976	-17	1	54
15	975	-19	16	225	980	-28	0	0	979	-24	7	218	977	-20	12	225	980	-22	8	181	980	-25	1	198	974	-18	0	0
18	975	-19	14	233	981	-28	0	0	979	-24	8	206	976	-19	14	225	981	-27	3	243	980	-26	0	0	972	-15	1	222
21	975	-21	17	225	981	-27	4	62	979	-22	8	225	975	-20	16	225	981	-26	3	180	981	-28	0	0	971	-24	3	225
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	970	-23	10	225	981	-25	18	198	989	-34	4	225	995	-30	6	225	996	-35	0	0	982	-31	0	0	981	-25	1	45
03	969	-23	12	225	984	-26	18	212	989	-30	6	206	997	-30	6	218	994	-33	0	0	981	-29	0	0	981	-27	1	63
06	968	-23	14	221	986	-28	16	189	989	-29	7	225	998	-29	4	225	993	-36	0	0	981	-31	0	0	983	-30	0	0
09	969	-23	15	225	988	-28	13	208	990	-30	5	189	998	-31	3	208	991	-35	0	0	981	-25	0	0	984	-30	2	180
12	969	-24	13	211	989	-30	9	180	991	-30	8	205	998	-32	2	189	990	-35	0	0	981	-33	0	0	985	-27	6	218
15	971	-23	18	218	989	-31	6	180	992	-32	5	198	998	-34	1	189	990	-33	0	0	980	-37	0	0	987	-25	7	198
18	975	-24	20	225	989	-34	6	180	993	-31	5	191	998	-36	1	180	982	-38	0	0	980	-34	1	45	989	-26	8	197
21	978	-26	20	207	989	-36	4	180	995	-31	6	204	997	-38	0	0	982	-32	0	0	980	-29	0	0	990	-25	8	218
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	991	-25	7	206	975	-27	1	12	965	-31	1	206	964	-28	2	180	965	-34	0	0	961	-30	8	210	970	-32	0	0
03	991	-28	6	194	973	-28	1	360	964	-26	5	225	966	-32	6	225	963	-34	0	0	962	-31	6	206	970	-36	1	45
06	990	-30	3	186	972	-30	3	38	965	-24	7	225	969	-32	5	218	961	-37	5	65	963	-31	4	189	971	-38	0	0
09	988	-31	0	0	971	-31	2	45	965	-25	7	225	969	-29	7	186	959	-30	2	45	965	-31	2	186	X	-36	0	0
12	984	X	3	27	969	-32	0	0	964	-26	5	206	970	-29	8	218	959	-30	3	189	966	-32	3	180	971	-35	0	0
15	981	-18	5	309	968	-37	1	198	963	-27	3	214	970	-32	7	225	958	-30	4	149	967	-33	3	180	971	-32	0	0
18	979	-27	0	0	967	-39	3	206	962	-28	2	218	969	-34	5	203	959	-31	6	180	968	-37	1	189	971	-38	0	0
21	977	-28	0	0	966	-33	4	217	962	-28	2	207	967	-34	3	198	960	-30	8	225	969	-38	0	0	971	-40	0	0
		DAY	29			DAY	30			DAY	31																	
00	971	-33	1	51	972	-30	4	218	978	-30	5	225																
03	971	-29	1	174	973	-31	3	222	980	-33	4	180																
06	971	-38	0	0	974	-33	1	225	980	-34	3	180																
09	971	-35	0	0	974	-36	1	189	981	-36	2	195																
12	971	-30	0	0	975	-28	8	180	981	-36	1	180																
15	971	-35	0	0	976	-28	6	180	982	-36	1	180																
18	971	-35	0	0	977	-31	5	207	982	-39	1	176																
21	972	-30	0	0	978	-30	5	225	982	-33	3	90																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -27.9 STD DEV = 5.1 MAX = -14.9 AT 1751 GMT ON DAY 14 MIN = -40.5 AT 1730 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 980.5 STD DEV = 8.9 MAX = 998.2 AT 945 GMT ON DAY 18 MIN = 958.2 AT 1530 GMT ON DAY 26
* WINDS (M/S) * MEAN = 4.7 STD DEV = 5.1 RESULTANT = 3.8 FROM 210. CONSTANCY = .81 MAX = 24.7 FROM 226. AT 2336 GMT DAY 11
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: .8 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	38	19	15	12	5	1	2	3	1	2	2	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	1	7	3	2	1	2	3	27	21	31	2	0	0	1	0

STATION : 8910 LAURIE (ICE SHELF - N) LAT : 77.5 S LONG : 169.9E ELEVATION : 27 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	979	-37	0	0	982	-37	0	0	987	-32	0	0	985	-30	10	180	980	-36	2	152	983	-36	5	207
03	982	-30	1	141	979	-33	0	0	983	-37	0	0	987	-35	2	180	984	-32	8	189	979	-33	1	180	984	-37	1	239
06	981	-29	0	0	979	-38	0	0	983	-35	0	0	986	-43	1	225	984	-32	7	206	980	-38	3	180	984	-39	1	180
09	981	-35	0	0	979	-40	1	129	984	-34	0	0	986	-40	1	198	983	-36	6	187	980	-41	3	180	983	-41	1	90
12	980	-39	0	0	979	-40	2	141	985	-34	0	0	985	-37	6	187	982	-38	4	187	980	-41	4	190	982	-39	2	79
15	980	-39	0	0	979	-39	0	0	985	-37	0	0	985	-35	7	180	982	-39	3	177	981	-41	4	208	980	-34	3	62
18	979	-41	0	0	980	-38	0	0	985	-34	1	360	985	-33	9	225	981	-37	1	189	982	-41	3	206	979	-33	0	0
21	979	-41	0	0	981	-38	0	0	986	-36	0	0	985	-31	7	198	980	-36	1	161	982	-36	4	225	978	-37	5	225
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	980	-41	8	225	978	-36	13	180	990	-29	5	333	963	-41	5	149	972	-34	6	149	977	-33	4	253	980	-25	13	193
03	981	-35	11	219	976	-34	12	180	960	-41	0	0	964	-42	3	149	969	-35	9	180	978	-35	2	225	980	-21	10	206
06	983	-36	11	222	973	-34	14	193	958	-39	2	90	964	-45	1	149	970	-38	7	181	980	-34	7	180	979	-20	11	225
09	983	-35	10	225	971	-36	5	224	958	-39	4	207	956	-45	0	0	971	-38	7	180	981	-33	2	264	972	-22	11	206
12	984	-37	10	225	967	-41	2	149	957	-43	6	225	987	-42	0	0	973	-39	4	189	981	-32	0	0	972	-22	10	193
15	982	-39	12	180	964	-44	1	54	959	-39	5	218	988	-39	2	143	974	-34	7	180	981	-33	0	0	973	-22	7	219
18	981	-35	19	193	960	-43	3	54	961	-40	6	225	992	-37	0	0	974	-29	7	180	981	-35	0	0	973	-27	5	225
21	980	-37	11	198	957	-43	2	45	962	-40	4	180	995	-35	4	141	975	-31	6	180	980	-29	3	200	974	-26	17	206
		DAY	15			DAY	'16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	977	-34	15	200	982	-29	10	180	969	-14	13	225	961	X	15	198	X	X	X	X	X	X	X	X	X	X	X	X
03	976	-22	12	201	981	-28	8	181	965	-11	12	224	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	978	-25	14	218	979	-28	4	149	960	-11	16	225	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	978	-22	12	218	979	-26	13	180	957	-12	19	219	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	980	-23	13	207	980	-28	10	225	956	-11	19	225	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	979	-19	17	225	979	-27	7	184	956	-10	21	225	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	980	-21	13	225	975	-19	12	205	956	-10	21	222	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	980	-28	14	180	971	-13	13	225	957	-10	18	225	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	29			DAY	30																					
00	X	X	X	X	X	X	X	X																				
03	X	X	X	X	X	X	X	X																				
06	X	X	X	X	X	X	X	X																				
09	X	X	X	X	X	X	X	X																				
12	X	X	X	X	X	X	X	X																				
15	X	X	X	X	X	X	X	X																				
18	X	X	X	X	X	X	X	X																				
21	X	X	X	X	X	X	X	X																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -32.9 STD DEV = 8.2 MAX = -9.1 AT 427 GMT ON DAY 17 MIN = -46.4 AT 1101 GMT ON DAY 11

* PRESSURE (MB) * MEAN = 976.8 STD DEV = 8.8 MAX = 999.0 AT 2356 GMT ON DAY 11 MIN = 954.1 AT 1610 GMT ON DAY 17

* WINDS (M/S) * MEAN = 6.0 STD DEV = 5.5 RESULTANT = 5.3 FROM 203. CONSTANCY = .87 MAX = 23.2 FROM 212. AT 1408 GMT DAY 17

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 43.8 % PRESSURE: 43.3 % WINDS: 43.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	32	15	12	10	4	7	11	2	2	2	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	3	1	3	0	5	7	29	19	29	2	1	0	0	1

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	971	-8	4	90	979	-4	4	52	970	-4	3	90	967	-7	5	90	971	-7	5	58	972	-9	6	90	974	-6	1	301
03	973	-8	3	79	979	-2	3	323	968	-3	3	72	968	-7	7	90	971	-8	4	45	972	-7	4	45	974	-5	2	330
06	974	-7	4	45	978	-3	5	360	967	-6	4	75	969	-9	7	73	971	-9	5	60	972	-7	4	90	974	-6	2	322
09	976	-6	6	45	978	-4	4	360	967	-2	0	0	970	-10	7	79	971	-11	6	68	972	-8	3	56	974	-7	3	340
12	977	-6	6	53	977	-5	5	347	966	-5	1	120	970	-12	7	79	971	-10	6	77	972	-9	1	37	974	-7	2	330
15	978	-6	5	79	975	-6	3	336	965	-8	3	76	971	-11	7	54	971	-9	6	90	972	-6	0	0	974	-7	1	309
18	979	-6	4	90	973	-3	2	360	966	-7	3	62	971	-11	6	59	971	-10	5	79	973	-7	0	0	974	-6	2	319
21	979	-4	4	45	972	-1	1	54	966	-7	4	60	971	-9	6	45	972	-9	6	45	973	-6	1	291	974	-5	2	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	973	-3	2	360	967	-2	1	20	962	-7	7	75	967	-7	6	79	966	-8	7	69	965	-4	1	45	966	-5	3	83
03	972	-1	0	0	966	-1	3	90	962	-6	5	90	966	-7	6	59	966	-9	7	65	965	-3	2	45	966	-4	2	90
06	972	-2	1	4	965	-3	5	120	963	-8	6	90	967	-7	5	79	966	-9	6	69	965	-4	2	98	966	-3	3	58
09	971	-2	0	0	964	-3	3	91	964	-7	6	45	967	-9	6	45	966	-10	5	90	965	-5	3	114	966	-2	0	0
12	970	-3	0	0	963	-5	5	73	964	-7	6	59	967	-5	3	69	966	-10	4	90	965	-5	4	149	967	-4	2	25
15	969	-2	1	120	963	-5	4	76	965	-8	5	63	966	-5	0	0	966	-10	3	77	965	-7	4	45	967	-7	0	0
18	968	-3	0	0	962	-2	3	54	965	-7	3	54	967	-9	5	56	966	-9	6	58	965	-7	5	72	967	-5	2	360
21	968	-2	0	0	962	-5	5	54	966	-8	6	45	967	-9	6	54	965	-8	6	70	966	-5	3	111	968	-4	3	350
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	968	-3	3	360	970	-4	3	135	967	-4	6	315	975	-4	3	82	985	-7	6	76	978	-3	3	349	968	-8	7	120
03	968	-3	3	356	969	-4	10	170	967	-2	4	349	977	-7	4	101	984	-7	5	72	976	-2	2	350	968	-9	6	86
06	969	-2	0	0	969	-5	11	153	967	-1	2	54	978	-7	3	101	984	-5	5	45	975	-3	2	360	968	-10	6	65
09	969	-3	0	0	969	-6	7	141	968	-4	10	342	980	-8	4	75	983	-5	3	45	973	-4	2	360	969	-12	5	79
12	970	-3	0	0	969	-7	3	49	969	-5	6	342	981	-9	4	48	983	-4	2	20	971	-4	0	0	969	-12	4	116
15	970	-4	3	105	968	-7	4	45	971	-4	3	339	982	-8	3	84	981	-5	0	0	970	-5	0	0	969	-11	5	90
18	970	-4	5	155	968	-4	1	59	972	-4	0	0	983	-8	4	90	980	-4	2	354	969	-5	1	73	970	-9	5	129
21	971	-5	3	83	967	-4	5	308	974	-4	2	59	984	-7	3	54	979	-3	1	360	968	-8	4	90	971	-7	7	115
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	970	-4	5	149	973	-8	2	83	X	X	X	X	966	-8	3	135	967	-7	2	301	970	-9	5	56	968	-10	3	89
03	971	-5	3	90	972	-5	3	180	966	-6	6	314	965	-9	3	45	968	-5	1	251	970	-3	1	45	969	-11	5	75
06	971	-9	4	59	972	-6	1	360	965	-5	3	301	965	-6	3	315	968	-5	1	339	969	-7	3	309	969	-12	4	90
09	971	-9	3	90	972	-7	1	360	966	-12	6	141	965	-8	2	309	970	-5	0	0	969	-9	3	349	970	-12	6	54
12	971	-11	4	51	972	-7	1	360	966	-12	6	90	965	-8	2	326	971	-9	4	80	968	-8	0	0	971	-14	8	79
15	971	-8	3	90	970	-9	3	356	966	-11	6	141	965	-9	2	309	971	-13	6	45	968	-9	2	87	972	-11	5	77
18	972	-8	3	111	969	-9	2	360	966	-10	5	45	965	-7	3	309	971	-11	6	69	967	-9	4	90	973	-9	9	117
21	972	-8	3	79	X	X	X	X	966	-9	3	79	965	-7	1	257	971	-11	6	60	968	-8	4	54	974	-9	6	101
		DAY	29			DAY	30			DAY	31																	
00	975	-9	7	79	979	-7	4	143	974	-2	3	49																
03	976	-8	3	72	978	-5	4	90	972	-5	5	45																
06	977	-7	3	93	977	-7	4	107	972	-7	6	45																
09	977	-7	4	90	976	-8	6	89	971	-8	6	48																
12	X	X	X	X	976	-9	5	111	970	-7	3	35																
15	978	-8	4	45	976	-6	6	135	969	-4	4	45																
18	978	-8	5	76	975	-7	4	77	968	-3	4	45																
21	978	-8	11	141	975	-4	4	45	967	-2	4	45																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -6.4 STD DEV = 2.7 MAX = -.1 AT 159 GMT ON DAY 13 MIN = -13.9 AT 1055 GMT ON DAY 28

* PRESSURE (MB) * MEAN = 970.5 STD DEV = 4.8 MAX = 984.6 AT 2319 GMT ON DAY 18 MIN = 961.7 AT 1806 GMT ON DAY 9

* WINDS (M/S) * MEAN = 3.8 STD DEV = 2.1 RESULTANT = 2.7 FROM 68. CONSTANCY = .71 MAX = 13.6 FROM 145. AT 1944 GMT DAY 29

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: 1.2 % WINDS: 1.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	22	35	29	11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	10	1	22	18	24	6	4	2	1	0	0	1	0	2	6	4

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	966	-5	4	45	966	-7	3	45	967	-4	2	62	969	-3	2	70	973	-6	3	58	974	-4	0	0	971	-6	3	90
03	966	-5	2	35	966	-5	2	54	967	-4	2	90	969	-5	5	45	973	-3	2	309	973	-2	0	0	970	-5	4	82
06	965	-4	0	0	966	-5	2	45	967	-4	2	68	969	-5	5	45	973	-1	0	0	973	-5	1	70	969	-4	3	66
09	965	-5	0	0	966	-6	2	35	968	-4	2	90	970	-6	5	55	974	-4	0	0	973	-5	0	0	969	-5	3	69
12	965	-8	0	0	967	-7	4	45	968	-4	0	0	971	-6	6	51	974	-5	0	0	972	-6	3	90	968	-7	4	90
15	966	-9	0	0	966	-5	3	45	968	-5	0	0	971	-5	4	53	974	-6	0	0	972	-7	1	166	967	-9	6	90
18	966	-9	4	111	967	-7	3	68	968	-1	0	0	972	-5	4	45	974	-4	0	0	971	-6	0	0	967	-9	6	90
21	966	-8	2	90	967	-4	2	87	968	-4	2	18	973	-2	0	0	974	-5	2	54	971	-7	4	90	967	-9	9	97
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	967	-10	8	101	970	-6	11	104	970	-6	7	141	973	-9	7	54	X	X	X	X	971	-3	2	360	967	-11	5	75
03	967	-10	9	90	971	-8	6	141	970	-5	6	93	973	-10	8	45	974	-9	5	54	970	-8	3	45	966	-11	7	79
06	968	-10	9	76	971	-8	8	117	970	-6	6	90	973	-9	8	53	974	-9	4	45	970	-12	5	90	966	-12	7	90
09	969	-7	6	58	971	-8	6	135	971	-6	5	86	974	-10	8	45	973	-5	2	353	970	-11	6	90	966	-14	8	90
12	970	-7	4	101	971	-7	7	117	971	-5	5	79	974	-9	7	52	973	-5	3	304	970	-10	6	90	967	-15	4	79
15	970	-8	5	141	970	-8	6	117	971	-5	3	141	X	X	X	X	972	-5	2	330	969	-8	4	62	968	-15	5	73
18	970	-8	5	135	970	-6	4	120	971	-6	6	58	X	X	X	X	971	-6	0	0	968	-8	3	45	969	-15	6	79
21	970	-8	7	141	970	-6	6	125	972	-8	6	45	974	-10	3	45	971	-3	2	319	967	-12	6	90	969	-14	6	45
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	970	-14	7	45	972	-15	5	79	969	-11	1	54	959	-8	2	45	957	-10	0	0	960	-6	6	141	964	-10	3	49
03	970	-14	8	59	972	-15	4	54	967	-10	2	54	958	-5	0	0	957	-7	0	0	961	-7	5	90	963	-8	2	45
06	970	-14	7	56	973	-13	3	55	965	-9	3	51	957	-6	0	0	957	-8	2	330	962	-8	6	58	962	-6	1	360
09	970	-15	7	45	973	-11	2	118	963	-8	3	309	957	-7	0	0	957	-7	4	349	963	-10	6	73	962	-8	2	32
12	971	-15	6	45	973	-11	2	135	961	-7	6	335	957	X	3	45	958	-6	3	349	964	-9	4	62	961	-6	3	72
15	971	-16	6	55	972	-11	3	141	959	-8	6	315	957	-12	4	55	957	-5	3	315	964	-12	5	45	960	-8	3	55
18	971	-16	5	65	971	-15	4	70	959	-8	5	349	957	-11	3	54	958	-5	2	360	964	-11	4	54	959	-8	3	90
21	972	-17	6	68	970	-15	6	45	959	-8	0	0	957	-13	4	54	959	-6	4	90	964	-11	4	48	959	-6	2	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	959	-6	0	0	960	-19	8	59	960	-21	7	90	961	-21	6	45	965	-24	8	62	967	-29	6	45	966	-29	6	54
03	958	-9	5	90	960	-19	8	72	959	-22	6	76	962	-21	3	120	965	-24	7	45	967	-22	6	48	966	-28	8	79
06	958	-9	6	90	960	-20	9	45	958	-21	6	83	962	-21	4	118	965	-28	8	54	967	X	6	54	965	-35	9	80
09	958	-14	8	90	960	-21	7	45	959	-26	6	90	963	-20	3	136	965	-27	8	59	967	-25	5	72	965	-26	9	90
12	958	-15	8	75	961	-21	8	45	959	-27	6	90	964	-20	3	135	966	-27	8	65	966	X	6	54	964	-28	9	63
15	958	-18	11	77	960	-21	8	68	959	-27	5	79	964	-22	7	45	966	-23	8	45	967	-26	6	45	963	-29	7	90
18	960	-18	8	54	960	-23	9	62	960	-26	6	77	964	-25	9	52	966	-23	7	69	966	-22	5	70	962	-30	8	59
21	960	-18	10	54	960	-23	7	54	961	-25	5	55	964	-26	8	45	967	-27	5	72	966	-20	5	59	962	-29	9	63

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -11.5 STD DEV = 7.5 MAX = -.9 AT 1828 GMT ON DAY 3 MIN = -35.2 AT 518 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 966.3 STD DEV = 5.1 MAX = 974.4 AT 2034 GMT ON DAY 11 MIN = 956.7 AT 1541 GMT ON DAY 18
* WINDS (M/S) * MEAN = 4.6 STD DEV = 2.7 RESULTANT = 3.9 FROM 68. CONSTANCY = .85 MAX = 11.3 FROM 63. AT 419 GMT DAY 8
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.7 % PRESSURE: 1.3 % WINDS: 1.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	19	26	24	22	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	4	1	35	21	22	5	7	1	0	0	0	0	0	0	3	2

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	966	-26	3	38	964	-31	8	60	953	-24	10	54	948	-20	4	45	953	-24	11	69	953	-25	10	58
03	962	-26	9	54	966	-21	1	45	963	-30	8	53	951	-22	9	68	948	-19	2	82	953	-27	12	90	952	-25	10	79
06	962	-27	5	45	966	-23	0	0	963	-26	8	45	950	-26	8	90	948	-24	2	82	954	-30	9	77	952	-25	9	90
09	963	-25	5	45	966	-21	0	0	961	-25	6	69	949	-28	8	90	950	-22	2	120	954	-29	9	90	951	-26	8	65
12	963	-26	2	52	966	-24	4	45	960	-25	8	59	948	-27	9	90	950	-27	7	45	954	-26	8	77	950	-26	8	54
15	964	-25	0	0	965	-24	3	60	958	-25	10	62	947	-26	10	70	950	-28	7	90	954	-26	12	45	947	-26	9	76
18	964	-25	1	79	965	-23	3	90	957	-26	12	45	947	-28	8	83	951	-30	6	73	954	-26	11	54	946	-27	8	90
21	965	-25	2	58	965	X	8	69	955	-24	11	69	948	-27	5	90	952	-29	6	56	953	-25	12	58	945	-32	9	75
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	946	-33	6	45	955	-25	8	170	955	-20	0	0	956	-17	4	82	954	-24	4	160	955	-27	8	54	956	-17	3	90
03	947	-25	2	69	956	-26	5	135	955	-28	5	69	954	-17	3	66	955	-27	14	197	955	-28	10	60	955	-19	3	54
06	949	-24	4	135	956	-27	6	91	955	-33	7	90	953	-19	4	45	958	-25	8	161	X	X	X	X	954	-20	3	58
09	952	-19	8	156	955	-26	3	69	955	-32	7	76	953	-24	1	101	959	-27	6	111	955	-20	8	54	953	-24	5	38
12	952	-21	5	180	955	-29	5	39	956	-29	8	77	953	-27	5	63	958	-23	4	54	954	-25	10	79	952	-23	3	45
15	952	-19	2	198	955	-24	3	45	956	-27	7	82	954	-27	3	132	957	-30	6	53	955	-25	10	68	950	-24	3	45
18	952	-19	9	235	955	-20	3	45	957	-26	8	45	954	-26	3	54	957	-24	6	45	956	-24	5	52	948	-25	4	73
21	954	-24	8	161	955	-21	4	46	957	-25	9	79	953	-25	5	111	956	-26	6	54	956	-15	2	17	947	-31	6	79
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	947	-30	3	125	960	-25	13	141	964	-28	11	79	970	-28	7	60	971	-19	1	336	964	-20	6	343	964	-22	3	360
03	946	-29	9	149	961	-23	18	146	963	-23	12	45	971	-29	8	69	970	-22	0	0	964	-21	6	315	964	-27	2	25
06	947	-26	12	149	965	-25	8	101	964	-29	12	66	972	-28	10	59	968	-27	2	315	964	-23	5	309	966	-28	1	22
09	947	-26	12	160	966	-25	8	68	965	-23	13	90	973	-29	10	45	968	-26	1	359	964	-23	1	301	967	-27	3	111
12	948	-27	15	159	965	-22	9	54	966	-22	12	70	972	-31	7	59	966	-20	3	273	964	-26	2	326	969	-29	4	90
15	951	-27	14	161	964	-25	7	77	966	-22	11	45	X	-28	7	45	965	-19	4	360	963	-23	6	342	971	-25	4	115
18	954	-25	16	161	964	-27	8	124	968	-18	11	53	972	-29	4	54	965	-16	2	360	963	-22	6	309	973	-27	8	132
21	957	-25	17	165	964	X	8	90	969	-25	12	68	971	-18	0	0	965	-19	5	315	963	-23	5	309	975	-29	5	101
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	974	-26	4	79	958	-18	3	309	949	-26	5	77	948	-23	4	90	947	-27	8	79	945	-23	12	58	953	-25	1	249
03	973	-28	6	53	956	-23	3	22	948	-26	6	79	950	-28	10	90	944	-27	6	90	945	-29	10	79	953	-31	0	0
06	972	-20	3	51	955	-23	4	62	949	-27	7	90	952	-27	6	90	943	-29	0	0	946	X	9	79	954	-27	2	225
09	970	-19	2	301	954	-21	4	45	949	-27	8	76	953	-27	3	72	X	-30	2	90	947	-26	8	63	954	-25	3	289
12	967	-16	11	360	953	-25	4	84	948	-26	7	90	954	-29	5	90	942	-30	5	73	948	-29	8	69	954	-21	6	307
15	964	-23	0	0	952	-31	5	69	946	-26	5	84	952	-29	11	45	942	-28	5	90	949	-31	8	69	955	-23	3	301
18	962	-25	1	338	950	-31	7	90	946	-25	3	45	951	-29	12	58	943	-35	8	90	950	-29	6	45	955	-24	2	301
21	960	-22	3	302	949	-28	5	76	946	-22	3	58	949	-26	9	90	944	-29	10	55	951	-22	4	60	955	-22	3	309
		DAY	29			DAY	30			DAY	31																	
00	955	-20	4	319	956	-18	5	54	961	-32	9	45																
03	955	-18	3	302	957	-27	7	53	962	-29	12	62																
06	955	-25	2	349	957	-22	5	55	963	-27	11	72																
09	955	-27	1	360	958	-14	2	170	963	-28	8	75																
12	955	-26	2	360	959	-15	5	45	963	-28	7	90																
15	955	-23	0	0	960	-24	8	44	964	-28	5	90																
18	955	-18	0	0	960	-27	9	55	964	-26	4	52																
21	955	-17	0	0	961	-29	8	52	964	-27	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.0 STD DEV = 3.7 MAX = -16.7 AT 1711 GMT ON DAY 17 MIN = -34.4 AT 1718 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 956.8 STD DEV = 7.5 MAX = 975.2 AT 2211 GMT ON DAY 21 MIN = 941.5 AT 1023 GMT ON DAY 26
* WINDS (M/S) * MEAN = 6.1 STD DEV = 3.6 RESULTANT = 4.4 FROM 73. CONSTANCY = .72 MAX = 24.2 FROM 162. AT 1647 GMT DAY 15
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.0 % PRESSURE: 1.6 % WINDS: .8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	15	19	19	15	18	9	3	1	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	2	25	24	22	2	3	5	1	1	1	0	0	3	5	2

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	962	-22	2	330	964	-23	0	0	969	-27	1	13	968	-30	3	80	962	-26	1	17	965	-24	6	45
03	965	-24	2	79	962	-22	3	315	965	-25	2	54	969	-27	1	360	X	-28	7	54	962	-29	3	58	966	-25	7	39
06	965	-24	0	0	962	-27	3	54	966	-25	1	45	969	-32	0	0	966	-30	10	45	962	-29	5	90	X	-24	5	54
09	964	-26	0	0	962	-26	3	46	967	-26	1	360	969	-30	0	0	967	-26	9	70	962	-29	9	90	965	X	2	15
12	964	-28	0	0	962	-24	2	45	967	-29	2	8	969	-30	5	83	965	-26	8	52	962	-31	9	65	964	-28	0	0
15	963	-26	2	339	962	-24	2	30	968	-29	2	360	968	X	5	45	964	-21	9	70	964	-21	8	62	963	-24	3	63
18	962	-25	1	360	962	-27	0	0	968	-32	3	357	X	-29	9	45	964	-17	3	45	964	X	8	79	962	-20	4	65
21	962	-26	2	353	963	-26	0	0	969	-28	1	360	968	-28	4	68	962	-27	3	45	964	-28	7	45	X	X	7	90
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	962	-27	10	45	963	-24	7	79	X	-18	2	79	938	-29	6	79	X	-31	5	120	952	-26	5	54	958	-13	2	83
03	965	-13	10	55	X	-20	6	141	X	X	4	90	940	-25	5	75	945	X	7	90	954	-25	3	111	958	-22	6	73
06	967	-15	7	59	958	-12	7	65	934	X	5	90	X	-24	4	79	945	-29	12	52	954	-28	8	54	958	X	5	126
09	968	-19	10	54	954	-25	8	51	933	-21	7	72	941	X	3	45	947	-24	9	90	955	-31	5	59	958	-19	1	360
12	967	-20	9	45	951	-22	1	45	935	-16	6	98	940	X	1	19	949	-31	9	69	956	-24	3	45	957	-18	1	56
15	967	-27	6	90	947	-19	0	0	935	-25	10	90	940	-22	3	59	950	-32	8	54	956	-17	2	22	956	-28	8	37
18	966	-26	6	96	943	X	3	69	936	-20	8	69	942	-13	9	60	951	-27	5	45	957	-13	2	111	958	-30	9	69
21	965	-24	6	86	940	-19	3	79	937	-20	7	63	943	-29	7	90	952	-16	5	53	958	-10	1	55	961	-24	9	116
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	962	-28	12	55	966	-26	6	69	956	-20	5	180	950	X	8	90	958	-23	8	45	970	-32	12	54	963	-17	3	336
03	962	-16	7	124	965	-27	7	65	953	-14	3	319	X	-36	12	54	959	-21	6	54	969	-29	9	54	963	X	0	0
06	965	-17	7	120	964	-15	0	0	949	-20	12	183	954	-27	12	52	961	-19	7	126	X	X	9	69	962	-22	3	45
09	965	-14	6	111	966	X	4	135	946	-17	9	160	954	-30	10	80	963	-27	7	80	X	X	3	12	961	-25	3	45
12	966	-25	6	79	965	-24	9	79	946	-16	9	180	955	-31	8	58	965	-26	7	90	967	-26	0	0	961	-29	2	87
15	966	-17	4	105	964	-14	7	120	946	-14	10	180	955	-11	3	69	966	-34	9	62	966	-17	3	309	961	-28	1	126
18	967	X	4	141	961	-17	7	83	948	-14	3	195	956	-8	0	0	968	-29	11	45	965	-15	2	276	962	-26	1	170
21	967	-26	8	90	959	-17	4	77	948	-13	11	180	957	-15	5	55	970	-26	11	90	964	-14	0	0	963	-27	1	79
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	965	-30	3	83	969	-25	3	308	966	X	3	101	963	-29	0	0	X	-25	6	54	961	-28	4	326	959	-27	0	0
03	967	-30	5	90	969	-26	5	93	965	-25	0	0	963	-28	0	0	963	-32	1	309	X	-30	3	90	958	-29	0	0
06	968	X	5	69	968	-27	6	90	X	X	7	79	963	-25	0	0	963	-23	1	277	961	-27	6	90	958	-30	0	0
09	968	-26	12	55	968	-34	8	90	965	-23	8	45	962	X	0	0	963	-26	0	0	960	-30	9	63	X	X	0	0
12	968	-32	9	58	967	-34	10	51	963	-30	6	45	962	X	3	69	962	-28	2	360	961	-25	0	0	X	X	2	45
15	968	-29	12	55	967	-32	10	75	962	-31	7	58	962	X	9	45	962	-28	4	360	960	X	0	0	955	-30	0	0
18	X	X	9	45	967	-29	8	45	963	-29	6	77	962	-24	11	51	962	-21	4	360	960	-24	0	0	954	-24	7	349
21	969	X	4	69	966	-29	5	69	963	-29	8	69	963	-24	11	49	961	-22	9	343	960	-35	0	0	953	-21	5	309
		DAY	29			DAY	30																					
00	952	-20	5	315	948	-17	6	111																				
03	951	-24	1	289	949	-22	6	111																				
06	950	-24	0	0	949	-25	7	149																				
09	950	-20	1	360	951	-29	2	82																				
12	949	-17	0	0	951	-27	3	82																				
15	948	X	0	0	953	-28	6	149																				
18	949	-15	3	45	955	-26	6	141																				
21	947	-13	1	18	957	-31	8	83																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.2 STD DEV = 5.6 MAX = -5.9 AT 1807 GMT ON DAY 18 MIN = -37.5 AT 333 GMT ON DAY 18
* PRESSURE (MB) * MEAN = 959.3 STD DEV = 8.3 MAX = 970.4 AT 6 GMT ON DAY 20 MIN = 932.8 AT 758 GMT ON DAY 10
* WINDS (M/S) * MEAN = 4.9 STD DEV = 3.4 RESULTANT = 3.8 FROM 69. CONSTANCY = .78 MAX = 22.6 FROM 194. AT 606 GMT DAY 17
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 12.5 % PRESSURE: 7.9 % WINDS: .4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	26	20	14	19	14	5	2	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	7	4	28	18	22	5	4	1	3	0	0	0	1	0	4	2

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	958	-29	7	90	960	-24	10	75	963	-26	2	360	939	-20	6	360	949	-22	4	76	949	-29	9	52	952	-20	2	90
03	958	-29	9	75	961	-24	7	63	961	-23	3	360	937	-24	2	280	949	-26	6	141	950	-26	7	54	951	-19	0	0
06	X	X	10	90	X	X	8	54	957	-17	10	339	938	-21	3	143	949	-26	4	100	950	-22	6	90	950	-22	0	0
09	959	-30	11	73	X	X	7	69	952	-10	10	330	938	-30	7	90	948	-27	2	76	951	-24	2	89	948	X	2	309
12	959	-27	10	65	963	-23	7	49	945	-13	12	349	940	-26	7	90	948	-31	8	53	951	-28	0	0	944	-24	1	357
15	959	-27	8	63	964	-21	4	49	939	X	1	248	941	-17	4	180	X	X	6	79	952	-26	0	0	942	-26	0	0
18	958	X	9	90	965	X	4	149	939	-21	9	59	943	-17	12	184	950	-23	9	149	X	X	0	0	944	-29	4	76
21	960	-25	6	63	966	-21	5	101	940	-21	8	45	946	-18	12	189	X	X	5	101	953	X	0	0	944	-28	6	101
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	946	-28	7	91	952	-24	4	360	955	-28	7	98	970	-26	11	45	969	X	6	45	X	-29	4	101	975	-28	7	56
03	949	-26	5	126	951	-19	5	360	958	-27	6	90	970	-25	9	58	969	-24	5	73	968	-32	10	45	976	-28	8	45
06	951	X	6	149	951	-12	2	360	961	-19	7	90	X	-31	10	45	968	-25	5	60	971	-20	9	63	976	-27	11	45
09	951	-26	6	45	952	-14	5	125	963	-20	9	141	969	-31	8	45	967	-26	6	90	971	-28	6	59	976	-30	12	56
12	951	-27	5	45	950	-17	5	111	966	-19	12	107	969	-30	9	69	967	-31	5	45	972	-28	7	101	978	-24	9	49
15	951	X	3	45	951	-17	11	138	967	-22	9	77	969	-31	9	73	967	-27	5	90	972	-28	7	79	X	X	9	45
18	952	-26	2	360	950	-24	5	90	969	-29	10	45	969	-30	8	76	967	-24	0	0	974	-28	8	90	X	-15	4	45
21	952	-29	3	4	953	-30	14	161	970	-26	8	45	969	X	6	79	967	-25	0	0	975	-28	7	69	977	-23	2	318
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	976	X	3	349	968	-25	2	360	969	-20	5	326	980	-29	5	56	978	-22	5	114	965	-19	7	90	958	-15	12	339
03	975	-27	3	339	968	-25	3	315	969	-28	5	360	981	-23	4	83	976	-23	6	91	964	-18	6	128	957	-16	12	332
06	975	-24	2	360	967	-28	2	350	X	-29	0	0	X	X	7	79	975	-22	6	90	962	-21	13	141	958	-19	6	360
09	974	-25	0	0	967	-28	4	309	972	-28	0	0	982	-23	4	90	974	-14	5	120	962	-24	6	120	958	-31	9	69
12	973	-28	2	360	967	-30	4	353	974	-30	0	0	983	-27	6	80	973	-13	6	72	961	-21	8	135	X	X	11	79
15	972	X	3	360	967	-29	3	315	975	-32	5	77	982	-30	7	45	970	-11	3	118	959	-14	3	166	961	-30	10	79
18	971	-26	2	349	967	-28	4	330	977	-27	5	111	981	-23	6	45	969	-16	3	73	957	-16	4	121	962	-26	9	62
21	969	-24	3	330	968	-20	3	319	978	-29	6	72	980	-17	4	90	967	X	7	54	957	-17	4	12	963	-14	2	359
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	963	-14	4	301	971	-9	3	352	975	-26	12	79	983	-28	10	53	979	-22	12	66	977	-21	10	86	966	-29	0	0
03	963	-25	6	79	970	-13	5	315	975	-27	9	65	984	-25	8	45	979	-22	14	69	975	-18	10	72	967	-23	3	90
06	964	-25	6	75	970	-18	2	90	976	X	13	45	983	-28	6	62	980	X	15	54	974	X	11	90	967	-26	4	45
09	965	-26	6	55	971	-30	8	77	X	X	11	45	982	-26	0	0	981	-15	15	56	972	-20	10	54	968	-27	5	69
12	966	-22	4	65	972	X	7	90	978	-20	12	49	982	-22	0	0	X	X	10	45	970	-23	7	70	969	-27	6	90
15	968	-16	2	315	972	-26	12	76	979	-24	13	45	980	-26	3	90	981	-22	8	66	969	-26	3	288	970	-27	4	68
18	970	-14	6	135	973	-27	12	90	980	-27	13	66	978	-28	3	90	980	X	8	54	968	X	2	282	971	-30	5	76
21	970	-17	0	0	973	-29	14	54	981	-30	11	45	978	-34	7	83	979	-18	8	70	967	X	0	0	972	-30	5	90
		DAY	29			DAY	30			DAY	31																	
00	973	X	4	79	975	-19	2	34	966	-27	1	55																
03	973	-29	1	83	974	-23	0	0	965	-26	2	79																
06	973	-23	3	58	973	-26	0	0	X	-20	1	90																
09	X	X	3	54	972	-25	0	0	965	-31	1	120																
12	974	-27	4	69	971	-28	0	0	965	-25	3	75																
15	975	-27	4	79	969	-27	3	79	X	-23	4	79																
18	975	-28	5	51	968	-25	1	79	965	X	0	0																
21	X	X	4	45	967	-26	2	53	964	-27	2	287																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.0 STD DEV = 5.0 MAX = -7.6 AT 18 GMT ON DAY 23 MIN = -35.0 AT 505 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 965.1 STD DEV = 11.3 MAX = 983.9 AT 303 GMT ON DAY 25 MIN = 936.4 AT 405 GMT ON DAY 4
* WINDS (M/S) * MEAN = 5.8 STD DEV = 3.6 RESULTANT = 4.3 FROM 67. CONSTANCY = .75 MAX = 15.9 FROM 197. AT 1930 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 13.7 % PRESSURE: 7.7 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	15	22	19	17	13	8	5	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	10	0	22	21	25	4	4	2	1	0	0	0	0	2	4	3

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	963	X	0	0	X	X	2	360	960	-20	0	0	956	-21	6	111	961	-20	7	48	969	-24	1	90	963	-21	0	0
03	963	-25	0	0	X	-26	3	360	960	-27	3	90	956	-22	12	118	962	-23	8	155	968	-20	6	128	964	-16	0	0
06	962	-27	0	0	960	-28	0	0	959	-27	6	90	956	-20	12	135	963	-23	4	90	968	-30	7	69	966	-14	0	0
09	961	-27	1	349	X	-13	3	69	959	-24	0	0	958	-19	6	170	963	-25	6	69	967	-26	10	69	968	-17	0	0
12	960	-28	0	0	960	-19	3	51	957	-17	4	76	959	-19	6	83	965	-24	5	79	967	-27	8	45	970	-24	0	0
15	960	-32	0	0	960	-29	5	45	957	-11	0	0	960	-23	11	84	965	-25	5	179	965	-21	5	53	971	-25	0	0
18	X	X	0	0	961	-29	5	79	957	-12	5	141	961	-22	8	45	966	-28	13	158	964	-23	0	0	972	-25	0	0
21	X	X	1	349	960	-23	0	0	954	-15	1	89	962	-20	8	143	968	-32	7	90	963	-22	0	0	971	-19	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	969	-13	0	0	960	-19	8	145	962	-14	6	90	973	-20	10	128	974	-24	11	59	963	-32	1	276	954	-14	5	35
03	968	-12	0	0	959	-17	11	180	960	-11	12	184	975	-22	8	90	974	-25	10	54	960	-24	6	329	954	-25	7	48
06	967	-9	2	124	957	-15	15	180	961	-10	1	180	977	-26	7	62	972	-28	9	45	955	-26	1	251	957	X	8	69
09	964	-14	4	65	958	-15	8	187	961	-13	4	79	977	-33	8	45	971	-27	8	55	952	-34	8	90	X	-19	6	69
12	963	-18	5	75	960	-14	5	135	962	-13	4	38	976	X	7	45	969	-30	8	45	951	-30	15	65	X	-21	6	141
15	962	-20	6	141	959	-13	12	179	961	-13	16	180	974	X	9	54	966	-33	8	63	951	-23	12	60	965	-22	6	76
18	961	-22	7	111	959	-13	15	158	963	-17	19	190	975	-25	11	69	X	X	8	45	951	-25	13	45	968	-22	7	117
21	957	-19	24	193	961	-13	10	180	971	-18	11	158	975	-27	11	70	965	-33	5	53	952	X	11	54	X	-21	6	111
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	7	135	968	-23	8	69	962	-27	5	52	X	X	11	45	960	-24	6	69	958	-18	12	79	X	-18	8	54
03	972	-28	4	145	968	-21	9	69	959	X	8	45	947	-20	11	76	959	-25	0	0	959	-17	14	69	961	-15	4	84
06	972	-17	12	48	969	-23	8	72	958	-17	8	68	948	-19	11	90	959	-26	3	72	960	-18	13	90	958	-20	9	54
09	972	-20	11	45	968	-24	7	55	956	-17	1	41	949	-21	12	73	959	-27	4	90	959	X	12	69	X	X	4	54
12	971	-25	6	69	968	-22	0	0	953	-20	0	0	952	-22	11	56	959	-27	3	76	X	X	11	69	950	-20	7	77
15	971	X	7	69	967	-26	3	45	X	X	5	69	956	-23	8	68	958	-27	4	90	962	X	9	79	949	-18	5	72
18	970	-22	8	59	967	-16	3	46	X	X	5	90	959	-26	7	69	958	-21	11	83	963	X	8	90	949	X	14	54
21	969	-22	9	69	965	-18	5	53	945	-28	4	117	960	-26	7	45	957	-18	11	90	965	-19	6	69	950	X	15	79
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	953	-28	15	66	962	X	3	90	953	X	3	12	941	-20	5	54	951	-21	4	121	961	X	10	90	960	-26	5	117
03	957	-27	11	58	961	-27	7	45	952	X	8	349	942	-23	9	69	952	-12	0	0	963	X	10	90	958	-20	5	90
06	960	X	8	101	960	-27	4	54	948	-16	7	323	945	-20	9	75	952	-11	2	90	963	-26	10	90	955	-25	6	122
09	X	X	9	101	959	-23	1	309	945	-23	8	309	947	-25	7	76	954	-16	7	127	963	X	9	79	952	-27	6	120
12	963	-23	6	66	958	X	0	0	942	-23	9	309	948	X	0	0	954	-20	9	135	964	-30	7	66	949	-27	4	12
15	962	-25	7	66	957	-18	4	90	939	-27	8	315	X	-11	1	12	956	-27	12	60	963	-23	6	54	946	-30	3	49
18	963	-20	4	117	956	-18	5	72	939	-25	1	338	X	-22	4	141	957	-28	12	79	962	-15	6	110	X	X	6	90
21	X	X	6	69	X	X	3	54	939	-23	3	75	950	-21	1	69	959	-34	12	79	X	-28	6	135	944	-21	7	73
		DAY	29			DAY	30																					
00	943	-21	5	111	949	-25	2	360																				
03	945	X	4	135	950	-28	2	4																				
06	947	X	7	69	951	-25	0	0																				
09	948	-26	3	46	X	-25	7	170																				
12	949	-20	3	360	955	-23	7	143																				
15	948	-20	5	360	957	-26	7	117																				
18	948	-25	7	360	958	-26	6	101																				
21	948	-30	6	360	957	-30	6	90																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -22.0 STD DEV = 5.3 MAX = -2.5 AT 1617 GMT ON DAY 21 MIN = -35.9 AT 2113 GMT ON DAY 26
* PRESSURE (MB) * MEAN = 959.5 STD DEV = 8.0 MAX = 976.9 AT 1005 GMT ON DAY 11 MIN = 938.1 AT 1928 GMT ON DAY 24
* WINDS (M/S) * MEAN = 6.3 STD DEV = 4.1 RESULTANT = 4.4 FROM 83. CONSTANCY = .70 MAX = 27.7 FROM 188. AT 1542 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 15.4 % PRESSURE: 10.0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	18	10	18	23	13	11	5	2	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	1	20	26	20	7	9	2	6	0	0	0	0	0	2	1

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	957	-26	7	72	X	X	7	45	965	-23	1	111	976	-26	6	52	965	-16	0	0	965	-32	10	90	978	-28	7	54
03	957	-27	5	79	959	-15	4	73	X	-22	2	309	975	-22	2	360	960	-22	0	0	X	-28	7	45	978	-24	6	45
06	956	-27	1	45	962	-24	0	0	969	-20	6	8	976	-21	0	0	952	-26	1	180	970	-23	5	360	978	-15	5	53
09	955	X	4	45	X	X	1	90	970	-21	1	10	978	-14	3	162	947	-14	0	0	973	-23	1	339	977	-20	5	79
12	955	-27	3	54	962	-21	1	360	971	-20	4	90	977	-11	5	75	951	-28	12	58	975	-24	0	0	976	-21	0	0
15	954	-27	3	65	961	X	4	270	X	-23	5	79	975	-8	4	45	955	-27	7	103	977	-29	6	69	974	-25	0	0
18	954	-29	0	0	962	-23	0	0	971	-25	5	115	972	-10	0	0	958	-31	12	45	978	-30	0	0	972	-26	0	0
21	955	-28	2	120	963	-27	4	70	974	-23	10	38	970	-13	7	336	X	X	11	54	978	-31	0	0	969	-27	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	967	-26	0	0	966	-26	7	153	X	X	4	309	966	X	5	54	973	-19	0	0	984	-27	2	135	992	-24	1	77
03	965	-25	4	322	966	-26	5	118	953	-29	0	0	968	X	2	360	X	-30	0	0	984	-27	0	0	993	-24	5	82
06	963	-25	6	309	X	-26	6	90	953	X	4	45	970	-20	3	312	974	-30	2	76	986	-25	6	45	995	X	7	79
09	962	-22	15	309	962	-26	1	161	X	X	3	45	X	X	4	330	976	-29	8	73	986	-29	8	52	X	X	9	90
12	962	-24	0	0	960	-29	0	0	X	X	0	0	X	X	5	315	978	-27	6	90	987	-28	5	76	997	-14	10	77
15	963	-24	5	60	958	-23	4	10	959	-16	0	0	971	-26	2	315	979	-26	6	149	987	-26	6	90	998	-15	9	77
18	963	-30	0	0	955	-18	6	338	961	-20	7	77	971	-29	2	6	980	X	0	0	988	-27	2	90	997	-21	9	68
21	X	X	6	149	953	-26	5	309	964	X	6	54	972	-23	0	0	982	-29	4	124	990	-26	0	0	998	-22	7	79
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	999	-20	6	66	996	-23	3	309	978	-27	1	195	982	-16	11	65	982	-26	8	69	972	-20	2	135	X	X	X	X
03	1000	-28	0	0	995	X	13	22	978	-26	0	0	981	-23	11	73	982	-25	7	59	971	-21	9	62	X	X	X	X
06	1000	-27	0	0	994	-23	4	360	977	X	0	0	981	-19	11	69	980	-28	0	0	967	X	7	54	X	X	X	X
09	1000	-26	1	360	992	-21	4	329	X	X	0	0	982	-22	11	90	X	X	0	0	X	X	X	X	X	X	X	X
12	1000	-26	0	0	990	X	3	309	977	-23	0	0	X	X	10	54	X	X	4	90	963	X	1	360	X	X	X	X
15	1000	-25	0	0	987	-27	5	304	979	-25	0	0	982	-21	10	72	977	X	4	79	X	X	X	X	X	X	X	X
18	X	-27	2	360	984	-27	4	309	980	-26	6	45	983	-29	11	70	976	-15	5	70	X	X	X	X	X	X	X	X
21	998	-26	0	0	980	-28	4	309	981	-23	11	54	983	-26	8	45	974	-22	6	69	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	29			DAY	30			DAY	31																	
00	X	X	X	X	X	X	X	X	X	X	X	X																
03	X	X	X	X	X	X	X	X	X	X	X	X																
06	X	X	X	X	X	X	X	X	X	X	X	X																
09	X	X	X	X	X	X	X	X	X	X	X	X																
12	X	X	X	X	X	X	X	X	X	X	X	X																
15	X	X	X	X	X	X	X	X	X	X	X	X																
18	X	X	X	X	X	X	X	X	X	X	X	X																
21	X	X	X	X	X	X	X	X	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -23.8 STD DEV = 4.6 MAX = -6.6 AT 1538 GMT ON DAY 4 MIN = -32.7 AT 1054 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 974.2 STD DEV = 13.0 MAX =1000.2 AT 1134 GMT ON DAY 15 MIN = 946.7 AT 943 GMT ON DAY 5
* WINDS (M/S) * MEAN = 4.1 STD DEV = 3.6 RESULTANT = 2.9 FROM 56. CONSTANCY = .70 MAX = 13.1 FROM 55. AT 1033 GMT DAY 5
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 48.4 % PRESSURE: 45.2 % WINDS: 37.1 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	36	15	21	12	7	6	2	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	10	1	21	23	15	4	3	4	1	1	0	0	1	0	12	4

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	957	-22	1	360	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	957	-16	0	0	961	-20	0	0
03	958	-27	0	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	957	-17	0	0	961	-22	0	0
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	0	0	X	X	0	0	958	-25	2	57	957	-23	4	360	X	X	X	X	X	X	X	X	952	-14	0	0
03	955	-20	2	101	955	-33	1	121	X	-26	5	45	954	-27	7	360	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	960	-25	5	46	952	-24	9	338	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	935	-18	0	0	X	X	X	X	X	X	X	X	X	-15	0	0	X	X	X	X	941	-21	3	360	X	X	X	X
03	936	-26	10	77	X	X	X	X	X	X	X	X	953	-22	0	0	X	X	X	X	944	X	1	360	X	X	X	X
06	937	-26	10	45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	948	-25	0	0	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	4	339	X	X	X	X	X	X	X	X
		DAY	29			DAY	30																					
00	948	-21	0	0	936	X	6	90																				
03	945	-20	1	15	X	X	X	X																				
06	943	X	2	349	X	X	X	X																				
09	941	-18	2	340	X	X	X	X																				
12	X	X	X	X	X	X	X	X																				
15	X	X	X	X	X	X	X	X																				
18	X	X	X	X	X	X	X	X																				
21	X	X	X	X	X	X	X	X																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -22.0 STD DEV = 4.3 MAX = -3.8 AT 2228 GMT ON DAY 26 MIN = -33.1 AT 257 GMT ON DAY 16
* PRESSURE (MB) * MEAN = 950.0 STD DEV = 8.4 MAX = 961.3 AT 36 GMT ON DAY 14 MIN = 934.8 AT 2327 GMT ON DAY 21
* WINDS (M/S) * MEAN = 2.5 STD DEV = 3.0 RESULTANT = 1.9 FROM 29. CONSTANCY = .77 MAX = 11.7 FROM 72. AT 538 GMT DAY 22
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 89.6 % PRESSURE: 89.2 % WINDS: 87.1 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	61	13	10	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	33	6	17	11	11	6	0	0	0	0	0	0	0	0	0	17

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	X	X	X	X	937	-24	2	79	945	-18	2	360	958	-25	6	45	961	-22	10	70	967	-25	7	58
03	X	X	X	X	944	-19	0	0	X	X	X	X	947	-15	0	0	958	-20	4	45	961	-20	8	90	966	-28	0	0
06	X	X	X	X	X	X	X	X	X	X	X	X	949	-16	0	0	959	-28	8	45	X	X	7	90	X	-30	5	360
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	958	-31	9	63	962	-24	7	69	966	-30	5	339
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	965	-34	6	325
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	937	-26	4	45	X	X	X	X	X	X	X	X	X	X	8	45	X	-14	1	111	966	-27	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	966	-30	1	360	X	X	X	X	X	X	X	X	X	X	X	X	971	-25	7	54	974	-22	12	79	X	X	X	X
03	966	-30	4	360	X	X	X	X	X	X	X	X	X	X	X	X	972	-25	8	68	971	-24	12	69	X	X	X	X
06	968	-28	4	113	X	X	X	X	X	X	X	X	X	X	X	X	974	-25	6	75	970	-27	12	59	X	X	X	X
09	968	-27	7	77	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	969	-24	11	60	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	970	-21	0	0	966	-20	7	333	X	X	4	360	X	X	X	X	965	-28	12	65	X	X	X	X	954	-32	3	45
03	970	X	2	309	965	-28	5	339	966	-31	4	359	X	X	X	X	963	-31	12	54	X	X	X	X	956	X	0	0
06	969	-24	6	360	966	-30	0	0	967	-30	4	352	X	X	X	X	962	-31	12	51	X	X	X	X	957	-17	0	0
09	X	X	X	X	967	X	0	0	X	X	X	X	X	X	X	X	961	-32	7	73	X	X	X	X	959	-25	1	44
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	960	-22	1	4
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	10	349	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-30	6	54
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	965	-25	5	45	964	-22	3	87	955	-21	5	301	954	-18	0	0	954	X	1	15	953	-26	7	45	968	-15	5	101
03	965	X	1	270	964	-18	4	90	955	-15	0	0	954	-24	1	180	953	-20	2	28	956	-23	5	45	967	-18	5	90
06	965	-27	0	0	962	-18	4	54	953	-18	1	22	954	-29	7	72	952	-23	1	330	958	-21	7	45	967	-17	7	169
09	X	X	X	X	961	-16	0	0	953	-22	1	45	955	-31	8	90	950	-30	1	307	960	-18	2	360	968	-17	6	135
12	X	X	X	X	X	X	X	X	953	-23	1	34	955	-28	8	45	949	-29	2	360	962	-20	1	13	968	-16	5	54
15	X	X	X	X	X	X	X	X	X	-18	1	360	955	-24	6	68	950	-27	0	0	964	-21	2	360	967	-13	1	66
18	X	X	X	X	X	X	X	X	X	X	X	X	956	-18	2	360	950	-27	2	101	964	-16	4	6	966	X	2	69
21	X	X	X	X	955	-22	5	45	953	-17	1	90	956	-15	4	359	951	-26	9	90	965	-7	1	153	966	-20	10	54
		DAY	29			DAY	30			DAY	31																	
00	965	-17	6	45	960	-16	16	180	944	-14	4	309																
03	965	-14	3	46	960	-16	8	180	942	-12	7	349																
06	965	-10	3	118	960	-16	3	156	940	-10	3	330																
09	964	-11	3	161	958	-19	5	120	939	-13	2	60																
12	962	-11	4	135	956	-18	5	135	939	-13	5	49																
15	962	-10	3	161	953	-18	5	90	938	-14	3	69																
18	960	-13	13	197	951	-18	3	136	939	-18	2	307																
21	961	-15	9	160	947	-13	0	0	941	-14	1	257																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -21.3 STD DEV = 6.2 MAX = -6.6 AT 2016 GMT ON DAY 27 MIN = -34.6 AT 2247 GMT ON DAY 20
* PRESSURE (MB) * MEAN = 958.8 STD DEV = 8.8 MAX = 974.1 AT 603 GMT ON DAY 12 MIN = 936.9 AT 2222 GMT ON DAY 2
* WINDS (M/S) * MEAN = 4.4 STD DEV = 3.5 RESULTANT = 2.7 FROM 60. CONSTANCY = .62 MAX = 23.6 FROM 188. AT 41 GMT DAY 30
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 53.6 % PRESSURE: 52.8 % WINDS: 49.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	33	17	21	15	7	5	2	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	17	4	23	17	12	4	4	5	4	1	0	1	1	1	5	5

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	945	-19	9	141	964	-24	0	0	963	-25	5	45	961	-24	5	309	952	-31	9	62	962	-20	8	79	967	-18	9	120
03	947	-22	6	101	964	-14	0	0	962	-24	2	51	958	-23	8	339	950	-30	8	54	962	-27	7	84	967	-19	7	69
06	951	-28	8	143	963	-22	6	309	963	-24	0	0	956	-19	9	309	950	-31	8	80	964	-30	9	90	966	-20	4	82
09	956	X	7	54	963	-21	2	180	963	-20	1	170	953	-19	8	300	951	-30	7	54	965	-20	9	135	966	-21	6	49
12	960	-29	5	75	963	-28	4	68	964	-29	5	79	953	X	4	330	953	-29	8	69	965	-17	8	90	965	-25	4	90
15	961	-29	4	45	963	-28	10	63	963	-29	6	75	955	-26	7	101	957	-29	6	90	966	-24	7	90	965	-27	7	90
18	963	-24	6	45	963	-29	7	79	963	-29	5	45	953	-19	5	121	960	X	12	180	967	-25	6	68	965	-26	7	55
21	964	-22	1	22	963	-28	7	79	963	-24	0	0	952	-18	6	79	962	-17	9	180	967	-15	5	101	963	-16	4	108
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	962	-24	6	90	949	-17	4	118	951	-12	12	160	970	-14	8	145	976	-17	5	79	967	-10	3	349	969	-11	4	101
03	961	X	7	45	945	-10	1	360	953	-11	11	160	971	-14	8	141	975	-16	2	70	967	-5	1	270	969	-10	7	135
06	959	-23	7	59	943	-8	5	225	955	-10	10	180	973	-15	10	166	974	-12	0	0	967	-8	11	190	969	-12	5	55
09	957	-24	3	79	943	-10	15	204	958	-10	7	141	974	-16	7	170	973	-12	0	0	968	-9	4	90	969	-11	5	101
12	X	-22	3	54	942	-11	12	177	962	-10	4	125	976	-18	7	141	972	-13	2	360	968	-11	5	79	970	-12	6	101
15	954	X	3	90	944	-10	10	189	963	-10	8	134	977	-18	7	135	971	-14	2	360	968	-12	8	111	970	-12	8	41
18	953	-15	4	90	946	-12	7	141	965	-12	10	142	977	-19	3	90	969	-15	2	360	969	-16	8	83	969	-13	6	101
21	951	-20	3	120	950	-14	7	149	967	-12	10	161	977	-19	6	77	968	-12	3	315	969	-15	7	45	969	-10	4	126
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	967	-7	6	101	960	-9	3	90	958	-9	4	143	961	-17	5	100	959	-16	5	329	954	-10	7	149	963	-9	6	79
03	966	-7	5	90	960	-6	3	101	958	-9	7	135	961	-16	8	141	958	-13	4	339	954	-12	5	113	965	-9	8	68
06	965	-7	2	90	959	-6	2	91	959	-13	7	69	962	-20	7	69	958	-10	2	339	955	-10	4	120	966	-9	6	90
09	964	-8	4	101	959	-8	3	59	959	-18	7	58	962	-22	5	45	958	-11	0	0	955	-9	7	149	968	-9	7	84
12	963	-8	3	90	958	-9	3	45	959	-20	9	56	962	-22	3	65	957	-12	2	360	956	-10	5	90	970	-13	7	90
15	962	-8	4	111	958	-10	4	45	960	-21	6	69	961	-19	2	66	956	-10	1	350	957	-10	7	72	970	-13	8	90
18	962	-10	3	82	958	-9	3	90	961	-21	4	54	961	-18	0	0	955	-12	3	349	959	-9	5	90	971	-15	11	80
21	961	-9	4	83	957	-10	3	37	961	-18	4	135	960	-19	4	360	954	-10	5	360	961	-10	4	120	972	-15	8	90
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	973	-15	7	86	974	-18	7	54	968	-8	4	330	970	-13	5	111	970	-8	15	177	973	3	5	118	970	-1	6	45
03	974	-14	8	90	973	-16	6	55	968	-4	1	360	970	-13	4	149	971	-7	11	180	973	3	4	105	969	-2	4	53
06	975	-16	10	62	972	-16	6	45	968	-4	2	48	970	-14	9	141	972	-6	12	170	972	-1	2	101	969	-3	4	44
09	976	-16	9	90	971	-15	6	56	968	-5	3	56	972	-15	4	120	973	-6	10	139	971	-3	4	69	969	0	2	45
12	976	-17	7	45	971	-16	4	45	967	-8	3	90	972	-13	7	135	974	-5	6	100	971	-4	7	38	969	1	0	0
15	976	-18	6	45	970	-16	5	53	967	-12	4	79	972	-13	7	141	973	-5	6	101	971	-3	5	69	969	-1	0	0
18	976	-16	5	82	969	-11	1	360	968	-14	7	44	972	-12	8	141	973	-3	6	101	970	-4	6	48	969	1	0	0
21	975	-20	7	45	969	-9	3	304	969	-15	7	41	972	-9	7	141	973	0	5	101	970	-4	5	45	970	-1	2	45
		DAY	29			DAY	30																					
00	970	-1	4	45	972	-1	2	37																				
03	970	-5	5	48	972	0	3	339																				
06	970	-3	5	45	972	-3	1	349																				
09	971	-4	4	46	973	-5	0	0																				
12	971	-2	1	360	973	-5	1	117																				
15	971	-5	5	45	973	-6	2	90																				
18	971	-3	2	12	974	-7	4	93																				
21	972	-1	4	360	975	-7	4	90																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -13.6 STD DEV = 7.8 MAX = 3.1 AT 257 GMT ON DAY 27 MIN = -32.6 AT 838 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 964.5 STD DEV = 7.7 MAX = 977.2 AT 1830 GMT ON DAY 11 MIN = 940.3 AT 1115 GMT ON DAY 9
* WINDS (M/S) * MEAN = 5.4 STD DEV = 2.9 RESULTANT = 3.4 FROM 93. CONSTANCY = .63 MAX = 20.6 FROM 191. AT 1155 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.1 % PRESSURE: .4 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	12	19	28	27	7	5	0	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	7	1	21	10	29	7	11	4	5	0	0	0	0	0	2	3

STATION : 8911 JIMMY (MCMURDO) LAT : 77.8 S LONG : 166.7E ELEVATION : 200 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	975	-7	4	90	976	0	4	360	972	-1	3	45	964	-6	3	138	959	-12	3	51	959	-2	11	177	967	1	6	170
03	975	-6	5	63	976	1	5	330	970	-2	3	79	963	-8	5	141	959	-10	2	45	961	-1	8	180	967	0	4	101
06	975	-6	5	37	976	-1	3	357	967	-6	4	90	962	-8	4	141	959	-8	1	45	963	-3	4	141	967	-2	4	77
09	975	-6	5	45	976	-5	6	338	967	-6	4	86	962	-9	5	56	959	-6	0	0	964	-5	6	170	968	-3	3	120
12	975	-4	1	12	976	-5	5	349	966	-8	8	45	960	-11	6	48	959	-7	2	311	965	-4	11	168	968	-4	3	37
15	975	-3	3	345	976	-4	4	315	965	-10	5	79	959	-13	5	45	958	-8	5	342	966	-6	6	118	967	2	6	180
18	975	-4	4	360	975	-2	1	308	965	-10	3	101	959	-13	5	45	958	-7	4	360	966	-5	14	195	968	0	4	117
21	975	-3	4	360	974	0	1	298	964	-7	2	104	959	-12	3	45	959	-3	3	243	967	-4	3	111	968	-1	4	117
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	968	1	7	161	963	-5	3	117	965	-2	7	161	969	1	10	141	972	2	3	90	971	-3	13	156	980	-2	8	162
03	966	1	4	45	963	-4	5	45	965	-3	7	194	969	-2	10	141	972	-2	4	45	973	-3	9	149	979	-1	10	176
06	966	-1	4	48	963	-3	6	46	965	-2	4	149	972	-1	3	176	972	-1	6	141	973	-4	6	141	980	-1	11	141
09	965	-6	4	45	963	-3	5	45	965	0	4	179	972	-1	1	117	971	-2	3	84	973	-4	11	173	980	-1	11	141
12	965	-4	7	45	964	-1	4	45	966	-5	6	141	971	-1	3	79	971	-2	1	49	976	-5	4	100	982	-2	6	141
15	964	2	2	79	964	-1	2	1	966	-4	3	101	971	1	2	90	971	-3	8	149	977	-7	5	90	982	-2	5	117
18	963	4	0	0	964	-1	1	360	968	-1	7	152	971	2	3	60	971	-4	10	149	978	-6	6	90	982	-1	7	141
21	963	1	1	126	965	2	1	189	969	-1	6	128	972	1	3	100	972	-3	5	139	979	-4	8	180	983	0	8	120
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	984	2	9	135	984	-2	6	69	984	0	5	97	981	-2	6	79	982	-4	6	90	974	-5	5	54	975	-6	6	70
03	984	4	7	117	983	-1	7	48	983	-1	6	90	981	-3	7	76	981	-1	5	90	975	-4	5	69	975	-3	5	45
06	984	1	7	114	983	-2	7	69	983	-1	6	90	982	-2	6	69	979	-1	4	55	975	-3	5	41	975	-3	3	45
09	984	1	7	120	984	-3	6	62	982	-1	4	90	982	-2	6	75	978	-3	1	360	975	-4	4	45	974	-3	3	53
12	984	1	7	141	984	-1	5	45	981	-3	6	77	982	-2	5	79	977	-4	2	309	975	-1	3	49	974	-6	5	72
15	984	-1	5	66	984	0	4	69	980	-3	6	69	982	-1	4	59	975	-5	1	315	975	1	0	0	974	-9	6	79
18	984	-1	6	72	984	0	7	77	980	-3	7	79	982	1	4	101	974	-3	0	0	975	-4	3	45	975	-5	4	45
21	983	-1	7	90	984	1	5	90	980	-2	7	69	982	-3	5	58	974	-2	3	76	976	-9	6	56	976	-4	5	54
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	977	-4	7	84	978	2	4	55	975	0	0	0	982	-1	0	0	982	-1	4	356	978	0	0	0	987	-4	4	45
03	977	-3	5	79	977	0	5	44	975	-1	0	0	982	-1	0	0	981	-1	8	349	979	-1	1	319	987	-1	0	0
06	978	1	2	45	976	1	2	22	976	-1	1	324	982	-1	3	328	980	-2	6	330	980	-2	2	280	987	-1	3	322
09	978	-1	2	45	975	-2	4	315	977	-1	1	339	983	-3	5	309	979	-3	6	349	981	-2	1	302	987	-2	4	339
12	978	-5	4	52	975	-3	4	349	978	-4	3	360	983	-3	7	333	978	-4	7	349	983	-1	0	0	987	-3	4	343
15	978	-2	3	44	975	-2	1	350	978	-3	3	309	983	-2	7	349	978	-2	6	336	984	-5	3	69	987	-3	5	315
18	978	0	3	45	974	-4	3	49	980	-3	2	323	983	-2	8	330	977	-2	4	309	985	-5	5	66	986	-2	4	345
21	978	2	4	45	975	0	1	45	981	-2	2	315	982	-1	7	349	978	-1	1	311	986	-5	3	55	985	-3	4	332
		DAY	29			DAY	30			DAY	31																	
00	984	-2	3	360	979	-5	5	114	984	-3	3	62																
03	983	-1	0	0	979	-3	6	120	X	X	X	X																
06	982	-1	0	0	980	-3	4	111	X	X	X	X																
09	981	-1	0	0	981	-4	4	149	X	X	X	X																
12	980	-3	3	105	982	-6	2	65	X	X	X	X																
15	979	-3	0	0	983	-4	2	45	X	X	X	X																
18	979	-3	1	180	983	-3	3	45	X	X	X	X																
21	979	-3	3	118	984	-3	3	79	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -2.7 STD DEV = 2.8 MAX = 4.9 AT 2226 GMT ON DAY 9 MIN = -14.1 AT 1740 GMT ON DAY 4
* PRESSURE (MB) * MEAN = 974.8 STD DEV = 7.7 MAX = 987.4 AT 653 GMT ON DAY 28 MIN = 957.7 AT 1627 GMT ON DAY 5
* WINDS (M/S) * MEAN = 4.4 STD DEV = 2.5 RESULTANT = 2.2 FROM 84. CONSTANCY = .50 MAX = 16.3 FROM 232. AT 1252 GMT DAY 6
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.8 % PRESSURE: 2.8 % WINDS: 2.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	17	27	31	19	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	8	1	23	12	15	8	8	5	5	1	0	0	0	1	7	6

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	X	X	X	X	957	-5	7	82	959	-3	2	68	964	-3	7	360	958	-4	2	86
03	X	X	X	X	964	-5	2	242	959	-7	5	322	957	-5	3	87	960	-4	3	10	963	-4	3	342	957	-4	1	145
06	X	X	X	X	964	-5	3	94	958	-6	7	319	957	-5	3	83	961	-4	4	336	962	-3	6	7	958	-5	6	152
09	X	X	X	X	964	-5	4	298	957	-6	4	333	957	-6	1	323	962	-4	3	360	961	-3	4	353	959	-6	7	173
12	X	X	X	X	964	-6	5	300	957	-6	1	231	957	-6	1	288	963	-4	5	34	961	-4	6	14	961	-7	6	155
15	X	X	X	X	963	-7	4	311	957	-6	10	135	957	-6	X	246	963	-4	4	34	959	-6	9	345	961	-7	8	173
18	X	X	X	X	962	-6	3	316	957	-6	7	118	958	-3	X	15	963	-3	7	21	958	-6	2	345	963	-7	7	169
21	X	X	X	X	X	X	X	X	957	-6	7	96	958	-4	2	62	964	-3	5	1	958	-8	2	300	964	-8	7	159
		DAY	29			DAY	30			DAY	31																	
00	964	-8	11	186	964	-6	12	195	962	-5	13	173																
03	965	-7	10	176	964	-7	7	159	964	-4	5	260																
06	965	-8	10	165	963	-6	12	162	963	-5	3	214																
09	966	-7	X	155	962	-6	15	179	962	-5	6	163																
12	X	X	X	X	962	-5	9	203	962	-5	3	174																
15	965	-7	13	183	962	-6	X	309	961	-6	X	295																
18	965	-6	X	187	963	-6	3	280	960	-5	X	298																
21	964	-6	12	195	963	-6	7	155	959	-5	2	305																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -5.4 STD DEV = 1.3 MAX = -1.4 AT 1822 GMT ON DAY 25 MIN = -8.1 AT 2112 GMT ON DAY 27
* PRESSURE (MB) * MEAN = 961.1 STD DEV = 2.7 MAX = 965.9 AT 912 GMT ON DAY 29 MIN = 956.6 AT 1542 GMT ON DAY 24
* WINDS (M/S) * MEAN = 5.7 STD DEV = 3.4 RESULTANT = 1.6 FROM 166. CONSTANCY = .28 MAX = 20.3 FROM 173. AT 552 GMT DAY 30
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 72.6 % PRESSURE: 72.6 % WINDS: 75.4 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	15	21	25	18	7	8	5	2	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	10	3	3	3	10	2	3	13	15	5	3	2	3	7	10	8

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	958	-2	4	107	959	-7	4	308	959	-6	3	305	961	-3	2	281	965	-3	3	158	965	-3	2	89	962	-2	X	309
03	957	-5	6	98	959	-6	3	271	960	-5	X	294	961	-4	4	264	965	-3	X	165	965	-3	X	156	962	-2	X	141
06	957	-5	4	98	959	-6	7	284	960	-5	5	284	962	-3	1	253	965	-4	3	132	964	-3	X	260	961	-3	0	0
09	957	-5	2	89	959	-7	6	284	960	-5	3	263	962	-3	2	170	966	-4	2	76	964	-3	2	280	960	-3	3	138
12	958	-5	X	105	959	-7	4	287	960	-5	2	280	963	-3	1	197	966	-4	3	76	963	-4	X	308	959	-4	3	153
15	958	-5	X	11	959	-7	2	293	960	-5	X	314	963	-4	1	212	966	-4	2	56	963	-4	X	290	958	-4	X	170
18	958	-5	X	326	959	-8	X	295	960	-4	2	294	964	-3	2	232	966	-4	1	118	962	-4	X	332	957	-4	5	165
21	959	-6	1	283	959	-7	3	301	961	-3	1	277	964	-3	2	148	966	-3	2	87	963	-3	0	0	957	-4	6	184
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	956	-5	X	181	958	-7	X	179	956	-7	15	165	962	-7	9	156	X	X	X	X	962	-8	X	302	959	-8	5	304
03	956	-6	10	146	957	-6	10	183	956	-7	X	177	963	-7	6	160	966	-7	2	158	961	-8	X	318	958	-8	3	297
06	956	-7	12	176	957	-6	7	208	956	-7	17	169	964	-8	7	174	965	-7	X	138	962	-8	X	332	958	-8	X	342
09	957	-7	12	173	957	-6	11	179	957	-7	16	173	965	-8	6	146	965	-7	X	100	961	-8	X	280	958	-8	X	312
12	957	-7	15	156	957	-7	2	183	958	-7	13	156	965	-8	4	146	964	-7	X	17	961	-9	X	335	958	-9	X	298
15	957	-7	17	167	956	-7	17	159	959	-7	13	172	X	X	X	X	963	-7	X	1	960	-8	1	13	958	-8	1	236
18	958	-8	13	169	955	-7	16	180	960	-7	12	172	X	X	X	X	963	-8	X	338	960	-9	X	343	959	-8	2	229
21	958	-8	10	181	955	-7	9	165	961	-7	8	153	966	-7	2	167	962	-8	X	314	959	-9	X	321	960	-7	3	204
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	961	-7	2	156	962	-9	X	308	960	-9	4	273	950	-10	X	325	947	-5	9	89	951	-8	9	315	955	-8	10	93
03	961	-7	3	136	962	-9	X	326	959	-8	6	281	950	-10	X	328	947	-5	3	89	952	-9	8	287	954	-8	7	69
06	962	-7	3	146	961	-8	8	117	957	-8	6	267	949	-8	X	111	948	-6	4	129	952	-9	5	325	953	-9	4	25
09	962	-7	X	135	962	-9	9	120	956	-10	5	295	948	-9	4	152	948	-6	X	7	953	-8	2	14	953	-9	6	10
12	962	-7	X	297	962	-10	11	103	955	-11	X	297	947	-7	4	52	949	-6	4	260	953	-9	2	62	952	-9	5	350
15	962	-7	4	269	962	-10	4	115	953	-11	11	312	946	-6	9	82	950	-7	5	257	953	-9	6	98	951	-10	X	291
18	962	-9	2	276	961	-9	6	235	952	-11	X	329	946	-6	8	80	950	-9	8	300	954	-8	9	91	950	-9	1	200
21	962	-9	5	308	961	-10	8	255	951	-11	X	326	946	-6	9	86	951	-10	9	312	954	-9	10	91	949	-6	8	83
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	948	-6	10	90	950	-9	9	153	949	-11	X	336	951	-11	8	287	956	-11	X	262	956	-13	9	311	956	-10	4	314
03	947	-6	9	87	952	-10	6	152	949	-12	0	0	952	-11	4	270	956	-11	1	93	955	-12	16	307	956	-12	3	266
06	947	-6	7	115	952	-9	X	84	947	-11	9	353	953	-11	6	290	956	-11	X	319	957	-11	5	193	955	-13	4	288
09	947	-7	7	101	953	-9	X	347	946	-11	X	321	953	-12	6	295	957	-11	X	359	958	-12	2	207	954	-13	3	291
12	946	-7	9	146	952	-8	6	360	947	-10	5	239	954	-12	8	278	957	-12	X	329	958	-12	X	66	953	-13	4	314
15	946	-8	9	158	952	-10	X	319	948	-11	X	281	955	-13	6	291	957	-12	4	311	958	-12	3	278	952	-13	2	82
18	947	-9	11	177	951	-11	X	322	949	-10	8	283	955	-12	2	283	957	-14	X	332	957	-13	5	302	951	-13	X	170
21	949	-9	12	158	950	-12	X	340	950	-10	6	263	955	-12	X	291	956	-12	6	307	957	-12	4	311	951	-11	3	246

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -7.6 STD DEV = 2.8 MAX = .0 AT 32 GMT ON DAY 7 MIN = -14.2 AT 2132 GMT ON DAY 26
* PRESSURE (MB) * MEAN = 956.8 STD DEV = 5.4 MAX = 966.2 AT 1122 GMT ON DAY 5 MIN = 945.9 AT 1322 GMT ON DAY 22
* WINDS (M/S) * MEAN = 5.9 STD DEV = 3.9 RESULTANT = 1.7 FROM 178. CONSTANCY = .28 MAX = 20.1 FROM 180. AT 532 GMT DAY 10
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: 1.3 % WINDS: 29.0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	18	22	21	13	12	7	3	2	3	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	2	1	3	13	4	6	13	10	4	3	3	12	13	10	0

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	955	-12	9	111	955	-11	10	90	943	-15	3	122	936	-12	X	193	939	-10	9	90	938	-11	X	340
03	951	-13	8	134	956	-12	12	90	954	-13	9	111	942	-14	2	136	936	-13	1	113	940	-11	9	115	939	-15	10	307
06	952	-15	7	128	956	-11	9	77	953	-12	6	90	941	-14	3	131	937	-13	X	153	941	-11	10	103	940	-19	6	311
09	953	-14	7	131	956	-11	6	118	951	-12	5	86	939	-13	9	84	937	-12	X	146	941	-11	8	108	939	-20	5	340
12	954	-14	5	143	956	-11	11	97	950	-11	2	307	937	-14	X	330	938	-11	2	113	941	-11	9	100	937	-19	5	236
15	954	-14	6	108	955	-11	10	98	947	-12	3	312	936	-16	5	349	939	-11	5	91	940	-11	10	98	937	-18	5	193
18	955	-14	7	111	955	-11	11	93	946	-14	11	131	936	-15	X	321	939	-10	4	77	940	-12	5	4	936	-17	X	180
21	955	-12	7	111	955	-11	6	90	945	-16	8	115	936	-15	7	353	939	-9	14	70	939	-12	8	23	934	-16	3	172
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	935	-17	6	195	943	-16	11	264	947	-18	8	312	944	-17	6	162	945	-16	9	297	947	-17	8	314	948	-15	4	300
03	936	-17	4	166	944	-16	17	278	947	-18	X	318	944	-16	0	0	945	-16	8	281	947	-17	7	315	947	-14	X	326
06	938	-18	5	131	945	-15	14	255	947	-19	X	330	944	-15	X	238	945	-15	17	280	945	-18	3	302	946	-15	3	35
09	940	-17	3	233	946	-15	10	277	946	-19	5	339	944	-16	6	239	946	-15	13	118	945	-18	X	267	945	-17	4	46
12	941	-17	2	322	947	-15	11	288	945	-18	X	319	944	-16	5	238	948	-14	17	298	944	-17	6	264	943	-16	3	48
15	942	-16	11	256	947	-16	6	305	944	-18	4	280	944	-17	9	278	947	-13	18	271	945	-16	4	245	941	-15	6	349
18	941	-16	15	236	948	-18	X	328	943	-16	4	243	945	-16	9	291	949	-13	8	293	946	-16	4	232	939	-14	4	15
21	943	-17	6	257	947	-19	X	340	944	-16	6	187	945	-16	8	302	948	-17	7	315	947	-14	2	149	937	-11	11	52
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	935	-13	2	347	934	-16	18	166	953	-18	5	128	959	-22	6	143	961	-20	3	63	956	-23	0	0	955	-18	X	224
03	934	-16	X	330	936	-17	X	160	954	-19	6	150	961	-22	6	125	960	-19	X	39	955	-22	3	328	955	-20	3	124
06	932	-16	9	311	939	-16	18	125	954	-19	7	115	961	-22	6	125	959	-20	X	305	955	-22	4	336	955	-19	1	184
09	932	-15	X	316	944	-17	16	150	954	-19	5	113	962	-22	4	117	958	-20	X	179	955	-22	1	7	955	-18	4	198
12	933	-16	2	304	947	-18	5	167	954	-19	8	120	962	-22	4	115	957	-19	X	316	954	-22	X	290	956	-17	10	193
15	933	-15	4	172	950	-17	14	139	955	-22	6	122	962	-22	5	129	957	-21	3	328	954	-21	0	0	956	-17	8	162
18	933	-14	7	159	951	-18	9	145	956	-22	7	101	962	-21	6	101	956	-24	X	312	954	-22	X	287	958	-18	14	148
21	933	-15	18	150	952	-17	7	163	957	-22	9	128	961	-21	5	75	956	-23	X	297	955	-20	X	257	960	-19	13	139
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	963	-19	14	135	951	-17	1	312	939	-15	X	162	937	-19	3	208	938	-20	5	96	932	-19	2	263	943	-22	4	98
03	963	-19	10	114	949	-16	3	316	938	-15	X	136	938	-18	4	203	935	-20	7	346	933	-20	5	226	943	-22	3	103
06	964	-19	6	96	948	-17	X	318	938	-17	X	180	940	-18	X	172	934	-21	4	357	934	-21	4	226	944	-23	2	122
09	963	-19	4	4	947	-18	7	304	937	-19	9	159	942	-22	8	159	933	-20	4	3	935	-21	3	229	945	-24	1	73
12	960	-21	6	349	945	-18	6	305	937	-20	7	158	943	-21	X	70	932	-20	1	332	937	-21	X	158	945	-24	X	72
15	956	-24	X	319	943	-17	4	302	937	-19	7	169	943	-21	X	343	931	-19	8	345	938	-22	4	101	945	-26	X	156
18	953	-23	X	297	942	-18	2	291	936	-20	5	197	942	-20	X	321	931	-21	4	311	940	-22	5	124	945	-26	X	145
21	952	-21	8	288	940	-14	3	280	936	-20	5	228	940	-21	3	97	932	-20	3	288	941	-23	4	122	945	-24	1	277
		DAY	29			DAY	30			DAY	31																	
00	945	-22	2	235	946	-19	X	232	952	-18	0	0																
03	945	-21	1	255	946	-19	X	176	953	-20	2	266																
06	946	-22	3	248	947	-20	1	159	953	-20	X	208																
09	946	-22	4	271	948	-22	4	153	954	-21	1	245																
12	945	-22	1	257	949	-22	3	155	954	-24	X	179																
15	945	-22	1	252	949	-22	X	187	954	-23	1	211																
18	946	-21	X	270	950	-21	3	278	954	-24	X	191																
21	946	-20	X	253	951	-20	0	0	954	-24	X	195																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -17.5 STD DEV = 3.6 MAX = -8.8 AT 2112 GMT ON DAY 5 MIN = -26.4 AT 1432 GMT ON DAY 28

* PRESSURE (MB) * MEAN = 946.1 STD DEV = 8.1 MAX = 964.3 AT 522 GMT ON DAY 22 MIN = 930.9 AT 1602 GMT ON DAY 26

* WINDS (M/S) * MEAN = 6.2 STD DEV = 3.9 RESULTANT = 1.2 FROM 146. CONSTANCY = .20 MAX = 26.3 FROM 153. AT 712 GMT DAY 16

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: 21.0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	11	21	23	17	12	7	2	3	3	1	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	1	2	3	10	13	11	9	3	4	5	6	8	6	9	5

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	952	-20	X	41	954	-25	3	329	960	-20	X	217	957	-24	X	149	952	-21	4	155	955	-27	X	139
03	954	-22	1	264	952	-21	2	339	954	-25	2	267	960	-24	X	239	956	-23	3	208	951	-22	2	166	956	-26	X	122
06	954	-23	X	238	952	-25	2	335	955	-27	2	285	959	-27	X	229	956	-25	X	259	951	-24	X	173	956	-27	X	111
09	953	-23	0	0	951	-26	2	360	956	-26	1	284	958	-27	2	232	955	-23	0	0	951	-25	X	219	956	-26	X	360
12	953	-24	0	0	951	-28	1	298	957	-26	0	0	958	-26	2	240	954	-25	X	172	951	-26	X	167	955	-25	5	357
15	953	-23	X	201	951	-28	1	294	958	-27	X	184	957	-26	1	156	953	-24	4	155	952	-28	4	174	953	-25	6	318
18	952	-22	1	187	952	-28	2	298	959	-27	X	183	957	-26	X	174	953	-23	3	197	953	-29	6	152	952	-28	9	318
21	952	-22	X	177	952	-27	3	332	960	-26	X	226	957	-26	X	155	952	-24	3	200	954	-27	2	136	951	-26	X	322
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	950	-25	X	332	949	-28	4	32	927	-29	3	14	926	-31	X	179	934	-24	6	173	943	-24	4	294	948	-22	4	294
03	950	-24	3	236	948	-29	X	82	925	-28	3	336	927	-30	X	190	935	-24	2	233	944	-25	3	283	947	-23	5	298
06	951	-28	9	148	946	-29	6	245	923	-27	2	21	928	-28	8	194	935	-26	X	52	945	-25	6	271	947	-21	4	271
09	953	-29	9	155	944	-30	7	283	922	-26	2	359	930	-29	7	240	936	-25	2	111	947	-26	3	263	947	-20	6	269
12	952	-29	15	156	941	-31	6	283	921	-27	X	135	930	-29	4	252	937	-26	3	159	947	-26	3	302	947	-20	1	233
15	954	-29	6	256	938	-32	3	316	921	-27	X	204	931	-28	4	269	939	-25	6	143	948	-26	1	290	948	-18	2	38
18	953	-29	4	277	934	-30	7	18	923	-28	X	195	931	-28	4	252	941	-26	1	174	948	-26	4	294	947	-20	7	335
21	951	-29	6	322	930	-31	4	359	924	-28	X	174	933	-28	6	225	942	-25	X	255	948	-25	5	288	947	-22	6	280
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	949	-19	4	128	953	-18	5	200	946	-19	8	269	936	-11	4	218	950	-17	6	326	959	-19	9	143	955	-22	5	332
03	951	-21	6	53	955	-20	5	104	943	-17	9	291	938	-12	7	233	950	-18	5	333	960	-20	4	139	953	-23	8	319
06	952	-21	7	356	955	-23	3	38	939	-16	11	284	942	-20	10	128	952	-18	3	312	960	-20	3	114	952	-22	4	309
09	952	-20	6	305	954	-22	6	325	936	-16	10	288	945	-19	9	124	953	-18	X	304	960	-20	2	63	951	-21	4	314
12	953	-20	4	66	952	-21	12	280	934	-12	15	291	946	-18	3	108	954	-18	2	336	959	-20	5	356	950	-22	3	145
15	954	-19	6	285	953	-23	7	124	933	-12	5	84	947	-19	4	326	956	-19	0	0	958	-19	8	346	950	-21	6	205
18	954	-19	3	35	951	-23	4	41	934	-12	5	3	948	-18	5	335	956	-17	2	150	957	-21	9	339	951	-20	3	207
21	953	-20	3	325	949	-21	5	305	934	-11	5	236	948	-17	7	335	957	-17	9	134	956	-19	6	1	952	-19	3	224
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	953	-18	4	228	960	-25	4	94	954	-27	7	172	953	-28	X	276	953	-29	2	59	952	-29	2	297	948	-26	1	117
03	955	-17	5	201	960	-25	2	82	954	-28	7	176	953	-30	1	308	952	-29	5	10	951	-29	4	290	946	-26	3	77
06	957	-18	5	135	958	-24	5	69	953	-29	3	204	953	-30	6	300	952	-29	5	319	952	-28	3	328	946	-26	X	243
09	958	-22	7	134	957	-25	0	0	953	-29	5	248	952	-30	6	263	952	-29	4	8	951	-27	0	0	945	-26	X	136
12	958	-23	8	117	956	-26	0	0	953	-30	4	257	952	-29	7	298	952	-30	3	291	951	-26	0	0	945	-26	1	274
15	958	-23	5	115	954	-26	4	4	953	-30	X	252	952	-28	3	316	952	-29	3	288	950	-26	1	360	946	-24	2	183
18	959	-24	5	107	954	-27	2	117	953	-30	X	63	952	-29	2	315	952	-30	3	288	950	-27	2	51	945	-25	3	281
21	960	-25	3	129	953	-27	9	131	953	-30	2	342	952	-29	2	166	952	-29	2	280	949	-26	2	28	944	-25	4	305
		DAY	29			DAY	30																					
00	943	-24	5	305	937	-22	6	290																				
03	942	-24	5	305	937	-20	10	300																				
06	940	-24	6	302	939	-17	3	280																				
09	940	-23	4	311	939	-16	7	263																				
12	939	-23	5	312	941	-17	1	259																				
15	938	-24	3	300	943	-18	4	117																				
18	938	-24	4	280	943	-18	4	77																				
21	938	-23	5	283	943	-19	10	72																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.0 STD DEV = 4.3 MAX = -10.5 AT 2213 GMT ON DAY 17 MIN = -31.6 AT 1503 GMT ON DAY 9
* PRESSURE (MB) * MEAN = 948.5 STD DEV = 8.8 MAX = 960.3 AT 2323 GMT ON DAY 3 MIN = 921.1 AT 1253 GMT ON DAY 10
* WINDS (M/S) * MEAN = 4.4 STD DEV = 2.7 RESULTANT = 1.1 FROM 285. CONSTANCY = .26 MAX = 15.5 FROM 276. AT 1253 GMT DAY 17
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: 16.7 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	19	33	22	16	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	6	3	3	4	2	5	7	6	4	5	5	4	10	17	12	8

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	944	-23	9	91	949	-27	X	127	955	-24	X	318	930	-17	1	66	936	-22	7	291	940	-26	2	86	942	-25	5	7
03	946	-23	6	68	950	-27	2	143	953	-27	5	300	929	-14	X	330	936	-22	12	278	941	-27	4	44	941	-24	3	42
06	947	-24	6	30	952	-28	1	152	950	-25	9	315	926	-16	3	294	938	-24	6	273	941	-27	5	24	940	-24	4	25
09	948	-24	10	326	953	-28	0	0	945	-23	11	332	927	-20	11	270	938	-26	2	302	941	-27	X	340	938	-24	1	82
12	947	-22	12	271	953	-27	2	329	940	-22	13	340	929	-19	9	162	937	-24	3	114	941	-28	X	127	935	-23	2	58
15	948	-23	8	256	954	-26	3	330	933	-20	14	356	930	-22	7	111	937	-24	4	101	942	-26	2	120	932	-24	3	311
18	948	-24	2	236	954	-26	2	316	929	-20	11	359	932	-22	5	58	938	-24	4	129	943	-26	3	83	931	-25	X	259
21	948	-26	1	246	955	-26	5	277	930	-16	4	195	934	-22	10	305	939	-25	5	117	943	-26	5	28	932	-25	7	170
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	935	-23	6	145	943	-24	3	283	942	-19	6	156	959	-21	4	356	958	-25	5	343	958	-25	1	284	965	-25	5	136
03	938	-24	4	139	943	-25	4	291	945	-22	12	148	960	-20	2	359	957	-27	5	290	959	-24	2	256	965	-26	5	143
06	940	-25	1	239	941	-24	8	295	948	-25	5	98	960	-20	3	66	957	-24	7	274	959	-25	1	152	966	-27	5	139
09	941	-24	2	304	940	-23	9	291	951	-21	5	62	959	-21	4	69	957	-26	4	270	960	-26	X	159	967	-28	2	145
12	942	-23	1	72	939	-21	6	231	954	-23	3	84	959	-22	3	51	957	-23	2	285	960	-26	X	179	967	-29	2	101
15	943	-24	3	11	938	-19	3	338	955	-22	4	55	959	-22	2	73	957	-23	5	276	961	-26	3	153	967	-29	3	117
18	943	-24	3	328	938	-17	3	284	957	-22	6	51	959	-22	5	68	958	-24	4	283	962	-26	1	180	967	-29	4	101
21	943	-24	4	329	939	-16	6	155	959	-20	4	58	958	-23	4	1	958	-24	2	253	963	-27	3	159	966	-29	3	101
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	966	-30	2	84	959	-31	2	340	958	-30	X	148	969	-27	2	173	966	-28	5	281	950	-18	2	285	952	-17	11	323
03	966	-31	X	69	958	-31	2	360	959	-29	X	174	970	-27	1	208	964	-25	13	264	947	-17	6	283	952	-18	12	325
06	965	-31	1	37	958	-30	1	27	960	-28	X	215	971	-27	2	219	962	-23	6	281	945	-12	2	149	950	-20	21	325
09	964	-33	X	155	957	-30	1	28	962	-29	X	218	971	-28	3	208	960	-25	4	340	944	-11	7	269	950	-23	17	326
12	963	-31	X	179	957	-32	X	83	963	-29	1	207	971	-29	2	224	960	-22	2	336	945	-10	5	302	950	-22	8	298
15	962	-33	X	103	957	-32	X	160	965	-28	0	0	971	-30	2	235	958	-19	3	343	947	-11	5	316	952	-20	9	295
18	961	-32	X	245	957	-31	X	120	966	-26	1	173	970	-29	2	222	956	-21	3	280	948	-13	10	321	954	-20	4	252
21	960	-32	X	295	957	-30	X	124	968	-26	1	155	969	-28	2	271	953	-18	6	280	950	-16	8	307	955	-20	X	120
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	954	-20	6	309	964	-16	7	308	961	-16	11	125	972	-25	5	111	966	-21	4	59	965	-24	5	325	955	-23	2	129
03	952	-20	15	309	964	-15	9	295	962	-22	10	149	973	-25	5	118	966	-20	2	69	963	-24	9	330	955	-22	1	82
06	954	-19	13	307	964	-16	8	301	964	-22	9	143	973	-24	4	118	967	-23	8	146	960	-26	7	259	955	-22	3	205
09	956	-18	13	300	964	-15	9	314	966	-23	8	143	972	-22	5	100	968	-27	8	158	959	-28	6	201	956	-23	3	208
12	957	-20	10	284	963	-15	4	318	968	-25	7	139	971	-21	4	66	971	-28	6	158	959	-28	3	207	957	-23	3	208
15	961	-20	6	316	962	-14	X	308	969	-25	5	125	969	-22	5	56	972	-28	3	360	958	-26	1	214	958	-23	1	203
18	961	-18	11	293	961	-14	1	302	971	-26	6	113	967	-21	6	49	970	-26	5	35	957	-25	3	117	960	-23	X	190
21	962	-17	9	298	961	-14	6	142	972	-26	5	124	967	-21	5	56	968	-26	7	21	956	-23	4	86	961	-23	X	186
		DAY	29			DAY	30			DAY	31																	
00	963	-24	X	127	964	-27	1	146	954	-29	X	190																
03	963	-24	0	0	964	-26	X	167	953	-29	X	173																
06	963	-26	2	76	963	-27	X	172	952	-27	2	194																
09	963	-27	0	0	962	-27	X	134	952	-28	1	149																
12	963	-27	2	89	961	-27	X	225	953	-26	X	190																
15	963	-27	2	91	959	-27	X	267	953	-26	2	166																
18	964	-27	0	0	957	-28	X	153	954	-26	1	124																
21	964	-28	0	0	956	-29	X	128	954	-27	1	117																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -23.8 STD DEV = 4.3 MAX = -10.2 AT 1204 GMT ON DAY 20 MIN = -33.7 AT 944 GMT ON DAY 15

* PRESSURE (MB) * MEAN = 954.6 STD DEV = 11.1 MAX = 973.0 AT 334 GMT ON DAY 25 MIN = 925.9 AT 533 GMT ON DAY 4

* WINDS (M/S) * MEAN = 4.9 STD DEV = 3.5 RESULTANT = 1.1 FROM 316. CONSTANCY = .22 MAX = 21.0 FROM 325. AT 604 GMT DAY 21

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 14.9 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	24	25	21	13	6	6	3	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	4	3	5	7	8	5	9	7	2	5	3	3	8	12	10	6

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	953	-29	X	77	950	-30	2	257	950	-28	3	315	942	-20	6	269	951	-22	5	49	957	-21	2	121	953	-22	1	294
03	953	-29	X	115	950	-31	X	270	948	-25	4	295	942	-22	6	108	951	-21	X	343	957	-22	4	28	953	-23	2	288
06	951	-29	3	27	950	-29	X	285	948	-25	X	188	943	-22	1	274	952	-19	6	276	957	-22	6	18	955	-24	X	262
09	949	-30	2	297	950	-28	X	274	948	-27	1	69	944	-21	8	25	952	-18	5	98	956	-22	5	65	956	-24	1	172
12	949	-30	2	297	950	-28	X	226	947	-28	X	49	945	-21	5	357	953	-18	3	42	956	-24	4	70	958	-22	X	170
15	948	-31	X	287	950	-27	X	349	946	-24	2	312	945	-21	8	15	954	-19	6	298	956	-24	1	77	959	-22	2	205
18	948	-31	X	240	949	-29	2	246	944	-23	8	291	948	-20	X	218	954	-18	4	311	955	-25	X	96	960	-24	3	270
21	949	-30	2	236	951	-28	2	111	943	-22	1	290	950	-21	4	84	954	-19	7	111	954	-24	X	66	960	-24	X	184
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	959	-23	3	290	948	-17	X	346	951	-13	6	1	959	-14	10	80	962	-20	4	129	955	-22	0	0	942	-28	8	105
03	957	-25	11	278	947	-16	5	318	950	-16	9	319	965	-14	7	165	961	-20	11	131	952	-26	6	342	944	-28	4	121
06	955	-25	6	267	946	-15	X	270	951	-14	7	253	968	-16	5	125	961	-20	6	132	948	-26	8	6	945	-28	4	89
09	954	-25	6	277	946	-12	2	263	951	-15	6	273	969	-16	3	37	960	-21	9	134	942	-22	5	304	947	-27	6	120
12	951	-23	4	280	946	-12	X	129	951	-15	5	280	967	-18	1	51	958	-22	5	117	938	-21	8	248	950	-28	6	121
15	948	-22	9	300	947	-11	2	163	952	-16	8	284	965	-22	5	322	957	-22	4	142	939	-27	9	158	952	-29	3	111
18	948	-19	3	48	947	-13	7	311	953	-14	4	270	963	-21	X	340	956	-22	3	150	942	-27	8	134	954	-29	X	150
21	948	-17	5	46	950	-13	5	79	956	-12	6	256	962	-19	6	360	956	-22	X	155	942	-27	7	125	957	-29	X	156
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	959	-29	7	294	955	-29	3	82	949	-24	6	82	932	-28	4	246	949	-31	10	70	945	-21	4	332	954	-33	8	48
03	961	-29	11	273	955	-28	3	97	946	-24	5	114	934	-28	7	198	948	-31	5	89	944	-28	6	158	951	-33	7	52
06	962	-29	7	248	955	-26	7	114	945	-24	3	131	937	-28	4	190	947	-29	4	58	944	-33	11	149	946	-31	9	14
09	963	-29	2	120	956	-25	8	104	943	-24	X	158	939	-30	6	150	947	-24	3	309	945	-32	11	149	941	-28	10	316
12	962	-29	6	62	956	-25	5	105	941	-26	X	222	941	-31	6	134	946	-24	0	0	948	-33	9	152	938	-29	9	330
15	960	-31	6	23	956	-25	7	103	938	-25	3	325	946	-33	6	91	947	-25	2	262	951	-34	5	156	936	-30	1	270
18	959	-29	7	24	954	-26	7	107	934	-26	4	308	948	-32	5	60	946	-27	X	246	953	-34	1	113	935	-31	3	239
21	956	-27	3	53	953	-25	7	100	932	-27	3	304	950	-32	7	68	945	-23	8	305	954	-33	3	62	936	-32	8	167
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	937	-37	2	169	950	-36	3	359	942	-36	0	0	928	-31	X	198	942	-25	0	0	948	-26	7	188	947	-31	9	284
03	941	-35	14	143	950	-36	X	346	942	-35	X	188	930	-32	X	174	942	-24	2	1	950	-26	9	190	946	-30	12	290
06	944	-35	11	156	949	-36	3	359	939	-32	3	301	932	-30	X	165	942	-22	7	322	951	-28	4	174	944	-28	11	288
09	948	-36	7	242	949	-38	X	166	936	-33	5	31	936	-30	6	152	942	-20	4	360	951	-28	2	165	943	-25	12	293
12	949	-36	6	287	947	-38	1	79	932	-33	6	3	938	-32	1	23	942	-22	8	44	952	-28	3	149	941	-25	8	298
15	951	-35	4	46	946	-37	3	30	929	-32	6	318	937	-30	3	307	944	-23	5	124	951	-28	X	165	939	-24	6	298
18	951	-35	3	90	944	-37	1	93	928	-31	1	321	937	-28	4	256	946	-24	6	177	950	-29	3	319	935	-23	X	321
21	951	-36	4	7	943	-36	X	181	927	-31	X	158	939	-26	3	214	947	-26	8	152	948	-32	7	281	933	-22	4	321
		DAY	29			DAY	30																					
00	933	-21	10	326	940	-27	6	291																				
03	934	-21	3	338	940	-27	6	300																				
06	934	-22	X	347	941	-26	5	288																				
09	936	-22	8	100	942	-26	6	281																				
12	938	-23	12	91	943	-24	7	283																				
15	939	-24	3	87	944	-24	8	239																				
18	939	-25	3	266	946	-24	8	60																				
21	940	-25	3	283	947	-24	7	76																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.7 STD DEV = 5.7 MAX = -10.6 AT 1524 GMT ON DAY 9 MIN = -38.6 AT 855 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 947.9 STD DEV = 8.0 MAX = 968.8 AT 834 GMT ON DAY 11 MIN = 927.3 AT 2115 GMT ON DAY 24
* WINDS (M/S) * MEAN = 5.3 STD DEV = 2.8 RESULTANT = .4 FROM 13. CONSTANCY = .07 MAX = 20.3 FROM 332. AT 2245 GMT DAY 28
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 16.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	11	26	22	27	7	5	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	6	6	6	9	9	6	8	4	1	1	6	9	13	11	2

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	946	-25	6	76	945	-29	2	142	954	-29	3	73	965	-25	2	90	957	-17	11	360	955	-22	5	153	968	-23	2	46
03	946	-26	9	94	946	-29	3	165	957	-28	X	190	966	-25	6	262	952	-18	13	3	958	-22	7	167	967	-24	4	77
06	945	-26	9	66	949	-29	3	181	959	-29	5	238	965	-24	10	262	944	-19	16	6	961	-22	3	148	966	-25	5	108
09	944	-26	10	62	952	-28	4	194	960	-28	X	287	965	-21	6	239	933	-17	X	332	963	-23	2	118	966	-25	5	114
12	944	-27	X	293	954	-28	3	259	959	-27	8	274	966	-20	2	240	929	-22	9	217	964	-22	3	117	965	-26	7	105
15	944	-28	3	28	952	-30	8	302	960	-24	5	260	965	-19	X	104	934	-22	X	173	966	-23	9	132	963	-26	4	141
18	944	-28	3	326	951	-30	8	305	960	-24	1	235	964	-19	X	318	942	-20	15	163	968	-24	5	117	961	-26	3	97
21	944	-28	3	66	953	-29	3	277	962	-23	4	15	961	-19	6	360	949	-21	12	134	969	-23	3	101	959	-26	2	100
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	957	-26	2	120	953	-28	6	135	943	-29	6	3	956	-32	X	287	961	-30	3	257	973	-28	X	70	980	-26	X	226
03	955	-26	2	132	954	-30	6	134	942	-30	X	343	958	-31	X	80	962	-29	3	242	974	-26	3	70	981	-26	2	208
06	953	-26	3	100	953	-28	4	127	942	-31	6	360	959	-31	X	70	963	-26	3	263	975	-27	4	79	983	-26	2	226
09	952	-26	4	75	952	-29	X	307	943	-32	7	336	959	-30	X	83	964	-26	2	115	976	-27	4	80	985	-26	1	208
12	951	-26	4	46	950	-30	1	312	945	-33	X	322	960	-30	X	115	966	-25	5	134	977	-27	2	63	985	-26	1	222
15	951	-26	2	58	948	-30	4	326	947	-33	X	316	960	-29	1	160	968	-27	1	235	977	-27	2	45	985	-27	1	235
18	952	-25	X	129	946	-30	2	360	950	-33	4	290	960	-29	X	188	970	-26	3	8	978	-27	X	295	985	-27	1	259
21	953	-26	3	121	944	-30	3	345	953	-32	X	142	960	-30	4	225	971	-26	3	8	979	-26	X	165	985	-29	1	246
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	985	-31	X	172	987	-31	4	291	968	-28	12	359	968	-31	5	150	971	-36	3	242	961	-34	X	118	946	-36	X	179
03	985	-32	5	190	985	-32	4	311	967	-28	3	357	968	-31	6	152	970	-36	2	273	959	-34	X	142	945	-35	4	155
06	986	-28	9	142	984	-31	3	336	966	-26	X	352	968	-33	5	136	969	-36	3	287	957	-34	2	316	945	-35	X	173
09	988	-30	6	125	983	-31	3	322	965	-26	X	336	969	-35	8	150	967	-35	3	276	954	-35	4	319	946	-36	5	158
12	989	-31	6	256	981	-28	3	335	964	-25	3	314	969	-36	8	150	966	-35	3	250	951	-35	2	321	946	-35	5	155
15	989	-32	6	266	979	-29	5	342	965	-28	5	190	970	-38	9	160	964	-35	1	264	949	-36	X	15	947	-35	3	187
18	989	-32	5	271	975	-29	8	342	966	-28	5	150	970	-38	6	170	963	-35	4	274	948	-35	2	267	948	-35	3	194
21	988	-32	5	280	972	-27	11	350	967	-30	9	142	971	-38	3	186	962	-34	1	269	946	-36	X	360	948	-36	3	201
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	949	-36	4	242	957	-34	7	335	959	-29	5	308	953	-28	2	304	941	-22	4	283	935	-27	X	312	939	-26	5	77
03	949	-36	3	257	957	-34	7	329	959	-27	2	301	952	-28	4	274	939	-22	3	301	935	-27	2	305	940	-26	6	3
06	951	-36	2	259	957	-32	9	345	959	-26	3	150	950	-27	4	271	938	-23	3	304	934	-26	X	170	941	-27	X	319
09	952	-36	1	280	957	-32	9	343	958	-27	3	143	949	-27	3	281	938	-26	X	315	933	-25	3	143	941	-28	X	323
12	955	-35	X	291	957	-31	9	335	958	-29	1	129	947	-24	5	283	937	-26	8	309	933	-25	1	93	942	-29	6	302
15	955	-34	X	332	957	-31	8	338	957	-30	X	170	945	-26	4	287	936	-27	8	288	935	-23	2	75	943	-27	2	290
18	956	-34	X	312	958	-30	7	315	956	-28	0	0	944	-24	6	295	936	-26	7	295	936	-23	2	77	943	-28	0	0
21	957	-34	5	343	958	-29	1	314	955	-27	1	284	942	-24	4	283	936	-27	5	300	938	-24	1	55	946	-30	4	134
		DAY	29			DAY	30			DAY	31																	
00	948	-32	X	153	947	-24	12	267	949	-22	9	108																
03	949	-30	4	287	948	-22	3	338	949	-23	9	94																
06	949	-29	5	270	949	-18	6	269	950	-25	3	205																
09	949	-26	4	281	949	-22	10	270	949	-25	3	224																
12	949	-24	3	285	950	-20	X	312	948	-25	5	293																
15	949	-23	5	263	949	-21	5	63	946	-25	7	360																
18	948	-24	13	278	948	-22	5	25	945	-24	X	302																
21	947	-24	12	290	949	-22	X	155	944	-24	X	329																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -27.9 STD DEV = 4.5 MAX = -16.1 AT 825 GMT ON DAY 5 MIN = -39.1 AT 1943 GMT ON DAY 18
* PRESSURE (MB) * MEAN = 957.0 STD DEV = 13.4 MAX = 989.0 AT 1145 GMT ON DAY 15 MIN = 928.2 AT 1335 GMT ON DAY 5
* WINDS (M/S) * MEAN = 4.7 STD DEV = 2.9 RESULTANT = .7 FROM 300. CONSTANCY = .14 MAX = 22.6 FROM 172. AT 1455 GMT DAY 5
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 18.5 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	14	37	25	9	9	4	1	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	7	1	2	7	5	5	8	8	3	3	4	5	14	10	8	7

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	950	-29	X	172	949	-38	2	145	933	-25	6	285	928	-21	4	156	933	-20	7	305	937	-26	7	290
03	942	-27	X	326	949	-28	2	188	948	-37	1	103	932	-25	X	105	929	-20	6	170	935	-21	5	339	936	-26	6	288
06	943	-28	X	314	949	-28	3	159	946	-36	4	312	930	-23	4	288	930	-21	1	284	935	-21	5	343	935	-26	8	293
09	944	-29	X	75	949	-29	2	176	944	-35	4	309	929	-24	6	284	930	-20	6	68	936	-21	6	60	935	-26	10	283
12	947	-28	9	122	950	-32	4	132	941	-33	7	278	929	-22	5	89	930	-21	8	359	937	-21	1	11	934	-23	8	305
15	948	-29	8	136	949	-34	6	145	939	-32	8	277	929	-23	X	350	929	-22	1	359	938	-22	6	338	933	-22	11	287
18	949	-29	4	124	949	-36	8	156	937	-30	7	278	926	-22	13	72	931	-22	8	13	937	-22	5	28	936	-21	8	107
21	949	-29	2	149	949	-38	4	162	935	-27	5	276	927	-22	4	21	934	-22	6	273	937	-23	6	316	938	-20	7	156
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	940	-20	7	111	947	-22	8	179	946	-21	6	293	934	-14	5	203	936	-12	1	290	939	-15	9	14	953	-16	X	322
03	939	-21	13	304	949	-22	5	125	945	-21	4	302	931	-16	0	0	937	-13	3	110	941	-15	9	1	952	-17	9	290
06	939	-22	7	281	950	-23	6	243	944	-19	5	274	930	-14	X	325	936	-14	X	347	943	-15	9	34	951	-20	8	291
09	939	-22	6	280	951	-21	8	139	942	-20	7	281	930	-14	14	174	935	-16	6	288	945	-15	15	139	950	-22	9	309
12	941	-21	6	143	950	-22	9	274	940	-17	9	285	931	-14	9	174	935	-17	6	305	949	-17	8	150	948	-22	10	312
15	942	-23	5	143	950	-22	6	256	938	-18	4	301	933	-13	8	167	937	-18	3	300	951	-16	10	145	947	-22	6	314
18	944	-24	9	167	949	-20	2	278	938	-17	4	3	935	-12	12	201	937	-17	X	349	953	-16	6	138	945	-21	X	323
21	946	-23	8	173	948	-21	6	297	936	-16	7	1	936	-12	9	153	938	-15	8	11	954	-16	3	141	944	-20	X	277
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	942	-22	3	90	926	-23	3	66	937	-21	3	297	948	-24	3	110	954	-24	4	15	947	-29	9	302	947	-29	9	333
03	940	-21	4	51	926	-22	4	90	938	-21	2	314	949	-24	3	62	954	-26	3	308	947	-30	3	318	949	-30	5	329
06	937	-20	3	356	927	-23	X	255	940	-22	3	359	950	-24	3	360	954	-26	1	150	946	-32	4	325	951	-31	X	205
09	933	-23	5	304	928	-23	1	267	942	-24	2	288	951	-24	2	353	953	-26	3	110	945	-31	8	342	954	-30	5	145
12	930	-26	8	336	930	-23	1	274	943	-26	2	314	952	-24	7	277	952	-26	3	68	944	-30	10	336	956	-31	8	149
15	928	-25	6	345	931	-22	X	222	944	-24	4	60	952	-24	5	256	951	-29	4	333	944	-30	8	340	958	-29	8	134
18	927	-24	6	352	933	-21	X	302	945	-25	X	23	953	-23	3	113	950	-30	7	328	944	-30	7	326	959	-29	3	274
21	926	-24	6	1	935	-21	X	76	946	-25	X	155	954	-24	4	48	948	-30	9	301	945	-29	7	325	959	-30	11	285
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	959	-31	2	312	947	-32	3	288	945	-33	0	0	947	-33	6	172	937	-32	10	284	937	-28	X	283	937	-20	4	285
03	957	-32	4	308	947	-34	X	302	945	-33	3	35	948	-36	8	179	937	-32	8	290	937	-26	X	266	936	-19	1	238
06	954	-32	4	295	947	-35	X	271	945	-33	2	70	947	-35	X	297	938	-32	8	300	937	-25	X	229	936	-20	2	267
09	952	-34	5	308	947	-36	X	245	945	-32	X	80	945	-35	7	259	938	-31	6	302	937	-24	3	281	937	-21	6	82
12	949	-37	6	304	946	-35	4	288	945	-32	X	246	943	-35	5	300	938	-29	6	309	937	-23	X	218	937	-22	4	90
15	948	-36	5	314	946	-34	X	305	946	-31	1	208	940	-35	11	281	937	-29	7	323	937	-20	3	214	938	-21	6	141
18	947	-36	4	288	945	-33	7	325	946	-32	4	167	939	-35	6	287	937	-30	6	314	937	-21	3	271	940	-20	4	187
21	946	-35	2	319	945	-33	X	345	947	-31	3	163	939	-34	9	290	937	-28	4	323	938	-21	6	278	942	-20	4	186
		DAY	29			DAY	30			DAY	31																	
00	944	-22	6	166	955	-24	1	111	956	-23	9	193																
03	946	-22	3	136	956	-24	2	75	955	-24	9	179																
06	948	-22	4	152	956	-24	2	73	956	-23	8	181																
09	950	-23	3	135	957	-25	3	60	957	-23	5	163																
12	951	-23	2	124	957	-25	2	62	958	-22	8	149																
15	952	-23	3	155	958	-25	X	89	959	-23	5	153																
18	953	-23	X	149	957	-24	1	167	960	-24	8	149																
21	954	-23	1	73	956	-23	4	205	961	-24	7	148																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.8 STD DEV = 5.9 MAX = -11.5 AT 2123 GMT ON DAY 11 MIN = -38.4 AT 2043 GMT ON DAY 2
* PRESSURE (MB) * MEAN = 943.1 STD DEV = 8.4 MAX = 961.4 AT 2214 GMT ON DAY 31 MIN = 926.2 AT 123 GMT ON DAY 16
* WINDS (M/S) * MEAN = 5.5 STD DEV = 2.8 RESULTANT = 1.2 FROM 285. CONSTANCY = .21 MAX = 19.9 FROM 179. AT 953 GMT DAY 11
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: 13.7 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	11	25	22	22	16	2	1	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	6	2	2	6	2	4	9	11	6	2	0	2	10	17	14	6

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	959	-28	4	94	962	-30	3	148	960	-30	X	190	958	-30	3	360	937	-33	6	179	939	-31	4	294
03	962	-24	4	166	959	-28	5	41	963	-30	3	128	960	-29	10	181	955	-30	4	6	938	-33	7	174	940	-29	9	304
06	962	-25	5	165	957	-29	10	323	964	-30	3	132	960	-30	5	167	951	-31	8	359	939	-34	9	174	941	-31	8	287
09	961	-24	4	174	957	-30	5	322	964	-27	4	136	960	-31	X	280	948	-33	X	332	940	-32	X	290	943	-31	X	307
12	961	-26	3	169	956	-32	6	291	963	-26	6	136	960	-31	X	284	945	-33	X	274	940	-33	X	281	944	-29	X	284
15	960	-26	2	165	958	-32	6	280	962	-26	6	162	960	-31	0	0	943	-33	5	267	940	-34	X	98	944	-31	X	305
18	960	-27	3	158	959	-32	4	218	960	-26	8	170	960	-32	4	17	940	-34	6	238	939	-33	X	311	945	-32	6	316
21	959	-27	2	142	961	-31	3	149	960	-27	6	211	960	-32	5	346	938	-34	6	222	940	-31	X	270	946	-32	X	321
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	947	-30	5	301	951	-23	X	249	940	-23	X	132	948	-24	X	3	941	-24	X	25	944	-31	X	139	949	-31	3	173
03	949	-28	3	290	951	-23	X	153	940	-22	X	309	947	-25	X	15	941	-25	X	37	944	-31	X	142	949	-32	2	239
06	950	-28	0	0	949	-24	X	155	941	-21	X	325	945	-26	X	347	942	-26	X	89	945	-33	8	155	949	-34	2	248
09	950	-28	4	316	948	-26	7	152	944	-21	X	333	945	-26	5	359	942	-26	X	122	946	-33	3	159	949	-34	2	242
12	950	-29	6	314	944	-26	7	170	945	-23	X	89	944	-26	X	7	942	-26	X	108	946	-33	5	163	948	-34	2	226
15	949	-28	X	330	940	-24	X	173	948	-23	5	162	942	-27	X	20	942	-28	X	138	947	-33	5	165	947	-34	1	259
18	948	-26	10	307	938	-24	X	173	949	-24	X	117	942	-27	4	360	942	-28	X	111	947	-33	6	169	947	-34	X	266
21	949	-25	3	269	938	-25	X	188	949	-24	X	77	941	-25	X	24	943	-31	X	141	948	-33	5	173	946	-33	X	281
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	946	-32	X	278	943	-28	X	84	948	-29	X	305	947	-30	X	291	934	-26	X	328	939	-21	10	155	939	-21	X	52
03	945	-32	X	280	944	-29	X	15	949	-23	X	124	945	-29	X	290	936	-24	X	104	941	-21	X	179	937	-20	X	23
06	944	-33	X	276	944	-31	X	260	949	-27	X	100	943	-30	X	308	936	-24	X	66	943	-22	9	179	937	-20	X	307
09	943	-33	X	259	945	-31	4	270	950	-27	X	141	940	-29	X	307	936	-24	X	333	944	-22	X	298	936	-19	3	188
12	943	-33	X	273	946	-30	X	287	950	-28	X	105	937	-29	X	318	936	-24	X	276	943	-22	X	330	933	-20	X	312
15	943	-33	X	278	946	-31	X	288	950	-28	X	105	934	-28	X	326	935	-23	5	267	942	-23	0	0	931	-20	X	314
18	943	-31	3	257	946	-32	X	277	950	-30	X	322	933	-29	X	336	936	-20	1	249	940	-23	3	280	929	-20	6	349
21	943	-31	X	138	947	-31	X	285	949	-28	X	342	932	-27	X	328	937	-20	X	142	939	-21	X	42	927	-19	X	321
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	926	-19	10	346	939	-21	0	0	943	-20	X	75	942	-22	X	290	938	-25	X	302	932	-23	2	345	950	-22	2	180
03	926	-20	9	346	940	-23	X	307	943	-23	2	267	942	-24	X	245	936	-25	1	308	934	-24	1	332	951	-22	5	191
06	927	-20	X	346	942	-23	X	280	942	-23	X	309	X	X	X	X	934	-24	4	308	937	-24	X	31	951	-24	3	155
09	928	-19	4	349	943	-23	X	347	942	-23	X	24	943	-26	1	278	932	-25	0	0	940	-24	0	0	951	-26	1	183
12	930	-20	X	131	943	-24	X	314	941	-23	X	329	943	-26	5	270	930	-25	X	316	943	-22	0	0	949	-26	X	290
15	932	-23	0	0	943	-21	X	321	941	-24	X	84	943	-28	3	276	930	-26	0	0	945	-22	2	181	947	-26	3	330
18	934	-24	0	0	943	-23	7	122	941	-24	1	159	942	-28	1	277	929	-26	7	322	947	-22	1	176	944	-26	6	283
21	937	-23	6	200	943	-22	5	113	942	-22	X	53	940	-26	1	293	930	-24	1	336	949	-21	1	181	942	-25	6	277
		DAY	29			DAY	30																					
00	939	-20	5	260	926	-23	X	300																				
03	936	-20	2	305	926	-18	1	340																				
06	933	-22	6	307	927	-20	X	24																				
09	931	-22	2	314	927	-21	X	314																				
12	928	-23	X	312	927	-22	X	323																				
15	927	-25	7	298	926	-22	0	0																				
18	926	-24	2	304	926	-21	X	312																				
21	926	-24	4	304	927	-20	3	314																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -26.4 STD DEV = 4.3 MAX = -16.7 AT 2245 GMT ON DAY 30 MIN = -34.7 AT 1714 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 943.6 STD DEV = 9.1 MAX = 963.7 AT 624 GMT ON DAY 3 MIN = 925.7 AT 15 GMT ON DAY 30
* WINDS (M/S) * MEAN = 4.2 STD DEV = 2.6 RESULTANT = 1.1 FROM 243. CONSTANCY = .27 MAX = 15.2 FROM 187. AT 2044 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .8 % WINDS: 49.6 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	26	26	22	17	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	6	1	1	0	1	2	5	15	17	2	3	5	13	7	15	7

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	928	-16	X	35	933	-17	13	152	928	-16	X	11	935	-18	X	167	948	-19	3	359	949	-22	3	321	956	-24	X	218
03	928	-18	7	84	934	-17	5	281	927	-18	3	30	936	-18	0	0	948	-20	4	357	949	-23	X	342	956	-24	4	146
06	929	-18	X	30	932	-18	2	295	928	-19	3	39	938	-20	1	243	948	-21	X	302	950	-24	3	309	956	-24	X	21
09	929	-19	X	305	931	-18	X	291	929	-20	X	343	940	-21	2	238	948	-24	5	309	950	-26	3	302	956	-26	X	14
12	929	-18	7	304	929	-18	10	281	929	-21	X	4	942	-20	2	267	948	-22	6	298	951	-27	2	274	956	-26	X	10
15	929	-18	12	121	929	-19	X	141	930	-21	0	0	944	-21	2	239	948	-24	7	308	952	-28	2	291	955	-26	4	359
18	930	-19	10	165	929	-19	1	221	932	-21	X	240	945	-21	X	239	948	-23	6	314	953	-27	1	179	955	-25	2	302
21	932	-17	9	146	929	-18	0	0	933	-20	X	174	947	-20	2	48	949	-23	5	314	955	-26	0	0	955	-24	4	290
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	956	-25	3	287	954	-21	9	277	945	-13	X	298	951	-19	2	357	958	-18	7	187	961	-20	5	170	954	-22	8	77
03	956	-25	5	290	952	-19	8	290	945	-15	11	287	951	-20	X	322	959	-19	7	180	960	-20	3	162	954	-22	6	87
06	957	-27	6	280	950	-16	6	224	945	-16	10	291	952	-21	7	309	960	-21	12	176	959	-21	1	136	954	-24	7	136
09	956	-27	5	298	951	-14	X	108	948	-15	6	97	953	-21	3	360	961	-21	11	188	958	-23	3	122	955	-25	8	136
12	956	-26	2	326	949	-18	9	283	950	-17	X	55	954	-19	4	84	962	-22	8	180	957	-23	2	115	956	-26	9	105
15	957	-23	4	75	946	-17	8	264	950	-18	5	66	954	-19	4	131	962	-22	10	186	956	-23	4	94	957	-28	9	125
18	956	-24	6	308	944	-18	11	266	950	-20	5	55	955	-19	5	149	961	-22	12	179	956	-22	3	101	958	-28	7	108
21	955	-21	6	285	945	-15	X	315	951	-19	X	340	957	-19	6	180	962	-21	5	183	955	-22	4	77	958	-28	8	113
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	959	-26	7	127	957	-29	9	318	957	-25	2	269	952	-21	12	138	953	-17	10	160	944	-19	3	35	943	-20	2	269
03	959	-26	3	124	956	-27	9	298	957	-24	3	281	952	-20	10	165	952	-17	6	165	942	-23	0	0	945	-19	2	187
06	959	-26	3	141	956	-27	8	325	956	-24	4	250	952	-20	10	156	951	-19	4	153	942	-23	5	293	946	-21	4	101
09	958	-26	2	93	957	-28	6	338	956	-24	6	266	953	-20	10	149	950	-20	3	170	942	-23	1	287	948	-21	1	72
12	958	-26	X	25	957	-28	6	330	955	-24	6	256	952	-20	9	163	949	-20	4	162	941	-25	5	284	949	-21	7	94
15	957	-30	5	332	957	-27	4	297	954	-23	6	232	953	-20	7	143	948	-20	X	181	941	-24	5	312	950	-22	7	113
18	957	-30	4	304	957	-26	3	284	953	-20	8	188	953	-19	9	145	947	-20	X	167	941	-23	X	359	951	-23	7	111
21	957	-30	6	308	957	-26	2	276	953	-20	8	160	953	-18	8	150	946	-17	X	7	942	-17	X	266	953	-23	3	122
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	953	-23	6	117	954	-24	6	293	946	-23	1	293	944	-16	X	294	944	-18	5	75	941	-17	3	111	956	-20	10	280
03	954	-23	7	162	953	-22	2	311	945	-19	X	338	945	-16	7	276	943	-17	1	56	944	-17	7	124	957	-15	5	281
06	954	-24	3	155	952	-21	2	217	944	-17	2	294	945	-13	3	224	942	-18	X	42	947	-19	6	115	958	-14	9	294
09	954	-25	5	243	951	-22	X	304	944	-18	2	314	944	-14	3	219	941	-19	3	39	949	-20	4	114	957	-13	6	245
12	954	-24	6	262	950	-23	5	349	944	-18	X	342	944	-16	3	138	940	-19	5	27	951	-21	3	120	957	-10	6	224
15	954	-24	7	250	948	-24	5	318	944	-17	3	287	944	-18	6	134	939	-20	2	46	953	-21	3	32	957	-12	6	260
18	954	-24	6	288	946	-23	4	295	944	-18	4	298	944	-17	8	135	938	-19	X	72	953	-20	X	3	957	-17	8	274
21	954	-24	8	294	946	-21	3	267	944	-17	X	330	945	-19	7	127	939	-18	2	118	955	-20	X	290	956	-15	7	270
		DAY	29			DAY	30			DAY	31																	
00	956	-10	X	118	948	-12	6	301	936	-12	4	271																
03	955	-11	X	311	946	-10	6	204	933	-12	4	301																
06	954	-13	7	285	945	-11	7	229	931	-12	4	312																
09	953	-12	9	271	944	-11	X	172	930	-14	6	295																
12	952	-14	8	271	945	-12	3	304	929	-15	8	295																
15	950	-12	4	270	942	-11	8	269	929	-16	4	308																
18	949	-12	5	252	940	-11	2	301	930	-16	8	302																
21	948	-10	9	195	938	-13	6	276	931	-15	10	302																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -20.0 STD DEV = 4.4 MAX = -8.8 AT 2015 GMT ON DAY 29 MIN = -30.2 AT 1705 GMT ON DAY 15
* PRESSURE (MB) * MEAN = 948.2 STD DEV = 9.0 MAX = 961.9 AT 1655 GMT ON DAY 12 MIN = 926.8 AT 215 GMT ON DAY 3
* WINDS (M/S) * MEAN = 5.4 STD DEV = 2.8 RESULTANT = 1.2 FROM 233. CONSTANCY = .23 MAX = 16.8 FROM 174. AT 1735 GMT DAY 12
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 16.9 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	13	27	19	23	14	4	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	1	3	3	4	7	9	8	7	1	4	4	13	18	10	1

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	935	-14	9	291	955	-14	6	288	952	-13	7	77	953	-12	2	326	941	-14	3	66	950	-16	7	252	953	-13	X	316
03	936	-13	9	301	956	-14	3	281	951	-12	10	87	951	-13	5	326	940	-12	4	38	950	-14	11	260	953	-17	5	145
06	939	-13	6	302	955	-14	4	315	951	-12	9	97	949	-14	X	342	939	-13	6	49	951	-16	13	263	953	-17	5	173
09	943	-14	10	149	955	-15	6	314	951	-13	6	107	945	-15	9	360	940	-13	4	80	952	-18	6	128	953	-16	6	162
12	947	-17	9	121	954	-15	10	330	952	-14	8	117	943	-15	10	357	942	-16	5	142	952	-18	X	333	953	-17	3	198
15	950	-16	7	131	953	-15	X	316	952	-14	6	91	942	-16	8	347	944	-17	5	163	951	-17	8	100	952	-17	7	201
18	953	-16	5	113	952	-14	X	308	953	-14	3	149	942	-15	X	338	947	-18	6	139	953	-17	3	114	952	-17	3	152
21	954	-16	2	49	952	-12	X	333	954	-13	3	72	941	-13	0	0	949	-17	X	52	953	-17	3	53	952	-17	6	156
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	951	-16	4	155	936	-12	11	270	940	-10	8	82	957	-9	X	17	965	-11	7	121	958	-10	4	288	957	-9	8	176
03	949	-15	2	270	936	-9	5	263	943	-10	6	66	959	-9	5	82	965	-11	6	134	957	-10	5	290	957	-8	0	0
06	948	-16	4	300	935	-10	7	335	945	-10	X	32	960	-10	4	108	964	-10	X	153	956	-10	6	290	956	-9	1	328
09	946	-16	X	42	933	-11	7	288	947	-10	6	49	961	-10	5	316	963	-11	3	267	956	-8	8	285	957	-9	X	80
12	945	-16	1	328	932	-12	6	277	949	-10	3	59	962	-10	6	159	962	-11	5	287	955	-11	8	79	956	-11	5	314
15	943	-16	5	274	933	-9	12	246	951	-10	4	136	963	-11	6	141	961	-12	3	267	956	-10	7	125	956	-10	2	295
18	941	-14	9	269	935	-8	9	269	954	-10	4	79	964	-11	3	166	960	-11	2	297	956	-11	7	131	956	-6	X	212
21	940	-14	7	273	938	-9	5	97	956	-9	4	37	965	-11	8	152	959	-11	1	294	957	-10	4	155	956	-7	6	156
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	956	-6	4	117	949	-7	4	267	946	-7	X	10	951	-10	2	84	950	-7	X	255	945	-11	X	314	949	-9	11	149
03	955	-6	4	158	948	-7	3	298	946	-7	6	20	951	-10	2	146	949	-9	1	274	945	-10	7	293	949	-9	6	162
06	953	-5	X	84	948	-7	2	307	946	-8	5	114	951	-7	X	45	949	-10	1	274	945	-10	7	284	950	-9	14	136
09	952	-6	1	298	947	-7	3	305	948	-11	6	143	951	-11	X	360	949	-11	X	287	945	-10	7	304	950	-10	15	165
12	952	-8	X	121	947	-8	2	127	949	-12	5	108	952	-12	4	129	948	-11	0	0	945	-10	3	294	951	-10	12	170
15	951	-9	3	149	946	-7	4	176	949	-11	4	121	951	-12	4	104	947	-12	2	290	946	-10	5	98	952	-10	21	150
18	950	-9	3	121	946	-7	1	250	950	-11	X	217	951	-12	2	93	946	-12	3	293	947	-10	5	143	953	-10	17	163
21	949	-7	3	155	946	-5	1	141	951	-10	3	121	951	-9	X	89	946	-11	5	297	948	-10	6	173	954	-10	24	146
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	955	-10	17	158	963	-8	5	169	958	-7	4	134	955	-8	15	180	954	-6	15	155	960	-4	7	260	960	-4	3	105
03	956	-9	13	160	963	-7	3	163	957	-7	4	141	954	-7	13	174	955	-6	12	179	960	-4	3	134	960	-4	3	89
06	958	-9	15	167	962	-7	X	18	957	-7	3	146	953	-7	11	167	954	-5	18	170	960	-4	4	183	959	-4	3	72
09	959	-9	15	181	961	-8	X	18	956	-7	6	176	954	-7	9	205	955	-5	18	176	961	-4	X	302	959	-5	6	59
12	961	-8	15	166	960	-8	4	59	955	-8	5	187	954	-7	X	188	956	-5	21	152	961	-5	4	316	958	-6	3	51
15	961	-9	12	148	960	-8	3	100	955	-9	11	165	951	-7	24	173	957	-5	10	162	960	-5	X	242	958	-7	X	338
18	962	-9	14	145	959	-8	4	90	955	-9	10	211	952	-6	14	170	957	-5	19	159	960	-3	2	298	958	-6	3	90
21	963	-8	11	149	959	-7	4	141	955	-8	5	183	954	-6	19	177	958	-5	9	146	960	-3	3	122	958	-5	2	150
		DAY	29			DAY	30																					
00	959	-7	5	131	963	-5	3	128																				
03	959	-6	7	117	962	-5	3	100																				
06	960	-6	7	113	962	-7	3	346																				
09	960	-6	7	125	962	-8	1	346																				
12	961	-6	6	153	962	-8	3	330																				
15	961	-6	4	134	962	-7	X	312																				
18	962	-6	3	165	963	-5	X	127																				
21	962	-5	1	142	963	-7	1	256																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -10.0 STD DEV = 3.6 MAX = -2.2 AT 2005 GMT ON DAY 27 MIN = -18.4 AT 1925 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 952.6 STD DEV = 7.1 MAX = 965.0 AT 235 GMT ON DAY 12 MIN = 932.4 AT 1205 GMT ON DAY 9
* WINDS (M/S) * MEAN = 6.4 STD DEV = 4.6 RESULTANT = 2.9 FROM 159. CONSTANCY = .45 MAX = 24.5 FROM 146. AT 2125 GMT DAY 21
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 13.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	10	25	25	15	8	4	4	4	1	1	2	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	3	4	9	9	15	18	9	2	0	2	8	11	5	4

STATION : 8913 WHITLOCK LAT : 76.1 S LONG : 168.3E ELEVATION : 274 M

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HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	964	-5	3	236	967	-9	7	319	960	-4	5	93	953	-7	4	103	948	-6	7	117	949	-8	7	285	956	-5	2	128
03	964	-5	5	256	967	-7	7	359	957	-3	4	174	953	-7	4	97	948	-8	6	105	950	-6	6	288	956	-5	9	252
06	965	-5	5	245	967	-6	X	7	956	-3	2	160	951	-8	6	96	949	-8	4	136	951	-4	3	165	957	-6	7	253
09	965	-6	1	201	968	-6	8	3	956	-4	2	283	951	-8	6	124	950	-8	X	219	953	-6	6	52	957	-6	3	255
12	966	-6	X	236	968	-6	5	41	955	-4	2	101	950	-8	4	100	950	-9	3	264	954	-7	4	89	958	-7	3	240
15	966	-6	X	278	967	-5	6	59	954	-5	6	319	949	-8	2	98	949	-9	6	270	955	-7	X	13	957	-7	X	308
18	966	-7	3	354	965	-5	8	76	953	-6	8	135	948	-7	4	89	949	-9	X	288	955	-6	10	225	957	-8	6	264
21	967	-7	X	3	963	-4	6	100	954	-7	6	127	948	-7	6	107	949	-8	9	290	956	-6	7	285	957	-6	6	228
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	956	-5	8	277	953	-5	5	290	954	-6	8	270	957	-4	3	117	961	-3	2	134	959	-4	6	242	963	-5	X	167
03	956	-4	5	269	953	-2	X	142	954	-5	5	255	958	-3	5	155	961	-2	2	328	959	-5	7	159	963	-3	14	190
06	956	-4	3	312	953	-5	4	108	955	-4	5	111	959	-6	4	107	961	-4	7	295	959	-5	11	152	964	-4	15	195
09	956	-5	3	307	953	-6	5	113	955	-4	1	141	961	-6	5	166	962	-4	3	262	960	-6	X	148	963	-4	11	156
12	955	-5	3	278	953	-6	2	155	955	-6	7	280	961	-7	4	134	961	-4	4	278	960	-8	9	165	963	-4	24	180
15	954	-5	2	31	954	-6	1	166	954	-6	5	222	961	-6	3	305	960	-3	9	255	962	-7	8	179	963	-4	26	172
18	954	-6	X	301	954	-7	5	277	956	-5	X	63	961	-7	X	326	958	-3	10	114	963	-7	11	165	965	-4	11	174
21	953	-5	4	283	954	-7	6	274	956	-3	3	124	961	-3	3	218	959	-3	6	163	964	-6	X	194	966	-4	10	176
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	966	-4	14	170	968	-4	1	176	972	-3	8	176	968	-3	9	145	971	-4	6	134	964	0	X	68	966	-3	X	304
03	966	-4	15	176	969	-3	12	169	970	-3	12	158	968	-3	7	158	971	-3	5	149	964	-3	6	132	965	-4	2	98
06	967	-4	16	145	969	-3	11	148	970	-2	11	193	969	-3	6	143	970	-1	1	158	964	-5	5	131	965	-5	2	136
09	967	-3	11	153	970	-3	10	155	969	-2	7	158	969	-3	6	143	969	-1	3	136	965	-6	5	158	964	-4	2	228
12	967	-3	12	165	971	-3	9	138	969	-3	9	163	970	-3	5	148	968	-2	1	136	965	-7	4	181	964	-5	5	235
15	968	-4	11	163	971	-3	10	159	968	-3	9	155	970	-3	9	160	966	-5	3	42	965	-6	X	188	964	-5	X	195
18	967	-4	15	162	971	-3	9	163	967	-3	0	0	970	-3	6	163	965	-4	3	345	966	-4	1	222	964	-6	X	180
21	968	-3	15	186	971	-3	12	174	968	-3	7	132	971	-4	7	163	964	-4	4	356	966	-4	2	256	964	-6	6	149
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	965	-6	8	153	968	-2	1	160	966	-3	X	319	973	-3	4	245	974	0	X	307	969	-3	X	45	978	-2	2	249
03	965	-5	8	158	968	-2	0	0	967	-3	4	274	973	-2	3	200	973	-2	X	333	970	-3	6	51	978	-2	2	243
06	967	-5	7	145	967	-1	X	82	967	-3	3	269	974	-2	2	167	972	-3	3	356	971	-3	4	60	979	-1	X	243
09	968	-4	7	167	967	-2	X	3	968	-3	2	269	974	-2	2	179	971	-3	X	4	972	-4	4	60	979	-2	3	273
12	968	-5	6	167	967	-4	X	330	969	-3	3	270	975	-3	0	0	970	-3	X	1	973	-3	1	59	979	-3	3	311
15	968	-4	X	201	966	-5	X	293	970	-3	1	250	975	-3	2	264	970	-3	5	360	974	-3	X	20	978	-4	3	326
18	968	-4	4	169	966	-3	X	298	971	-3	X	215	975	-3	2	264	969	-3	X	13	975	-1	X	349	978	-5	5	345
21	968	-3	2	243	966	-4	X	291	972	-3	4	255	974	-2	X	218	969	-3	4	37	977	0	X	267	977	-3	3	359
		DAY	29			DAY	30			DAY	31																	
00	976	-3	3	322	969	-5	X	323	973	-4	4	53																
03	974	-2	4	323	970	-4	X	316	X	X	X	X																
06	973	-2	1	335	971	-4	X	322	X	X	X	X																
09	972	-2	X	6	972	-3	7	3	X	X	X	X																
12	971	-3	3	359	972	-3	1	20	X	X	X	X																
15	969	-4	X	319	973	-5	8	359	X	X	X	X																
18	969	-5	X	333	973	-5	X	7	X	X	X	X																
21	969	-5	8	321	973	-4	5	48	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -4.3 STD DEV = 1.8 MAX = 2.9 AT 2255 GMT ON DAY 25 MIN = -9.4 AT 1315 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 964.0 STD DEV = 7.7 MAX = 978.9 AT 1045 GMT ON DAY 28 MIN = 947.7 AT 145 GMT ON DAY 5
* WINDS (M/S) * MEAN = 5.8 STD DEV = 3.9 RESULTANT = 2.5 FROM 171. CONSTANCY = .44 MAX = 26.1 FROM 172. AT 1505 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.8 % PRESSURE: 2.8 % WINDS: 21.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	11	27	22	19	10	6	2	3	1	0	1	1	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	1	4	3	5	5	12	20	9	2	4	8	10	4	5	2

STATION : 8914 D-47 LAT : 67.4 S LONG : 138.7 E ELEVATION : 1560 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	X	-23	36	100	X	-23	36	100	X	-23	36	90	X	-23	36	90	X	-23	36	100
03	X	X	X	X	X	X	X	X	X	X	X	X	X	-24	36	100	X	-23	36	100	X	-23	36	100	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	36	90
09	X	X	X	X	X	X	X	X	X	-23	36	90	X	-23	36	90	X	-23	36	90	X	-23	36	90	X	-23	36	90
12	X	X	X	X	X	X	X	X	X	-24	36	100	X	-23	36	100	X	-23	36	90	X	-23	36	90	X	-23	36	90
15	X	X	X	X	X	X	X	X	X	-23	36	90	X	-24	36	100	X	-23	36	100	X	-23	36	90	X	-23	36	90
18	X	X	X	X	X	X	X	X	X	-23	36	100	X	-24	36	100	X	-23	36	100	X	-23	36	100	X	-23	36	90
21	X	X	X	X	X	-23	36	90	X	X	36	90	X	-23	36	90	X	-23	36	90	X	-23	36	100	X	-23	36	100
		DAY	29			DAY	30																					
00	X	-24	36	100	X	-23	36	90																				
03	X	X	X	X	X	-23	36	101																				
06	X	-23	36	90	X	-23	0	0																				
09	X	-23	36	101	X	-23	0	0																				
12	X	-24	36	90	X	-23	0	0																				
15	X	-23	36	90	X	-23	0	0																				
18	X	-23	36	90	X	X	X	X																				
21	X	-24	36	101	X	X	X	X																				

MONTHLY SUMMARY

TEMPERATURE (C) * MEAN = -23.4 STD DEV = .0 MAX = -23.2 AT 959 GMT ON DAY 24 MIN = -23.5 AT 124 GMT ON DAY 24

PRESSURE (MB) * MEAN = .0 STD DEV = .0 MAX =****** AT 0 GMT ON DAY 0 MIN =****** AT 0 GMT ON DAY 0

WINDS (M/S) * MEAN = 33.0 STD DEV = 9.9 RESULTANT = 32.9 FROM 95. CONSTANCY =1.00 MAX = 36.2 FROM 101. AT 1951 GMT DAY 23

MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 80.4 % PRESSURE: 100.0 % WINDS: 80.0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	8	0	0	0	0	0	0	0	0	0	0	0	0	92	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0

STATION : 8914 D-47 LAT : 67.4 S LONG : 138.7 E ELEVATION : 1560 M

DEC 82

GMT	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	-24	0	0	X	-24	0	0	X	-24	36	93	X	-1	27	90	X	-1	27	90	1025	-3	0	0	X	-1	31	89
03	X	-23	36	98	X	X	X	X	X	X	X	X	X	-1	27	89	X	-1	27	89	X	X	X	X	X	-1	31	89
06	X	-23	36	90	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1038	-4	0	0	X	-1	30	90
09	X	-23	36	98	X	-23	36	90	1039	X	17	360	X	-1	27	90	1038	-1	27	90	1042	-4	0	0	X	-1	31	89
12	X	-24	36	90	X	-23	36	90	1040	X	18	360	X	-2	27	90	1034	-1	27	90	X	-4	0	0	X	-2	31	89
15	X	-23	36	90	443	-24	36	90	1043	X	18	360	X	-2	27	89	1031	-2	27	90	X	-3	0	0	X	-2	30	90
18	X	-23	36	90	X	-24	36	90	X	X	0	0	X	-1	27	89	1025	-1	27	89	X	0	31	90	X	-2	30	90
21	X	-24	36	90	X	-24	36	90	X	-1	0	0	X	-1	27	90	1023	-2	27	89	X	0	31	89	X	-1	31	89
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	-4	28	45	X	-5	28	45	X	-5	28	45	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	-4	28	45	X	-6	28	55	X	-6	28	55	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	-5	28	45	X	-5	28	45	X	-5	28	45	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	-5	28	55	X	-5	28	55	X	-5	28	45	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	-5	28	45	X	-5	28	55	X	-4	28	55	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	-5	28	55	X	-5	28	55	1043	-4	28	55	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-5	28	45	1040	-4	0	0	X	X	X	X
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	29			DAY	30			DAY	31																	
00	X	X	X	X	X	X	X	X	X	X	X	X																
03	X	X	X	X	X	X	X	X	X	X	X	X																
06	X	X	X	X	X	X	X	X	X	X	X	X																
09	X	X	X	X	X	X	X	X	X	X	X	X																
12	X	X	X	X	X	X	X	X	X	X	X	X																
15	X	X	X	X	X	X	X	X	X	X	X	X																
18	X	X	X	X	X	X	X	X	X	X	X	X																
21	X	X	X	X	X	X	X	X	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -7.6 STD DEV = 8.8 MAX = .8 AT 2315 GMT ON DAY 3 MIN = -23.6 AT 2143 GMT ON DAY 2
* PRESSURE (MB) * MEAN =1035.4 STD DEV = 6.9 MAX =1044.0 AT 2114 GMT ON DAY 3 MIN =****** AT 0 GMT ON DAY 0
* WINDS (M/S) * MEAN = 25.3 STD DEV = 11.1 RESULTANT = 23.4 FROM 76. CONSTANCY = .92 MAX = 36.6 FROM 101. AT 2223 GMT DAY 1
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 73.8 % PRESSURE: 94.8 % WINDS: 72.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	14	0	0	0	0	0	0	0	4	0	0	48	14	19	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	0	32	0	63	0	0	0	0	0	0	0	0	0	0	0

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	990	-5	5	180	999	-2	1	52	990	-2	3	360	987	-2	3	231	991	-5	1	183	992	-7	5	180	993	-5	0	0
03	991	-4	5	180	998	-2	1	359	988	-3	5	6	988	-6	7	225	990	-5	2	161	991	-7	4	179	993	0	0	0
06	993	-4	5	180	998	-2	3	360	987	-3	5	46	989	-6	6	204	990	-5	3	145	991	-7	5	189	993	-4	1	352
09	995	-5	4	180	997	-3	2	360	985	-4	3	90	990	-8	4	188	991	-7	3	141	991	-7	3	184	993	-6	1	360
12	996	-6	4	179	995	-6	3	360	985	-5	0	0	990	-8	3	180	991	-8	2	110	992	-7	1	180	993	-10	3	360
15	997	-6	2	188	994	-7	3	360	985	-9	3	353	991	-11	2	180	991	-8	3	141	992	-7	3	179	993	-12	2	360
18	998	-6	1	180	992	-7	3	360	985	-5	2	65	991	-10	1	141	991	-8	2	120	992	-7	2	189	993	-11	2	360
21	999	0	0	0	991	-5	5	360	985	-6	3	349	991	-7	0	0	992	-7	5	198	993	-7	2	176	993	-8	2	251
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	992	-5	1	251	985	-9	4	173	982	-3	0	0	986	-5	3	166	986	-7	4	180	984	-3	1	243	984	-6	3	218
03	991	-3	2	270	984	-8	6	180	981	-5	3	62	985	-5	4	212	985	-6	6	197	983	-5	3	309	983	-5	5	225
06	990	-4	2	270	984	-9	3	180	982	-4	0	0	985	-7	8	189	985	-6	4	188	983	-3	0	0	983	-4	7	225
09	989	-6	4	231	983	-7	0	0	983	-5	1	189	986	-7	3	161	985	-7	6	180	983	-4	1	176	984	-6	7	197
12	988	-8	4	188	982	-7	1	315	983	-5	2	180	985	-5	5	218	985	-7	5	180	983	-6	2	218	985	-6	6	219
15	987	-9	3	225	981	-8	2	8	983	-5	4	226	985	-8	7	217	984	-7	5	180	984	-7	2	225	985	-7	2	240
18	987	-9	6	225	981	-5	0	0	984	-6	4	180	985	-8	8	197	985	-7	3	195	984	-8	3	221	986	-7	3	270
21	986	-8	5	222	981	-5	1	101	985	-6	3	149	986	-7	5	180	985	-6	3	208	984	-7	3	225	986	-4	5	256
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	987	-4	3	243	987	-4	8	225	987	-4	3	342	995	-4	1	63	1004	-5	4	176	997	-3	2	6	987	-6	4	180
03	987	-3	5	255	987	-4	9	225	986	-4	3	360	996	-4	2	180	1004	-4	3	170	995	-3	2	360	987	-9	9	198
06	987	-4	5	225	987	-4	6	195	987	-3	3	360	998	-6	4	180	1003	-3	1	180	994	-3	1	360	987	-8	8	201
09	988	-5	6	243	987	-5	6	200	987	-6	2	32	999	-6	5	181	1002	-5	1	225	992	-6	2	45	988	-9	8	200
12	987	-4	8	243	987	-5	6	215	988	-9	3	10	1001	-7	5	191	1002	-5	1	246	991	-8	1	37	988	-10	8	180
15	987	-4	8	225	987	-6	5	225	990	-11	1	22	1002	-7	5	184	1000	-5	0	0	989	-8	1	58	988	-11	8	218
18	987	-4	7	224	986	-5	3	260	992	-5	0	0	1003	-7	4	180	1000	-7	1	21	988	-8	2	38	988	-10	7	215
21	988	-4	8	217	986	-5	2	325	993	-5	0	0	1004	-7	3	180	999	-3	1	360	988	-7	1	135	988	-8	6	221
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	989	-10	8	225	991	-9	6	225	X	X	X	X	982	-9	11	225	985	-6	2	300	991	-9	4	46	987	-12	7	203
03	989	-9	8	189	991	-7	6	225	985	-5	6	314	982	-9	9	225	986	-5	2	270	989	-8	3	90	988	-14	10	211
06	989	-10	7	186	990	-6	4	270	984	-6	5	242	983	-9	9	224	987	-6	2	225	988	-5	0	0	989	-11	12	225
09	989	-9	6	218	990	-7	3	262	984	-9	8	224	983	-9	6	225	989	-8	4	194	988	-13	2	243	990	-11	11	225
12	989	-9	4	246	990	-10	4	243	984	-12	6	225	983	-10	4	250	990	-9	3	195	988	-12	1	10	990	-12	12	225
15	990	-9	3	231	989	-10	3	314	984	-11	8	260	983	-10	2	225	991	-9	0	0	987	-8	0	0	991	-12	13	215
18	990	-8	4	225	988	-10	4	309	983	-10	11	225	984	-8	1	301	991	-9	1	270	987	-11	0	0	993	-11	9	210
21	990	-8	6	224	X	X	X	X	983	-10	8	225	984	-7	2	323	992	-10	2	143	987	-7	4	201	993	-11	12	225
		DAY	29			DAY	30			DAY	31																	
00	994	-10	12	225	997	-12	10	218	992	-9	8	204																
03	995	10	10	217	996	-10	9	218	991	-9	7	180																
06	995	10	9	210	995	-10	11	207	990	-9	6	205																
09	996	-11	9	206	994	-11	11	210	989	-10	5	193																
12	X	X	X	X	993	-12	9	206	989	-13	5	180																
15	996	-11	9	189	993	-13	9	180	988	-15	3	180																
18	997	-12	9	201	993	-12	7	201	986	-16	3	243																
21	997	-13	9	205	993	-10	8	198	986	-13	4	226																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -7.1 STD DEV = 2.8 MAX = 2.7 AT 355 GMT ON DAY 7 MIN = -16.4 AT 1733 GMT ON DAY 31
* PRESSURE (MB) * MEAN = 989.3 STD DEV = 5.0 MAX =1004.1 AT 2313 GMT ON DAY 18 MIN = 980.8 AT 1821 GMT ON DAY 9
* WINDS (M/S) * MEAN = 4.3 STD DEV = 3.0 RESULTANT = 3.1 FROM 212. CONSTANCY = .72 MAX = 13.6 FROM 217. AT 2136 GMT DAY 28
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: 1.2 % WINDS: 1.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	24	32	19	10	10	4	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	11	1	3	2	1	1	3	2	23	14	25	7	4	1	3	0

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	985	-10	5	225	983	-8	12	225	986	-6	7	225	988	-5	5	200	993	-5	1	259	994	-9	2	20	991	-4	3	45
03	984	-9	6	212	983	-8	13	225	986	-6	7	225	988	-5	3	198	993	-6	2	270	993	-8	5	44	990	-3	3	45
06	983	-10	5	225	983	-7	10	219	986	-6	4	225	988	-6	1	218	993	-5	1	280	993	-5	2	45	989	-3	4	44
09	984	-11	3	226	983	-7	12	218	986	-7	3	240	989	-7	2	205	993	-7	1	360	992	-5	4	45	989	-4	3	45
12	984	-10	6	225	984	-7	8	225	986	-9	4	232	989	-8	2	195	994	-12	2	6	992	-7	3	45	988	-7	3	90
15	984	-12	9	225	984	-7	8	225	986	-9	3	218	990	-9	0	0	993	-13	1	14	992	-6	3	63	987	-8	2	135
18	984	-11	10	225	985	-7	9	217	986	-8	6	225	991	-8	1	210	994	-13	3	360	991	-7	2	77	987	-9	4	146
21	984	-10	10	233	985	-6	8	225	987	-6	5	208	992	-7	2	161	994	-9	0	0	991	-6	3	45	987	-10	8	167
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	987	-10	10	180	989	-11	13	215	987	-12	15	225	991	-12	10	189	X	X	X	X	991	-13	1	70	988	-14	1	149
03	987	-9	8	180	989	-11	14	225	988	-11	14	214	992	-12	9	180	994	-11	1	243	990	-11	1	206	987	-13	2	145
06	987	-9	8	183	989	-11	14	206	987	-11	12	225	993	-12	6	191	993	-11	1	309	990	-10	0	0	987	-14	2	141
09	988	-12	8	180	989	-11	14	205	988	-11	14	211	993	-12	4	180	993	-15	2	328	990	-12	0	0	987	-13	1	141
12	988	-12	6	204	988	-11	12	218	988	-11	12	225	993	-14	3	218	992	-16	3	305	990	-17	0	0	987	-13	3	124
15	988	-11	10	180	988	-11	11	212	988	-12	13	225	X	X	X	X	991	-18	2	309	989	-18	2	113	988	-14	2	165
18	988	-12	12	207	988	-11	13	225	989	-12	12	210	X	X	X	X	991	-18	2	309	989	-19	1	22	989	-13	3	141
21	989	-12	13	225	988	-12	16	203	990	-13	13	200	994	-15	3	194	990	-17	1	121	988	-16	1	90	990	-13	2	189
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	991	-15	4	225	992	-18	1	233	988	-18	5	212	977	-16	4	225	976	-19	3	270	979	-18	3	180	983	-13	5	194
03	991	-15	5	211	992	-18	2	270	986	-16	2	218	977	-18	5	238	976	-14	3	290	980	-20	3	225	983	-14	1	180
06	991	-18	1	264	992	-17	4	246	984	-17	1	338	977	-19	3	180	975	-14	2	260	980	-16	7	225	982	-15	1	79
09	990	-18	3	206	991	-20	4	229	982	-22	3	339	977	-22	2	255	974	-13	4	260	980	-14	9	225	982	-20	2	24
12	991	-15	3	243	991	-20	6	225	980	-23	3	343	977	-25	2	270	974	-11	8	225	981	-15	10	200	981	-22	3	51
15	991	-20	4	181	991	-24	6	189	979	-25	2	330	977	-26	2	224	975	-13	6	206	982	-17	5	225	980	-22	2	18
18	992	-21	2	173	990	-25	4	218	978	-24	2	260	977	-25	2	189	976	-16	1	146	982	-13	7	225	980	-17	4	45
21	993	-21	1	206	989	-22	4	225	978	-19	3	219	976	-21	4	295	977	-17	2	90	983	-13	7	211	980	-15	3	45
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	979	-15	5	65	981	-16	7	204	981	-17	2	161	981	-17	10	180	986	-19	1	252	988	-19	4	218	987	-20	1	141
03	979	-15	5	59	980	-17	7	204	980	-18	3	122	981	-17	12	206	986	-19	1	201	988	-20	3	195	987	-21	1	180
06	979	-15	3	54	980	-16	7	225	980	-19	4	134	981	-17	12	207	986	-22	1	218	988	-19	2	189	987	-22	1	264
09	979	-15	3	170	981	-17	6	225	979	-20	5	141	981	-16	14	203	987	-23	2	207	987	-21	2	295	986	-22	0	0
12	979	-16	3	150	981	-17	4	218	980	-21	5	141	983	-17	11	206	987	-22	3	189	988	-24	2	233	986	-23	1	238
15	979	-17	3	180	981	-17	3	201	980	-20	7	180	984	-20	6	180	987	-22	2	173	987	-22	0	0	984	-26	1	206
18	980	-16	6	189	981	-17	0	0	980	-18	8	177	985	-23	3	197	987	-22	2	225	987	-21	1	161	983	-28	4	206
21	980	-16	6	180	981	-17	0	0	980	-18	9	190	985	-22	1	170	987	-20	4	233	987	-20	3	180	983	-27	3	186

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -14.5 STD DEV = 5.6 MAX = -3.1 AT 408 GMT ON DAY 7 MIN = -28.4 AT 1930 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 985.8 STD DEV = 5.0 MAX = 994.5 AT 2220 GMT ON DAY 11 MIN = 974.2 AT 947 GMT ON DAY 19
* WINDS (M/S) * MEAN = 4.7 STD DEV = 3.8 RESULTANT = 3.5 FROM 208. CONSTANCY = .74 MAX = 17.5 FROM 219. AT 2316 GMT DAY 1
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: 1.3 % WINDS: 1.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	29	31	12	10	6	4	8	1	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	2	6	2	2	1	6	3	16	18	27	4	5	1	2	2

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	987	-27	0	0	986	-25	4	195	974	-27	1	243	968	-26	3	270	975	-27	4	180	974	-27	4	180
03	983	-25	0	0	987	-26	1	251	985	-23	3	180	972	-28	2	274	968	-23	3	270	975	-27	2	180	974	-26	5	180
06	983	-25	3	231	987	-28	1	309	983	-25	2	180	971	-29	1	270	969	-24	2	193	975	-29	2	167	973	-25	5	180
09	984	-28	3	267	987	-29	2	315	982	-30	4	225	969	-31	1	309	969	-30	0	0	975	-29	2	180	972	-26	3	184
12	984	-25	4	264	987	-30	2	117	980	-31	3	239	969	-33	2	309	970	-29	2	231	975	-31	1	188	970	-29	3	180
15	984	-25	3	225	988	-30	1	65	979	-34	3	248	968	-34	3	288	971	-25	6	198	975	-32	3	180	968	-31	3	127
18	985	-30	3	180	987	-31	3	180	977	-37	1	225	968	-34	2	297	973	-29	4	200	975	-33	3	206	966	-34	4	161
21	986	-29	1	226	987	-26	4	180	976	-34	1	270	968	-30	3	309	973	-24	7	180	975	-30	3	186	965	-30	9	172
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	965	-27	12	189	972	-23	15	218	978	-28	0	0	975	-26	6	198	967	-25	22	224	976	-29	5	231	977	-33	1	27
03	965	-26	13	198	973	-22	17	225	978	-28	1	360	973	-24	9	221	972	-22	14	204	976	-28	4	232	977	-31	2	90
06	964	-27	19	225	975	-23	13	203	978	-27	2	90	973	-22	3	180	975	-22	15	198	975	-31	2	270	976	-33	3	65
09	966	-26	16	221	975	-24	6	180	978	-26	2	113	972	-21	5	225	977	-25	11	218	975	-32	1	309	975	-31	4	41
12	967	-24	17	225	976	-26	6	200	978	-26	3	117	971	-24	8	225	978	-30	8	206	976	-33	2	206	974	-27	6	45
15	967	-23	20	225	976	-30	3	180	977	-26	5	136	971	-26	11	242	977	-32	5	218	976	-34	1	270	972	-26	6	45
18	968	-23	15	224	976	-31	2	180	977	-28	4	180	969	-26	18	225	977	-34	4	251	977	-38	2	354	970	-20	7	55
21	971	-24	15	218	977	-31	2	59	977	-28	5	188	967	-26	21	225	977	-30	5	225	977	-30	0	0	970	-27	6	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	969	-27	12	205	982	-30	12	180	985	-33	4	218	992	-31	9	207	992	-35	2	207	985	-31	3	311	985	-29	3	360
03	969	-26	10	218	984	-33	12	197	985	-33	7	218	993	-30	8	180	990	-35	1	270	984	-29	1	343	986	-31	2	21
06	968	-26	17	208	986	-34	9	180	986	-38	4	204	994	-31	5	180	988	-36	3	270	984	-29	2	270	987	-34	0	0
09	969	-27	14	207	986	-35	6	166	987	-41	2	225	994	-32	3	188	987	-40	1	243	984	-30	0	0	989	-36	2	161
12	971	-28	16	200	986	-35	3	141	987	-38	3	187	994	-36	2	253	985	-34	8	197	984	-30	2	346	991	-33	4	170
15	973	-25	10	141	986	-38	1	243	988	-35	5	198	994	-36	2	243	985	-38	3	226	983	-30	2	360	992	-27	9	203
18	976	-26	11	180	986	-40	2	198	989	-34	6	188	994	-34	1	231	985	-37	2	225	983	-32	3	360	994	-29	9	219
21	980	-29	10	197	986	-37	1	219	990	-31	8	198	993	-34	0	0	985	-33	0	0	984	-30	3	360	995	-28	10	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	995	-30	8	225	979	-32	1	349	969	-24	3	142	969	-35	0	0	968	-38	0	0	X	X	X	X	X	X	X	X
03	994	-30	5	205	977	-32	0	0	970	-24	3	149	972	-33	3	215	966	-37	4	360	X	X	X	X	X	X	X	X
06	993	-31	4	208	977	-36	0	0	970	-24	4	180	972	-31	9	225	965	-39	1	314	X	X	X	X	X	X	X	X
09	990	-35	1	330	976	-38	0	0	970	-30	3	187	973	-30	9	212	964	-41	1	12	X	X	X	X	X	X	X	X
12	988	-36	4	309	975	-33	0	0	969	-35	2	225	974	-34	10	206	964	-41	1	59	X	X	X	X	X	X	X	X
15	985	-35	3	360	973	-34	0	0	967	-35	0	0	974	-38	5	218	X	X	X	X	X	X	X	X	X	X	X	X
18	982	-35	3	353	971	-27	0	0	967	-32	0	0	973	-40	3	229	X	X	X	X	X	X	X	X	X	X	X	X
21	980	-32	2	339	970	-26	0	0	967	-32	0	0	971	-41	1	260	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	29			DAY	30			DAY	31																	
00	X	X	X	X	X	X	X	X	X	X	X	X																
03	X	X	X	X	X	X	X	X	X	X	X	X																
06	X	X	X	X	X	X	X	X	X	X	X	X																
09	X	X	X	X	X	X	X	X	X	X	X	X																
12	X	X	X	X	X	X	X	X	X	X	X	X																
15	X	X	X	X	X	X	X	X	X	X	X	X																
18	X	X	X	X	X	X	X	X	X	X	X	X																
21	X	X	X	X	X	X	X	X	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -30.1 STD DEV = 4.6 MAX = -18.6 AT 1932 GMT ON DAY 14 MIN = -42.6 AT 1129 GMT ON DAY 26
* PRESSURE (MB) * MEAN = 977.9 STD DEV = 8.2 MAX = 995.4 AT 2249 GMT ON DAY 21 MIN = 963.7 AT 1209 GMT ON DAY 26
* WINDS (M/S) * MEAN = 4.8 STD DEV = 4.7 RESULTANT = 3.6 FROM 209. CONSTANCY = .75 MAX = 22.6 FROM 222. AT 2326 GMT DAY 11
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 17.7 % PRESSURE: 17.7 % WINDS: 17.7 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	31	32	12	6	6	5	1	3	2	1	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	2	2	2	1	2	3	3	20	17	23	5	7	1	5	2

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	X	X	X	X	985	-40	0	0	990	-37	0	0	989	-37	6	187	985	-36	0	0	987	-43	2	180
03	X	X	X	X	X	X	X	X	986	-36	2	270	990	-34	3	225	989	-36	5	180	984	-36	2	93	987	-41	0	0
06	X	X	X	X	X	X	X	X	987	-34	3	225	990	-37	2	217	988	-36	4	180	985	-36	3	161	987	-46	1	270
09	X	X	X	X	X	X	X	X	987	-34	4	225	990	-38	3	225	988	-39	3	208	985	-38	2	141	987	-46	0	0
12	X	X	X	X	X	X	X	X	988	-36	1	236	990	-41	4	194	986	-42	2	177	985	-40	2	167	986	-45	1	22
15	X	X	X	X	X	X	X	X	988	-38	3	309	989	-39	4	218	986	-43	0	0	985	-39	2	211	985	-45	3	58
18	X	X	X	X	X	X	X	X	989	-39	0	0	990	-38	6	225	985	-42	0	0	985	-39	3	225	984	-45	2	44
21	X	X	X	X	985	-43	0	0	989	-40	0	0	989	-35	10	215	984	-39	1	90	986	-41	2	198	984	-45	6	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	984	-39	8	206	982	-39	12	180	959	-45	0	0	960	-44	0	0	965	-41	0	0	973	-41	0	0	977	-32	0	0
03	986	-37	13	194	979	-36	13	218	957	-44	0	0	960	-47	0	0	966	-42	0	0	975	-38	0	0	976	-28	9	225
06	987	-40	9	207	976	-36	14	211	956	-47	1	135	960	-48	0	0	967	-42	0	0	976	-37	0	0	976	-28	13	225
09	988	-41	9	225	974	-39	8	180	955	-48	3	93	959	-45	0	0	968	-42	0	0	976	-37	0	0	977	-29	9	225
12	988	-42	10	180	970	-41	4	225	956	-45	4	101	960	-42	0	0	970	-44	0	0	977	-39	0	0	977	-29	10	212
15	987	-43	11	198	967	-42	2	225	957	-45	2	104	961	-39	0	0	971	-42	0	0	977	-41	0	0	976	-29	7	198
18	986	-41	13	214	964	-39	0	0	958	-47	0	0	963	-36	0	0	970	-36	0	0	976	-38	0	0	975	-28	11	243
21	985	-42	10	194	961	-45	0	0	959	-50	0	0	964	-34	0	0	971	-39	0	0	976	-34	0	0	980	-37	11	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	982	-40	8	204	986	-33	6	180	973	-19	13	225	968	-36	12	180	978	-26	2	180	992	-31	7	180	984	-31	1	339
03	980	-31	10	197	985	-38	4	188	968	-18	15	225	973	-32	15	180	980	-25	1	143	991	-32	4	197	983	-29	3	315
06	983	-32	8	189	983	-33	3	231	964	-17	18	221	975	-31	11	203	982	-26	3	270	991	-32	3	180	983	-31	1	301
09	983	-30	7	189	984	-36	6	180	962	-17	15	214	976	-32	4	200	984	-27	3	207	990	-34	0	0	983	-28	0	0
12	985	-34	4	208	985	-40	2	201	961	-14	15	218	976	-33	1	124	986	-30	5	180	988	-37	3	336	983	-24	1	150
15	984	-29	7	210	983	-38	0	0	961	-13	13	225	976	-32	2	349	988	-31	5	215	987	-34	2	360	982	-29	1	90
18	985	-30	5	180	979	-30	7	222	961	-12	13	197	977	-29	3	360	990	-32	6	206	985	-34	3	360	983	-29	0	0
21	987	-37	7	189	976	-22	9	225	963	-14	10	206	977	-26	2	305	991	-31	8	189	984	-31	3	360	984	-33	1	177
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	986	-30	2	214	990	-31	5	240	987	-42	2	270	984	-39	4	225	984	-44	1	270	980	-37	7	203	979	-42	3	225
03	987	-29	5	225	990	-33	7	236	986	-40	2	278	983	-37	6	221	984	-43	1	315	981	-40	6	180	978	-41	4	207
06	989	-33	6	198	990	-35	7	225	985	-41	2	218	982	-39	5	211	984	-42	2	281	982	-39	3	225	978	-37	6	189
09	989	-35	3	195	990	-36	5	225	985	-42	2	180	982	-41	3	231	984	-41	0	0	982	-39	4	194	977	-38	5	197
12	990	-36	3	218	990	-35	4	214	985	-43	2	218	982	-36	3	231	982	-38	2	270	982	-42	3	200	977	-39	3	225
15	990	-38	4	184	989	-34	6	198	984	-43	2	188	983	-41	4	225	982	-34	5	225	981	-44	0	0	975	-41	3	239
18	990	-38	1	260	989	-36	2	189	984	-42	3	173	984	-42	1	221	981	-33	5	218	981	-44	2	225	974	-38	3	225
21	990	-36	4	225	988	-39	2	225	984	-43	1	231	984	-44	2	246	980	-34	6	240	981	-43	2	262	973	-36	4	225
		DAY	29			DAY	30																					
00	972	-35	5	225	966	-22	10	208																				
03	970	-34	5	225	967	-25	7	218																				
06	969	-38	4	273	967	-21	7	180																				
09	968	-28	7	225	969	-23	7	205																				
12	966	-26	10	225	971	-24	7	189																				
15	966	-26	10	225	972	-24	14	207																				
18	965	-23	9	225	976	-36	10	180																				
21	964	-21	13	222	978	-39	8	208																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.8 STD DEV = 7.1 MAX = -11.7 AT 1710 GMT ON DAY 17 MIN = -50.6 AT 2143 GMT ON DAY 10
* PRESSURE (MB) * MEAN = 979.2 STD DEV = 9.4 MAX = 992.1 AT 5 GMT ON DAY 20 MIN = 955.2 AT 1022 GMT ON DAY 10
* WINDS (M/S) * MEAN = 4.3 STD DEV = 4.0 RESULTANT = 3.7 FROM 209. CONSTANCY = .86 MAX = 19.9 FROM 207. AT 1049 GMT DAY 17
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 6.3 % PRESSURE: 6.3 % WINDS: 6.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	35	24	13	12	6	4	4	3	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	1	1	1	3	1	2	2	20	21	35	3	6	1	2	1

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	977	-34	11	218	982	-42	3	212	982	-32	3	260	959	-33	0	0	965	-28	16	218	970	-36	6	225	972	-43	0	0
03	976	-32	14	208	983	-42	5	197	980	-35	3	262	958	-32	0	0	967	-30	12	225	970	-38	4	225	971	-42	0	0
06	978	-31	11	218	983	-43	4	189	975	-36	3	280	958	-30	0	0	967	-31	13	212	971	-37	3	225	969	-40	0	0
09	979	-32	9	206	984	-43	3	225	970	-29	6	270	960	-27	0	0	967	-31	11	208	971	-39	3	249	967	-42	0	0
12	979	-34	6	211	984	-43	1	207	963	-28	3	280	957	-25	19	225	968	-33	8	214	972	-34	3	218	964	-40	0	0
15	980	-39	4	215	985	-40	4	252	960	-29	0	0	954	-24	19	225	968	-35	7	218	972	-40	0	0	964	-38	0	0
18	980	-42	3	225	985	-36	4	225	960	-26	0	0	958	-26	16	208	970	-38	10	225	973	-42	0	0	965	-37	0	0
21	981	-42	4	189	986	-37	5	225	960	-28	0	0	962	-27	21	201	970	-36	10	222	973	-42	0	0	964	-37	5	270
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	966	-33	12	214	970	-34	3	276	976	-34	6	184	990	-34	3	193	991	-33	1	309	990	-43	0	0	996	-35	8	198
03	969	-36	11	225	969	-23	8	225	978	-34	6	205	991	-36	2	271	990	-37	1	260	991	-45	0	0	997	-39	5	189
06	970	-34	8	215	968	-23	11	225	981	-30	8	180	990	-36	3	189	990	-38	3	287	991	-45	0	0	998	-40	6	180
09	971	-36	5	180	968	-24	11	217	983	-30	6	180	991	-37	3	189	989	-41	1	210	993	-44	0	0	999	-42	4	191
12	972	-40	1	180	968	-20	11	203	986	-33	4	177	992	-38	2	243	989	-38	0	0	993	-39	0	0	999	-46	3	195
15	972	-38	3	225	968	-20	14	207	987	-31	9	200	992	-38	3	217	988	-36	0	0	994	-38	0	0	999	-48	2	180
18	972	-35	3	231	968	-22	13	225	989	-29	7	180	992	-36	1	256	988	-40	0	0	995	-36	0	0	999	-48	1	280
21	972	-39	2	318	972	-27	9	180	989	-32	6	180	991	-33	0	0	989	-43	0	0	996	-35	0	0	998	-48	2	257
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	998	-48	1	309	989	-42	0	0	989	-35	0	0	1001	-37	0	0	997	-31	0	0	983	-23	13	225	977	-17	7	225
03	997	-48	2	322	988	-45	0	0	990	-34	0	0	1002	-37	0	0	996	-29	12	198	981	-23	12	205	978	-19	3	80
06	996	-47	1	280	988	-40	0	0	992	-32	0	0	1004	-37	0	0	994	-28	12	218	978	-21	15	225	980	-23	3	105
09	994	-47	0	0	988	-45	0	0	994	-34	0	0	1004	-37	0	0	992	-26	13	225	977	-19	18	225	982	-23	6	156
12	993	-46	0	0	988	-45	0	0	996	-33	0	0	1005	-35	0	0	992	-26	9	201	976	-17	17	225	984	-25	4	141
15	992	-45	0	0	988	-46	0	0	997	-34	0	0	1003	-35	0	0	989	-27	9	207	975	-18	18	218	984	-30	3	135
18	991	-44	0	0	988	-40	0	0	998	-37	0	0	1001	-39	0	0	988	-24	13	180	973	-16	18	221	984	-32	1	62
21	990	-44	0	0	988	-37	0	0	1000	-33	0	0	1000	-35	0	0	985	-25	12	225	974	-16	15	225	984	-31	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	984	-33	2	292	991	-39	0	0	996	-34	0	0	1004	-39	2	218	1001	-34	7	161	1000	-43	1	256	988	-39	1	8
03	985	-28	1	225	991	-36	0	0	996	-32	0	0	1005	-41	2	270	1002	-34	7	180	998	-42	2	214	989	-39	2	111
06	985	-32	0	0	992	-31	0	0	997	-31	0	0	1006	-41	2	305	1003	-35	7	180	996	-44	2	135	989	-35	1	79
09	986	-35	4	309	992	-34	0	0	998	-32	6	225	1005	-39	2	309	1003	-38	5	217	993	-47	1	280	990	-32	2	126
12	988	-35	2	276	994	-41	0	0	999	-34	6	221	1004	-37	1	18	1003	-40	6	218	992	-46	0	0	991	-31	2	101
15	990	-37	0	0	995	-38	0	0	1001	-35	6	225	1003	-35	4	45	1003	-43	2	221	991	-43	2	118	992	-32	1	73
18	991	-33	0	0	996	-31	0	0	1002	-35	6	181	1001	-35	5	90	1002	-39	5	206	990	-47	1	22	993	-33	0	0
21	991	-37	0	0	997	-35	0	0	1003	-38	3	225	1001	-34	5	153	1001	-41	1	276	988	-44	3	360	994	-33	0	0
		DAY	29			DAY	30			DAY	31																	
00	995	-36	0	0	997	-34	1	339	988	-33	0	0																
03	995	-35	1	132	996	-37	2	360	987	-32	1	101																
06	995	-33	2	115	995	-38	1	18	987	-33	0	0																
09	997	-33	1	304	994	-37	1	20	987	-35	0	0																
12	997	-33	1	330	993	-39	1	69	986	-40	2	240																
15	997	-33	0	0	991	-35	0	0	985	-41	5	225																
18	998	-34	0	0	990	-35	1	101	985	-40	7	225																
21	997	-35	2	342	989	-34	0	0	985	-40	6	236																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.1 STD DEV = 6.6 MAX = -14.9 AT 1920 GMT ON DAY 20 MIN = -49.0 AT 2016 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 986.0 STD DEV = 12.2 MAX =1005.8 AT 621 GMT ON DAY 25 MIN = 954.4 AT 1501 GMT ON DAY 4
* WINDS (M/S) * MEAN = 3.8 STD DEV = 4.7 RESULTANT = 3.1 FROM 214. CONSTANCY = .81 MAX = 23.3 FROM 218. AT 1411 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	50	19	9	6	4	4	3	2	2	1	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	2	1	2	4	2	3	2	13	14	33	4	9	1	5	2

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	984	-40	7	225	980	-36	3	231	979	-38	4	183	973	-28	12	198	979	-25	9	200	988	-32	8	180	984	-38	1	309
03	983	-37	8	225	979	-32	6	225	980	-42	7	180	974	-31	9	190	980	-25	10	211	989	-38	5	188	985	-38	2	311
06	983	-42	2	270	981	-39	5	207	979	-43	4	180	974	-28	9	225	981	-25	11	225	989	-41	5	180	987	-35	0	0
09	982	-41	0	0	980	-40	1	225	977	-41	4	222	975	-25	10	198	982	-25	13	225	988	-39	4	180	988	-35	3	301
12	981	-43	1	309	981	-42	2	177	975	-30	8	218	977	-28	8	193	982	-23	15	207	988	-36	1	270	989	-31	11	225
15	981	-45	3	309	981	-46	2	218	973	-27	9	208	979	-31	10	187	983	-25	13	214	987	-38	2	277	991	-33	11	206
18	980	-44	2	301	981	-45	3	205	973	-28	13	225	979	-31	5	225	986	-34	12	198	985	-36	3	311	992	-32	9	204
21	980	-37	3	270	980	-42	0	0	971	-24	15	195	980	-26	12	225	988	-29	9	218	984	-40	2	309	990	-33	5	203
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	988	-30	7	225	977	-16	19	221	980	-16	11	225	993	-23	7	195	995	-25	9	189	985	-38	0	0	974	-38	6	238
03	985	-24	12	225	975	-15	16	225	979	-15	12	225	996	-24	5	189	994	-27	9	180	982	-37	0	0	975	-36	7	229
06	983	-21	12	212	976	-15	14	225	978	-16	12	225	997	-26	4	205	993	-26	9	180	978	-33	5	346	978	-36	6	231
09	982	-21	14	207	975	-14	15	215	978	-15	13	225	997	-21	4	180	992	-25	6	174	975	-33	6	180	978	-37	11	225
12	980	-22	13	225	975	-14	15	210	977	-15	15	219	998	-23	1	249	991	-30	2	243	974	-35	8	222	980	-35	16	225
15	980	-23	13	206	977	-15	9	190	979	-15	14	225	997	-25	2	189	988	-34	1	221	973	-36	8	225	981	-34	19	214
18	979	-20	14	225	979	-18	8	198	983	-19	10	188	996	-25	5	225	988	-35	1	243	973	-38	5	251	985	-34	17	221
21	978	-19	14	225	980	-18	9	218	988	-23	10	180	996	-23	10	215	986	-36	3	259	974	-38	5	225	987	-35	17	225
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	990	-36	14	225	990	-45	0	0	985	-39	1	231	965	-31	11	149	981	-44	3	224	981	-39	6	167	985	-43	8	225
03	992	-36	15	200	990	-42	3	218	982	-38	X	0	968	-35	8	170	981	-46	1	309	980	-38	7	180	983	-45	2	231
06	993	-37	8	188	990	-39	0	0	979	-40	X	0	969	-41	5	180	982	-47	0	0	981	-41	5	180	980	-46	2	69
09	994	-40	3	225	990	-43	2	224	977	-43	X	0	969	-38	14	201	982	-47	0	0	981	-41	8	188	975	-47	3	46
12	993	-40	3	218	989	-46	2	270	974	-42	X	0	972	-37	15	205	981	-47	0	0	980	-40	10	206	972	-49	2	162
15	992	-44	2	270	989	-43	1	243	971	-42	X	0	975	-38	13	214	981	-45	3	270	983	-42	5	235	970	-51	3	177
18	991	-43	6	240	989	-43	1	179	968	-38	X	0	978	-38	10	218	980	-41	6	128	984	-42	12	225	971	-47	6	161
21	991	-45	2	280	987	-38	2	198	966	-38	9	179	980	-42	6	225	979	-39	4	141	985	-43	13	239	972	-44	5	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	974	-48	2	193	981	-44	8	218	973	-53	2	330	960	-42	3	243	970	-35	X	X	982	-36	X	0	979	-35	12	197
03	976	-44	10	204	981	-47	4	271	971	-51	1	312	963	-47	2	225	969	-26	X	X	984	-37	X	0	976	-32	12	225
06	980	-46	12	225	981	-45	5	215	967	-50	3	354	965	-50	5	228	970	-23	X	X	985	-39	X	0	974	-31	9	218
09	981	-44	14	225	980	-46	2	198	964	-46	3	360	968	-51	3	222	973	-28	X	X	985	-36	X	0	972	-29	12	198
12	982	-43	12	217	979	-47	2	135	962	-47	1	54	968	-47	2	206	974	-30	X	X	984	-31	X	0	970	-32	6	225
15	982	-43	14	219	979	-51	2	124	960	-44	2	360	967	-42	X	0	977	-34	X	X	983	-32	11	218	967	-37	3	267
18	982	-43	11	212	977	-53	2	18	959	-44	0	0	969	-42	X	0	979	-34	X	X	982	-33	11	190	965	-35	2	210
21	981	-43	12	225	976	-53	2	360	960	-42	0	0	970	-39	X	0	981	-35	X	X	981	-33	12	206	965	-41	3	342
		DAY	29			DAY	30																					
00	965	-39	1	360	969	-25	9	201																				
03	967	X	0	0	968	-25	14	214																				
06	967	-34	9	225	968	-25	17	225																				
09	967	-32	8	214	970	-26	14	225																				
12	967	-29	9	225	973	-27	11	211																				
15	967	-25	10	225	975	-28	13	212																				
18	967	-26	6	225	976	-30	14	218																				
21	967	-23	12	225	977	-33	12	225																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.1 STD DEV = 9.1 MAX = -12.6 AT 1128 GMT ON DAY 9 MIN = -53.7 AT 2333 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 979.3 STD DEV = 8.2 MAX = 998.0 AT 1143 GMT ON DAY 11 MIN = 958.9 AT 1655 GMT ON DAY 24
* WINDS (M/S) * MEAN = 7.1 STD DEV = 4.8 RESULTANT = 6.3 FROM 214. CONSTANCY = .89 MAX = 23.8 FROM 224. AT 1440 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: 9.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	19	17	13	7	15	9	11	7	1	1	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	0	1	0	0	0	2	2	16	19	41	4	5	1	4	1

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	976	-31	12	225	977	-41	5	225	984	-30	13	225	994	-29	9	225	986	-36	1	309	986	-31	3	146	999	-37	0	0
03	975	-31	14	222	978	-41	5	277	984	-28	15	225	993	-27	10	225	981	-34	0	0	989	-32	0	0	999	-34	0	0
06	975	-34	10	225	979	-36	8	246	985	-26	17	224	993	-25	13	222	973	-32	5	324	992	-35	0	0	998	-33	0	0
09	976	-36	8	260	979	-28	13	225	986	-28	16	211	995	-25	14	214	968	-34	0	0	994	-33	0	0	998	-36	0	0
12	975	-38	6	225	980	-29	9	225	988	-30	13	225	995	-26	11	215	972	-27	9	195	997	-34	0	0	996	-36	0	0
15	975	-41	3	221	980	-30	13	218	990	-30	10	225	994	-26	10	225	975	-32	13	200	998	-35	0	0	994	-34	0	0
18	976	-39	4	245	981	-30	13	214	991	-34	7	225	992	-31	4	243	979	-31	9	180	999	-35	0	0	992	-37	0	0
21	977	-42	3	218	983	-32	9	225	993	-32	7	228	989	-31	4	218	983	-30	6	161	1000	-38	0	0	990	-38	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	988	-38	0	0	986	-36	12	222	974	-46	2	360	988	-43	0	0	994	-39	0	0	1004	-32	11	208	1014	-45	0	0
03	986	-38	0	0	985	-36	10	224	974	-45	0	0	989	-42	0	0	995	-40	0	0	1005	-34	8	225	1015	-45	1	63
06	984	-44	0	0	984	-39	8	225	974	-45	0	0	990	-45	0	0	997	-39	0	0	1007	-37	5	225	1017	-42	2	153
09	983	-42	0	0	982	-39	4	225	976	-47	0	0	991	-43	0	0	998	-39	0	0	1008	-39	3	233	1019	-41	1	141
12	982	-44	0	0	980	-41	4	218	979	-47	0	0	992	-41	0	0	998	-39	0	0	1009	-42	0	0	1020	-39	0	0
15	983	-39	0	0	977	-42	2	211	981	-48	0	0	992	-38	0	0	998	-29	2	225	1010	-41	4	342	1020	-38	1	180
18	984	-39	8	218	976	-43	1	347	984	-48	0	0	992	-39	0	0	1000	-31	11	225	1011	-42	0	0	1020	-37	1	158
21	986	-39	9	225	974	-48	2	360	986	-49	0	0	993	-38	0	0	1002	-33	9	215	1012	-44	0	0	1021	-37	4	198
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1021	-43	4	225	1018	-46	0	0	1001	-48	2	76	1004	-52	0	0	1004	-54	0	0	993	-51	0	0	979	X	0	0
03	1021	-41	5	206	1017	-41	1	301	1000	-48	1	83	1004	-53	0	0	1003	-54	0	0	991	-53	0	0	979	-52	0	0
06	1021	-45	3	256	1016	-44	3	12	1000	-49	0	0	1004	-53	0	0	1001	-53	0	0	989	-51	0	0	979	-52	0	0
09	1021	-42	6	225	1014	-46	2	338	999	-46	0	0	1004	-54	0	0	1000	-53	0	0	986	-52	0	0	979	-50	0	0
12	1021	-43	5	201	1011	-45	3	349	1000	-43	0	0	1005	-53	0	0	998	-54	0	0	984	-44	0	0	980	-51	0	0
15	1021	-48	2	270	1008	-47	3	359	1002	-46	0	0	1005	-52	0	0	998	-55	0	0	982	-45	0	0	980	-50	0	0
18	1020	-46	3	231	1005	-45	3	360	1003	-50	0	0	1005	-52	0	0	996	-52	0	0	981	-49	0	0	980	-53	0	0
21	1019	-46	3	281	1002	-43	2	360	1003	-50	0	0	1005	-51	0	0	995	-47	0	0	980	-44	0	0	980	-53	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	980	-52	0	0	986	-34	0	0	990	-42	0	0	983	-45	0	0	970	-34	0	0	964	-32	0	0	967	-28	0	0
03	980	-52	0	0	986	-33	0	0	991	-44	0	0	981	-38	0	0	968	-33	0	0	964	-30	0	0	969	-30	0	0
06	981	-49	0	0	986	-38	0	0	991	-43	0	0	979	-35	0	0	968	-35	0	0	963	-28	0	0	972	-35	0	0
09	982	-50	0	0	986	-36	0	0	991	-44	0	0	977	-31	0	0	967	-33	0	0	963	-28	0	0	974	-38	0	0
12	983	-47	0	0	986	-38	0	0	990	-45	0	0	976	-29	0	0	966	-34	0	0	963	-30	0	0	975	-42	0	0
15	984	-47	0	0	987	-39	0	0	989	-48	0	0	974	-29	0	0	966	-33	0	0	965	-30	0	0	976	-41	0	0
18	984	-38	0	0	988	-39	0	0	988	-46	0	0	972	-34	0	0	965	-33	0	0	966	-31	0	0	976	-39	0	0
21	985	-34	0	0	989	-36	0	0	985	-47	0	0	971	-35	0	0	965	-35	0	0	967	-31	0	0	978	-38	0	0
		DAY	29			DAY	30			DAY	31																	
00	979	-37	0	0	978	-27	14	197	981	-33	9	207																
03	979	-35	0	0	978	-26	16	198	980	-36	6	225																
06	978	-33	0	0	980	-29	10	218	980	-38	3	260																
09	977	-29	12	217	979	-30	6	194	979	-39	4	251																
12	978	-29	9	198	979	-31	6	214	979	-39	3	186																
15	977	-29	11	218	978	-32	7	273	978	-43	2	206																
18	977	-28	13	198	978	-31	6	180	977	-41	1	291																
21	976	-27	17	205	978	-30	9	198	976	-43	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -39.1 STD DEV = 7.7 MAX = -24.5 AT 131 GMT ON DAY 30 MIN = -54.7 AT 1245 GMT ON DAY 19
* PRESSURE (MB) * MEAN = 988.3 STD DEV = 14.2 MAX =1021.2 AT 605 GMT ON DAY 15 MIN = 962.0 AT 705 GMT ON DAY 27
* WINDS (M/S) * MEAN = 2.9 STD DEV = 4.4 RESULTANT = 2.4 FROM 220. CONSTANCY = .84 MAX = 18.4 FROM 208. AT 736 GMT DAY 3
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	65	10	5	4	6	3	5	2	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	6	1	0	2	1	0	2	3	4	17	47	5	6	2	2	3

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	976	-36	0	0	982	-42	3	231	984	-47	13	189	963	-25	17	212	962	-27	12	180	966	-26	16	225	964	-24	11	225
03	977	-39	0	0	982	-42	4	225	982	-43	13	207	963	-26	13	208	962	-27	14	204	966	-27	18	225	962	-22	12	225
06	977	-36	0	0	982	-46	4	180	980	-41	13	225	962	-28	13	200	962	-29	9	200	966	-26	22	218	961	-21	15	221
09	978	-34	9	225	983	-46	9	200	976	-39	17	225	962	-26	13	225	962	-28	12	225	967	-26	18	217	962	-22	13	204
12	979	-37	7	210	984	-47	7	189	972	-32	15	214	961	-26	13	198	962	-27	13	206	967	-26	15	225	965	-27	12	186
15	980	-40	1	251	984	-47	10	208	969	-31	15	225	960	-26	14	205	964	-25	14	198	967	-25	14	225	968	-31	13	198
18	979	-41	4	309	985	-47	7	180	966	-27	19	225	960	-27	13	194	965	-24	16	190	966	-24	15	207	971	-29	11	225
21	980	-39	4	253	984	-48	12	194	964	-26	17	225	961	-28	12	180	964	-25	16	189	965	-24	11	214	971	-27	9	204
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	968	-22	12	225	982	-31	10	203	977	-22	13	210	961	-18	20	225	967	-20	15	218	971	-22	8	180	982	-21	8	225
03	969	-22	6	180	984	-33	11	203	975	-20	13	225	959	-16	16	210	965	-20	11	218	974	-21	12	188	981	-24	8	186
06	970	-30	5	198	984	-33	11	225	972	-20	16	219	962	-18	11	180	964	-23	7	225	977	-21	9	180	980	-29	4	222
09	972	-34	5	200	984	-31	9	189	972	-22	12	225	965	-21	10	190	963	-21	14	225	980	-20	9	189	979	-29	7	231
12	974	-37	4	205	984	-29	11	205	971	-21	13	218	967	-21	10	212	964	-20	16	235	981	-21	9	225	977	-28	9	225
15	976	-39	3	198	982	-25	14	225	970	-27	11	207	967	-20	11	212	963	-18	20	228	983	-20	10	210	976	-26	13	225
18	979	-38	4	180	979	-22	15	215	969	-24	14	225	968	-21	13	225	964	-17	15	225	984	-21	10	198	974	-26	15	217
21	981	-38	3	180	978	-23	14	225	964	-19	18	217	967	-18	13	225	966	-19	15	189	983	-21	10	225	973	-27	12	225
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	972	-27	8	225	957	-26	0	0	964	-26	0	0	978	-27	16	201	985	-31	9	225	979	-38	3	242	981	-41	0	0
03	969	-27	5	225	957	-30	0	0	966	-23	0	0	979	-30	10	198	985	-32	9	224	977	-39	3	177	984	-44	0	0
06	967	-29	1	195	958	-28	0	0	967	-26	14	225	981	-31	8	206	986	-35	4	206	977	-40	0	0	987	-37	0	0
09	963	-30	0	0	959	-30	0	0	971	-26	12	225	982	-35	6	225	985	-34	7	210	976	-40	0	0	989	-37	0	0
12	961	-31	0	0	960	-28	0	0	973	-27	13	203	983	-36	4	218	984	-35	4	251	976	-39	0	0	991	-40	0	0
15	959	-29	3	90	961	-28	0	0	974	-25	11	201	983	-33	6	206	982	-35	4	239	975	-37	0	0	992	-40	0	0
18	957	-27	1	90	962	-29	0	0	975	-26	10	206	984	-32	5	225	981	-37	5	260	976	-35	0	0	991	-38	12	211
21	957	-27	2	103	964	-28	0	0	977	-26	11	180	984	-30	10	224	979	-36	6	225	978	-36	0	0	991	-38	11	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	989	-35	9	189	980	-44	0	0	976	-45	0	0	984	-47	0	0	966	-32	14	218	967	-39	1	290	965	-23	13	225
03	988	-37	6	188	980	-46	0	0	976	-45	0	0	982	-51	15	225	965	-32	12	224	967	-40	0	0	965	-24	13	197
06	985	-40	0	0	980	-47	0	0	977	-49	0	0	981	-51	14	225	965	-32	11	225	967	-34	0	0	967	-26	9	180
09	983	-43	1	309	979	-44	0	0	978	-49	0	0	980	-48	14	217	965	-32	8	225	966	-28	0	0	967	-26	9	180
12	980	-42	4	22	979	-48	0	0	979	-48	0	0	977	-44	15	214	965	-30	14	232	965	-21	11	225	969	-26	7	184
15	979	-42	4	12	978	-49	0	0	981	-47	0	0	974	-40	15	206	966	-34	4	231	964	-20	15	218	971	-26	6	180
18	980	-43	2	30	977	-49	0	0	982	-50	0	0	971	-35	13	225	966	-39	0	0	964	-21	15	225	972	-26	5	180
21	981	-42	2	141	977	-49	0	0	983	-49	0	0	968	-34	13	225	967	-42	1	309	965	-21	13	217	975	-26	7	198
		DAY	29			DAY	30			DAY	31																	
00	977	-26	7	207	987	-29	0	0	991	-41	0	0																
03	979	-27	8	225	987	-32	0	0	992	-36	4	180																
06	980	-29	9	195	988	-35	1	294	992	-33	6	179																
09	981	-30	6	218	989	-36	2	309	993	-32	4	180																
12	982	-30	7	201	989	-40	0	0	994	-32	4	180																
15	984	-29	3	205	990	-41	2	27	995	-34	2	180																
18	984	-28	2	134	990	-41	0	0	995	-36	2	215																
21	986	-28	0	0	991	-42	1	45	995	-35	2	231																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -31.7 STD DEV = 8.5 MAX = -15.9 AT 210 GMT ON DAY 11 MIN = -51.7 AT 2314 GMT ON DAY 24
* PRESSURE (MB) * MEAN = 974.5 STD DEV = 9.4 MAX = 995.5 AT 2211 GMT ON DAY 31 MIN = 956.8 AT 2102 GMT ON DAY 15
* WINDS (M/S) * MEAN = 7.6 STD DEV = 5.9 RESULTANT = 7.2 FROM 212. CONSTANCY = .93 MAX = 22.2 FROM 218. AT 549 GMT DAY 6
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	28	7	8	5	11	10	14	11	2	2	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	2	1	0	1	1	1	0	18	26	44	3	1	1	2	0

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	992	-45	1	163	996	-41	0	0	998	-36	0	0	990	-43	5	198	977	-51	0	0	970	-33	15	217
03	995	-35	1	251	992	-47	0	0	997	-42	0	0	997	-37	0	0	988	-45	4	173	975	-48	0	0	970	-32	13	225
06	995	-34	3	238	991	-46	0	0	998	-42	0	0	996	-37	9	198	986	-47	0	0	975	-45	0	0	970	-29	10	226
09	994	-35	5	228	991	-43	0	0	1000	-40	0	0	994	-38	12	225	984	-47	0	0	975	-47	13	225	970	-28	9	225
12	993	-38	5	218	991	-47	0	0	1000	-45	0	0	993	-39	12	225	982	-50	0	0	974	-45	10	219	971	-28	9	225
15	993	-39	4	206	992	-49	0	0	1000	-41	0	0	993	-38	9	205	980	-49	0	0	971	-42	14	225	972	-30	8	228
18	993	-42	3	189	993	-50	0	0	1000	-39	0	0	992	-40	10	225	979	-50	0	0	969	-36	15	217	973	-30	3	208
21	992	-45	2	207	994	-49	0	0	999	-37	0	0	991	-41	11	208	977	-52	0	0	970	-36	14	225	975	-32	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	977	-30	0	0	983	-36	5	90	977	-35	13	180	979	-39	3	214	975	-35	5	179	977	-43	6	225	981	-45	4	231
03	979	-30	0	0	985	-40	3	180	978	-36	11	180	978	-36	3	243	975	-37	8	193	978	-44	5	225	980	-43	6	232
06	980	-31	0	0	986	-42	0	0	979	-39	13	198	977	-36	1	260	976	-40	5	225	978	-45	4	201	980	-45	6	225
09	981	-39	0	0	985	-42	3	190	980	-41	13	203	976	-38	3	52	976	-42	5	225	979	-45	5	218	980	-44	6	222
12	981	-42	0	0	984	-40	3	180	981	-39	10	207	975	-36	0	0	976	-41	7	219	980	-48	3	225	979	-45	3	242
15	981	-38	5	79	982	-37	5	180	980	-38	9	218	975	-35	2	65	976	-41	9	225	980	-47	4	218	978	-41	5	225
18	983	-41	3	105	978	-34	11	206	980	-42	5	225	974	-36	2	90	976	-42	10	217	980	-47	4	225	978	-44	4	239
21	983	-39	5	101	978	-36	9	200	980	-42	2	239	974	-35	4	141	977	-43	9	225	981	-48	4	228	977	-42	7	225
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	977	-44	2	246	974	-38	7	225	978	-34	4	218	976	-38	3	225	966	-32	14	208	974	-30	10	207	971	-29	9	203
03	976	-40	5	206	974	-33	14	218	980	-37	2	231	973	-39	2	270	966	-29	14	225	975	-29	12	212	969	-28	7	218
06	975	-39	6	180	975	-36	5	232	981	-40	4	231	970	-34	6	264	967	-26	8	198	975	-28	8	189	968	-31	3	198
09	975	-44	3	225	974	-38	7	225	982	-40	5	218	966	-28	8	277	966	-24	3	221	974	-26	8	218	966	-32	2	206
12	974	-41	5	228	974	-36	7	225	982	-41	7	225	964	-29	5	231	965	-25	3	177	973	-26	11	214	962	-35	0	0
15	974	-41	5	180	975	-33	9	204	981	-36	10	225	960	-25	8	270	965	-32	4	225	973	-28	13	208	959	-35	0	0
18	974	-37	6	184	976	-34	9	203	980	-38	8	219	958	-24	4	289	968	-32	7	225	972	-30	11	206	957	-35	0	0
21	974	-38	6	198	977	-35	5	218	978	-39	4	229	962	-30	10	188	970	-30	10	205	972	-30	9	225	955	-35	1	309
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	955	-34	0	0	969	-30	14	215	974	-33	4	208	974	-36	3	231	965	-24	6	270	962	-27	1	45	983	-32	0	0
03	955	-27	7	207	971	-29	16	215	973	-32	3	225	974	-35	3	240	963	-22	7	270	964	-30	1	45	983	-31	11	225
06	956	-28	9	225	972	-30	13	225	973	-34	4	225	X	X	X	X	961	-22	5	262	968	-31	1	135	983	-32	10	206
09	959	-30	8	214	973	-31	12	225	972	-36	4	231	974	-34	5	225	959	-23	6	255	971	-34	5	197	983	-32	7	200
12	961	-33	9	225	974	-32	9	214	972	-37	1	231	973	-31	11	225	958	-23	4	225	975	-36	5	174	981	-32	6	194
15	964	-33	8	210	975	-34	6	225	972	-37	2	170	972	-30	10	225	958	-27	0	0	977	-38	0	0	978	-31	6	197
18	966	-32	10	225	974	-35	8	204	973	-39	2	219	970	-29	5	219	958	-30	0	0	979	-35	0	0	975	-35	2	239
21	968	-31	12	225	974	-34	5	225	973	-38	2	251	968	-29	6	249	960	-30	0	0	981	-37	0	0	971	-32	3	270
		DAY	29			DAY	30																					
00	968	-27	4	253	952	-22	18	225																				
03	964	-26	6	250	952	-22	14	226																				
06	962	-25	5	225	955	-22	11	197																				
09	960	-30	3	270	954	-24	4	225																				
12	957	-29	6	225	953	-21	5	309																				
15	956	-27	6	218	952	-21	7	267																				
18	954	-26	5	225	952	-18	6	260																				
21	954	-25	5	243	953	-16	10	214																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.6 STD DEV = 7.1 MAX = -15.4 AT 2033 GMT ON DAY 30 MIN = -52.5 AT 2143 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 975.3 STD DEV = 10.9 MAX =1002.2 AT 1157 GMT ON DAY 3 MIN = 951.6 AT 232 GMT ON DAY 30
* WINDS (M/S) * MEAN = 5.4 STD DEV = 4.2 RESULTANT = 4.9 FROM 218. CONSTANCY = .90 MAX = 19.4 FROM 212. AT 1945 GMT DAY 6
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .8 % WINDS: .8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	26	16	21	10	13	6	6	2	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	2	1	2	1	1	1	9	20	50	8	6	1	1	0

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	955	-19	15	225	965	-19	6	218	958	-26	2	225	965	-29	2	198	978	-29	4	225	982	-32	2	145	987	-34	6	204
03	955	-19	17	218	963	-20	8	219	958	-25	2	260	966	-27	3	231	978	-28	5	225	982	-29	2	141	987	-32	4	221
06	956	-19	17	225	961	-23	9	225	959	-27	2	280	968	-24	8	226	979	-29	4	207	982	-31	1	180	987	-33	4	270
09	957	-19	14	198	961	-26	10	198	959	-30	1	270	970	-27	10	217	980	-34	2	235	983	-35	2	217	987	-36	1	270
12	959	-22	13	217	960	-26	12	190	961	-31	0	0	972	-28	9	225	980	-34	2	206	984	-31	3	271	987	-36	1	184
15	963	-22	9	180	960	-27	6	180	961	-29	0	0	974	-29	9	225	980	-33	4	180	984	-39	4	225	987	-38	2	277
18	966	-20	7	180	958	-28	3	193	962	-30	4	201	975	-28	8	214	981	-35	1	141	985	-35	7	225	986	-39	3	270
21	966	-19	6	225	958	-29	2	201	964	-30	1	225	977	-30	5	224	981	-34	2	161	987	-36	6	225	986	-35	5	225
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	986	-31	6	225	980	-18	14	225	972	-17	14	208	981	-26	1	270	992	-27	8	218	994	-29	9	180	989	-32	5	225
03	986	-26	8	225	980	-18	13	204	975	-21	14	200	981	-25	0	0	994	-28	12	212	992	-30	6	206	989	-33	9	225
06	986	-25	10	211	979	-19	13	225	978	-25	9	180	981	-22	0	0	995	-28	13	214	990	-30	6	187	989	-35	6	198
09	986	-26	10	225	976	-20	15	218	980	-28	6	161	982	-23	0	0	996	-29	13	214	990	-34	5	225	989	-34	8	215
12	986	-26	12	225	973	-19	21	225	981	-31	5	180	984	-28	0	0	996	-29	15	225	989	-35	5	225	990	-36	7	225
15	985	-22	16	208	971	-17	19	225	982	-31	0	0	985	-22	0	0	996	-28	15	225	988	-33	6	180	990	-37	9	225
18	983	-21	14	225	971	-17	20	225	981	-29	2	249	988	-27	0	0	996	-29	16	210	988	-34	3	239	990	-37	9	225
21	981	-20	17	203	970	-16	17	225	981	-26	3	270	990	-26	9	225	995	-29	11	205	988	-34	5	222	991	-36	6	212
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	991	-32	0	0	986	-25	0	0	987	-30	0	0	988	-26	0	0	987	-27	4	174	976	-25	0	0	974	-27	8	225
03	990	-31	2	270	986	-25	2	236	987	-27	0	0	988	-27	1	266	985	-26	2	225	975	-23	0	0	975	-27	7	225
06	989	-32	2	270	987	-28	4	225	987	-26	0	0	988	-27	1	270	984	-27	1	207	974	-22	0	0	977	-28	6	224
09	987	-30	2	270	987	-30	2	225	987	-31	1	225	989	-30	3	180	983	-32	1	270	973	-27	0	0	979	-31	5	215
12	986	-27	2	260	987	-34	0	0	988	-31	1	225	989	-30	4	189	981	-29	1	264	972	-28	0	0	981	-29	5	225
15	985	-27	3	259	987	-34	0	0	987	-34	0	0	989	-31	5	180	980	-29	0	0	972	-29	0	0	982	-30	4	225
18	986	-26	2	270	987	-35	0	0	988	-34	0	0	988	-32	4	180	978	-31	1	264	973	-25	0	0	984	-30	8	224
21	986	-26	1	270	987	-33	0	0	988	-30	0	0	988	-30	4	180	977	-28	0	0	974	-32	0	0	985	-29	8	190
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	986	-27	10	225	983	-29	5	189	976	-30	1	39	975	-28	0	0	974	-25	4	180	973	-27	10	225	984	-17	13	189
03	986	-27	9	225	982	-26	8	225	974	-27	5	13	976	-21	0	0	973	-25	4	212	975	-26	8	211	984	-17	11	225
06	985	-26	10	219	981	-27	4	218	974	-28	1	360	976	-20	0	0	972	-21	2	225	977	-26	8	225	986	-17	12	204
09	985	-26	8	218	980	-27	2	260	974	-29	0	0	976	-30	1	309	971	-29	2	7	979	-28	5	225	986	-19	9	225
12	984	-26	5	235	979	-28	1	229	974	-36	2	340	976	-31	4	243	970	-31	1	315	980	-31	6	232	987	-19	8	180
15	983	-28	3	260	978	-28	0	0	974	-34	3	342	976	-30	4	249	970	X	1	45	981	-29	7	231	985	-18	11	201
18	983	-29	5	180	977	-31	1	111	973	-34	0	0	975	-30	4	218	971	-29	2	276	980	-21	9	235	986	-19	12	225
21	983	-28	10	207	976	-28	0	0	973	-31	2	360	975	-28	3	236	972	-30	4	225	981	-18	13	218	985	-18	12	225
		DAY	29			DAY	30			DAY	31																	
00	985	-16	10	225	978	-15	14	198	962	-15	11	180																
03	984	-14	10	214	977	-16	14	180	959	-14	13	225																
06	982	-15	12	225	976	-17	11	193	958	-13	13	225																
09	981	-14	12	217	974	-17	10	201	957	-15	10	219																
12	980	-14	10	225	972	-17	12	218	956	-17	10	235																
15	979	-14	10	225	969	-19	11	225	956	-16	7	225																
18	979	-16	11	217	966	-16	14	225	956	-16	8	225																
21	978	-17	9	217	964	-15	13	226	958	-15	6	201																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -26.5 STD DEV = 6.0 MAX = -13.0 AT 616 GMT ON DAY 31 MIN = -40.6 AT 1640 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 978.8 STD DEV = 9.8 MAX = 997.0 AT 1442 GMT ON DAY 12 MIN = 954.5 AT 204 GMT ON DAY 1
* WINDS (M/S) * MEAN = 5.9 STD DEV = 5.0 RESULTANT = 5.4 FROM 216. CONSTANCY = .92 MAX = 22.2 FROM 217. AT 1224 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	31	13	15	8	11	7	8	3	2	1	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	1	0	0	0	1	1	12	15	51	2	12	0	1	1

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	964	-24	7	189	984	-17	4	240	984	-20	1	243	982	-21	2	309	972	-22	7	203	980	-25	9	180	987	-24	11	206
03	967	-25	8	218	983	-16	4	305	984	-18	0	0	978	-20	4	309	971	-22	6	180	981	-26	12	187	987	-23	8	189
06	971	-24	11	225	982	-15	6	251	984	-21	1	160	975	-19	3	309	971	-21	3	163	983	-26	12	197	986	-24	4	191
09	975	-23	14	225	983	-21	5	270	984	-22	1	90	971	-18	3	329	973	-24	2	189	984	-25	13	218	986	-26	3	159
12	979	-21	9	226	983	-20	7	222	985	-23	1	90	970	-20	9	231	975	-28	4	184	985	-25	12	198	986	-29	2	189
15	981	-20	8	211	983	-22	5	221	985	-22	2	111	972	-25	14	225	977	-26	11	225	985	-26	7	191	986	-31	4	206
18	983	-20	7	218	984	-25	3	226	985	-23	0	0	971	-23	16	195	978	-24	13	219	986	-26	10	201	985	-28	3	190
21	984	-18	3	198	985	-23	1	225	984	-23	1	298	971	-23	10	225	980	-24	12	189	986	-25	8	197	983	-24	3	207
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	982	-24	6	225	964	-13	14	225	970	-13	7	191	988	-15	9	219	997	-12	2	218	986	-12	5	225	987	-14	8	180
03	980	-21	6	206	961	-12	14	225	972	-12	11	201	989	-13	14	214	995	-12	1	222	984	-12	9	218	987	-13	9	180
06	978	-20	5	207	958	-12	16	225	974	-14	6	180	991	-11	10	194	993	-12	1	260	985	-14	9	189	987	-12	9	203
09	976	-22	6	203	957	-9	14	225	977	-15	5	198	993	-11	7	180	992	-15	0	0	986	-15	7	180	987	-13	7	189
12	974	-21	9	225	958	-10	12	205	979	-17	5	200	995	-12	6	180	991	-19	0	0	986	-16	7	197	988	-16	8	225
15	971	-18	13	225	961	-15	8	180	981	-18	5	207	996	-13	6	183	990	-17	0	0	987	-17	8	180	988	-17	9	205
18	969	-18	11	225	965	-17	9	180	984	-19	6	195	997	-13	5	180	988	-19	0	0	989	-19	8	197	988	-17	9	225
21	967	-15	13	224	968	-18	5	180	987	-17	8	206	997	-13	3	186	987	-15	3	290	988	-16	7	219	987	-16	9	225
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	986	-13	7	206	978	-13	9	218	976	-15	8	180	980	-16	11	214	978	-13	5	259	972	-12	6	180	982	-10	9	180
03	984	-12	6	207	978	-12	8	206	977	-15	8	180	981	-17	8	189	977	-11	9	224	973	-11	5	188	984	-10	7	180
06	984	-13	5	225	977	-12	7	207	978	-15	4	180	982	-17	8	218	976	-12	8	225	973	-12	4	198	986	-12	6	149
09	982	-15	7	212	976	-14	5	208	979	-18	4	190	982	-17	7	218	975	-12	9	225	974	-12	1	270	988	-14	4	172
12	982	-17	7	225	976	-17	7	218	979	-19	4	197	981	-17	6	211	974	-12	11	225	974	-10	2	206	989	-17	5	180
15	981	-19	8	225	976	-18	6	225	980	-21	3	198	980	-16	2	224	972	-10	10	226	975	-9	4	204	990	-17	6	180
18	980	-17	9	224	976	-18	6	225	980	-20	5	225	979	-15	3	309	971	-11	7	193	977	-9	6	180	991	-16	8	179
21	979	-15	8	211	976	-16	9	203	980	-16	7	219	978	-13	5	231	971	-11	3	180	980	-9	3	166	992	-13	8	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	993	-13	7	179	994	-13	8	218	988	-8	0	0	988	-14	10	225	990	-10	11	191	990	-6	10	198	988	-8	5	180
03	994	-12	9	180	993	-13	9	204	987	-9	0	0	989	-14	13	225	991	-8	12	225	990	-4	9	193	988	-7	4	179
06	995	-12	9	188	992	-13	7	225	987	-7	0	0	989	-14	14	207	991	-8	12	206	990	-6	7	206	987	-7	1	259
09	996	-12	8	180	991	-14	5	180	987	-13	1	134	990	-12	13	211	992	-8	10	211	989	-7	5	198	987	-10	2	180
12	996	-13	7	204	990	-17	4	206	987	-16	2	198	990	-11	14	225	991	-8	11	207	989	-8	5	200	988	-14	2	231
15	996	-14	7	201	990	-19	2	194	987	-17	4	198	990	-10	15	218	991	-7	11	218	989	-8	8	205	988	-14	3	235
18	995	-14	6	187	989	-17	0	0	987	-17	8	203	989	-10	15	225	991	-7	10	225	989	-9	7	203	988	-12	3	218
21	995	-14	7	180	988	-14	0	0	988	-15	9	205	989	-9	14	205	990	-7	9	206	988	-8	6	180	988	-10	6	218
		DAY	29			DAY	30																					
00	989	-9	6	218	992	-8	3	218																				
03	989	-7	8	211	992	-7	1	225																				
06	989	-8	6	198	992	-5	0	0																				
09	989	-10	4	219	992	-10	1	301																				
12	990	-15	3	225	993	-13	1	360																				
15	990	-16	2	231	993	-13	0	0																				
18	990	-14	2	225	994	-11	0	0																				
21	991	-10	5	206	994	-9	1	360																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -15.4 STD DEV = 5.4 MAX = -2.0 AT 523 GMT ON DAY 24 MIN = -31.4 AT 1504 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 983.4 STD DEV = 8.1 MAX = 997.4 AT 2204 GMT ON DAY 11 MIN = 956.7 AT 848 GMT ON DAY 9
* WINDS (M/S) * MEAN = 6.5 STD DEV = 3.8 RESULTANT = 6.0 FROM 208. CONSTANCY = .92 MAX = 21.7 FROM 207. AT 1627 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	15	14	17	21	16	8	6	3	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	0	0	1	0	0	2	25	30	33	1	2	1	2	0

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 49 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	995	-7	2	189	995	-6	2	37	991	-4	0	0	982	-9	11	225	978	-9	3	221	975	-7	12	181	983	-8	11	225
03	995	-8	3	225	995	-5	3	34	989	-5	0	0	981	-8	8	225	978	-9	2	198	978	-10	6	177	984	-7	9	204
06	995	-8	3	200	995	-6	2	356	987	-7	2	183	981	-9	7	225	977	-10	5	225	980	-10	4	180	984	-7	10	225
09	994	-11	2	198	995	-10	3	18	985	-9	6	203	980	-10	6	208	976	-10	9	225	981	-12	3	225	984	-6	10	189
12	994	-12	2	309	995	-14	2	12	985	-11	8	210	979	-11	3	211	975	-10	9	225	982	-12	2	231	984	-9	10	225
15	994	-14	2	319	995	-11	3	360	984	-10	7	225	979	-11	3	225	974	-10	11	232	983	-9	8	205	983	-9	9	225
18	994	-13	1	339	994	-10	2	20	983	-11	8	225	978	-11	2	218	974	-10	10	225	983	-9	11	208	984	-9	12	212
21	995	-10	2	6	994	-7	2	354	982	-10	9	204	978	-10	2	201	974	-8	11	225	983	-9	11	225	984	-8	9	212
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	984	-8	9	225	982	-9	7	214	982	-8	8	225	986	-7	9	180	989	-5	8	207	989	-5	10	187	997	-6	12	198
03	984	-6	10	211	981	-8	6	225	982	-7	9	214	988	-7	8	180	989	-5	9	206	990	-5	8	180	998	-5	10	188
06	984	-7	8	218	982	-8	5	197	982	-6	5	225	989	-6	5	208	989	-4	7	225	991	-5	8	180	998	-5	10	206
09	984	-7	5	210	982	-9	3	225	981	-7	6	207	989	-6	6	200	988	-5	7	215	992	-6	9	145	998	-6	9	189
12	983	-12	3	243	982	-12	3	212	982	-8	8	218	989	-10	4	225	987	-6	9	210	995	-9	4	172	999	-6	8	191
15	982	-12	4	225	982	-12	4	219	983	-9	8	225	989	-10	6	225	987	-6	8	180	996	-7	7	189	999	-7	10	195
18	981	-10	8	221	981	-8	7	225	984	-8	11	204	989	-10	7	225	989	-6	9	198	996	-7	9	189	999	-7	8	203
21	981	-9	6	218	981	-8	9	225	985	-7	9	197	989	-7	7	214	989	-5	12	200	996	-7	11	180	1001	-6	10	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1002	-5	11	206	1002	-4	9	206	1003	0	6	180	1000	-1	4	180	1001	-5	5	180	994	-7	2	218	995	-6	4	225
03	1002	-4	9	204	1001	-4	7	204	1002	0	6	180	1001	-1	4	180	999	-4	4	156	994	-4	3	180	994	-5	4	189
06	1002	-3	10	201	1002	-3	8	204	1002	-1	4	155	1000	-1	5	183	997	-3	7	222	994	-4	1	146	994	-5	4	170
09	1003	-4	8	189	1002	-3	6	205	1001	-1	4	180	1001	-2	4	187	995	-4	8	201	994	-6	0	0	993	-6	2	159
12	1002	-4	8	206	1002	-3	6	218	1001	-1	2	131	1001	-3	7	206	995	-6	2	260	994	-9	0	0	994	-8	0	0
15	1002	-5	9	204	1002	-2	6	189	1000	-2	2	141	1001	-3	6	187	993	-7	4	243	994	-13	1	69	994	-12	2	141
18	1002	-4	10	206	1003	-1	6	183	1000	-2	3	158	1001	-4	6	180	993	-9	4	187	995	-12	1	170	995	-10	2	141
21	1002	-4	8	195	1003	-1	6	180	1000	-1	3	189	1001	-5	6	181	994	-10	3	101	995	-10	3	188	996	-7	2	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	996	-4	2	158	996	-6	7	217	994	-3	1	309	1001	-3	7	225	1000	-1	2	30	997	-1	2	330	1006	-2	4	198
03	996	-4	3	189	995	-5	7	217	994	-1	1	295	1001	-2	5	225	999	-1	4	315	998	-1	2	194	1006	-2	3	198
06	997	-4	4	180	995	-5	5	225	995	-1	1	270	1002	-2	2	239	998	-2	4	1	999	-3	3	225	1006	-2	1	274
09	997	-7	4	225	994	-7	2	270	996	-4	1	242	1002	-4	2	283	997	-1	0	0	1000	-4	2	215	1006	-4	1	309
12	997	-9	4	215	994	-10	2	270	996	-6	1	270	1002	-8	2	309	997	-6	1	360	1002	-6	2	189	1005	-8	3	301
15	997	-10	6	212	993	-11	1	297	997	-8	2	309	1002	-10	2	309	996	-9	2	345	1003	-4	4	206	1005	-9	2	330
18	997	-8	7	225	994	-10	2	309	998	-8	2	319	1001	-8	2	319	996	-7	2	360	1004	-4	4	197	1004	-7	1	315
21	997	-6	7	218	994	-6	0	0	1000	-5	3	217	1001	-3	1	289	997	-4	2	359	1005	-3	4	208	1004	-5	2	342
		DAY	29			DAY	30			DAY	31																	
00	1003	-1	2	345	999	-1	5	103	1004	-2	3	226																
03	1002	-1	3	360	998	0	4	111	X	X	X	X																
06	1001	-4	5	360	999	-1	3	180	X	X	X	X																
09	1001	-4	5	20	999	-4	7	225	X	X	X	X																
12	1000	-7	3	73	1000	-4	7	228	X	X	X	X																
15	999	-8	3	45	1001	-4	6	225	X	X	X	X																
18	999	-6	4	79	1002	-4	4	225	X	X	X	X																
21	999	-2	4	86	1003	-3	2	231	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -6.3 STD DEV = 3.2 MAX = 1.3 AT 443 GMT ON DAY 24 MIN = -14.9 AT 1410 GMT ON DAY 1

* PRESSURE (MB) * MEAN = 993.2 STD DEV = 8.2 MAX =1006.1 AT 353 GMT ON DAY 28 MIN = 973.0 AT 1620 GMT ON DAY 5

* WINDS (M/S) * MEAN = 5.2 STD DEV = 3.1 RESULTANT = 4.1 FROM 208. CONSTANCY = .80 MAX = 15.1 FROM 211. AT 744 GMT DAY 7

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.8 % PRESSURE: 2.8 % WINDS: 2.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	20	24	17	15	15	8	1	0	0	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	4	2	1	1	1	1	3	2	19	22	29	2	3	2	5	3

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

JAN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	756	-17	9	141	763	-17	10	114	769	-16	11	141	761	-17	11	170	760	-17	11	139	762	-18	5	172	764	-17	11	90
03	756	-15	10	111	764	-15	11	105	768	-15	9	121	761	-15	11	162	760	-15	7	139	763	-14	3	180	764	-15	11	90
06	757	-15	10	90	765	-15	12	90	768	-14	9	141	761	-14	9	170	760	-14	5	104	764	-13	3	180	764	-16	12	104
09	758	-16	9	120	766	-15	11	111	766	-15	8	141	761	-15	8	159	760	-14	2	135	764	-14	2	132	764	-16	15	124
12	759	-18	9	117	768	-16	9	120	765	-19	10	180	761	-19	7	180	761	-19	3	165	764	-19	4	141	764	-17	14	120
15	760	-20	9	124	768	-17	9	121	764	-21	10	166	760	-22	9	161	761	-25	4	180	764	-18	6	118	763	-17	14	141
18	761	-20	9	141	768	-19	8	141	763	-22	12	166	760	-21	8	150	762	-26	5	180	763	-18	7	101	763	-17	17	120
21	762	-18	12	141	769	-19	9	141	762	-21	13	158	761	-20	7	141	762	-22	6	169	763	-18	9	101	764	-17	14	125
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	764	-16	16	141	759	-17	16	141	754	-20	17	148	754	-18	10	141	755	-19	9	141	753	-19	5	141	755	-19	6	132
03	764	-15	18	141	758	-16	17	141	753	-18	12	141	754	-16	8	139	755	-17	7	117	753	-17	5	94	755	-17	4	141
06	764	-15	14	141	757	-16	15	141	754	-17	12	141	754	-16	6	141	755	-15	4	90	753	-16	3	77	756	-15	2	141
09	763	-16	15	141	756	-17	13	141	754	-17	9	141	754	-17	4	141	754	-15	2	101	753	-14	0	0	757	-16	2	141
12	764	-17	12	145	756	-19	12	142	754	-20	9	141	755	-19	5	141	754	-17	2	135	754	-21	3	120	757	-22	5	173
15	762	-19	12	141	755	-21	14	141	753	-22	9	141	755	-23	4	134	753	-18	2	141	754	-22	3	141	758	-27	6	180
18	761	-20	14	141	754	-22	14	141	753	-23	11	141	755	-22	7	135	753	-20	1	219	754	-26	4	156	758	-28	6	180
21	760	-19	16	150	754	-22	14	141	753	-21	10	141	755	-22	9	141	753	-19	4	127	755	-21	4	161	758	-25	7	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	759	-21	7	180	760	-21	7	180	758	-18	6	141	760	-20	6	179	759	-21	14	128	761	-17	15	141	X	X	X	X
03	759	-17	7	180	759	-19	8	180	758	-17	5	135	761	-19	7	180	759	-17	14	141	X	X	X	X	X	X	X	X
06	760	-17	6	180	758	-17	8	146	759	-16	3	141	761	-18	8	180	758	-16	15	135	X	X	X	X	X	X	X	X
09	760	-18	5	180	758	-18	7	141	759	-18	3	145	761	-19	7	167	759	-16	16	120	760	-15	17	141	X	X	X	X
12	761	-22	6	180	758	-23	4	141	760	-21	3	156	763	-22	6	148	760	-16	18	101	759	-17	16	141	X	X	X	X
15	760	-27	7	180	757	-27	4	141	760	-25	4	180	762	-24	9	141	761	-18	13	117	758	-15	21	125	X	X	X	X
18	761	-28	8	180	757	-25	5	141	760	-28	5	180	762	-26	9	141	761	-19	12	141	758	-20	14	132	X	X	X	X
21	760	-27	9	180	757	-22	5	136	760	-26	5	150	760	-23	13	141	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	757	-19	11	132	757	-17	13	139
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	757	-17	15	141	757	-16	13	142
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	756	-17	17	141	756	-16	12	141
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	756	-17	17	141	755	-18	11	141
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	756	-18	14	138	754	-20	12	161
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	757	-18	12	132	753	-21	14	149
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	756	-20	2	360	756	-19	15	141	752	-23	16	148
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	756	-19	13	131	757	-18	15	141	752	-23	15	141
		DAY	29			DAY	30			DAY	31																	
00	752	-20	13	141	754	-18	13	141	756	-17	15	136																
03	754	-17	9	124	755	-17	13	135	757	-15	11	141																
06	754	-16	9	141	755	-16	13	136	758	-15	12	129																
09	755	-17	8	141	755	-17	13	132	758	-16	10	141																
12	X	X	X	X	756	-20	12	141	758	-18	12	142																
15	755	-20	7	141	756	-22	11	141	757	-21	15	141																
18	755	-21	11	150	756	-23	12	142	758	-23	12	141																
21	755	-21	9	148	756	-21	14	141	757	-23	15	138																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -18.7 STD DEV = 3.3 MAX = -13.0 AT 511 GMT ON DAY 6 MIN = -28.6 AT 1728 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 758.6 STD DEV = 4.0 MAX = 769.0 AT 2318 GMT ON DAY 2 MIN = 751.3 AT 1922 GMT ON DAY 28
* WINDS (M/S) * MEAN = 9.5 STD DEV = 4.3 RESULTANT = 9.0 FROM 140. CONSTANCY = .94 MAX = 20.8 FROM 125. AT 1449 GMT DAY 20
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 20.6 % PRESSURE: 20.6 % WINDS: 20.6 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	2	12	11	13	18	13	14	12	6	0	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	1	0	0	1	5	9	59	11	15	0	1	0	0	0	0	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

FEB 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	757	-19	13	141	754	-20	10	141	756	-17	6	141	759	-20	8	120	760	-20	9	132	755	-20	15	141	755	-22	15	141
03	757	-17	10	141	754	-17	9	141	756	-16	6	141	759	-17	5	90	760	-19	9	141	755	-18	13	134	754	-20	15	138
06	756	-16	9	141	754	-16	9	141	757	-15	6	141	759	-16	2	54	760	-18	9	141	755	-18	13	141	754	-19	15	143
09	756	-16	9	131	754	-17	7	141	757	-17	5	136	760	-17	2	54	759	-18	10	141	755	-19	15	141	753	-20	14	141
12	756	-18	10	141	755	-22	5	136	758	-22	4	155	760	-18	3	59	758	-19	11	129	756	-21	14	141	753	-23	15	141
15	755	-20	6	139	755	-19	4	141	758	-22	6	141	760	-18	1	90	757	-21	14	134	755	-23	16	141	752	-24	16	141
18	754	-24	10	141	755	-19	5	139	758	-23	6	141	761	-20	5	135	756	-23	14	141	755	-24	14	136	751	-24	17	145
21	754	-22	11	141	756	-19	7	141	759	-23	8	143	761	-20	8	141	755	-22	14	141	755	-24	16	141	751	-23	16	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	752	-21	15	141	753	-20	14	141	750	-19	13	143	754	-19	14	141	X	X	X	X	758	-24	11	158	754	-26	16	143
03	752	-18	14	141	752	-18	16	141	749	-17	13	141	755	-17	12	141	760	-20	12	141	757	-21	11	180	753	-24	14	141
06	752	-16	10	148	752	-18	15	128	750	-18	15	141	756	-17	12	141	760	-20	12	141	757	-21	9	180	753	-23	12	141
09	753	-17	12	141	752	-18	14	141	750	-20	12	142	757	-19	12	141	760	-20	12	138	757	-23	9	180	752	-24	12	141
12	753	-19	11	138	751	-20	16	141	751	-20	15	141	758	-22	12	141	760	-23	12	138	756	-26	8	160	752	-26	13	152
15	753	-21	13	141	751	-22	16	141	751	-20	15	141	X	X	X	X	760	-26	12	153	755	-28	11	148	752	-29	11	155
18	752	-23	14	141	750	-24	12	141	752	-21	15	131	759	-25	12	141	759	-28	12	180	755	-28	12	141	752	-30	13	180
21	753	-22	14	141	750	-22	13	141	754	-20	12	141	759	-24	12	142	759	-27	10	160	754	-28	13	141	752	-30	13	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	753	-26	11	180	762	-21	7	149	757	-22	5	160	750	-27	8	172	748	-27	9	180	743	-21	15	135	749	-24	10	170
03	754	-23	12	159	762	-19	7	156	756	-20	6	142	749	-24	7	180	749	-24	8	149	745	-21	14	90	747	-23	12	180
06	756	-22	10	180	762	-17	6	166	755	-19	6	146	748	-23	7	180	748	-21	7	166	746	-21	12	141	746	-21	12	141
09	757	-23	9	180	761	-20	7	159	755	-21	5	141	749	-24	1	111	748	-22	7	141	747	-21	11	141	744	-21	16	141
12	759	-27	13	180	761	-25	7	180	754	-26	4	155	749	-28	5	161	748	-22	10	128	748	-22	12	128	744	-23	12	141
15	760	-28	13	156	760	-27	7	180	753	-31	5	180	748	-30	10	177	746	-22	13	141	749	-22	10	141	743	-22	13	141
18	760	-28	10	156	759	-28	7	169	752	-33	6	180	748	-31	9	180	744	-22	14	131	749	-25	11	141	742	-25	13	141
21	762	-26	9	162	758	-27	7	180	751	-32	4	160	748	-30	9	170	742	-22	17	141	749	-25	8	152	741	-25	14	139
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	741	-23	14	141	745	-23	7	141	750	-18	5	141	750	-19	4	141	748	-27	9	150	750	-21	12	118	754	-22	8	141
03	740	-22	10	138	746	-20	8	128	750	-15	5	70	749	-16	3	110	X	X	X	X	750	-20	12	141	754	-20	8	141
06	740	-21	8	141	747	-19	6	141	750	-15	3	90	749	-16	3	87	748	-23	10	141	750	-19	11	141	755	-20	7	141
09	741	-22	7	141	748	-18	6	141	751	-18	3	90	749	-20	3	121	749	-23	9	122	750	-21	12	122	755	-22	5	134
12	742	-24	9	146	749	-20	6	141	751	-18	3	135	749	-23	3	180	749	-22	11	122	750	-22	10	141	756	-25	6	149
15	742	-26	8	146	749	-20	5	125	751	-18	2	101	748	-26	3	180	750	-23	11	141	751	-23	11	141	755	-26	6	141
18	743	-26	7	141	749	-20	6	129	750	-19	1	97	748	-28	7	165	750	-23	11	141	752	-23	8	128	755	-28	5	149
21	744	-25	9	141	750	-20	6	141	750	-19	2	135	748	-31	9	180	750	-22	12	127	753	-23	8	141	754	-27	6	149

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -21.8 STD DEV = 3.6 MAX = -14.4 AT 440 GMT ON DAY 24 MIN = -33.5 AT 1853 GMT ON DAY 17
* PRESSURE (MB) * MEAN = 752.7 STD DEV = 5.0 MAX = 762.6 AT 241 GMT ON DAY 16 MIN = 740.3 AT 436 GMT ON DAY 22
* WINDS (M/S) * MEAN = 9.7 STD DEV = 3.8 RESULTANT = 9.4 FROM 144. CONSTANCY = .96 MAX = 18.7 FROM 136. AT 1938 GMT DAY 19
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % PRESSURE: 1.3 % WINDS: 1.3 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	2	6	12	14	16	17	19	13	1	0	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	1	1	4	4	65	13	13	0	0	0	0	0	0	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

MAR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	738	-21	16	138	742	-23	15	141	745	-22	4	180	740	-34	14	180	738	-30	9	146	745	-29	5	136
03	752	-23	11	141	X	X	X	X	X	X	X	X	744	-20	5	172	740	-31	14	190	737	-29	13	138	746	-25	3	141
06	750	-22	9	141	X	X	X	X	X	X	X	X	743	-22	6	180	740	-30	10	180	738	-27	12	146	746	-24	3	142
09	748	-21	9	129	737	-21	20	149	X	X	X	X	743	-24	3	180	739	-31	9	180	739	-29	9	141	746	-26	2	127
12	745	-21	15	134	737	-21	20	141	X	X	X	X	742	-29	6	225	739	-33	9	161	740	-31	9	141	746	-28	3	141
15	742	-22	16	141	737	-21	19	141	748	-23	5	141	741	-29	8	222	738	-35	9	180	742	-32	6	149	746	-28	3	163
18	739	-22	15	141	X	X	X	X	748	-23	4	141	740	-31	10	204	738	-33	9	152	742	-34	5	180	745	-29	4	141
21	738	-22	16	141	X	-24	15	141	747	-23	4	180	740	-35	13	193	737	-32	10	141	744	-33	6	180	745	-28	5	142
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	744	-27	8	141	747	-29	7	149	749	-26	6	141	746	-23	2	146	750	-24	0	0	756	-26	6	141	X	X	X	X
03	744	-25	8	141	748	-27	6	170	748	-23	5	141	745	-22	4	141	751	-20	1	309	754	-22	6	82	X	X	X	X
06	743	-24	8	131	749	-25	5	141	747	-23	3	141	745	-20	0	0	751	-20	1	309	X	X	X	X	X	X	X	X
09	744	-26	6	136	750	-26	4	141	747	-26	3	163	746	-21	3	239	752	-25	0	0	745	-25	14	120	X	X	X	X
12	744	-28	5	141	750	-26	6	134	747	-26	1	180	746	-24	4	163	754	-29	0	0	742	-26	15	110	X	X	X	X
15	744	-31	5	180	750	-26	7	141	746	-24	0	0	747	-28	2	172	755	-26	0	0	X	X	X	X	X	X	X	X
18	745	-34	6	134	749	-26	7	141	746	-25	2	141	747	-27	2	180	756	-32	1	179	X	X	X	X	X	X	X	X
21	745	-32	10	180	749	-29	7	136	746	-24	1	158	748	-29	0	0	757	-32	4	149	X	X	X	X	X	X	X	X
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	X	X	745	-31	10	194	757	-34	10	161	754	-27	4	170	751	-32	4	155	749	-35	7	166	747	-44	13	180
03	X	X	X	X	746	-32	14	194	757	-30	7	180	753	-23	3	141	750	-28	5	141	749	-33	6	165	748	-40	12	180
06	X	X	X	X	X	X	X	X	757	-29	6	180	752	-25	4	141	750	-30	5	180	748	-32	3	180	749	-39	12	180
09	X	X	X	X	746	X	17	180	757	-31	6	180	752	-25	4	150	750	-31	6	173	748	-37	4	180	750	-42	12	180
12	X	X	X	X	752	-37	13	180	757	-31	6	167	751	-29	5	146	750	-32	5	174	748	-42	6	165	751	-40	11	180
15	X	X	X	X	753	-37	14	180	756	-32	6	180	751	-32	6	141	750	-33	6	170	747	-45	10	177	752	-40	9	159
18	X	X	X	X	755	-38	11	170	755	-33	6	153	751	-32	4	149	750	-35	5	180	747	-47	12	180	752	-32	10	141
21	X	X	X	X	756	-36	12	180	754	-34	4	141	751	-35	7	165	750	-36	6	180	747	-47	13	180	752	-31	10	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	752	-29	11	141	742	-26	17	141	723	-24	16	129	740	-33	7	180	744	-36	10	180	X	X	X	X	X	X	X	X
03	753	-27	10	120	738	-26	22	136	726	-24	13	141	741	-31	8	180	743	-35	9	180	X	X	X	X	X	X	X	X
06	753	-27	11	120	X	X	X	X	728	-24	11	136	743	-32	10	180	741	-35	11	180	730	-41	25	180	X	X	X	X
09	753	-27	11	141	727	-26	24	141	731	-26	11	145	745	-34	8	186	739	-39	12	180	X	X	X	X	X	X	X	X
12	753	-27	14	141	722	-24	24	141	733	-27	11	139	746	-36	7	180	738	-39	10	155	X	X	X	X	X	X	X	X
15	751	-27	16	141	721	-25	23	141	735	-28	8	142	746	-36	7	180	736	-40	15	180	X	X	X	X	X	X	X	X
18	749	-27	15	134	719	-24	21	141	736	-30	5	149	745	-35	7	176	736	-42	14	190	X	X	X	X	X	X	X	X
21	746	-27	13	129	721	-25	15	136	738	-32	6	180	745	-36	9	161	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	29			DAY	30			DAY	31																	
00	X	X	X	X	X	X	X	X	X	X	X	X																
03	X	X	X	X	X	X	X	X	X	X	X	X																
06	X	X	X	X	X	X	X	X	X	X	X	X																
09	X	X	X	X	X	X	X	X	X	X	X	X																
12	X	X	X	X	X	X	X	X	X	X	X	X																
15	X	X	X	X	X	X	X	X	X	X	X	X																
18	X	X	X	X	X	X	X	X	X	X	X	X																
21	X	X	X	X	X	X	X	X	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.3 STD DEV = 5.8 MAX = -20.4 AT 137 GMT ON DAY 2 MIN = -47.2 AT 1827 GMT ON DAY 20
* PRESSURE (MB) * MEAN = 745.2 STD DEV = 7.4 MAX = 757.0 AT 2101 GMT ON DAY 12 MIN = 719.4 AT 1804 GMT ON DAY 23
* WINDS (M/S) * MEAN = 8.5 STD DEV = 5.3 RESULTANT = 7.8 FROM 156. CONSTANCY = .92 MAX = 29.8 FROM 134. AT 1418 GMT DAY 23
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 28.6 % PRESSURE: 28.6 % WINDS: 28.2 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	8	11	18	16	12	11	8	7	3	2	3	1	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	1	2	43	14	35	2	1	1	0	0	1	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

APR 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	X	X	X	X	743	-28	5	360	739	-35	14	136	729	-39	15	155	X	X	X	X	745	-37	6	138
03	X	X	X	X	X	X	X	X	740	-28	13	141	737	-33	18	141	X	X	X	X	X	X	X	X	745	-31	7	120
06	X	X	X	X	X	X	X	X	739	-28	15	141	736	-34	17	141	X	X	X	X	X	X	X	X	745	-27	8	90
09	X	X	X	X	X	X	X	X	739	-29	14	135	735	-35	15	161	X	X	X	X	X	X	X	X	747	-27	8	54
12	X	X	X	X	X	X	X	X	X	X	X	X	733	-40	13	180	X	X	X	X	X	X	X	X	749	-27	4	45
15	X	X	X	X	X	X	X	X	740	-30	12	141	731	-42	17	180	X	X	X	X	X	X	X	X	750	-27	1	94
18	X	X	X	X	X	X	X	X	740	-33	13	138	730	-43	16	180	X	X	X	X	X	X	X	X	750	-27	2	158
21	X	X	X	X	X	X	X	X	739	-34	15	141	729	-43	18	174	X	X	X	X	743	-41	6	180	750	-26	2	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	750	-25	2	141	743	-30	16	141	735	-32	11	142	728	-44	9	174	X	X	X	X	X	X	X	X	744	-48	10	146
03	750	-23	2	138	744	-28	17	141	734	-30	7	141	727	-44	14	180	X	X	X	X	X	X	X	X	744	-48	12	180
06	749	-23	4	135	739	-28	18	139	734	-30	5	141	X	X	X	X	X	X	X	X	740	-39	7	161	745	-48	12	180
09	749	-23	6	141	738	-28	18	127	733	-28	3	149	722	-47	14	184	X	X	X	X	742	-39	6	159	747	-50	12	180
12	748	-27	12	141	738	-28	15	141	732	-27	1	172	X	X	X	X	X	X	X	X	743	-42	5	149	749	-49	12	181
15	747	-30	15	141	737	-29	13	141	730	-29	1	189	X	X	X	X	X	X	X	X	743	-45	8	180	750	-48	12	176
18	746	-30	16	136	736	-30	12	141	728	-31	6	180	X	X	X	X	X	X	X	X	743	-47	9	180	750	-48	10	180
21	744	-30	18	141	735	-31	12	142	727	-38	11	180	X	X	X	X	X	X	X	X	743	-48	11	145	750	-46	9	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	750	-45	10	176	751	-46	15	180	749	-35	13	141	745	-33	9	159	736	-30	17	143	X	X	X	X	746	-26	13	141
03	750	-42	10	176	751	-41	15	172	749	-35	12	146	744	-33	8	141	X	X	X	X	X	X	X	X	745	-26	15	141
06	750	-43	10	180	751	-36	13	180	748	-34	14	131	743	-34	8	152	X	X	X	X	X	X	X	X	745	-27	14	141
09	750	-43	12	180	750	-36	13	141	749	-35	15	141	743	-36	8	143	X	X	X	X	X	X	X	X	745	-27	12	141
12	751	-43	11	180	751	-37	13	141	749	-34	13	141	742	-37	12	138	X	X	X	X	X	X	X	X	746	-28	12	141
15	751	-45	11	191	750	-38	12	143	748	-34	13	141	741	-37	12	141	X	X	X	X	X	X	X	X	747	-28	11	141
18	X	X	X	X	749	-37	13	148	747	-34	14	138	740	-35	14	141	X	X	X	X	743	X	18	27	749	-29	9	141
21	751	-46	14	180	749	-36	14	152	746	-33	9	146	738	-33	16	134	X	X	X	X	745	-26	15	141	750	-29	8	125
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	751	-31	9	141	763	-32	9	148	759	-39	14	180	X	X	X	X	X	X	X	X	X	X	X	X	726	-45	9	166
03	752	-30	11	141	763	-30	9	141	X	X	X	X	X	X	X	X	X	X	X	X	733	-40	8	141	726	-42	11	161
06	753	-30	11	141	762	-31	11	180	X	X	X	X	X	X	X	X	X	X	X	X	732	-42	9	141	725	-44	10	149
09	755	-30	10	134	761	-33	12	180	758	-36	18	180	X	X	X	X	X	X	X	X	731	-45	13	360	725	-45	10	148
12	757	-31	8	141	760	-33	15	169	759	-36	17	189	X	X	X	X	X	X	X	X	730	-44	11	158	726	-43	9	360
15	758	-32	8	162	759	-33	13	180	X	X	X	X	X	X	X	X	X	X	X	X	729	-44	11	135	728	-43	9	145
18	760	-31	7	149	758	-33	15	180	X	X	X	X	X	X	X	X	X	X	X	X	728	-44	10	141	729	-43	11	360
21	762	-32	8	170	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	727	-44	11	180	730	-45	9	135
		DAY	29			DAY	30																					
00	730	-45	9	27	736	-49	10	149																				
03	729	-44	10	141	739	-50	12	161																				
06	729	-44	11	141	741	-49	23	180																				
09	729	-43	11	141	745	-49	14	187																				
12	729	-42	11	131	749	-46	10	139																				
15	731	-43	10	141	751	-43	13	181																				
18	732	-43	7	180	751	-40	12	180																				
21	734	-46	8	172	752	-38	12	176																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -36.3 STD DEV = 7.3 MAX = -21.9 AT 633 GMT ON DAY 8 MIN = -50.0 AT 349 GMT ON DAY 30
* PRESSURE (MB) * MEAN = 742.7 STD DEV = 9.6 MAX = 763.1 AT 116 GMT ON DAY 23 MIN = 722.4 AT 857 GMT ON DAY 11
* WINDS (M/S) * MEAN = 11.2 STD DEV = 4.0 RESULTANT = 9.8 FROM 153. CONSTANCY = .87 MAX = 22.9 FROM 173. AT 1420 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 35.0 % PRESSURE: 34.6 % WINDS: 34.6 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	3	3	4	10	16	22	18	14	7	3	1	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	3	1	1	0	1	1	49	13	31	0	0	0	0	0	0	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

MAY 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	754	-34	9	161	754	-26	15	141	763	-25	12	141	756	-27	15	141	X	X	X	X	755	-36	6	158	X	X	X	X
03	754	-34	8	149	754	-26	15	134	763	-27	12	136	755	-25	13	136	X	X	X	X	754	-28	5	141	753	-19	2	79
06	755	-32	8	141	754	-24	16	141	763	-27	13	141	752	-22	15	141	749	-31	15	180	754	-25	4	141	751	-19	4	70
09	756	-31	8	158	756	-24	15	141	763	-28	14	141	752	-24	14	141	750	-34	14	180	754	-24	3	127	750	-21	3	141
12	756	-28	9	149	757	-23	12	125	761	-28	15	141	750	-25	16	141	752	-34	13	173	754	-24	3	141	749	-21	3	141
15	756	-28	11	142	757	-23	14	131	760	-28	12	135	748	-26	18	149	753	-36	11	180	754	-23	3	141	747	-20	4	135
18	755	-27	13	141	760	-23	11	132	758	-27	16	135	746	-26	19	155	754	-37	8	180	754	-22	3	141	745	-21	7	125
21	754	-27	14	141	761	-24	12	141	X	X	X	X	X	X	X	X	755	-37	8	167	754	-20	3	141	743	-23	9	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	741	-23	11	141	749	-36	9	180	752	-42	13	360	756	-41	9	162	760	-28	7	141	755	-36	11	180	751	-38	12	176
03	739	-24	11	141	750	-37	10	180	752	-41	10	180	758	-41	10	179	759	-27	8	132	755	-36	12	177	750	-38	8	180
06	741	-25	7	180	752	-38	9	180	752	-41	9	180	759	-42	9	180	758	-28	6	138	754	-39	11	166	750	-38	6	163
09	743	-30	7	180	752	-40	9	187	752	-41	9	180	760	-42	9	180	757	-28	5	141	753	-41	12	181	751	-39	8	163
12	745	-33	8	161	752	-40	10	180	752	-39	7	163	761	-39	7	180	757	-31	4	180	753	-42	12	180	750	-38	7	163
15	747	-35	9	138	753	-41	11	183	752	-39	9	173	761	-37	8	160	756	-33	8	162	752	-42	12	180	750	-39	8	180
18	748	-36	6	135	753	-41	10	180	753	-40	9	180	761	-32	4	158	756	-36	9	172	751	-41	9	172	751	-40	7	180
21	748	-35	9	177	753	-42	9	360	754	-40	11	180	760	-27	6	141	755	-36	9	173	751	-40	12	172	751	-40	6	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	751	-39	7	166	749	-42	9	180	753	-48	12	360	740	-35	16	141	744	-33	13	136	754	-34	7	161	760	-34	18	173
03	752	-39	6	180	749	-45	10	180	748	-47	11	180	739	-33	14	141	745	-32	14	128	755	-33	8	162	X	X	X	X
06	751	-40	7	180	749	-47	10	27	X	X	X	X	X	X	X	X	746	-31	13	141	755	-36	12	180	X	X	X	X
09	752	-40	6	176	748	-47	13	180	X	X	X	X	X	X	X	X	747	-31	12	141	755	-36	15	180	X	X	X	X
12	751	-38	5	173	749	-47	11	180	X	X	X	X	X	X	X	X	749	-31	12	128	755	-35	8	180	X	X	X	X
15	750	-40	7	172	749	-48	12	180	X	X	X	X	742	-35	27	360	750	-32	10	131	755	-38	19	180	X	X	X	X
18	750	-41	7	180	749	-47	12	180	X	X	X	X	743	-36	13	141	752	-33	10	134	756	-37	20	179	X	X	X	X
21	749	-43	9	180	749	-47	12	360	742	-37	32	360	743	-36	15	141	753	-35	9	141	758	-36	20	170	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	29			DAY	30			DAY	31																	
00	X	X	X	X	X	X	X	X	737	-30	19	138																
03	X	X	X	X	X	X	X	X	736	-31	21	135																
06	X	X	X	X	X	X	X	X	X	X	X	X																
09	X	X	X	X	X	X	X	X	X	X	X	X																
12	X	X	X	X	X	X	X	X	X	X	X	X																
15	X	X	X	X	X	X	X	X	X	X	X	X																
18	X	X	X	X	X	X	X	X	X	X	X	X																
21	X	X	X	X	736	-31	16	45	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -33.6 STD DEV = 7.2 MAX = -18.2 AT 325 GMT ON DAY 7 MIN = -48.1 AT 1354 GMT ON DAY 16
* PRESSURE (MB) * MEAN = 752.0 STD DEV = 5.5 MAX = 763.0 AT 804 GMT ON DAY 3 MIN = 735.5 AT 2155 GMT ON DAY 30
* WINDS (M/S) * MEAN = 10.5 STD DEV = 4.5 RESULTANT = 8.3 FROM 155. CONSTANCY = .79 MAX = 21.7 FROM 141. AT 2225 GMT DAY 30
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 39.1 % PRESSURE: 39.1 % WINDS: 39.1 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	0	7	5	15	23	15	15	13	0	5	1	1	1	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	5	1	1	1	1	0	39	14	40	0	0	0	0	0	0	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

JUN 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	744	-30	3	180	742	-47	11	180	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	743	-28	6	180	744	-51	14	180	X	X	X	X	X	X	X	X	X	X	X	X	746	-48	14	180
06	X	X	X	X	743	-30	5	180	745	-52	12	170	X	X	X	X	X	X	X	X	X	X	X	X	748	-51	16	184
09	X	X	X	X	743	-33	4	149	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	749	-51	15	180
12	X	X	X	X	743	-37	6	180	X	X	X	X	X	X	X	X	X	X	X	X	740	-32	14	141	750	-51	14	180
15	745	-28	10	135	743	-40	7	180	X	X	X	X	X	X	X	X	X	X	X	X	741	-33	14	166	752	-53	17	180
18	745	-28	6	141	743	-40	4	177	X	X	X	X	X	X	X	X	X	X	X	X	743	-39	15	177	753	-52	10	161
21	744	-28	3	141	743	-36	0	0	X	X	X	X	X	X	X	X	X	X	X	X	744	-42	15	180	753	-49	11	145
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	752	-46	12	180	751	-35	9	131	759	-34	4	180	769	-24	9	141	765	-31	4	180	766	-21	7	87	756	-20	4	113
03	752	-44	8	180	752	-33	9	141	760	-32	6	180	770	-22	10	90	765	-30	11	180	764	-21	8	105	755	-20	3	121
06	751	-38	9	138	752	-32	8	141	762	-28	6	170	771	-22	8	90	767	-33	11	180	761	-21	8	90	755	-24	0	0
09	750	-38	11	132	753	-31	9	132	763	-26	6	180	770	-21	8	90	769	-33	13	181	760	-21	6	90	756	-28	5	180
12	750	-36	9	141	754	-31	7	129	765	-25	7	155	770	-22	5	96	770	-32	10	180	759	-21	6	127	760	-31	5	141
15	750	-34	9	141	754	-29	8	141	766	-24	6	141	769	-21	4	105	770	-27	6	156	757	-22	4	129	763	-33	7	162
18	750	-34	9	141	752	-28	10	111	767	-23	7	128	766	-21	5	141	769	-23	6	141	756	-28	3	141	766	-33	6	138
21	750	-35	9	135	755	-29	5	141	768	-24	9	141	765	-21	5	129	767	-21	9	90	756	-24	3	141	767	-27	5	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	769	-22	4	141	X	X	X	X	748	-13	7	360	751	-22	0	0	748	-20	9	90	741	-22	7	141	744	-28	6	141
03	770	-21	4	111	762	-13	3	44	747	-14	9	360	753	-20	4	360	746	-20	10	90	742	-22	6	141	744	-27	6	141
06	769	-21	5	111	759	-12	9	32	745	-16	7	3	753	-20	3	22	744	-21	11	90	742	-25	6	141	743	-27	5	141
09	768	-19	6	101	757	-12	11	45	743	-18	9	4	754	-19	5	21	743	-21	8	90	744	-27	5	139	743	-31	4	162
12	767	-19	6	90	752	-14	8	69	744	-21	1	342	754	-19	6	360	742	-21	9	89	745	-29	6	141	742	-36	6	176
15	767	-18	5	72	749	-15	12	45	745	-26	0	0	753	-20	7	35	743	-20	5	45	745	-28	7	136	741	-38	4	156
18	765	-18	4	94	747	-14	10	37	747	-22	2	289	751	-20	6	45	742	-21	4	129	745	-26	7	141	741	-38	6	180
21	764	-17	6	60	747	-13	8	8	749	-22	0	0	749	-20	7	90	742	-21	6	141	745	-28	6	136	742	-39	6	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	742	-38	8	180	741	-30	4	141	745	-30	2	180	X	-40	29	194	769	X	18	180	759	-33	10	179	745	-25	11	141
03	742	-40	8	177	742	-29	3	122	746	-34	0	0	X	X	18	360	X	X	35	180	757	-32	9	170	743	-26	13	141
06	742	-39	7	180	742	-28	3	134	746	-33	5	271	747	-39	24	193	766	-31	12	180	756	-30	8	180	741	-27	15	141
09	740	-32	4	141	743	-26	4	141	745	-40	4	270	751	-38	26	194	765	-32	14	173	754	-27	8	141	740	-28	17	129
12	739	-29	4	115	744	-27	6	141	742	-43	3	289	755	-36	21	180	764	-31	13	181	753	-25	8	138	X	X	X	X
15	739	-30	5	134	744	-27	6	114	738	-35	9	231	760	-36	21	180	763	-32	12	187	751	-24	9	141	X	X	X	X
18	739	-28	7	124	744	-28	4	115	736	-40	14	214	762	-34	19	180	762	-32	10	180	749	-23	9	122	X	X	X	X
21	740	-28	3	141	745	-31	2	141	736	-38	22	214	764	-34	18	186	760	-32	12	180	747	-24	10	141	X	X	X	X
		DAY	29			DAY	30																					
00	X	X	X	X	X	X	X	X																				
03	X	X	X	X	X	X	X	X																				
06	X	X	X	X	X	X	X	X																				
09	X	X	X	X	X	X	X	X																				
12	X	X	X	X	X	X	X	X																				
15	X	X	X	X	X	X	X	X																				
18	X	X	X	X	X	X	X	X																				
21	X	X	X	X	X	X	X	X																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -28.7 STD DEV = 8.8 MAX = -11.5 AT 605 GMT ON DAY 16 MIN = -52.7 AT 1508 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 752.1 STD DEV = 9.6 MAX = 770.6 AT 510 GMT ON DAY 11 MIN = 735.1 AT 1904 GMT ON DAY 24
* WINDS (M/S) * MEAN = 8.2 STD DEV = 5.2 RESULTANT = 5.7 FROM 151. CONSTANCY = .69 MAX = 26.1 FROM 194. AT 859 GMT DAY 25
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 22.9 % PRESSURE: 22.9 % WINDS: 21.7 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	5	11	21	20	20	7	6	4	2	2	2	1	1	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	4	2	4	2	9	7	34	4	28	2	2	0	1	1	0	1

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

JUL 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	4	360
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	767	-40	16	180
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	767	-39	17	184
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	753	-49	13	180	769	-37	17	180
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	770	-36	20	176
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	759	-40	19	180	771	-36	17	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	772	-35	21	166	768	-38	17	180	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	773	-35	16	180	768	-36	17	180	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	772	-35	16	180	768	-36	19	180	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	772	-35	17	170	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	745	-45	11	180
18	769	-38	16	180	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	746	-45	10	180
21	767	-39	20	179	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	747	-45	7	163
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	748	-43	11	181	749	-32	12	141	751	-34	13	141	742	-34	12	141	738	-49	13	176	727	-36	18	145	742	-43	14	180
03	749	-43	14	180	750	-31	11	141	750	-33	13	149	741	-34	11	159	737	-39	14	152	727	-35	15	180	746	-44	15	180
06	748	-41	13	180	751	-32	9	141	749	-33	13	141	739	-37	11	180	736	-40	11	141	728	-35	13	162	748	-43	12	183
09	747	-32	10	153	751	-34	8	141	748	-35	13	141	739	-42	12	172	735	-40	13	141	730	-36	12	180	752	-42	14	180
12	747	-33	13	152	752	-35	9	150	748	-35	13	141	738	-44	13	176	733	-40	15	146	732	-41	13	180	753	-39	14	180
15	747	-33	13	141	753	-34	11	149	746	-35	13	143	738	-48	13	180	730	-38	17	141	733	-42	17	177	755	-38	16	180
18	747	-32	13	141	752	-34	11	159	745	-35	13	141	738	-50	15	180	729	-37	16	141	736	-42	16	180	756	-37	21	194
21	747	-32	12	141	751	-33	11	141	743	-35	14	145	737	-50	14	180	728	-36	15	141	739	-45	15	180	X	X	X	X
		DAY	29			DAY	30			DAY	31																	
00	X	-36	26	360	769	-35	10	169	758	-32	17	172																
03	764	-35	13	180	768	-33	10	180	757	-32	16	180																
06	765	-37	17	194	767	-31	10	177	755	-32	18	180																
09	767	-38	18	184	766	-31	12	183	753	-31	17	180																
12	768	-36	15	180	764	-35	15	188	751	-31	15	166																
15	769	-35	15	180	763	-36	15	180	749	-34	13	176																
18	769	-36	12	180	761	-34	15	180	747	-37	16	179																
21	769	-34	13	173	760	-34	14	180	745	-38	15	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -37.2 STD DEV = 4.6 MAX = -29.2 AT 709 GMT ON DAY 30 MIN = -54.2 AT 1425 GMT ON DAY 13

* PRESSURE (MB) * MEAN = 751.3 STD DEV = 12.8 MAX = 789.0 AT 658 GMT ON DAY 14 MIN = 727.3 AT 340 GMT ON DAY 27

* WINDS (M/S) * MEAN = 14.1 STD DEV = 3.2 RESULTANT = 12.9 FROM 169. CONSTANCY = .92 MAX = 22.9 FROM 177. AT 508 GMT DAY 16

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 60.5 % PRESSURE: 60.9 % WINDS: 60.1 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	0	1	0	2	4	15	29	21	19	5	2	1	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	2	0	0	0	0	0	23	12	61	2	0	0	0	0	0	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

AUG 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	X	X	X	X	729	-48	17	180	728	-47	11	138	732	-42	16	153	731	-41	7	180	731	-36	10	141	730	-36	12	141
03	742	-38	17	180	727	-49	18	180	730	-47	11	143	732	-43	13	160	731	-42	9	176	729	-35	12	141	730	-37	9	180
06	X	X	X	X	725	-49	17	180	730	-46	10	141	732	-44	11	180	731	-48	12	184	728	-34	16	128	730	-40	10	176
09	X	X	X	X	724	-50	18	180	731	-46	10	141	733	-42	12	180	732	-50	12	180	729	-34	14	134	731	-44	11	174
12	X	X	X	X	725	-50	14	180	731	-45	12	149	733	-40	10	161	733	-50	11	170	729	-34	13	141	731	-46	14	172
15	X	X	X	X	725	-51	14	177	731	-44	12	141	732	-39	8	159	733	-46	10	180	729	-34	13	141	731	-46	13	180
18	733	-44	19	180	725	-52	13	180	730	-43	13	141	732	-38	7	167	732	-39	8	150	730	-35	13	139	731	-45	13	180
21	732	-47	13	181	726	-48	10	149	731	-43	13	170	731	-39	8	161	731	-37	8	134	730	-35	14	141	730	-45	13	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	730	-46	10	174	732	-43	12	180	738	-43	10	141	736	-42	9	180	731	-48	10	177	736	-47	6	169	741	-34	13	141
03	729	-43	10	180	733	-44	11	180	739	-42	8	149	735	-42	9	180	731	-47	12	183	738	-46	9	174	740	-32	13	142
06	729	-40	14	170	735	-43	11	161	739	-42	10	141	733	-42	8	180	732	-46	10	180	739	-46	10	174	738	-31	14	125
09	729	-39	13	158	736	-42	13	149	739	-41	10	141	732	-41	7	160	732	-44	9	180	740	-48	9	180	737	-30	16	141
12	730	-41	11	160	736	-43	12	141	739	-41	11	141	732	-38	8	161	733	-44	7	162	742	-48	9	180	735	-30	15	141
15	731	-43	12	180	737	-43	12	141	739	-40	10	153	731	-44	9	169	734	-44	7	180	743	-48	8	170	734	-30	13	141
18	731	-41	15	141	737	-43	12	148	738	-42	8	180	731	-47	13	180	735	-43	7	153	743	-42	6	152	733	-29	13	132
21	732	-40	13	149	738	-43	10	141	738	-43	9	166	730	-48	12	180	735	-45	6	180	742	-37	11	141	732	-30	17	125
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	732	-30	16	141	728	-36	13	166	731	-45	17	184	738	-43	8	180	X	X	X	X	X	X	X	X	X	X	X	X
03	731	-31	16	141	728	-38	11	180	732	-47	16	180	738	-40	8	180	X	X	X	X	X	X	X	X	X	X	X	X
06	731	-31	13	135	728	-39	13	180	733	-50	17	180	738	-39	11	141	X	X	X	X	X	X	X	X	X	X	X	X
09	731	-32	18	139	728	-41	12	169	734	-52	15	188	738	-39	13	141	X	X	X	X	X	X	X	X	X	X	X	X
12	731	-32	16	141	728	-43	16	193	734	-52	14	180	739	-39	10	163	X	X	X	X	X	X	X	X	X	X	X	X
15	730	-34	15	141	729	-42	15	180	736	-50	12	176	740	-44	13	172	X	X	X	X	X	X	X	X	X	X	X	X
18	729	-33	15	141	730	-42	13	161	737	-48	10	167	741	-46	12	180	X	X	X	X	X	X	X	X	X	X	X	X
21	729	-34	14	150	730	-44	17	180	738	-48	8	180	742	-48	15	176	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		DAY	29			DAY	30			DAY	31																	
00	X	X	X	X	732	-50	17	186	732	-44	12	180																
03	X	X	X	X	733	-51	15	174	730	-41	12	180																
06	X	X	X	X	734	-51	15	176	730	-42	11	156																
09	738	X	15	180	734	-52	17	180	730	-42	13	170																
12	737	-48	17	193	735	-52	14	180	729	-44	12	149																
15	736	-50	16	180	736	-52	13	174	730	-45	9	141																
18	734	-50	16	193	735	-51	13	172	731	-42	9	143																
21	733	-51	16	180	733	-46	12	180	732	-44	6	136																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -42.5 STD DEV = 5.7 MAX = -29.2 AT 2043 GMT ON DAY 14 MIN = -52.2 AT 1251 GMT ON DAY 17
* PRESSURE (MB) * MEAN = 732.9 STD DEV = 4.0 MAX = 743.0 AT 105 GMT ON DAY 1 MIN = 723.9 AT 916 GMT ON DAY 2
* WINDS (M/S) * MEAN = 12.1 STD DEV = 3.0 RESULTANT = 11.5 FROM 164. CONSTANCY = .95 MAX = 21.7 FROM 121. AT 1431 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 35.9 % PRESSURE: 35.5 % WINDS: 35.5 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	0	0	1	8	17	21	28	13	11	2	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	0	0	28	19	51	2	0	0	0	0	0	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

SEP 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	734	-42	7	146	741	-36	10	150	725	-26	10	118	736	-28	4	45	746	-29	10	141	734	-33	5	104	737	-43	6	165
03	735	-41	6	141	739	-34	12	141	725	-25	7	141	738	-30	5	135	745	-30	10	129	732	-35	3	124	739	-42	7	160
06	736	-41	6	138	737	-33	15	141	724	-25	6	141	741	-31	5	111	745	-29	9	141	730	-33	0	0	738	-32	7	141
09	737	-42	6	135	736	-32	16	135	724	-26	5	141	743	-31	5	101	744	-31	9	134	730	-42	4	218	738	-30	12	141
12	739	-43	4	141	733	-31	16	138	724	-26	3	166	744	-29	9	90	743	-32	8	141	731	-45	4	200	738	-29	13	141
15	741	-43	4	141	729	-31	16	141	726	-27	2	118	745	-29	10	115	741	-32	8	129	733	-46	6	180	737	-28	17	125
18	740	-41	8	141	727	-31	13	141	729	-30	2	98	745	-30	9	141	738	-31	5	141	734	-46	7	163	736	-28	18	141
21	741	-40	9	143	726	-28	11	141	732	-32	2	90	745	-31	11	145	736	-32	5	139	735	-45	5	180	736	-28	18	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	737	-28	17	141	730	-26	18	141	732	-35	8	150	741	-30	6	142	736	-35	6	180	725	-48	14	180	732	-33	4	141
03	736	-27	18	136	729	-26	15	141	733	-34	9	149	742	-30	4	149	734	-35	6	161	726	-45	14	180	733	-33	6	136
06	738	-27	16	118	728	-27	17	146	733	-33	9	152	742	-29	2	141	731	-37	8	180	729	-45	14	180	732	-33	5	135
09	739	-29	16	141	728	-28	14	141	734	-34	13	146	742	-27	1	158	730	-42	9	180	732	-47	12	180	731	-33	7	134
12	740	-29	14	141	729	-29	14	141	735	-35	10	141	742	-32	2	170	729	-43	11	179	735	-49	6	149	730	-32	6	141
15	739	30	14	141	730	-31	11	141	737	-32	8	141	741	-38	5	167	727	-46	10	176	735	-46	9	155	731	-30	4	141
18	737	-28	16	149	731	-34	9	141	738	-30	8	141	739	-36	5	180	725	-48	10	176	734	-39	4	170	731	-36	3	172
21	734	-27	16	150	731	-35	9	160	740	-30	7	141	738	-34	8	180	725	-49	13	180	732	-34	5	124	732	-42	5	170
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	733	-37	5	172	741	-49	11	170	749	-40	11	170	739	-42	12	180	733	-54	15	179	734	-45	16	179	747	-43	7	180
03	734	-38	6	163	744	-47	12	183	747	-36	12	180	738	-41	12	180	733	-50	12	180	736	-41	13	180	748	-40	10	180
06	735	-40	8	180	747	-46	15	183	746	-36	16	165	737	-42	11	174	733	-49	13	180	737	-40	9	180	748	-38	9	180
09	736	-45	9	180	750	-46	10	180	745	-36	11	180	736	-46	9	169	733	-50	13	187	738	-40	9	180	748	-41	9	180
12	737	-47	8	152	751	-49	13	180	744	-36	10	180	735	-50	9	180	733	-51	15	184	740	-41	12	173	748	-44	11	180
15	737	-48	9	180	752	-48	12	179	742	-39	11	180	734	-52	10	180	732	-50	15	180	742	-42	12	169	747	-44	13	176
18	738	-48	9	177	750	-46	16	176	741	-40	12	166	733	-55	13	180	732	-50	10	180	744	-45	11	180	745	-41	10	180
21	739	-49	12	180	749	-41	17	180	740	-42	15	170	733	-56	15	180	733	-47	12	180	746	-46	11	180	741	-35	10	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	737	-30	11	149	728	-45	16	179	731	-40	6	152	730	-38	11	141	732	-39	7	149	722	-41	13	141	732	-48	14	180
03	734	-29	10	141	729	-41	10	170	731	-37	8	134	X	X	X	X	732	-36	7	180	721	-38	13	141	734	-45	13	180
06	731	-31	9	180	730	-39	10	180	730	-37	11	131	X	X	X	X	732	-37	7	160	721	-37	14	141	735	-45	12	180
09	730	-36	11	172	731	-43	9	180	730	-37	9	141	731	-38	10	141	730	-39	8	153	722	-39	14	145	736	-46	11	173
12	729	-42	12	180	732	-45	9	170	730	-39	10	141	732	-38	9	149	729	-40	9	141	724	-40	12	141	736	-47	9	172
15	727	-46	12	180	732	-46	9	180	729	-39	9	145	732	-38	8	161	727	-42	10	141	725	-42	11	180	737	-46	9	167
18	727	-47	13	180	732	-47	9	180	729	-41	12	142	732	-39	9	146	725	-42	12	141	727	-46	14	180	737	-47	10	180
21	727	-47	14	180	732	-46	7	170	729	-40	12	141	732	-39	6	160	723	-43	13	145	730	-49	14	180	737	-47	8	180
		DAY	29			DAY	30																					
00	736	-39	8	141	722	-39	13	180																				
03	735	-37	9	141	720	-36	12	170																				
06	734	-37	7	170	718	-37	12	180																				
09	732	-39	10	141	717	-41	13	180																				
12	730	-40	11	155	716	-44	13	180																				
15	728	-39	13	150	715	-43	13	172																				
18	726	-41	12	166	714	-42	12	180																				
21	724	-40	13	180	714	-41	13	169																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -38.4 STD DEV = 7.0 MAX = -25.0 AT 510 GMT ON DAY 3 MIN = -56.4 AT 2201 GMT ON DAY 18
* PRESSURE (MB) * MEAN = 734.3 STD DEV = 7.2 MAX = 753.3 AT 1405 GMT ON DAY 16 MIN = 713.9 AT 2240 GMT ON DAY 30
* WINDS (M/S) * MEAN = 10.0 STD DEV = 3.7 RESULTANT = 9.4 FROM 160. CONSTANCY = .94 MAX = 22.9 FROM 131. AT 1801 GMT DAY 7
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .8 % WINDS: .8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	1	3	11	14	18	21	17	8	4	2	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	2	3	36	14	45	0	0	0	0	0	0	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

OCT 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	714	-34	15	143	730	-32	11	162	737	-31	10	134	731	-40	14	180	742	-40	11	180	744	-42	10	146	750	-41	12	179
03	714	-34	16	141	733	-30	10	152	736	-30	10	156	732	-36	14	180	742	-36	8	180	745	-38	10	180	752	-36	12	180
06	715	-35	14	149	735	-30	10	180	735	-30	11	181	733	-35	11	186	741	-33	7	165	745	-38	10	180	753	-36	12	180
09	716	-36	15	141	737	-31	10	180	734	-36	10	180	735	-36	14	184	741	-32	5	150	746	-42	10	141	753	-40	15	180
12	718	-36	13	141	739	-35	12	170	733	-39	12	180	736	-38	14	180	740	-35	6	170	746	-44	9	150	754	-41	9	139
15	720	-34	14	141	739	-37	10	180	732	-42	16	181	738	-41	15	180	741	-39	9	180	747	-44	11	180	754	-43	16	181
18	723	-34	14	141	739	-39	10	172	732	-44	14	183	740	-44	16	176	742	-41	9	180	748	-45	10	180	753	-41	11	180
21	726	-34	15	141	738	-34	10	161	731	-44	14	180	741	-45	11	155	743	-43	12	179	749	-45	12	180	753	-38	11	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	752	-34	9	180	745	-32	17	141	744	-32	15	141	745	-35	8	159	742	-33	12	141	748	-30	14	141	748	-33	9	172
03	751	-29	10	149	745	-31	19	141	745	-29	14	148	744	-31	10	136	742	-30	13	156	749	-27	11	141	747	-31	10	180
06	750	-29	12	141	744	-31	17	141	746	-30	16	149	743	-30	12	148	743	-30	13	141	750	-27	10	138	747	-31	12	176
09	749	-31	12	141	745	-33	16	143	747	-32	10	180	742	-33	9	141	744	-31	13	141	751	-30	9	141	747	-35	15	181
12	749	-33	11	141	744	-33	18	141	747	-35	10	180	742	-36	9	141	745	-32	14	141	751	-33	7	149	748	-39	13	180
15	748	-33	12	153	744	-32	19	142	747	-37	8	149	741	-38	11	129	745	-31	14	141	751	-36	5	180	749	-40	12	180
18	747	-34	13	141	744	-32	15	141	746	-39	9	156	741	-39	11	141	746	-31	17	146	750	-39	5	180	749	-43	11	170
21	747	-34	12	143	744	-33	16	141	746	-38	9	180	741	-37	13	141	747	-32	16	142	749	-35	8	167	750	-43	16	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	750	-41	15	141	752	-41	10	180	754	-44	13	180	748	-37	13	180	751	-36	15	180	753	-30	9	155	743	-31	11	141
03	750	-37	13	180	751	-40	15	180	753	-39	17	188	748	-34	14	176	752	-31	18	174	752	-26	7	148	742	-29	10	170
06	750	-35	11	180	753	-40	8	170	752	-38	14	180	747	-34	15	180	753	-31	13	180	751	-26	5	160	741	-30	12	159
09	750	-37	10	176	754	-40	21	168	752	-40	15	180	748	-38	12	179	755	-34	11	180	750	-29	6	141	740	-32	11	160
12	750	-39	12	172	752	-41	15	186	752	-42	8	149	748	-41	17	180	755	-37	13	180	748	-32	8	141	740	-33	14	161
15	750	-41	10	180	753	-43	17	180	752	-43	12	181	748	-42	18	180	754	-39	12	180	747	-33	8	141	740	-34	14	180
18	750	-43	12	180	753	-46	18	187	750	-43	13	180	749	-42	19	179	754	-39	12	166	746	-33	11	143	740	-36	17	170
21	750	-44	15	180	754	-47	15	180	749	-40	10	158	750	-41	17	180	754	-36	11	180	745	-33	11	141	741	-35	14	169
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	743	-32	14	180	757	-27	8	136	760	-23	4	141	741	-23	15	135	749	-29	14	180	762	-24	6	180	770	-17	0	0
03	746	-29	12	180	756	-24	9	90	759	-22	7	141	740	-23	15	141	751	-27	13	193	763	-20	3	145	770	-16	6	148
06	747	-28	15	174	754	-25	11	90	757	-21	8	141	741	-23	12	141	753	-26	10	180	764	-14	0	0	770	-16	6	155
09	750	-31	12	188	753	-26	12	111	756	-21	9	135	742	-24	8	141	755	-28	8	198	765	-19	0	0	770	-18	7	180
12	752	-35	13	180	755	-27	9	91	753	-21	13	120	744	-27	6	180	756	-29	9	180	766	-21	0	0	770	-21	7	141
15	755	-34	10	180	756	-29	4	101	748	-20	13	117	744	-28	7	176	758	-28	9	206	767	-27	0	0	769	-20	9	159
18	756	-36	8	180	757	-30	4	141	745	-22	20	115	745	-31	11	180	759	-29	12	188	768	-29	0	0	769	-20	7	141
21	757	-31	7	150	759	-31	4	141	742	-23	17	141	747	-32	13	198	761	-28	7	180	769	-23	0	0	768	-20	9	141
		DAY	29			DAY	30			DAY	31																	
00	767	-17	8	161	752	-21	10	141	738	-23	14	141																
03	765	-15	8	141	749	-20	10	141	737	-23	16	141																
06	763	-16	7	149	747	-19	9	110	737	-23	16	141																
09	762	-19	9	141	745	-21	13	115	737	-25	16	143																
12	760	-22	8	141	743	-22	12	141	737	-27	15	141																
15	758	-23	8	141	741	-23	12	141	736	-29	11	180																
18	757	-24	9	141	740	-25	14	141	735	-34	13	180																
21	755	-23	10	136	739	-25	14	138	733	-34	15	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -32.2 STD DEV = 7.3 MAX = -12.6 AT 742 GMT ON DAY 27 MIN = -47.0 AT 1941 GMT ON DAY 16
* PRESSURE (MB) * MEAN = 747.4 STD DEV = 10.0 MAX = 770.5 AT 1130 GMT ON DAY 28 MIN = 713.8 AT 40 GMT ON DAY 1
* WINDS (M/S) * MEAN = 11.3 STD DEV = 3.8 RESULTANT = 10.6 FROM 161. CONSTANCY = .93 MAX = 22.0 FROM 149. AT 1239 GMT DAY 9
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: .0 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	3	1	4	8	18	20	19	17	6	2	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	2	2	34	15	46	2	0	0	0	0	0	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

NOV 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	732	-30	16	180	740	-29	9	141	750	-23	7	90	746	-26	16	141	748	-24	13	174	X	X	X	X	744	-29	15	141
03	732	-28	14	180	742	-27	9	141	749	-23	7	90	746	-23	12	134	747	-22	18	176	X	X	X	X	744	-28	16	149
06	732	-28	12	180	744	-24	5	90	749	-22	8	120	746	-24	14	161	746	-20	13	180	X	X	X	X	743	-28	13	150
09	733	-30	10	180	746	-23	4	90	749	-23	7	135	747	-25	15	159	746	-22	13	180	745	-27	16	180	743	-31	13	170
12	734	-34	9	180	747	-23	5	75	748	-25	11	141	748	-30	17	161	745	-26	17	180	741	-32	17	149	743	-33	13	141
15	734	-34	9	153	748	-24	4	122	748	-29	12	138	X	X	X	X	X	X	X	X	740	-33	14	148	743	-34	15	141
18	736	-37	7	180	749	-24	6	122	747	-30	14	141	X	X	X	X	X	X	X	X	742	-31	13	141	744	-34	12	142
21	737	-35	9	180	749	-24	7	101	746	-28	17	148	X	X	X	X	X	X	X	X	743	-31	17	136	744	-34	13	142
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	745	-31	11	141	741	-31	9	148	738	-31	9	166	743	-24	9	141	759	-20	11	141	758	-20	13	141	754	-23	12	145
03	744	-28	9	141	740	-28	9	149	738	-27	9	141	745	-20	8	120	760	-18	9	118	758	-19	13	135	754	-21	13	146
06	744	-27	9	141	739	-28	11	141	738	-26	9	141	746	-19	8	120	759	-19	11	141	757	-19	12	141	754	-21	11	138
09	744	-29	6	136	739	-29	9	150	738	-27	9	141	749	-20	7	141	759	-20	12	118	757	-21	12	141	754	-22	11	141
12	743	-33	10	148	739	-33	9	160	738	-29	11	153	752	-21	6	141	759	-21	10	141	756	-25	12	148	753	-25	12	141
15	742	-35	9	141	738	-34	10	149	738	-31	10	146	754	-21	9	138	759	-22	9	141	756	-26	13	141	752	-27	13	149
18	741	-35	12	141	738	-35	9	149	738	-33	11	141	757	-22	10	141	759	-22	11	138	755	-27	11	156	751	-27	13	141
21	741	-35	12	143	738	-34	8	180	740	-30	9	141	759	-22	11	141	759	-22	11	141	754	-24	13	141	752	-26	13	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	751	-22	13	141	750	-22	10	141	750	-22	8	156	748	-19	11	155	744	-26	13	170	742	-27	12	180	742	-24	17	170
03	751	-20	13	141	750	-19	8	141	750	-18	9	149	747	-19	11	180	743	-26	13	180	742	-25	16	165	742	-22	17	156
06	751	-20	11	127	750	-19	9	148	750	-17	10	170	747	-19	10	161	742	-27	14	180	742	-24	13	161	743	-21	17	141
09	752	-21	10	138	750	-21	5	153	750	-19	10	146	746	-21	12	156	741	-28	15	180	742	-26	13	170	743	-21	18	153
12	752	-25	8	141	750	-25	7	180	749	-22	12	148	746	-24	10	152	742	-30	13	180	742	-28	14	180	744	-22	15	141
15	752	-26	10	141	750	-27	8	141	749	-23	14	141	746	-27	10	158	742	-32	12	159	742	-29	17	162	744	-24	15	141
18	751	-27	8	148	750	-28	8	141	749	-23	13	141	745	-28	10	180	743	-34	12	166	742	-30	16	167	745	-24	13	148
21	751	-25	11	135	751	-25	5	169	748	-20	11	141	744	-27	12	180	742	-32	12	180	742	-27	17	163	745	-20	15	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	745	-18	15	125	755	-20	11	145	756	-18	14	141	752	-20	13	141	751	-20	14	142	758	-19	15	141	763	-17	7	141
03	746	-17	15	124	755	-17	15	141	755	-16	12	141	751	-18	10	141	752	-17	11	141	758	-15	12	141	763	-16	7	141
06	746	-17	16	120	756	-17	13	142	755	-16	12	148	751	-17	12	145	753	-17	12	141	759	-15	11	141	763	-15	6	141
09	747	-17	15	141	757	-18	12	128	755	-19	10	148	751	-18	10	146	753	-18	10	146	760	-17	9	141	763	-16	3	141
12	749	-17	12	115	758	-21	11	141	754	-22	12	180	751	-21	11	141	755	-20	9	141	760	-20	10	146	762	-19	7	141
15	751	-18	14	141	757	-23	12	141	753	-23	13	161	751	-23	12	141	755	-22	9	141	760	-22	10	141	762	-23	7	143
18	752	-20	14	141	757	-23	14	149	752	-24	13	155	751	-23	13	141	756	-23	11	141	761	-20	5	152	761	-23	11	141
21	754	-20	13	141	756	-22	11	149	752	-22	13	150	752	-23	11	153	757	-21	12	141	762	-18	8	141	760	-21	13	138
		DAY	29			DAY	30																					
00	759	-18	10	141	754	-20	15	124																				
03	759	-16	9	129	754	-18	18	136																				
06	758	-16	9	141	754	-18	13	141																				
09	757	-17	11	117	755	-19	13	141																				
12	757	-19	12	141	756	-21	11	128																				
15	756	-23	12	141	756	-22	13	141																				
18	755	-24	12	142	757	-22	10	141																				
21	754	-22	14	141	759	-20	10	141																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -23.7 STD DEV = 5.1 MAX = -14.5 AT 550 GMT ON DAY 27 MIN = -37.0 AT 1758 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 749.1 STD DEV = 7.1 MAX = 762.7 AT 306 GMT ON DAY 28 MIN = 731.5 AT 504 GMT ON DAY 1
* WINDS (M/S) * MEAN = 11.4 STD DEV = 3.0 RESULTANT = 10.9 FROM 148. CONSTANCY = .96 MAX = 20.6 FROM 172. AT 1202 GMT DAY 5
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 3.8 % PRESSURE: 3.8 % WINDS: 3.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	0	1	3	7	21	25	26	10	6	1	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	0	0	2	4	57	22	14	0	0	0	0	0	0	0

STATION : 8916 D-57 LAT : 68.2 S LONG : 137.5E ELEVATION : 2103 M

DEC 82

HR	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD	PP	TT	VV	DD
		DAY	1			DAY	2			DAY	3			DAY	4			DAY	5			DAY	6			DAY	7	
00	760	-18	9	141	752	-20	17	141	752	-15	9	90	768	-13	3	141	763	-14	6	145	761	-12	2	141	769	-14	9	135
03	761	-17	11	127	747	-18	19	141	755	-15	8	69	768	-13	4	141	762	-14	6	141	761	-9	2	134	769	-13	8	105
06	762	-16	10	129	744	-18	25	139	758	-14	7	45	767	-13	3	141	761	-13	5	141	762	-12	6	141	769	-14	11	111
09	762	-16	10	111	743	-17	19	129	760	-15	7	46	767	-13	1	141	760	-15	4	141	763	-14	6	141	769	-15	9	111
12	762	-17	10	141	742	-16	14	141	763	-16	5	45	767	-19	3	172	760	-16	4	136	765	-15	5	141	768	-15	11	135
15	760	-21	12	141	743	-16	11	90	765	-16	3	79	765	-23	5	180	759	-18	3	135	766	-15	5	122	767	-17	12	117
18	758	-21	11	141	745	-17	9	82	766	-16	2	90	764	-23	5	180	759	-17	5	141	767	-17	8	132	766	-17	10	105
21	755	-23	14	150	749	-17	10	93	767	-15	2	111	764	-17	6	180	760	-16	4	141	768	-15	7	141	764	-17	10	121
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	763	-16	12	135	758	-13	8	139	759	-18	11	160	765	-19	12	180	769	-18	12	180	762	-18	14	155	759	-17	15	142
03	761	-14	13	118	758	-12	8	138	760	-16	10	170	766	-15	13	180	768	-16	11	180	760	-16	14	141	760	-14	15	141
06	760	-14	12	111	758	-12	7	145	760	-16	10	180	767	-15	10	158	768	-15	11	161	760	-15	14	141	760	-15	13	141
09	759	-15	13	110	757	-14	6	141	761	-17	9	179	769	-16	8	141	768	-16	12	177	758	-17	15	149	761	-15	12	141
12	758	-16	10	141	757	-17	7	160	761	-20	8	180	769	-19	10	180	767	-20	13	172	759	-20	12	136	761	-17	10	146
15	758	-17	9	141	758	-20	9	180	762	-23	9	172	770	-22	8	149	766	-22	10	180	758	-21	14	141	759	-19	11	139
18	758	-16	7	131	759	-21	10	170	763	-24	12	179	770	-23	4	90	764	-23	15	180	759	-21	14	141	758	-20	14	155
21	759	-16	8	141	759	-20	11	180	764	-23	12	180	770	-20	10	156	764	-22	13	166	759	-19	14	141	757	-20	13	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	756	-17	17	141	756	-16	10	90	761	-12	15	143	761	-11	16	148	764	-12	13	141	766	-15	13	141	761	-16	12	141
03	755	-16	16	143	757	-14	10	100	762	-11	13	132	760	-9	13	141	765	-11	13	141	765	-13	14	141	761	-14	13	141
06	754	-15	13	141	758	-14	11	90	762	-11	11	129	760	-9	13	131	766	-10	13	136	765	-12	12	141	762	-14	11	141
09	754	-16	12	141	759	-13	8	110	763	-11	11	141	760	-10	11	141	766	-11	14	141	764	-14	12	148	762	-15	7	135
12	753	-17	9	141	760	-13	8	120	763	-13	8	139	761	-13	8	141	767	-13	11	141	764	-16	14	160	762	-19	8	146
15	752	-16	10	117	761	-13	6	141	763	-15	9	141	761	-12	13	132	768	-13	11	141	763	-18	13	149	762	-21	10	141
18	752	-18	9	94	761	-14	9	142	762	-16	13	141	761	-13	13	141	768	-14	12	132	762	-19	13	141	761	-22	10	141
21	754	-18	8	104	761	-13	12	141	762	-14	14	141	763	-13	13	131	767	-17	10	156	762	-18	13	142	762	-21	11	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	762	-17	9	142	762	-17	9	141	762	-17	4	180	768	-18	12	153	767	-19	13	167	762	-17	10	141	762	-16	14	141
03	762	-15	10	141	762	-15	9	135	762	-14	4	177	768	-15	6	120	766	-18	15	163	761	-16	11	141	763	-14	13	135
06	762	-15	9	141	762	-14	6	141	763	-13	3	180	767	-13	4	180	765	-17	13	170	760	-16	11	141	763	-14	13	131
09	762	-17	5	141	763	-14	1	141	764	-15	3	141	767	-13	3	169	764	-19	10	141	760	-17	11	120	764	-14	15	121
12	762	-20	4	150	763	-21	4	180	765	-20	2	170	767	-18	7	180	763	-20	12	152	760	-20	9	141	765	-16	10	141
15	762	-23	6	166	762	-25	5	172	766	-24	6	180	768	-22	8	180	763	-21	9	141	760	-19	10	141	766	-16	9	141
18	761	-22	7	141	762	-25	6	173	767	-23	6	173	768	-22	9	155	763	-22	8	141	760	-19	11	134	768	-19	9	141
21	762	-20	9	141	762	-22	5	180	767	-21	13	180	768	-21	9	180	763	-20	9	141	761	-18	12	141	768	-16	9	136
		DAY	29			DAY	30			DAY	31																	
00	768	-14	13	135	763	-15	18	117	765	-14	18	121																
03	768	-14	14	90	762	-15	19	141	X	X	X	X																
06	768	-14	13	111	762	-15	19	141	X	X	X	X																
09	768	-14	13	111	762	-14	18	115	X	X	X	X																
12	767	-15	13	118	763	-15	13	115	X	X	X	X																
15	766	-15	13	141	763	-15	18	115	X	X	X	X																
18	765	-15	15	120	763	-15	18	135	X	X	X	X																
21	764	-16	17	120	764	-14	15	141	X	X	X	X																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -16.3 STD DEV = 3.3 MAX = -8.8 AT 518 GMT ON DAY 18 MIN = -25.5 AT 1616 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 762.0 STD DEV = 4.9 MAX = 770.3 AT 1824 GMT ON DAY 11 MIN = 742.1 AT 1200 GMT ON DAY 2
* WINDS (M/S) * MEAN = 10.2 STD DEV = 4.0 RESULTANT = 9.4 FROM 140. CONSTANCY = .93 MAX = 24.6 FROM 139. AT 543 GMT DAY 2
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.8 % PRESSURE: 2.8 % WINDS: 2.8 %

WIND SPEED (M/S):	0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+
PERCENT:	2	6	9	10	21	18	22	7	2	2	0	0	0	0	0	0	0	0	0

WIND DIRECTION:	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
PERCENT	0	0	1	0	5	12	55	10	17	0	0	0	0	0	0	0

Field Report

Antarctic Automatic Weather Stations

November - December 1981

Michael L. Savage
Charles R. Stearns

University of Wisconsin-Madison

January 1982

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1. Summary of Field Work

1. 4 new stations were deployed and are operating properly:

8909	Siple	
8910	Laurie	8 miles east of Cape Crozier on the Ice Shelf
8911	Jimmy	2 miles north of McMurdo near Arrival Heights
8913	Whitlock	120 miles north of McMurdo on Franklin Island

2. 5 of the existing stations (8903, 8904, 8905, 8906, 8908) were visited. Aerovanes were replaced and calibration readings obtained.

3. An ARGOS test set was used to obtain ground truth calibration readings. Temperature, pressure and wind direction data were found to be accurate, but the AWS have been overstating the wind speed by about 15% since the beginning of the program.

4. The wind direction wiring at Asgard (8908) was reversed last year. We remedied the problem and will correct last year's data.

5. Asgard was blown over last year. We reinstalled the station using longer and heavier anchor lines.

6. We found that the 2 aerovane wind speed sensors that had failed last year (8906 and 8908) did so as the result of a poor solder joint. We reworked all the aerovanes to prevent any more failures.

7. We were unable to find the 2 stations (8907 and 8915) that were deployed on the ice shelf last year.

8. New ROMs were installed in the TIP decoder at McMurdo in order to correct a software error that was causing inaccurate pressure calculations.

9. Figures 1 and 2 and Tables 1 and 2 summarize the AWS deployments.

TABLE 1

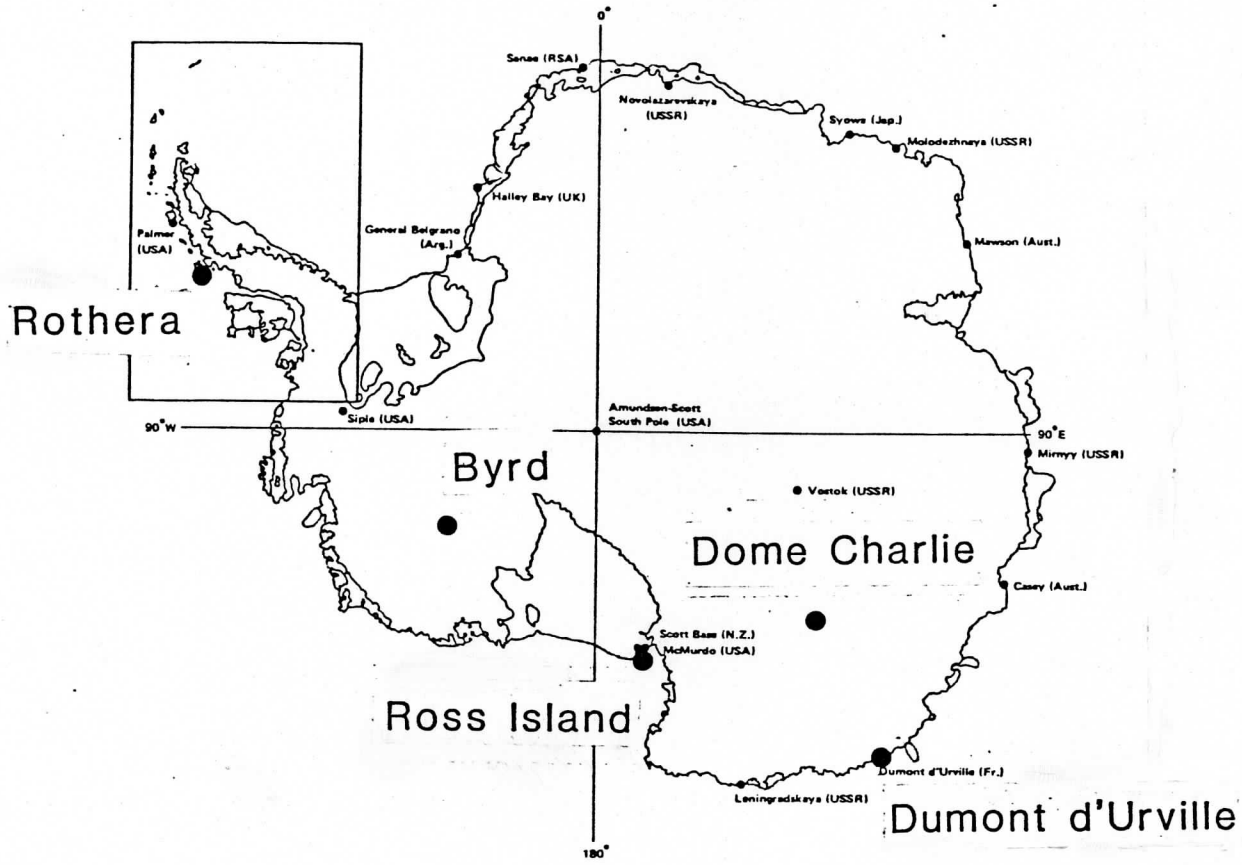
CURRENT AWS DEPLOYMENT

Name	ID #	Location	Elevation	Began	Comments
Marble Point	8906	77°26'S, 163°45'E	120 m	Feb 80	wind speed sensor failed May 81; replaced Nov 81
Asgard	8908	77°36'S, 161°04'E	1750 m	Feb 80	wind speed sensor failed June 81; replaced Nov 81
Manning	8905	78°46'S, 166°56'E	66 m	Nov 80	wind speed sensor suspect; replaced Dec 81
Meeley	8915	78°31'S, 170°11'E	49 m	Dec 80	no problems
Ferrell	8907	78°01'S, 170°48'E	44 m	Dec 80	no problems
Laurie	8910	77°33'S, 169°54'E	27 m	Dec 81	no problems
Jimmy	8911	77°48'S 166°42'E	200 m	Dec 81	no problems
Whitlock	8913	76°05'S 168°20'E	274 m	Jan 82	no problems
D-10	8901	66°42'S, 139°50'E	240 m	Jan 80	failed May 81
D-17	8900	66°44'S, 139°42'E	438 m	Jan 80	failed June 80
D-57	8916	68°11'S, 137°31'E	2103 m	Jan 81	erratic transmissions
Dome Charlie	8904	74°30'S, 123°00'E	3280 m	Feb 80	no problems
Byrd	8903	80°00'S, 120°00'W	1530 m	Feb 80	no problems
Siple	8909	75°54'S, 84°18'W	900 m	Dec 81	no problems

TABLE 2

PROPOSED AWS DEPLOYMENTS

Name	Location	Elevation	Deployment Date	Comments
Ice Rise	66°57'S, 60°36'W	50 m	Dec 82	Antarctic Peninsula
Spine	67°36'S, 66°00'W	1540 m	Jun 82	Antarctic Peninsula
Fossil Bluff	71°20'S, 68°17'W	70 m	Dec 82	Antarctic Peninsula
Butler Island	72°04'S, 60°21'W	130 m	Dec 82	Antarctic Peninsula
D-47	67°24'S,138°43'E	1554 m	Feb 82	South of Dumont d'Urville



ANTARCTICA

Figure 1.

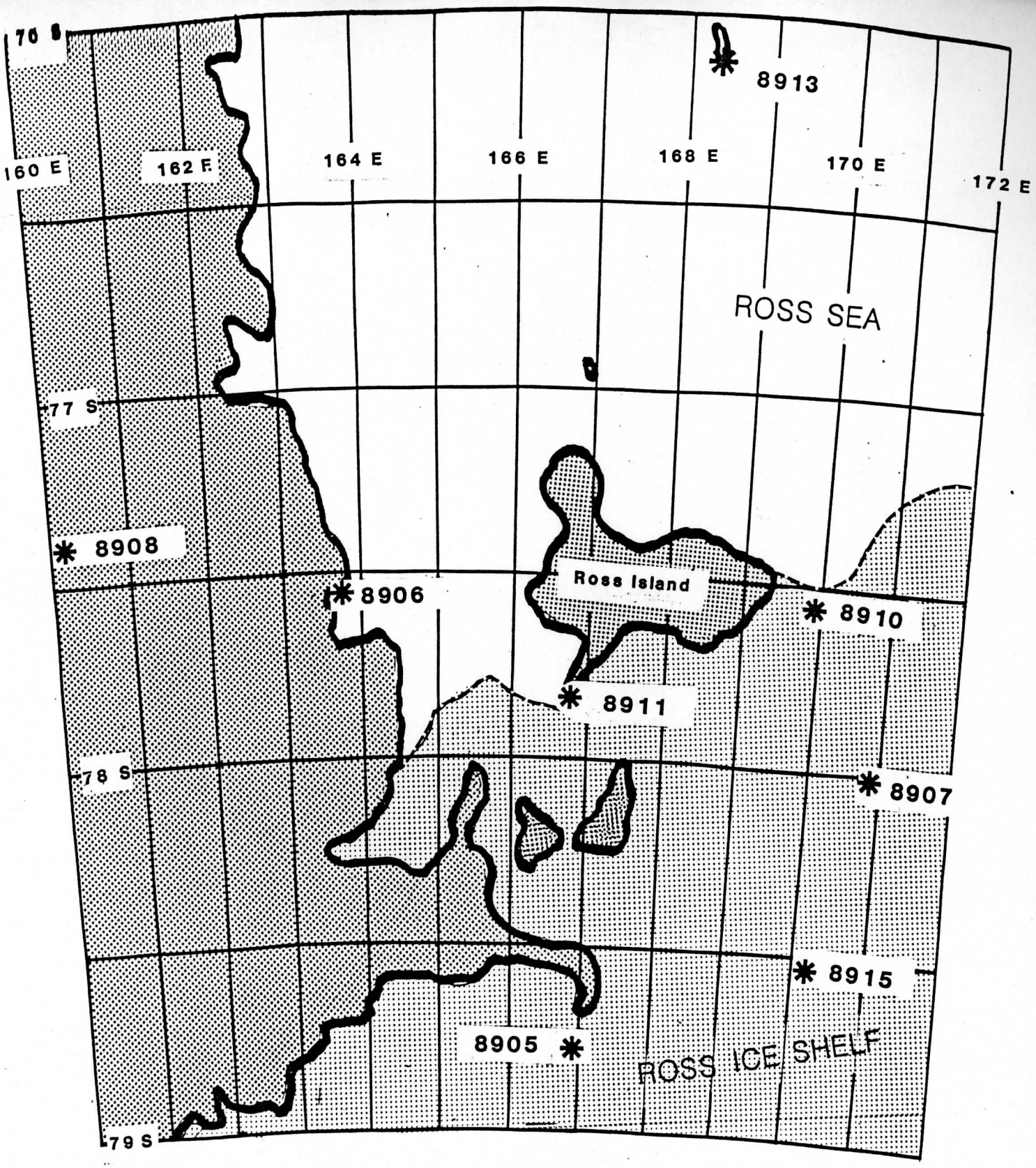

160 E
162 E
164 E
166 E
168 E
170 E
172 E
77 S
78 S
79 S
8913
ROSS SEA
8908
8906
Ross Island
8910
8911
8907
8915
8905
ROSS ICE SHELF

Figure 2.

2. Calibration

The National Data Buoy Office lent us their ARGOS test set for use in Antarctica. The test set receives and decodes transmissions from the AWS and therefore allows calibration of the units by noting the AWS output under known conditions.

Temperature and pressure calibrations were obtained by using mercury-in-glass thermometers and aneroid barometers to determine ground truth and observing the AWS output. As can be seen in the individual station reports, we found that the AWS measured temperature very accurately. In most cases the AWS also measured pressure very accurately, but at 8903, 8908, and 8911 there are significant discrepancies. It is unclear whether these discrepancies are the result of erroneous measurement by the AWS or of the inaccuracy of the aneroid barometer.

Wind direction data from the AWS is also in very good agreement with observations. However, we found that at all stations the AWS overstated the wind speed by about 15%. This was determined by using a test tachometer to spin the aerovane and observing the AWS output. The aerovane manufacturer supplies a calibration coefficient of .2362 volts/meter per second and indicates that at 1800 rpm the output voltage should be 9.2 VDC; therefore 1800 rpm corresponds to a wind speed of 38.9 m/s. When the aerovanes were tested by spinning them at 1800 (and 900) rpm we found that the AWS reported wind speeds of about 45 m/s. (22 m/s). For field calibration of the wind speed we used a known voltage input to simulate the aerovane generator and again found that the AWS overstated the wind speed by about 15%.

3. Aerovanes

The 2 aerovanes that failed during 1981 (at 8906 and at 8908) were examined in McMurdo and both were found to have a broken wire at the soldered connection on the slip ring. This was the cause of the loss of wind speed signal that occurred at these stations.

These aerovanes were repaired. All other aerovanes except the 2 new aerovanes that had just been installed at 8908 and 8906 were disassembled and the joint in question was resoldered. Additionally, new vertical bearings and new generator brushes were installed, and the generators were tested for proper voltage output. All generators were found to be within specifications.

Aerovane	From	To	Repaired Slip Ring	Replaced Bearings	Replaced Brushes
11-80-07	new	8906			
11-80-11	new	8908			
3-78-010	8906	8905	X	X	X
3-78-016	8908	(a)	X	X	X
3-78-014	8903	(a)	X	X	X
00-00-01	8905	8903	X	X	X
3-78-012	?	8909	X	X	X
3-78-005	?	8904	X	X	X
3-78-009	?	8911	X	X	X
12-78-09	?	8910	X	X	X
00-00-00	?	8913	X	X	X
1544	8904	(b)			
12-78-10	8915	(c)			
?	8907	(c)			

(a) available for installation (8915 and 8907)
(b) needs slip ring repair, brushes and bearings
(c) station not visited so aerovane still in place

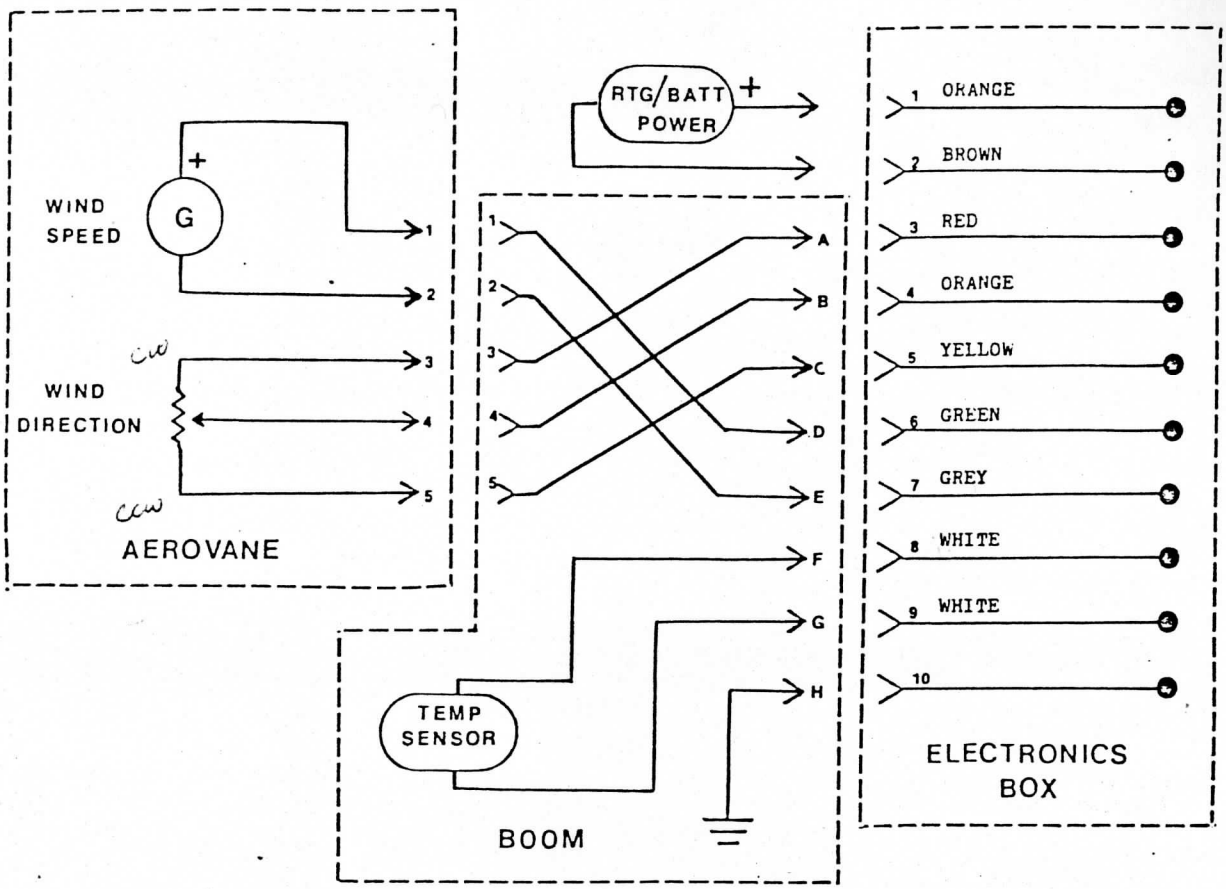
4. Aerovane Wiring Convention

There has been considerable confusion concerning the wiring convention for the aerovanes. At Rothera, Dumont d'Urville and McMurdo there have been occurrences of the aerovane wind direction polarity being reversed. Therefore we restate the wiring convention and include Figure 3 from last year's AWS report:

THE RESISTANCE SHOULD INCREASE FOR A N-E-S-W ROTATION OF THE AEROVANE WHEN MEASURED AT TERMINALS 4 AND 5.

Procedure for verifying aerovane wiring

1. Disconnect power to AWS.
2. Install aerovane on boom. All measurements are made at the terminal strip inside the AWS box.
3. To check the aerovane generator (wind speed sensor) connect a voltmeter between terminals 6 and 7. Spin the prop counterclockwise as viewed from the front (the way it would turn if the wind were blowing). You should observe a positive voltage of a few volts. If the voltage is negative then reverse the wires to terminals 6 and 7.
4. To check the wind direction terminals 3, 4, and 5 are checked. Disconnect the incoming wire going to terminal 4. Set the ohmmeter to the 10,000 ohm scale or greater and connect it between the wire that was just removed from terminal 4 and terminal 5. Rotate the aerovane from north to east to south to west to north (clockwise as viewed from above). During the rotation you should observe the resistance to increase from 0 to 10,000 ohms and then drop to 0 as the aerovane is rotated through north. If the resistance is observed to decrease then exchange the wires from terminals 3 and 5 and recheck.
5. Reconnect wire to terminal 4 and connect power.
6. Remember that the aerovane is pointing north when it points at the antenna.



1. All booms and aerovanes at the AWS sites and in McMurdo were checked and if necessary adjusted to conform with this wiring configuration.

2. Wind direction check: There should be a constant 10,000 ohm resistance between pins 3 and 5 on the aerovane. The resistance should increase from 0 to 10,000 ohms for a clockwise rotation of the aerovane (as viewed from above) when an ohmmeter is connected to pins 4 and 5 on the aerovane.

3. Wind speed check: Pin 1 should be positive with respect to pin 2 of the aerovane for a counterclockwise rotation of the prop as viewed from the front.

Figure 4. Wiring Convention

5. Ice Shelf Station Locations

AWS 8907 and 8915 were installed on the Ross Ice Shelf in December 1981 by Mike Savage, Lt. Cmmdr. Smith and Lt. Evans. The locations of the stations were determined by the intersections of lines-of-position obtained from theodolite bearings to known landmarks (Mt. Erebus, Mt. Discovery, Mt. Terror, and Mt. Heine). These locations were later verified by the doppler positioning system available from Service ARGOS.

Station	from Willy Field distance	bearing	position from theodolite	position from ARGOS
8907	48.01 nm	101°57'	78°01'26"S,170°48'25"E	78°01'55"S,170°47'30"E
8915	54.04 nm	135°42'	78°30'40"S,170°11'28"E	78°30'28"S,170°10'24"E

Note that the difference between the position of the stations as determined by theodolite and the position of the stations as determined by Service ARGOS is small: for 8907 the difference is 0.12 nautical miles (nm) and for 8915 the difference is 0.29 nm. This indicates that we know quite accurately where the stations are.

The trouble is finding them. We failed to find these stations in two attempts. On one of these trips we had a radio direction finder designed to locate ARGOS platforms, but we did not receive any signals, possibly because we were not close enough to the stations.

The prospects for finding the stations next year is even worse since another year's snow accumulation will have reduced the boom's height above ground to only a few feet or perhaps even have buried it. Also, the batteries that power 8915 will probably be exhausted this winter thereby eliminating the possibility of locating the station using an RDF. 8907 is powered by an RTG and therefore should still be transmitting.

The suggested procedure for finding the stations is as follows:

8907: Pass over Willy Field and continue along 102 degrees true for 48.01 nm. We think that this corresponds to 248 degrees on the Willy Field radar. This should be checked. The helo pilot should keep in contact with Willy Field so that he may be vectored along the proper bearing. After traveling for 48 nm, land and scan the horizon for the tower. If not found then execute an expanding-square search pattern. The station should lie along a line connecting the southernmost tip of White Island and the peak of Mt. Discovery.

Another option is to land and use the theodolite to calculate your current position and then determine the distance and bearing to the station. This can be done in about 15 minutes using the HP-67 calculator for the computations.

8915: Proceed in a manner similar to above using a bearing of 136° true and a distance of 54 nm. This station should lie along a line connecting the northernmost tip of White Island and Observation Hill.

8910: This station was installed in December 1981. It should not be as difficult as the others to find due to its proximity to Ross Island.

distance from Willy Field:	41.66 nm
bearing from Willy Field:	62° 38' true
latitude :	77° 32' 57" S
longitude:	169° 53' 37" E
distance from Mt. Terror:	17.64 nm
bearing to Mt. Terror:	276° 58' true

The station lies along a line connecting Observation Hill and Cape McKay.

8905: We were able to find this station without difficulty due to its proximity to Minna Bluff. Suggestions for finding this station are in last year's report.

Suggestions for next season:

1. New 10 foot tower sections should be installed at all the ice shelf stations in order to keep them above the rapidly accumulating snow. This will require extra power cable as well.

2. The RTGs at 8905 and 8907 should be dug out and repositioned. It would be advisable to construct wooden platforms to support the RTGs above the snow (see Byrd photo). The RTG lifting bar is necessary for the helicopter to lift the RTG.

3. A new set of batteries and a solar panel should be installed at 8915.

6. Inventory

I. Remaining at McMurdo

1 12-volt gel cell
2 props
1 12-volt battery charger
1 24-volt to 12-volt battery charger designed to charge batteries from 24 volt RTG
1 aerovane connector assembly
2 6-volt battery chargers (8 amp-hours)
3 reflective temperature probe shrouds
5 white temperature probe shrouds
3 grey temperature probe shrouds
1 antenna cable
1 moisture meter
2 weed temperature probes
1 cup for anemometer
3 spools #22 teflon wire
2 200 feet #14 neoprene 2-conductor wire
1 180 feet RG-8A/U coax cable
2 U brackets for solar panels
3 insulating bushings for temp probe
3 AWS power plugs
2 #14 power cable with plug
2 U brackets for AWS boxes
1 tripod
8 new pots for aerovanes
1 box spare parts for aerovanes

II. On loan to Lt. Whitlock

1 Simpson meter
1 digital VOM meter
1 HP-67 calculator and battery pack
1 theodolite (from Berg Field Center)
1 box of tools
1 hand held receiver
2 pressure gauges
1 instrument case

III. In transit from McMurdo to UW

1 box of tools
rocks from Dry Valleys

7. Station Reports

Travel to the stations was via C-130 aircraft (Byrd, Siple, Dome C) and UH-1N Helicopters. Last year's report contains a detailed listing of equipment requirements and weights. Additional requirements this season included the ARGOS test set (47 lbs), a portable generator for the test set (50 lbs) and the radio direction finder (75 lbs).

Visits to Byrd, Siple, and Dome C are considerably easier if prior arrangements are made with the station crews for transportation from the runway to the AWS site.

8903 - Byrd

Location: 80°S, 120°W. Elevation 1530 meters.

Hex id: 8B1DC

Power: 6 VDC supplied by RTG

Aerovane: Old was 3-78-014. Wind direction polarity verified before removal. New is 00-00-01.

Deployed: 5 February 1980 by Stanford.

Field Calibration: 8 December 81 0400 Z by Savage and Lt. Whitlock

Parameter	Input	Test Set Output	Difference
temperature	-12.8 C	-12.9 C	+0.1 C
pressure	814.5 mb (Paulin)	811.4 mb	-4.1 mb
	812.4 mb (Byrd obs)	811.4 mb	-1.0 mb
inst wind speed	36.1 m/s *	43.2 m/s	+19%
inst wind direction	N	0 deg	-------
mean wind speed	1-2 m/s	1.1 m/s	?
mean wind direction	N	0 deg	-------
voltage	6.4 volts	5.9 volts	-0.5 volts

* wind speed simulated by calibration voltage

Modifications:

1. Minimum thermometer installed
2. Reflective temperature probe shroud and insulating bushing installed.
3. Aerovane replaced

Comments:

1. Pressure of 815.5 mb was obtained from the Paulin microbarometer carried with us from McMurdo. Pressure value of 812.4 mb was obtained from the Byrd Surface Camp microbarograph, and this should be a less accurate reading.

8904 - Dome Charlie

Location: 74°30'S, 123°00'E Elevation 3280 meters.

Hex id: 8B208

Power: 6 VDC supplied by RTG.

Aerovane: Old aerovane was 1544. New aerovane is 3-78-005.

Deployed: 4 February 1980 by Stanford University.

Modifications: 17 December 81 0200 Z by Thompson and Lt. Whitlock.

1. Reflective temperature probe shroud and insulating bushing installed.
2. Aerovane replaced.

Comments:

1. No calibration readings taken.
2. We assume that this AWS also overestimates the wind speed by about 15%.

8905 - Manning

Location: 78°46'S, 161°04'E. 11 nm south of Minna Bluff on the Ross Ice Shelf at an elevation of 60 meters.

Hex id: 8B25B

Power: 6 VDC supplied by RTG.

Aerovane: Old was 00-00-01. Wind direction polarity verified before removal. Aerovane was missing the top washer which lowered the slip ring contacts and this may be significant since this station produced erratic wind speed data last year. New aerovane is 3-78-10, which was reworked after being removed from Marble Point the previous week.

Deployed: 25 November 80 by Savage, Paschal, Lt. Evans, and Lt. Cmmdr. Smith

Field Calibration: 1 December 1981 0400 Z by Stearns, Savage, Thompson and Lt. Whitlock.

Parameter	Input	Test Set Output	Difference
temperature	-4.4 C	-3.8 C	+0.6 C
pressure	977.2 mb	977.7 mb	+0.5 mb
inst wind speed	38.5 m/s *	43.5 m/s	+13%
inst wind direction	WNW	314 deg	-----
mean wind speed	1-3 m/s	3.0 m/s	?
mean wind direction	WNW	309 deg	-----
RTG voltage	6.3 VDC	5.1 VDC	-1.2 VDC

*Wind speed simulated by calibration voltage

Modifications:

1. Minimum thermometer installed.
2. Reflective temperature probe shroud and insulating bushing installed.
3. Aerovane replaced.

Comments:

1. Orientation of aerovane verified using theodolite to take sun sight and determine true north.

8906 - Marble Point

Location: 77°26'S, 163°45'E at an elevation of 120 meters (not 40 meters as previously believed).

Hex id: 8B2AE

Power: 6 VDC supplied by RTG

Aerovane: Old was 3-78-10. Wind direction polarity verified before removal. Wind speed generator had failed due to broken wires. New aerovane is 11-80-07 which is one of the 2 new aerovanes purchased in 1981. Note that this aerovane has not had slip ring solder joint reworked (we only discovered the problem with the slip ring after our return from Marble Point and Asgard).

Deployed: 5 February 1980 by Stanford University

Field Calibration: 27 November 81 2330Z by Stearns, Savage, Thompson and Lt. Whitlock.

Parameter	Input	TIP Output	Difference
temperature	-2.5 C	-3.0 C	-0.5 C
pressure	968.1 mb	967.6 mb	-0.5 mb
inst wind speed	2-4 m/s	3.5 m/s	?
inst wind direction	S	167 deg	-------
mean wind speed	2-4 m/s	3.0 m/s	?
mean wind direction	S	180 deg	-------
RTG voltage	5.0 VDC	4.8 VDC	-0.2 VDC

Modifications:

1. Reflective temperature probe shroud and insulating bushing installed.
2. Minimum thermometer installed.
3. Aerovane replaced.

Comments:

1. ARGOS Test Set did not function due to low battery power and lack of external power source. As a result it was not possible to determine the wind speed accuracy as was done at other stations. We suspect that this station reports winds 10 - 20% too high as is the case with all other stations that have been checked with ARGOS Test Set.

8908 - Asgard

Location: 77°36'S, 161°04'E at an elevation of 1750 meters.

Hex id: 8B317

Power: 6 VDC supplied by RTG

Aerovane: Old was 12-78-16. Wind direction polarity checked before removal and found to be reversed. Therefore all wind direction data since 9 December 1980 needs to be corrected. Wind speed generator had failed due to broken wire on slip ring just like at Marble Point. New aerovane is 11-80-11 which is one of the new ones. Note that this aerovane has not had slip ring solder joint reworked.

Deployed: 5 February 1980 by Stanford University.

Field Calibration: 28 November 1981 0400 Z by Stearns, Savage, Thompson and Lt. Whitlock

Parameter	Input	TIP Output	Difference
temperature	-12.8 C	-12.7 C	+0.1 C
pressure	800.6 mb	794.4 mb	-6.2 mb
inst wind speed	2-4 m/s	3.9 m/s	?
inst wind direction	S	181 deg	------
mean wind speed	2-4 m/s	3.5 m/s	?
RTG voltage	6.4 VDC	5.0 VDC	-1.4 VDC

Modfications:

1. Minimum thermometer installed.
2. Reflective temperature probe shroud and insulating bushing installed.
3. Aerovane replaced.

Comments:

1. ARGOS Test Set did not function due to low battery voltage and lack of external power source. As a result it was not possible to determine the wind speed accuracy as was done at the other stations, but we suspect that this station reports winds 10-20% too high as is the case with all the other stations that were checked with the ARGOS Test Set.
2. The tower had blown over during the past winter. We reinstalled the tower using heavier ropes and chain. A theodolite was used to determine true north from a sun sight in order to correctly orient the aerovane.
3. The correction for wind direction from 9 December 1980 until 28 November 1981 is:

correct wind direction (deg) = 360 - old wind direction (deg)

8909 - Siple

Location: 75°56'S, 84°15'W. Elevation approximately 900 meters.

Hex id: 8B344

Power: 6 VDC from power supply run off station power.

Aerovane: 11-80-11 used for testing. 3-78-12 deployed.

Deployed: 31 December 1981 by Siple crew.

Calibration: 25 November 81 0400 Z at McMurdo lab.

Parameter	Input	Test Set Output	Difference
inst wind speed	38.9 m/s *	44.6 m/s	+15%
	19.5 m/s *	22.3 m/s	+15%
inst wind direction	000 degrees	358 degrees	-----
mean wind speed	19.5 m/s *	22.3 m/s	+15%
mean wind direction	000 degrees	000 degrees	-----
anemometer	.50 volts (1800 rpm)	131 bits	

*Wind speed simulated with calibration instrument

Modifications:

1. RTG regulator diode removed.
2. Heater circuit and diode removed.
3. Low-output generator anemometer installed. Voltage appears in frame 7 word 1.
4. Reflective temperature probe shroud and insulating bushing installed.
5. Minimum thermometer installed.

Comments:

1. Power consumption is 135 mA at idle; 1.5 A at transmit.
2. Antenna used was the one returned from Asgard. This antenna may have been damaged last season and should be replaced.
3. Temperature and pressure input/output was measured and found to be in very good agreement, but numbers were not written down.
4. 40 PS-6200 6-volt gel cell batteries, 8 2.5 watt solar panels and a shunt regulator should be sent down to Siple early next season so that the AWS may continue to operate after closing.

8910 - Laurie

Location: 77°33'S, 169°54'E. 8 miles east-southeast of Cape Crozier on the Ross Ice Shelf at an elevation of approximately 20 meters.

Hex id: 8B3B1

Power: 36 6-volt PS-6200 gel cell batteries. Eight 2.5 watt solar panels and a shunt regulator are used for recharging.

Aerovane: 12-78-09 installed.

Deployed: 15 December 81 by Stearns and Savage.

Calibration: 27 November 81 0400 Z at McMurdo lab.

Parameter	Input	Test Set Output	Difference
temperature	14.4 C	15.3 C	+ .9 C
pressure	978.7 mb	978.6 mb	- .1 mb
inst wind speed	38.9 m/s *	43.2 m/s	+ 11%
	19.5 m/s *	20.9 m/s	+ 7%
inst wind direction	0 deg	0 deg	-------
mean wind speed	19.5 m/s *	20.9 m/s	+ 7%
mean wind direction	0 deg	0 deg	-------
anemometer	.50 volts (1800 rpm)	132 bits	
	.25 volts (900 rpm)	65 bits	

*wind speed simulated with calibration instrument

Field Calibration: 15 December 1981 at time of installation

Parameter	Input	TIP output	Difference
temperature	-1.7 C	-2.5 C	+ 0.8 C
pressure	976.6 mb	983.6 mb	+ 7.0 mb
inst wind speed	15-20 kt	16 kt	--------
inst wind direction	NNW	329 deg	--------
mean wind speed	15-20 kt	16 kt	--------
mean wind direction	NNW	309 deg	--------
battery voltage	6.33 volts	5.4 volts	- 0.9 v

Modifications:

1. RTG regulator diode removed.
2. Heater circuit and diode removed.
3. Low output generator anemometer installed. Voltage appears in frame 7 word 1.
4. Minimum thermometer installed.
5. Reflective temperature probe shroud and insulating bushing installed.

Comments:

1. Power consumption is 135 MA at idle; 1.5 A at transmit.

2. The ARGOS test set was not taken to the installation site due to helicopter load limits.

3. Discrepancy in pressure between measured value in field and value delivered by TIP is large. The December data tape confirms the TIP reading, and the calibration coefficients for the pressure sensor has been checked and are correct. On the previous day the barometers were used at 8911 and agreed very well with the pressure reading from that AWS. Also, 2 barometers were used and several readings were taken with each over a period of an hour. Therefore it appears that the pressure sensor in the AWS has drifted and is now reporting pressures that are 7 mb too high.

8911 - Jimmy

Location: 77°48'S, 166°43'E. The AWS is located near Arrival Heights about 2.5 nm north-northeast of McMurdo. Elevation approximately 200 meters.

Hex id: 8B3E2

Power: 6 VDC from 18 PS-6200 6 volt gel cell batteries. Nine 12 volt gel cells and one 10 watt solar panel are used with a shunt regulator to recharge the batteries. This configuration was necessary when we discovered that the AWS drew more power than expected and there were not enough 6 volt batteries available to power both this station and 8910 through the winter.

Aerovane: 3-78-009 installed.

Deployed: Initial deployment on 5 Dec. 81 by Stearns, Savage, Thompson, and Lt. Whitlock. We returned on 7 December 81 in order to strengthen the supporting structure and take readings with ARGOS Test Set. Batteries were not buried due to the very hard ice covering the area.

Calibration: 1 December 81 2300 Z at McMurdo Lab.

Parameter	Input	Test Set Output	Difference
temperature	8.8 C	9.3 C	+ .5 C
	9.0 C	9.4 C	+ .4 C
	8.3 C	9.5 C	+1.2 C
	8.9 C	9.0 C	+ .1 C
pressure	981.8 mb	982.1 mb	+ .3 mb
	981.4 mb	981.9 mb	+ .5 mb
	981.3 mb	981.8 mb	+ .6 mb
	980.9 mb	981.3 mb	+ .4 mb
inst wind speed	38.9 m/s *	45.1 m/s	+ 16%
	19.5 m/s *	22.4 m/s	+ 15%
inst wind direction	270 deg	269 deg	----
mean wind speed	19.5 m/s *	22.0	+ 13%
mean wind direction	270 deg	270 deg	----
anemometer	2.39 volts (1800 rpm)	81 bits	
	1.19 volts (900 rpm)	41 bits	
voltage	7.2 volts	6.3 volts	-.9 volts

*Wind speed simulated with calibration instrument

Field Calibration: 7 December 81 0300 Z by Savage, Stearns and Thompson

Parameter	Input	Test Set Output	Difference
temperature	1.7 C	1.1 C	-0.6 C
pressure	962.4 mb	962.3	-0.1 mb
inst wind speed	36.7 m/s *	42.7 m/s	+ 16%
inst wind direction	ENE	56°	-----
mean wind speed	36.7 m/s *	42.7 m/s	+ 16%
mean wind direction	ENE	45°	-----
anemometer	1.56 volts	49 bits	
battery voltage	6.2 volts	5.2 volts	-1.0 volts

*Wind speed simulated by calibration voltage

Modifications:

1. High output generator anemometer installed. Voltage appears in frame 7 word 1.
2. RTG regulator diode removed.
3. Heater circuit and diode removed.
4. Reflective temperature probe shroud and insulating bushing installed.
5. Minimum thermometer installed.

Comments:

1. Power consumption 135 mA at idle; 1.5 A at transmit.
2. 22 more 6-volt batteries and 20 watts of 6-volt solar cells should be added next season.

8913 - Whitlock

Location: 76°05'S, 168°20'E on Franklin Island.
Elevation approximately 300 meters.

Hex id: 8B44A

Power: 12 VDC supplied by 9 PS-12360 gel cell batteries in parallel. One 10 watt solar panel used for recharging batteries. Shunt regulator used to prevent overcharging.

Aerovane: 3-78-012 used for testing. 00-00-00 deployed.

Deployed: 23 January 1982 by Lt. John Whitlock, NSFA. Transportation to the island was via the Coast Guard icebreaker Glacier and shipboard helicoptor.

Calibration: 27 November 1981 at McMurdo lab.

Parameter	Input	Test Set Output	Difference
temperature	17 C	17.1 C	-----
pressure	978.9 mb	978.7 mb	- 0.2 mb
inst wind speed	38.9 m/s *	45.7 m/s	+ 17%
	19.5 m/s *	22.8 m/s	+ 17%
inst wind direction	60 deg	58 deg	-----
	360 deg	359 deg	-----
mean wind speed	38.9 m/s *	45.4 m/s	+ 17%
mean wind direction	60 deg	45 deg	- 15 deg
anemometer	.50 volts (1800 rpm)	141 bits	
	.25 volts (900 rpm)	68 bits	

*wind speed simulated with calibration instrument

Modifications:

1. Reflective temperature probe shroud and insulating bushing installed.
2. Low output generator anemometer installed. Voltage appears in frame 7 word 1.
3. Minimum thermometer installed.

Comments:

1. Power consumption 12 mA at idle; about 1 A at transmit.

8. Suggestions for Next Season

1. Replace wind direction pots on all aerovanes.
2. Batteries and solar panels to Siple, Jimmy, and Laurie.
3. New tower sections to all Ice Shelf stations and to Siple.
4. Platforms for RTG's on Ice Shelf.
5. Generator anemometers for those stations not currently equipped.

9. Acknowledgements

We would like to express our appreciation to the many people who helped make for a successful field season: Bill Thompson of the Naval Postgraduate School and Lt. John Whitlock of the Naval Support Force Antarctica assisted in the preparation, calibration, and deployment of the stations. Bill Trabuko and the crew at Siple Station installed the AWS there; Lt. Cmmdr. Steve Foster and Lt. Dave Fleming of NSFA were of great assistance in providing accurate weather forecasts. The C-130 and helicopter pilots provided us with excellent and professional service; Eric Baker of the Navy's communication department was very helpful in supplying needed technical assistance; Dr. Friedmann and his group working in the Dry Valleys helped out with the work at Asgard; and the NSF Representatives and their staffs and the ITT Antarctic Services people made for a pleasant and productive stay in McMurdo.

We also would like to recognize the excellent work done by the members of the Radioscience lab at Stanford University under the direction of Dr. Allen Peterson. Without the superb design and engineering of the AWS by Frank Orabona, Cal Teague, Kok Chen, Bill Crosby and others in the group there would be no automatic weather stations program in Antarctica.

VI. Annual Summary

Antarctic automatic weather stations

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Automatic weather stations (AWS) measure wind speed and direction, air temperature at a nominal height of 3 meters, and atmospheric pressure. Data are telemetered to polar-orbiting satellites every 200 seconds and are updated every 10 minutes. (For additional details, see Stearns and Savage 1981, and Savage, Stearns, and Teague 1981.)

Mike Savage and I, from the University of Wisconsin Department of Meteorology, were at McMurdo from 18 November to 17 December 1981, and William Thompson, from the Naval Postgraduate School, was there from 18 November to about 26 December—all of us in support of the AWS units. During the season, four additional stations were installed (at Siple Station; on Franklin Island; on Starr Glacier northeast of McMurdo; and east of Cape Crozier, Ross Island, on the Ross Ice Shelf), bringing to 13 the total number of operating AWS units. (See figure 1 for the locations of the new stations in the McMurdo area; also see the table for the coordinates and elevation of the 13 stations.) In addition, during the 1981–82 season, the Asgard, Manning, Marble Point, Dome C, and Byrd stations were serviced, the aerovanes that measure wind speed and direction were replaced with serviced units, and output data, as determined by the ARGOS test set, were checked against the measured pressure, air tempertaure, wind speed, and wind direction. For a complete description of the 1981–82 fieldwork and calibration results, see Savage and Stearns (1982).

Three AWS units were to be deployed in the Antarctic Peninsula region— on the Larsen Ice Shelf, on Butler Island, and at Fossil Bluff—during 1981–82. However, on 18 November a strong wind damaged the two British Antarctic Survey (BAS) twin otter aircraft that were to be used, and the stations were not deployed. (It was just as well, because the AWS units were not operating properly and at that time the reason was not known. Later it was found that in reversing the leads to one wind vane, so that the wind direction was correct, the common connection to the anemometer was connected to the reference power supply instead of to the ground. The reference voltage was thus unsteady and uncertain.) The BAS subsequently deployed two units to Petite Rocks and to northern Adelaide Island.

Enough AWS units are now deployed in the McMurdo area so that observations of the mesoscale circulation can be made. Figure 1 shows the resultant wind direction and mean data for February 1982, the first full month of operation. Also shown in figure 1 are the streamlines obtained by Simpson (1919) in July 1917. The July 1981 data from Manning, Ferrel, and Meeley stations approximate the February 1982 resultant wind direction and speed. The resultant wind direction is in substantial agreement with Simpson's observations.

Disturbances such as a change in wind speed or direction are observed to propagate across the ice shelf. Figure 2 shows a change in wind speed and direction which moved from the south on 11 January 1982. Three stations were used to estimate the speed and direction of the disturbances. Using the arrival times of the wind direction maximum at Jimmy, Laurie, and Meeley sites gives a propagation speed of 6.2 meters per second and a direction of 180°. The direction is close to the observed wind direction prior to and after the event at Meeley and Laurie sites. The speed is slightly higher than the surface wind speed. The observed surface event probably is related to the atmospheric behavior within the boundary layer. The propagation speed and direction are uncertain because the timing error is never less than 10 minutes and may be more, depending on the time the satellite was available to receive the data transmission. The time interval from Meeley to Laurie site is 315 minutes, but can be in error by 10 minutes, or at least 3 percent. The wind direction and speed disturbance were not observed at Manning, but the data from Marble Point and Ferrel sites showed changes similar to those at Jimmy, Laurie, and Meeley sites. The air temperature and pressure time changes did not agree well with the wind speed and direction changes.

This research was supported by National Science Foundation grant DPP 79-25040.

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Sites, identification number, latitude, longitude, and elevation for 13 AWS units operating properly as of 1 February 1982

Site	ID	Location		Elevation (meters)
D-10	8901	66°42′S	139°50′E	267
Byrd	8903	80°00′S	120°00′W	1,530
Dome C	8904	74°30′S	123°00′E	3,280
Manning	8905	78°46′S	166°56′E	60
Marble Point	8906	77°26′S	163°45′E	120
Ferrel	8907	78°01′S	170°48′E	20
Asgard	8908	77°36′S	161°04′E	1,750
Siple*	8909	75°54′S	84°18′W	900
Laurie*	8910	77°33′S	169°54′E	20
Jimmy*	8911	77°48′S	166°42′E	200
Whitlock*	8913	76°05′S	168°20′E	300
Meeley	8915	78°31′S	170°11′E	20
D-57	8916	68°11′S	137°31′E	2,064

*New stations installed in November–December 1981.

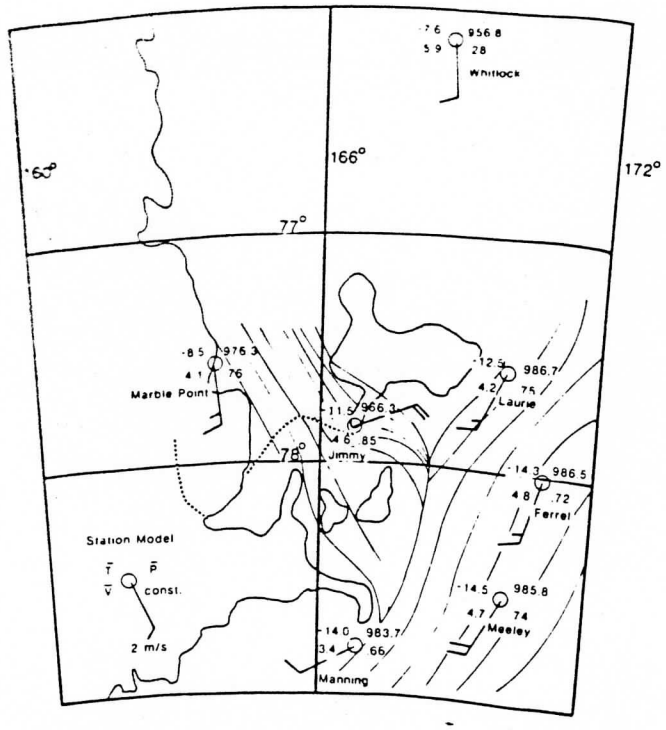

Figure 1. Map of the McMurdo area showing Simpson's 1917 streamlines and the resultant wind direction for February 1982 from the AWS units. Included is the monthly mean of air temperature (°C), station pressure (millibars), scalar wind speed (meters per second), and constancy of the wind. The barbs on the resultant wind arrow are for the resultant wind speed (meters per second). Stations Jimmy, Laurie, Whitlock, and Siple, were installed during the 1981–82 austral summer.

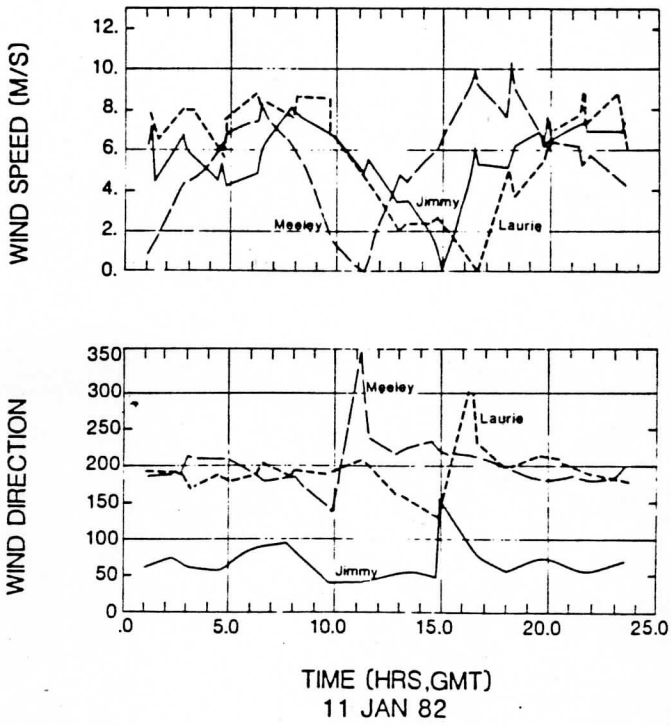

Figure 2. Wind speed and direction at Meeley, Jimmy, and Laurie sites, as a function of time of day, for 11 January 1982. The time differences between the wind direction maximum gave a propagation speed of 6.2 meters per second from 180°.