Antarctic Automatic Weather Station Data

for the calendar year

1983

by

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Cover: Locations of the Automatic Weather Stations operating in Antarctica during 1983.

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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
8900	D-80	70.02 S	134.72 E	2500	14 Jan 83	20 Oct 83	1
8908	Nancy	77.91 S	168.17 E	25	17 Jan 83	25 Nov 83	2
8918	Windless Bight	77.70 S	167.70 E	40	09 Feb 83	21 Mar 83	3

Continuing Stations

AWS ID	Location or Name	Lat (deg)	Long (deg)	Elev (m)	Start	Stop	Notes
8901	D-10	66.70 S	139.80 E	240	01 Jan 83		
8903	Byrd	80.00 S	120.00 W	1530	05 Feb 80		
8905	Manning	78.77 S	166.85 E	66	01 Dec 80		
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		
8909/8910	Siple	75.90 S	84. 00 W	1054	01 Jan 82		4
8910/8911	Laurie	77.55 S	170.09 E	27	24 Jan 83	29 Mar 83	5
8913	Whitlock	76.24 S	168.66 E	274	23 Jan 82		
8914	D-47	67.38 S	138.72 E	1560	24 Jan 83		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		6

1. Failed for unknown reasons.
2. Wind data missing beginning 22 August 83.
3. Failed due to frequency drift. Restarted 12 Dec 83.
4. 8909 removed from Siple 26 Nov 83. 8910 started at Siple 1 Dec 83.
5. Some data repor ted for Oct-Dec 83. Failed due to bad multiplexer.
6. Intermittent operation throughout year.

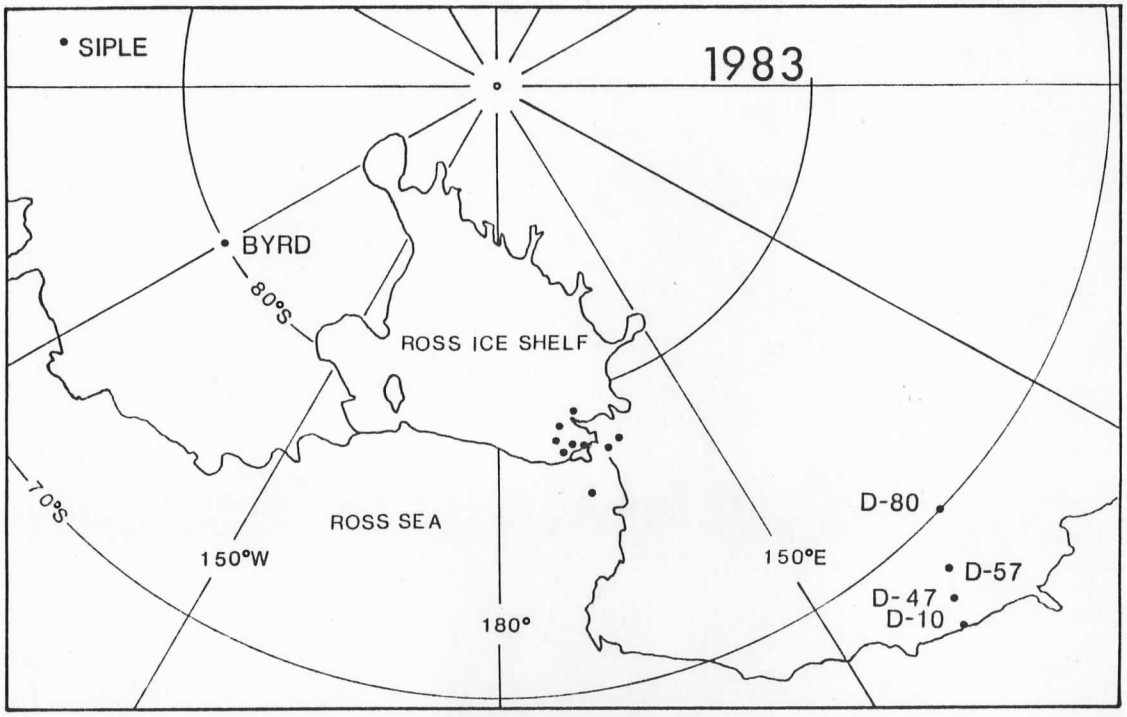

Fig. 1. Pacific sector of Antarctica. AWS units are at Siple (8909), Byrd (8903), D-10 (8901), D-47 (8914), D-57 (8916) and D-80 (8900). The AWS units deployed in the Ross Island area are shown in Fig. 2.

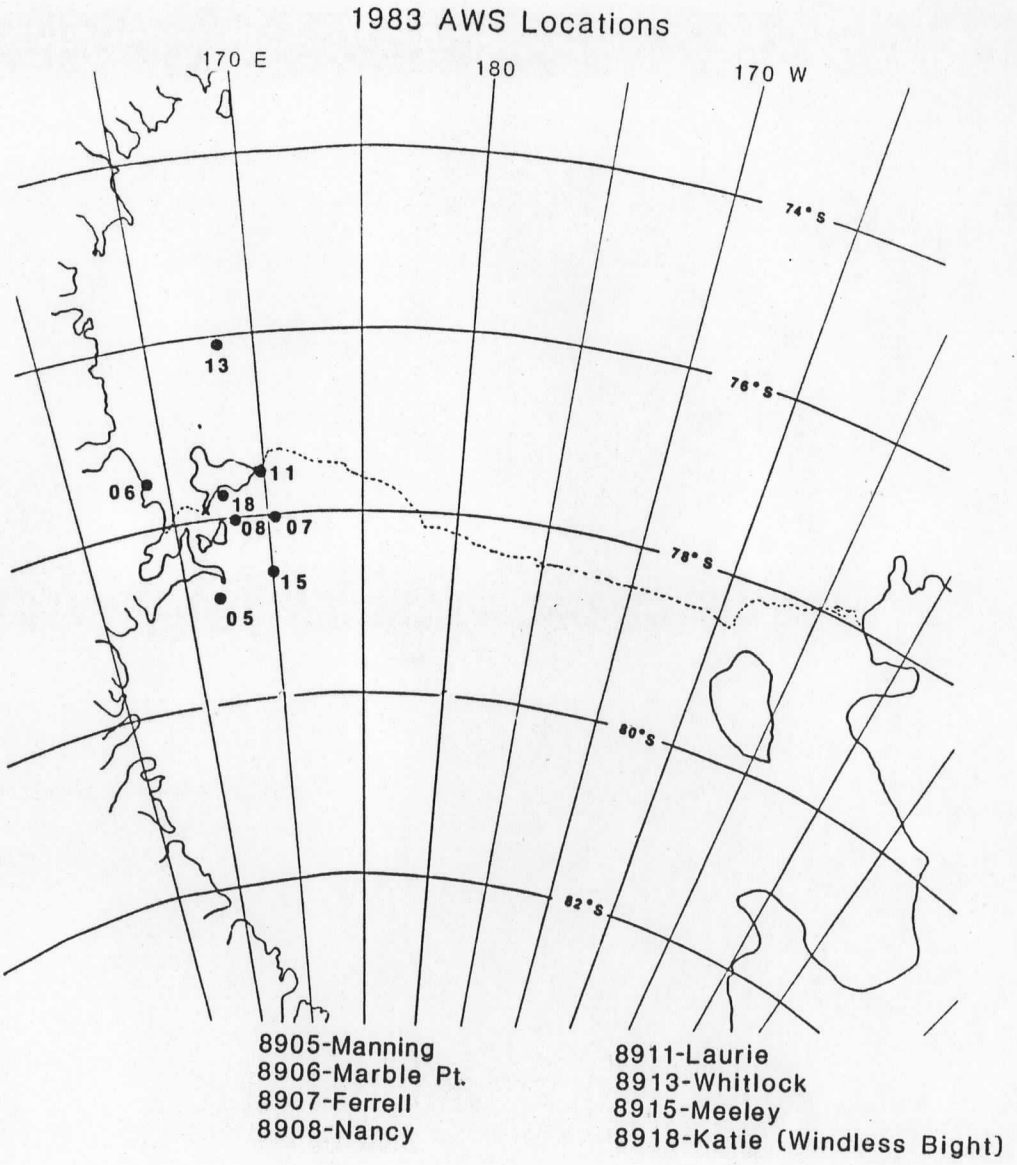

Fig. 2. Ross Island area of Antarctic AWS units. The last two digits of the AWS identification number are by the site. Since the AWS unit may be moved from one site to another the sites are named.

III. 1983 - 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-80 (8900)					2500 M				70.02 S	134.72 E
Jan	-23.0	-16.6	-34.2	7.1	133	.93	134/14	721.7	728.4	713.9
Feb	-29.5	-11.2	-48.9	7.0	141	.90	113/19	717.6	732.7	706.2
Mar	-43.3	-25.5	-55.0	6.2	164	.94	163/15	707.7	724.9	693.1
Apr	-49.0	-23.0	-58.0	6.4	176	.98	167/14	708.4	722.1	697.9
May	-47.6	-31.1	-60.0	6.8	177	.99	165/17	713.2	743.4	697.1
Jun	-44.3	-28.0	-58.2	6.2	170	.84	174/16	712.0	746.3	691.9
Jul	-55.1	-28.2	-69.7	6.8	168	.83	145/15	678.8	714.2	669.4
Aug	-50.0	-32.1	-60.6	7.8	170	.96	158/19	705.4	723.8	681.3
Sep	-43.5	-24.4	-58.7	7.1	155	.90	114/20	704.6	729.8	684.3
Oct	-49.3	-34.2	-64.7	7.0	172	.97	156/17	697.5	722.9	671.2
Nov										
Dec										

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 (8901)					240 M				66.70 S	139.80 E
Jan	-2.2	6.1	-10.0	7.9	141	.93	141/25	959.6	968.9	941.1
Feb	-5.5	8.2	-16.7	9.9	146	.91	127/31	955.5	969.7	937.8
Mar	-13.2	-4.4	-21.1	10.4	167	.96	165/28	950.0	967.8	926.2
Apr	-15.9	-5.9	-23.5	10.2	165	.95	165/1027	951.8	966.5	936.3
May	-15.6	-1.4	-26.7	11.7	164	.93	149/30	956.2	985.2	930.5
Jun	-15.4	-.1	-29.0	8.3	161	.90	184/28	958.1	991.8	927.6
Jul	-22.6	-4.0	-35.0	9.0	159	.89	146/27	947.9	968.8	924.2
Aug	-20.7	-10.1	-32.9	9.0	155	.92	177/30	952.7	979.1	922.0
Sep	-15.5	-4.0	-26.0	11.4	156	.91	136/33	949.7	977.5	925.3
Oct	-18.3	-10.2	-29.1	9.4	160	.93	163/21	941.6	971.8	914.9
Nov	-10.0	1.9	-21.9	7.4	152	.79	141/20	949.4	972.0	934.2
Dec	-4.9	2.9	-11.5	8.1	149	.91	146/22	950.2	964.7	936.9

* 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)
1983										
Byrd (8903)					1530 M				80.00 S	120.00 W
Jan	-15.1	-3.0	-23.3	5.5	347	.50	018/22	820.8	830.8	830.8
Feb	-26.6	-15.4	-37.1	4.2	004	.84	030/11	816.7	830.8	800.3
Mar	-27.9	-16.2	-45.0	7.4	008	.96	360/23	812.0	824.1	799.6
Apr	-28.3	-13.4	-42.9	10.5	018	.94	010/28	808.0	828.9	785.3
May	-29.4	-17.7	-45.6	8.3	026	.92	032/23	813.1	831.1	794.7
Jun	-39.6	-20.5	-59.4	8.1	006	.92	044/23	804.9	829.2	781.4
Jul	-40.0	-23.6	-53.0	7.8	012	.95	015.19	799.4	814.5	782.4
Aug	-42.5	-17.4	-62.9	9.5	027	.94	046/28	795.4	816.9	773.7
Sep	-34.1	-15.2	-51.1	7.8	009	.90	027/31	803.5	834.5	774.3
Oct	-31.1	-17.3	-57.1	9.7	025	.91	060/23	794.5	818.9	766.9
Nov	-22.8	-14.8	-35.7	7.6	014	.94	360/19	803.0	813.8	789.6
Dec	-15.7	-8.5	-26.5	5.6	024	.62	046/21	813.0	821.8	805.8
Avg	-29.4	-15.2	-45.0	7.7	015	.86		807.0	824.6	788.5
S.D.	8.8	5.3	12.6	1.8		.15		8.3	7.2	13.3
Max	-15.1	-3.0	-23.3	10.5	027	.96	/31	820.8	834.5	807.7
Min	-42.5	-23.6	-62.9	4.2	347	.50	/11	794.5	813.8	766.9
Manning (8905)					66 M				78.77 S	166.85 E
Jan	-7.7	6.0	-16.7	2.7	282	.55	273/10	988.4	999.8	975.1
Feb	-18.3	-6.4	-35.4	2.7	283	.72	066/09	992.2	1006.4	979.1
Mar	-24.5	-10.6	-39.2	4.9	264	.77	252/21	983.8	1003.7	966.7
Apr	-22.1	-8.4	-45.5	6.3	251	.91	236/19	978.2	995.9	956.2
May	-22.1	-9.1	-45.2	6.2	249	.87	235/19	984.3	1005.5	958.6
Jun	-33.9	-12.9	-50.6	4.4	263	.70	239/20	986.3	1022.2	963.3
Jul	-35.1	-17.7	-53.5	3.9	262	.77	240/21	978.9	999.6	962.2
Aug	-32.4	-11.9	-52.9	6.4	245	.84	218/24	976.7	997.5	949.9
Sep	-33.3	-13.5	-51.1				236/19	981.2	1015.2	947.4
Oct	-24.8	-8.8	-51.1				252/15	968.4	997.6	944.4
Nov	-14.6	-4.7	-25.9	4.8	256	.84	260/16	971.0	984.2	953.6
Dec	-8.2	4.0	-19.9	3.1	259	.68	249/14	981.3	994.5	965.4
Avg	-23.1	-7.8	-40.6					980.9	1001.8	960.2
S.D.	9.6	6.9	13.2					6.8	9.9	10.6
Max	-7.7	6.0	-16.7				218/24	992.2	1022.2	944.4
Min	-35.1	-17.7	-53.5				066/09	968.4	984.2	979.1

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)
1983										
Marble Point (8906)					121 M				77.43 S	163.75 E
Jan	-3.2	2.6	-12.4	2.9	121	.32	163/11	982.2	991.9	969.9
Feb	-10.3	-.3	-19.1	5.3	172	.78	141/15	984.3	998.7	970.9
Mar	-15.7	-2.9	-28.2	4.3	183	.86	210/22	975.2	991.8	960.1
Apr	-16.1	-6.1	-27.9	3.6	196	.69	111/18	970.0	987.2	949.5
May	-16.1	-3.1	-29.6	5.2	193	.74	207/22	975.2	996.9	951.6
Jun	-24.8	-.5	-35.6	4.2	192	.69	225/32	977.8	1012.6	954.5
Jul	-28.0	-15.4	-37.5	3.3	192	.71	224/16	970.5	992.2	954.9
Aug	-24.6	-5.6	-39.5	4.7	196	.71	224/25	968.4	990.1	942.6
Sep	-24.9	-8.6	-35.1	4.4	184	.77	172/25	972.8	1003.8	942.8
Oct	-18.3	-5.6	-35.7	5.0	~~108~~ 180	.78	145/23	959.6	987.7	937.2
Nov	-9.5	-2.6	-17.6	3.5	175	.38	218/18	963.5	975.2	946.4
Dec	-3.7	4.2	-14.4	3.4	094	.18	118/14	975.3	986.5	960.4
Avg	-16.3	-3.7	-27.7	4.1	171	.63		972.9	992.9	953.4
S.D.	8.4	5.2	9.6	.8		.22		7.1	9.4	10.6
Max	-3.2	4.2	-12.4	5.3	196	.86	225/32	984.3	1012.6	970.9
Min	-28.0	-15.4	-39.5	2.9	094	.18	111/08	959.6	975.2	937.2
Ferrell (8907)					44 M				78.02 S	170.80 E
Jan	-7.5	4.9	-19.0	3.2	193	.41	226/13	991.9	1002.3	978.4
Feb	-18.2	.5	-35.2	4.6	174	.60	198/17	994.6	1009.3	980.7
Mar	-24.7	-11.7	-37.5	6.7	205	.82	211/27	985.2	1002.4	967.3
Apr	-23.6	-10.2	-41.1	8.3	213	.93	213/~~08~~22	979.4	998.0	956.7
May	-24.6	-12.9	-40.6	8.5	204	.91	212/25	985.4	1006.1	960.1
Jun	-36.3	-16.7	-49.4	4.7	206	.79	194/25	988.9	1023.8	964.3
Jul	-36.8	-19.1	-50.6	5.8	209	.87	205/20	981.2	1003.5	962.9
Aug	-39.8	-16.9	-56.9	5.0	222	.93	218/28	975.4	993.3	949.9
Sep										
Oct										
Nov										
Dec	-7.2	3.4	-15.6	4.0	222	.66	212/17	984.3	996.7	968.6

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)
1983										
Nancy	(8908)				30 M				77.90 S	168.20 E
Jan	-8.3	2.2	-16.9	1.9	133	.53	155/09	996.5	1005.5	985.1
Feb	-16.1	-2.4	-33.0	2.6	163	.62	176/12	997.4	1012.3	984.2
Mar	-22.9	-7.6	-35.6	3.1	185	.57	194/29	988.2	1005.7	972.0
Apr	-20.5	-6.1	-38.0	3.7	208	.62	201/23	982.5	999.7	960.0
May	-20.9	-6.5	-41.6	4.0	192	.63	188/20	987.9	1010.1	963.2
Jun	-33.9	-11.7	-49.7	1.9	198	.28	191/17	985.7	1026.1	967.0
Jul	-34.9	-15.5	-52.7	1.5	210	.17	191/18	978.1	1004.4	967.0
Aug	-36.4	-18.6	-55.9	2.9	206	.65	211/28	980.5	1002.6	954.2
Sep	—	—	—	1.7	192	.30	210/19	985.4	1017.9	952.5
Oct	—	—	—	3.2	203	.57	203/21	971.7	1000.8	948.8
Nov	—	—	—	3.1	213	.64	240/21	974.8	986.8	957.4
Dec	—	—	—	—	—	—	—	—	—	—
Siple	(8909)				1054 M				74.90 S	84.00 W
Jan	-13.2	-2.9	-26.1	4.2	156	.48	146/17	869.4	877.7	852.7
Feb	-17.3	-8.2	-32.2	6.4	138	.56	141/20	864.6	880.9	844.5
Mar	-25.0	-13.0	-40.4	4.8	209	.57	260/15	863.4	874.7	854.6
Apr	-25.2	-6.6	-39.4	5.7	207	.37	243/23	864.6	883.3	844.7
May	-29.0	-13.1	-45.2	4.1	142	.57	103/17	867.2	885.6	849.4
Jun	-35.9	-17.1	-51.4	4.3	219	.52	245/16	860.9	881.0	844.7
Jul	-37.4	-20.0	-49.5	4.2	155	.70	148/20	854.8	871.7	830.9
Aug[1]	-34.3	-9.7	-50.6	6.5	158	.57	146/18	850.2	878.2	819.8
Sep	-30.2	-12.1	-43.4	5.1	228	.45	049/16	858.4	883.6	831.7
Oct	-27.8	-12.6	-45.7	5.8	189	.24	075/23	849.5	876.6	823.6
Nov	-23.3	-9.7	-36.7	5.1	147	.70	145/21	854.4	861.8	845.6
Dec	-14.9	-5.6	-23.1	6.0	152	.78	157/18	861.1	873.7	850.4

1 54 hrs data missing 6,10,15 Aug

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)
1983										
Whitlock (8913) (Franklin Island) 274 M									76.24 S	168.66 E
Jan	-3.4	2.1	-7.6		083	.24	014/XX	963.1	972.3	949.0
Feb[1]	-8.0	1.0	-15.5		140	.36	162/XX	963.6	981.5	948.6
Mar[2]	-14.1	-6.1	-24.6		159	.42	152/XX	953.4	971.3	939.8
Apr	-18.2	-7.7	-27.9		288	.29	166/19	948.7	966.0	930.5
May	-17.9	-6.9	-31.5		193	.35	187/22	953.0	974.0	931.2
Jun	-24.6	-12.0	-32.9		211	.08	181/24	955.4	990.6	935.9
Jul	-28.8	-18.2	-39.2		321	.26	164/19	948.1	969.7	934.0
Aug[3]	-26.0	-10.2	-36.6		318	.56	162/19	945.6	968.7	919.6
Sep	-23.6	-12.1	-35.0		174	.07	157/28	950.0	979.2	924.3
Oct	-19.1	-7.9	-33.7		307	.16	186/22	936.9	964.0	913.4
Nov	-11.4	-4.6	-19.1		322	.19	193/17	942.6	953.3	927.5
Dec	-5.1	2.9	-12.4		082	.15	143/13	955.5	967.0	942.2
Avg	-16.7	-6.6	-26.3			.26		951.3	971.5	933.0
S.D.	8.4	6.3	10.4			.14		7.8	9.4	10.9
Max	-3.4	2.9	-7.6		352	.56		963.6	981.5	949.0
Min	-28.8	-18.2	-39.2		112	.07		942.6	953.3	913.4
Meeley (8915)					49 M				78.52 S	170.18 E
Jan	-7.9	1.4	-18.4	3.2	215	.53	234/12	991.4	1002.2	978.6
Feb	-18.7	-3.8	-35.7	4.0	191	.61	211/14	994.2	1008.6	980.9
Mar	-25.2	-10.9	-39.4	6.4	205	.86	232/25	984.8	1002.1	968.0
Apr	-23.6	-10.1	-41.2	8.0	210	.96	227/22	978.6	996.8	954.7
May	-24.3	-12.9	-38.6	7.8	206	.92	225/22	984.6	1005.5	958.8
Jun										
Jul										
Aug										
Sep	-35.2	-17.6	-48.0				200/25	982.9	1015.5	946.3
Oct										
Nov	-16.2	-7.0	-26.0	5.3	212	.88	218/19	972.3	984.8	954.6
Dec	-9.3	1.1	-18.8	3.9	216	.71	221/15	984.1	997.0	967.3

1 54 hrs data missing 25-28 Feb
2 57 hrs data missing 4-6 Mar
3 54 hrs data missing 6,10,15 Aug

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

JAN 83

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	720	-20	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	720	-20	0	0
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	720	-19	0	0
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	721	-23	0	0
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	722	-31	1	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	722	-32	2	180
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	722	-29	4	181
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	722	-26	4	180	718	-24	9	121	719	-21	10	107	722	-20	7	90	723	-20	6	141	723	-19	7	134	727	-23	8	141
03	721	-22	5	149	718	-21	10	111	720	-19	10	105	722	-18	7	101	723	-18	6	110	723	-18	7	141	728	-21	10	118
06	720	-19	4	141	717	-20	11	90	720	-18	11	90	722	-17	6	90	723	-18	6	113	724	-17	8	135	728	-18	6	120
09	720	-19	4	134	717	-20	11	101	720	-18	10	90	722	-17	4	90	722	-18	6	121	724	-19	7	141	728	-19	7	120
12	719	-24	2	153	718	-21	11	107	721	-19	10	93	723	-18	3	141	723	-19	3	141	725	-24	5	162	728	-20	8	141
15	719	-28	4	141	718	-22	11	113	721	-21	9	104	723	-22	3	129	723	-20	4	141	726	-28	6	141	728	-20	7	108
18	718	-29	5	141	719	-22	9	101	722	-22	6	117	723	-23	4	127	723	-20	4	129	726	-30	7	141	728	-21	4	111
21	718	-28	7	129	719	-22	10	111	722	-22	6	141	723	-22	5	141	723	-20	6	141	727	-29	7	155	728	-20	5	111
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	728	-19	8	101	725	-22	8	141	721	-24	8	142	717	-26	8	159	717	-28	8	149	715	-29	11	141	718	-26	8	141
03	727	-17	7	90	724	-18	9	141	721	-21	7	141	717	-23	6	141	717	-24	8	142	714	-26	11	134	718	-22	9	125
06	727	-17	6	114	724	-17	8	141	720	-21	7	141	717	-21	6	141	716	-23	8	141	714	-25	13	141	719	-21	9	131
09	726	-17	6	120	723	-19	7	127	719	-21	7	135	717	-21	3	141	717	-24	7	141	714	-25	12	141	720	-21	8	141
12	726	-18	8	117	724	-23	4	148	719	-24	5	148	717	-26	4	167	716	-28	6	141	715	-26	10	141	720	-21	8	101
15	726	-19	8	141	723	-27	4	180	718	-29	3	174	717	-33	3	181	716	-31	8	134	716	-27	8	141	721	-21	6	90
18	725	-21	9	125	722	-30	6	180	718	-33	5	180	717	-34	5	180	715	-33	6	152	716	-28	8	141	721	-21	9	141
21	725	-24	8	134	722	-28	6	152	718	-30	7	180	717	-33	5	180	715	-32	9	143	717	-28	8	153	722	-22	11	114
		DAY	29			DAY	30			DAY	31																	
00	722	-21	12	118	727	-24	10	141	728	-27	7	161																
03	723	-20	11	141	727	-22	11	141	727	-24	8	161																
06	724	-18	10	114	727	-21	11	141	726	-22	8	156																
09	725	-20	10	115	727	-22	9	143	725	-22	6	141																
12	726	-21	10	141	727	-26	8	141	724	-27	7	152																
15	726	-21	12	128	727	-28	8	141	724	-31	7	161																
18	726	-24	11	141	728	-27	9	141	723	-32	7	180																
21	727	-24	12	148	728	-29	7	180	722	-32	8	160																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -23.0 STD DEV = 4.4 MAX = -16.6 AT 747 GMT ON DAY 18 MIN = -34.2 AT 1759 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 721.7 STD DEV = 3.9 MAX = 728.4 AT 2230 GMT ON DAY 30 MIN = 713.9 AT 730 GMT ON DAY 27
* WINDS (M/S) * MEAN = 7.1 STD DEV = 2.7 RESULTANT = 6.6 FROM 133. CONSTANCY = .93 MAX = 14.3 FROM 134. AT 921 GMT DAY 27
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 42.3 % PRESSURE: 42.3 % WINDS: 42.3 %

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:	3	10	17	31	22	15	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	0	0	0	0	10	18	48	14	10	0	0	0	0	0	0	0

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

FEB 83

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	721	-22	9	117	724	-22	9	141	721	-28	11	141	726	-25	8	141	728	-17	5	113	726	-22	8	134
03	720	-25	10	141	722	-20	8	101	723	-23	11	145	720	-26	11	149	726	-23	11	125	727	-14	8	90	726	-21	8	163
06	719	-24	10	141	723	-19	5	141	723	-23	9	141	720	-24	11	136	728	-20	7	128	727	-14	8	101	726	-21	6	180
09	719	-24	10	124	723	-21	7	141	723	-24	9	141	721	-24	9	141	728	-22	8	145	726	-15	7	141	727	-22	4	158
12	719	-24	9	104	724	-23	8	131	722	-27	8	161	722	-27	7	141	729	-25	7	141	725	-19	8	152	727	-28	3	180
15	719	-25	7	115	724	-24	8	129	721	-30	8	158	723	-26	8	110	728	-25	9	141	724	-22	7	180	727	-31	5	166
18	720	-24	7	141	724	-24	8	141	721	-32	8	160	724	-28	6	124	728	-25	8	131	724	-25	5	180	728	-33	5	180
21	721	-24	5	141	724	-25	6	141	721	-31	9	170	725	-27	8	125	728	-22	6	141	725	-23	5	145	728	-33	5	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	728	-29	8	141	722	-23	13	141	726	-13	15	82	733	-16	6	107	722	-17	9	141	717	-22	5	141	715	-30	8	139
03	727	-25	7	141	722	-21	15	111	727	-12	12	90	732	-14	7	105	720	-16	9	127	717	-21	6	125	715	-27	8	124
06	727	-24	9	138	722	-21	16	135	728	-12	11	90	730	-14	8	141	719	-15	8	141	717	-22	6	117	715	-25	9	118
09	726	-25	7	141	722	-21	13	110	729	-12	11	90	729	-15	8	111	718	-16	8	141	716	-23	5	124	716	-26	9	141
12	725	-28	10	141	722	-20	16	110	730	-13	10	58	729	-15	8	117	718	-18	6	90	716	-26	5	141	716	-27	10	124
15	724	-29	13	141	722	-19	14	90	731	-14	8	54	726	-16	7	122	717	-21	5	107	716	-30	5	141	717	-29	9	135
18	723	-28	12	141	723	-18	12	90	732	-16	2	69	725	-16	7	121	717	-22	4	122	715	-35	7	153	718	-30	8	141
21	723	-27	14	129	724	-15	11	79	733	-16	5	90	723	-17	9	141	717	-23	4	141	715	-34	6	149	718	-30	8	131
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	719	-29	8	141	717	-29	9	141	710	-28	12	141	712	-33	8	141	713	-35	7	158	709	-39	8	180	709	-41	8	180
03	719	-26	10	141	716	-27	10	141	710	-26	8	141	712	-30	8	141	712	-31	7	158	709	-36	8	162	708	-38	7	158
06	719	-25	8	141	715	-27	9	141	710	-26	11	141	713	-28	8	141	712	-29	6	180	708	-33	7	161	708	-35	8	159
09	719	-26	7	113	713	-27	12	141	710	-27	11	141	713	-29	6	136	711	-30	3	180	708	-34	5	180	709	-35	5	170
12	719	-27	8	135	712	-27	12	141	710	-30	8	143	714	-32	7	131	711	-36	4	174	708	-39	4	180	709	-41	3	180
15	719	-29	8	128	711	-28	12	141	710	-33	8	149	713	-34	7	141	710	-39	5	180	708	-42	4	179	710	-44	4	180
18	718	-32	7	141	710	-28	10	129	711	-35	7	170	713	-37	7	149	710	-41	5	180	708	-44	5	174	710	-45	5	174
21	718	-30	8	141	710	-29	12	141	711	-36	6	153	713	-38	7	180	710	-42	6	180	708	-43	6	180	710	-45	7	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	710	-42	7	180	709	-41	6	170	707	-44	7	160	715	-44	6	180	718	-36	3	135	714	-36	6	148	715	-43	6	159
03	710	-39	9	169	708	-36	5	180	706	-40	8	141	716	-40	5	141	716	-33	4	149	714	-33	4	165	715	-40	5	180
06	709	-36	6	170	708	-33	3	180	707	-39	7	149	717	-38	3	158	715	-31	5	141	713	-32	3	141	714	-37	4	180
09	709	-36	3	176	708	-35	2	183	708	-39	4	156	717	-38	1	161	715	-32	4	148	713	-32	2	141	714	-38	2	180
12	709	-41	3	189	707	-42	3	191	709	-44	3	180	718	-43	1	205	714	-35	3	165	714	-36	2	179	715	-42	2	205
15	709	-44	5	180	707	-45	3	180	710	-46	4	180	718	-45	2	180	714	-35	3	180	714	-39	4	167	714	-44	2	197
18	709	-44	6	180	706	-47	4	180	712	-48	3	172	718	-41	2	149	714	-37	4	180	714	-42	3	180	714	-47	2	228
21	709	-44	4	180	707	-47	4	167	713	-48	5	180	718	-39	3	149	714	-37	4	156	715	-43	6	180	713	-46	3	189

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.5 STD DEV = 9.1 MAX = -11.2 AT 632 GMT ON DAY 10 MIN = -48.9 AT 1943 GMT ON DAY 24
* PRESSURE (MB) * MEAN = 717.6 STD DEV = 6.9 MAX = 732.7 AT 2332 GMT ON DAY 10 MIN = 706.2 AT 1828 GMT ON DAY 23
* WINDS (M/S) * MEAN = 7.0 STD DEV = 3.0 RESULTANT = 6.3 FROM 141. CONSTANCY = .90 MAX = 18.9 FROM 113. AT 1343 GMT DAY 9
* 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	14	23	25	21	9	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	0	0	0	1	5	9	42	16	26	1	0	0	0	0	0	0

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

MAR 83

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	713	-40	3	180	709	-45	6	180	711	-45	8	172	718	-42	7	173	719	-40	7	180	719	-42	1	180	708	-48	6	160
03	712	-36	2	193	709	-42	7	188	712	-40	8	180	718	-35	10	159	720	-33	4	180	718	-37	3	180	707	-45	6	180
06	710	-33	0	0	709	-38	5	186	713	-38	6	160	717	-35	8	161	720	-33	4	180	716	-35	1	225	707	-43	7	170
09	709	-35	1	251	709	-40	4	177	715	-39	6	160	717	-36	9	162	721	-36	2	180	714	-39	1	260	706	-44	5	160
12	709	-41	2	243	709	-45	4	180	716	-43	5	162	717	-39	7	180	721	-41	1	201	713	-44	1	225	707	-46	6	167
15	708	-38	1	198	709	-46	5	180	717	-44	7	180	717	-39	9	149	721	-44	3	180	712	-46	2	206	707	-48	4	169
18	708	-42	6	173	709	-47	6	170	718	-45	6	180	718	-42	7	180	720	-46	2	201	710	-49	3	180	706	-48	6	180
21	709	-47	5	198	710	-47	7	180	718	-45	6	163	719	-43	6	180	720	-47	1	218	709	-50	5	174	705	-48	6	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	705	-45	6	167	704	-47	7	161	709	-43	4	161	708	-41	3	189	709	-49	5	177	709	-49	5	163	704	-50	8	161
03	705	-43	9	153	705	-44	6	160	709	-39	5	145	707	-38	3	180	709	-45	6	180	708	-46	8	167	703	-47	8	170
06	704	-41	6	149	705	-42	7	149	709	-37	3	148	707	-38	3	187	709	-42	4	180	707	-45	7	180	702	-45	8	163
09	704	-43	4	180	705	-44	5	141	710	-40	2	180	707	-42	1	242	709	-44	4	183	707	-45	6	180	702	-47	6	180
12	705	-48	3	167	706	-48	3	180	710	-42	2	180	708	-48	2	189	710	-48	3	180	706	-47	7	156	702	-50	6	165
15	705	-48	5	159	707	-48	4	159	710	-42	2	180	708	-51	3	189	710	-50	3	177	705	-47	7	161	701	-51	8	180
18	704	-50	6	180	707	-47	4	165	709	-44	1	174	708	-52	4	180	709	-50	4	180	704	-48	8	159	701	-52	8	180
21	704	-51	6	180	708	-48	6	180	709	-46	2	180	708	-53	5	181	709	-50	5	180	704	-51	7	180	701	-54	7	167
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	702	-52	8	180	698	-50	6	159	700	-50	8	169	696	-47	10	161	704	-48	10	180	712	-44	4	195	697	-47	6	165
03	701	-49	7	180	699	-45	7	141	700	-46	9	163	695	-44	12	136	705	-46	12	163	709	-40	4	180	696	-45	6	180
06	701	-46	6	180	699	-44	7	141	700	-45	7	180	695	-43	11	142	707	-45	12	163	708	-39	3	184	695	-44	5	180
09	700	-48	5	169	700	-46	4	180	699	-47	3	180	696	-44	10	141	709	-45	9	165	705	-43	5	184	695	-47	3	179
12	699	-51	5	180	700	-49	3	179	699	-51	4	180	697	-45	11	141	711	-45	9	180	703	-45	5	179	695	-51	4	176
15	698	-52	6	163	700	-50	3	163	698	-50	6	162	698	-47	11	141	712	-44	8	180	701	-47	5	180	695	-54	6	180
18	698	-53	6	180	700	-52	3	180	698	-49	8	162	700	-48	9	160	713	-44	9	180	699	-48	4	180	695	-54	5	180
21	698	-53	7	167	700	-52	5	180	697	-49	7	161	702	-49	9	180	713	-45	7	183	698	-49	4	180	694	-54	8	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	695	-51	10	161	700	-50	8	180	696	-54	8	149	698	-30	11	110	714	-38	12	149	724	-40	9	180	722	-36	3	180
03	695	-49	9	161	700	-48	7	170	695	-52	8	141	700	-27	13	105	715	-36	11	153	724	-35	9	183	721	-34	4	177
06	696	-47	9	158	700	-46	8	180	694	-49	8	141	702	-27	11	90	717	-38	12	180	724	-34	7	177	718	-32	1	189
09	696	-49	8	180	700	-49	6	172	693	-45	10	139	705	-31	9	141	719	-41	11	180	725	-36	6	180	716	-30	2	173
12	697	-51	8	180	700	-52	6	180	694	-37	8	141	707	-36	10	149	720	-43	11	180	725	-37	6	180	714	-31	2	149
15	698	-52	7	180	699	-53	6	170	694	-35	10	122	709	-39	11	156	721	-45	10	179	724	-37	6	180	712	-30	2	141
18	698	-53	7	156	698	-54	4	180	694	-31	8	141	710	-39	13	158	723	-43	8	180	724	-38	5	195	710	-31	4	141
21	699	-53	6	169	697	-55	6	153	696	-30	9	101	712	-38	12	141	723	-42	8	180	724	-38	4	172	708	-32	5	124
		DAY	29			DAY	30			DAY	31																	
00	707	-33	6	141	715	-43	8	141	717	-32	6	135																
03	707	-35	6	141	714	-41	9	141	718	-28	5	90																
06	708	-39	6	146	715	-42	10	141	719	-27	4	136																
09	709	-39	8	156	715	-43	10	141	720	-29	3	141																
12	711	-42	7	141	716	-41	12	138	720	-27	3	128																
15	712	-45	8	148	716	-38	10	141	720	-27	2	113																
18	713	-44	6	170	716	-37	11	132	720	-26	2	90																
21	714	-44	7	149	717	-35	9	141	720	-26	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -43.3 STD DEV = 6.6 MAX = -25.5 AT 1725 GMT ON DAY 31 MIN = -55.0 AT 2147 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 707.7 STD DEV = 8.2 MAX = 724.9 AT 1106 GMT ON DAY 27 MIN = 693.1 AT 702 GMT ON DAY 24
* WINDS (M/S) * MEAN = 6.1 STD DEV = 2.8 RESULTANT = 5.8 FROM 164. CONSTANCY = .94 MAX = 15.5 FROM 163. AT 422 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:	8	19	23	25	16	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	0	0	0	0	2	2	14	25	52	3	1	1	0	0	0	0

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

APR 83

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	719	-27	0	0	711	-27	1	75	709	-46	5	180	712	-46	11	180	722	-46	8	180	707	-45	4	198	707	-48	7	177
03	719	-23	0	0	710	-30	2	203	708	-44	6	180	713	-44	10	166	720	-42	5	180	707	-42	7	180	707	-46	7	169
06	718	-24	0	0	710	-35	3	225	708	-43	7	180	714	-43	11	173	719	-42	5	174	708	-42	8	180	706	-45	7	180
09	717	-27	2	114	710	-42	4	206	708	-45	7	180	716	-44	10	180	718	-42	2	183	708	-43	10	173	706	-47	8	174
12	716	-26	3	90	710	-46	6	190	708	-46	9	180	718	-45	10	180	715	-41	2	189	708	-45	8	176	705	-48	9	180
15	714	-27	1	87	710	-46	5	180	708	-47	11	162	719	-48	10	180	712	-39	1	180	708	-46	6	180	705	-48	8	176
18	712	-25	2	90	709	-49	4	195	709	-47	10	180	721	-49	10	173	709	-39	1	198	707	-46	6	180	705	-49	8	184
21	711	-25	3	79	709	-49	5	180	710	-47	10	180	722	-49	8	180	707	-44	3	194	707	-48	7	180	705	-49	6	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	706	-49	7	180	714	-55	8	180	706	-52	10	156	708	-48	8	162	712	-51	6	180	706	-49	6	180	716	-46	11	180
03	706	-47	7	180	714	-54	8	180	705	-51	9	158	709	-47	7	155	711	-50	7	177	706	-46	6	186	719	-45	8	180
06	708	-47	9	180	713	-54	8	180	705	-50	9	180	710	-47	5	141	710	-49	6	166	706	-44	6	190	721	-45	9	179
09	709	-50	8	180	713	-55	6	165	705	-51	8	180	710	-52	3	180	710	-49	7	180	705	-47	6	180	722	-48	7	169
12	710	-52	8	179	712	-55	8	180	705	-51	10	167	711	-53	5	180	710	-49	7	180	706	-47	8	180	721	-49	8	167
15	711	-53	10	180	711	-55	10	165	706	-50	9	149	712	-53	5	167	709	-51	5	180	706	-48	9	180	721	-49	6	170
18	712	-54	7	180	709	-54	9	180	707	-50	8	162	712	-52	7	165	708	-51	6	177	708	-47	11	162	719	-49	6	180
21	713	-54	8	177	708	-53	9	159	707	-49	8	180	712	-52	6	180	707	-51	5	180	712	-45	12	172	717	-48	7	163
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	715	-48	6	160	704	-54	4	180	704	-57	5	180	706	-56	4	180	709	-55	3	184	X	X	X	X	705	-52	6	180
03	714	-47	6	180	704	-54	7	180	703	-55	7	180	706	-54	5	188	709	-52	2	197	707	-50	6	179	705	-50	6	180
06	712	-47	6	177	704	-54	5	180	702	-54	6	180	707	-54	2	189	708	-52	3	180	706	-51	7	177	704	-50	7	180
09	710	-48	5	176	705	-56	3	206	703	-56	5	180	707	-56	1	204	708	-52	3	180	706	-52	9	180	703	-50	5	180
12	X	X	X	X	705	-56	4	205	703	-56	6	186	707	-56	3	174	708	-53	3	197	706	-52	7	180	702	-52	5	180
15	X	X	X	X	705	-58	4	180	704	-57	6	181	708	-54	2	225	708	-52	2	180	706	-52	7	183	700	-53	5	180
18	705	-52	4	180	704	-57	5	183	704	-57	6	180	708	-52	3	225	707	-51	4	186	706	-52	8	186	699	-53	4	180
21	704	-51	3	188	704	-57	5	180	705	-57	4	181	709	-53	1	233	707	-51	6	180	706	-52	6	180	698	-54	6	183
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	698	-54	6	180	705	-50	9	169	700	-54	9	169	X	X	X	X	X	X	X	X	708	-56	4	181	709	-45	10	143
03	698	-52	9	180	705	-50	7	180	700	-54	8	176	709	-54	9	180	707	-52	5	180	707	-54	7	166	710	-44	8	156
06	698	-52	9	174	705	-50	7	174	700	-54	8	180	710	-55	7	180	707	-52	4	180	708	-54	5	180	711	-47	6	167
09	699	-52	8	165	705	-52	6	174	701	-54	9	173	711	-57	5	181	706	-55	5	190	707	-52	7	180	712	-47	7	180
12	701	-51	8	180	704	-54	6	180	702	-53	9	165	711	-57	6	186	706	-55	4	180	707	-50	8	149	713	-46	6	180
15	702	-51	8	180	703	-54	7	180	702	-51	9	170	711	-58	4	183	706	-56	3	194	707	-49	8	160	712	-47	6	177
18	703	-51	8	180	701	-54	8	180	704	-48	8	180	710	-57	6	180	706	-56	6	180	707	-46	9	158	712	-47	5	197
21	704	-52	8	169	701	-54	7	173	706	-50	8	180	709	-56	7	184	707	-56	4	180	708	-46	9	149	712	-46	5	180
		DAY	29			DAY	30																					
00	711	-44	5	180	708	-53	8	180																				
03	711	-44	6	176	707	-52	8	180																				
06	711	-47	4	180	707	-51	8	173																				
09	711	-49	5	180	707	-51	10	180																				
12	711	-51	6	180	708	-49	10	180																				
15	711	-52	6	180	708	-48	12	180																				
18	710	-52	6	180	710	-48	10	180																				
21	709	-53	6	180	712	-48	12	173																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -49.0 STD DEV = 6.3 MAX = -23.0 AT 300 GMT ON DAY 1 MIN = -58.0 AT 1459 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 708.4 STD DEV = 4.8 MAX = 722.1 AT 2253 GMT ON DAY 4 MIN = 697.9 AT 421 GMT ON DAY 22
* WINDS (M/S) * MEAN = 6.4 STD DEV = 2.5 RESULTANT = 6.3 FROM 176. CONSTANCY = .98 MAX = 13.6 FROM 167. AT 40 GMT DAY 4
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.1 % PRESSURE: 2.1 % WINDS: 2.1 %

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:	6	11	25	28	24	6	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	2	0	1	12	77	6	2	0	0	0	0	0

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

MAY 83

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	717	-46	3	180	X	X	X	X	716	-49	10	180	716	-47	11	180	714	-45	9	180	722	-48	8	180
03	716	-46	8	180	715	-44	2	180	699	-54	5	180	718	-50	9	180	715	-46	10	176	715	-46	9	190	724	-48	6	180
06	718	-46	7	183	712	-42	3	180	699	-55	6	180	720	-50	8	180	715	-45	9	180	715	-46	8	180	723	-48	9	180
09	719	-49	5	180	710	-41	2	163	699	-54	8	177	721	-50	8	180	715	-46	10	180	716	-46	8	180	725	-47	8	180
12	719	-49	8	177	707	-41	1	203	701	-49	14	170	721	-51	6	176	714	-46	8	180	717	-46	8	180	725	-47	6	183
15	719	-49	7	188	705	-43	1	206	704	-48	14	180	720	-51	7	179	714	-45	10	173	718	-47	7	180	725	-46	4	189
18	719	-48	3	180	703	-48	2	206	708	-49	12	180	719	-52	7	174	713	-45	9	180	719	-46	7	197	725	-44	3	218
21	718	-49	4	187	702	-48	5	207	711	-49	16	163	717	-51	10	180	713	-45	10	180	721	-48	6	180	725	-44	4	189
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	725	-43	3	177	712	-40	6	180	705	-53	7	180	704	-57	8	180	703	-45	3	165	704	-45	4	181	700	-52	5	180
03	724	-40	6	180	711	-40	5	166	704	-53	9	180	704	-56	9	180	703	-45	4	180	703	-48	4	180	700	-52	6	180
06	723	-41	8	180	709	-42	4	180	703	-54	9	180	704	-56	8	180	702	-45	4	180	703	-47	5	180	700	-52	5	180
09	722	-39	8	177	708	-44	7	170	703	-55	10	180	704	-56	7	166	702	-44	5	176	703	-44	4	180	700	-53	6	180
12	721	-38	6	180	707	-48	7	180	703	-56	10	165	705	-55	7	156	703	-44	5	173	702	-46	4	187	699	-54	5	180
15	719	-41	5	181	706	-50	7	180	703	-57	10	180	704	-54	6	180	702	-43	4	170	701	-50	4	180	700	-54	3	176
18	717	-42	6	180	706	-51	7	173	703	-57	9	180	704	-50	4	161	703	-44	3	180	701	-51	5	180	699	-53	5	177
21	715	-40	6	170	705	-51	9	156	703	-57	10	172	703	-48	3	163	703	-44	4	180	700	-52	3	180	699	-53	4	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	699	-52	4	180	X	X	X	X	709	-59	8	176	712	-46	9	141	712	-51	8	180	698	-49	8	180	699	-48	8	180
03	699	-54	5	181	702	-58	7	176	710	-59	6	180	713	-47	9	180	708	-51	11	180	698	-49	6	180	700	-49	7	180
06	700	-54	7	158	702	-59	6	186	710	-59	8	170	714	-46	10	180	704	-51	9	180	698	-50	7	180	702	-49	5	180
09	700	-54	6	180	703	-60	7	173	711	-58	8	163	715	-46	7	163	702	-51	11	180	699	-50	8	180	704	-49	6	180
12	701	-54	7	180	703	-59	7	180	711	-57	9	167	715	-47	9	159	699	-49	9	162	698	-48	8	170	705	-48	6	180
15	701	-54	6	180	705	-59	7	180	710	-53	11	153	715	-46	8	163	698	-50	9	180	698	-48	9	156	X	X	X	X
18	701	-55	6	173	706	-59	6	180	710	-48	13	141	714	-47	8	180	697	-50	8	180	698	-48	9	180	708	-47	6	180
21	701	-57	7	180	708	-59	8	173	710	-47	11	141	713	-49	8	180	698	-49	8	180	698	-48	9	170	708	-46	8	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	701	-50	7	180	705	-59	3	180	707	-53	7	180	729	-42	10	167	740	-39	11	176	739	-38	9	180
03	708	-48	7	173	700	-48	6	184	706	-59	4	170	708	-49	8	174	731	-42	9	180	741	-39	9	180	738	-37	10	180
06	707	-48	8	180	699	-48	6	180	708	-58	5	180	711	-44	9	149	733	-41	8	180	742	-40	9	180	737	-38	9	180
09	706	-48	8	180	699	-54	2	189	708	-59	6	180	714	-42	10	155	735	-41	9	169	743	-40	8	180	737	-38	7	180
12	705	-48	9	173	699	-57	3	180	708	-57	5	180	719	-43	9	180	736	-42	10	177	743	-41	8	180	736	-36	9	180
15	704	-48	8	179	701	-59	3	172	707	-55	6	180	722	-42	9	180	737	-41	10	180	741	-41	10	177	735	-36	9	184
18	704	-48	10	172	702	-58	4	153	706	-55	6	191	724	-44	8	180	738	-41	9	180	741	-40	10	180	735	-36	8	179
21	704	-51	5	180	704	-57	3	180	706	-54	7	188	727	-42	8	166	739	-40	8	180	740	-39	9	180	735	-36	9	180
		DAY	29			DAY	30			DAY	31																	
00	736	-36	8	180	736	-44	5	189	726	-46	2	201																
03	736	-39	8	179	736	-44	5	180	723	-44	1	205																
06	736	-39	5	180	735	-46	3	180	720	-40	0	0																
09	737	-40	6	180	735	-47	4	189	717	-37	0	0																
12	737	-39	5	180	733	-47	3	180	714	-34	0	0																
15	737	-40	6	191	732	-48	3	206	711	-33	0	0																
18	737	-41	7	180	730	-49	4	180	708	-36	0	0																
21	737	-42	5	180	728	-50	2	198	705	-32	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -47.6 STD DEV = 6.1 MAX = -31.1 AT 2120 GMT ON DAY 31 MIN = -60.0 AT 826 GMT ON DAY 16
* PRESSURE (MB) * MEAN = 713.2 STD DEV = 12.7 MAX = 743.4 AT 1119 GMT ON DAY 27 MIN = 697.1 AT 1833 GMT ON DAY 19
* WINDS (M/S) * MEAN = 6.8 STD DEV = 2.7 RESULTANT = 6.7 FROM 177. CONSTANCY = .99 MAX = 17.2 FROM 165. AT 1701 GMT DAY 3
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.0 % PRESSURE: 2.0 % WINDS: 2.0 %

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:	6	11	20	27	28	6	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	0	0	0	0	0	0	1	10	84	4	0	0	0	0	0	0

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

JUN 83

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	702	-40	3	270	694	-50	6	170	706	-58	0	0	708	-31	8	304	704	-45	2	251	701	-57	8	179	701	-54	5	180
03	701	-43	4	211	694	-50	7	153	707	-56	1	3	707	-33	8	309	704	-51	2	180	X	X	X	X	X	X	X	X
06	699	-50	3	180	695	-50	5	159	708	-48	0	0	707	-33	6	309	X	X	X	X	699	-56	9	180	703	-53	6	180
09	698	-49	3	180	697	-51	3	180	708	-52	0	0	706	-35	5	314	702	-53	6	180	699	-55	8	180	705	-54	5	180
12	697	-49	7	141	698	-51	3	180	709	-50	1	69	706	-36	5	305	703	-56	5	167	699	-55	9	174	706	-56	4	180
15	694	-50	8	149	700	-53	2	180	709	-45	2	349	705	-38	1	270	702	-56	7	180	699	-53	9	181	707	-57	4	187
18	694	-51	9	152	702	-55	1	198	709	-35	7	309	705	-41	2	270	701	-57	7	180	700	-54	8	179	707	-57	6	177
21	693	-51	9	162	704	-56	1	189	708	-34	7	309	704	-44	0	0	701	-57	7	180	700	-54	7	180	707	-58	5	190
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	708	-57	5	180	718	-46	6	153	713	-35	4	117	706	-39	7	161	X	X	X	X	693	-46	4	180	693	-49	5	172
03	708	-55	4	179	719	-43	5	148	713	-33	3	135	706	-40	6	149	697	-38	6	141	692	-48	5	180	693	-47	4	180
06	709	-53	4	180	719	-41	7	141	711	-33	4	120	705	-40	7	150	696	-38	5	141	692	-49	6	180	693	-48	4	180
09	710	-52	5	176	718	-38	9	141	710	-37	4	141	704	-41	6	149	695	-39	4	146	692	-50	6	181	693	-45	3	177
12	712	-51	6	180	718	-36	8	125	710	-36	4	141	703	-41	4	141	695	-41	5	141	692	-47	4	167	694	-45	3	179
15	713	-50	5	180	716	-34	5	101	709	-40	5	170	702	-41	4	141	694	-42	5	141	692	-50	4	180	694	-44	3	134
18	715	-51	5	172	715	-33	4	122	708	-41	7	149	701	-40	5	135	694	-43	3	170	692	-49	4	180	694	-42	1	90
21	716	-49	6	180	713	-32	4	190	707	-40	7	145	700	-39	5	141	693	-43	3	167	693	-48	4	180	695	-43	2	90
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	X	X	707	-50	13	180	720	-42	6	189	X	X	X	X	731	-43	5	184	X	X	X	X	726	-32	8	141
03	694	-52	3	180	711	-48	15	188	720	-41	5	190	722	-47	5	189	731	-39	7	180	733	-39	5	180	725	-33	8	170
06	694	-55	5	180	714	-49	9	180	720	-43	5	180	722	-46	5	207	731	-37	6	180	732	-40	5	165	723	-36	12	161
09	694	-57	7	180	717	-49	4	189	722	-45	5	180	723	-45	6	180	732	-35	7	180	730	-39	6	170	722	-36	11	141
12	694	-54	8	183	718	-42	7	225	722	-45	4	180	725	-45	8	188	733	-35	4	195	730	-35	6	161	723	-35	8	150
15	695	-54	9	179	718	-41	8	212	722	-47	4	180	727	-46	5	198	732	-34	4	194	728	-33	6	161	723	-36	8	141
18	698	-52	11	180	719	-39	6	204	722	-47	3	200	729	-44	6	180	733	-35	7	180	727	-33	7	149	723	-35	11	141
21	702	-51	11	180	720	-40	4	195	722	-47	4	180	730	-43	6	177	733	-34	5	180	726	-33	10	141	723	-37	13	152
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	724	-39	8	180	723	-41	11	150	719	-41	8	149	729	-36	8	142	746	-39	8	180	X	X	X	X	705	-34	10	295
03	724	-40	9	180	X	X	X	X	719	-41	8	148	731	-35	9	158	746	-40	9	176	737	-34	6	180	X	X	X	X
06	723	-42	10	161	X	X	X	X	720	-40	8	141	733	-35	7	180	746	-41	8	177	736	-36	6	184	697	-45	9	180
09	723	-44	11	141	X	X	X	X	721	-39	8	141	735	-31	8	149	746	-42	7	180	734	-40	2	206	696	-41	13	170
12	724	-44	8	155	X	X	X	X	722	-39	8	141	738	-29	8	141	745	-43	6	180	730	-40	2	225	697	-42	14	180
15	724	-44	9	159	X	X	X	X	724	-39	6	135	740	-31	9	150	743	-42	6	180	725	-36	0	0	698	-43	13	181
18	723	-42	11	141	X	X	X	X	726	-41	6	132	743	-36	8	167	742	-38	5	190	718	-29	8	301	699	-46	11	180
21	722	-41	12	141	X	X	X	X	728	-37	6	141	745	-40	7	180	740	-33	8	183	712	-34	5	278	699	-49	9	180
		DAY	29			DAY	30																					
00	699	-51	8	180	703	-57	8	149																				
03	700	-52	6	180	702	-55	10	141																				
06	700	-54	5	180	703	-54	9	149																				
09	701	-54	5	180	703	-54	10	170																				
12	703	-54	6	172	705	-55	8	180																				
15	704	-56	7	180	706	-56	7	156																				
18	704	-57	8	167	707	-57	6	180																				
21	704	-58	7	170	709	-58	6	179																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -44.3 STD DEV = 7.7 MAX = -28.0 AT 1821 GMT ON DAY 27 MIN = -58.2 AT 2054 GMT ON DAY 30
* PRESSURE (MB) * MEAN = 712.0 STD DEV = 14.3 MAX = 746.3 AT 640 GMT ON DAY 26 MIN = 691.9 AT 621 GMT ON DAY 13
* WINDS (M/S) * MEAN = 6.2 STD DEV = 2.7 RESULTANT = 5.2 FROM 170. CONSTANCY = .84 MAX = 16.2 FROM 174. AT 1141 GMT DAY 28
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 6.7 % PRESSURE: 6.7 % WINDS: 6.7 %

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:	7	13	32	23	17	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	1	0	0	0	2	1	16	16	51	5	1	0	2	1	3	0

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

JUL 83

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	710	-59	6	187	706	-51	7	141	702	-55	7	166	702	-58	8	180	707	-54	8	180	711	-60	10	180	X	X	X	X
03	710	-59	5	180	704	-48	9	145	701	-56	7	181	702	-58	10	174	708	-54	8	180	712	-59	8	180	711	-53	4	180
06	711	-59	3	180	703	-48	9	141	701	-56	7	180	702	-58	9	167	708	-54	8	184	713	-59	8	183	709	-53	4	225
09	711	-59	4	184	702	-49	9	141	701	-57	7	180	703	-58	9	180	709	-55	6	180	714	-58	5	181	707	-53	7	208
12	711	-59	6	180	702	-50	7	166	701	-57	8	180	704	-58	7	180	709	-56	6	180	713	-55	5	189	706	-55	10	183
15	711	-60	5	174	702	-52	7	170	700	-58	8	179	704	-58	8	181	709	-58	6	180	713	-53	6	198	703	-56	7	180
18	710	-59	7	180	702	-53	6	170	701	-59	7	180	705	-58	7	187	709	-60	7	186	714	-51	7	180	701	-54	9	180
21	708	-57	8	159	702	-55	7	180	701	-58	7	180	706	-55	8	180	710	-59	8	190	714	-49	8	193	699	-52	8	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	698	-51	9	190	696	-56	8	180	693	-57	9	180	697	-57	10	158	710	-41	7	142	712	-29	7	70	712	-43	6	180
03	698	-50	8	181	X	X	X	X	693	-58	9	163	699	-55	10	149	710	-38	7	115	713	-28	5	69	711	-46	6	180
06	699	-50	10	180	694	-55	7	180	693	-58	9	180	701	-54	9	141	710	-36	7	111	713	-31	1	94	711	-47	6	179
09	699	-51	9	180	693	-53	10	180	693	-58	7	180	703	-53	8	170	710	-37	6	141	714	-30	1	149	710	-49	7	179
12	700	-52	8	177	694	-54	7	180	694	-58	8	180	704	-53	9	153	709	-34	4	143	714	-32	3	180	709	-50	6	180
15	699	-54	7	180	693	-55	8	180	695	-58	9	180	706	-51	8	141	709	-31	3	120	713	-38	4	183	708	-46	6	180
18	699	-55	7	190	693	-56	8	167	696	-58	9	180	707	-47	8	141	710	-30	3	45	713	-42	5	160	707	-50	6	176
21	697	-56	7	180	693	-56	8	180	697	-58	11	141	709	-44	6	141	710	-29	4	90	713	-42	6	172	706	-50	8	177
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	706	-51	7	180	703	-57	4	360	703	-61	3	186	696	-59	5	180	691	-62	6	180	702	-65	1	194	696	-47	6	139
03	706	-52	7	180	702	-58	5	180	X	X	X	X	695	-58	5	180	692	-64	7	176	703	-63	1	184	695	-51	7	180
06	705	-53	7	180	702	-59	5	180	702	-62	3	180	694	-59	5	180	693	-64	6	180	703	-59	4	360	696	-54	5	174
09	705	-53	7	172	702	-59	4	183	701	-61	2	180	693	-60	5	180	694	-66	5	360	701	-51	6	360	697	-56	8	180
12	705	-55	6	180	703	-60	5	186	700	-60	3	184	692	-61	5	360	696	-66	4	180	698	-42	8	141	698	-56	7	191
15	704	-55	6	180	703	-60	3	180	699	-58	2	187	692	-61	5	360	697	-68	3	180	697	-42	8	111	701	-54	9	180
18	703	-56	6	180	703	-60	3	180	698	-60	3	180	691	-62	6	360	699	-69	3	190	696	-43	5	117	702	-55	9	180
21	703	-57	6	177	703	-60	3	180	697	-60	4	180	691	-62	6	180	700	-68	2	191	695	-44	6	101	703	-56	10	177
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	704	-56	10	176	704	-52	7	180	686	-61	9	116	687	-53	12	141	684	-54	8	141	679	-59	8	180	683	-62	9	180
03	705	-56	8	180	702	-53	6	180	685	-65	11	27	687	-54	12	141	683	-54	8	141	679	-59	7	158	683	-62	7	176
06	705	-57	7	180	701	-53	5	180	683	-66	13	27	687	-54	10	141	682	-55	7	141	681	-59	8	180	683	-63	8	170
09	706	-54	8	198	698	-57	4	186	683	-64	11	360	687	-55	10	129	681	-56	6	149	683	-59	9	180	683	-65	7	180
12	706	-53	6	180	696	-59	3	180	684	-60	13	360	687	-54	8	131	681	-56	6	150	684	-60	7	180	684	-66	9	180
15	706	-54	6	184	693	-61	3	180	684	-57	13	141	686	-55	10	141	680	-57	5	163	684	-60	6	166	684	-66	9	180
18	706	-53	4	180	690	-63	2	205	685	-54	13	141	685	-55	10	141	679	-58	6	180	683	-61	10	170	684	-67	8	176
21	705	-52	7	180	687	-58	6	360	687	-53	13	138	684	-55	8	146	679	-59	5	180	683	-61	8	180	685	-67	7	169
		DAY	29			DAY	30			DAY	31																	
00	686	-67	8	180	701	-65	5	177	697	-49	8	150																
03	687	-65	10	174	702	-64	6	180	697	-48	8	141																
06	690	-65	8	179	702	-64	7	187	697	-50	5	141																
09	693	-65	8	173	702	-64	6	177	697	-50	4	145																
12	695	-65	7	180	701	-63	5	180	697	-52	5	161																
15	697	-64	6	180	700	-60	6	180	697	-53	7	152																
18	699	-65	6	180	698	-57	8	170	696	-51	8	161																
21	700	-65	5	180	697	-52	8	149	695	-49	8	149																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -55.1 STD DEV = 7.6 MAX = -28.2 AT 424 GMT ON DAY 13 MIN = -69.7 AT 1906 GMT ON DAY 19
* PRESSURE (MB) * MEAN = 699.0 STD DEV = 9.1 MAX = 714.2 AT 1008 GMT ON DAY 13 MIN = 678.8 AT 107 GMT ON DAY 27
* WINDS (M/S) * MEAN = 6.8 STD DEV = 2.3 RESULTANT = 5.7 FROM 168. CONSTANCY = .83 MAX = 15.0 FROM 145. AT 1553 GMT DAY 24
* 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:	2	10	22	37	24	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	4	1	0	1	1	2	13	9	66	2	0	0	0	0	0	0

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

AUG 83

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	693	-46	9	149	693	-45	8	149	694	-55	6	180	695	-56	6	180	707	-56	12	174	X	X	X	X	X	X	X	X
03	693	-45	10	141	X	X	X	X	694	-55	6	180	695	-56	6	180	707	-54	8	187	X	X	X	X	683	-59	9	180
06	692	-45	12	141	694	-46	6	141	693	-54	8	180	697	-58	11	180	X	X	X	X	X	X	X	X	682	-59	9	169
09	692	-45	11	141	696	-47	6	161	693	-55	9	165	698	-59	12	180	708	-51	9	180	X	X	X	X	682	-61	10	174
12	692	-45	13	148	696	-49	6	159	693	-54	9	180	701	-55	10	170	708	-52	8	180	X	X	X	X	682	-59	8	180
15	691	-45	10	161	697	-51	4	180	694	-55	8	166	703	-52	10	180	707	-52	9	170	X	X	X	X	683	-55	10	180
18	691	-45	12	148	696	-55	3	180	694	-56	8	180	705	-52	10	180	704	-53	8	176	X	X	X	X	683	-55	9	161
21	692	-45	11	141	695	-56	5	173	695	-56	6	180	706	-54	11	180	X	X	X	X	X	X	X	X	685	-54	10	153
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	686	-54	9	163	697	-60	6	169	X	X	X	X	X	X	X	X	706	-56	5	180	713	-54	3	181	706	-36	7	111
03	687	-55	10	180	697	-58	6	180	X	X	X	X	X	X	X	X	X	X	X	X	711	-51	7	170	705	-33	6	90
06	688	-55	8	172	698	-56	6	180	694	-44	5	161	696	-48	5	180	711	-54	4	225	710	-48	7	180	705	-33	5	90
09	689	-56	9	163	698	-56	6	174	694	-44	7	141	X	X	X	X	713	-55	3	225	709	-46	6	180	705	-33	3	90
12	691	-56	8	180	698	-55	6	162	X	X	X	X	699	-54	4	180	715	-56	2	225	709	-44	5	162	705	-35	5	135
15	692	-56	6	180	698	-51	6	180	X	X	X	X	700	-55	4	181	716	-53	1	217	708	-42	5	170	705	-39	4	117
18	694	-58	6	180	698	-50	5	155	X	X	X	X	702	-56	4	180	716	-54	2	189	707	-40	7	141	705	-42	3	195
21	695	-59	4	163	X	X	X	X	694	-46	7	180	703	-56	5	191	714	-54	4	180	707	-37	8	101	705	-49	5	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	705	-50	4	177	X	X	X	X	696	-56	12	180	704	-48	12	162	704	-51	11	180	705	-55	13	165	706	-54	7	180
03	X	X	X	X	696	-55	6	180	696	-56	15	180	X	X	X	X	704	-51	11	180	X	X	X	X	706	-53	7	187
06	X	X	X	X	696	-55	8	184	696	-54	13	169	704	-48	13	180	705	-51	13	180	707	-56	10	180	706	-53	5	180
09	X	X	X	X	696	-55	9	179	698	-49	12	158	704	-48	13	159	705	-52	10	180	707	-55	10	180	705	-56	5	180
12	X	X	X	X	695	-55	7	180	699	-50	17	166	704	-47	10	166	704	-51	13	174	708	-54	8	180	705	-57	5	180
15	X	X	X	X	695	-57	7	180	701	-50	14	149	704	-47	10	180	704	-52	12	169	709	-54	8	179	705	-59	4	180
18	X	X	X	X	695	-56	12	180	701	-48	14	180	704	-47	8	180	704	-54	12	165	708	-56	5	180	705	-60	4	194
21	X	X	X	X	696	-56	14	170	702	-47	15	158	703	-49	10	180	705	-54	13	180	707	-56	8	181	706	-60	5	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	-59	7	180	720	-49	3	174	722	-37	5	141	709	-38	12	141	715	-50	8	180	723	-51	5	167	715	-49	8	173
03	708	-57	8	179	721	-49	4	183	719	-35	9	141	709	-40	11	141	716	-48	7	180	723	-49	6	180	715	-47	7	180
06	710	-57	5	180	722	-47	4	174	717	-35	8	129	710	-42	10	155	718	-48	7	180	722	-47	5	180	716	-45	7	180
09	711	-58	7	180	723	-45	3	180	713	-34	12	141	711	-45	10	166	719	-50	7	166	721	-47	6	180	716	-47	7	180
12	713	-56	8	169	723	-43	2	180	711	-34	12	135	711	-47	12	180	720	-51	6	177	719	-45	7	177	716	-49	5	191
15	715	-55	7	180	723	-43	5	174	709	-34	12	141	711	-47	9	180	721	-49	6	180	717	-45	5	188	717	-48	8	198
18	716	-52	7	180	723	-42	4	180	708	-37	13	132	712	-48	9	180	722	-50	6	180	716	-48	7	180	717	-48	7	180
21	719	-50	5	180	723	-40	5	145	708	-37	12	141	713	-49	10	173	723	-52	5	179	715	-49	7	180	717	-47	6	180
		DAY	29			DAY	30			DAY	31																	
00	718	-46	5	180	717	-49	6	180	706	-50	8	180																
03	718	-45	7	195	715	-46	9	180	705	-49	8	158																
06	719	-44	6	180	714	-46	12	180	703	-50	7	155																
09	720	-47	6	180	713	-47	11	180	701	-53	8	180																
12	721	-49	8	180	713	-48	9	180	701	-54	8	180																
15	720	-50	9	179	712	-47	6	180	701	-55	6	170																
18	719	-50	8	174	710	-48	11	173	701	-56	6	161																
21	718	-49	7	184	708	-48	7	180	702	-57	5	160																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -50.0 STD DEV = 6.1 MAX = -32.1 AT 629 GMT ON DAY 14 MIN = -60.6 AT 1024 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 705.4 STD DEV = 10.1 MAX = 723.8 AT 136 GMT ON DAY 27 MIN = 681.3 AT 933 GMT ON DAY 7
* WINDS (M/S) * MEAN = 7.8 STD DEV = 3.0 RESULTANT = 7.4 FROM 170. CONSTANCY = .96 MAX = 18.9 FROM 158. AT 1354 GMT DAY 17
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 12.9 % PRESSURE: 13.3 % WINDS: 12.9 %

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:	1	8	22	27	17	13	9	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	2	1	9	16	69	2	2	0	0	0	0	0

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

SEP 83

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	704	-55	4	141	716	-46	4	134	713	-34	14	135	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	706	-53	3	149	716	-41	5	120	711	-33	13	111	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	707	-54	6	148	717	-40	6	110	711	-31	12	90	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	710	-57	4	180	718	-40	8	128	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	712	-57	6	180	717	-39	8	141	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	713	-54	6	180	717	-37	11	135	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	714	-50	6	141	715	-35	12	104	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	715	-48	4	149	715	-35	16	111	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	712	-44	17	174
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	713	-40	15	180
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	713	-39	16	159
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	21	135
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	716	-40	11	141
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	718	-41	8	141
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	714	-45	15	180	719	-43	8	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	720	-44	8	145	729	-32	6	115	720	-25	6	101	700	-33	11	141	703	-48	8	160	703	-46	8	170	695	-50	9	180
03	720	-41	8	152	730	-29	7	141	718	-24	6	90	698	-34	9	141	X	X	X	X	701	-44	7	180	694	-48	8	180
06	721	-40	7	141	729	-30	8	128	716	-26	7	110	698	-35	8	139	703	-44	8	180	701	-44	6	180	693	-48	9	180
09	721	-42	7	141	728	-33	7	141	713	-28	8	141	698	-40	4	159	703	-44	7	170	700	-46	8	174	693	-51	9	180
12	723	-42	7	149	727	-29	7	120	711	-30	8	141	700	-44	2	189	703	-45	8	169	700	-48	6	179	693	-53	10	180
15	724	-40	6	132	726	-27	7	125	707	-32	9	141	700	-46	6	180	703	-47	8	180	698	-49	6	188	693	-54	9	180
18	726	-40	7	124	724	-26	5	98	705	-31	10	128	701	-48	8	180	703	-47	7	180	697	-51	8	180	693	-55	9	180
21	728	-32	6	90	722	-26	5	120	702	-31	14	134	702	-49	8	180	702	-48	8	159	696	-52	6	180	693	-56	9	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	693	-54	8	180	694	-55	5	180	701	-54	7	176	702	-35	4	122	701	-42	2	189	700	-48	6	180	705	-36	4	97
03	694	-51	8	180	695	-52	5	173	701	-50	5	166	702	-33	4	122	700	-41	3	180	701	-44	3	180	705	-33	5	90
06	694	-50	7	180	695	-51	6	180	701	-48	7	156	702	-36	7	132	700	-41	3	186	702	-44	1	206	704	-33	5	141
09	694	-53	6	180	696	-53	5	174	702	-45	8	141	703	-38	3	149	700	-47	3	200	703	-49	3	183	704	-36	4	134
12	694	-56	4	180	697	-55	5	180	701	-44	10	124	703	-39	4	180	700	-50	4	180	703	-47	4	180	703	-38	4	156
15	694	-57	6	173	698	-56	6	180	701	-41	10	120	702	-39	3	162	700	-51	4	180	704	-45	4	180	702	-39	7	141
18	694	-59	6	180	698	-57	8	180	701	-39	7	141	701	-41	4	143	699	-52	4	191	704	-43	3	180	700	-38	9	141
21	694	-59	5	180	699	-58	6	180	701	-38	5	141	701	-42	5	158	700	-53	4	180	704	-41	4	134	699	-39	11	141
		DAY	29			DAY	30																					
00	698	-39	11	145	694	-48	11	167																				
03	698	-38	8	141	X	X	X	X																				
06	697	-39	8	149	692	-46	7	180																				
09	697	-42	6	180	691	-48	6	180																				
12	697	-45	9	163	690	-51	7	174																				
15	696	-46	9	180	689	-54	7	179																				
18	695	-48	8	180	687	-54	6	163																				
21	695	-50	8	180	686	-56	6	180																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -43.5 STD DEV = 8.4 MAX = -24.4 AT 0233 GMT ON DAY 17 MIN = -58.7 AT 1811 GMT ON DAY 22
* PRESSURE (MB) * MEAN = 704.6 STD DEV = 10.0 MAX = 729.8 AT 0350 GMT ON DAY 16 MIN = 684.3 AT 2303 GMT ON DAY 30
* WINDS (M/S) * MEAN = 7.1 STD DEV = 3.1 RESULTANT = 6.4 FROM 155. CONSTANCY = .90 MAX = 19.9 FROM 114. AT 2311 GMT DAY 2
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 36.7 % PRESSURE: 36.7 % WINDS: 36.3 %

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:	1	14	24	26	23	6	1	3	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	0	0	0	0	5	8	27	12	46	1	0	0	0	0	0	0

STATION : 8900 D-80 LAT : 70.0 S LONG : 134.7E ELEVATION : 2500 M

OCT 83

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	682	-49	7	180	673	-59	10	180	685	-58	7	156	692	-58	3	177	689	-48	4	180	690	-43	0	0	683	-54	9	180
03	681	-48	7	179	674	-55	11	180	685	-56	8	155	692	-52	3	161	690	-45	4	180	688	-42	0	0	683	-50	9	180
06	679	-46	6	180	674	-54	9	170	687	-54	6	156	690	-49	5	149	691	-44	4	160	687	-44	1	225	683	-48	7	180
09	676	-50	5	180	675	-55	9	156	688	-57	4	180	688	-45	5	141	692	-46	0	0	686	-48	2	225	684	-51	3	195
12	675	-55	6	180	677	-57	12	170	689	-61	2	203	687	-43	4	141	692	-49	0	0	685	-55	3	206	684	-55	4	191
15	673	-57	7	187	679	-59	9	180	690	-63	2	180	686	-45	3	167	692	-51	2	270	685	-58	5	180	684	-55	4	188
18	672	-59	8	170	681	-59	11	159	690	-64	1	189	686	-49	4	180	692	-52	1	208	684	-60	7	180	684	-57	6	180
21	672	-60	9	180	683	-60	9	161	691	-63	3	180	688	-51	3	180	691	-52	0	0	684	-59	6	174	684	-56	5	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	685	-53	7	181	688	-58	10	183	690	-50	9	180	693	-49	9	180	698	-50	8	170	703	-50	11	174	717	-46	7	172
03	685	-51	7	180	688	-53	9	184	690	-49	13	180	694	-44	8	180	698	-45	9	141	704	-46	9	180	716	-40	8	180
06	685	-51	7	180	688	-50	8	180	690	-48	11	180	694	-44	7	179	698	-44	8	145	706	-44	8	180	716	-38	8	180
09	686	-54	4	180	688	-50	4	180	691	-49	9	180	695	-47	5	180	698	-45	8	141	708	-45	8	172	716	-40	6	180
12	686	-59	4	183	689	-52	6	180	692	-52	8	180	696	-53	5	180	699	-48	8	150	711	-46	8	180	716	-43	7	180
15	686	-60	5	177	690	-54	7	180	693	-54	6	179	697	-54	4	180	699	-50	8	180	714	-45	8	169	715	-43	7	180
18	686	-60	6	180	690	-54	10	186	693	-55	7	183	698	-55	5	167	700	-51	8	180	716	-49	6	180	715	-44	8	166
21	687	-60	8	180	691	-53	7	180	693	-54	7	183	698	-54	6	167	702	-52	8	169	717	-49	7	180	715	-44	8	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	715	-38	9	180	713	-44	10	161	721	-46	9	160	723	-48	8	167	713	-46	8	180	X	X	X	X	X	X	X	X
03	714	-35	8	180	713	-42	13	160	721	-43	9	161	722	-43	8	160	711	-42	7	177	X	X	X	X	X	X	X	X
06	714	-35	8	180	714	-40	10	170	721	-42	8	170	721	-40	8	180	709	-39	6	181	693	-40	14	141	X	X	X	X
09	714	-38	8	180	715	-42	10	158	722	-43	7	180	720	-43	5	180	707	-40	5	180	696	-41	14	141	X	X	X	X
12	714	-43	6	180	716	-44	8	180	722	-47	7	176	720	-47	5	179	706	-45	11	180	695	-42	13	141	X	X	X	X
15	713	-44	8	161	717	-47	6	172	723	-49	8	180	718	-50	7	180	704	-48	9	179	695	-43	11	141	X	X	X	X
18	713	-45	9	149	719	-49	8	180	723	-51	8	180	716	-52	6	180	701	-46	7	173	693	-43	13	146	X	X	X	X
21	713	-46	9	155	720	-49	8	180	723	-52	8	180	715	-51	7	180	700	-43	13	141	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	20	180
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 = -49.3 STD DEV = 6.2 MAX = -34.2 AT 511 GMT ON DAY 15 MIN = -64.7 AT 1951 GMT ON DAY 3
* PRESSURE (MB) * MEAN = 697.5 STD DEV = 14.3 MAX = 722.9 AT 1655 GMT ON DAY 17 MIN = 671.2 AT 355 GMT ON DAY 2
* WINDS (M/S) * MEAN = 7.0 STD DEV = 3.0 RESULTANT = 6.8 FROM 172. CONSTANCY = .97 MAX = 16.5 FROM 156. AT 2118 GMT DAY 19
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 36.7 % PRESSURE: 36.7 % WINDS: 36.3 %

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:	7	10	16	27	28	6	4	0	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	0	0	0	0	0	0	7	16	73	3	1	0	1	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

JAN 83

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	-1	10	141	959	-3	5	108	962	-3	7	143	955	-3	8	141	962	-1	9	141	967	-1	7	141
03	959	1	14	125	955	-1	13	149	960	-3	5	114	960	-2	6	120	955	-2	8	141	962	-1	10	141	967	-1	3	101
06	959	1	12	141	954	1	9	138	961	-2	6	107	959	-2	6	90	955	-2	7	103	963	-1	11	141	967	0	7	135
09	958	1	12	141	955	0	0	0	961	-2	3	141	958	-3	6	111	956	-2	5	135	964	-2	11	146	967	-1	7	120
12	958	0	8	90	955	-3	2	309	962	-3	3	155	957	-5	6	141	957	-2	5	135	965	-4	9	162	967	-3	10	132
15	956	-1	10	139	955	-3	0	0	963	-4	4	170	956	-5	9	134	958	-3	5	135	965	-6	11	170	967	-4	10	141
18	956	-2	8	143	956	-2	0	0	962	-6	10	180	955	-5	10	141	959	-3	5	121	966	-6	10	170	967	-4	12	149
21	956	-1	12	152	958	-3	4	146	962	-6	8	141	955	-5	10	141	961	-2	8	131	967	-4	8	150	966	-2	9	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	966	-2	8	131	965	-2	10	141	963	-2	12	141	956	-1	11	145	963	-1	4	97	959	-2	7	141	961	-1	3	135
03	965	1	8	135	965	-1	12	127	961	-1	14	150	956	0	6	127	964	-1	5	90	958	-2	7	135	962	0	2	111
06	964	1	8	135	964	0	10	141	960	0	11	141	956	2	2	111	964	-1	5	89	958	-1	6	103	963	1	0	0
09	964	0	8	120	964	-1	11	135	959	-1	9	141	956	0	3	136	964	-1	4	101	958	-1	3	120	964	-1	0	0
12	965	-1	7	110	965	-2	11	149	959	-3	10	180	957	-2	3	141	964	-2	3	90	958	-2	4	141	964	-3	4	111
15	965	-4	7	143	965	-3	10	156	958	-4	7	180	958	-3	2	141	963	-2	3	135	959	-4	5	170	965	-4	5	141
18	965	-5	10	170	964	-5	12	163	957	-5	8	184	960	-3	3	141	961	-3	3	141	959	-6	6	167	965	-5	5	161
21	966	-4	11	141	964	-5	13	180	957	-3	8	159	962	-1	3	141	960	-3	5	111	960	-4	6	180	965	-5	7	146
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	964	-3	7	141	X	X	X	X	955	-2	11	141	962	-2	4	135	964	3	0	0	961	-1	6	117	966	-1	7	113
03	963	-1	4	120	955	-4	12	141	956	-2	10	120	963	-3	5	96	963	-1	3	357	960	0	4	97	966	1	2	111
06	962	-2	5	101	954	-3	11	141	957	-3	11	111	963	-2	2	141	963	1	2	297	960	1	3	122	967	6	0	0
09	X	X	X	X	954	-3	10	141	958	-3	9	90	963	-2	4	135	962	2	0	0	961	0	4	135	967	2	2	139
12	960	-4	7	90	954	-3	11	111	959	-3	7	115	964	-3	3	141	962	-3	3	189	961	-2	10	142	968	-1	4	141
15	959	-4	6	101	954	-3	11	125	959	-3	8	124	964	-3	4	120	961	-4	4	180	962	-4	10	161	968	-3	3	167
18	957	-4	9	141	954	-3	9	141	960	-3	9	113	964	-4	0	0	961	-4	4	139	963	-5	8	161	968	-4	5	170
21	956	-5	11	141	955	-3	11	141	961	-3	9	120	964	-3	3	173	961	-3	11	142	964	-4	10	155	969	-2	6	161
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	968	-1	5	141	965	-2	4	101	964	-3	2	129	959	-4	6	174	959	-4	3	141	944	-3	21	141	950	-1	17	145
03	967	0	2	90	965	-2	2	54	963	-1	2	135	959	0	2	180	958	-4	3	105	944	-4	18	152	951	0	16	146
06	966	1	2	145	965	-3	2	90	962	-2	4	141	959	-1	3	289	957	-3	3	141	942	-3	19	141	951	2	15	132
09	965	-1	0	0	965	-3	2	44	961	-2	4	121	959	-3	4	225	955	-5	8	141	942	-3	19	141	951	1	14	141
12	965	-2	5	145	965	-4	2	83	960	-3	4	131	959	-8	6	221	953	-7	11	141	943	-1	17	141	951	2	14	141
15	964	-3	7	141	964	-4	3	90	959	-3	6	134	959	-8	8	189	951	-7	15	146	945	-2	18	141	951	2	14	141
18	964	-3	4	131	964	-4	1	120	959	-5	5	180	959	-10	8	180	947	-7	15	136	947	-2	18	138	949	2	14	141
21	965	-3	6	141	964	-3	2	113	959	-5	7	180	960	-8	6	180	945	-4	16	138	949	-2	19	153	949	2	14	141
		DAY	29			DAY	30			DAY	31																	
00	951	1	16	124	956	-2	17	141	961	1	16	141																
03	953	1	16	135	956	-1	22	141	960	1	12	141																
06	955	0	11	141	958	0	19	138	959	1	14	141																
09	957	1	11	127	958	0	18	141	958	-1	15	170																
12	957	0	13	141	960	1	16	141	957	-3	15	172																
15	956	-1	13	153	959	0	15	141	956	-5	13	180																
18	956	-1	14	141	960	0	17	152	956	-6	12	180																
21	955	-2	20	141	960	-1	19	141	956	-5	13	160																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -2.2 STD DEV = 2.1 MAX = 6.1 AT 555 GMT ON DAY 21 MIN = -10.0 AT 1305 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 959.6 STD DEV = 5.3 MAX = 968.9 AT 2040 GMT ON DAY 21 MIN = 941.4 AT 928 GMT ON DAY 27
* WINDS (M/S) * MEAN = 7.9 STD DEV = 4.9 RESULTANT = 7.4 FROM 141. CONSTANCY = .93 MAX = 24.8 FROM 141. AT 1118 GMT DAY 27
* 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:	9	17	16	13	13	13	7	5	4	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	0	0	1	0	8	14	54	10	11	0	1	0	0	1	0	0

STATION : 8901 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

FEB 83

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	-1	17	143	958	-4	16	141	956	-5	11	161	964	-1	9	141	968	-1	3	155	968	-1	2	132
03	955	-1	9	141	955	0	14	141	958	-3	12	141	957	-3	9	172	965	1	3	97	966	1	3	101	967	2	1	260
06	954	-1	9	141	955	1	15	141	958	-3	11	141	958	-2	9	149	965	2	10	149	966	-1	3	104	967	6	0	0
09	954	0	7	138	957	-1	8	90	957	-3	12	149	959	-2	10	141	964	1	6	167	965	-2	4	90	967	1	3	190
12	954	0	3	120	958	0	12	136	957	-5	12	170	960	-4	9	170	965	-1	7	180	965	-2	5	113	967	-2	5	161
15	955	-1	4	93	958	-2	11	158	956	-6	13	160	961	-4	12	172	966	-1	4	180	965	-3	4	90	967	-1	4	161
18	953	-1	14	141	959	-3	12	141	956	-7	13	186	962	-3	6	160	967	-2	3	127	966	-3	1	141	967	-1	3	141
21	954	-1	16	138	959	-4	13	141	956	-5	11	180	964	-3	8	152	968	-2	3	111	967	-3	3	181	968	-2	3	135
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	967	-2	4	141	952	-3	16	141	959	-1	20	108	967	-1	15	136	958	-2	9	135	956	0	0	0	952	-3	9	90
03	965	-1	5	120	951	-3	18	141	960	-1	19	135	964	-1	16	131	957	-2	7	86	956	1	2	166	951	-2	6	93
06	963	-2	8	90	950	-2	20	141	963	-1	16	111	962	-1	17	141	957	-2	4	90	955	1	0	0	950	-1	10	93
09	961	-2	7	90	951	-2	18	135	966	-1	13	90	961	-1	16	141	957	-2	6	90	954	-1	1	152	950	-2	10	111
12	960	-3	14	108	953	-2	21	111	969	-1	9	120	960	-1	14	134	958	-2	4	120	954	-1	3	141	950	-2	13	117
15	958	-3	10	90	954	-1	20	111	970	-2	11	127	959	-2	12	115	957	-2	3	105	953	-3	2	120	951	-2	12	135
18	954	-3	18	141	956	-1	18	101	969	-1	11	141	958	-1	10	121	957	-2	3	113	952	-3	4	121	952	-3	10	141
21	953	-3	14	120	958	-1	18	113	968	-1	14	141	957	-2	12	141	957	-2	1	103	952	-3	8	98	953	-2	8	90
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	955	-2	10	103	945	-4	25	141	940	-2	11	141	948	-7	13	141	944	-6	16	158	947	-9	10	180	951	-12	9	180
03	956	-2	10	111	942	-5	28	141	940	-1	10	141	949	-6	11	141	944	-5	15	176	947	-7	9	180	952	-10	6	165
06	956	-2	9	135	941	-5	17	134	941	-1	10	141	949	-7	13	141	944	-5	17	180	947	-7	6	180	952	-8	4	174
09	956	-2	10	111	940	-4	24	134	942	-3	12	141	949	-8	14	162	945	-6	16	180	948	-10	8	180	953	-11	6	170
12	956	-3	11	141	939	-4	20	141	943	-5	12	143	949	-8	14	180	946	-9	17	179	949	-12	9	180	954	-14	8	180
15	953	-4	15	131	938	-3	16	141	944	-7	14	149	948	-7	17	169	947	-10	13	181	949	-13	10	170	954	-17	9	180
18	951	-4	18	141	938	-3	15	132	945	-7	14	161	947	-6	13	149	946	-11	13	180	950	-15	9	186	954	-16	13	159
21	947	-4	22	141	939	-2	15	141	947	-7	8	150	945	-6	17	180	947	-11	9	180	951	-14	7	180	954	-16	11	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	954	-13	6	180	956	-14	10	165	948	-13	10	156	963	-12	6	180	957	-9	16	149	955	-7	7	176	960	-11	8	128
03	954	-11	5	149	955	-12	8	180	948	-11	9	161	965	-9	3	161	953	-9	18	141	956	-7	10	180	959	-10	6	113
06	954	-10	3	122	954	-12	8	162	949	-10	8	161	966	-7	2	141	950	-10	22	141	957	-6	4	149	958	-9	7	120
09	954	-12	1	149	954	-13	8	167	951	-12	9	166	967	-9	3	141	948	-9	18	149	958	-7	4	170	958	-10	5	141
12	955	-15	8	180	953	-15	8	179	954	-15	9	180	967	-9	7	129	949	-9	22	150	959	-11	9	155	960	-13	5	180
15	955	-16	10	180	951	-16	11	180	956	-15	9	180	965	-8	8	141	949	-9	5	161	960	-12	4	162	961	-14	6	181
18	955	-16	9	180	949	-16	9	170	958	-16	7	183	963	-9	9	141	950	-9	19	180	960	-13	6	161	960	-14	12	169
21	956	-15	11	166	948	-15	10	146	961	-15	8	180	960	-9	10	139	953	-10	17	177	960	-12	8	141	960	-13	6	180

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -5.5 STD DEV = 4.9 MAX = 8.2 AT 212 GMT ON DAY 7 MIN = -16.7 AT 1924 GMT ON DAY 21
* PRESSURE (MB) * MEAN = 955.5 STD DEV = 7.2 MAX = 969.7 AT 1506 GMT ON DAY 10 MIN = 937.8 AT 1428 GMT ON DAY 16
* WINDS (M/S) * MEAN = 9.9 STD DEV = 5.4 RESULTANT = 9.0 FROM 146. CONSTANCY = .91 MAX = 31.0 FROM 127. AT 344 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:	4	11	9	9	22	13	10	5	9	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	0	0	0	0	9	13	34	19	25	0	0	0	0	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

MAR 83

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	958	-14	6	180	954	-12	11	176	958	-13	17	177	959	-8	9	180	967	-10	7	180	955	-15	7	183
03	958	-9	4	160	958	-13	9	172	955	-11	7	180	957	-9	12	180	959	-5	12	141	965	-8	7	141	954	-12	5	170
06	957	-9	7	149	958	-12	8	150	957	-10	8	184	956	-8	10	180	960	-6	11	149	964	-7	3	135	953	-12	6	180
09	956	-11	5	189	956	-13	9	166	958	-11	8	180	955	-9	12	179	963	-8	11	180	962	-11	4	180	953	-14	6	167
12	956	-14	7	189	954	-13	12	180	960	-13	13	176	958	-9	8	141	964	-11	15	170	962	-13	6	179	953	-18	10	180
15	956	-16	8	205	951	-14	16	180	960	-14	14	180	957	-11	16	174	964	-11	17	180	960	-16	6	198	953	-18	8	163
18	957	-17	7	207	950	-14	15	156	960	-14	15	180	959	-10	5	149	964	-13	13	181	958	-16	6	180	953	-19	8	180
21	958	-15	7	180	952	-15	16	174	960	-13	12	174	959	-12	10	180	966	-12	10	170	957	-17	8	190	953	-19	9	170
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	953	-17	7	156	945	-16	15	170	947	-11	13	180	957	-10	5	161	955	-13	10	167	949	-15	18	155	949	-16	8	149
03	952	-15	9	115	944	-13	15	152	947	-9	14	169	956	-8	2	120	954	-11	5	170	948	-15	15	180	948	-14	6	141
06	952	-15	7	141	941	-13	16	161	948	-9	14	165	955	-9	3	118	954	-10	5	149	947	-13	12	176	948	-14	6	141
09	952	-16	9	149	942	-13	18	180	950	-9	14	170	955	-12	3	174	953	-13	9	153	947	-14	11	179	948	-17	8	180
12	952	-19	9	160	943	-13	19	180	953	-10	11	180	955	-12	5	161	953	-14	9	161	948	-16	10	166	949	-19	9	183
15	950	-20	12	172	944	-13	14	180	955	-11	10	180	954	-13	5	180	952	-14	14	142	948	-17	9	180	948	-19	9	180
18	949	-19	12	170	945	-13	22	186	955	-12	12	177	954	-15	7	180	951	-16	14	180	948	-18	9	173	948	-20	9	180
21	948	-18	11	149	946	-12	16	180	957	-12	4	148	955	-14	6	177	950	-16	14	161	948	-17	9	170	948	-21	9	170
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	949	-19	10	180	934	-14	4	141	948	-20	11	177	942	-17	10	170	934	-14	16	141	953	-14	18	172	937	-16	10	160
03	949	-18	9	180	937	-12	18	149	947	-18	13	172	941	-16	8	183	935	-13	11	143	954	-12	12	180	936	-13	2	161
06	949	-18	9	170	940	-12	14	180	947	-17	11	180	939	-16	6	183	936	-14	20	167	952	-11	7	180	937	-13	3	180
09	947	-18	8	146	943	-14	13	180	946	-17	10	180	939	-16	7	180	938	-15	22	173	949	-12	4	174	938	-16	7	180
12	945	-19	12	149	945	-14	11	176	946	-17	9	161	938	-16	6	161	944	-16	17	180	945	-13	6	134	939	-17	5	180
15	940	-18	13	141	947	-15	9	169	945	-17	12	172	937	-15	5	148	945	-16	23	180	941	-14	10	141	939	-18	9	149
18	937	-17	17	141	947	-17	9	180	943	-17	9	177	935	-15	11	152	949	-17	21	180	938	-15	10	161	940	-19	5	180
21	933	-15	25	149	948	-20	7	180	943	-17	11	180	935	-14	6	138	951	-16	20	177	938	-15	8	145	941	-19	6	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	942	-18	5	149	X	X	X	X	936	-11	8	167	929	-5	9	138	946	-13	21	180	961	-14	21	180	966	-10	10	168
03	942	-16	4	161	946	-14	9	180	933	-10	6	141	931	-5	12	122	949	-12	13	165	961	-12	16	180	966	-10	3	167
06	942	-16	4	141	945	-15	12	180	930	-9	6	161	935	-6	9	111	950	-12	21	180	962	-12	16	181	964	-8	4	206
09	943	-19	6	180	946	-16	13	180	929	-9	5	132	938	-7	15	141	953	-13	20	180	964	-13	10	158	963	-9	4	205
12	944	-19	6	179	945	-14	10	180	927	-8	5	141	940	-9	17	150	955	-13	18	180	963	-13	20	180	961	-11	3	198
15	944	-20	9	180	944	-15	7	183	926	-7	4	143	941	-14	16	163	955	-14	26	173	963	-12	21	180	958	-9	2	180
18	945	-18	9	180	942	-13	5	180	927	-6	4	141	942	-13	19	162	956	-14	27	169	962	-12	27	177	955	-9	2	135
21	945	-18	9	166	939	-13	8	174	928	-6	6	141	944	-14	20	180	959	-15	5	160	964	-12	19	179	953	-11	7	135
		DAY	29			DAY	30			DAY	31																	
00	950	-11	10	141	955	-13	8	120	956	-9	14	141																
03	949	-11	12	141	956	-13	8	135	956	-8	14	141																
06	949	-11	9	150	954	-11	11	141	958	-7	14	141																
09	951	-12	10	174	954	-11	14	141	959	-7	14	141																
12	953	-13	8	180	953	-10	16	121	962	-7	10	149																
15	954	-14	9	180	952	-10	16	141	964	-7	10	149																
18	955	-14	7	141	953	-9	19	142	965	-7	8	141																
21	955	-13	7	135	954	-9	15	141	966	-7	5	139																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -13.2 STD DEV = 3.5 MAX = -4.4 AT 130 GMT ON DAY 25 MIN = -21.1 AT 2200 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 950.0 STD DEV = 8.9 MAX = 967.8 AT 1017 GMT ON DAY 27 MIN = 926.2 AT 1658 GMT ON DAY 24
* WINDS (M/S) * MEAN = 10.4 STD DEV = 5.1 RESULTANT = 10.0 FROM 167. CONSTANCY = .96 MAX = 27.8 FROM 165. AT 2107 GMT DAY 18
* 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	6	13	15	20	13	9	9	5	4	4	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	18	22	54	2	0	0	0	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

APR 83

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	957	-8	6	131	953	-16	12	174	948	-13	15	161	966	-14	12	180	951	-14	4	187	950	-15	2	145
03	966	-6	5	141	957	-7	3	138	950	-14	9	143	949	-12	9	167	966	-13	9	180	949	-13	7	170	950	-14	1	170
06	965	-6	3	141	957	-8	4	180	948	-13	10	149	951	-13	11	167	965	-14	9	176	947	-14	9	174	949	-15	4	170
09	964	-7	3	127	957	-12	5	180	946	-13	13	161	953	-14	12	180	965	-14	3	172	947	-16	11	169	949	-17	6	156
12	962	-7	5	135	956	-13	8	195	945	-14	15	180	957	-13	11	180	964	-15	7	170	949	-17	12	195	949	-18	7	145
15	960	-7	6	118	955	-12	6	180	946	-14	14	177	959	-13	12	161	961	-15	4	161	949	-17	11	180	949	-18	7	170
18	958	-9	7	141	954	-13	8	172	946	-13	11	184	962	-14	12	172	957	-14	6	180	949	-16	11	180	949	-18	5	145
21	957	-8	6	135	953	-15	10	180	946	-13	14	149	965	-15	8	177	955	-15	5	186	950	-15	7	170	950	-19	7	161
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	952	-20	7	189	962	-21	13	170	946	-17	24	143	956	-17	9	145	954	-14	16	141	947	-15	14	180	953	-18	16	180
03	954	-19	8	180	960	-20	16	180	943	-17	19	155	958	-16	7	166	952	-13	17	136	946	-12	15	167	959	-17	17	180
06	956	-20	5	189	960	-18	11	149	943	-16	17	149	960	-16	8	180	949	-12	13	139	946	-13	13	166	960	-16	19	191
09	957	-22	15	180	959	-18	13	141	944	-16	15	141	961	-16	11	149	948	-12	21	141	947	-15	11	203	961	-16	24	169
12	958	-22	11	128	957	-18	16	149	945	-16	6	148	961	-17	10	145	947	-13	17	141	947	-16	13	161	963	-16	23	174
15	957	-22	18	180	954	-18	17	141	948	-16	11	170	960	-18	14	148	946	-14	20	161	946	-18	15	180	966	-16	15	173
18	960	-22	14	180	951	-18	20	141	950	-18	11	180	958	-17	15	149	946	-16	19	167	947	-19	12	180	963	-15	12	149
21	961	-21	15	163	949	-18	18	148	954	-18	10	170	955	-16	17	141	946	-16	22	172	950	-20	15	166	961	-14	15	136
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	959	-13	17	146	952	-17	4	180	948	-16	11	180	954	-17	3	198	957	-15	3	186	X	X	X	X	952	-17	0	0
03	956	-12	11	149	953	-17	4	198	944	-15	15	180	955	-16	6	180	957	-14	1	167	951	-15	5	186	950	-15	1	218
06	955	-13	13	145	954	-19	5	206	943	-15	12	180	956	-17	6	206	954	-13	2	141	951	-17	4	215	948	-15	3	127
09	955	-14	7	141	955	-18	5	189	945	-15	10	170	958	-18	7	179	952	-12	2	180	952	-17	5	180	946	-16	3	170
12	X	X	X	X	955	-20	9	186	947	-16	8	160	958	-18	5	204	950	-13	9	170	952	-18	6	180	944	-14	8	170
15	X	X	X	X	956	-22	8	180	949	-16	6	159	958	-17	4	170	948	-12	12	180	952	-19	6	179	942	-13	6	180
18	952	-17	7	180	954	-20	9	197	951	-15	3	180	958	-16	5	206	949	-12	9	167	951	-19	5	204	942	-17	6	198
21	952	-18	7	174	953	-17	5	146	952	-17	5	200	958	-14	0	0	X	X	X	X	951	-18	3	180	942	-19	8	190
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	941	-19	7	198	948	-19	11	143	939	-18	12	148	X	X	X	X	X	X	X	X	953	-16	4	131	942	-14	22	146
03	941	-19	6	180	948	-19	18	180	938	-19	14	180	949	-17	19	180	955	-19	7	180	953	-17	5	136	945	-13	22	145
06	941	-20	6	172	948	-19	18	166	937	-18	18	180	954	-17	13	180	954	-19	7	180	950	-17	6	90	947	-13	18	161
09	943	-23	8	170	949	-20	15	159	937	-17	22	165	957	-18	12	179	953	-21	6	200	947	-14	8	90	949	-14	20	161
12	944	-23	17	180	947	-20	14	162	938	-16	19	158	959	-17	10	177	954	-21	6	189	943	-13	18	141	953	-14	12	170
15	945	-22	14	180	945	-20	16	180	938	-14	19	141	959	-19	7	189	953	-21	6	193	942	-12	19	136	954	-13	11	173
18	945	-21	14	149	942	-20	16	180	941	-15	18	142	959	-20	7	180	953	-20	5	180	940	-14	22	143	955	-14	6	155
21	946	-20	15	156	940	-19	13	159	943	-15	24	166	958	-20	6	172	954	-17	3	149	941	-15	24	141	956	-15	7	170
		DAY	29			DAY	30																					
00	956	-15	4	180	949	-15	7	149																				
03	956	-15	5	188	946	-16	10	141																				
06	956	-15	3	148	946	-18	11	159																				
09	955	-18	5	180	948	-18	14	160																				
12	955	-17	10	180	950	-18	9	149																				
15	955	-16	8	180	952	-20	7	161																				
18	954	-16	8	172	954	-21	11	180																				
21	952	-15	0	0	956	-21	5	113																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -15.9 STD DEV = 3.2 MAX = -5.9 AT 319 GMT ON DAY 1 MIN = -23.5 AT 1306 GMT ON DAY 16
* PRESSURE (MB) * MEAN = 951.8 STD DEV = 6.5 MAX = 966.5 AT 157 GMT ON DAY 5 MIN = 936.3 AT 811 GMT ON DAY 24
* WINDS (M/S) * MEAN = 10.2 STD DEV = 5.5 RESULTANT = 9.6 FROM 165. CONSTANCY = .95 MAX = 27.0 FROM 146. AT 116 GMT DAY 28
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.9 % PRESSURE: 2.9 % WINDS: 2.9 %

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:	3	8	15	16	10	12	8	11	6	5	5	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	1	20	23	48	7	1	0	0	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

MAY 83

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	959	-17	6	131	961	-12	8	180	X	X	X	X	X	X	X	X	959	-17	13	180	958	-18	4	158	969	-20	16	170
03	960	-16	4	158	961	-11	7	180	944	-15	9	170	960	-14	16	161	956	-17	14	193	958	-19	12	174	971	-18	6	161
06	961	-17	11	170	960	-11	5	180	942	-15	5	180	965	-15	14	180	956	-16	8	161	960	-19	12	180	970	-18	5	165
09	963	-13	3	132	957	-11	6	191	942	-19	9	155	966	-17	18	180	955	-17	8	170	963	-20	6	165	970	-16	12	153
12	963	-12	7	159	955	-12	3	208	940	-20	10	183	967	-17	20	170	956	-17	9	141	965	-19	11	180	967	-15	19	179
15	963	-12	7	150	951	-14	5	214	943	-24	18	159	967	-18	17	173	955	-17	9	162	965	-20	10	126	966	-14	17	180
18	962	-13	8	180	949	-16	6	180	945	-22	18	149	965	-17	15	166	955	-18	14	173	968	-20	8	142	965	-13	18	180
21	962	-12	8	170	947	-15	6	181	949	-19	22	153	962	-17	14	180	956	-17	6	128	968	-21	15	180	964	-12	18	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	965	-10	11	155	960	-13	3	180	948	-17	12	141	951	-18	8	141	946	-17	7	122	945	-12	15	145	944	-19	14	180
03	966	-10	13	149	958	-12	4	180	947	-17	10	135	952	-18	8	135	944	-16	14	141	945	-12	13	141	944	-19	10	176
06	965	-10	12	170	957	-13	4	165	946	-17	11	141	953	-18	8	120	943	-18	13	170	945	-12	11	141	945	-19	13	180
09	965	-12	8	180	955	-13	2	163	946	-18	12	141	953	-19	11	134	942	-17	21	149	944	-14	11	180	946	-16	8	180
12	965	-12	13	180	954	-13	3	161	947	-18	7	107	954	-18	5	122	941	-16	18	160	942	-12	12	342	946	-16	10	149
15	963	-12	12	170	953	-15	7	135	948	-18	9	161	953	-19	4	135	940	-14	16	180	942	-17	11	150	946	-16	11	142
18	963	-13	11	180	951	-15	5	103	949	-18	8	135	951	-18	6	111	941	-13	17	141	942	-17	15	162	945	-16	13	141
21	962	-13	11	176	950	-16	8	107	950	-19	9	118	949	-18	7	114	944	-13	17	149	942	-18	14	180	944	-16	12	155
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	943	-15	10	149	944	-18	-4	0	955	-20	9	152	954	-18	19	160	948	-18	20	149	941	-18	5	180	933	-17	22	141
03	942	-16	12	156	945	-18	12	186	956	-19	16	141	957	-17	16	170	940	-17	26	141	942	-19	7	180	935	-16	20	149
06	941	-15	16	149	945	-20	12	170	954	-19	20	152	958	-18	15	180	935	-17	21	161	941	-20	11	180	940	-16	15	170
09	940	-15	14	180	945	-22	12	180	951	-17	23	143	960	-19	13	160	931	-16	17	149	939	-20	13	170	946	-16	9	162
12	941	-15	16	180	947	-21	14	172	950	-17	15	134	961	-20	14	170	932	-16	12	176	938	-18	13	136	951	-17	10	173
15	941	-15	16	180	949	-22	12	180	947	-18	25	141	961	-19	17	158	935	-15	13	180	935	-17	16	159	X	X	X	X
18	943	-16	13	179	951	-20	11	180	949	-18	18	149	960	-19	13	149	937	-17	11	180	934	-17	15	141	955	-20	11	180
21	944	-17	13	186	953	-21	12	167	952	-18	19	170	956	-19	18	141	939	-18	13	173	932	-16	24	148	956	-19	7	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	954	-22	6	180	958	-23	9	170	957	-22	7	180	972	-14	12	153	983	-11	13	155	979	-8	-3	0
03	954	-19	12	139	954	-22	6	152	956	-21	11	132	959	-23	8	180	973	-13	15	180	984	-11	16	180	978	-8	10	135
06	952	-18	12	149	955	-26	5	180	953	-21	18	170	960	-23	6	180	973	-14	20	180	984	-11	14	180	976	-10	10	76
09	952	-19	8	141	956	-26	6	180	951	-21	17	180	962	-23	6	194	975	-13	16	179	985	-9	10	161	973	-10	19	180
12	952	-20	8	139	958	-26	8	180	950	-20	15	180	964	-19	4	161	976	-13	15	170	985	-7	8	145	971	-10	24	177
15	952	-20	11	153	959	-26	9	180	950	-20	16	180	966	-17	5	161	978	-13	16	180	982	-11	16	91	969	-10	22	179
18	953	-20	12	150	960	-25	11	163	951	-19	15	167	968	-16	10	180	979	-13	19	180	979	-11	22	177	970	-7	14	214
21	954	-23	9	180	959	-24	10	149	954	-20	10	187	970	-15	11	173	981	-12	18	180	977	-11	19	180	972	-4	16	162
		DAY	29			DAY	30			DAY	31																	
00	970	-8	17	180	973	-3	5	360	966	-9	9	207																
03	968	-7	21	180	972	-4	14	184	964	-10	8	203																
06	970	-6	18	180	973	-4	15	180	962	-11	7	225																
09	969	-6	22	181	973	-5	5	18	959	-13	9	218																
12	970	-5	14	158	974	-5	4	149	957	-13	8	217																
15	971	-4	19	160	973	-7	7	180	955	-12	5	225																
18	974	-4	2	64	971	-6	6	177	953	-13	5	201																
21	973	-4	16	150	968	-8	8	189	951	-13	5	206																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -15.6 STD DEV = 4.6 MAX = -1.4 AT 1900 GMT ON DAY 28 MIN = -26.7 AT 1424 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 956.2 STD DEV = 12.0 MAX = 985.2 AT 1131 GMT ON DAY 27 MIN = 930.5 AT 1015 GMT ON DAY 19
* WINDS (M/S) * MEAN = 11.7 STD DEV = 5.2 RESULTANT = 10.8 FROM 164. CONSTANCY = .93 MAX = 30.3 FROM 149. AT 333 GMT DAY 19
* 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:	0	4	9	14	11	14	14	13	8	5	6	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	1	0	4	16	26	46	3	2	0	0	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

JUN 83

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	3	225	935	-17	12	170	960	-19	6	180	960	-14	3	111	959	-17	2	116	949	-21	10	150	955	-28	6	180
03	946	-12	3	222	937	-18	10	170	963	-17	4	201	960	-15	1	135	958	-16	3	153	948	-22	8	180	955	-27	6	179
06	942	-12	6	160	940	-16	7	184	965	-17	3	180	959	-15	2	141	956	-16	3	120	948	-24	12	180	956	-28	7	198
09	939	-11	9	141	945	-16	4	205	965	-16	2	159	958	-15	3	141	954	-17	5	84	948	-24	9	180	957	-26	6	180
12	936	-11	9	141	949	-16	3	198	966	-15	2	149	958	-15	2	132	953	-17	6	90	950	-25	6	170	959	-24	1	143
15	935	-13	10	141	951	-18	7	225	964	-14	2	141	958	-17	2	251	951	-17	4	143	951	-25	7	143	958	-23	2	158
18	934	-14	15	138	955	-22	8	207	962	-13	3	141	959	-18	2	233	949	-19	10	180	952	-26	3	174	958	-22	4	141
21	934	-16	13	141	957	-21	8	176	961	-14	3	120	960	-18	6	225	949	-20	9	180	953	-27	5	180	956	-21	6	124
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	954	-19	7	120	967	-18	5	135	959	-11	14	149	946	-13	12	180	X	X	X	X	929	-12	13	180	933	-12	3	136
03	953	-16	9	142	965	-13	10	131	957	-11	13	153	945	-13	13	180	936	-10	10	141	928	-13	10	180	934	-10	4	141
06	955	-14	9	141	963	-11	14	136	955	-11	10	158	944	-12	13	167	934	-9	8	141	928	-13	11	180	935	-10	3	141
09	958	-15	5	111	963	-11	13	141	953	-11	10	170	943	-14	15	166	934	-8	7	136	928	-14	14	174	939	-11	6	90
12	961	-18	3	141	963	-11	14	117	953	-12	9	180	943	-12	10	180	933	-9	10	162	929	-15	9	188	942	-12	4	77
15	963	-18	3	141	961	-12	15	141	951	-13	9	181	941	-13	10	180	932	-11	12	180	930	-16	12	180	944	-14	3	141
18	965	-18	4	121	960	-12	15	139	949	-13	10	180	940	-13	14	162	930	-11	10	180	930	-14	9	180	946	-15	5	141
21	966	-18	6	141	960	-11	10	141	948	-14	10	180	939	-11	10	141	929	-11	11	160	932	-14	7	180	946	-15	5	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	X	X	951	-25	12	180	967	-16	7	170	X	X	X	X	977	-8	6	101	978	-8	12	141	964	-13	0	0
03	944	-15	3	90	954	-24	16	180	966	-14	3	155	969	-12	3	135	977	-8	3	120	976	-6	11	141	963	-12	3	309
06	943	-16	3	141	956	-20	15	180	966	-14	5	167	969	-12	3	200	977	-8	4	141	976	-10	5	115	963	-12	4	180
09	942	-19	6	180	957	-20	27	180	967	-14	4	172	969	-11	5	189	977	-8	3	136	973	-13	6	114	964	-14	2	111
12	942	-21	7	184	964	-18	6	108	968	-15	7	180	970	-13	10	173	977	-8	2	127	972	-12	7	111	964	-16	6	152
15	941	-22	8	179	966	-13	7	245	969	-12	6	180	971	-11	15	170	977	-10	3	115	969	-12	6	149	964	-16	4	141
18	943	-21	10	166	965	-14	2	179	969	-10	10	134	975	-13	6	161	977	-9	4	141	965	-12	4	132	964	-15	4	149
21	948	-22	12	180	966	-14	3	201	970	-11	4	141	976	-10	4	135	977	-8	4	141	965	-12	5	101	964	-16	5	142
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	966	-16	5	101	968	-17	15	139	966	-19	14	161	982	-17	6	180	991	-9	11	180	977	-2	13	160	957	-12	4	239
03	966	-17	18	141	X	X	X	X	968	-19	10	138	981	-17	7	180	990	-9	11	166	974	-2	11	161	951	-13	4	226
06	968	-18	16	141	X	X	X	X	969	-19	10	149	981	-17	8	180	988	-9	16	173	973	-3	11	162	945	-14	2	301
09	971	-20	17	141	X	X	X	X	972	-19	7	161	982	-16	10	170	988	-10	13	170	972	-6	17	172	940	-15	8	218
12	971	-21	16	136	X	X	X	X	974	-18	8	169	985	-15	9	141	987	-10	18	180	971	-4	11	180	935	-21	14	180
15	971	-20	19	139	X	X	X	X	977	-18	4	134	987	-14	9	142	985	-9	17	180	969	-8	6	206	938	-21	18	158
18	970	-19	17	141	X	X	X	X	979	-18	7	160	989	-12	7	166	983	-7	19	186	966	-10	7	225	943	-22	14	180
21	970	-18	16	136	X	X	X	X	981	-17	5	180	991	-11	8	160	980	-6	12	198	961	-12	6	218	945	-24	15	180
		DAY	29			DAY	30																					
00	949	-24	12	180	956	-22	14	141																				
03	951	-25	13	180	953	-23	17	141																				
06	954	-25	8	180	952	-23	15	141																				
09	956	-26	8	180	952	-23	15	141																				
12	957	-26	9	183	952	-23	19	142																				
15	959	-26	9	170	954	-23	18	149																				
18	959	-25	12	155	957	-24	16	180																				
21	958	-24	13	141	961	-26	15	180																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -15.4 STD DEV = 5.3 MAX = -.1 AT 504 GMT ON DAY 27 MIN = -29.0 AT 746 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 958.1 STD DEV = 14.8 MAX = 991.8 AT 2255 GMT ON DAY 25 MIN = 927.6 AT 838 GMT ON DAY 13
* WINDS (M/S) * MEAN = 8.3 STD DEV = 4.7 RESULTANT = 7.5 FROM 161. CONSTANCY = .90 MAX = 27.8 FROM 184. AT 919 GMT DAY 16
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 4.2 % PRESSURE: 4.2 % WINDS: 4.2 %

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:	3	19	14	16	14	10	10	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	3	7	31	15	34	4	4	1	0	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

JUL 83

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	958	-21	14	122	951	-23	12	167	955	-27	3	170	960	-26	8	158	966	-26	4	180	963	-19	5	153
03	966	-25	10	180	954	-21	16	134	950	-21	9	163	955	-27	3	155	961	-25	5	161	967	-24	5	180	962	-19	6	189
06	967	-24	7	161	949	-22	17	141	950	-22	5	180	956	-28	11	177	961	-25	7	165	967	-25	8	156	960	-20	9	180
09	968	-24	6	121	947	-22	19	141	950	-22	4	170	957	-28	9	180	962	-25	4	161	968	-24	3	158	956	-19	7	210
12	968	-22	7	101	947	-21	17	149	951	-23	4	180	958	-28	5	149	963	-25	1	258	968	-25	0	0	953	-22	11	179
15	968	-23	7	115	947	-21	17	149	952	-25	4	162	958	-28	4	152	963	-25	1	90	968	-26	8	189	949	-22	21	180
18	966	-23	10	135	948	-23	16	160	953	-26	8	180	959	-26	2	135	963	-25	0	0	966	-22	3	198	945	-22	15	180
21	962	-23	17	115	950	-22	9	170	954	-26	5	180	959	-26	3	149	964	-26	0	0	965	-23	2	14	945	-21	7	170
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	945	-26	9	177	945	-26	6	90	946	-28	6	101	940	-18	14	138	947	-11	20	134	956	-5	6	90	955	-14	14	180
03	944	-26	9	170	946	-26	3	90	945	-27	6	132	942	-19	15	153	947	-11	19	141	957	-6	6	90	954	-15	10	180
06	945	-26	11	180	946	-27	5	161	943	-26	6	135	945	-19	14	149	945	-10	20	122	958	-7	8	86	952	-15	9	180
09	946	-25	7	170	947	-28	6	170	943	-26	5	90	948	-19	11	161	947	-7	12	101	959	-8	4	90	951	-16	11	166
12	948	-26	1	155	948	-26	7	141	943	-25	6	120	951	-17	10	134	948	-6	10	90	959	-9	4	141	949	-16	11	180
15	949	-25	1	323	948	-27	5	70	941	-21	13	135	952	-17	12	141	950	-5	11	80	958	-10	7	180	948	-15	10	180
18	948	-26	2	82	947	-28	6	90	939	-19	13	141	952	-15	17	141	951	-4	10	90	957	-11	9	169	947	-16	9	165
21	947	-26	3	141	946	-28	8	127	939	-19	15	163	949	-14	20	141	954	-5	10	90	956	-13	15	167	947	-15	10	159
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	947	-15	9	180	947	-18	7	149	950	-20	11	162	944	-22	6	180	946	-25	8	180	960	-24	4	141	935	-13	8	135
03	947	-17	9	180	946	-18	7	141	948	-18	8	161	944	-22	5	180	948	-28	11	195	957	-20	10	105	935	-13	3	136
06	948	-17	8	170	946	-18	10	170	947	-18	6	143	945	-23	5	180	950	-28	8	180	950	-19	9	104	938	-17	9	217
09	949	-18	8	153	947	-18	6	172	946	-18	8	170	945	-24	7	180	952	-29	9	180	946	-16	12	128	941	-23	17	225
12	950	-18	6	200	949	-20	8	186	945	-19	8	169	946	-25	8	180	955	-31	9	206	943	-18	17	141	945	-23	10	128
15	949	-19	6	180	950	-20	7	170	944	-19	7	160	946	-26	8	167	958	-31	10	180	940	-17	15	141	947	-24	14	207
18	948	-19	8	180	951	-19	9	180	944	-20	7	180	946	-26	10	177	959	-29	9	195	937	-16	17	149	949	-25	17	189
21	948	-18	8	163	950	-20	9	180	944	-21	5	180	945	-26	11	169	961	-26	5	177	935	-14	11	141	949	-23	16	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	947	-22	26	172	952	-20	6	180	942	-29	6	206	943	-32	10	149	935	-24	4	180	932	-30	6	180	935	-32	8	180
03	946	-21	19	180	951	-20	5	158	941	-29	6	189	941	-30	12	141	936	-26	5	190	932	-32	3	191	934	-32	9	183
06	949	-24	21	180	947	-20	7	161	940	-29	7	180	938	-28	11	141	936	-28	5	180	931	-33	5	180	933	-31	11	180
09	952	-24	18	181	946	-21	7	152	939	-31	11	176	937	-26	11	121	934	-29	6	180	933	-31	11	180	934	-31	11	180
12	955	-24	9	161	945	-23	7	170	937	-31	11	162	935	-25	13	131	932	-29	8	150	936	-30	9	180	935	-31	8	180
15	956	-24	12	184	945	-23	5	180	938	-32	10	180	934	-24	11	132	931	-28	8	146	937	-31	8	191	937	-33	7	189
18	955	-22	7	173	944	-25	6	189	941	-33	13	180	934	-24	10	141	932	-28	8	180	937	-31	4	169	938	-35	6	200
21	953	-21	7	180	942	-27	8	212	942	-33	9	174	934	-24	7	153	932	-28	7	180	935	-29	8	180	939	-35	8	188
		DAY	29			DAY	30			DAY	31																	
00	940	-35	8	180	954	-28	6	173	944	-20	14	141																
03	941	-34	4	156	954	-25	8	180	943	-21	15	141																
06	942	-34	8	170	954	-23	4	135	943	-21	11	141																
09	945	-32	7	188	952	-21	8	128	941	-20	16	145																
12	948	-32	6	189	949	-20	11	128	936	-19	17	141																
15	949	-31	6	180	946	-20	13	141	931	-18	26	149																
18	951	-31	7	186	943	-19	13	141	927	-19	20	141																
21	953	-30	6	173	944	-19	14	148	925	-18	23	141																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -22.6 STD DEV = 6.2 MAX = -4.0 AT 1742 GMT ON DAY 12 MIN = -35.0 AT 1934 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 947.9 STD DEV = 9.0 MAX = 968.8 AT 1023 GMT ON DAY 1 MIN = 924.2 AT 2306 GMT ON DAY 31
* WINDS (M/S) * MEAN = 9.0 STD DEV = 4.7 RESULTANT = 8.0 FROM 159. CONSTANCY = .89 MAX = 27.0 FROM 146. AT 1824 GMT DAY 31
* 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	6	15	23	21	13	4	5	5	2	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	0	0	0	0	7	4	20	19	44	4	1	0	0	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

AUG 83

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	938	-21	8	149	946	-25	8	189	942	-24	12	142	956	-26	12	187	X	X	X	X	X	X	X	X
03	922	-17	20	141	940	-19	8	170	944	-23	7	180	944	-23	2	122	956	-24	0	0	X	X	X	X	X	X	X	X
06	924	-18	17	149	942	-20	10	180	943	-23	3	180	946	-26	3	149	X	X	X	X	X	X	X	X	X	X	X	X
09	926	-18	15	149	944	-22	8	161	942	-24	7	174	948	-29	6	198	953	-25	8	180	X	X	X	X	X	X	X	X
12	929	-17	10	146	946	-22	6	161	941	-27	9	180	951	-30	6	194	952	-20	13	149	X	X	X	X	X	X	X	X
15	931	-18	9	180	948	-21	7	180	940	-27	8	173	953	-29	1	173	950	-18	10	125	X	X	X	X	X	X	X	X
18	933	-18	8	167	949	-21	5	180	940	-25	5	149	955	-28	6	145	949	-18	18	158	X	X	X	X	X	X	X	X
21	936	-20	9	169	948	-22	5	177	941	-25	2	135	957	-27	6	135	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	933	-28	17	169	943	-22	18	152	932	-16	14	141	X	X	X	X	955	-21	11	180	959	-12	11	122	955	-13	5	83
03	935	-27	10	141	943	-20	15	141	932	-15	11	141	X	X	X	X	958	-19	8	224	955	-13	15	142	954	-14	8	105
06	937	-26	8	135	942	-20	16	149	932	-15	11	141	936	-13	3	180	961	-17	2	213	952	-12	15	141	954	-15	9	108
09	939	-26	9	136	940	-19	13	163	934	-15	10	141	X	X	X	X	963	-18	4	125	952	-12	13	141	955	-15	10	135
12	941	-25	8	150	938	-17	15	146	X	X	X	X	942	-13	7	180	965	-17	15	180	953	-10	9	138	955	-15	9	141
15	942	-24	9	135	935	-15	13	149	X	X	X	X	946	-13	7	186	966	-15	9	198	954	-11	8	141	954	-15	9	134
18	943	-23	13	141	933	-16	16	145	X	X	X	X	949	-18	9	180	965	-16	7	180	954	-13	3	124	956	-16	5	141
21	943	-23	15	160	X	X	X	X	936	-14	7	150	952	-20	9	195	963	-14	7	153	955	-13	6	101	957	-17	3	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	957	-18	4	180	X	X	X	X	945	-29	6	120	954	-29	13	160	955	-28	8	111	959	-30	6	141	959	-23	1	198
03	X	X	X	X	943	-21	4	149	946	-29	11	141	953	-27	10	141	955	-26	7	101	959	-29	5	141	959	-25	3	203
06	X	X	X	X	942	-22	7	170	947	-31	15	149	953	-26	8	141	956	-27	3	161	959	-30	4	180	958	-29	7	225
09	X	X	X	X	942	-24	11	166	948	-33	17	136	954	-27	4	139	957	-28	6	135	958	-30	4	170	957	-28	6	197
12	X	X	X	X	942	-24	6	161	949	-32	17	142	954	-28	3	160	957	-29	6	120	958	-30	3	141	957	-26	3	180
15	X	X	X	X	942	-24	3	180	950	-31	17	141	954	-29	5	141	957	-29	9	141	959	-26	3	138	957	-27	7	189
18	X	X	X	X	943	-26	3	135	952	-31	18	161	954	-28	8	141	957	-30	8	141	959	-26	2	104	957	-27	8	207
21	X	X	X	X	944	-27	7	113	953	-30	16	161	954	-28	3	141	958	-30	8	141	959	-26	0	0	957	-27	7	190
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	958	-25	6	170	973	-23	2	273	968	-13	15	135	952	-15	11	149	960	-20	10	180	978	-16	9	165	957	-16	13	184
03	960	-25	6	177	976	-19	7	129	964	-12	15	141	953	-15	13	141	964	-19	14	180	976	-15	6	141	956	-16	12	156
06	960	-24	6	153	978	-19	5	124	958	-11	16	127	953	-16	12	161	967	-20	10	170	973	-15	5	141	957	-16	17	180
09	961	-21	7	170	979	-18	4	120	955	-12	16	138	954	-16	12	153	970	-19	10	153	969	-14	6	90	959	-11	13	161
12	961	-18	10	156	979	-18	3	141	951	-12	14	141	955	-15	8	149	973	-18	11	149	966	-15	4	104	961	-12	11	146
15	961	-19	8	120	977	-17	3	142	950	-12	11	141	955	-16	7	180	975	-19	8	161	961	-13	11	145	963	-14	7	156
18	963	-17	14	141	975	-15	5	141	950	-13	11	149	956	-18	11	180	977	-17	9	149	958	-13	9	180	963	-18	9	225
21	969	-20	3	64	972	-15	6	111	951	-13	9	141	958	-19	9	173	978	-16	6	139	956	-14	11	180	964	-15	8	189
		DAY	29			DAY	30			DAY	31																	
00	965	-14	4	206	962	-21	14	180	951	-22	15	162																
03	965	-12	1	69	960	-22	17	169	951	-23	11	167																
06	965	-13	3	198	958	-21	15	180	950	-24	11	156																
09	966	-14	7	189	957	-22	14	180	951	-26	15	150																
12	967	-16	14	149	957	-20	10	170	953	-27	13	149																
15	967	-19	13	195	956	-20	13	149	953	-27	16	161																
18	965	-20	20	180	953	-21	11	177	954	-25	16	141																
21	962	-21	18	180	952	-21	11	169	955	-25	17	153																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -20.7 STD DEV = 5.6 MAX = -10.1 AT 1143 GMT ON DAY 13 MIN = -32.9 AT 1000 GMT ON DAY 17
* PRESSURE (MB) * MEAN = 952.7 STD DEV = 11.9 MAX = 979.1 AT 1123 GMT ON DAY 23 MIN = 922.0 AT 327 GMT ON DAY 1
* WINDS (M/S) * MEAN = 8.9 STD DEV = 4.4 RESULTANT = 8.2 FROM 155. CONSTANCY = .92 MAX = 30.0 FROM 177. AT 1947 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 10.9 % PRESSURE: 10.9 % WINDS: 10.9 %

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:	3	12	13	19	17	13	7	9	7	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	1	2	7	34	23	26	5	1	0	0	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

SEP 83

HR	PP	TT	VV	DD
		DAY 1		
00	957	-23	19	141
03	958	-21	16	141
06	959	-21	17	141
09	961	-20	16	143
12	963	-20	17	141
15	965	-19	17	141
18	966	-19	22	138
21	967	-18	15	142
		DAY 8		
00	969	-8	5	180
03	969	-6	2	149
06	968	-7	4	177
09	968	-9	4	170
12	967	-9	5	135
15	965	-10	5	141
18	963	-11	4	145
21	961	-10	4	138
		DAY 15		
00	970	-19	14	152
03	970	-17	8	152
06	970	-16	6	141
09	971	-18	7	141
12	973	-18	8	145
15	975	-17	5	142
18	976	-16	6	148
21	977	-15	7	141
		DAY 22		
00	939	-24	11	170
03	939	-22	12	170
06	941	-23	10	170
09	942	-24	9	180
12	943	-24	9	180
15	943	-25	9	183
18	943	-25	7	172
21	943	-25	9	163
		DAY 29		
00	930	-13	19	150
03	931	-13	15	149
06	932	-13	13	149
09	934	-14	12	161
12	935	-15	13	148
15	935	-15	11	152
18	935	-17	13	170
21	935	-18	10	161

PP	TT	VV	DD
	DAY 2		
968	-18	16	141
967	-16	14	141
965	-16	19	141
964	-15	15	139
959	-15	22	141
955	-15	24	141
951	-14	24	136
949	-14	17	141
	DAY 9		
958	-9	7	141
955	-9	5	111
951	-10	11	145
948	-11	10	150
945	-13	11	161
940	-13	9	189
938	-14	10	180
937	-16	10	172
	DAY 16		
978	-12	8	136
977	-11	6	117
975	-9	11	141
974	-9	12	135
974	-10	11	90
972	-11	10	105
970	-11	10	103
968	-11	12	90
	DAY 23		
941	-22	4	180
940	-20	9	163
940	-17	7	161
940	-19	5	201
941	-20	8	180
942	-20	10	180
942	-19	10	173
943	-17	10	177
	DAY 30		
935	-18	10	141
934	-18	10	141
934	-19	14	141
933	-21	11	149
931	-20	13	141
930	-21	13	160
927	-23	16	173
926	-24	17	170

PP	TT	VV	DD
	DAY 3		
945	-13	26	141
946	-12	22	141
948	-10	16	141
946	-9	21	141
943	-8	13	131
943	-7	22	141
944	-8	22	141
949	-6	18	98
	DAY 10		
936	-17	11	173
938	-18	7	141
939	-20	10	136
940	-23	18	136
941	-23	17	136
941	-23	16	141
942	-22	10	143
943	-24	12	170
	DAY 17		
967	-11	10	111
964	-11	9	111
960	-11	8	113
956	-11	5	111
953	-11	3	141
948	-12	1	120
945	-12	1	210
942	-13	4	211
	DAY 24		
944	-16	12	169
943	-13	5	117
942	-12	14	145
941	-13	14	141
940	-14	16	148
938	-14	19	141
937	-14	21	142
938	-14	19	149

PP	TT	VV	DD
	DAY 4		
955	-9	2	90
956	-9	3	141
957	-8	7	90
957	-9	9	100
958	-9	4	38
959	-10	1	330
960	-14	1	180
961	-14	0	0
	DAY 11		
942	-22	16	136
944	-20	9	141
944	-19	7	135
944	-19	9	142
944	-19	0	0
942	-21	7	180
942	-20	3	189
942	-22	9	180
	DAY 18		
941	-13	4	180
941	-13	2	180
941	-14	4	184
942	-17	8	165
942	-18	10	180
941	-16	12	170
941	-16	16	180
941	-17	16	156
	DAY 25		
939	-14	23	153
941	-12	13	161
943	-12	8	142
946	-11	8	149
948	-13	4	149
948	-13	7	158
948	-16	8	184
948	-16	5	195

PP	TT	VV	DD
	DAY 5		
960	-15	2	173
958	-14	3	180
958	-17	7	198
958	-20	9	201
958	-19	21	169
958	-17	26	179
963	-14	4	180
966	-10	13	198
	DAY 12		
943	-21	10	180
943	-20	5	180
945	-20	5	135
948	-20	7	141
951	-21	13	146
954	-21	15	142
957	-22	16	149
959	-21	14	172
	DAY 19		
941	-16	16	158
X	X	X	X
938	-13	14	141
938	-15	14	165
938	-16	14	165
937	-16	17	161
937	-14	16	149
938	-15	13	149
	DAY 26		
948	-15	4	180
947	-14	3	206
947	-14	4	197
946	-15	5	188
946	-17	7	180
945	-18	7	180
945	-20	8	193
946	-20	8	187

PP	TT	VV	DD
	DAY 6		
967	-8	15	231
X	X	X	X
X	X	X	X
974	-8	9	225
973	-6	12	225
972	-6	0	0
968	-7	17	212
968	-8	18	225
	DAY 13		
959	-19	13	180
957	-17	18	180
956	-19	18	180
952	-20	19	180
948	-19	19	180
942	-20	23	191
940	-20	22	180
945	-20	22	150
	DAY 20		
937	-16	18	163
937	-15	17	170
936	-15	15	180
936	-17	16	167
938	-16	0	0
938	-18	2	141
938	-19	9	170
937	-19	8	170
	DAY 27		
948	-19	7	180
949	-16	5	180
950	-15	7	180
951	-13	2	167
952	-14	6	141
953	-14	7	141
953	-14	9	120
953	-14	8	124

PP	TT	VV	DD
	DAY 7		
968	-8	19	203
968	-6	16	198
969	-8	14	180
971	-7	8	180
970	-7	8	180
970	-9	6	195
969	-9	6	197
969	-9	5	180
	DAY 14		
946	-20	25	160
949	-18	25	169
950	-17	17	149
953	-17	15	141
958	-16	13	135
963	-17	12	124
967	-19	13	141
969	-20	14	149
	DAY 21		
936	-19	7	161
935	-20	10	170
935	-21	11	180
935	-23	12	141
934	-25	17	155
934	-25	17	153
935	-26	14	160
936	-25	16	180
	DAY 28		
950	-12	11	120
945	-11	16	141
939	-12	24	141
935	-13	27	142
933	-13	22	145
931	-13	25	141
928	-13	22	141
929	-14	19	141

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -15.5 STD DEV = 4.8 MAX = -4.0 AT 1421 GMT ON DAY 6 MIN = -26.0 AT 1756 GMT ON DAY 21
* PRESSURE (MB) * MEAN = 949.7 STD DEV = 12.8 MAX = 977.5 AT 2336 GMT ON DAY 15 MIN = 925.3 AT 2300 GMT ON DAY 30
* WINDS (M/S) * MEAN = 11.4 STD DEV = 6.1 RESULTANT = 10.4 FROM 156. CONSTANCY = .91 MAX = 33.1 FROM 136. AT 1724 GMT DAY 2
* 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:	4	6	11	11	15	11	9	9	11	4	8	2	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	3	5	34	19	30	6	2	0	0	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

OCT 83

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	924	-22	11	180	915	-22	4	170	936	-25	12	148	943	-23	9	156	934	-19	9	180	944	-19	1	180	923	-24	19	180
03	923	-21	11	166	916	-21	6	145	938	-23	8	146	938	-19	13	141	936	-17	4	161	942	-18	1	243	923	-22	14	180
06	921	-22	7	170	917	-22	6	141	939	-22	10	143	936	-18	11	141	939	-16	2	145	940	-20	6	280	923	-21	14	180
09	920	-24	7	180	919	-25	9	161	941	-24	6	180	933	-16	13	122	943	-19	4	191	937	-22	5	260	925	-22	15	176
12	918	-25	7	180	923	-28	10	180	944	-25	12	172	928	-18	16	141	945	-20	4	180	934	-24	9	198	926	-23	11	153
15	916	-25	6	180	927	-29	11	180	945	-27	9	180	929	-20	14	159	946	-22	5	180	932	-23	9	180	929	-22	5	180
18	915	-25	7	173	930	-29	11	166	945	-29	7	180	930	-22	13	180	946	-24	7	191	929	-24	11	180	930	-24	8	180
21	915	-25	6	195	933	-29	12	161	945	-26	10	198	931	-21	14	153	945	-20	0	0	925	-25	14	172	931	-28	12	193
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	932	-25	9	193	935	-22	7	115	935	-22	9	180	942	-20	9	189	944	-18	10	161	948	-13	6	149	963	-14	7	161
03	933	-22	4	180	935	-20	7	104	936	-21	5	146	941	-21	12	188	940	-15	14	141	949	-12	5	180	962	-14	12	180
06	933	-22	3	180	935	-19	7	180	936	-24	12	162	941	-20	9	186	938	-15	11	136	951	-12	4	198	961	-16	15	180
09	934	-26	6	180	934	-24	13	180	936	-26	11	180	943	-20	8	173	936	-15	12	141	953	-17	10	183	959	-17	19	180
12	935	-27	13	174	934	-23	10	180	936	-25	11	180	945	-21	6	180	936	-15	16	142	956	-21	13	193	958	-17	16	169
15	936	-27	8	181	934	-25	10	188	937	-24	12	153	946	-24	9	180	936	-17	14	141	958	-21	11	183	957	-18	12	180
18	935	-27	7	180	934	-26	9	183	939	-22	7	80	946	-24	6	184	939	-17	12	180	960	-18	11	180	957	-19	14	179
21	935	-26	7	149	935	-26	11	180	941	-20	7	169	946	-22	10	180	943	-17	14	172	962	-14	12	170	957	-19	15	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	958	-16	12	180	955	-15	14	141	969	-15	6	122	971	-17	5	104	957	-14	8	135	944	-20	10	141	938	-19	10	141
03	958	-15	10	180	955	-16	14	141	970	-14	6	159	969	-15	8	105	955	-14	12	132	943	-18	6	135	938	-17	11	141
06	958	-14	10	141	956	-16	17	141	970	-14	7	135	967	-14	6	120	952	-14	12	142	943	-18	6	118	938	-16	10	136
09	958	-14	13	141	958	-15	14	169	971	-15	5	141	966	-14	10	135	950	-16	10	161	942	-20	7	142	939	-15	11	129
12	958	-16	14	124	961	-16	14	161	972	-18	6	127	965	-15	11	141	949	-19	10	180	941	-22	8	141	941	-15	9	149
15	956	-17	17	121	963	-18	11	160	972	-19	8	170	964	-18	8	153	948	-22	15	180	939	-20	9	141	941	-15	13	141
18	956	-17	13	141	967	-18	8	170	971	-19	9	141	962	-18	15	162	946	-22	16	177	939	-22	9	153	943	-16	10	141
21	956	-17	11	135	968	-16	8	159	971	-18	10	135	960	-18	11	149	945	-23	11	167	938	-21	10	141	945	-15	6	135
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	947	-14	7	142	936	-16	14	142	938	-16	8	180	938	-16	11	149	945	-13	4	225	939	-12	10	139	923	-16	9	149
03	949	-13	4	141	934	-15	15	141	939	-15	7	141	940	-14	9	161	947	-10	0	0	935	-12	11	131	923	-13	7	120
06	951	-12	1	141	933	-15	14	161	940	-15	5	149	941	-13	6	161	947	-12	3	270	932	-11	12	143	923	-13	9	128
09	951	-13	3	125	933	-16	14	180	940	-17	6	180	941	-14	4	143	948	-14	5	189	930	-12	13	141	924	-14	10	141
12	949	-15	4	145	934	-17	9	142	941	-21	9	180	942	-14	4	180	948	-15	9	172	929	-12	12	141	926	-15	10	141
15	946	-17	9	141	933	-17	13	170	941	-22	10	180	942	-15	6	160	946	-17	9	180	928	-16	18	174	928	-15	10	136
18	941	-17	13	141	935	-17	12	155	939	-20	12	180	943	-15	3	198	944	-15	8	162	926	-18	15	173	930	-15	11	142
21	938	-17	14	141	936	-18	12	180	938	-19	14	156	944	-14	4	194	941	-13	10	141	925	-17	13	180	933	-15	8	136
		DAY	29			DAY	30			DAY	31																	
00	936	-14	8	141	942	-13	10	141	938	-14	8	149																
03	938	-13	6	141	941	-13	12	141	937	-12	7	149																
06	939	-13	6	122	940	-13	12	141	937	-12	6	180																
09	941	-13	4	136	940	-14	13	139	937	-13	5	170																
12	942	-14	5	141	940	-16	15	155	937	-17	8	180																
15	942	-16	7	180	940	-16	12	170	937	-19	8	180																
18	942	-15	8	141	939	-17	13	180	938	-21	9	180																
21	942	-15	8	142	938	-17	13	176	938	-20	7	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -18.3 STD DEV = 4.3 MAX = -10.2 AT 254 GMT ON DAY 26 MIN = -29.1 AT 1411 GMT ON DAY 2
* PRESSURE (MB) * MEAN = 941.6 STD DEV = 12.4 MAX = 971.8 AT 1435 GMT ON DAY 17 MIN = 914.9 AT 1935 GMT ON DAY 1
* WINDS (M/S) * MEAN = 9.4 STD DEV = 3.6 RESULTANT = 8.7 FROM 160. CONSTANCY = .93 MAX = 21.3 FROM 163. AT 1732 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:	2	4	12	17	19	20	13	10	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	0	0	0	0	0	4	33	16	41	4	0	0	1	0	0	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

NOV 83

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	937	-14	2	180	940	-16	8	141	946	-15	8	180	944	-15	4	141	944	-11	10	129	951	-10	9	148	957	-6	2	251
03	937	-12	0	0	940	-15	11	139	947	-13	3	152	942	-13	7	125	943	-10	11	139	951	-8	5	135	958	-8	2	180
06	937	-12	1	307	940	-14	12	141	947	-12	4	170	942	-12	7	141	944	-9	10	139	951	-5	0	0	960	-5	0	0
09	938	-14	3	218	942	-14	10	141	947	-15	3	180	943	-14	6	162	947	-10	7	141	952	-9	2	252	962	-7	5	203
12	939	-20	7	180	944	-15	10	141	947	-17	6	180	945	-15	7	149	948	-11	8	159	954	-14	5	218	965	-9	7	206
15	939	-21	11	181	944	-16	11	156	947	-21	7	189	945	-15	11	149	949	-12	7	180	955	-16	8	218	966	-11	6	189
18	939	-22	12	180	945	-19	11	180	946	-20	7	180	944	-14	9	134	950	-12	8	180	955	-16	6	210	968	-12	7	177
21	940	-21	12	180	945	-19	9	180	945	-18	6	173	944	-13	9	141	950	-12	11	163	957	-13	4	225	970	-9	3	181
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	970	-7	3	135	970	-6	7	104	956	-5	12	132	951	-4	3	111	950	-4	11	135	955	-7	7	141	952	-10	6	97
03	971	-7	4	90	968	-6	7	90	953	-5	18	141	950	-3	3	90	950	-4	16	117	954	-6	5	77	951	-10	7	90
06	971	-7	5	120	966	-6	7	90	953	-4	13	141	949	-3	2	141	950	-3	14	148	954	-5	2	70	950	-9	7	94
09	971	-7	5	118	965	-5	10	117	952	-5	12	141	948	-3	5	120	951	-5	9	141	954	-7	4	113	950	-10	6	135
12	971	-7	3	108	963	-5	10	124	952	-6	16	138	947	-4	11	141	952	-8	10	170	953	-10	7	141	950	-11	7	141
15	971	-7	4	135	961	-6	13	131	952	-6	17	136	948	-6	13	134	953	-9	13	160	953	-11	7	141	950	-13	12	149
18	970	-7	9	141	959	-6	12	141	952	-7	14	141	947	-6	14	138	954	-10	8	167	953	-11	8	141	950	-15	8	149
21	971	-7	7	125	958	-5	12	103	952	-6	12	141	949	-5	14	149	955	-9	8	146	952	-11	5	142	950	-14	9	149
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	950	-13	13	129	950	-13	9	141	941	-11	9	149	948	-12	10	150	949	-10	6	177	X	X	X	X	955	-9	7	120
03	951	-12	8	120	949	-11	9	141	941	-10	5	90	950	-9	5	141	947	-8	8	135	951	-7	3	111	955	-8	9	93
06	952	-11	5	90	948	-11	7	141	940	-9	3	90	952	-9	4	135	947	-7	5	161	X	X	X	X	953	-8	7	101
09	952	-13	6	121	947	-12	7	141	941	-9	0	0	952	-10	2	124	947	-9	8	180	952	-6	1	149	952	-9	10	101
12	952	-14	6	170	947	-14	10	136	941	-14	6	170	953	-14	5	180	947	-11	11	179	954	-12	7	180	951	-9	10	141
15	952	-16	12	146	945	-17	10	180	942	-15	11	152	952	-15	8	180	947	-14	10	187	954	-14	10	173	951	-9	9	135
18	951	-16	12	149	943	-15	7	161	944	-16	9	180	951	-15	5	180	948	-14	8	172	955	-14	10	181	952	-8	7	125
21	951	-15	10	170	942	-13	11	145	946	-14	9	166	950	-13	8	180	X	X	X	X	955	-12	6	180	953	-7	8	114
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	952	-7	9	141	950	-6	11	328	957	-6	2	359	944	-7	5	180	941	-11	6	180	941	-10	9	141	945	-7	6	142
03	947	-7	11	141	953	-5	9	309	956	-5	4	309	942	-4	1	360	941	-7	3	180	939	-9	10	141	947	-4	6	122
06	944	-6	12	121	955	-5	7	314	955	-4	2	289	941	-3	1	360	942	-5	0	0	939	-10	8	141	949	-4	2	90
09	938	-5	15	114	956	-5	4	311	953	-5	2	183	941	-10	5	225	943	-10	4	225	937	-9	12	135	949	-6	1	141
12	935	-5	16	101	957	-5	1	357	951	-7	2	195	941	-16	9	215	944	-13	9	198	938	-10	8	141	949	-7	3	217
15	935	-4	9	79	956	-6	6	270	948	-8	5	194	941	-16	9	198	945	-15	9	180	938	-10	10	141	948	-9	7	180
18	940	-7	12	315	957	-12	10	225	946	-8	5	198	941	-17	9	198	945	-15	8	189	939	-10	11	139	948	-11	7	176
21	945	-7	13	323	958	-10	8	231	945	-10	7	180	941	-15	7	180	943	-13	9	172	941	-10	11	143	948	-11	6	180
		DAY	29			DAY	30																					
00	948	-9	5	183	946	-8	2	170																				
03	947	-4	0	0	946	-4	1	309																				
06	947	-6	4	287	X	X	X	X																				
09	947	-8	4	231	946	-7	1	201																				
12	946	-13	10	225	946	-10	6	180																				
15	947	-15	11	207	946	-12	7	141																				
18	947	-16	7	194	945	-13	8	155																				
21	946	-14	7	180	944	-12	15	142																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -10.0 STD DEV = 4.1 MAX = 1.9 AT 709 GMT ON DAY 30 MIN = -21.9 AT 1630 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 949.4 STD DEV = 7.6 MAX = 972.0 AT 1007 GMT ON DAY 8 MIN = 934.2 AT 1345 GMT ON DAY 22
* WINDS (M/S) * MEAN = 7.4 STD DEV = 3.7 RESULTANT = 5.8 FROM 152. CONSTANCY = .79 MAX = 20.3 FROM 141. AT 309 GMT DAY 10
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.7 % PRESSURE: 1.7 % WINDS: 1.7 %

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:	9	10	15	22	18	16	7	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	2	0	0	1	7	8	32	10	24	5	5	1	0	1	3	0

STATION : 8901 D-10 LAT : 66.7 S LONG : 139.8E ELEVATION : 240 M

DEC 83

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	943	-11	16	148	946	-7	14	158	938	-7	11	141	941	-6	9	161	947	-3	2	90	946	-3	16	141	939	-5	18	146
03	942	-10	15	141	947	-6	11	149	937	-4	9	141	941	-4	8	161	949	-1	1	141	945	-3	15	134	940	-4	19	145
06	942	-10	19	145	947	-5	8	170	938	-3	2	90	942	-4	7	170	949	-1	1	161	943	-2	13	141	942	-3	13	141
09	942	-10	14	141	946	-6	10	150	939	-3	5	136	941	-5	6	180	950	-3	1	170	941	-3	15	136	944	-4	5	101
12	943	-10	19	149	944	-9	11	174	939	-5	7	156	941	-7	6	173	950	-5	4	170	941	-4	16	141	946	-4	4	138
15	944	-10	17	149	942	-8	8	141	940	-7	10	181	942	-9	6	176	950	-3	5	127	941	-4	15	149	947	-5	6	141
18	945	-10	15	180	941	-7	7	141	940	-7	7	170	943	-8	5	156	948	-3	13	141	939	-5	16	158	947	-6	10	161
21	946	-9	14	160	939	-8	9	141	941	-7	12	180	945	-6	4	141	947	-3	16	143	939	-6	18	160	948	-7	10	170
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	949	-6	14	156	957	-2	4	90	959	-6	8	170	958	-7	9	141	961	-4	3	143	952	-7	17	149	950	-4	9	90
03	949	-4	8	145	958	-3	4	90	961	-3	4	180	957	-5	8	141	960	-1	1	315	952	-7	14	141	950	-3	9	100
06	949	-4	8	150	958	-2	5	82	963	1	0	0	957	-4	8	141	960	1	0	0	953	-5	13	141	951	-3	10	90
09	949	-5	8	170	958	-3	4	84	964	-4	3	239	958	-3	5	156	959	-4	5	135	953	-5	12	141	952	-3	7	90
12	949	-8	12	180	956	-4	6	101	964	-9	5	225	959	-8	5	197	958	-6	10	136	952	-5	11	122	954	-4	7	101
15	950	-7	6	170	954	-4	7	90	964	-10	11	180	961	-11	7	180	956	-7	12	150	950	-4	14	124	954	-4	7	120
18	952	-6	7	180	954	-7	13	135	963	-11	14	180	961	-11	6	180	954	-8	12	141	949	-4	14	128	954	-4	3	142
21	955	-3	4	162	956	-7	10	155	960	-10	13	156	961	-9	6	183	953	-8	15	141	949	-4	13	135	954	-3	3	124
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	954	-2	3	141	957	-3	4	158	954	1	3	170	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	953	0	3	188	957	2	0	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	953	-1	3	311	957	3	0	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	954	-2	3	267	956	-2	0	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	954	-4	4	225	956	-1	2	143	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	955	-5	2	225	955	-3	3	218	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	956	-6	3	222	954	-3	3	206	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	957	-5	1	180	954	0	3	166	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 = -4.9 STD DEV = 2.8 MAX = 2.9 AT 2203 GMT ON DAY 16 MIN = -11.5 AT 1851 GMT ON DAY 10
* PRESSURE (MB) * MEAN = 950.2 STD DEV = 7.1 MAX = 964.7 AT 1350 GMT ON DAY 10 MIN = 936.9 AT 328 GMT ON DAY 3
* WINDS (M/S) * MEAN = 8.1 STD DEV = 5.0 RESULTANT = 7.4 FROM 149. CONSTANCY = .91 MAX = 21.7 FROM 146. AT 2156 GMT DAY 12
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 48.0 % PRESSURE: 48.0 % WINDS: 48.0 %

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:	9	16	12	17	11	9	11	9	4	3	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	11	2	35	21	22	2	4	1	1	0	2	0

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

JAN 83

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	828	-13	3	120	823	-15	7	360	819	-15	15	18	820	-12	12	360	823	-10	9	360	830	-8	2	360	830	-8	3	360
03	828	-14	2	101	822	-15	6	17	818	-15	14	12	820	-12	14	18	823	-10	8	360	830	-7	0	0	829	-9	2	360
06	827	-14	0	0	822	-17	7	21	817	-14	18	25	820	-14	14	360	825	-11	7	14	831	-9	2	4	829	-12	2	360
09	826	-14	0	0	822	-19	7	23	816	-14	17	22	820	-14	13	17	825	-12	5	11	831	-12	3	6	829	-13	3	326
12	826	-12	0	0	821	-19	8	37	817	-14	17	18	820	-13	13	360	827	-13	5	360	831	-12	3	6	829	-12	0	0
15	825	-15	2	68	821	-18	11	37	817	-14	15	360	821	-11	13	20	828	-13	4	360	830	-11	3	12	829	-10	1	141
18	824	-15	5	45	820	-16	16	21	818	-13	14	360	822	-10	10	360	829	-10	3	10	830	-9	4	360	829	-9	4	141
21	823	-14	7	27	819	-15	14	12	819	-12	15	360	823	-9	11	7	830	-9	3	360	830	-8	2	353	829	-9	5	149
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	829	-9	6	149	826	-5	0	0	822	-10	8	225	828	-14	2	180	815	-10	6	290	812	-11	6	270	814	-18	2	206
03	829	-10	4	124	825	-11	5	340	824	-12	7	224	827	-15	0	0	815	-10	5	301	812	-12	9	231	813	-19	1	143
06	828	-11	3	141	823	-11	6	3	826	-14	4	201	826	-17	0	0	814	-10	4	301	814	-15	10	225	812	-19	2	135
09	828	-11	1	141	822	-13	9	360	828	-14	5	224	824	-16	3	360	814	-10	5	305	815	-17	7	231	811	-20	2	13
12	827	-11	2	167	820	-11	8	360	828	-14	3	225	822	-21	3	13	813	-10	5	309	816	-20	5	225	810	-22	3	24
15	827	-11	2	98	820	-8	6	301	829	-14	2	218	820	-17	5	360	812	-10	5	318	816	-20	3	225	809	-22	6	360
18	826	-10	2	360	820	-9	6	291	829	-13	3	190	817	-15	9	360	811	-9	4	289	815	-18	2	252	808	-18	8	360
21	826	-8	0	0	821	-9	6	270	829	-14	4	172	816	-11	5	309	811	-9	8	253	815	-16	2	231	808	-16	8	8
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	809	-14	7	6	818	-11	0	0	818	-11	9	360	814	-12	4	360	810	-13	6	37	821	-18	6	218	824	-15	4	360
03	809	-14	9	45	818	-12	4	360	818	-13	6	3	813	-13	5	18	810	-13	4	45	823	-19	5	180	823	-15	3	28
06	811	-15	8	45	819	-12	5	360	817	-14	8	360	812	-14	2	32	811	-16	3	58	824	-19	4	179	821	-15	3	360
09	811	-17	6	30	819	-14	6	360	816	-17	5	360	811	-17	5	45	812	-18	3	62	825	-20	0	0	821	-17	2	62
12	813	-17	4	21	819	-14	7	6	815	-18	4	360	811	-16	7	360	814	-18	3	45	826	-22	3	4	821	-19	1	45
15	814	-15	6	360	818	-14	7	360	815	-17	4	359	811	-14	6	10	815	-16	1	45	826	-19	3	360	821	-17	1	163
18	816	-15	4	360	818	-12	9	360	815	-15	5	360	811	-14	8	360	817	-13	0	0	826	-17	4	349	822	-18	6	180
21	817	-13	2	338	818	-11	8	360	814	-14	6	360	810	-13	7	45	819	-16	3	225	825	-15	5	360	823	-18	7	205
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	824	-17	4	225	821	-17	5	360	818	-16	5	6	814	-11	7	4	825	-19	5	309	827	-15	2	270	828	-17	1	270
03	824	-17	0	0	819	-20	5	45	817	-16	6	360	814	-14	8	8	825	-19	5	333	827	-13	12	266	827	-19	3	309
06	825	-17	1	269	817	-21	8	360	816	-16	10	360	813	-15	10	360	825	-19	7	336	827	-14	6	256	826	-20	5	330
09	825	-17	2	208	816	-21	9	15	815	-16	9	360	813	-16	8	360	825	-19	7	309	827	-14	10	269	826	-21	4	309
12	825	-17	0	0	816	-22	9	360	814	-13	7	360	814	-16	3	328	826	-16	7	270	827	-15	10	270	825	-19	5	307
15	825	-19	0	0	816	-22	9	360	814	-12	6	360	817	-19	10	255	827	-18	8	245	827	-15	10	270	825	-17	2	270
18	824	-16	1	4	817	-18	8	360	813	-12	6	349	820	-18	7	270	828	-18	6	284	827	-17	9	240	824	-17	5	225
21	823	-17	3	360	818	-17	7	360	814	-12	8	360	823	-18	7	270	828	-17	5	270	829	-17	4	211	824	-18	6	225
		DAY	29			DAY	30			DAY	31																	
00	824	-20	5	238	822	-20	7	225	821	-21	4	180																
03	824	-22	4	225	823	-20	6	195	821	-21	3	180																
06	824	-22	3	225	823	-21	6	198	820	-22	2	136																
09	824	-22	3	208	823	-22	5	225	820	-23	1	141																
12	823	-21	3	225	823	-22	5	225	820	-23	3	121																
15	823	-21	4	204	822	-22	5	225	821	-23	0	0																
18	823	-20	4	206	822	-21	6	212	821	-22	3	180																
21	823	-19	4	226	822	-21	4	206	822	-21	3	194																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -15.1 STD DEV = 3.8 MAX = -3.0 AT 2253 GMT ON DAY 8 MIN = -23.3 AT 1410 GMT ON DAY 31

* PRESSURE (MB) * MEAN = 820.8 STD DEV = 5.9 MAX = 830.8 AT 822 GMT ON DAY 6 MIN = 807.7 AT 2005 GMT ON DAY 14

* WINDS (M/S) * MEAN = 5.5 STD DEV = 3.6 RESULTANT = 2.7 FROM 347. CONSTANCY = .50 MAX = 22.4 FROM 18. AT 912 GMT DAY 3

* 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	24	25	18	8	4	2	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	36	11	6	2	1	1	4	2	4	6	10	3	6	3	4	3

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

FEB 83

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	827	-23	0	0	825	-23	5	20	824	-24	2	270	831	-24	2	330	830	-22	3	249	827	-23	0	0
03	824	-21	2	180	827	-24	0	0	824	-24	5	14	825	-25	2	271	830	-27	2	360	829	-22	3	243	826	-25	0	0
06	825	-23	0	0	827	-25	1	90	824	-26	5	360	827	-28	3	263	830	-29	3	1	829	-23	4	225	826	-27	0	0
09	825	-23	0	0	827	-28	5	360	823	-28	6	360	828	-29	2	270	829	-33	3	10	829	-23	2	249	825	-28	0	0
12	827	-26	0	0	827	-30	5	15	822	-29	6	360	830	-32	1	360	829	-34	3	13	828	-23	2	225	825	-26	3	45
15	827	-28	0	0	827	-29	4	15	821	-28	5	4	830	-30	4	309	829	-28	1	360	828	-23	1	238	826	-27	5	45
18	827	-24	0	0	826	-26	6	12	822	-27	6	354	831	-27	3	359	829	-24	2	278	828	-22	1	180	826	-21	7	37
21	827	-20	0	0	826	-24	5	360	822	-25	3	315	831	-26	2	332	829	-22	3	225	827	-21	0	0	826	-20	6	30
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	826	-19	7	45	828	-20	5	30	823	-20	7	4	810	-21	1	156	806	-25	1	360	807	-26	5	45	810	-29	1	45
03	826	-21	7	45	828	-24	4	45	822	-24	6	21	808	-24	1	125	806	-25	1	4	807	-29	5	34	810	-27	0	0
06	826	-22	8	25	827	-27	6	45	821	-27	6	360	806	-26	0	0	806	-32	5	17	807	-32	5	42	810	-30	3	31
09	827	-25	8	45	827	-30	6	21	820	-31	6	360	805	-30	3	309	807	-34	3	360	807	-36	5	38	810	-30	4	66
12	827	-25	9	34	827	-31	6	14	818	-33	5	25	805	-29	2	305	807	-35	6	37	808	-37	5	12	811	-26	3	86
15	827	-23	7	45	826	-28	7	360	816	-30	4	13	804	-29	4	312	807	-33	6	14	808	-35	4	360	812	-24	4	90
18	827	-20	10	31	825	-24	9	12	814	-24	1	101	805	-27	1	330	807	-30	4	8	809	-32	6	27	812	-24	3	54
21	827	-19	8	30	824	-21	7	7	811	-21	2	141	805	-24	0	0	807	-24	5	45	809	-30	3	45	813	-24	2	101
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	814	-24	1	141	816	-28	7	360	815	-28	5	349	812	-29	2	326	800	-27	0	0	802	-29	2	59	812	-25	3	309
03	815	-26	0	0	814	-27	7	17	814	-29	5	315	810	-30	3	309	800	-29	2	359	802	-30	0	0	813	-29	5	322
06	815	-27	0	0	814	-27	8	360	814	-33	3	347	808	-33	2	360	801	-29	1	360	803	-33	0	0	814	-32	4	359
09	816	-33	4	10	814	-31	8	359	814	-34	4	360	806	-33	2	8	801	-28	1	360	804	-34	0	0	815	-35	5	360
12	816	-34	5	360	815	-33	6	360	814	-35	3	330	804	-32	1	8	802	-28	0	0	806	-33	1	225	816	-36	5	360
15	816	-34	5	13	815	-31	6	360	814	-32	3	360	802	-33	3	37	802	-30	4	30	807	-31	0	0	817	-34	5	360
18	816	-32	5	360	815	-28	5	360	813	-30	4	309	801	-33	4	360	802	-30	2	360	808	-23	2	45	817	-27	5	6
21	816	-29	7	10	815	-27	5	360	813	-29	3	315	800	-31	2	37	802	-30	1	37	810	-22	2	360	816	-23	5	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	815	-26	7	360	815	-18	9	345	823	-18	5	330	823	-21	3	45	814	-26	6	13	812	-30	5	1	811	-20	4	359
03	814	-26	9	360	816	-18	7	315	824	-19	5	336	821	-20	5	45	813	-29	5	360	811	-32	5	17	811	-20	3	15
06	813	-27	11	10	817	-16	6	309	824	-20	5	309	820	-23	5	10	812	-30	6	360	811	-34	6	360	810	-22	5	45
09	812	-27	10	7	817	-16	7	339	825	-23	3	360	819	-23	7	360	812	-32	5	1	810	-36	7	360	810	-20	5	360
12	812	-29	9	360	819	-16	6	338	825	-21	4	360	817	-27	6	360	812	-32	6	360	810	-34	6	360	810	-18	5	360
15	812	-24	9	360	819	-16	5	336	824	-21	6	315	816	-27	5	360	812	-33	6	360	810	-31	6	18	810	-18	6	18
18	813	-19	8	309	820	-18	5	330	824	-19	4	319	815	-26	6	360	812	-32	6	360	810	-22	5	360	810	-20	7	360
21	814	-19	7	309	821	-16	6	330	824	-21	3	22	814	-25	4	18	812	-30	5	360	810	-20	5	360	810	-21	7	360

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -26.6 STD DEV = 4.9 MAX = -15.4 AT 958 GMT ON DAY 23 MIN = -37.1 AT 1225 GMT ON DAY 13
* PRESSURE (MB) * MEAN = 816.7 STD DEV = 8.5 MAX = 830.8 AT 2122 GMT ON DAY 4 MIN = 800.3 AT 2036 GMT ON DAY 18
* WINDS (M/S) * MEAN = 4.2 STD DEV = 2.4 RESULTANT = 3.5 FROM 4. CONSTANCY = .84 MAX = 11.3 FROM 30. AT 1743 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:	22	23	33	17	4	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	42	16	13	1	3	0	2	1	1	0	2	2	3	0	10	7

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

MAR 83

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	810	-19	8	360	814	-20	4	12	820	-27	4	22	819	-30	2	349	815	-34	5	360	810	-31	10	20	812	-27	10	31
03	810	-21	9	1	815	-27	4	360	820	-30	4	360	818	-29	2	330	815	-38	6	360	809	-32	10	360	812	-26	8	37
06	810	-21	7	23	816	-32	6	13	820	-34	6	17	818	-36	3	360	814	-41	7	20	809	-34	8	37	813	-27	9	45
09	811	-19	9	360	817	-35	6	11	820	-36	5	6	817	-33	2	7	814	-40	8	360	810	-34	8	21	813	-28	7	30
12	811	-23	6	360	818	-36	5	360	821	-37	5	14	817	-31	2	360	814	-38	8	24	810	-33	11	30	813	-27	10	28
15	812	-24	7	360	819	-33	3	360	820	-36	4	360	817	-32	1	7	812	-36	10	360	811	-32	10	45	813	-24	9	28
18	812	-22	10	357	819	-27	2	13	820	-34	4	360	816	-33	3	360	811	-34	12	20	811	-30	9	45	812	-24	11	22
21	813	-20	7	360	819	-26	1	360	819	-29	5	326	816	-33	5	360	811	-31	9	360	812	-28	10	32	813	-23	11	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	813	-23	10	21	808	-24	12	360	809	-22	8	45	808	-20	8	360	810	-20	6	25	807	-24	9	360	807	-26	5	38
03	813	-24	8	15	808	-26	10	6	808	-19	10	28	809	-21	7	45	810	-22	4	22	808	-25	8	360	805	-25	5	45
06	812	-26	8	360	808	-27	12	360	806	-19	12	37	809	-20	10	56	809	-24	5	360	808	-25	8	360	804	-24	8	41
09	812	-23	10	360	808	-28	9	360	804	-18	13	27	810	-21	6	52	809	-30	6	24	809	-27	5	360	803	-27	7	45
12	811	-28	9	3	809	-28	9	360	803	-19	14	12	810	-20	8	24	808	-30	7	360	810	-30	5	4	802	-23	10	34
15	810	-29	12	15	809	-28	9	6	803	-20	14	360	810	-22	8	360	808	-31	9	18	809	-33	7	360	802	-22	11	45
18	809	-24	13	360	809	-25	9	14	804	-18	12	7	810	-22	7	360	807	-31	9	360	809	-32	8	20	801	-22	12	360
21	809	-24	11	360	809	-23	9	360	806	-18	11	360	811	-21	6	23	807	-26	12	6	808	-29	6	360	802	-22	12	28
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	802	-24	11	17	808	-30	6	360	805	-34	8	21	806	-25	6	339	808	-16	5	360	808	-18	16	360	811	-25	10	360
03	802	-26	9	12	808	-31	6	15	803	-34	11	18	806	-22	6	338	807	-22	10	360	809	-19	8	360	810	-28	8	360
06	802	-27	8	12	809	-35	6	360	801	-32	10	360	807	-21	6	339	808	-21	10	4	809	-20	14	360	810	-27	10	360
09	803	-27	8	15	809	-38	5	360	800	-27	10	360	808	-21	4	360	807	-19	11	360	810	-21	11	1	809	-25	9	359
12	804	-27	11	21	809	-40	6	10	800	-27	8	360	808	-21	5	360	807	-21	13	360	811	-20	11	360	809	-28	7	360
15	805	-27	8	21	809	-41	7	10	802	-27	5	349	807	-24	7	360	806	-22	15	360	811	-24	10	360	809	-31	5	4
18	806	-27	7	360	808	-39	7	360	803	-25	5	354	807	-24	6	6	807	-19	14	360	812	-25	9	360	809	-30	6	360
21	806	-28	7	13	807	-36	8	360	804	-26	7	360	808	-19	8	360	807	-18	13	360	812	-24	9	360	809	-23	3	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	808	-27	7	12	806	-32	7	7	811	-39	4	360	821	-43	7	13	821	-30	4	360	823	-38	9	360	819	-16	7	349
03	807	-30	9	360	806	-34	7	360	812	-39	3	342	821	-44	7	13	822	-27	3	10	821	-39	9	360	820	-17	6	330
06	806	-30	9	14	806	-35	7	360	813	-38	4	360	821	-44	7	360	822	-26	4	360	820	-38	8	10	820	-19	5	360
09	806	-31	10	360	806	-37	6	4	815	-39	5	309	821	-44	7	360	823	-32	6	360	819	-33	8	360	820	-18	8	335
12	806	-33	9	4	807	-38	5	360	816	-39	5	333	821	-43	7	360	824	-37	6	360	818	-25	9	360	820	-18	4	330
15	805	-33	10	360	807	-38	4	360	817	-43	4	1	820	-40	8	8	824	-39	6	360	818	-23	5	360	821	-17	4	330
18	805	-32	11	13	808	-38	5	360	819	-44	5	360	820	-34	8	360	824	-38	7	6	819	-20	7	338	822	-20	6	360
21	805	-32	9	360	809	-38	5	359	820	-43	6	360	820	-31	9	360	824	-37	7	360	819	-17	7	309	822	-27	5	18
		DAY	29			DAY	30			DAY	31																	
00	823	-30	5	12	821	-23	7	360	820	-24	3	360																
03	822	-28	6	12	821	-23	7	20	818	-24	4	360																
06	822	-29	6	45	821	-19	8	360	818	-23	2	359																
09	821	-28	8	20	821	-20	6	360	816	-25	2	360																
12	821	-29	9	360	820	-23	8	3	815	-27	2	21																
15	X	X	X	X	820	-26	6	360	813	-26	3	45																
18	821	-27	7	360	820	-24	4	360	811	-26	4	45																
21	821	-25	6	20	820	-24	5	360	808	-24	3	131																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -27.9 STD DEV = 6.7 MAX = -16.2 AT 26 GMT ON DAY 19 MIN = -45.0 AT 738 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 812.0 STD DEV = 6.1 MAX = 824.1 AT 1908 GMT ON DAY 26 MIN = 799.6 AT 855 GMT ON DAY 17
* WINDS (M/S) * MEAN = 7.4 STD DEV = 2.8 RESULTANT = 7.1 FROM 8. CONSTANCY = .96 MAX = 22.9 FROM 360. AT 1906 GMT DAY 19
* 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	11	21	26	23	11	5	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	64	23	8	0	0	0	0	0	0	0	0	0	0	0	1	4

STATION : 8903 BYRD

LAT : 80.0 S LONG : 120.0W ELEVATION : 1530 M

APR 83

HR	PP	TT	VV	DD
		DAY 1		
00	804	-27	4	45
03	802	-25	5	45
06	801	-24	6	45
09	800	-24	8	46
12	800	-29	5	90
15	799	-27	8	41
18	799	-28	8	37
21	799	-27	10	12
		DAY 8		
00	805	-33	10	24
03	804	-30	8	12
06	803	-29	9	24
09	802	-30	7	45
12	802	-30	7	34
15	801	-31	4	37
18	800	-38	3	12
21	800	-41	5	22
		DAY 15		
00	818	-30	7	360
03	816	-31	5	12
06	813	-31	6	360
09	812	-31	6	21
12	X	X	X	X
15	X	X	X	X
18	807	-32	6	360
21	806	-33	6	8
		DAY 22		
00	820	-36	7	360
03	819	-37	5	360
06	818	-37	5	6
09	817	-39	6	10
12	815	-38	5	12
15	813	-39	5	360
18	811	-41	6	360
21	809	-40	6	17
		DAY 29		
00	808	-20	10	45
03	809	-20	10	18
06	809	-21	8	11
09	812	-24	6	360
12	814	-26	9	360
15	816	-26	6	360
18	816	-27	7	35
21	815	-25	8	45

PP	TT	VV	DD
	DAY 2		
800	-29	10	20
800	-29	12	17
801	-29	13	360
803	-27	12	360
804	-29	11	10
805	-29	11	8
807	-29	12	360
808	-29	10	360
	DAY 9		
800	-43	6	34
799	-42	7	360
799	-42	10	360
799	-40	12	360
802	-36	10	360
803	-37	11	21
804	-37	13	37
804	-39	15	23
	DAY 16		
805	-33	8	15
804	-35	6	360
803	-36	6	15
802	-36	6	360
801	-36	6	20
800	-27	7	360
799	-26	9	38
797	-23	7	45
	DAY 23		
808	-41	5	21
805	-41	5	360
803	-42	5	360
802	-43	5	13
801	-42	8	360
801	-41	8	360
801	-41	7	360
801	-40	9	18
	DAY 30		
814	-20	10	45
813	-19	14	45
813	-20	12	39
813	-20	11	39
814	-20	12	45
814	-20	11	45
813	-21	11	45
812	-22	8	34

PP	TT	VV	DD
	DAY 3		
810	-32	9	10
811	-33	8	13
811	-32	9	360
812	-30	9	360
812	-29	9	360
812	-30	8	360
813	-29	10	360
813	-29	6	360
	DAY 10		
806	-38	13	24
807	-34	14	28
808	-33	14	360
809	-33	13	360
810	-34	15	10
811	-36	13	1
812	-35	12	360
814	-37	11	360
	DAY 17		
795	-26	5	79
793	-21	10	45
792	-20	10	45
792	-22	15	41
790	-22	13	55
789	-21	15	45
788	-21	18	45
786	-19	22	46
	DAY 24		
802	-36	9	360
803	-34	11	11
805	-28	11	360
806	-28	13	11
808	-27	8	13
808	-26	16	22
810	-28	16	45
811	-27	16	30

PP	TT	VV	DD
	DAY 4		
812	-30	5	360
812	-31	5	360
812	-39	5	359
812	-38	5	360
812	-40	6	360
811	-39	6	360
811	-40	5	360
810	-40	5	360
	DAY 11		
815	-37	10	4
816	-37	12	15
816	-32	14	10
815	-29	15	22
813	-26	19	45
810	-24	21	17
809	-23	22	24
807	-20	24	360
	DAY 18		
786	-18	15	45
786	-18	20	38
786	-19	19	45
789	-21	16	38
790	-23	16	34
793	-26	15	23
796	-26	15	360
799	-28	12	45
	DAY 25		
809	-28	15	39
808	-24	17	22
809	-24	16	37
808	-23	15	45
805	-22	17	51
802	-19	13	45
799	-19	20	37
801	-19	19	12

PP	TT	VV	DD
	DAY 5		
810	-41	5	360
810	-43	4	360
809	-42	5	8
809	-40	3	360
808	-36	0	0
807	-38	3	45
805	-35	0	0
804	-36	3	23
	DAY 12		
807	-20	25	360
810	-19	23	23
809	-19	24	24
809	-18	26	360
812	-19	22	360
816	-19	19	360
819	-20	17	13
820	-19	15	360
	DAY 19		
800	-28	13	39
803	-29	13	32
804	-30	11	22
807	-31	11	360
809	-33	13	15
810	-33	11	360
812	-32	11	360
813	-29	8	45
	DAY 26		
802	-19	17	15
804	-21	11	10
806	-21	12	360
808	-24	9	13
810	-22	10	360
811	-23	14	24
812	-22	14	22
813	-20	14	360

PP	TT	VV	DD
	DAY 6		
803	-38	5	13
802	-35	5	360
802	-36	7	360
802	-37	8	24
803	-35	9	27
803	-37	10	360
805	-37	9	360
806	-35	6	4
	DAY 13		
823	-18	12	360
825	-18	20	18
827	-19	18	18
827	-18	16	21
827	-18	17	360
828	-19	14	360
828	-19	16	10
829	-20	10	4
	DAY 20		
809	-23	14	45
804	-19	18	41
801	-17	17	34
797	-14	17	360
797	-13	13	360
796	-14	14	360
797	-18	15	359
802	-21	9	309
	DAY 27		
813	-20	13	360
813	-21	13	27
815	-22	11	45
815	-23	13	22
816	-22	10	45
814	-20	12	24
813	-21	11	45
812	-20	13	45

PP	TT	VV	DD
	DAY 7		
807	-33	7	360
808	-34	8	11
808	-36	10	360
809	-37	7	360
809	-39	8	13
808	-34	6	360
808	-34	8	14
806	-33	10	37
	DAY 14		
828	-21	9	360
826	-21	9	360
826	-20	9	360
825	-26	7	7
823	-25	7	6
822	-27	8	15
821	-28	6	360
819	-29	7	11
	DAY 21		
808	-22	6	309
812	-21	8	304
817	-24	3	295
819	-27	6	360
820	-28	7	360
821	-30	8	360
821	-34	6	360
821	-32	6	360
	DAY 28		
811	-20	14	41
810	-20	12	30
809	-17	15	41
808	-17	14	45
808	-18	12	37
808	-21	10	32
808	-19	10	31
808	-21	10	45

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -28.3 STD DEV = 7.6 MAX = -13.4 AT 1206 GMT ON DAY 20 MIN = -42.9 AT 351 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 808.0 STD DEV = 8.4 MAX = 828.9 AT 2104 GMT ON DAY 13 MIN = 785.3 AT 26 GMT ON DAY 18
* WINDS (M/S) * MEAN = 10.5 STD DEV = 4.8 RESULTANT = 9.9 FROM 18. CONSTANCY = .94 MAX = 28.3 FROM 10. AT 104 GMT DAY 12
* 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	15	18	13	16	12	10	5	3	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	46	25	26	0	1	0	0	0	0	0	0	0	0	0	1	0

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

MAY 83

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	796	-20	12	360	X	X	X	X	814	-26	12	32	809	-22	10	360	817	-23	10	360	819	-36	7	360
03	810	-24	11	45	797	-21	11	360	811	-23	10	37	813	-25	14	22	810	-23	9	14	818	-25	10	340	818	-35	7	360
06	808	-22	10	45	799	-25	9	360	813	-24	11	45	812	-23	13	360	810	-22	10	8	819	-26	8	345	817	-36	8	11
09	806	-22	11	56	803	-30	8	360	814	-24	13	28	811	-24	11	360	812	-21	9	360	820	-27	7	339	816	-33	7	360
12	803	-20	10	70	805	-30	7	21	815	-24	11	31	811	-23	11	3	814	-27	8	360	820	-32	6	360	815	-33	7	7
15	X	X	X	X	807	-31	7	360	814	-22	15	45	810	-22	11	3	815	-25	8	7	820	-33	5	360	814	-34	7	360
18	797	-20	10	45	809	-30	6	360	815	-24	11	45	810	-22	12	10	816	-28	9	360	820	-35	7	10	813	-34	7	18
21	796	-20	11	44	810	-29	5	13	815	-26	8	34	809	-23	10	360	816	-24	10	360	820	-35	7	360	813	-32	9	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	813	-36	8	360	812	-34	4	360	813	-33	8	360	815	-31	4	3	809	-29	3	316	805	-43	2	6	802	-42	5	360
03	813	-36	7	360	812	-37	5	8	814	-32	6	360	814	-28	3	360	808	-28	3	309	805	-45	4	13	801	-41	5	18
06	813	-36	7	360	812	-37	5	360	814	-30	4	359	813	-28	3	360	807	-27	2	309	805	-45	4	360	801	-41	5	13
09	813	-34	6	330	813	-38	6	10	815	-29	5	349	812	-26	2	359	806	-29	2	309	804	-46	4	360	801	-41	5	360
12	813	-33	5	315	812	-38	6	360	816	-28	4	332	811	-31	3	359	806	-30	2	311	804	-45	5	360	802	-42	4	360
15	812	-33	4	353	812	-37	7	360	816	-27	4	330	811	-29	3	360	805	-31	2	311	804	-43	4	15	803	-41	5	10
18	812	-29	4	360	812	-35	7	8	816	-31	4	360	810	-30	3	349	805	-33	2	309	803	-43	5	360	804	-42	3	10
21	812	-32	4	340	812	-32	9	8	815	-30	5	6	810	-30	3	329	805	-41	2	360	802	-42	5	360	805	-42	3	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	806	-42	3	360	814	-44	3	360	820	-41	5	10	810	-28	7	45	803	-21	14	45	813	-23	18	56	816	-23	9	45
03	807	-45	3	13	816	-43	4	360	820	-40	4	360	809	-29	8	45	803	-20	15	45	813	-24	16	45	816	-26	10	27
06	808	-45	3	4	817	-43	4	4	819	-41	5	11	807	-28	9	45	803	-20	15	31	815	-24	15	45	817	-29	9	360
09	809	-44	5	7	818	-43	4	6	818	-39	4	27	805	-24	14	48	803	-20	19	45	816	-23	17	45	818	-29	6	37
12	810	-44	4	360	819	-43	4	10	817	-38	5	30	804	-25	14	45	805	-22	17	41	816	-23	16	28	818	-29	6	35
15	811	-43	3	360	819	-44	4	360	816	-37	5	25	802	-23	20	51	808	-23	15	45	817	-22	14	45	X	X	X	X
18	812	-44	3	10	820	-42	3	360	814	-32	5	45	802	-22	15	45	810	-23	15	45	817	-23	11	45	817	-26	8	45
21	813	-43	3	3	820	-40	5	11	812	-29	5	51	803	-20	15	45	811	-22	17	48	817	-26	11	35	817	-26	8	45
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	816	-25	11	45	809	-24	16	45	825	-20	13	45	829	-26	8	17	828	-19	12	45	823	-22	9	18
03	818	-22	9	38	815	-23	14	46	810	-23	14	56	825	-20	14	45	829	-25	10	45	827	-21	12	45	823	-20	12	37
06	818	-26	9	45	814	-24	15	42	811	-22	20	53	826	-21	11	52	830	-26	10	360	828	-21	8	45	823	-20	15	20
09	817	-27	11	45	810	-23	18	45	814	-22	17	45	826	-20	13	52	831	-27	7	24	827	-21	9	45	824	-24	7	360
12	817	-28	9	38	810	-24	14	45	817	-23	15	45	827	-20	9	45	831	-30	5	34	827	-19	9	32	824	-27	8	14
15	817	-23	9	44	810	-23	12	51	820	-25	14	45	827	-21	12	45	830	-24	6	45	826	-21	7	48	823	-27	7	360
18	817	-27	10	12	809	-24	12	51	821	-24	15	38	826	-20	12	45	829	-19	9	45	824	-18	6	45	822	-30	7	360
21	817	-29	10	45	809	-24	12	45	824	-24	13	38	827	-24	10	32	829	-18	10	38	823	-18	8	45	823	-31	7	360
		DAY	29			DAY	30			DAY	31																	
00	823	-32	7	359	812	-37	4	45	795	-31	14	18																
03	824	-34	6	3	808	-33	2	52	795	-31	11	360																
06	824	-35	6	360	805	-29	3	90	798	-29	10	359																
09	823	-36	7	7	801	-25	4	90	801	-32	10	360																
12	822	-38	6	360	799	-24	5	51	803	-33	9	360																
15	821	-38	7	15	798	-25	7	37	804	-35	10	6																
18	819	-37	6	360	798	-29	8	45	805	-35	9	13																
21	816	-37	5	25	797	-30	12	37	805	-34	7	360																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.4 STD DEV = 7.4 MAX = -17.7 AT 2019 GMT ON DAY 27 MIN = -45.6 AT 904 GMT ON DAY 13
* PRESSURE (MB) * MEAN = 813.1 STD DEV = 8.0 MAX = 831.1 AT 1038 GMT ON DAY 26 MIN = 794.7 AT 130 GMT ON DAY 31
* WINDS (M/S) * MEAN = 8.3 STD DEV = 4.1 RESULTANT = 7.7 FROM 26. CONSTANCY = .92 MAX = 23.1 FROM 32. AT 736 GMT DAY 19
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.0 % PRESSURE: 2.0 % WINDS: 2.0 %

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:	1	14	17	19	15	14	7	8	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	44	13	36	0	1	0	0	0	0	0	0	0	0	0	3	3

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

JUN 83

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	-33	6	360	805	-34	5	360	801	-44	3	360	801	-41	7	360	801	-27	21	13	806	-26	11	17	794	-33	7	309
03	804	-35	6	4	805	-29	2	360	800	-45	6	360	801	-41	6	360	802	-26	19	360	802	-24	16	37	798	-36	5	357
06	805	-34	6	4	804	-30	2	360	800	-43	5	15	802	-41	6	360	803	-26	17	360	797	-23	17	45	799	-39	7	10
09	805	-33	7	360	804	-33	4	10	800	-42	8	18	803	-39	7	15	806	-26	12	360	790	-21	22	45	796	-32	12	45
12	806	-34	8	360	803	-32	3	360	800	-42	8	360	802	-36	13	18	806	-27	14	15	785	-21	22	45	793	-29	18	360
15	806	-36	7	360	803	-36	3	360	799	-43	8	360	802	-29	12	360	807	-27	13	6	782	-21	16	32	792	-28	9	1
18	806	-36	7	7	802	-42	4	360	799	-41	5	360	802	-27	17	360	808	-28	11	360	782	-24	6	360	791	-29	16	360
21	806	-35	6	360	801	-43	5	18	800	-42	7	6	801	-27	19	14	808	-29	8	360	788	-33	9	309	790	-27	6	35
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	791	-36	13	225	801	-48	8	15	786	-31	10	45	792	-40	11	360	793	-46	5	360	797	-50	4	359	804	-59	5	11
03	794	-38	10	260	800	-46	7	360	784	-32	16	44	792	-41	10	360	793	-45	4	349	799	-53	4	360	803	-58	5	360
06	797	-39	7	270	799	-46	7	24	785	-35	11	45	792	-41	9	10	792	-43	7	330	801	-52	5	360	802	-59	5	12
09	799	-41	4	314	797	-42	12	360	787	-36	13	32	792	-41	7	10	792	-45	8	347	802	-55	4	3	801	-58	5	360
12	801	-43	7	346	796	-39	12	45	788	-38	12	45	793	-43	4	360	792	-45	7	342	804	-57	5	11	801	-57	6	14
15	801	-46	6	360	794	-35	12	45	790	-39	12	28	793	-47	5	339	793	-46	7	360	805	-57	4	360	801	-57	6	360
18	802	-46	5	14	791	-33	13	39	791	-42	10	360	794	-52	3	14	794	-47	5	360	805	-58	5	360	801	-56	6	360
21	802	-47	6	360	788	-31	12	45	791	-42	12	15	793	-51	5	359	795	-49	5	353	804	-58	5	360	802	-57	7	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	802	-56	7	8	800	-50	6	360	797	-48	5	360	803	-33	7	360	811	-35	8	1	802	-33	8	360	817	-45	5	360
03	803	-55	7	10	799	-50	7	8	798	-42	4	6	804	-33	7	360	811	-33	9	360	802	-35	5	8	818	-44	6	309
06	803	-55	6	360	797	-50	6	7	798	-41	6	10	805	-31	7	359	810	-33	12	360	804	-33	4	218	819	-43	5	359
09	803	-54	6	360	796	-46	6	360	798	-43	6	10	806	-29	7	360	808	-31	13	7	806	-37	2	236	819	-41	5	360
12	803	-54	6	360	796	-42	6	330	799	-41	5	360	807	-30	6	1	806	-31	15	14	809	-41	4	270	821	-41	4	360
15	803	-53	6	3	796	-48	5	360	800	-38	5	360	808	-32	8	360	804	-28	12	6	811	-42	5	309	821	-42	4	360
18	802	-53	6	6	796	-51	5	8	800	-39	6	360	809	-35	7	360	802	-27	17	360	813	-43	5	309	821	-40	6	360
21	801	-52	7	360	797	-50	5	8	802	-33	5	360	810	-31	8	360	801	-29	11	8	816	-43	5	309	821	-39	6	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	821	-44	6	360	829	-49	7	10	826	-45	10	360	823	-42	9	360	807	-42	10	12	810	-48	10	360	809	-28	9	360
03	821	-44	5	360	X	X	X	X	825	-45	10	15	822	-40	10	32	804	-44	10	360	812	-48	9	360	809	-28	11	359
06	821	-40	8	309	X	X	X	X	825	-45	10	360	820	-39	9	20	803	-43	10	4	811	-44	12	18	812	-32	8	360
09	822	-39	5	309	X	X	X	X	824	-45	10	360	819	-40	8	22	803	-43	11	4	811	-36	14	14	815	-38	8	352
12	823	-39	4	315	X	X	X	X	824	-44	12	360	816	-38	8	45	803	-46	10	360	812	-34	9	360	818	-42	7	360
15	825	-37	3	309	X	X	X	X	824	-40	13	8	813	-39	8	45	803	-48	11	360	810	-31	12	360	820	-42	8	4
18	826	-37	4	309	X	X	X	X	824	-39	11	360	811	-40	7	28	805	-48	9	1	810	-30	13	360	819	-37	8	360
21	828	-47	4	6	X	X	X	X	824	-38	10	360	809	-40	7	45	808	-47	9	360	809	-29	15	10	817	-32	14	360
		DAY	29			DAY	30																					
00	816	-29	12	360	818	-33	0	0																				
03	814	-27	14	6	821	-36	1	360																				
06	810	-26	17	360	823	-36	2	347																				
09	809	-27	13	360	823	-46	3	360																				
12	809	-27	12	360	823	-45	3	360																				
15	809	-27	9	360	822	-46	3	360																				
18	811	-28	7	346	819	-43	8	360																				
21	814	-32	1	360	818	-43	9	11																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -39.6 STD DEV = 8.7 MAX = -20.5 AT 1552 GMT ON DAY 6 MIN = -59.4 AT 445 GMT ON DAY 14
* PRESSURE (MB) * MEAN = 804.9 STD DEV = 10.2 MAX = 829.2 AT 2227 GMT ON DAY 22 MIN = 781.4 AT 1502 GMT ON DAY 6
* WINDS (M/S) * MEAN = 8.1 STD DEV = 4.0 RESULTANT = 7.5 FROM 6. CONSTANCY = .92 MAX = 23.1 FROM 44. AT 932 GMT DAY 6
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.9 % PRESSURE: 2.9 % WINDS: 2.9 %

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	7	27	26	9	11	10	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	69	12	7	0	0	0	0	0	0	0	1	0	1	0	5	3

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

JUL 83

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	814	-41	9	360	808	-29	10	360	809	-37	8	10	807	-38	5	360	808	-43	9	360	809	-33	14	360	794	-28	14	360
03	813	-37	8	11	808	-28	7	11	809	-35	8	360	806	-35	6	14	808	-42	11	360	807	-31	14	360	794	-32	12	360
06	811	-29	8	360	808	-30	9	360	808	-36	9	14	806	-40	6	18	809	-41	11	13	805	-32	15	6	795	-31	9	360
09	809	-32	10	360	808	-31	10	360	807	-35	12	360	806	-37	8	360	810	-41	11	17	803	-32	13	11	797	-29	7	7
12	808	-31	8	360	808	-31	11	8	807	-36	10	360	806	-40	8	360	810	-39	13	360	801	-31	13	4	796	-28	13	10
15	807	-29	9	8	808	-31	10	360	807	-36	8	20	806	-41	7	15	810	-37	15	360	798	-32	14	360	796	-29	13	360
18	807	-27	6	360	808	-34	9	360	807	-38	5	360	806	-41	9	7	811	-35	12	13	796	-28	15	360	797	-29	10	360
21	807	-28	9	17	809	-36	10	360	807	-38	6	360	807	-42	9	12	810	-32	13	6	796	-28	13	13	795	-28	12	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	793	-25	15	359	789	-33	7	27	789	-29	14	45	796	-37	10	45	804	-43	7	21	805	-36	2	45	814	-37	5	360
03	793	-25	17	359	788	-31	8	27	788	-28	9	49	798	-36	10	45	804	-42	7	360	806	-36	4	48	814	-36	4	360
06	793	-27	13	360	788	-31	2	359	788	-28	10	45	801	-35	8	20	804	-44	9	15	807	-37	5	45	813	-36	5	10
09	793	-25	10	360	787	-36	6	360	786	-28	14	44	803	-40	7	22	804	-42	8	360	809	-38	5	17	812	-33	4	6
12	793	-27	9	10	787	-37	7	37	787	-30	18	45	805	-41	7	1	805	-42	5	360	811	-33	5	45	812	-33	4	360
15	792	-29	7	360	788	-37	11	11	788	-32	15	45	806	-43	8	360	805	-41	5	38	813	-35	5	37	811	-32	5	360
18	791	-28	8	27	788	-35	10	360	790	-33	15	45	806	-43	4	10	805	-39	5	45	814	-33	4	25	810	-36	7	8
21	790	-33	7	45	790	-33	9	45	793	-34	12	45	805	-42	6	360	804	-36	3	45	814	-35	5	18	809	-36	7	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	808	-40	7	360	804	-43	9	6	804	-50	7	18	803	-33	2	58	807	-43	9	360	804	-38	8	360	806	-43	7	20
03	807	-42	7	360	804	-44	9	360	803	-49	7	22	804	-34	3	59	807	-32	9	15	805	-38	7	360	807	-44	8	23
06	806	-45	7	7	805	-45	8	360	802	-47	6	22	805	-38	5	45	806	-40	9	23	805	-39	6	17	808	-42	7	27
09	805	-45	9	10	805	-45	7	360	801	-44	6	37	805	-42	5	45	805	-38	11	360	805	-43	7	21	808	-41	7	37
12	804	-44	9	11	805	-46	7	360	801	-43	6	46	806	-43	6	45	805	-38	8	360	804	-45	7	360	808	-41	6	18
15	803	-44	10	360	805	-46	7	360	801	-42	8	49	806	-45	4	58	804	-37	7	37	805	-46	7	360	808	-40	6	22
18	803	-43	10	360	805	-49	5	360	801	-38	5	45	806	-47	8	27	804	-40	7	360	805	-47	7	24	807	-37	8	45
21	803	-44	10	17	804	-48	6	12	802	-33	4	45	807	-45	8	360	804	-39	7	13	806	-46	7	360	808	-36	5	45
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	807	-38	6	45	804	-50	5	360	804	-47	9	360	790	-43	7	15	784	-30	6	315	787	-50	7	1	787	-50	6	360
03	807	-42	4	18	803	-49	6	37	804	-46	9	360	788	-40	10	360	785	-38	2	315	786	-48	8	1	787	-51	7	1
06	807	-41	3	360	802	-49	7	15	803	-47	9	360	786	-39	11	360	786	-40	3	309	786	-48	7	360	788	-50	7	3
09	806	-42	3	14	801	-48	8	13	802	-47	8	14	784	-37	11	15	786	-47	1	309	786	-46	7	360	788	-51	7	360
12	805	-45	6	360	801	-47	9	360	800	-46	8	27	783	-35	8	359	787	-49	1	315	785	-48	7	360	788	-52	6	360
15	805	-47	6	10	802	-46	8	360	797	-45	7	12	783	-27	9	309	787	-50	6	1	785	-49	7	1	789	-52	6	360
18	804	-50	6	360	802	-47	9	8	794	-44	8	37	783	-27	8	360	787	-51	7	360	786	-50	2	1	789	-51	7	4
21	804	-51	6	360	804	-47	8	360	792	-43	9	21	783	-29	6	309	787	-50	8	360	786	-51	5	360	790	-48	5	4
		DAY	29			DAY	30			DAY	31																	
00	789	-49	6	360	785	-47	7	18	786	-52	6	45																
03	789	-48	7	360	785	-47	7	45	786	-52	5	35																
06	788	-48	8	7	786	-47	7	45	786	-51	5	45																
09	788	-49	4	7	786	-48	7	35	785	-50	7	35																
12	787	-48	5	360	787	-47	6	35	785	-50	8	45																
15	786	-50	5	360	787	-48	7	45	785	-50	9	35																
18	785	-51	5	8	786	-48	7	45	786	-51	7	12																
21	785	-50	5	360	786	-52	7	35	785	-51	7	360																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -40.0 STD DEV = 7.3 MAX = -23.6 AT 153 GMT ON DAY 8 MIN = -53.0 AT 1439 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 799.4 STD DEV = 9.2 MAX = 814.5 AT 50 GMT ON DAY 1 MIN = 782.4 AT 1348 GMT ON DAY 25
* WINDS (M/S) * MEAN = 7.8 STD DEV = 2.9 RESULTANT = 7.4 FROM 12. CONSTANCY = .95 MAX = 19.0 FROM 15. AT 1722 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:	2	4	19	35	22	7	6	3	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	56	20	20	1	0	0	0	0	0	0	0	0	0	0	3	0

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

SEP 83

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	810	-44	7	360	818	-45	8	360	819	-39	6	11	817	-43	3	38	806	-47	2	55	785	-37	5	55	784	-46	7	360
03	810	-45	7	360	818	-44	9	14	819	-42	6	360	816	-44	3	45	804	-49	2	55	X	X	X	X	784	-45	7	10
06	812	-44	7	360	818	-44	7	360	819	-40	4	20	815	-45	3	45	802	-50	1	45	X	X	X	X	784	-46	7	7
09	813	-44	7	10	818	-43	9	360	818	-36	2	45	814	-40	6	38	800	-48	2	45	783	-46	3	45	784	-45	8	360
12	814	-45	7	360	818	-41	10	37	818	-41	4	38	812	-43	3	45	797	-39	0	0	783	-49	3	45	785	-46	6	360
15	816	-45	8	13	818	-42	10	360	817	-43	5	45	811	-41	3	45	793	-42	0	0	783	-49	8	13	787	-42	6	360
18	816	-45	6	8	818	-43	7	11	817	-42	6	38	810	-40	0	0	789	-40	0	0	784	-46	7	360	789	-41	8	359
21	818	-45	7	13	819	-40	5	360	816	-42	6	38	808	-45	2	55	786	-38	0	0	784	-45	5	360	791	-44	9	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	793	-43	9	360	797	-36	7	360	793	-32	15	15	798	-18	23	31	815	-19	13	46	824	-23	11	45	833	-35	6	37
03	794	-44	8	352	797	-34	8	360	797	-33	9	360	802	-18	25	32	815	-20	18	45	826	-26	10	42	835	-33	5	20
06	796	-46	6	359	797	-30	9	6	799	-29	12	360	807	-18	22	360	814	-16	20	44	827	-28	10	45	835	-36	5	45
09	796	-47	5	359	796	-27	12	7	798	-23	17	27	811	-18	17	360	815	-16	17	45	828	-28	6	32	834	-38	6	360
12	796	-46	7	360	795	-27	14	21	797	-21	17	45	815	-19	12	17	816	-17	17	45	830	-28	7	45	833	-38	5	17
15	795	-47	7	360	792	-28	16	45	798	-18	15	32	817	-20	12	45	815	-19	15	45	831	-32	5	15	832	-39	7	15
18	796	-45	7	6	792	-29	12	22	796	-17	22	37	816	-21	14	46	817	-19	16	45	832	-31	6	360	831	-37	7	360
21	796	-34	6	6	792	-30	16	17	797	-17	25	25	816	-21	13	45	819	-22	18	45	832	-31	8	22	829	-36	6	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	827	-32	7	13	808	-40	6	360	798	-26	10	360	803	-24	11	360	804	-27	9	360	805	-39	6	8	800	-33	8	360
03	825	-30	9	360	805	-41	6	360	799	-25	9	360	804	-26	8	360	804	-32	6	360	805	-42	7	360	799	-33	7	10
06	822	-28	9	360	802	-33	5	360	799	-22	11	360	804	-24	7	13	803	-34	7	360	805	-41	7	360	799	-34	6	360
09	820	-30	5	360	799	-30	2	360	800	-22	10	7	804	-22	10	23	803	-36	6	17	805	-38	9	360	801	-31	7	360
12	818	-33	5	360	798	-36	4	360	801	-23	12	360	804	-22	10	45	802	-36	7	7	804	-42	8	360	803	-25	6	360
15	815	-34	7	359	799	-35	6	360	801	-24	14	360	804	-22	12	12	803	-37	6	360	804	-41	7	11	804	-22	8	359
18	813	-34	6	359	799	-37	4	360	802	-23	15	17	804	-24	13	22	804	-39	6	360	803	-39	7	360	802	-21	11	354
21	811	-35	5	360	798	-32	9	360	803	-23	12	17	804	-24	10	21	805	-36	7	360	802	-31	7	360	797	-21	13	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	792	-17	13	330	798	-26	0	0	815	-38	2	330	807	-25	7	309	789	-27	5	360	798	-42	1	309	793	-42	7	360
03	789	-17	12	312	799	-26	0	0	815	-37	3	309	806	-26	7	323	788	-28	6	360	798	-45	0	0	792	-43	7	360
06	789	-17	19	288	801	-27	0	0	814	-40	7	349	805	-26	8	336	788	-30	3	360	798	-46	0	0	791	-42	8	360
09	790	-18	17	270	803	-31	0	0	811	-35	9	360	802	-27	7	360	789	-32	0	0	797	-45	7	17	791	-41	11	17
12	792	-20	12	309	805	-34	0	0	810	-27	9	321	800	-26	7	330	790	-32	4	309	796	-46	7	17	790	-39	10	17
15	793	-24	9	332	808	-33	1	309	809	-23	8	321	798	-26	5	353	793	-36	4	309	795	-46	7	360	789	-40	12	360
18	793	-24	8	360	811	-35	1	309	808	-22	8	314	793	-24	5	360	795	-38	3	293	794	-43	7	360	789	-38	13	360
21	795	-25	0	0	813	-37	0	0	808	-23	8	309	789	-25	8	316	796	-39	2	293	794	-42	8	17	790	-38	8	8
		DAY	29			DAY	30																					
00	791	-39	8	7	794	-40	4	15																				
03	792	-42	7	360	792	-43	4	15																				
06	793	-43	7	360	789	-48	7	360																				
09	794	-42	6	360	785	-46	9	360																				
12	795	-42	6	10	781	-42	8	360																				
15	795	-44	5	15	777	-31	9	8																				
18	795	-41	2	360	775	-26	10	340																				
21	795	-39	2	360	776	-25	8	309																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -34.1 STD DEV = 9.2 MAX = -15.2 AT 945 GMT ON DAY 12 MIN = -51.1 AT 633 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 803.5 STD DEV = 12.7 MAX = 834.5 AT 155 GMT ON DAY 14 MIN = 774.3 AT 1741 GMT ON DAY 30
* WINDS (M/S) * MEAN = 7.8 STD DEV = 4.7 RESULTANT = 7.0 FROM 9. CONSTANCY = .90 MAX = 30.6 FROM 27. AT 154 GMT DAY 11
* 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:	8	11	13	30	16	7	5	3	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	53	17	18	0	0	0	0	0	0	0	0	0	0	1	7	3

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

OCT 83

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	779	-28	6	309	797	-46	2	309	783	-27	7	346	789	-34	2	282	791	-40	7	360	782	-31	9	14	782	-34	13	20
03	780	-31	5	336	798	-48	3	315	781	-27	8	360	793	-41	1	288	790	-35	7	360	781	-34	8	360	783	-35	13	360
06	782	-39	4	357	798	-57	6	3	780	-27	8	11	795	-43	0	0	789	-33	7	359	781	-37	10	15	784	-35	13	360
09	783	-37	7	315	796	-55	8	8	779	-31	11	360	796	-43	1	288	788	-33	6	360	781	-40	12	15	785	-36	12	15
12	785	-39	6	360	792	-47	10	360	779	-33	10	1	796	-46	0	0	786	-32	7	11	781	-39	10	21	785	-34	15	21
15	787	-40	6	339	786	-37	14	360	780	-35	9	360	794	-46	6	4	784	-31	6	360	780	-36	12	37	786	-32	13	21
18	790	-43	3	309	782	-31	16	360	783	-35	7	360	793	-44	7	360	784	-34	5	13	781	-35	13	360	785	-31	10	45
21	794	-44	1	314	783	-25	8	309	786	-34	3	346	792	-42	7	7	783	-31	8	360	781	-34	14	14	784	-30	13	31
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	782	-30	10	31	777	-30	10	24	776	-30	17	45	774	-38	19	45	783	-28	9	45	786	-35	13	45	795	-38	8	35
03	779	-30	11	34	778	-35	10	27	775	-30	16	52	775	-40	16	45	783	-30	14	45	786	-38	12	45	796	-40	8	35
06	776	-29	13	45	778	-37	10	45	772	-28	18	53	778	-42	12	35	783	-31	17	56	787	-38	13	45	797	-40	5	45
09	776	-32	9	360	779	-36	13	45	770	-27	15	54	780	-43	12	27	783	-33	16	51	789	-40	8	31	798	-38	4	45
12	777	-32	10	24	779	-36	16	45	767	-24	16	90	782	-44	11	45	784	-35	13	46	791	-43	10	35	797	-40	5	44
15	777	-28	12	23	778	-34	16	27	768	-32	11	44	784	-45	8	45	785	-35	13	45	791	-42	10	32	797	-39	6	45
18	777	-29	12	45	778	-33	16	30	769	-38	14	45	785	-40	5	39	786	-34	13	45	792	-40	9	45	797	-34	7	53
21	777	-29	10	12	778	-32	16	45	772	-38	15	38	784	-35	2	39	786	-34	12	53	793	-38	9	45	797	-31	9	45
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	797	-34	9	63	804	-24	17	58	811	-24	12	45	806	-23	19	39	808	-21	20	45	813	-26	3	309	815	-24	12	360
03	797	-36	10	45	805	-25	18	54	811	-24	12	66	807	-24	19	41	809	-21	20	42	816	-33	1	309	815	-26	9	360
06	797	-37	10	56	807	-24	19	45	810	-24	13	45	809	-26	16	45	809	-22	17	42	817	-38	1	325	814	-28	7	360
09	797	-33	13	45	809	-24	18	66	809	-24	14	45	811	-26	13	45	809	-22	15	45	819	-40	5	360	813	-29	7	359
12	797	-30	15	52	809	-24	20	45	808	-27	16	62	811	-24	14	45	808	-21	17	45	818	-37	5	22	811	-29	9	356
15	799	-29	14	45	811	-27	20	65	807	-24	16	55	811	-25	12	68	808	-21	17	32	817	-28	8	360	809	-27	8	360
18	802	-27	14	45	811	-26	15	54	806	-22	18	45	809	-22	19	42	809	-21	13	30	816	-24	12	360	808	-25	9	360
21	803	-25	15	53	811	-27	11	45	806	-22	18	45	809	-22	16	45	810	-21	9	360	816	-24	12	359	806	-23	7	357
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	803	-22	8	359	800	-19	7	360	808	-22	9	10	803	-23	8	360	798	-27	2	45	794	-28	4	357	798	-26	3	360
03	801	-22	10	360	802	-22	9	359	808	-26	8	360	803	-25	7	20	797	-30	3	31	794	-30	2	360	798	-25	3	350
06	798	-21	11	360	803	-25	9	360	807	-27	10	17	803	-27	6	360	796	-34	3	45	795	-33	2	357	799	-26	3	360
09	797	-19	12	359	804	-26	10	360	807	-28	8	45	803	-28	5	14	795	-37	6	360	795	-34	3	360	798	-27	3	346
12	797	-17	10	347	806	-27	9	17	806	-28	6	22	802	-28	6	360	794	-35	8	3	796	-34	4	360	797	-29	5	360
15	797	-18	10	356	807	-27	11	360	804	-27	6	21	801	-30	4	23	793	-33	6	360	796	-32	4	359	796	-26	6	360
18	799	-18	9	360	807	-24	9	7	804	-24	8	12	800	-24	4	45	793	-29	7	360	797	-30	5	360	795	-27	6	360
21	799	-18	10	360	808	-22	10	360	804	-24	6	360	799	-25	3	45	793	-28	6	360	798	-27	4	360	794	-29	9	10
		DAY	29			DAY	30			DAY	31																	
00	794	-29	7	360	792	-28	10	360	798	-27	9	360																
03	793	-32	7	360	793	-30	7	360	799	-29	8	360																
06	793	-34	7	15	793	-30	11	360	800	-33	7	360																
09	792	-36	8	20	794	-33	9	360	800	-35	8	4																
12	792	-37	8	360	795	-31	11	360	801	-36	5	6																
15	792	-34	10	360	796	-30	10	360	802	-33	6	360																
18	792	-32	11	7	796	-28	13	360	802	-31	6	360																
21	793	-30	12	13	797	-27	12	360	803	-29	7	17																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -31.1 STD DEV = 6.8 MAX = -17.3 AT 1158 GMT ON DAY 22 MIN = -57.1 AT 611 GMT ON DAY 2
* PRESSURE (MB) * MEAN = 794.5 STD DEV = 11.6 MAX = 818.9 AT 958 GMT ON DAY 20 MIN = 766.9 AT 1254 GMT ON DAY 10
* WINDS (M/S) * MEAN = 9.7 STD DEV = 4.5 RESULTANT = 8.8 FROM 25. CONSTANCY = .91 MAX = 22.7 FROM 60. AT 1146 GMT DAY 16
* 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:	4	7	12	17	16	13	15	7	6	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	41	15	33	3	0	0	0	0	0	0	0	0	0	1	4	2

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

NOV 83

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	803	-29	6	360	804	-22	9	3	796	-24	2	360	792	-25	13	360	790	-23	9	20	793	-19	10	45	797	-20	8	45
03	803	-31	7	17	803	-25	8	3	795	-27	5	4	791	-26	16	360	790	-23	10	360	794	-21	10	28	797	-23	8	45
06	804	-34	9	360	803	-27	8	13	794	-30	9	360	790	-26	17	15	790	-23	13	360	795	-22	7	22	797	-27	8	27
09	804	-35	7	360	802	-28	8	360	794	-32	10	21	790	-27	13	360	790	-24	13	24	796	-25	7	32	797	-29	8	45
12	805	-36	9	360	801	-27	9	360	793	-33	11	360	790	-27	10	7	791	-25	11	45	797	-27	6	360	798	-29	7	30
15	806	-32	7	360	800	-29	10	10	793	-30	13	360	790	-26	12	360	791	-24	10	21	797	-24	8	37	798	-26	10	45
18	806	-25	7	360	799	-24	6	10	792	-28	12	6	790	-23	11	17	792	-22	11	45	797	-22	8	18	798	-23	11	24
21	805	-23	9	360	797	-23	4	360	792	-26	12	7	790	-22	10	360	792	-20	11	32	797	-20	7	35	799	-22	9	42
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	799	-21	7	42	802	-20	11	32	798	-24	5	24	802	-23	8	24	806	-23	12	37	806	-22	14	360	806	-20	6	25
03	799	-23	7	45	802	-23	8	45	798	-27	5	24	803	-25	5	24	806	-23	12	18	806	-23	14	37	806	-22	6	45
06	800	-24	9	45	801	-26	7	45	798	-30	3	45	804	-27	6	24	806	-23	11	21	807	-27	7	32	806	-26	6	45
09	801	-22	13	35	801	-26	7	45	798	-29	3	45	805	-29	9	45	806	-24	12	17	806	-24	8	27	806	-29	7	25
12	801	-22	12	25	800	-28	7	30	798	-28	5	24	806	-30	7	45	806	-25	12	360	806	-22	11	27	807	-26	8	25
15	802	-22	11	45	799	-28	7	42	799	-28	8	24	805	-29	6	24	806	-24	16	14	806	-23	10	360	808	-23	9	45
18	803	-22	9	37	798	-27	7	45	800	-27	9	45	806	-26	12	21	806	-23	13	24	806	-22	10	15	807	-22	9	45
21	803	-21	12	30	798	-25	8	45	801	-24	9	45	806	-23	10	37	806	-22	12	23	806	-21	7	360	808	-19	9	56
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	807	-19	13	45	811	-18	8	45	810	-18	0	0	805	-19	6	360	813	-19	0	0	809	-20	3	309	796	-18	13	360
03	808	-19	12	39	810	-18	6	360	810	-20	0	0	805	-20	5	360	814	-19	0	0	808	-21	5	328	796	-17	19	360
06	808	-20	12	45	810	-18	8	15	810	-20	0	0	806	-24	5	360	813	-22	0	0	806	-25	1	309	796	-18	14	360
09	809	-21	11	37	809	-22	6	360	809	-21	0	0	806	-26	6	360	813	-28	1	309	804	-27	2	309	797	-19	13	360
12	810	-23	12	45	809	-24	5	359	808	-24	1	339	808	-24	7	359	812	-28	1	328	802	-26	9	37	798	-19	11	360
15	810	-21	10	14	810	-26	7	360	807	-25	5	360	809	-24	6	360	811	-26	5	328	800	-23	10	23	800	-20	12	360
18	811	-20	10	360	810	-23	4	339	806	-20	7	360	810	-22	4	309	810	-24	5	309	798	-20	11	27	800	-19	10	1
21	811	-18	9	27	810	-21	1	360	805	-18	7	4	812	-20	3	309	810	-21	3	309	796	-18	14	360	801	-19	10	4
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	801	-19	10	360	805	-21	7	339	809	-21	5	360	798	-21	10	1	804	-17	10	11	805	-15	8	360	806	-16	6	7
03	800	-19	7	360	806	-21	4	270	809	-23	4	360	797	-22	11	3	805	-18	8	360	805	-17	7	7	805	-16	5	15
06	800	-21	3	350	807	-23	4	309	808	-27	4	360	797	-23	7	360	805	-22	6	17	805	-18	7	360	805	-21	5	17
09	801	-24	4	14	808	-25	5	314	808	-30	5	360	798	-24	10	360	805	-23	6	360	805	-20	7	3	805	-23	5	12
12	802	-25	3	360	809	-25	4	354	806	-29	4	21	799	-24	9	359	806	-24	5	360	805	-19	7	360	805	-23	5	360
15	802	-23	5	309	809	-24	5	360	804	-26	8	41	801	-21	9	360	805	-20	6	1	805	-18	7	6	805	-21	5	1
18	803	-22	5	309	809	-22	5	349	802	-26	10	360	802	-19	8	360	805	-17	7	360	805	-17	7	360	805	-17	4	360
21	804	-21	6	329	809	-21	6	346	799	-23	10	360	804	-17	8	360	805	-15	8	3	806	-16	7	360	805	-15	3	360
		DAY	29			DAY	30																					
00	805	-15	1	360	807	-16	2	360																				
03	805	-16	2	35	808	-19	3	360																				
06	805	-18	2	35	X	X	X	X																				
09	805	-18	1	45	809	-19	7	7																				
12	806	-19	2	22	810	-20	9	360																				
15	806	-18	3	17	811	-22	10	360																				
18	806	-17	3	31	812	-22	10	357																				
21	807	-16	3	360	813	-21	7	350																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -22.8 STD DEV = 4.0 MAX = -14.8 AT 2140 GMT ON DAY 26 MIN = -35.7 AT 1251 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 803.0 STD DEV = 5.7 MAX = 813.8 AT 247 GMT ON DAY 19 MIN = 789.6 AT 413 GMT ON DAY 5
* WINDS (M/S) * MEAN = 7.6 STD DEV = 3.5 RESULTANT = 7.1 FROM 14. CONSTANCY = .94 MAX = 19.0 FROM 360. AT 238 GMT DAY 21
* 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:	6	9	18	25	17	14	9	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	47	24	20	0	0	0	0	0	0	0	0	0	0	0	5	3

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

DEC 83

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	814	-20	7	353	813	-15	10	360	812	-11	4	342	812	-12	2	191	817	-18	7	180	812	-22	4	180	808	-21	3	158
03	814	-19	4	360	813	-15	8	360	811	-11	3	360	812	-14	2	191	816	-19	4	176	811	-22	3	191	808	-22	4	180
06	815	-22	6	13	813	-16	7	360	811	-12	0	0	812	-16	2	180	817	-23	3	186	810	-23	0	0	808	-24	5	200
09	815	-25	5	17	813	-16	8	360	811	-12	0	0	813	-19	1	180	816	-26	3	180	810	-23	0	0	808	-25	4	218
12	815	-21	6	37	812	-17	10	354	811	-12	0	0	814	-20	1	188	816	-26	5	180	809	-22	0	0	808	-25	3	188
15	814	-17	9	360	812	-15	8	360	811	-12	2	240	815	-19	3	188	815	-24	4	191	808	-21	0	0	808	-21	1	180
18	814	-15	11	360	812	-13	7	360	811	-12	3	225	816	-17	5	160	814	-23	5	189	808	-21	2	156	809	-21	6	41
21	813	-15	10	360	812	-12	7	333	812	-12	3	225	816	-17	5	180	813	-23	4	180	808	-20	2	180	810	-19	4	45
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	811	-17	0	0	813	-20	5	360	810	-15	11	37	807	-15	11	35	811	-13	21	46	819	-9	12	53	816	-11	8	45
03	811	-17	0	0	813	-20	5	20	809	-16	10	22	808	-15	11	45	813	-12	17	45	818	-11	11	56	816	-11	8	42
06	812	-16	0	0	813	-21	6	11	808	-18	9	31	809	-15	10	45	816	-12	13	45	819	-13	7	45	816	-13	7	38
09	812	-22	1	276	813	-23	6	7	807	-19	11	42	810	-16	10	45	818	-13	11	45	819	-13	8	45	815	-15	8	360
12	813	-26	4	360	813	-21	6	360	807	-18	9	49	811	-15	12	45	818	-13	14	45	818	-13	9	45	816	-14	6	360
15	813	-24	5	21	813	-18	8	360	806	-16	10	45	811	-15	14	45	819	-11	12	52	818	-13	8	52	815	-13	5	4
18	813	-21	4	360	812	-16	8	10	806	-15	13	45	810	-14	15	45	819	-11	13	45	817	-12	7	56	815	-11	6	360
21	813	-21	4	4	811	-15	8	14,	807	-15	10	32	810	-13	18	39	819	-9	10	45	817	-11	10	45	815	-11	5	356
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	815	-11	4	360	812	-9	3	225	810	-10	2	255	814	-14	5	330	816	-12	1	270	815	-13	1	174	814	-15	4	34
03	814	-11	2	349	811	-10	4	225	810	-11	4	270	814	-13	4	322	816	-11	0	0	815	-14	0	0	813	-17	3	45
06	814	-12	2	353	811	-10	3	224	810	-11	4	225	815	-13	1	270	816	-13	0	0	815	-15	2	90	813	-21	3	37
09	814	-13	3	322	811	-10	3	225	811	-12	2	219	815	-13	0	0	816	-14	0	0	815	-17	2	27	813	-24	3	360
12	813	-12	1	309	810	-10	3	231	812	-12	2	231	815	-13	0	0	816	-14	1	300	815	-19	6	14	813	-24	4	13
15	813	-11	0	0	810	-10	3	270	812	-12	1	270	815	-12	0	0	816	-15	2	189	814	-17	5	360	814	-21	3	15
18	812	-9	4	240	810	-10	4	291	813	-12	2	309	815	-11	0	0	816	-14	2	180	814	-16	4	360	814	-17	2	360
21	812	-9	4	212	810	-11	5	270	814	-13	3	322	816	-13	3	250	815	-13	1	136	814	-15	5	23	815	-14	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	815	-15	1	218	822	-16	3	206	817	-18	5	141	815	-14	3	45	814	-15	5	44	808	-14	9	45	810	-14	13	8
03	815	-17	1	204	822	-16	5	191	817	-19	5	180	815	-14	3	135	813	-16	3	45	807	-15	8	18	809	-14	10	360
06	816	-19	1	189	821	-17	3	214	816	-21	5	156	815	-16	8	63	811	-18	3	45	808	-15	8	45	809	-16	9	17
09	817	-24	4	180	821	-18	2	180	816	-21	7	172	816	-18	5	53	810	-19	5	44	808	-15	6	360	809	-17	9	360
12	X	X	X	X	820	-17	1	141	815	-21	7	180	816	-18	6	46	809	-18	7	45	809	-15	9	13	809	-16	9	8
15	X	X	X	X	819	-15	0	0	815	-19	8	180	816	-18	5	45	808	-17	4	14	809	-16	10	360	809	-15	10	360
18	X	X	X	X	818	-17	2	179	815	-16	4	77	815	-16	6	45	808	-15	9	45	810	-14	11	15	808	-15	14	10
21	821	-16	6	180	817	-15	1	170	815	-16	5	143	815	-15	5	30	808	-14	10	27	810	-14	11	360	809	-14	14	360
		DAY	29			DAY	30			DAY	31																	
00	809	-15	13	4	812	-14	9	360	815	-13	6	360																
03	809	-15	12	45	812	-14	8	7	815	-13	5	360																
06	808	-16	13	22	813	-15	8	360	815	-14	3	359																
09	809	-16	10	13	813	-17	8	360	815	-17	3	360																
12	810	-16	11	360	814	-17	8	15	815	-15	0	0																
15	810	-16	10	11	814	-16	8	10	815	-13	0	0																
18	811	-15	11	360	815	-15	8	360	816	-12	2	211																
21	811	-14	11	360	815	-14	7	360	816	-13	3	225																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -15.7 STD DEV = 3.9 MAX = -8.5 AT 2036 GMT ON DAY 15 MIN = -26.5 AT 1032 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 813.0 STD DEV = 3.3 MAX = 821.8 AT 48 GMT ON DAY 23 MIN = 805.8 AT 1534 GMT ON DAY 10
* WINDS (M/S) * MEAN = 5.6 STD DEV = 4.0 RESULTANT = 3.5 FROM 24. CONSTANCY = .62 MAX = 21.3 FROM 46. AT 5 GMT DAY 12
* 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:	19	23	19	12	10	10	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	27	10	23	1	0	0	2	2	16	2	6	2	3	1	2	1

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

JAN 83

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	998	-4	0	0	992	-4	2	18	989	-8	4	266	978	-3	1	174	978	-5	6	307	986	-2	6	236	996	-2	6	249
03	997	-3	0	0	990	6	0	0	988	-7	3	285	978	2	1	315	976	-3	3	329	988	-2	6	245	995	-1	4	260
06	996	-4	0	0	989	-2	1	297	986	-6	3	295	977	-1	3	271	975	-2	2	325	989	-2	4	287	995	-1	2	259
09	995	-5	0	0	989	-6	2	264	984	-7	3	301	977	-4	3	288	975	-3	5	294	990	-1	5	256	994	-3	1	235
12	994	-6	0	0	989	-9	1	179	983	-7	2	295	978	-7	4	301	975	-1	7	287	992	-2	9	271	994	-4	0	0
15	993	-7	1	231	989	-8	2	270	981	-6	3	308	978	-6	6	295	977	-3	4	276	993	-2	7	263	994	-8	2	127
18	993	-10	1	288	989	-9	5	290	980	-5	2	301	979	-5	7	222	980	-3	4	263	994	-2	8	243	994	-4	4	104
21	992	-6	0	0	989	-8	5	287	979	-3	2	290	979	-6	6	236	983	-2	6	203	995	-2	5	240	995	-3	2	145
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	995	-2	1	200	994	-2	5	263	990	-6	3	236	991	-5	1	231	989	-6	4	195	980	-5	2	195	982	-9	9	240
03	994	-2	1	233	994	-3	3	293	989	-4	2	273	991	-4	5	269	987	-4	2	62	978	-5	1	179	979	X	6	298
06	994	-3	2	274	993	1	0	0	989	-6	3	281	991	-6	4	307	986	-4	2	145	977	-8	2	264	984	-8	6	287
09	994	-4	3	239	992	-3	0	0	989	-9	3	293	991	-6	3	315	984	-5	5	53	976	-11	2	249	985	-7	5	307
12	995	-5	2	307	991	-8	2	49	990	-11	4	308	991	-6	4	302	983	-8	2	63	977	-12	5	197	986	-6	4	294
15	995	-6	3	293	990	-6	2	3	990	-12	2	309	990	-5	2	271	981	-11	2	75	977	-11	5	278	986	-7	4	298
18	995	-6	4	300	990	-5	0	0	990	-9	2	290	990	-7	2	294	980	-12	2	212	979	-12	6	301	986	-10	2	300
21	995	-4	4	314	990	-5	3	300	991	-7	1	266	989	-7	2	239	980	-7	2	159	980	-9	7	257	986	-9	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	985	-8	4	110	983	-9	2	252	988	-6	1	278	984	-3	2	30	983	-4	1	262	989	-6	2	200	996	-11	3	55
03	983	-7	6	60	984	-8	3	290	987	-4	2	277	982	-3	2	111	984	-4	2	257	989	-5	2	318	995	-9	4	48
06	981	-7	2	284	985	-8	4	274	986	-5	1	65	981	-1	2	30	984	-6	3	295	990	-5	3	302	994	-8	6	63
09	980	-9	1	283	986	-8	6	293	984	-6	1	345	980	-4	2	321	984	-8	2	312	991	-9	2	283	993	-9	2	347
12	979	-12	1	278	987	-9	5	309	984	-12	1	339	981	-5	2	309	985	-12	3	300	992	-13	2	319	993	-14	4	304
15	979	-13	1	302	988	-8	7	307	983	-8	1	6	981	-9	0	0	986	-11	0	0	993	-14	0	0	992	-14	2	295
18	980	-11	3	273	989	-7	4	307	984	-12	2	323	981	-10	1	146	987	-10	1	332	995	-14	0	0	992	-14	2	301
21	981	-10	3	304	989	-7	2	249	984	-8	1	309	982	-9	1	352	988	-8	0	0	996	-12	0	0	992	-14	1	243
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	992	-10	0	0	993	-9	6	248	986	-8	0	0	979	-9	1	83	986	-7	0	0	996	-7	4	256	999	-10	2	76
03	991	-9	1	267	992	-8	6	238	985	-7	1	58	978	-6	2	75	986	-6	2	305	996	-6	3	264	998	-9	3	65
06	991	-9	2	207	992	-8	7	248	984	-8	2	69	978	-7	3	66	987	-7	2	307	996	-6	2	210	997	-8	2	82
09	992	-12	2	176	991	-8	4	248	983	-9	0	0	978	-10	2	330	988	-11	3	315	996	-9	1	124	996	-10	1	360
12	994	-13	3	236	990	-14	2	266	981	-15	2	278	979	-10	1	347	989	-10	2	302	996	-11	4	68	996	-11	2	319
15	994	-13	5	300	988	-14	2	308	981	-15	0	0	981	-16	2	288	990	-11	2	290	997	-12	3	46	996	-12	1	300
18	994	-12	4	288	988	-16	1	266	980	-15	0	0	982	-16	3	285	992	-9	2	305	998	-12	4	353	995	-12	2	285
21	994	-12	6	298	987	-12	1	295	980	-11	1	162	984	-11	2	294	994	-7	6	280	999	-10	3	63	995	-9	0	0
		DAY	29			DAY	30			DAY	31																	
00	995	-8	0	0	999	-14	5	302	995	-12	2	103																
03	995	-5	0	0	998	-12	3	283	995	-13	2	120																
06	994	-7	2	100	997	-11	1	236	995	-12	2	108																
09	995	-6	0	0	996	-13	0	0	995	-12	4	111																
12	996	-8	4	231	995	-16	2	94	996	-13	3	94																
15	997	-14	3	243	995	-14	5	103	997	-13	0	0																
18	998	-13	3	249	995	-14	3	87	998	-13	1	156																
21	999	-14	6	278	995	-13	1	103	999	-12	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -7.7 STD DEV = 3.9 MAX = 6.0 AT 251 GMT ON DAY 2 MIN = -16.7 AT 1435 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 988.4 STD DEV = 6.4 MAX = 999.8 AT 2352 GMT ON DAY 31 MIN = 975.1 AT 605 GMT ON DAY 5
* WINDS (M/S) * MEAN = 2.7 STD DEV = 1.9 RESULTANT = 1.5 FROM 282. CONSTANCY = .55 MAX = 9.8 FROM 273 AT 1213 GMT DAY 6
* 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:	43	33	17	5	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	2	1	2	6	3	4	2	1	2	4	5	10	15	25	13	3

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

FEB 83

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	1000	-8	2	131	1004	-14	4	245	1002	-9	0	0	996	-9	1	176	1005	-11	2	274	999	-15	0	0	1006	-17	1	297
03	1000	-8	0	0	1003	-14	3	283	1000	-6	0	0	995	-10	0	0	1005	-11	2	233	999	-9	0	0	1006	-13	1	224
06	1000	-11	2	155	1002	-13	3	293	1000	-9	0	0	995	-12	1	179	1005	-13	0	0	1000	-14	5	291	1006	-16	1	141
09	1000	-13	2	163	1002	-13	2	256	999	-11	0	0	995	-16	1	232	1005	-14	0	0	1001	-17	3	218	1005	-18	1	97
12	1001	-15	2	218	1002	-18	3	312	998	-17	1	111	997	-18	2	330	1004	-18	0	0	1003	-18	3	217	1005	-21	1	18
15	1002	-14	2	184	1002	-18	2	308	996	-20	0	0	999	-18	4	297	1004	-22	1	288	1004	-21	5	295	1004	-21	2	89
18	1003	-14	3	240	1002	X	2	249	996	-22	2	307	1001	-18	3	266	1002	-21	1	191	1005	-22	2	278	1003	-18	2	62
21	1003	-13	2	204	1002	-13	1	59	996	-14	1	10	1003	-15	2	298	1001	-17	0	0	1006	-20	1	293	1002	-16	1	23
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	1002	-13	5	55	1002	-17	0	0	1003	-11	4	278	993	-8	0	0	980	-12	6	301	987	-15	5	300	993	-15	1	110
03	1001	-13	2	72	1002	-14	2	270	1002	-10	4	276	990	-9	3	277	979	-12	6	294	989	-14	3	281	993	-17	1	360
06	1000	-13	2	80	1002	-15	2	314	1003	-9	5	257	987	-9	2	333	980	-16	2	252	990	-14	4	276	992	-18	4	308
09	1000	-14	2	134	1002	-16	3	274	1001	-13	3	308	985	-9	2	24	981	-20	2	249	992	-15	6	304	992	-19	0	0
12	1000	-14	3	305	1002	-17	3	314	1000	-14	3	340	983	-15	3	84	982	-22	4	293	993	-15	4	302	992	-22	2	298
15	1001	-16	3	295	1002	-19	3	262	998	-18	0	0	981	-12	7	180	984	-26	3	287	993	-21	2	316	992	-21	1	246
18	1001	-16	2	276	1003	X	7	238	996	-8	1	96	981	-10	1	314	985	-24	6	304	993	-19	3	359	992	-17	2	217
21	1001	-14	2	278	1003	-14	3	273	994	-10	0	0	980	-14	4	298	986	-16	5	301	993	-19	2	75	992	-15	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	993	-14	1	291	990	-14	2	267	989	-16	1	249	985	-17	6	284	981	-19	4	55	983	-20	2	233	987	-26	7	295
03	992	-14	1	259	990	-14	5	281	988	-17	1	304	984	-16	7	233	981	-18	1	308	982	-19	2	285	987	-25	7	298
06	992	-15	2	263	989	-14	5	290	988	-17	2	319	984	-15	5	308	981	-20	3	277	981	-21	1	288	987	-25	4	287
09	992	15	1	274	988	-15	6	278	988	-17	1	356	984	-17	4	298	981	-20	2	250	981	-21	2	39	987	-25	5	302
12	991	-15	2	255	988	-17	3	287	987	-30	2	298	983	-26	1	288	982	-21	1	236	982	-26	0	0	986	-19	4	305
15	991	-15	2	242	988	-16	2	283	987	-21	3	280	982	-26	5	66	982	-22	2	264	983	-34	2	240	986	-19	3	288
18	991	-15	2	276	988	-24	3	246	986	-28	4	276	981	-23	3	44	982	-23	2	294	984	-28	2	240	986	-23	4	240
21	991	-15	3	243	988	-18	6	240	986	-22	5	293	981	-23	2	39	982	-20	1	257	986	-28	3	295	986	-19	4	278
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	986	-20	4	285	982	-20	1	354	985	-24	0	0	998	-20	7	283	990	-18	2	195	990	-22	6	290	988	-27	2	283
03	986	-18	5	291	982	-21	1	273	986	-19	2	228	998	-19	6	278	989	-18	2	211	990	-20	6	239	988	-27	3	298
06	985	-18	4	276	981	-24	1	15	988	-20	2	280	997	-18	6	285	988	-19	2	281	991	-20	6	270	987	-28	3	288
09	985	-23	5	301	981	-23	0	0	990	-19	3	287	996	-18	6	285	988	-21	3	295	990	-23	5	295	986	-30	2	290
12	984	-24	3	304	981	-26	2	340	993	-19	3	267	995	-18	4	281	987	-20	2	252	990	-25	4	285	985	-31	5	290
15	984	-29	3	284	982	-33	1	298	994	-18	5	294	994	-20	3	295	988	-21	5	252	989	-27	2	267	984	-35	3	294
18	983	-27	2	27	982	-31	1	129	996	-19	6	294	993	-19	2	304	989	-22	5	257	988	-29	2	287	983	-34	4	300
21	982	-24	2	62	983	-27	0	0	998	-20	6	271	992	-18	2	205	989	-23	6	280	988	-26	3	288	982	-31	2	305

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -18.3 STD DEV = 5.6 MAX = -6.4 AT 302 GMT ON DAY 3 MIN = -35.4 AT 1440 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 992.2 STD DEV = 7.9 MAX =1006.4 AT 147 GMT ON DAY 7 MIN = 979.1 AT 439 GMT ON DAY 12
* WINDS (M/S) * MEAN = 2.7 STD DEV = 1.8 RESULTANT = 2.0 FROM 283. CONSTANCY = .72 MAX = 8.9 FROM 66. AT 1711 GMT DAY 18
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .9 % 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	38	16	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	2	2	2	3	2	1	2	1	2	2	5	12	18	31	10	2

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

MAR 83

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	980	-27	2	314	978	-23	6	45	994	-19	10	246	999	-16	2	300	994	-23	2	132	988	-25	3	229	977	-19	5	224
03	979	-25	2	329	979	-20	4	48	995	-18	12	249	998	-15	2	63	994	-23	3	288	986	-24	2	18	980	-23	10	248
06	977	-26	1	15	980	-24	2	311	995	-15	7	232	997	-19	4	94	994	-23	1	285	984	-26	3	288	982	-27	7	242
09	976	-28	3	39	982	-26	0	0	997	-16	7	233	996	-23	0	0	994	-28	3	293	982	-25	5	301	984	-26	7	298
12	977	X	1	6	984	-29	3	312	998	-16	4	249	995	-28	0	0	993	-29	3	314	981	-24	6	308	985	-25	8	277
15	977	-32	2	309	987	-22	6	277	999	-18	3	266	995	-31	0	0	991	-29	2	224	979	-21	6	301	985	-26	3	271
18	977	-29	1	278	989	-19	7	280	999	-17	5	287	995	-26	4	91	991	-36	4	318	977	-22	6	295	985	X	4	281
21	978	-26	0	0	991	-18	8	242	1000	-15	5	274	994	-23	5	117	989	-33	1	267	977	-22	6	257	984	-23	3	308
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	984	-22	1	48	980	-14	4	257	979	-18	5	256	969	-14	4	305	988	-28	8	269	983	-20	4	264	980	-26	2	233
03	984	-17	4	293	979	-13	6	238	979	-16	4	271	968	-13	4	316	987	-27	8	246	982	-20	4	266	979	-26	3	229
06	984	-17	6	280	980	-15	6	243	977	-18	6	293	967	-12	5	332	987	-26	7	239	982	-20	5	267	979	-29	2	274
09	983	-17	5	294	980	-20	4	300	976	-17	4	288	967	-12	5	325	987	-25	8	246	982	-23	4	259	979	-28	6	290
12	982	-20	4	293	979	-19	2	314	975	-20	4	294	969	-17	9	240	987	-24	9	236	982	-25	5	205	979	-26	7	298
15	982	-16	7	264	979	-20	2	217	973	-20	4	314	978	-24	8	225	987	-24	7	242	981	-27	2	288	977	-23	4	285
18	981	-17	6	273	979	-18	2	257	971	-20	3	294	985	-30	11	256	987	-22	5	263	980	-29	1	246	976	-18	8	215
21	980	-17	8	255	979	-17	4	319	970	-16	3	290	987	-30	8	252	984	-23	3	245	980	-30	3	295	976	-19	6	207
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	976	-20	5	257	975	-24	5	284	978	-21	7	277	974	-22	1	212	978	-27	4	280	970	-28	3	58	973	-24	8	308
03	976	-23	2	325	975	-16	9	245	977	-20	8	224	973	-21	0	0	977	-28	2	250	969	-29	4	31	974	-21	7	295
06	975	-24	1	281	975	-15	10	240	978	-23	6	252	973	-22	2	278	976	-31	3	285	968	-33	0	0	975	-26	3	280
09	975	-24	1	45	976	-17	9	218	977	-21	8	283	975	-23	7	231	975	-35	2	15	968	-36	0	0	976	-28	2	257
12	974	-28	3	62	978	-20	6	221	977	-21	5	291	978	-24	5	281	974	-32	2	55	969	-34	3	257	977	-29	0	0
15	974	-28	4	60	978	-21	6	256	977	-21	4	273	979	-22	6	276	974	-34	3	352	969	-29	8	300	978	-29	3	290
18	975	-31	4	284	979	-21	6	255	975	-21	2	293	980	-28	5	291	973	-37	2	307	970	-26	7	288	978	-30	0	0
21	975	-29	4	297	978	-23	6	240	974	-21	0	0	979	-30	6	307	971	-32	2	37	971	-25	7	295	979	-31	2	82
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	980	-29	3	94	985	-35	1	278	987	-26	2	260	1000	-28	0	0	998	-33	2	297	1003	-35	7	267	990	-33	7	284
03	980	-28	4	66	985	-33	0	0	989	-26	1	198	1000	-32	2	59	997	-32	3	281	1003	-35	8	269	989	-33	7	239
06	981	-30	2	3	984	-31	5	84	992	-30	3	266	999	-31	1	11	998	-34	3	280	1001	-35	7	271	986	-30	10	269
09	982	-33	0	0	983	-29	2	73	994	-29	2	291	999	-35	2	316	999	-35	3	285	1000	-35	7	270	985	-32	7	274
12	982	-33	0	0	983	-28	5	307	996	-29	1	280	998	-31	0	0	1000	-36	4	284	998	-35	6	280	985	-27	8	239
15	983	-35	0	0	983	-28	7	293	997	-29	3	193	998	-32	1	200	1001	-35	6	281	995	-36	6	285	985	-26	8	250
18	984	-37	1	346	985	-28	6	311	998	-29	0	0	997	-31	0	0	1003	-35	6	267	994	-35	6	283	984	-28	7	277
21	985	-35	3	298	986	-26	1	307	999	-30	1	80	997	-36	1	287	1004	-36	8	283	992	-35	7	288	985	-29	7	273
		DAY	29			DAY	30			DAY	31																	
00	984	-21	9	256	984	-11	13	231	992	-17	13	224																
03	984	-17	8	260	985	-13	12	235	994	-18	8	238																
06	982	-16	17	253	985	-12	10	235	994	-17	6	276																
09	981	-15	15	242	985	-14	13	225	994	-18	5	276																
12	982	-15	17	246	986	-15	10	240	993	-19	4	276																
15	983	-14	17	248	989	-16	8	235	992	-19	5	242																
18	984	-13	17	228	990	-16	9	235	990	-21	4	225																
21	984	-11	14	229	991	-17	12	232	988	-21	7	222																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.5 STD DEV = 6.5 MAX = -10.6 AT 2222 GMT ON DAY 29 MIN = -39.2 AT 817 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 983.8 STD DEV = 8.8 MAX =1003.7 AT 2139 GMT ON DAY 26 MIN = 966.7 AT 650 GMT ON DAY 11
* WINDS (M/S) * MEAN = 4.9 STD DEV = 3.4 RESULTANT = 3.8 FROM 264. CONSTANCY = .77 MAX = 21.3 FROM 252. AT 834 GMT DAY 29
* 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:	22	25	18	23	6	2	2	0	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	2	2	3	3	3	0	0	0	0	3	12	19	21	21	10	1

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

APR 83

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	-23	3	232	980	-36	2	281	981	-23	2	291	992	-28	1	304	988	-38	2	298	987	-29	8	219	989	-42	2	277
03	984	-24	2	242	980	-33	2	308	980	-25	3	301	993	-28	1	325	986	-39	0	0	988	-29	7	231	988	-39	4	298
06	983	-29	2	262	979	-32	4	301	982	-24	0	0	994	-27	0	0	985	-40	1	229	989	-32	6	255	987	-34	2	297
09	981	-30	3	277	979	-25	4	308	984	-26	6	309	994	-26	0	0	985	-38	2	293	989	-36	3	287	987	-35	2	233
12	981	-29	4	285	978	-21	4	300	985	-28	3	280	994	-29	2	56	985	-37	4	277	989	-35	4	277	987	-33	1	280
15	980	-30	2	278	978	-21	2	257	986	-24	3	295	992	-29	3	70	985	-35	3	260	988	-36	2	287	986	-30	3	291
18	980	-32	2	308	978	-23	3	198	989	-26	6	231	991	-31	4	110	985	-32	5	291	989	-38	0	0	986	-28	4	288
21	980	-35	2	260	979	-22	4	174	991	-28	2	293	989	-31	0	0	987	-34	5	290	989	-45	3	281	985	-23	5	285
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	985	-23	12	248	983	-22	11	228	985	-22	6	260	985	-25	12	242	977	-23	6	239	958	-12	7	225	994	-16	6	266
03	986	-23	6	248	983	-22	7	248	987	-24	3	285	986	-23	11	246	973	-21	7	291	965	-15	8	232	995	-17	7	248
06	985	-24	7	256	982	-23	7	248	988	-24	2	260	986	-22	12	231	967	-15	8	246	970	-17	8	224	996	-17	6	252
09	985	-23	6	229	981	-20	11	233	989	-28	6	278	987	-23	9	235	963	-15	10	239	977	-17	14	224	995	-17	4	269
12	986	-30	7	195	982	-22	9	231	990	-28	8	300	987	-23	7	248	960	-15	18	243	981	-16	12	253	993	-17	3	294
15	986	-28	3	274	981	-23	8	225	988	-25	5	300	986	-23	9	240	958	-13	14	253	985	-16	12	256	990	-15	0	0
18	985	-26	3	276	981	-23	9	208	987	-27	8	226	984	-21	9	243	957	-11	13	252	989	-16	10	253	987	-21	0	0
21	984	-23	5	212	983	-23	6	238	987	-30	8	266	980	-21	8	215	957	-13	12	245	992	-17	9	256	986	-29	2	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	985	-31	0	0	975	-25	3	274	972	-24	4	266	965	-29	0	0	962	-29	4	257	975	-16	8	246	962	-21	4	97
03	985	-27	1	285	973	-24	4	290	970	-25	0	0	964	-34	0	0	960	-19	7	267	974	-15	8	239	963	-21	3	125
06	983	-29	4	290	972	-27	4	259	968	-26	1	263	963	-27	0	0	962	-13	16	252	974	-15	9	232	966	-23	1	158
09	983	-30	4	236	972	-24	6	226	968	-28	1	293	961	-30	2	55	964	-13	11	253	974	-17	12	231	969	-22	2	250
12	X	X	X	X	972	-21	5	287	968	-27	5	285	961	-32	0	0	965	-12	13	266	972	-16	9	240	972	-25	7	259
15	X	X	X	X	972	-21	6	273	969	-26	5	288	960	-29	2	264	968	-13	12	250	969	-14	10	243	975	-20	9	240
18	978	-23	4	287	972	-21	5	284	969	-26	5	283	961	-28	2	294	972	-15	10	249	965	-16	4	240	981	-20	10	263
21	977	-23	5	277	972	-22	5	273	967	-27	3	277	961	-34	4	278	973	-15	9	239	963	-20	0	0	982	-19	10	253
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	982	-19	11	249	979	-19	5	278	976	-18	7	235	977	-20	9	252	967	-14	11	243	974	-16	10	222	978	-16	3	287
03	982	-19	8	252	978	-17	5	260	977	-18	7	239	978	-20	9	264	965	-12	12	257	977	-18	8	238	978	-22	1	177
06	980	-17	7	255	978	-18	6	253	977	-18	4	274	978	-18	11	263	964	-17	13	235	981	-19	7	218	978	-17	9	222
09	979	-17	10	243	978	-19	8	240	977	-20	3	252	977	-16	10	249	964	-14	11	245	983	-19	10	255	978	-19	3	285
12	981	-22	7	250	978	-20	5	274	977	-20	4	232	976	-15	12	259	963	-13	13	239	983	-13	11	253	976	-20	3	284
15	981	-19	8	260	976	-18	5	290	976	-21	9	226	974	-14	12	263	964	-12	13	242	983	-13	12	243	975	-18	11	235
18	981	-18	8	243	976	-17	6	260	976	-23	10	245	971	-14	10	253	966	-13	13	225	982	-13	8	262	974	-24	4	257
21	980	-20	5	252	976	-17	5	245	976	-19	11	253	967	-13	12	233	969	-14	16	240	980	-11	5	308	974	-16	7	246
		DAY	29			DAY	30																					
00	973	-13	5	284	974	-12	12	226																				
03	972	-12	10	249	979	-19	8	243																				
06	971	-12	7	263	983	-20	8	269																				
09	970	-12	12	248	985	-17	8	290																				
12	971	-11	9	255	985	-13	12	246																				
15	971	-11	12	242	983	-11	11	253																				
18	971	-9	10	262	981	-13	10	238																				
21	972	-10	10	243	980	-13	11	232																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -22.1 STD DEV = 7.2 MAX = -8.4 AT 1925 GMT ON DAY 29 MIN = -45.5 AT 2134 GMT ON DAY 6
* PRESSURE (MB) * MEAN = 978.2 STD DEV = 8.9 MAX = 995.9 AT 516 GMT ON DAY 14 MIN = 956.2 AT 2239 GMT ON DAY 12
* WINDS (M/S) * MEAN = 6.3 STD DEV = 3.9 RESULTANT = 5.7 FROM 251. CONSTANCY = .91 MAX = 18.7 FROM 236. AT 1903 GMT DAY 26
* 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:	16	19	15	16	14	13	6	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	0	0	1	2	16	35	22	18	3	0

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

MAY 83

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	968	-14	14	232	X	X	X	X	982	-14	8	224	978	-18	7	221	986	-19	5	249	996	-25	2	221
03	976	-14	12	226	966	-15	13	229	974	-19	12	255	980	-15	9	211	978	-15	8	224	987	-18	6	239	995	-22	3	221
06	976	-14	14	238	964	-17	8	221	979	-15	6	218	980	-14	10	236	977	-15	6	217	990	-21	4	257	994	-24	3	238
09	978	-13	9	246	961	-15	12	218	983	-15	6	248	979	-14	3	224	978	-17	8	217	991	-22	3	256	993	-24	3	177
12	976	-12	13	235	959	-14	15	224	985	-16	6	259	979	-15	3	271	979	-19	9	211	993	-23	5	260	992	-27	2	90
15	X	X	X	X	960	-15	16	239	985	-14	11	246	978	-14	6	233	980	-18	7	219	995	-22	5	309	991	-29	2	158
18	971	-16	8	236	962	-13	14	249	985	-12	7	249	977	-14	2	288	982	-18	2	252	996	-21	4	302	990	-30	3	122
21	969	-15	11	239	963	-13	17	242	983	-13	8	263	978	-17	6	231	984	-17	6	269	996	-24	3	321	990	-29	3	256
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	989	-27	4	239	985	-21	15	249	983	-19	9	245	987	-18	11	257	989	-18	5	280	982	-24	3	248	977	-33	0	0
03	988	-26	5	287	984	-22	18	246	983	-17	7	249	987	-17	14	248	988	-20	4	283	982	-23	5	267	977	-32	0	0
06	987	-23	4	278	984	-21	15	243	983	-20	5	242	987	-18	10	253	987	-21	3	263	981	-24	5	259	976	-34	4	200
09	987	-23	5	278	983	-20	13	245	983	-19	6	243	987	-17	12	249	986	-21	1	274	980	-25	3	242	977	-35	1	235
12	987	-23	10	228	982	-20	15	256	983	-18	10	233	988	-17	10	252	985	-24	1	285	979	-25	4	248	976	-37	0	0
15	987	-23	11	228	982	-19	12	229	985	-20	9	266	988	-17	8	248	984	-25	1	248	979	-27	2	236	976	-37	2	72
18	986	-23	12	238	983	-20	10	224	984	-16	8	229	989	-18	7	257	984	-22	3	186	978	-29	4	231	975	-36	1	141
21	986	-22	14	245	983	-19	12	252	985	-19	9	238	989	-19	5	278	983	-23	3	256	978	-31	3	194	977	-42	1	309
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	978	-45	0	0	992	-39	5	300	998	-29	7	255	990	-33	2	287	967	-26	3	278	976	-29	10	290	974	-20	3	301
03	980	-45	1	270	993	-38	4	277	998	-30	7	276	988	-35	0	0	966	-22	6	307	976	-28	6	302	978	-23	5	288
06	981	-44	5	277	995	-41	5	263	997	-29	6	273	985	-35	2	14	965	-26	5	300	975	-28	4	295	982	-25	6	276
09	984	-43	3	225	996	-35	6	271	996	-31	5	271	982	-34	0	0	962	-19	5	274	974	-30	0	0	984	-26	6	298
12	986	-39	3	283	997	-33	7	263	995	-30	4	281	978	-32	1	346	960	-16	5	240	974	-31	0	0	983	-23	5	291
15	988	-39	3	222	998	-32	6	294	994	-31	3	277	973	-27	3	319	959	-15	5	248	974	-33	0	0	X	X	X	X
18	990	-41	3	249	998	-31	7	284	993	-32	2	260	967	-26	4	349	962	-20	9	236	973	-24	5	314	983	-20	4	271
21	991	-39	2	283	999	-30	8	280	992	-32	2	226	966	-23	3	257	970	-27	11	256	973	-23	4	298	984	-19	5	301
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	985	-16	7	221	977	-13	7	250	980	-9	10	211	1000	-11	8	242	1004	-13	8	225	997	-18	6	283
03	985	-17	4	240	987	-22	6	271	978	-14	9	267	984	-13	10	217	1002	-11	10	245	1004	-18	2	288	997	-13	10	240
06	987	-18	7	264	986	-20	9	288	979	-14	10	242	987	-13	8	218	1003	-11	10	255	1002	-23	1	232	996	-13	8	229
09	988	-20	6	256	983	-15	10	242	980	-14	12	245	989	-14	11	219	1004	-10	12	243	1002	-23	1	45	994	-16	9	229
12	987	-19	3	285	981	-14	11	257	980	-11	11	239	991	-12	8	233	1005	-11	12	239	1001	-18	2	301	995	-14	10	236
15	985	-17	3	294	980	-16	8	235	979	-10	12	219	994	-13	7	235	1005	-13	9	236	1001	-22	5	302	996	-18	5	257
18	984	-15	5	285	981	-18	10	273	981	-11	14	208	996	-13	7	242	1005	-13	9	229	1000	-26	4	297	995	-17	6	283
21	984	-18	6	267	977	-13	9	243	982	-11	16	238	999	-12	11	248	1005	-13	8	226	999	-22	5	291	994	-20	1	226
		DAY	29			DAY	30			DAY	31																	
00	993	-20	2	58	995	-25	1	305	976	-30	0	0																
03	993	-20	1	253	990	-28	2	87	975	-30	1	4																
06	994	-21	4	284	987	X	3	73	975	-29	2	226																
09	995	-24	6	301	983	-27	2	72	974	-32	0	0																
12	996	-25	3	271	980	-29	2	66	973	-33	2	114																
15	997	-25	5	283	978	X	0	0	972	-34	0	0																
18	998	-22	5	257	978	-29	6	294	973	-32	0	0																
21	997	-24	4	280	978	-28	6	293	972	-33	3	308																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -22.1 STD DEV = 7.9 MAX = -9.1 AT 2359 GMT ON DAY 24 MIN = -45.2 AT 29 GMT ON DAY 15
* PRESSURE (MB) * MEAN = 984.3 STD DEV = 10.0 MAX =1005.5 AT 1522 GMT ON DAY 26 MIN = 958.6 AT 1625 GMT ON DAY 19
* WINDS (M/S) * MEAN = 6.2 STD DEV = 4.0 RESULTANT = 5.4 FROM 249. CONSTANCY = .87 MAX = 18.9 FROM 235. AT 1958 GMT DAY 2
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.8 % PRESSURE: 2.0 % WINDS: 2.0 %

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:	14	21	19	14	11	12	5	3	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	0	0	2	1	1	0	0	1	3	23	31	17	16	3	0

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

JUN 83

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	971	-31	6	300	977	-30	0	0	979	-45	0	0	976	-47	2	264	971	-26	6	291	969	-18	13	233	965	-31	4	69
03	970	-32	5	343	977	-37	3	80	978	-45	0	0	976	-46	1	308	970	-24	7	269	970	-19	14	248	963	-32	5	76
06	969	-32	2	349	977	-33	2	120	977	-40	4	115	975	-45	2	294	969	-24	9	250	972	-20	9	248	964	-33	6	66
09	969	-28	2	322	977	-41	1	132	978	-46	3	301	975	-42	3	294	968	-21	8	259	973	-21	13	235	965	-33	1	4
12	970	-26	0	0	977	-41	0	0	977	-41	2	305	975	-37	4	304	968	-22	8	219	972	-19	13	240	968	-35	6	318
15	973	-27	1	309	978	-46	1	252	977	-43	1	27	974	-32	4	295	968	-21	11	245	972	-20	15	229	970	-33	7	326
18	975	-31	4	309	978	-40	2	212	976	-47	0	0	973	-26	6	285	967	-20	12	242	971	-23	7	222	974	-27	11	243
21	976	-33	0	0	979	-42	0	0	976	-48	1	260	972	-26	6	281	968	-18	13	240	969	-26	0	0	976	-25	9	263
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	975	-30	6	290	985	-33	3	273	982	-32	0	0	979	-31	5	295	979	-36	3	293	984	-45	0	0	992	-35	6	287
03	974	-29	3	326	986	-29	4	298	981	-30	0	0	979	-32	5	277	980	-37	0	0	986	-42	0	0	992	-36	8	280
06	973	-31	4	28	986	-26	5	300	980	-23	2	184	980	-32	6	295	980	-39	0	0	987	-39	2	226	992	-36	6	278
09	974	-32	1	169	986	X	3	301	979	-32	2	65	980	-36	4	281	981	-42	2	76	988	-37	3	274	991	-41	4	269
12	978	-36	6	294	986	-30	1	1	978	-31	4	66	980	-36	3	323	981	-41	4	122	989	-35	5	322	991	-38	4	250
15	981	-34	4	326	985	-34	3	163	977	-34	2	98	980	-36	3	300	981	-43	0	0	989	-32	6	291	990	-40	3	212
18	982	-34	3	288	984	-39	1	242	977	-35	3	59	979	-35	2	257	983	-47	2	277	990	-33	6	294	989	-41	0	0
21	984	-31	5	297	983	-37	2	312	978	-30	2	221	979	-40	4	312	984	-45	2	291	991	-36	7	293	989	-42	2	75
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	989	-45	0	0	984	-38	3	262	979	-36	3	245	982	-42	1	347	987	-35	4	294	988	-34	2	319	990	-26	2	256
03	989	-48	0	0	983	-40	1	260	980	-39	3	301	982	-44	4	297	988	-34	8	253	986	X	0	0	992	-31	7	276
06	988	-50	1	13	981	-38	2	319	981	-43	4	314	982	-38	2	264	988	-43	5	271	984	-30	0	0	995	-35	8	300
09	988	-48	1	267	980	-41	3	79	982	-41	5	273	981	-36	0	0	990	-41	5	256	984	-39	0	0	998	-26	11	256
12	987	-51	1	329	979	-43	3	62	983	-39	7	305	981	-34	5	273	990	-31	9	225	985	-31	3	207	1001	-28	9	239
15	986	-50	3	345	978	-39	2	51	984	-39	5	280	982	-35	3	267	990	-28	10	238	987	X	0	0	1004	-31	5	264
18	986	-50	2	262	978	-43	1	224	984	-38	3	257	982	-37	5	249	990	-30	5	276	988	-24	0	0	1005	-26	6	239
21	985	-45	3	280	978	-38	0	0	983	-39	1	184	984	-33	10	238	989	-34	4	295	988	-25	2	77	1005	-26	2	263
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	1004	-29	2	284	1009	-23	17	248	1022	-26	5	278	1020	-30	3	280	1001	-21	15	207	991	-26	11	210	987	-40	0	0
03	1003	-33	1	68	X	X	X	X	1021	-25	5	267	1020	-27	2	302	1000	-22	9	225	992	-27	6	233	987	-38	0	0
06	1003	-35	2	291	X	X	X	X	1021	-24	8	266	1019	-29	3	256	998	-22	7	243	994	-32	4	293	987	-43	3	287
09	1007	-38	10	301	X	X	X	X	1021	-27	2	314	1018	-24	3	293	995	-22	6	264	994	-34	6	283	987	-40	3	297
12	1008	-37	8	253	X	X	X	X	1020	-31	1	301	1015	-33	2	295	991	-23	7	219	993	-33	5	298	988	-40	4	274
15	1007	-30	11	238	X	X	X	X	1020	-30	0	0	1010	-23	4	293	990	-24	13	211	992	-35	5	298	989	-39	3	304
18	1006	-27	12	236	X	X	X	X	1020	-30	3	256	1004	-14	7	242	989	-23	17	201	991	-38	4	295	989	-44	2	262
21	1007	-25	16	239	X	X	X	X	1021	-27	5	288	1002	-20	13	215	991	-26	13	217	989	-33	2	300	992	-36	5	238
		DAY	29			DAY	30																					
00	995	-36	6	233	990	-39	4	172																				
03	998	-38	5	298	992	-37	0	0																				
06	998	-36	6	291	996	-41	0	0																				
09	995	-33	1	255	998	X	1	276																				
12	993	-39	5	41	1000	-44	3	280																				
15	990	-39	3	42	1001	-40	3	290																				
18	988	-29	6	360	1003	-38	6	284																				
21	989	-35	2	172	1002	-39	10	267																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -33.9 STD DEV = 7.5 MAX = -12.9 AT 1755 GMT ON DAY 25 MIN = -50.6 AT 1302 GMT ON DAY 15
* PRESSURE (MB) * MEAN = 986.3 STD DEV = 12.7 MAX =1022.2 AT 112 GMT ON DAY 24 MIN = 963.3 AT 304 GMT ON DAY 7
* WINDS (M/S) * MEAN = 4.4 STD DEV = 3.7 RESULTANT = 3.1 FROM 263. CONSTANCY = .70 MAX = 20.1 FROM 239. AT 2206 GMT DAY 22
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 4.6 % PRESSURE: 2.9 % WINDS: 2.9 %

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:	29	28	19	9	5	3	4	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	2	1	1	5	1	1	0	0	2	3	8	16	19	24	10	2

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

JUL 83

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	999	-37	7	288	967	-24	8	245	976	-22	11	257	986	-31	5	281	984	-24	6	232	988	-33	7	232	971	-33	6	285
03	997	-35	8	256	964	-23	10	248	977	-23	12	219	986	-31	3	253	985	-30	4	201	988	-32	6	255	970	-33	4	271
06	992	-35	4	245	963	-19	14	239	978	-24	7	243	986	-30	2	285	986	-33	1	197	986	-29	6	259	969	-35	6	311
09	988	-34	6	229	963	-18	18	245	978	-24	6	229	985	-30	0	0	987	-34	1	236	982	-30	4	269	967	-36	6	307
12	982	-29	8	225	966	-20	14	243	980	-24	4	236	985	-33	2	276	987	-28	2	269	979	-29	3	298	966	-30	4	314
15	978	-28	7	229	968	-20	11	246	981	-27	6	242	985	-28	4	307	987	-24	2	215	977	-30	4	179	966	-31	3	238
18	974	-28	3	291	970	-21	11	236	983	-31	5	219	983	-25	5	285	986	-25	1	280	974	-31	0	0	966	-28	9	250
21	970	-25	7	250	973	-21	8	231	985	-33	3	267	983	-23	9	226	986	-24	9	233	973	-31	0	0	967	-29	5	315
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	967	-29	4	305	965	-26	6	270	971	-33	3	284	976	-25	10	219	991	-28	2	287	997	-36	0	0	998	-40	3	291
03	967	-32	3	222	965	-28	4	274	972	-36	2	288	977	-23	9	240	993	-30	0	0	996	-39	2	333	998	-36	3	285
06	966	-32	3	225	965	-31	4	284	973	-37	4	293	977	-20	11	250	993	-34	3	94	996	-39	1	215	999	-37	4	269
09	967	-34	6	311	966	-31	5	297	973	-35	6	323	979	-20	11	243	993	-34	5	65	995	-38	0	0	999	-37	6	287
12	967	-31	3	225	967	-31	3	300	974	-26	6	304	981	-20	16	245	993	-32	7	58	994	-40	3	83	999	-39	6	290
15	965	-28	2	231	967	-36	3	252	974	-28	6	238	985	-21	12	243	993	-31	10	51	994	-44	0	0	998	-42	3	271
18	964	-26	4	276	968	-35	2	270	974	-24	7	221	987	-22	8	257	996	-34	3	340	996	-41	1	165	998	-41	4	291
21	964	-26	6	266	969	-36	3	302	975	-26	7	323	989	-26	4	231	997	X	1	356	997	-37	1	287	997	-40	5	267
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	995	-45	2	291	990	-51	0	0	990	-49	4	301	987	-49	2	98	983	-47	2	283	978	-40	1	319	981	-30	1	295
03	994	-42	2	250	991	-50	0	0	990	-45	2	253	987	-51	1	214	983	-45	3	269	977	-43	0	0	982	-32	2	302
06	993	-43	1	302	990	-48	0	0	990	-44	2	269	986	-51	0	0	983	-41	4	249	977	-33	1	298	983	-33	2	120
09	993	-44	1	38	989	-53	1	214	991	-42	0	0	985	-53	0	0	984	-39	4	295	978	-34	3	309	985	-38	2	30
12	993	-45	2	89	990	-50	2	259	990	-43	2	15	985	-53	0	0	983	-37	4	285	977	-34	1	359	986	-35	0	0
15	992	-44	3	120	989	-48	2	316	990	-48	2	18	984	-46	0	0	981	-37	2	281	977	-31	3	278	986	-40	0	0
18	991	-48	1	89	989	-48	3	273	989	-51	1	301	984	-40	0	0	980	-38	1	308	977	-33	0	0	986	-41	0	0
21	990	-51	0	0	990	-48	4	280	988	-49	2	52	983	-47	1	290	979	-35	0	0	979	-30	4	284	985	-39	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	985	-38	1	120	977	-39	7	233	973	-35	3	284	975	-28	4	248	964	-31	0	0	967	-34	4	287	968	-45	2	305
03	983	-37	0	0	976	-37	8	293	976	-37	6	285	973	-28	6	235	963	-33	0	0	968	-35	3	271	968	-43	5	321
06	982	-33	5	274	975	-35	6	245	978	-36	6	274	972	-32	4	222	963	-32	0	0	968	-35	3	278	968	-46	2	283
09	981	-32	6	238	974	-34	8	240	979	-36	6	259	970	-32	3	217	963	-32	0	0	968	-36	3	280	969	-43	5	290
12	981	-34	5	214	973	-33	6	271	980	-35	8	262	967	-31	1	207	964	-35	1	318	967	-38	3	297	969	-45	4	281
15	980	-36	8	235	971	-33	7	222	980	-34	5	281	966	-31	0	0	965	-34	3	287	967	-39	2	250	970	-43	3	274
18	979	-38	10	233	970	-30	8	243	977	-31	6	287	965	-32	0	0	967	-33	4	267	967	-41	3	232	971	-46	4	288
21	978	-35	8	239	971	-32	5	262	976	-30	5	291	964	-29	0	0	968	-33	5	271	967	-44	1	245	972	-47	4	301
		DAY	29			DAY	30			DAY	31																	
00	972	-48	3	266	971	-39	0	0	976	-42	3	239																
03	971	-44	3	291	971	-39	0	0	976	-45	3	281																
06	971	-45	3	273	971	-41	3	30	976	-38	4	290																
09	971	-39	5	264	971	-39	3	97	974	-35	6	295																
12	972	-38	5	231	972	-41	1	70	973	-33	5	298																
15	972	-39	3	274	973	-40	0	0	971	-35	4	301																
18	971	-38	2	287	975	-41	1	271	969	-37	3	298																
21	971	-37	0	0	975	-40	2	276	968	-38	3	283																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.1 STD DEV = 7.7 MAX = -17.7 AT 838 GMT ON DAY 2 MIN = -53.5 AT 854 GMT ON DAY 18
* PRESSURE (MB) * MEAN = 978.9 STD DEV = 10.0 MAX = 999.6 AT 927 GMT ON DAY 14 MIN = 962.2 AT 748 GMT ON DAY 2
* WINDS (M/S) * MEAN = 3.9 STD DEV = 3.2 RESULTANT = 3.0 FROM 262. CONSTANCY = .77 MAX = 20.9 FROM 240. AT 949 GMT DAY 2
* 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:	29	33	17	13	4	2	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	2	1	1	3	1	0	0	0	1	17	17	21	25	8	1

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

AUG 83

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	978	-41	3	200	971	-43	2	46	969	-39	4	295	965	-45	2	318	X	X	X	X	X	X	X	X
03	969	-31	8	224	977	-45	0	0	970	-48	2	325	970	-42	2	339	963	-41	2	319	X	X	X	X	950	-19	12	226
06	971	-32	6	198	976	-49	0	0	969	-51	3	278	972	-34	0	0	961	-31	6	201	X	X	X	X	953	-21	16	233
09	974	-35	1	243	975	-45	3	55	969	-48	3	277	972	-36	3	225	960	-41	4	274	X	X	X	X	959	-28	5	242
12	975	-36	0	0	974	-46	2	120	969	-48	3	307	972	-33	3	300	959	-41	3	280	X	X	X	X	961	-29	8	256
15	976	-36	3	284	974	-49	2	326	968	-42	5	305	971	-30	2	245	957	-37	3	283	X	X	X	X	963	-25	9	240
18	978	-36	0	0	973	-47	2	333	968	-41	3	300	969	-34	0	0	955	-34	4	284	X	X	X	X	965	-25	13	250
21	978	-37	0	0	972	-45	2	53	968	-39	3	314	967	X	2	242	X	X	X	X	X	X	X	X	966	-24	9	252
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	968	-25	9	219	971	-36	0	0	975	-45	1	108	980	-47	2	302	978	-51	2	235	959	-40	2	58	981	-39	5	255
03	969	-27	8	225	971	-42	3	73	975	-41	4	69	979	-47	3	326	975	-50	3	288	960	-39	0	0	984	-33	7	236
06	970	-29	7	221	971	-40	5	52	975	-45	1	203	981	-43	3	297	972	-52	1	308	962	-43	1	187	987	-31	12	228
09	971	-29	7	270	970	-38	4	53	975	-50	2	228	X	X	X	X	970	-50	1	229	966	-45	2	285	991	-33	3	218
12	972	-32	5	273	972	-38	0	0	X	X	X	X	981	-50	4	271	967	-50	1	302	969	-35	9	269	992	-35	8	280
15	972	-34	3	278	973	-45	0	0	X	X	X	X	982	-52	7	305	962	X	0	0	974	-32	8	232	993	-34	8	276
18	971	-36	1	308	974	-45	0	0	X	X	X	X	981	-49	7	290	959	-44	0	0	977	-31	6	218	992	-34	8	252
21	971	-35	1	312	X	X	X	X	981	-42	2	326	980	-50	5	276	959	X	0	0	979	-41	4	259	990	-39	3	269
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	988	-37	0	0	X	X	X	X	976	-34	7	248	976	-33	4	267	980	-24	12	219	986	-27	8	239	968	-36	4	311
03	X	X	X	X	971	-50	4	301	977	-32	5	255	974	-36	4	304	978	-23	11	221	985	-29	4	253	964	-31	5	300
06	X	X	X	X	971	-42	4	252	976	-32	7	301	974	X	7	229	980	-24	14	229	983	-29	4	225	961	-29	5	285
09	X	X	X	X	972	-46	3	238	975	-27	8	263	975	-25	10	229	978	-22	15	243	981	-36	2	188	960	-24	4	295
12	X	X	X	X	972	-48	3	257	974	-27	6	245	976	-24	14	245	979	-21	16	225	979	-31	3	194	961	-21	3	273
15	X	X	X	X	972	-46	4	293	973	X	3	221	978	-23	13	242	983	-30	11	210	977	-30	4	307	962	-18	19	252
18	X	X	X	X	971	-40	4	302	976	-28	8	245	980	-23	15	236	987	-32	7	221	974	-38	5	280	972	-32	15	207
21	X	X	X	X	973	-30	7	239	976	-27	10	226	979	-23	12	226	988	-31	9	256	972	-36	4	281	985	-38	16	246
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	989	-33	18	235	974	-26	7	294	980	-16	12	212	975	-13	14	246	997	-28	3	70	989	-33	5	301	979	-26	7	240
03	993	-34	14	245	970	-19	15	250	985	-18	11	245	977	-13	13	233	997	-28	4	97	988	-35	5	295	978	-33	4	226
06	996	-32	13	249	966	-16	15	242	985	-19	12	235	980	-14	15	231	996	-31	0	0	986	-35	7	294	975	-24	8	246
09	997	-33	8	232	966	-14	19	233	983	-17	11	236	984	-16	9	221	994	-35	0	0	985	X	7	270	976	-23	16	229
12	995	-36	5	255	966	-15	17	240	979	-22	7	240	991	-25	4	214	991	-36	0	0	984	-32	5	250	976	-24	17	226
15	990	-27	6	253	970	-14	20	239	975	-18	13	233	995	-28	3	287	987	-32	6	45	982	-32	7	263	975	-24	15	231
18	984	-30	0	0	973	-14	18	235	975	-16	11	222	997	-31	0	0	990	-34	6	301	980	-30	9	245	976	-21	15	249
21	978	-26	6	252	975	-14	18	239	974	-14	17	245	997	-31	0	0	989	-31	6	277	979	-27	8	245	979	-22	13	208
		DAY	29			DAY	30			DAY	31																	
00	981	-27	13	233	983	-22	10	232	984	-28	6	263																
03	983	-30	9	228	982	-25	9	219	984	-29	0	0																
06	983	-27	8	238	982	-27	6	226	987	-30	5	311																
09	983	-22	9	212	981	-23	9	240	989	-31	5	311																
12	983	-22	12	214	982	-23	12	242	990	-30	5	321																
15	984	-22	8	228	984	-26	10	250	990	-31	2	215																
18	984	-21	10	238	983	-28	7	248	990	-34	1	228																
21	984	-22	10	233	983	-26	10	229	990	-38	2	301																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -32.4 STD DEV = 9.5 MAX = -11.9 AT 334 GMT ON DAY 25 MIN = -52.9 AT 1026 GMT ON DAY 12
* PRESSURE (MB) * MEAN = 976.7 STD DEV = 9.4 MAX = 997.5 AT 835 GMT ON DAY 22 MIN = 949.9 AT 231 GMT ON DAY 7
* WINDS (M/S) * MEAN = 6.4 STD DEV = 4.9 RESULTANT = 5.4 FROM 245. CONSTANCY = .84 MAX = 23.7 FROM 218. AT 2257 GMT DAY 23
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 12.1 % PRESSURE: 9.7 % WINDS: 9.7 %

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	22	13	14	10	4	7	5	3	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	3	2	0	1	0	0	1	5	27	26	11	13	9	1

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

SEP 83

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	990	-36	2	288	998	-34	3	267	1003	-36	1	141	1006	-28	0	0	991	-39	0	0	980	-37	6	285	973	-45	6	294
03	989	-38	1	322	998	-28	3	308	1004	-36	3	115	1006	-31	0	0	989	-42	0	0	X	X	X	X	973	-32	7	291
06	989	-37	0	0	999	-31	0	0	1005	-34	6	110	1006	-31	1	333	988	-39	5	302	X	X	X	X	974	-34	9	287
09	991	-37	2	235	1000	-34	1	311	1007	-36	2	356	1004	-37	2	32	987	-29	7	302	976	-36	4	72	975	-33	9	218
12	992	X	3	319	1001	-33	2	297	1008	-40	1	156	1003	-36	0	0	986	-34	6	298	973	-43	5	290	975	-34	7	222
15	993	-32	1	291	1001	-28	0	0	1007	-40	0	0	1001	-38	0	0	984	-33	6	305	973	-43	0	0	976	-35	5	200
18	994	-32	0	0	1002	-32	3	222	1006	-39	2	307	998	-37	0	0	982	-32	8	305	971	-44	0	0	977	-37	4	300
21	996	-41	3	293	1003	-33	2	283	1007	-35	2	302	994	-41	0	0	981	-32	7	293	971	-42	0	0	978	-35	3	318
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	977	-41	3	311	971	-30	2	291	967	-37	5	285	956	-20	16	228	990	-26	9	231	985	-24	2	360	1009	-22	3	270
03	975	-33	3	342	971	-36	3	281	966	-29	5	287	954	-22	12	252	994	-27	7	240	986	-22	1	356	1011	-21	6	283
06	975	-37	4	305	971	-36	6	271	967	-23	12	229	951	-15	14	229	995	-27	8	239	989	-29	0	0	1014	-22	6	278
09	973	-35	4	312	972	-43	5	285	968	-22	12	248	947	-14	16	245	994	-28	3	301	993	-31	0	0	1015	-21	6	264
12	971	-38	2	59	971	-36	5	290	967	-21	13	253	953	-25	8	174	990	-26	0	0	997	-26	0	0	1015	-19	5	291
15	971	X	0	0	970	-37	5	278	965	-20	10	245	966	-32	7	215	987	-28	0	0	1000	-24	1	10	1014	-17	4	304
18	971	-30	4	294	969	-34	6	291	963	-21	11	218	977	-31	12	243	985	-29	0	0	1003	-23	1	336	1012	-18	0	0
21	971	-27	1	238	968	-37	4	298	961	-21	7	215	984	-26	13	249	984	-26	4	359	1007	-23	0	0	1011	-23	4	55
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1008	-22	1	53	1005	-24	0	0	978	-23	0	0	976	-28	2	302	979	-33	0	0	977	-33	0	0	981	-35	0	0
03	1006	-26	0	0	1005	-22	0	0	974	-20	0	0	977	X	0	0	979	-33	0	0	977	-27	0	0	981	-35	0	0
06	1005	-25	0	0	1005	-22	0	0	972	-23	0	0	978	-26	1	252	978	-33	0	0	978	-27	0	0	980	-36	0	0
09	1007	-26	0	0	1002	X	2	30	971	-21	1	191	978	-30	0	0	978	-34	0	0	979	-29	0	0	978	-41	0	0
12	1009	-25	4	307	998	-26	0	0	971	-22	1	208	978	-38	0	0	978	-39	0	0	980	-31	0	0	976	-37	0	0
15	1007	-22	0	0	994	-29	0	0	971	-25	9	266	978	-40	2	276	979	-35	0	0	981	-33	0	0	973	-37	0	0
18	1006	-25	2	58	988	-32	0	0	973	-26	5	262	978	-34	0	0	978	-34	0	0	981	-35	0	0	971	-34	0	0
21	1005	-31	0	0	983	-26	0	0	974	-28	2	297	979	-33	0	0	978	-33	0	0	982	-36	0	0	969	-35	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	966	-33	0	0	962	-39	0	0	984	-35	0	0	980	-39	0	0	970	-31	0	0	970	-41	0	0	976	-40	0	0
03	964	-32	0	0	967	-35	0	0	985	-36	0	0	979	-35	0	0	968	-36	0	0	972	-35	0	0	975	-41	0	0
06	962	-34	0	0	971	-36	0	0	987	-35	0	0	977	-38	0	0	965	-38	0	0	974	-36	0	0	975	-43	0	0
09	958	-33	0	0	977	-38	0	0	987	-34	0	0	976	-38	0	0	963	-38	0	0	976	-41	0	0	975	-44	0	0
12	956	-39	0	0	980	-38	0	0	986	-35	0	0	975	-38	0	0	963	-43	0	0	978	-42	0	0	975	-45	0	0
15	955	-43	0	0	982	-37	0	0	986	-35	0	0	974	-37	0	0	963	-43	0	0	978	-42	0	0	974	X	0	0
18	956	-45	0	0	982	-36	0	0	984	-34	0	0	973	-37	0	0	965	-45	0	0	977	-42	0	0	972	-45	0	0
21	959	-44	0	0	983	-35	0	0	983	-35	0	0	971	-35	0	0	968	-46	0	0	977	-40	0	0	972	-46	0	0
		DAY	29			DAY	30																					
00	971	-46	0	0	967	-37	0	0																				
03	971	-45	0	0	966	-31	0	0																				
06	970	-47	0	0	966	-32	0	0																				
09	971	-47	0	0	967	-38	0	0																				
12	970	-45	0	0	966	-39	0	0																				
15	969	-49	0	0	961	-41	0	0																				
18	969	-47	0	0	958	-45	0	0																				
21	968	-41	0	0	954	-42	0	0																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -33.3 STD DEV = 7.2 MAX = -13.5 AT 947 GMT ON DAY 11 MIN = -51.1 AT 1533 GMT ON DAY 29
* PRESSURE (MB) * MEAN = 981.2 STD DEV = 14.9 MAX =1015.2 AT 959 GMT ON DAY 14 MIN = 947.4 AT 907 GMT ON DAY 11
* WINDS (M/S) * MEAN = 2.1 STD DEV = 3.4 RESULTANT = 1.5 FROM 267. CONSTANCY = .70 MAX = 18.7 FROM 236. AT 655 GMT DAY 11
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.9 % 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:	69	11	6	7	3	1	3	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	5	2	2	3	0	2	1	1	2	2	11	11	10	30	13	3

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

OCT 83

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	951	-40	0	0	973	-47	0	0	964	-41	0	0	957	-42	0	0	972	-35	0	0	952	-37	0	0	948	-26	0	0
03	951	-39	0	0	975	-39	0	0	958	-36	0	0	960	-38	0	0	968	-33	0	0	950	-31	0	0	947	-24	0	0
06	951	-43	0	0	975	-40	0	0	954	-36	0	0	964	-45	0	0	965	-36	0	0	948	-26	0	0	949	-28	0	0
09	953	-47	0	0	975	-42	0	0	952	-46	0	0	968	-40	0	0	962	-43	0	0	948	-27	0	0	952	-35	0	0
12	957	-48	0	0	976	-43	0	0	951	-49	0	0	972	-40	0	0	960	-45	0	0	948	-27	0	0	953	-34	0	0
15	961	-44	0	0	975	-41	0	0	952	-51	0	0	975	-41	0	0	958	-44	0	0	948	-29	0	0	954	-34	0	0
18	965	-41	0	0	973	-41	0	0	953	-47	0	0	975	-37	0	0	956	-44	0	0	947	-28	0	0	956	-33	0	0
21	970	-40	0	0	969	-41	0	0	955	-48	0	0	974	-37	0	0	954	-44	0	0	947	-25	0	0	957	-33	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	958	-34	0	0	945	-21	0	0	955	-21	0	0	951	-15	0	0	965	-23	1	217	971	-16	8	238	976	-20	6	248
03	957	-33	0	0	945	-20	0	0	955	-19	5	256	952	-18	0	0	965	-21	0	0	972	-14	13	238	977	-20	9	242
06	955	-35	0	0	945	-21	0	0	954	-18	0	0	954	-19	0	0	966	-21	0	0	974	-16	12	236	979	-21	8	233
09	952	-26	0	0	945	-20	0	0	954	-18	0	0	956	-19	1	240	966	-19	7	236	975	-16	8	228	979	-21	4	264
12	948	-22	0	0	946	-19	0	0	952	-19	1	240	960	-19	0	0	968	-18	12	245	975	-20	5	211	979	-24	0	0
15	945	-21	0	0	948	-20	0	0	952	-19	0	0	963	-20	5	242	967	-16	12	245	975	-22	3	295	979	-22	2	301
18	945	-24	0	0	949	-20	0	0	951	-18	0	0	964	-21	3	242	967	-16	13	235	973	-24	3	238	980	-22	3	231
21	946	-25	0	0	954	-26	0	0	951	-17	0	0	965	-22	2	219	969	-16	13	235	974	-22	5	278	980	-20	9	228
		DAY	15			DAY	16,			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	983	-22	9	240	995	-24	4	253	997	-16	14	239	993	-20	8	215	984	-17	9	263	975	-13	12	249	990	-19	9	232
03	985	-23	6	257	996	-23	6	253	997	-16	12	226	992	-21	3	277	983	-15	11	249	975	-13	12	246	990	-18	7	246
06	986	-21	6	229	996	-25	7	280	997	-18	12	239	991	-23	5	297	981	-16	11	263	975	-11	12	250	988	-18	8	239
09	989	-26	2	262	996	-22	8	255	996	-17	10	246	989	-26	4	298	981	-18	6	257	976	-13	9	263	986	-24	3	250
12	989	-28	1	297	995	-21	9	260	995	-20	9	232	989	-27	4	263	982	-18	8	271	977	-14	6	248	984	-28	3	285
15	990	-31	2	281	996	-19	13	253	994	-22	9	225	988	-30	5	264	980	-13	10	255	981	-20	8	232	981	-29	0	0
18	992	-29	3	293	996	-18	12	245	995	-22	7	224	986	-30	5	307	977	-13	10	256	987	-25	7	207	979	-28	3	283
21	994	-26	6	307	997	-17	13	242	994	-22	5	252	986	-22	9	281	976	-13	15	245	989	-20	10	248	978	-26	4	307
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	976	-25	5	293	963	-27	2	259	962	-15	9	262	976	-11	7	248	973	-17	5	305	966	-14	0	0	966	-22	4	246
03	974	-23	6	304	962	-26	5	291	963	-13	8	262	975	-9	5	246	972	-15	3	243	965	-18	1	93	965	-21	4	283
06	971	-23	6	302	962	-24	4	294	964	-12	8	264	975	-11	3	214	970	-17	2	304	965	-18	1	308	965	-21	5	273
09	969	-27	5	300	962	-30	5	297	967	-11	8	262	974	-13	2	315	969	-18	1	256	966	-22	3	305	966	-26	4	285
12	966	-29	3	298	962	-25	8	255	969	-12	8	240	973	-17	2	278	968	-28	2	294	966	-26	4	281	966	-31	5	293
15	966	-31	3	301	960	-19	10	262	972	-13	7	256	973	-20	3	238	967	-28	3	294	967	-25	4	300	967	-33	3	288
18	964	-27	3	297	960	-15	12	249	974	-12	8	256	974	-19	5	298	967	-26	2	238	967	-23	4	274	967	-30	4	269
21	963	-27	4	256	961	-16	9	252	976	-12	7	267	974	-18	3	284	967	-21	0	0	967	-22	4	297	967	-26	3	266
		DAY	29			DAY	30			DAY	31																	
00	967	-23	4	293	962	-20	4	302	960	-17	6	259																
03	967	-23	6	291	961	-17	6	242	959	-15	10	262																
06	966	-23	4	308	962	-20	4	259	959	-16	12	257																
09	965	-29	4	278	962	-20	6	239	961	-21	10	236																
12	965	-29	1	253	962	-19	4	243	964	-23	9	259																
15	964	-33	3	271	962	-19	4	326	965	-23	8	255																
18	963	-33	2	267	961	-19	4	222	965	-22	7	250																
21	962	-26	4	293	961	-19	8	246	966	-21	12	248																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.8 STD DEV = 9.2 MAX = -8.8 AT 311 GMT ON DAY 25 MIN = -51.1 AT 1449 GMT ON DAY 3
* PRESSURE (MB) * MEAN = 968.4 STD DEV = 13.6 MAX = 997.6 AT 138 GMT ON DAY 17 MIN = 944.4 AT 1700 GMT ON DAY 8
* WINDS (M/S) * MEAN = 4.0 STD DEV = 4.0 RESULTANT = 3.7 FROM 256. CONSTANCY = .91 MAX = 15.1 FROM 252. AT 2117 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:	40	15	15	8	11	4	6	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	1	0	0	0	0	1	13	38	21	19	7	0

NOV 83 STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 167.0E ELEVATION : 66 M

HR	PP	TT	VV	DD
		DAY 1		
00	968	-20	8	238
03	969	-18	7	246
06	970	-19	8	248
09	971	-21	4	280
12	971	-24	5	287
15	971	-23	4	266
18	970	-20	8	252
21	968	-16	10	259
		DAY 8		
00	969	-12	7	236
03	969	-11	8	218
06	970	-13	6	245
09	971	-14	8	225
12	972	-18	5	294
15	974	-17	7	218
18	973	-16	12	218
21	975	-13	12	248
	.	DAY 15		
00	975	-11	8	252
03	975	-11	10	225
06	976	-11	8	242
09	975	-11	9	242
12	975	-12	5	255
15	974	-12	6	269
18	973	-9	4	271
21	972	-9	5	256
		DAY 22		
00	966	-12	0	0
03	966	-9	0	0
06	968	-13	1	316
09	969	-14	4	276
12	971	-20	3	285
15	973	-21	2	287
18	975	-13	0	0
21	976	-14	1	86
		DAY 29		
00	971	-11	4	100
03	971	-9	0	0
06	971	-12	2	308
09	971	-14	3	309
12	971	-17	2	330
15	970	-17	2	349
18	970	-15	3	24
21	970	-10	2	349

PP	TT	VV	DD
	DAY 2		
967	-15	12	245
965	-15	15	259
963	-15	12	271
965	-15	9	242
967	-17	6	246
967	-17	7	239
966	-17	7	235
967	-17	9	255
	DAY 9		
976	-11	9	250
976	-11	11	253
977	-10	11	236
978	-12	9	239
978	-12	8	231
978	-13	5	249
978	-14	2	273
978	-11	3	204
	DAY 16		
971	-9	5	267
969	-9	3	263
968	-8	5	250
968	-9	4	273
968	-11	3	291
969	-16	4	295
970	-13	4	269
972	-14	4	274
	DAY 23		
976	X	0	0
975	-9	1	21
974	-8	3	25
974	-14	1	236
974	-16	2	293
974	-21	1	277
974	-19	0	0
974	-16	1	283
	DAY 30		
972	-10	3	283
973	-10	5	266
976	-11	3	308
977	-13	4	314
978	-13	5	312
980	-13	2	329
980	-12	1	301
982	-12	0	0

PP	TT	VV	DD
	DAY 3		
966	-16	10	238
965	-14	6	246
964	-15	6	236
963	-14	11	239
961	-14	8	246
961	-16	7	226
961	-18	6	245
960	-17	4	236
	DAY 10		
977	-12	5	211
976	-11	2	44
975	-13	4	83
975	-15	3	60
975	-18	0	0
975	-17	4	280
975	-18	3	260
976	-14	2	356
	DAY 17		
973	-13	5	281
974	-14	5	257
975	-14	6	274
976	-16	6	293
978	-15	8	278
979	-15	10	255
981	-15	12	260
983	-15	10	249
	DAY 24		
974	-15	5	305
973	-12	6	295
972	-13	6	288
971	-14	5	280
971	-15	6	270
971	-16	6	257
971	-15	7	240
971	-13	5	255

PP	TT	VV	DD
	DAY 4		
959	-16	10	248
958	-15	9	240
958	-15	7	246
957	-17	6	277
956	-18	4	242
956	-16	6	239
955	-20	4	291
954	-17	3	262
	DAY 11		
977	-14	1	269
977	-12	1	253
977	-14	1	285
977	-19	5	295
977	-20	3	288
977	-21	2	259
977	-23	3	281
978	-20	3	285
	DAY 18		
984	-13	6	259
984	-12	2	264
982	-12	0	0
981	-16	2	59
979	-14	5	49
977	-16	4	60
977	-16	5	46
978	-14	0	0
	DAY 25		
971	-12	4	250
970	-11	4	249
970	-11	2	260
969	-15	0	0
968	-14	0	0
967	-21	1	284
968	-17	2	291
968	-14	2	332

PP	TT	VV	DD
	DAY 5		
954	-16	9	224
954	-14	8	235
954	-16	5	280
954	-15	8	239
955	-13	8	267
956	-13	7	255
956	-13	7	255
955	-12	7	264
	DAY 12		
977	-15	9	235
976	-14	7	238
976	-14	9	231
976	-15	8	242
976	-15	9	246
976	-16	11	243
976	-16	6	235
976	-15	6	228
	DAY 19		
979	-13	2	295
979	-13	4	270
980	-14	1	302
980	-16	4	288
982	-19	5	285
983	-18	7	297
983	-17	6	270
983	-15	10	257
	DAY 26		
968	-11	0	0
968	-11	2	297
968	-11	1	312
969	-11	1	231
969	-19	2	290
969	-20	2	284
970	-18	2	283
970	-15	3	297

PP	TT	VV	DD
	DAY 6		
955	-11	11	243
956	-11	10	248
957	-13	4	219
959	-17	5	198
961	-17	6	222
962	-18	5	235
963	-18	4	214
964	-17	2	239
	DAY 13		
976	-14	7	239
975	-12	8	236
975	-14	8	236
975	-14	6	248
975	-14	6	236
974	-16	5	291
974	-16	6	242
973	-14	9	231
	DAY 20		
983	-15	6	255
981	-15	8	245
980	-14	5	271
978	-17	2	293
975	-19	2	304
974	-22	1	55
972	-21	2	128
971	-17	3	308
	DAY 27		
969	-12	3	301
968	-9	3	316
967	-9	2	332
967	-11	1	323
967	-15	1	339
966	-17	1	222
967	-18	2	284
967	-14	2	297

PP	TT	VV	DD
	DAY 7		
965	-16	2	293
966	-15	3	218
967	-15	3	271
968	-18	3	290
968	-24	2	308
967	-17	3	297
968	-14	3	243
968	-13	8	242
	DAY 14		
972	-11	10	250
972	-10	12	239
973	-12	8	235
974	-13	9	226
975	-15	4	242
976	-13	4	260
975	-11	9	257
975	-12	8	243
	DAY 21		
970	-18	3	309
968	-15	2	316
967	-15	1	301
965	-18	1	311
964	-21	2	23
963	-20	1	76
963	-24	1	264
965	-18	0	0
	DAY 28		
967	-10	2	283
967	-8	0	0
967	-8	0	0
968	-15	1	281
970	-15	3	300
971	-15	2	300
971	-15	2	278
971	-14	1	243

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -14.6 STD DEV = 3.3 MAX = -4.7 AT 328 GMT ON DAY 28 MIN = -25.9 AT 1406 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 970.9 STD DEV = 6.7 MAX = 984.2 AT 147 GMT ON DAY 18 MIN = 953.6 AT 316 GMT ON DAY 5
* WINDS (M/S) * MEAN = 4.8 STD DEV = 3.2 RESULTANT = 4.0 FROM 256. CONSTANCY = .84 MAX = 16.3 FROM 260. AT 211 GMT DAY 14
* 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:	23	24	16	18	13	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	2	2	1	0	0	0	0	1	14	29	19	19	7	2

STATION : 8905 MANNING (ICE SHELF - S) LAT : 78.8 S LONG : 166.9E ELEVATION : 66 M

DEC 83

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	-11	2	90	985	-10	1	87	985	-10	0	0	985	-8	1	215	990	-8	2	273	986	-10	1	82	982	-14	6	269
03	983	-10	4	73	985	-11	2	278	985	-8	1	25	985	-6	1	89	990	-7	1	281	983	-6	0	0	983	-15	7	267
06	983	-10	2	79	984	-12	1	297	984	-10	1	48	985	-7	2	34	990	-7	1	232	981	-8	1	110	984	-15	6	280
09	983	-10	0	0	984	-15	0	0	984	-12	1	63	985	-7	2	49	990	-7	0	0	979	-11	1	274	985	-15	5	262
12	983	-14	2	285	984	-18	1	41	984	-13	0	0	986	-9	2	48	989	-12	0	0	978	-14	3	308	985	-15	7	269
15	984	-19	1	240	984	-19	0	0	984	-14	0	0	987	-13	1	315	989	-14	0	0	977	-13	1	314	985	-15	5	252
18	984	-16	0	0	985	-15	0	0	984	-14	0	0	988	-10	1	300	988	-12	0	0	977	-16	2	113	985	-14	5	253
21	984	-12	0	0	985	-14	0	0	984	-10	0	0	989	-9	2	290	987	-12	1	46	978	-10	4	228	986	-14	5	262
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	987	-13	6	246	985	-10	4	41	977	-10	8	239	976	-5	5	252	980	-6	12	253	985	-3	4	253	982	-2	9	257
03	988	-13	4	238	982	-8	2	39	977	-9	7	228	975	-5	7	231	981	-4	10	222	984	-2	4	269	981	-2	11	253
06	989	-14	6	219	981	-8	0	0	976	-8	7	246	975	-6	7	239	981	-4	9	225	985	-2	7	225	981	-3	9	253
09	989	-14	4	295	979	-10	1	298	975	-8	8	231	976	-7	7	219	983	-5	7	236	985	-5	4	285	981	-3	11	249
12	990	-15	2	208	977	-12	3	287	976	-10	7	248	978	-8	4	294	984	-7	7	249	985	-7	3	280	982	-3	9	252
15	989	-16	1	336	978	-13	5	276	975	-10	6	245	979	-9	7	252	984	-7	6	245	984	-7	4	294	982	-3	8	252
18	988	-16	1	86	979	-13	3	262	975	-9	8	231	979	-7	9	246	984	-4	6	245	983	-5	4	284	981	-3	7	256
21	987	-13	4	45	978	-12	5	269	975	-8	7	224	980	-7	9	240	985	-4	5	256	983	-2	7	255	981	-2	7	257
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	980	-1	4	235	976	-3	2	300	977	1	0	0	980	-4	1	25	984	-6	2	274	982	-6	1	277	983	-10	2	218
03	978	0	5	239	976	-2	3	291	977	-1	0	0	980	-3	3	60	983	-4	0	0	982	-6	3	221	984	-9	3	235
06	978	-1	4	243	975	-3	3	277	976	-2	0	0	980	-5	4	83	983	-4	0	0	981	-10	2	239	984	-9	1	264
09	977	-3	4	238	976	-5	2	301	976	-4	0	0	980	-6	7	53	982	-7	0	0	981	-10	1	257	984	-10	0	0
12	977	-6	1	308	975	-8	2	318	976	-8	2	66	981	-7	4	53	982	-9	0	0	981	-14	2	248	985	-10	0	0
15	976	-9	1	262	975	-9	2	294	977	-10	0	0	982	-7	1	14	982	-10	0	0	982	-15	1	232	985	-11	1	138
18	976	-6	1	197	976	-8	1	302	978	-8	0	0	983	-7	1	360	983	-10	2	242	982	-12	2	201	985	-10	4	66
21	977	-5	3	278	977	-5	1	328	979	-5	1	193	983	-7	0	0	983	-9	1	212	983	-11	2	211	986	-9	5	51
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	986	-8	2	301	991	-1	0	0	987	-2	1	188	993	-10	5	274	993	-10	1	208	975	-3	0	0	976	-7	4	287
03	987	-4	1	49	991	-3	1	77	986	2	0	0	994	-11	5	281	990	-8	1	80	974	-3	1	295	976	-6	5	298
06	988	-5	2	359	990	-4	1	118	985	0	1	295	994	-11	7	269	987	-9	2	42	975	-7	6	277	974	-6	5	298
09	987	-5	2	17	990	-7	1	73	984	-4	1	236	994	-11	4	301	984	-10	1	68	975	-8	5	298	974	-5	3	305
12	X	X	X	X	990	-10	1	46	984	-7	0	0	994	-11	4	294	981	-12	0	0	976	-10	3	287	972	-8	1	305
15	X	X	X	X	990	-10	1	11	985	-6	3	229	994	-11	3	246	978	-12	1	298	976	-10	4	295	970	-9	0	0
18	X	X	X	X	989	-9	0	0	988	-10	4	240	994	-11	4	231	976	-11	1	221	977	-9	5	291	969	-9	1	56
21	990	-5	2	231	988	-5	1	259	992	-12	7	281	994	-11	3	291	975	-7	0	0	977	-10	3	274	968	-6	1	129
		DAY	29			DAY	30			DAY	31																	
00	968	-6	4	329	969	-5	6	198	978	-7	4	283																
03	967	-4	2	304	970	-5	4	219	976	-6	4	285																
06	967	-4	2	285	971	-7	5	195	975	-6	2	335																
09	966	-7	3	304	974	-9	5	201	974	-5	1	360																
12	966	-8	4	300	976	-9	5	240	973	-4	4	256																
15	966	-6	9	250	976	-12	5	267	973	-5	4	252																
18	966	-4	7	250	977	-11	5	250	975	-6	3	228																
21	967	-3	6	222	978	-8	2	291	977	-5	2	222																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -8.2 STD DEV = 3.9 MAX = 4.0 AT 103 GMT ON DAY 17 MIN = -19.9 AT 1401 GMT ON DAY 2
* PRESSURE (MB) * MEAN = 981.3 STD DEV = 6.1 MAX = 994.5 AT 1655 GMT ON DAY 25 MIN = 965.4 AT 1620 GMT ON DAY 29
* WINDS (M/S) * MEAN = 3.1 STD DEV = 2.6 RESULTANT = 2.1 FROM 259. CONSTANCY = .68 MAX = 14.4 FROM 249. AT 805 GMT DAY 14
* 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:	47	19	17	12	3	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	2	8	4	4	1	1	0	0	5	14	21	14	17	4	2

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

JAN 83

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	991	1	3	37	985	-1	5	360	982	-4	4	138	972	0	1	12	972	-2	3	161	980	0	4	141	990	-1	1	132
03	991	-1	4	18	985	-1	6	10	981	-4	3	141	971	1	3	45	971	-1	2	22	982	-1	4	149	989	-1	1	120
06	990	-1	4	360	984	-1	5	360	980	-4	3	145	971	2	3	315	971	0	5	360	984	-1	3	180	989	-1	2	45
09	989	-1	4	360	984	-1	3	7	979	-3	1	0	971	0	1	190	971	-1	2	25	985	-1	2	141	988	-1	2	10
12	988	-1	4	360	984	-2	2	330	978	-4	0	0	972	-1	3	180	971	-3	3	359	987	-2	1	15	988	-2	1	1
15	987	-2	4	349	983	-3	1	360	976	-3	0	0	972	-1	4	173	972	-1	0	0	988	-1	0	0	988	-1	2	315
18	986	-2	5	349	983	-2	0	0	975	-2	1	360	973	-1	3	170	974	-2	4	146	989	-1	1	0	988	-2	3	360
21	986	-1	4	360	982	-1	1	54	974	-1	2	360	973	-1	2	128	977	-1	0	0	989	0	1	60	988	-1	3	360
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	988	0	3	24	989	-3	3	141	984	-1	3	90	985	-3	2	149	982	-2	5	15	972	1	1	360	975	-6	3	161
03	987	-1	4	360	988	-3	4	150	983	0	2	45	985	-2	4	141	981	-1	3	360	971	-2	2	139	976	-4	2	135
06	988	-1	4	360	987	-3	2	143	983	0	0	0	985	-2	2	142	979	-1	5	360	970	-3	5	161	977	-2	0	0
09	988	-1	2	360	987	-2	1	111	983	0	1	111	985	-3	3	150	979	-2	3	360	970	-4	5	161	978	-2	1	360
12	988	-2	1	10	986	-3	0	0	983	-3	3	161	985	-3	2	180	978	-2	3	309	970	-5	4	180	979	-4	0	0
15	988	-3	1	152	985	-3	2	17	983	-4	4	149	985	-3	1	170	976	-3	4	354	970	-5	1	116	980	-2	0	0
18	987	-35	2	161	984	-2	1	176	984	-3	4	156	984	-2	0	0	974	-3	2	360	971	-4	1	357	980	-3	0	0
21	989	-3	3	149	984	-1	3	141	984	-2	3	111	983	-1	2	37	973	-1	3	360	973	-8	6	150	979	-2	1	13
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	978	-2	5	1	975	-3	5	153	982	-2	2	108	979	-1	6	360	977	-1	5	149	983	0	3	20	989	-1	3	45
03	977	-1	4	360	977	-3	4	170	982	-2	2	90	979	-1	5	1	978	-2	5	141	983	0	4	22	988	-1	4	15
06	975	0	5	360	978	-3	4	180	981	-3	4	37	977	-1	4	360	978	-2	5	139	984	-1	3	7	988	0	4	360
09	974	-2	3	13	979	-3	3	174	979	-3	3	360	975	-2	2	360	979	-3	3	156	985	-1	3	360	987	-1	2	13
12	973	-3	1	336	980	-4	3	163	978	-2	2	225	975	-1	1	189	980	-2	1	285	986	-1	3	330	986	-2	4	309
15	973	-3	1	315	981	-5	4	162	978	-3	3	195	975	-2	3	129	980	-2	1	349	987	-2	2	270	985	-2	3	280
18	973	-1	1	116	982	-5	3	161	979	-3	3	141	976	-2	6	163	981	-4	2	177	988	-1	3	315	985	-2	2	349
21	974	-3	2	156	983	-4	2	141	980	-1	1	45	976	-1	3	139	982	-1	1	0	989	0	2	335	984	-2	1	143
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	984	-2	2	120	987	-6	6	180	980	-4	2	28	973	-3	3	15	978	-3	4	145	989	-2	2	37	991	-6	3	161
03	984	-1	3	120	986	-6	3	149	979	-4	3	45	973	-3	6	14	980	-5	3	142	989	-3	4	103	991	-7	3	141
06	984	-2	3	153	986	-6	2	141	978	-4	3	22	973	-2	5	349	982	-5	3	141	990	-2	2	23	990	-6	4	145
09	984	-4	4	161	985	-5	1	56	977	-4	2	48	973	-3	4	315	983	-5	3	161	990	-2	1	38	990	-7	3	161
12	985	-5	6	180	984	-6	4	276	977	-4	0	0	973	-4	3	293	985	-5	2	170	990	-5	2	170	989	-7	2	158
15	985	-8	7	149	982	-7	1	34	975	-4	0	0	974	-5	0	0	985	-5	1	156	990	-6	3	180	989	-7	2	149
18	986	-9	7	177	981	-5	1	116	975	-3	1	0	975	-4	1	0	986	-4	0	0	991	-6	3	149	989	-7	1	161
21	987	-9	7	181	981	-5	1	118	974	-3	2	12	977	-5	4	141	988	-2	1	27	991	-6	3	118	988	-6	2	141
		DAY	29			DAY	30			DAY	31																	
00	988	-5	2	120	990	-7	7	170	988	-10	6	149																
03	987	-4	1	149	990	-8	10	150	987	-11	5	141																
06	987	-4	2	141	989	-9	8	170	987	-10	5	146																
09	988	-3	4	113	989	-10	7	152	988	-10	6	141																
12	988	-5	5	141	989	-10	4	150	988	-11	6	150																
15	989	-6	4	135	988	-10	3	141	989	-11	6	141																
18	989	-6	6	141	987	-10	3	134	990	-12	8	180																
21	989	-6	6	166	987	-10	4	141	991	-12	9	156																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -3.2 STD DEV = 3.3 MAX = 2.6 AT 648 GMT ON DAY 4 MIN = -35.2 AT 1802 GMT ON DAY 8
* PRESSURE (MB) * MEAN = 982.2 STD DEV = 6.0 MAX = 991.9 AT 2355 GMT ON DAY 31 MIN = 969.9 AT 857 GMT ON DAY 13
* WINDS (M/S) * MEAN = 2.9 STD DEV = 1.8 RESULTANT = .9 FROM 121. CONSTANCY = .32 MAX = 10.6 FROM 163 AT 1850 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:	30	42	20	4	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	20	9	7	0	1	7	18	19	11	0	0	0	1	1	3	2

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

FEB 83

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	-12	8	149	996	-11	4	153	995	-4	2	37	989	-6	2	12	997	-3	5	360	993	-2	4	339	998	-10	7	180
03	992	-12	7	149	996	-11	3	141	993	-4	3	14	989	-5	3	354	998	-3	5	360	991	-1	1	69	998	-9	6	158
06	992	-11	7	141	996	-9	1	45	993	-3	4	339	989	-4	3	3	998	-3	2	32	990	-2	8	180	999	-9	5	180
09	993	-12	6	162	996	-8	1	225	992	-5	1	360	990	-4	6	349	998	-4	3	333	992	-5	8	161	998	-10	4	149
12	994	-12	6	177	996	-7	2	260	992	-8	3	180	991	-5	3	360	998	-5	3	301	994	-8	9	180	998	-10	3	180
15	995	-12	6	180	996	-7	0	0	991	-8	3	169	992	-5	3	330	997	-5	3	309	995	-9	9	173	997	-10	3	180
18	995	-12	5	180	995	-4	1	180	990	-8	1	158	994	-4	3	333	996	-4	4	326	997	-10	8	180	996	-10	3	176
21	996	-11	5	152	995	-5	0	0	990	-6	1	34	996	-4	3	309	994	-2	4	349	998	-11	6	163	995	-10	3	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	994	-10	5	180	993	-11	9	162	997	-6	3	155	985	-3	4	148	972	-6	6	180	978	-12	10	180	988	-9	3	309
03	993	-10	6	170	995	-11	6	180	996	-4	1	360	983	-2	3	180	972	-6	4	159	979	-12	10	165	987	-8	5	349
06	992	-10	7	180	996	-10	5	180	997	-5	1	141	981	-5	4	180	971	-6	6	169	981	-12	12	153	986	-8	4	332
09	991	-10	7	180	997	-10	3	249	997	-6	3	301	980	-5	1	189	972	-7	6	180	983	-12	10	173	985	-9	6	312
12	991	-10	8	167	997	-11	3	270	996	-8	4	307	978	-3	1	325	974	-9	6	180	985	-13	6	180	985	-9	3	309
15	991	-11	10	180	996	-11	4	270	993	-7	2	316	975	-4	3	335	975	-10	6	170	987	-14	2	225	984	-8	5	270
18	992	-11	10	180	996	-10	1	206	990	-5	3	309	973	-5	1	189	976	-10	7	191	987	-12	2	253	984	-8	5	161
21	992	-11	11	170	996	-8	3	172	987	-4	4	180	972	-7	6	170	977	-11	10	176	988	-10	1	270	984	-9	5	177
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	983	-8	6	167	982	-10	6	141	981	-10	3	141	976	-12	8	149	972	-13	9	162	974	-13	9	150	978	-11	5	141
03	983	-8	5	141	982	-10	5	170	980	-9	3	170	976	-11	7	170	971	-12	9	156	974	-14	6	156	978	-12	5	136
06	983	-9	6	161	982	-10	2	180	980	-10	5	160	976	-11	5	149	971	-12	9	161	974	-13	6	141	978	-12	4	156
09	982	-10	7	165	981	-11	2	270	980	-12	7	180	977	-12	3	173	971	-13	10	180	975	-13	4	180	979	-13	3	180
12	983	-10	6	149	981	-12	2	243	980	-12	5	176	977	-13	3	215	972	-13	11	146	975	-14	4	206	979	-14	3	180
15	982	-10	5	180	981	-11	2	270	979	-12	7	180	975	-13	2	232	972	-14	12	156	976	-15	3	219	978	-14	0	0
18	982	-10	4	180	981	-12	2	174	978	-13	8	180	974	-13	4	180	973	-14	12	141	976	-14	4	206	978	-13	1	271
21	982	-10	6	170	981	-11	1	189	977	-12	9	158	973	-13	5	170	973	-14	9	161	977	-12	4	170	978	-10	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	978	-10	3	149	975	-13	5	146	978	-13	4	161	986	-12	11	155	982	-14	7	181	979	-15	11	180	979	-17	8	176
03	978	-11	3	180	974	-12	5	161	978	-13	6	145	987	-12	11	149	981	-14	7	149	979	-14	11	161	978	-17	9	169
06	977	-11	4	155	973	-12	7	180	979	-12	7	180	986	-12	13	163	980	-14	6	180	980	-14	10	180	977	-18	7	180
09	977	-12	3	180	973	-14	4	183	981	-11	4	162	986	-13	10	180	979	-14	6	181	980	-14	10	170	977	-18	8	180
12	977	-14	4	180	974	-15	3	189	982	-11	6	169	985	-14	10	166	979	-14	8	180	980	-16	9	174	976	-18	7	180
15	976	-14	4	170	974	-15	3	231	983	-11	10	161	984	-14	7	180	978	-15	8	180	980	-17	7	191	976	-19	8	160
18	976	-14	4	170	975	-14	2	180	984	-11	10	167	983	-14	6	180	978	-15	11	170	980	-18	7	180	975	-19	7	180
21	975	-14	5	180	976	-13	3	159	986	-11	12	141	982	-14	7	190	979	-15	14	172	979	-17	6	180	974	-18	6	180

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -10.3 STD DEV = 3.8 MAX = -.3 AT 242 GMT ON DAY 6 MIN = -19.1 AT 1641 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 984.3 STD DEV = 8.4 MAX = 998.7 AT 656 GMT ON DAY 7 MIN = 970.9 AT 635 GMT ON DAY 19
* WINDS (M/S) * MEAN = 5.3 STD DEV = 3.0 RESULTANT = 4.1 FROM 172. CONSTANCY = .77 MAX = 14.7 FROM 141. AT 2041 GMT DAY 24
* 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:	12	28	18	22	11	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	5	1	1	0	0	0	6	22	46	1	3	1	4	1	5	3

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

MAR 83

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	973	-17	4	180	971	-13	5	180	981	-10	7	180	992	-8	3	180	984	-11	5	161	980	-16	4	155	971	-11	3	270
03	972	-17	4	170	971	-13	7	176	983	-10	12	141	991	-7	1	260	983	-14	10	180	979	-16	3	180	971	-11	3	359
06	970	-17	5	162	972	-13	8	184	984	-10	13	135	991	-9	1	270	983	-16	12	180	978	-15	0	0	972	-11	1	225
09	970	-17	4	170	973	-13	9	179	986	-10	10	146	990	-10	3	264	984	-16	8	170	976	-16	1	287	974	-14	9	177
12	969	-17	6	170	975	-13	7	180	988	-9	7	170	989	-11	3	270	983	-17	8	169	976	-16	1	252	976	-17	6	160
15	969	-16	6	167	977	-13	8	180	989	-9	8	161	987	-10	1	20	983	-18	7	180	975	-16	5	262	977	-17	2	180
18	970	-15	6	169	979	-13	7	180	990	-10	3	189	986	-11	1	216	982	-18	6	183	973	-17	6	270	978	-17	1	180
21	971	-14	3	170	980	-11	6	170	991	-9	3	200	985	-11	3	180	982	-18	3	161	972	-14	4	271	978	-15	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	978	-13	0	0	974	-11	1	57	971	-12	5	180	963	-13	1	307	974	-21	11	149	975	-15	4	180	971	-12	1	131
03	977	-12	2	319	974	-11	1	174	971	-13	6	155	962	-13	2	180	974	-20	7	161	974	-14	2	243	970	-15	3	170
06	977	-12	1	270	973	-12	1	270	970	-13	5	159	962	-13	2	188	975	-20	5	189	973	-13	3	260	970	-15	1	211
09	977	-14	2	180	973	-12	1	198	969	-14	3	225	962	-14	3	294	975	-18	3	188	972	-14	2	189	971	-16	1	327
12	976	-14	0	0	973	-12	2	251	968	-15	2	270	963	-13	2	301	975	-17	2	120	973	-15	6	180	971	-14	2	189
15	975	-14	2	256	972	-11	3	198	966	-15	2	270	965	-13	5	180	975	-16	3	198	973	-15	3	189	971	-16	3	218
18	974	-14	0	0	971	-12	0	0	965	-15	3	274	969	-16	7	141	975	-15	12	141	972	-16	2	173	970	-15	3	270
21	974	-13	1	108	971	-11	1	180	964	-16	3	301	972	-19	6	163	975	-15	7	180	972	-15	4	180	969	-15	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	968	-13	0	0	968	-14	0	0	969	-14	3	161	967	-15	0	0	970	-17	2	270	963	-19	1	186	965	-16	1	225
03	968	-14	2	180	968	-13	0	0	969	-14	1	246	966	-15	2	167	969	-16	1	270	962	-18	1	225	966	-16	2	206
06	967	-14	3	180	968	-12	1	231	969	-14	3	260	967	-16	1	270	969	-18	3	172	961	-20	0	0	968	-16	2	198
09	967	-17	4	166	968	-12	3	143	969	-14	1	236	967	-16	0	0	968	-18	0	0	960	-21	0	0	969	-17	2	262
12	967	-17	3	161	968	-12	6	111	969	-14	3	170	968	-17	2	225	966	-19	0	0	961	-20	3	187	970	-17	1	269
15	967	-16	2	231	969	-13	6	121	968	-15	3	179	970	-18	3	198	965	-20	3	180	961	-20	1	327	970	-17	0	0
18	967	-16	0	0	969	-14	4	141	968	-17	4	256	970	-18	1	203	965	-20	1	194	961	-19	1	292	971	-17	2	270
21	968	-15	0	0	969	-14	3	180	967	-16	2	201	970	-17	2	260	964	-20	3	181	963	-17	1	235	972	-17	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	973	-16	0	0	977	-18	2	172	977	-18	8	180	991	-23	7	158	989	-23	2	170	990	-28	10	180	979	-25	7	180
03	973	-17	0	0	977	-18	3	149	980	-19	9	180	991	-22	8	169	988	-23	3	156	989	-27	12	184	978	-23	5	189
06	974	-18	1	239	977	-18	2	206	982	-20	11	180	991	-23	6	161	988	-24	4	161	988	-28	12	188	976	-22	4	173
09	975	-18	0	0	976	-18	2	135	984	-20	9	180	991	-23	5	180	988	-24	6	161	987	-28	12	180	976	-21	6	204
12	975	-18	1	179	976	-18	1	159	986	-20	9	180	991	-24	3	174	988	-25	9	180	986	-27	12	180	974	-21	4	195
15	975	-20	1	168	975	-17	0	0	987	-21	9	180	990	-23	4	159	989	-26	10	177	984	-27	10	180	974	-20	3	206
18	976	-20	4	176	975	-16	1	270	989	-22	7	180	989	-23	4	167	989	-27	12	180	982	-27	11	169	973	-19	5	189
21	977	-18	1	179	976	-17	6	169	990	-23	7	180	989	-23	2	149	990	-28	11	180	981	-26	11	180	973	-19	6	173
		DAY	29			DAY	30			DAY	31																	
00	971	-14	14	218	973	-4	12	189	984	-10	5	188																
03	970	-12	14	206	975	-3	10	189	984	-11	4	180																
06	968	-10	18	218	976	-4	7	189	984	-12	6	180																
09	968	-9	16	210	977	-7	4	180	985	-13	7	180																
12	968	-7	15	206	978	-9	6	212	984	-13	3	198																
15	970	-5	10	180	979	-9	3	189	983	-13	1	218																
18	971	-5	12	170	981	-9	5	176	981	-13	1	180																
21	972	-5	11	198	982	-10	5	170	980	-14	2	163																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -15.7 STD DEV = 4.7 MAX = -2.9 AT 314 GMT ON DAY 30 MIN = -28.2 AT 2126 GMT ON DAY 26
* PRESSURE (MB) * MEAN = 975.2 STD DEV = 7.9 MAX = 991.8 AT 2350 GMT ON DAY 3 MIN = 960.1 AT 851 GMT ON DAY 20
* WINDS (M/S) * MEAN = 4.4 STD DEV = 3.6 RESULTANT = 3.7 FROM 183. CONSTANCY = .85 MAX = 21.6 FROM 210. AT 828 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:	33	26	14	11	6	7	2	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	0	0	0	0	0	2	4	13	47	9	6	3	11	2	1	1

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

APR 83

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	-15	2	180	972	-20	3	177	972	-16	2	218	984	-18	4	270	979	-22	5	180	978	-23	3	183	980	-28	5	180
03	975	-17	4	180	972	-20	1	180	972	-17	5	163	985	-17	0	0	977	-22	6	180	978	-23	4	180	980	-28	4	163
06	973	-18	5	180	973	-20	1	180	973	-16	2	189	986	-18	2	162	977	-23	3	188	979	-24	5	180	980	-27	0	0
09	972	-18	8	194	973	-21	1	270	974	-16	3	189	986	-19	1	170	976	-23	8	179	979	-25	6	186	980	-26	1	224
12	971	-19	6	180	973	-20	1	31	977	-19	7	180	986	-19	2	180	976	-22	9	180	979	-27	6	180	979	-26	0	0
15	971	-19	4	167	972	-18	0	0	979	-18	5	187	984	-20	4	180	975	-23	8	180	979	-26	4	180	979	-25	2	195
18	971	-19	4	180	972	-17	0	0	980	-18	1	274	983	-21	5	155	976	-22	8	180	979	-27	6	180	979	-24	1	253
21	971	-20	3	180	971	-17	1	206	982	-19	3	270	981	-22	6	180	977	-23	6	195	980	-28	5	158	979	-23	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	978	-21	2	349	976	-20	1	180	976	-17	10	184	978	-18	3	245	970	-18	1	233	952	-9	1	34	986	-13	3	270
03	978	-20	2	315	975	-20	1	180	977	-18	8	195	977	-17	1	224	967	-17	2	295	954	-10	5	156	987	-13	0	0
06	978	-20	3	323	975	-20	2	225	978	-17	6	198	977	-18	0	0	963	-15	1	300	961	-11	4	141	987	-13	0	0
09	978	-20	2	180	974	-19	0	0	979	-20	4	180	977	-18	1	180	957	-14	10	270	965	-14	18	111	987	-14	3	259
12	978	-20	2	198	973	-17	4	180	979	-20	6	162	977	-18	3	198	954	-14	13	270	973	-13	6	153	986	-14	1	248
15	977	-19	0	0	974	-16	3	224	980	-18	6	180	976	-19	6	264	953	-12	5	180	977	-13	2	360	984	-16	4	262
18	977	-21	4	180	973	-16	5	180	979	-18	4	198	975	-18	3	280	950	-12	7	266	980	-13	0	0	981	-16	2	270
21	977	-20	2	206	974	-16	4	181	978	-17	2	289	974	-18	2	218	950	-11	6	270	983	-15	5	277	979	-16	1	194
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	978	-16	3	198	968	-16	1	142	961	-14	8	180	957	-19	6	180	954	-20	3	354	966	-11	4	180	955	X	2	315
03	976	-16	1	180	966	-14	1	181	961	-14	8	180	956	-17	9	180	955	-20	2	323	967	-12	2	315	955	-16	2	189
06	975	-18	5	180	964	-14	0	0	961	-17	3	177	954	-18	5	180	955	-17	2	360	965	-12	5	270	957	-14	1	215
09	974	-20	3	156	963	-13	1	251	960	-15	2	180	954	-20	0	0	956	-12	0	0	966	-11	2	315	960	-16	6	180
12	X	X	X	X	962	-13	6	162	959	-15	0	0	953	-21	3	221	958	-11	2	271	965	-12	3	180	964	-16	6	180
15	X	X	X	X	962	-13	6	180	959	-19	4	169	953	-21	3	195	959	-11	3	289	963	-13	2	250	967	-16	4	180
18	970	-17	1	339	961	-12	8	169	958	-18	6	180	954	-20	1	180	961	-10	3	304	960	-14	6	278	970	-15	6	180
21	969	-17	1	281	962	-14	7	180	957	-18	4	183	954	-20	4	270	964	-12	2	189	957	-15	5	301	972	-15	5	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	973	-16	4	201	973	-19	5	269	968	-15	1	54	967	-16	3	173	959	-10	9	204	963	-9	5	82	972	-12	8	250
03	973	-15	5	189	972	-16	3	239	968	-15	2	347	967	-15	2	180	959	-11	2	225	965	-11	3	212	970	-11	10	264
06	973	-15	1	215	971	-17	1	208	969	-15	1	170	968	-15	2	270	958	-12	2	251	969	-12	8	143	970	-11	1	256
09	972	-15	4	271	970	-16	0	0	969	-15	2	194	967	-15	4	260	957	-13	6	267	971	-12	3	201	970	-12	7	180
12	972	-15	1	301	969	-16	2	231	969	-14	2	345	968	-15	1	240	957	-11	3	270	974	-13	7	161	969	-12	2	225
15	972	-15	8	120	969	-16	2	225	968	-14	2	225	965	-13	0	0	957	-8	8	218	975	-12	0	0	967	-11	2	273
18	973	-16	3	180	969	-16	2	270	968	-12	3	168	964	-13	2	251	960	-9	6	180	974	-12	1	72	966	-12	1	98
21	973	-16	2	260	968	-17	2	236	967	-15	2	190	962	-12	3	271	961	-8	4	161	974	-10	2	248	965	-12	2	330
		DAY	29			DAY	30																					
00	965	-10	1	27	964	-7	0	0																				
03	964	-12	1	314	966	-8	5	135																				
06	964	-11	3	193	970	-13	10	143																				
09	964	-10	2	239	973	-13	11	173																				
12	963	-10	2	225	975	-12	5	180																				
15	964	-9	3	251	974	-9	6	141																				
18	963	-8	3	212	972	-8	14	208																				
21	964	-8	1	280	970	-6	10	153																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -16.1 STD DEV = 4.4 MAX = -6.1 AT 2236 GMT ON DAY 29 MIN = -27.9 AT 1903 GMT ON DAY 6
* PRESSURE (MB) * MEAN = 970.0 STD DEV = 8.6 MAX = 987.2 AT 518 GMT ON DAY 14 MIN = 949.5 AT 1949 GMT ON DAY 12
* WINDS (M/S) * MEAN = 3.6 STD DEV = 2.8 RESULTANT = 2.4 FROM 197. CONSTANCY = .67 MAX = 18.4 FROM 111. AT 901 GMT DAY 13
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % 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:	33	30	18	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	2	1	1	0	1	1	3	7	37	10	8	6	15	3	4	2

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

MAY 83

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	969	-10	6	180	958	-8	4	243	X	X	X	X	975	-10	8	270	971	-12	3	161	978	-13	2	0	988	-14	6	180
03	968	-10	3	218	957	-6	8	180	960	-11	14	141	973	-11	8	270	970	-14	3	167	979	-14	1	252	987	-13	3	225
06	968	-9	4	162	957	-7	2	210	966	-10	11	206	973	-9	2	210	970	-13	1	346	981	-14	2	225	986	-14	3	280
09	968	-8	6	169	955	-7	3	180	971	-12	16	173	973	-11	2	206	971	-13	1	225	982	-14	2	270	985	-15	1	0
12	967	-9	1	125	952	-4	5	269	976	-11	8	191	973	-10	0	0	971	-13	1	225	984	-14	2	198	983	-18	3	166
15	X	X	X	X	953	-9	3	180	977	-11	5	111	972	-10	3	283	973	-14	1	208	985	-15	4	180	982	-21	6	180
18	963	-8	0	0	954	-9	2	270	977	-11	4	282	971	-10	0	0	974	-14	2	225	986	-15	4	186	981	-22	8	169
21	961	-9	2	219	955	-7	3	187	977	-11	1	10	971	-10	2	255	976	-14	2	278	987	-15	7	180	980	-23	8	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	980	-23	7	180	973	-17	13	225	971	-15	11	225	971	-11	12	225	978	-13	7	180	973	-17	6	188	968	-23	7	180
03	980	-23	3	170	972	-16	12	211	971	-14	9	180	972	-11	14	225	978	-14	9	180	972	-18	6	173	968	-24	7	165
06	979	-22	2	161	971	-15	11	225	971	-15	12	136	973	-11	13	218	977	-14	7	180	972	-19	5	180	968	-26	6	165
09	978	-20	2	211	970	-15	13	221	972	-15	10	161	973	-11	14	219	977	-14	6	180	971	-19	5	180	968	-27	5	180
12	977	-19	2	101	969	-15	14	225	972	-15	9	180	974	-11	14	217	976	-15	6	190	970	-19	5	163	968	-27	5	180
15	976	-19	0	0	968	-14	14	225	972	-14	9	141	975	-10	12	225	976	-16	6	180	968	-20	5	166	968	-28	4	159
18	975	-18	4	198	968	-15	16	207	972	-15	13	141	977	-11	8	141	975	-17	8	180	968	-20	8	180	968	-29	4	163
21	975	-17	11	207	971	-15	8	177	971	-13	5	173	977	-13	9	149	974	-17	9	180	968	-22	7	180	969	-29	5	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	970	-29	4	180	982	-29	7	180	986	-24	11	156	983	-22	3	270	958	-23	2	153	964	-23	9	100	970	-25	3	330
03	971	-29	3	163	984	-29	8	180	985	-24	8	180	981	-23	2	336	959	-21	1	180	967	-25	8	180	971	-25	3	330
06	973	-29	3	159	985	-29	8	169	985	-24	8	169	978	-23	2	309	958	-22	1	165	967	-23	3	180	973	-24	2	349
09	975	-28	3	180	985	-27	10	165	985	-23	8	180	975	-22	1	232	957	-21	2	330	968	-23	3	315	976	-23	0	0
12	976	-26	3	180	986	-28	8	181	984	-24	9	184	970	-22	1	259	956	-21	5	333	968	-24	3	332	976	-23	2	325
15	978	-27	4	168	986	-28	9	180	984	-24	6	193	966	-22	5	260	954	-20	4	360	968	-24	3	309	X	X	X	X
18	979	-27	6	184	986	-26	9	180	984	-23	4	189	962	-21	0	0	955	-21	3	360	968	-24	2	339	976	-22	2	315
21	981	-28	9	180	986	-25	9	180	984	-23	0	0	959	-21	1	349	959	-21	0	0	969	-25	1	345	977	-21	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	978	-19	3	330	968	-11	2	270	971	-7	16	218	987	-4	12	211	996	-8	5	180	989	-11	3	177
03	978	-20	2	297	978	-18	1	226	968	-11	0	0	972	-7	17	198	990	-6	9	111	996	-8	6	201	988	-9	9	258
06	978	-18	2	0	978	-15	0	0	968	-12	3	14	975	-6	9	181	992	-6	3	45	995	-9	9	225	989	-10	3	207
09	979	-17	2	198	975	-16	3	330	969	-12	5	165	978	-5	13	187	994	-7	3	113	995	-10	1	260	988	-9	2	170
12	979	-17	3	274	974	-15	2	309	969	-10	2	198	979	-6	9	189	996	-7	2	180	993	-10	5	221	986	-7	1	142
15	979	-18	1	301	971	-13	3	301	968	-9	11	225	980	-5	9	180	997	-7	6	161	992	-14	6	176	987	-10	8	174
18	978	-17	0	0	970	-12	2	180	969	-6	6	165	982	-4	10	189	997	-7	5	161	991	-11	6	187	986	-10	7	180
21	977	-15	2	309	969	-14	3	225	971	-7	7	187	985	-4	10	206	997	-8	5	200	989	-10	6	201	986	-10	4	180
		DAY	29			DAY	30			DAY	31																	
00	986	-13	6	180	987	-17	1	270	969	-21	3	177																
03	985	-13	3	158	983	-18	1	297	968	-22	4	270																
06	986	-14	4	180	979	-18	2	270	967	-20	1	280																
09	987	-16	6	180	975	-17	2	210	965	-20	1	0																
12	987	-15	2	180	973	-19	4	183	965	-20	3	318																
15	988	-15	2	270	971	-18	2	270	964	-20	0	0																
18	988	-15	2	180	966	-17	7	360	963	-23	3	177																
21	989	-18	4	183	970	-20	6	180	962	-26	6	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -16.1 STD DEV = 6.5 MAX = -3.1 AT 1732 GMT ON DAY 25 MIN = -29.6 AT 50 GMT ON DAY 15
* PRESSURE (MB) * MEAN = 975.2 STD DEV = 9.5 MAX = 996.9 AT 1723 GMT ON DAY 26 MIN = 951.6 AT 1209 GMT ON DAY 2
* WINDS (M/S) * MEAN = 5.2 STD DEV = 3.8 RESULTANT = 3.9 FROM 193. CONSTANCY = .74 MAX = 22.1 FROM 207. AT 411 GMT DAY 25
* 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:	21	27	14	17	10	4	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	4	0	0	0	1	1	3	11	37	10	11	2	8	3	3	5

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

JUN 83

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	-28	9	180	969	-24	2	180	970	-27	6	180	969	-30	0	0	964	-25	1	162	960	-15	1	257	959	-17	3	315
03	964	-28	9	180	969	-24	2	180	970	-29	5	180	969	-30	0	0	962	-24	0	0	960	-14	2	153	956	-22	3	342
06	965	-27	3	360	970	-26	3	174	970	-29	3	173	968	-29	0	0	961	-23	1	360	960	-14	4	260	955	-25	3	345
09	965	-27	4	330	969	-26	3	183	969	-30	3	190	969	-31	0	0	962	-22	3	251	962	-15	3	346	956	-25	0	0
12	965	-24	1	334	969	-26	0	0	969	-30	3	180	968	-30	0	0	962	-20	4	271	964	-16	3	90	958	-24	8	170
15	966	-23	1	349	969	-27	1	189	969	-30	5	180	967	-29	0	0	961	-19	3	270	965	-18	4	262	962	-25	10	181
18	967	-24	1	246	969	-28	3	180	969	-31	1	301	966	-27	1	225	960	-16	4	206	963	-18	6	283	964	-25	5	170
21	968	-24	2	206	969	-27	4	167	969	-30	1	204	965	-26	2	280	960	-16	3	170	962	-18	3	301	966	-23	2	206
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	967	-24	3	251	979	-24	2	280	975	-13	11	251	968	-26	10	180	970	-27	5	180	976	-30	5	169	980	-29	3	148
03	968	-23	3	256	980	-23	4	270	972	-11	20	204	969	-24	7	180	971	-29	3	189	976	-29	5	180	981	-29	3	189
06	967	-23	1	330	980	-23	6	253	973	-10	4	342	970	-24	0	0	972	-30	3	174	976	-28	5	170	981	-28	2	243
09	968	-23	2	281	980	-24	7	270	972	-12	3	243	971	-25	5	180	973	-30	0	0	977	-28	7	170	981	-28	7	180
12	969	-25	3	301	980	-21	11	256	970	-15	5	225	970	-24	6	180	974	-30	0	0	978	-28	11	159	981	-29	7	197
15	971	-25	1	161	980	-21	7	243	969	-17	2	180	970	-27	5	180	975	-29	2	315	979	-28	9	180	981	-29	4	180
18	974	-25	5	201	978	-20	2	294	968	-24	4	146	969	-26	9	183	975	-30	1	218	979	-29	6	180	980	-31	4	180
21	976	-25	3	225	977	-18	2	27	968	-25	5	170	970	-26	7	173	976	-29	2	166	979	-29	5	180	980	-33	4	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	980	-34	5	170	975	-33	2	180	970	-30	2	239	975	-30	2	201	977	-27	5	180	983	-20	2	292	982	-20	1	180
03	980	-35	3	180	974	-33	3	150	971	-33	4	177	974	-29	1	339	978	-24	6	180	981	-21	2	330	982	-23	8	180
06	980	-34	0	0	973	-34	7	165	972	-34	4	179	974	-33	3	190	980	-24	2	168	979	-23	1	360	985	-23	4	188
09	980	-34	2	180	972	-32	5	180	972	-32	3	170	973	-31	2	169	981	-24	2	134	979	-23	0	0	989	-23	6	180
12	979	-35	0	0	971	-34	7	170	973	-31	2	170	973	-30	3	340	982	-22	8	156	979	-26	1	206	992	-22	3	250
15	978	-34	1	181	971	-32	4	166	974	-33	5	180	973	-32	1	189	982	-22	4	191	979	-26	2	161	993	-21	0	0
18	978	-32	0	0	970	-32	3	156	975	-30	3	200	973	-29	1	225	982	-20	2	360	979	-26	3	158	995	-21	3	206
21	977	-33	0	0	970	-31	2	300	975	-33	2	180	974	-29	2	180	982	-23	3	301	980	-25	5	180	995	-22	4	181
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	996	-20	5	155	987	-14	14	172	1007	-19	16	180	1012	-19	5	180	993	-11	5	149	984	-22	4	170	979	-25	5	184
03	995	-18	4	189	X	X	X	X	1008	-19	12	173	1012	-17	3	187	992	-16	2	135	985	-22	8	141	978	-26	4	166
06	994	-21	4	180	X	X	X	X	1009	-20	15	180	1012	-17	1	324	991	-16	5	322	985	-23	8	176	978	-27	6	180
09	993	-17	8	180	X	X	X	X	1011	-21	11	180	1011	-17	5	330	987	-17	3	10	985	-24	4	204	979	-30	3	159
12	993	-21	7	150	X	X	X	X	1012	-19	9	180	1009	-17	2	339	984	-17	1	360	985	-22	3	225	980	-28	2	203
15	993	-23	10	179	X	X	X	X	1011	-16	8	221	1006	-13	2	115	981	X	3	292	983	-23	1	180	980	-27	0	0
18	991	-22	14	161	X	X	X	X	1011	-18	3	309	996	-2	28	245	982	-16	2	134	982	-25	5	180	982	-29	0	0
21	989	-20	14	161	X	X	X	X	1012	-18	0	0	989	-1	24	219	983	-20	10	141	981	-26	6	184	984	-27	2	189
		DAY	29			DAY	30																					
00	986	-26	1	225	984	-30	2	323																				
03	987	-26	1	189	984	-30	3	309																				
06	988	-27	3	206	985	-30	3	243																				
09	988	-27	2	225	987	-31	5	170																				
12	987	-28	3	283	989	-29	8	167																				
15	986	-29	3	339	990	-31	10	166																				
18	984	-30	2	322	991	-31	10	180																				
21	984	-30	2	349	990	-32	6	155																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.8 STD DEV = 5.9 MAX = -.5 AT 2243 GMT ON DAY 25 MIN = -35.6 AT 1256 GMT ON DAY 15
* PRESSURE (MB) * MEAN = 977.8 STD DEV = 12.1 MAX =1012.6 AT 437 GMT ON DAY 25 MIN = 954.5 AT 634 GMT ON DAY 7
* WINDS (M/S) * MEAN = 4.2 STD DEV = 3.9 RESULTANT = 2.9 FROM 192. CONSTANCY = .69 MAX = 31.8 FROM 225. AT 2122 GMT DAY 25
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 3.3 % PRESSURE: 2.9 % WINDS: 2.9 %

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:	30	31	20	6	6	3	1	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	4	0	0	0	0	0	3	12	43	7	5	7	4	5	4	6

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

JUL 83

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	987	-30	4	189	962	-21	2	270	967	-18	4	98	976	-23	6	180	976	-24	3	180	978	-23	3	180	963	-27	3	149
03	986	-30	4	180	959	-21	4	259	969	-20	3	188	976	-23	6	172	977	-20	1	180	978	-21	4	180	963	-26	0	0
06	982	-28	1	72	958	-20	4	270	969	-20	3	282	977	-23	6	179	977	-21	2	205	977	-23	6	187	962	-28	6	309
09	979	-28	0	0	956	-18	7	270	971	-19	0	0	977	-23	3	225	978	-22	6	180	975	-24	1	346	961	-27	6	307
12	975	-25	1	146	957	-16	11	225	971	-20	3	270	977	-23	3	180	979	-23	5	180	972	-24	2	301	960	-25	1	255
15	971	-25	0	0	960	-16	6	189	972	-19	3	142	977	-23	2	189	980	-23	2	180	969	-23	1	180	959	-24	0	0
18	967	-24	2	304	962	-16	3	283	973	-20	5	149	977	-23	1	232	979	-23	4	243	966	-25	4	180	958	-26	1	45
21	965	-22	3	253	965	-18	4	307	975	-20	7	180	976	-22	2	315	978	-21	5	253	964	-24	2	191	959	-27	2	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	960	-26	4	160	956	-25	7	174	963	-27	2	225	970	-28	1	225	983	-20	7	276	992	-29	1	282	989	-28	8	180
03	960	-25	2	352	957	-24	6	180	964	-27	2	255	970	X	1	225	984	-20	2	270	990	-28	4	318	989	-30	4	170
06	959	-24	1	189	958	-21	2	203	966	-27	0	0	972	-26	4	170	984	-22	3	323	989	-29	2	315	989	-29	7	165
09	959	-25	2	218	958	-26	4	309	967	-27	2	262	973	-19	1	243	986	-26	4	180	986	-28	3	304	988	-28	6	200
12	959	-23	3	214	958	-26	1	315	968	-27	3	270	975	-18	5	256	986	-28	4	170	986	-28	1	180	987	-31	6	180
15	959	-25	3	184	958	-27	0	0	968	-24	1	295	978	-19	2	270	986	-28	3	136	985	-28	3	159	986	-32	7	180
18	958	-25	0	0	959	-27	3	180	968	-24	3	270	980	-18	3	284	988	-29	6	180	986	-29	5	163	985	-33	9	163
21	957	-24	2	339	960	-28	4	294	969	-24	2	218	982	-18	4	270	990	-30	3	198	987	-29	9	180	985	-35	6	160
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	985	-35	7	180	982	-37	2	160	982	-33	2	321	980	-34	2	260	975	-33	0	0	971	-31	1	309	975	-33	2	179
03	984	-32	6	180	981	-37	3	180	982	-35	1	229	979	-34	1	219	975	-32	1	198	971	-31	0	0	975	-32	2	336
06	984	-36	4	155	981	-36	2	180	982	-35	1	307	979	-34	0	0	975	-31	0	0	970	-31	1	288	976	-32	1	233
09	985	-36	2	360	981	-36	3	181	983	-34	0	0	978	-34	1	349	975	-31	0	0	970	-33	3	323	977	-33	3	180
12	985	-37	0	0	981	-36	0	0	982	-35	0	0	977	-33	2	315	974	-30	0	0	970	-32	1	177	977	-31	1	155
15	985	-36	1	307	981	-35	0	0	982	-34	0	0	976	-32	2	326	973	-29	1	360	971	-32	0	0	978	-33	6	180
18	984	-36	2	270	981	-36	0	0	982	-34	0	0	976	-33	0	0	973	-29	0	0	972	-32	0	0	978	-31	6	180
21	983	-37	1	148	981	-36	1	301	981	-34	1	309	975	-33	0	0	972	-30	1	14	973	-32	2	339	977	-29	5	165
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	976	-28	7	180	966	-31	5	198	963	-25	2	231	964	-22	3	203	956	-21	1	194	957	-28	6	167	959	-33	1	161
03	974	-30	6	158	966	-31	4	180	965	-27	5	180	963	-21	1	189	955	-23	0	0	958	-28	5	160	959	-33	3	190
06	972	-28	7	180	966	-32	4	201	966	-28	7	180	961	-20	5	180	955	-26	1	180	958	-30	7	180	960	-32	3	180
09	970	-30	5	159	965	-31	1	239	967	-28	9	163	961	-20	5	183	955	-28	2	180	958	-31	7	180	960	-32	3	206
12	968	-29	8	180	964	-30	0	0	968	-27	7	180	960	-18	7	211	955	-27	1	176	957	-31	6	180	960	-33	2	180
15	967	-31	9	180	963	-29	4	270	967	-27	8	180	958	-17	3	190	956	-29	2	165	958	-32	8	163	961	-33	3	180
18	966	-31	10	177	962	-29	0	0	966	-25	6	180	958	-23	2	180	957	-29	5	180	958	-34	6	172	961	-32	2	169
21	966	-32	7	180	962	-27	1	168	966	-24	6	207	957	-23	1	170	958	-28	6	180	958	-34	5	180	962	-34	5	180
		DAY	29			DAY	30			DAY	31																	
00	962	-33	6	180	962	-33	7	159	968	-35	1	180																
03	961	-32	7	180	963	-32	5	206	969	-35	0	0																
06	961	-30	6	194	963	-28	3	170	968	-35	1	180																
09	960	-32	6	201	963	-33	3	179	967	-34	0	0																
12	959	-31	10	180	964	-36	6	160	966	-32	0	0																
15	960	-32	12	180	965	-35	3	180	965	-31	1	339																
18	961	-30	5	161	966	-36	3	180	963	-31	0	0																
21	961	-33	6	149	968	-36	3	170	963	-29	4	243																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -28.0 STD DEV = 5.2 MAX = -15.4 AT 1845 GMT ON DAY 2 MIN = -37.5 AT 254 GMT ON DAY 16

* PRESSURE (MB) * MEAN = 970.5 STD DEV = 9.9 MAX = 992.2 AT 39 GMT ON DAY 13 MIN = 954.9 AT 504 GMT ON DAY 26

* WINDS (M/S) * MEAN = 3.3 STD DEV = 2.5 RESULTANT = 2.3 FROM 192. CONSTANCY = .71 MAX = 16.3 FROM 224. AT 1119 GMT DAY 2

* 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:	40	26	16	14	3	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	0	0	0	0	1	12	43	7	6	4	7	4	9	2

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

AUG 83

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	970	-30	2	180	963	-32	1	218	963	-29	1	215	958	-28	0	0	X	X	X	X	X	X	X	X
03	963	-28	1	243	969	-32	2	180	962	-36	1	360	963	-28	1	86	956	-28	5	308	X	X	X	X	943	-18	7	149
06	963	X	1	170	969	-31	2	307	962	-35	3	180	964	X	2	198	954	-31	1	198	X	X	X	X	945	-19	4	205
09	965	-32	6	180	968	-33	1	239	962	-34	1	245	964	-26	1	282	952	-30	3	180	X	X	X	X	947	-21	3	292
12	967	-28	2	150	967	-35	1	255	962	-33	1	315	964	-30	0	0	951	-26	3	189	X	X	X	X	952	-23	5	180
15	968	-29	1	289	966	-32	2	301	962	-33	1	315	963	-32	3	184	949	-23	3	7	X	X	X	X	954	-23	3	243
18	969	-30	2	180	965	-33	0	0	962	-30	1	225	961	-33	4	141	946	-21	3	298	X	X	X	X	956	-21	2	225
21	970	-33	4	180	964	-34	2	174	962	-29	1	270	960	-30	0	0	X	X	X	X	X	X	X	X	958	-20	3	72
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	959	-20	3	198	964	-32	5	180	967	-32	3	180	973	-32	1	152	969	-38	4	180	953	-38	4	352	973	-26	7	211
03	960	-22	8	180	964	-33	3	180	968	-33	3	180	973	-33	1	326	968	-38	2	188	954	-38	0	0	974	-24	3	339
06	962	-23	7	180	965	-33	3	180	969	-32	1	161	973	-34	1	349	967	-36	1	297	956	X	2	225	978	-26	4	205
09	962	-23	7	179	964	-29	2	264	968	-32	0	0	X	X	X	X	965	-37	1	281	959	-37	0	0	980	-27	5	180
12	962	-26	8	167	965	-31	1	225	X	X	X	X	971	-33	1	315	962	-37	1	360	961	-35	0	0	981	-29	5	180
15	961	-27	9	180	965	-31	1	243	X	X	X	X	972	-34	4	176	960	-37	5	309	964	X	1	339	982	-31	3	214
18	962	-30	5	180	965	-32	1	180	X	X	X	X	971	-32	3	198	956	-39	6	309	967	-28	2	121	982	-33	4	270
21	963	-30	7	187	X	X	X	X	973	-32	5	176	970	-37	6	158	954	-37	2	360	970	-27	7	189	983	-31	1	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	981	-31	4	270	X	X	X	X	968	-31	2	189	967	-22	6	190	972	-19	3	121	977	-26	7	189	961	-23	5	270
03	X	X	X	X	964	-35	2	180	969	-28	2	170	967	-21	3	206	973	-20	4	162	977	-24	5	226	958	-19	0	0
06	X	X	X	X	964	-36	2	201	969	-24	1	339	965	-18	2	218	970	-16	9	225	976	-23	6	225	956	-21	5	243
09	X	X	X	X	964	-35	0	0	968	-24	2	342	967	-23	6	180	971	-20	7	210	974	-21	1	324	956	-19	4	270
12	X	X	X	X	965	-33	0	0	965	-26	0	0	967	-19	10	228	969	-15	8	207	971	-20	2	280	955	-20	10	251
15	X	X	X	X	966	-32	0	0	966	-19	3	225	967	-18	16	219	970	-22	14	118	968	-20	1	111	957	-16	0	0
18	X	X	X	X	966	-29	1	270	965	-23	4	180	970	-19	7	198	973	-27	14	173	965	-25	4	180	959	-14	4	328
21	X	X	X	X	966	-28	1	270	966	-19	4	142	971	-18	11	149	976	-27	8	189	963	-27	6	180	970	-25	7	149
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	975	-28	13	125	968	-18	3	330	970	-11	14	225	967	-8	11	225	990	-19	6	270	978	-24	7	181	971	-23	5	259
03	978	-24	5	143	965	-17	4	260	973	-11	12	214	968	-7	13	225	989	-21	1	218	977	-26	8	180	970	-24	6	257
06	981	-24	8	132	961	-12	14	214	976	-9	13	180	970	-6	14	214	988	-21	4	161	977	-26	9	180	970	-23	1	243
09	984	-25	7	170	959	-10	15	225	976	-11	1	86	973	-7	11	218	986	-21	2	148	976	-27	6	205	968	-21	8	251
12	984	-26	4	210	959	-10	18	225	973	-14	2	315	979	-14	10	170	984	-22	4	170	976	-27	2	197	968	-20	5	167
15	982	-25	6	189	962	-9	15	212	970	-14	2	225	985	-20	12	180	981	-22	0	0	975	-27	2	232	967	-18	12	211
18	978	-22	5	270	965	-9	7	180	968	-12	1	195	987	-20	7	180	977	-20	1	315	973	-27	4	270	968	-18	12	149
21	972	-20	3	233	967	-10	19	198	967	-10	14	214	990	-19	4	197	978	-23	6	153	972	-24	5	270	969	-18	3	161
		DAY	29			DAY	30			DAY	31																	
00	969	-20	6	280	975	-19	8	180	975	-20	4	180																
03	969	-19	4	309	974	-19	6	190	975	-21	2	189																
06	971	-21	16	120	974	-20	4	173	976	-20	3	169																
09	974	-21	4	180	973	-19	6	180	979	-22	12	170																
12	974	-20	9	180	973	-19	5	206	980	-21	8	165																
15	973	-19	14	142	973	-20	5	170	982	-25	2	180																
18	974	-19	9	150	974	-21	8	158	982	-23	1	330																
21	975	-19	6	206	975	-22	4	206	982	-22	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.6 STD DEV = 7.3 MAX = -5.6 AT 550 GMT ON DAY 25 MIN = -39.5 AT 408 GMT ON DAY 12
* PRESSURE (MB) * MEAN = 968.4 STD DEV = 8.5 MAX = 990.1 AT 16 GMT ON DAY 26 MIN = 942.6 AT 242 GMT ON DAY 7
* WINDS (M/S) * MEAN = 4.7 STD DEV = 4.0 RESULTANT = 3.3 FROM 196. CONSTANCY = .71 MAX = 24.6 FROM 224. AT 1133 GMT DAY 23
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 11.3 % PRESSURE: 9.7 % WINDS: 9.7 %

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:	34	21	16	11	6	4	4	3	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	1	2	3	9	31	11	13	5	8	3	6	3

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

SEP 83

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	-22	0	0	989	-22	0	0	997	-23	1	324	999	-25	0	0	984	-25	2	4	971	-26	6	167	964	-27	0	0
03	982	-23	1	180	990	-23	0	0	998	X	3	324	998	-22	1	270	981	-26	0	0	X	X	X	X	964	-30	3	150
06	982	-22	1	206	991	-23	1	149	997	-24	4	353	998	X	2	189	979	-28	5	149	X	X	X	X	964	-28	0	0
09	983	-26	4	163	992	-24	1	270	997	-24	2	270	997	-26	3	173	978	-26	5	170	969	-27	1	180	966	-28	6	180
12	984	-23	3	180	993	-23	2	339	1000	-26	4	179	997	-25	1	255	976	-24	2	167	967	-27	2	307	967	-28	4	180
15	985	-21	2	198	993	-27	3	189	1001	-26	3	180	995	-25	3	280	975	-23	3	180	965	-28	4	273	968	-28	4	188
18	986	-25	3	167	994	-29	3	179	1000	-25	1	161	991	-25	3	309	973	-24	1	360	965	-27	3	309	969	-28	6	200
21	988	-23	2	193	996	-26	1	180	1000	-25	2	174	988	-25	2	325	972	-24	3	180	965	-26	0	0	971	-28	2	206
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	971	-26	4	289	962	-24	4	180	960	-24	0	0	951	-17	4	198	975	-18	14	135	981	-24	4	315	993	-21	20	180
03	971	-27	4	297	961	-25	7	180	960	-21	1	231	948	-15	1	215	979	-22	15	149	981	-24	0	0	995	-21	23	181
06	969	-27	2	191	961	-26	9	176	958	-18	9	231	946	-16	3	210	984	-23	10	195	983	-23	1	180	997	-19	20	180
09	968	-26	0	0	961	-29	4	180	958	-19	3	179	944	-12	5	251	986	-23	8	180	986	-23	3	167	999	-17	18	180
12	965	X	2	258	963	-27	3	180	958	-19	1	273	943	-10	14	218	984	-23	6	205	988	-22	4	180	1003	-17	12	179
15	963	-29	3	180	962	-27	2	309	957	-18	2	218	951	-19	7	161	983	-22	0	0	989	-19	12	166	1003	-16	11	180
18	962	-20	2	188	961	-26	2	270	955	-18	3	251	963	-25	10	166	981	-22	2	308	990	-19	17	180	1004	-15	9	180
21	963	-24	3	160	961	-25	2	297	954	-14	3	221	968	-21	11	189	980	-21	2	309	991	-21	19	165	1004	-16	8	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1003	-15	4	176	997	-15	2	285	971	-15	0	0	967	-21	3	170	972	-23	0	0	970	-22	0	0	971	-28	9	191
03	1001	-15	1	309	996	-19	1	191	965	-22	5	120	969	-23	4	180	971	-23	2	315	968	-21	2	251	970	-31	6	180
06	999	-14	2	309	997	-18	5	166	965	-18	7	176	970	-23	3	163	971	-23	0	0	968	-21	1	189	969	-32	6	170
09	998	-15	2	330	995	-16	0	0	964	-15	1	34	971	-25	4	165	971	-25	0	0	968	-23	9	180	967	-32	11	180
12	999	-17	6	170	993	-18	2	301	964	-16	2	206	971	-22	6	180	970	-24	1	188	968	-26	11	172	965	-32	12	180
15	1000	-16	5	180	988	-19	3	329	963	-21	5	206	971	-21	6	180	970	-26	1	210	968	-25	10	176	962	-33	10	160
18	1000	-15	2	309	983	-20	2	291	964	-18	3	76	970	-21	4	170	970	-26	1	198	970	-26	11	180	960	-29	12	177
21	998	-14	1	360	977	-23	2	324	965	-21	8	181	971	-22	0	0	970	-24	0	0	971	-27	11	180	959	-29	9	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	958	-25	5	180	953	-25	5	180	971	-31	7	159	973	-25	0	0	962	-30	7	180	960	-31	5	149	968	-33	4	170
03	957	-30	2	83	958	-28	6	155	974	-30	10	180	971	-24	5	330	960	-30	6	180	962	-31	7	180	967	-33	3	180
06	955	-27	2	292	962	-30	8	180	975	-27	2	239	969	X	2	327	958	-33	3	169	964	-30	8	166	967	-31	4	180
09	953	-28	0	0	966	-31	9	180	977	-26	1	289	968	X	3	225	956	-32	2	236	966	-29	8	195	967	-33	2	304
12	951	-26	2	330	969	-31	8	180	977	-27	2	156	967	-31	4	180	954	-32	4	170	967	-33	2	174	966	-32	2	319
15	948	-27	4	314	970	-32	8	170	977	-24	0	0	966	-26	3	194	954	-32	8	180	968	-33	5	180	965	-33	2	309
18	947	-28	4	309	971	-32	13	176	976	-23	0	0	965	-32	3	180	955	-30	8	166	968	-31	9	180	965	-35	3	180
21	949	-28	4	166	971	-31	12	180	975	-25	1	270	963	-31	7	180	957	-30	11	188	968	-33	5	167	964	-33	3	180
		DAY	29			DAY	30																					
00	964	-31	0	0	960	-28	1	288																				
03	963	-30	1	233	959	-27	0	0																				
06	962	-34	3	189	958	-31	5	180																				
09	962	-33	5	180	957	-31	4	180																				
12	962	-32	2	201	956	-33	6	180																				
15	961	-31	3	198	954	-33	6	183																				
18	962	-32	3	206	951	-32	1	309																				
21	961	-32	1	360	948	-33	3	289																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.9 STD DEV = 5.2 MAX = -8.6 AT 1311 GMT ON DAY 11 MIN = -35.1 AT 1800 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 972.8 STD DEV = 14.7 MAX =1003.8 AT 2141 GMT ON DAY 14 MIN = 942.8 AT 1028 GMT ON DAY 11
* WINDS (M/S) * MEAN = 4.4 STD DEV = 4.1 RESULTANT = 3.4 FROM 184. CONSTANCY = .77 MAX = 24.6 FROM 172. AT 113 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.9 % 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:	33	30	12	9	6	5	2	1	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	2	0	0	0	0	0	0	13	46	8	4	3	4	5	10	3

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

OCT 83

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	-32	3	342	956	X	8	180	958	-28	1	30	948	-34	8	180	963	-29	6	180	946	-30	2	180	941	-22	5	257
03	943	-32	0	0	957	-27	12	180	954	-31	5	360	950	-33	8	179	961	-28	5	180	945	-28	2	301	942	-23	2	149
06	944	-33	2	260	959	-31	13	149	948	-31	9	345	953	-33	9	180	958	-29	3	191	943	-27	2	330	941	-23	4	270
09	945	-35	0	0	962	-31	7	167	945	-33	4	315	956	-35	8	180	955	-29	1	180	941	-26	1	225	942	-24	6	145
12	947	-35	5	180	963	-31	9	141	942	-32	4	309	959	-34	5	170	952	-29	1	339	941	-25	0	0	943	-28	7	180
15	949	-33	9	190	963	-32	7	180	941	-30	2	213	961	-34	5	159	949	-31	1	180	941	-24	1	198	945	-28	6	181
18	953	-31	9	160	962	-33	7	179	943	-33	5	180	962	-30	6	170	948	-31	3	186	941	-24	2	270	946	-27	2	206
21	956	-33	12	186	961	-32	2	289	946	-31	7	180	963	-28	7	132	946	-31	4	180	941	-22	0	0	946	-27	10	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	948	-26	6	197	939	-22	9	183	946	-20	6	141	944	-13	2	189	958	-15	5	180	964	-10	2	170	967	-15	3	180
03	948	-26	5	180	938	-19	3	225	947	-18	2	186	944	-11	6	189	957	-14	2	189	965	-12	3	161	968	-13	3	190
06	947	-26	4	180	938	-17	5	191	947	-18	2	231	944	-10	7	207	957	-16	8	166	965	-11	9	180	970	-14	4	170
09	946	-26	3	251	939	-18	5	180	947	-18	5	180	947	-14	9	176	956	-13	12	219	967	-11	10	176	972	-17	5	189
12	943	-26	6	277	939	-18	5	270	946	-18	3	206	947	-12	12	170	959	-16	3	187	967	-14	5	180	972	-17	6	172
15	941	-24	3	330	940	-18	3	287	945	-16	2	297	951	-16	18	141	962	-15	6	198	967	-13	3	180	971	-16	3	180
18	937	-22	3	315	942	-18	2	324	945	-15	4	190	956	-17	10	173	962	-14	3	339	966	-14	3	180	972	-16	1	342
21	938	-20	5	158	943	-18	8	258	944	-13	8	198	957	-17	7	180	963	-12	3	176	965	-16	6	180	973	-17	3	189
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	974	-14	5	83	985	-18	9	180	985	-8	1	90	984	-11	6	184	975	-14	1	360	968	-10	1	189	978	-15	14	141
03	976	-15	6	180	986	-17	3	180	986	-11	6	135	983	-12	4	176	975	-14	1	166	967	-10	2	218	979	-17	13	161
06	977	-15	6	176	987	-18	4	180	986	-11	7	180	982	-12	3	189	974	-13	1	217	966	-11	2	257	979	-17	11	167
09	979	-15	7	180	987	-19	3	117	988	-14	6	180	980	-13	1	218	972	-14	4	270	966	-11	1	37	978	-18	9	183
12	981	-16	6	180	986	-15	11	225	987	-14	7	166	978	-18	6	180	972	-13	2	270	966	-10	2	180	976	-18	4	184
15	981	-16	6	198	985	-14	12	226	986	-13	7	180	977	-17	2	335	972	-14	2	216	968	-13	9	149	973	-18	4	189
18	982	-16	5	180	985	-12	9	218	985	-12	7	180	976	-19	3	339	971	-13	0	0	971	-16	18	150	972	-17	2	180
21	983	-17	6	180	985	-11	3	270	985	-12	6	180	976	-17	5	180	969	-10	2	116	975	-18	21	152	969	-19	2	158
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	967	-17	4	166	954	-21	5	153	951	-11	0	0	965	-8	6	170	965	-9	6	180	959	-10	1	330	956	-14	6	149
03	965	-17	4	180	954	-19	4	152	952	-11	3	135	965	-7	6	150	964	-9	4	149	958	-10	3	309	955	-14	8	174
06	962	-17	4	180	954	-18	4	180	951	-8	13	208	966	-7	5	180	963	-9	1	149	958	-11	4	328	955	-16	9	180
09	960	-18	6	174	953	-20	1	161	954	-6	12	189	966	-8	6	177	961	-10	1	225	958	-12	4	301	955	-17	8	180
12	958	-20	4	156	953	-20	3	243	956	-9	10	170	966	-10	7	180	961	-11	2	155	958	-12	4	201	955	-19	9	180
15	956	-20	3	180	953	-19	1	153	959	-9	8	159	966	-10	5	198	959	-12	3	180	958	-14	6	179	956	-20	9	180
18	955	-20	4	180	952	-16	1	266	961	-9	12	149	965	-8	4	198	959	-13	3	173	958	-15	4	170	957	-18	12	181
21	955	-21	6	149	951	-14	1	231	964	-10	8	152	966	-10	3	189	959	-11	0	0	957	-14	4	149	958	-19	9	180
		DAY	29			DAY	30			DAY	31																	
00	958	-17	7	180	955	-17	3	180	954	-15	4	360																
03	957	-17	5	170	954	-16	1	168	954	-14	3	339																
06	957	-17	5	152	954	-14	0	0	954	-16	4	339																
09	957	-17	3	188	954	-15	1	248	953	-16	3	346																
12	957	-19	3	189	955	-17	4	173	954	-17	2	169																
15	956	-19	4	198	955	-18	2	180	956	-18	6	166																
18	956	-17	2	177	955	-16	1	149	957	-18	6	180																
21	955	-17	3	180	954	-15	2	281	959	-17	3	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -18.3 STD DEV = 7.2 MAX = -5.6 AT 943 GMT ON DAY 24 MIN = -35.7 AT 1217 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 959.6 STD DEV = 12.9 MAX = 987.7 AT 908 GMT ON DAY 17 MIN = 937.2 AT 1838 GMT ON DAY 8
* WINDS (M/S) * MEAN = 5.0 STD DEV = 3.4 RESULTANT = 3.9 FROM 180. CONSTANCY = .78 MAX = 23.0 FROM 145. AT 2050 GMT DAY 20
* 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:	19	26	21	17	9	2	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	1	0	0	0	1	1	3	15	50	6	5	2	4	2	2	6

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

NOV 83

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	960	-15	3	180	961	-12	2	349	957	-12	1	149	952	-12	3	180	947	-10	3	360	950	-10	2	349	957	-12	1	149
03	961	-14	2	148	959	-11	3	308	957	-12	0	0	951	-12	2	180	947	-11	3	339	949	-9	3	349	958	-12	3	149
06	962	-14	2	180	957	-11	3	309	956	-12	2	289	950	-12	1	186	947	-10	1	323	949	-9	1	339	959	-12	2	145
09	963	-16	2	324	957	-12	1	189	955	-12	2	248	950	-13	1	270	947	-12	1	301	950	-10	0	0	960	-13	3	180
12	963	-17	6	281	958	-13	4	180	955	-13	2	170	949	-14	2	263	948	-12	3	206	952	-13	9	161	961	-14	1	180
15	963	-17	1	352	958	-14	1	246	954	-14	4	270	949	-14	2	270	949	-12	3	246	955	-14	9	180	961	-14	3	270
18	963	-15	4	198	958	-13	2	170	953	-12	3	162	948	-13	1	195	949	-11	1	135	956	-14	4	165	962	-12	2	253
21	962	-14	1	360	958	-12	1	161	953	-13	5	153	948	-11	3	270	950	-11	3	359	956	-13	2	115	962	-10	3	323
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	962	-8	1	201	967	-8	12	218	970	-5	6	21	968	-9	9	180	969	-10	2	149	969	-9	3	161	966	-7	1	146
03	963	-7	0	0	969	-6	8	206	969	-5	3	53	969	-10	8	172	969	-9	3	179	968	-9	2	123	966	-7	2	360
06	963	-5	1	143	969	-4	10	225	969	-5	2	349	969	-11	7	172	968	-10	2	135	968	-8	1	356	965	-7	2	330
09	965	-9	2	167	971	-7	4	148	968	-7	2	360	970	-11	4	180	968	-10	2	339	967	-9	2	330	966	-9	7	125
12	965	-10	3	293	972	-8	2	338	967	-8	6	323	969	-11	4	180	968	-11	3	180	968	-10	2	161	967	-10	2	180
15	966	-8	7	210	970	-8	10	267	967	-7	2	121	969	-13	4	153	968	-12	3	189	967	-11	3	180	968	-11	5	172
18	966	-7	9	225	971	-7	7	243	968	-11	4	170	970	-12	2	180	969	-11	3	162	967	-11	1	146	969	-11	3	270
21	965	-7	13	211	970	-3	2	334	968	-9	4	170	969	-10	2	135	969	-9	6	134	966	-10	3	360	969	-9	3	312
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	969	-8	3	349	965	-7	5	349	964	-9	5	143	974	-10	10	141	970	-7	3	356	971	-7	9	161	961	-9	3	360
03	969	-8	4	309	964	-8	4	360	965	-10	8	141	975	-9	8	180	971	-7	2	117	970	-9	12	131	960	-8	3	15
06	969	-7	2	349	963	-8	6	353	965	-11	7	141	975	-10	6	149	971	-8	5	141	971	-11	10	141	959	-8	2	86
09	969	-7	0	0	962	-8	2	360	966	-12	4	158	974	-11	4	172	972	-9	6	170	970	-11	7	180	958	-9	4	170
12	968	-9	1	206	962	-9	1	283	968	-13	3	180	974	-11	1	180	972	-12	8	190	969	-11	4	180	957	-12	4	180
15	968	-9	1	260	962	-8	0	0	968	-11	4	170	972	-12	1	360	972	-12	7	172	967	-11	2	163	957	-12	4	180
18	967	-9	1	280	963	-8	2	135	971	-11	5	161	971	-11	2	339	972	-12	7	180	965	-10	0	0	957	-12	3	153
21	966	-8	3	349	964	-8	2	132	973	-10	10	124	971	-9	2	360	972	-10	9	141	963	-9	2	37	958	-10	2	170
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	959	-9	3	360	969	-4	4	360	966	-8	8	161	963	-7	3	24	960	-7	2	12	962	-9	5	149	960	-8	2	114
03	960	-8	4	360	969	-4	3	69	965	-9	6	188	963	-7	3	12	960	-7	4	360	962	-9	5	136	961	-7	2	15
06	962	-8	4	6	968	-4	2	360	964	-9	5	161	962	-7	3	45	961	-7	3	339	961	-8	4	170	961	-6	3	307
09	963	-7	1	360	968	-5	3	329	964	-8	3	180	962	-7	3	45	961	-7	1	248	961	-9	4	150	962	-7	3	280
12	965	-8	1	180	967	-6	0	0	964	-9	2	169	961	-8	2	288	962	-10	4	180	961	-9	2	149	963	-7	1	319
15	967	-7	2	315	966	-7	2	280	963	-9	2	266	961	-9	2	315	962	-10	3	167	960	-9	2	155	963	-8	0	0
18	968	-7	3	153	966	-7	5	180	964	-8	1	101	960	-8	2	307	963	-11	4	170	960	-10	2	149	964	-10	2	149
21	970	-4	0	0	966	-8	6	149	963	-7	1	22	960	-7	2	360	963	-10	5	162	960	-9	2	149	963	-8	1	101
		DAY	29			DAY	30																					
00	963	-7	5	360	965	-8	3	360																				
03	963	-6	7	8	966	-6	4	339																				
06	964	-8	4	22	X	X	X	X																				
09	965	-11	4	170	969	-7	2	110																				
12	965	-11	3	170	970	-10	7	180																				
15	965	-11	3	145	972	-11	7	180																				
18	965	-8	0	0	973	-11	8	170																				
21	965	-8	3	360	975	-10	7	179																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -9.5 STD DEV = 2.5 MAX = -2.6 AT 2157 GMT ON DAY 9 MIN = -17.6 AT 1142 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 963.5 STD DEV = 6.4 MAX = 975.2 AT 2255 GMT ON DAY 30 MIN = 946.4 AT 217 GMT ON DAY 5
* WINDS (M/S) * MEAN = 3.5 STD DEV = 2.5 RESULTANT = 1.3 FROM 175. CONSTANCY = .38 MAX = 18.0 FROM 218. AT 2035 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:	28	43	14	8	4	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	15	3	2	0	1	3	10	15	24	3	1	3	6	2	6	5

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

DEC 83

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	-9	7	143	978	-7	3	22	979	-6	2	22	979	-4	3	329	983	-4	3	141	980	-5	4	360	971	-3	6	139
03	976	-9	5	141	978	-7	3	12	979	-6	4	360	979	-4	3	28	983	-4	3	160	978	-5	4	10	972	-7	10	170
06	976	-9	2	141	978	-7	3	360	979	-6	5	360	979	-5	2	120	983	-4	5	150	976	-5	6	360	973	-10	9	152
09	977	-7	0	0	978	-7	3	314	979	-7	4	318	980	-5	2	141	984	-5	3	141	974	-5	5	335	974	-12	10	180
12	977	-8	2	270	978	-8	3	276	979	-8	2	312	980	-5	3	172	984	-5	1	161	973	-6	2	339	975	-13	12	177
15	977	-9	4	270	978	-8	1	324	979	-8	4	284	981	-6	5	163	983	-4	1	125	972	-5	1	339	976	-14	9	180
18	977	-8	2	324	979	-8	3	349	979	-7	3	309	982	-5	5	156	982	-4	1	360	970	-5	3	360	976	-14	8	170
21	978	-8	2	360	979	-7	3	15	979	-6	3	360	982	-5	2	141	981	-5	3	360	970	-5	2	360	977	-13	8	161
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	979	-12	6	149	979	-9	2	135	970	-5	5	141	969	-3	7	138	974	0	7	152	978	1	2	8	977	2	1	360
03	980	-11	6	138	977	-8	1	87	970	-5	6	141	969	-2	9	149	974	1	9	180	978	1	6	345	975	2	4	10
06	981	-11	5	155	975	-7	1	90	970	-5	3	159	969	-2	4	180	975	0	5	149	979	3	3	339	975	1	3	163
09	982	-11	3	141	974	-7	0	0	970	-6	2	141	969	-2	8	160	976	-1	2	360	979	1	1	45	975	1	5	170
12	983	-11	1	149	972	-7	0	0	969	-6	0	0	970	-3	2	162	977	-3	3	159	979	2	10	217	977	0	4	180
15	982	-11	1	114	971	-6	0	0	969	-6	4	180	972	-5	4	170	978	-3	3	294	979	0	2	267	976	0	5	169
18	981	-11	2	135	971	-6	3	181	969	-4	4	170	973	-1	5	161	978	-1	3	79	978	2	1	17	976	2	2	288
21	980	-10	1	153	971	-6	5	162	968	-3	7	148	974	0	2	160	978	0	1	90	977	2	4	339	975	3	4	342
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	974	2	3	360	970	2	2	360	971	1	2	37	974	-2	3	141	978	-3	2	12	976	-1	3	39	977	-5	4	145
03	973	2	3	360	970	1	3	45	970	0	3	141	974	-2	2	101	977	-3	4	360	976	-2	3	22	977	-4	3	138
06	972	2	3	20	969	0	2	51	971	-1	5	161	975	-2	3	37	977	-3	4	14	975	-2	4	360	978	-5	2	141
09	972	1	2	353	970	-1	3	12	971	-1	4	166	975	-3	3	37	977	-3	3	349	975	-3	3	8	978	-6	3	161
12	971	0	1	339	970	-1	1	22	972	-2	5	180	976	-3	3	37	977	-3	2	321	975	-3	3	360	979	-6	3	150
15	970	1	0	0	969	-1	0	0	972	-2	4	153	976	-3	2	45	977	-3	3	309	975	-3	3	301	979	-7	3	143
18	970	2	1	110	970	-1	1	45	973	-2	4	141	977	-4	2	18	976	-3	2	360	975	-3	3	309	980	-7	2	141
21	970	1	2	360	970	0	1	12	974	-2	3	111	977	-3	2	54	976	-2	2	39	976	-5	4	170	981	-5	1	69
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	981	-4	5	4	984	-1	3	12	983	-1	5	360	985	-2	3	37	986	-7	3	121	970	-4	2	12	969	-3	3	129
03	981	-3	6	14	985	-1	5	14	983	-1	5	360	985	-2	2	104	984	-5	2	101	969	-4	4	22	969	-2	3	161
06	982	-2	5	349	985	0	4	360	982	-1	5	345	986	-2	3	25	982	-5	1	22	969	-3	2	37	969	-2	1	143
09	982	-2	3	330	986	-2	1	360	981	-2	5	360	987	-6	4	149	980	-5	5	354	969	-3	2	170	968	-1	1	324
12	X	X	X	X	986	-2	3	309	981	-4	4	339	987	-6	3	141	978	-5	5	342	969	-3	3	153	967	-3	2	155
15	X	X	X	X	985	-3	1	335	981	-4	4	349	986	-7	5	149	975	-5	3	339	969	-4	2	141	965	-2	1	339
18	X	X	X	X	985	-2	4	354	982	-3	2	7	987	-8	5	149	973	-5	5	330	970	-3	2	163	964	-2	2	360
21	984	-3	3	360	985	-2	4	360	984	-2	2	20	986	-8	5	122	971	-4	5	330	970	-3	2	135	962	-1	3	360
		DAY	29			DAY	30			DAY	31																	
00	961	-2	3	27	963	-1	2	22	971	-3	3	23																
03	961	-1	4	360	964	-2	3	125	970	-4	4	360																
06	961	-1	2	90	965	-2	2	141	970	-3	7	13																
09	961	-1	2	44	966	-3	7	141	969	-4	4	360																
12	961	-2	1	360	969	-7	7	156	969	-4	5	349																
15	961	-3	1	346	970	-8	4	180	968	-4	4	354																
18	961	-4	2	141	971	-7	2	142	969	-3	2	72																
21	962	-1	3	360	971	-4	2	104	970	-2	1	198																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -3.7 STD DEV = 3.3 MAX = 4.2 AT 832 GMT ON DAY 13 MIN = -14.4 AT 1332 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 975.3 STD DEV = 5.9 MAX = 986.5 AT 853 GMT ON DAY 25 MIN = 960.4 AT 321 GMT ON DAY 29
* WINDS (M/S) * MEAN = 3.4 STD DEV = 2.0 RESULTANT = .6 FROM 94. CONSTANCY = .18 MAX = 13.6 FROM 118. AT 206 GMT DAY 11
* 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	49	21	5	3	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	21	11	6	1	3	3	15	15	8	0	0	0	2	2	5	8

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

JAN 83

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	1001	-1	0	0	995	-3	2	180	992	-8	4	177	982	-4	4	225	982	-6	6	225	989	-2	5	249	999	-3	6	211
03	1001	-2	0	0	995	-3	2	155	990	-7	4	180	981	-3	4	226	981	-5	3	206	991	-3	8	225	998	-2	6	225
06	999	-3	0	0	994	4	0	0	990	-7	4	212	981	-3	4	225	980	-5	2	333	993	-3	5	225	998	-3	4	198
09	999	-3	0	0	993	-6	3	108	988	-10	2	270	980	-4	4	248	980	-5	4	6	994	-3	0	0	998	-3	2	197
12	998	-5	1	141	993	-6	3	90	986	-11	3	257	981	-7	5	225	981	-4	3	339	996	-4	4	316	998	-3	1	283
15	997	-5	2	165	992	-5	2	180	984	-8	4	270	981	-7	4	217	982	-5	3	360	996	-3	3	260	998	-3	0	0
18	996	-5	1	48	993	-7	3	179	983	-6	4	270	981	-6	4	270	984	-2	2	338	997	-3	5	260	998	-1	0	0
21	996	-2	1	233	992	-8	5	198	983	-5	6	229	982	-7	9	225	986	-3	7	270	998	-3	5	226	998	-2	2	45
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	998	-2	2	1	998	-4	3	271	993	-2	4	360	994	-4	5	180	993	1	0	0	982	-3	1	54	984	-9	10	225
03	997	0	2	213	998	-3	3	309	993	-3	6	44	994	-5	6	180	991	-3	1	360	981	-3	3	141	985	-9	7	225
06	997	-3	4	180	998	-4	3	347	992	-1	2	360	994	-4	3	197	990	-5	3	37	979	-5	4	141	986	-9	4	218
09	997	-4	5	198	997	-4	3	37	992	-4	2	165	994	-6	6	198	989	-6	5	38	979	-9	3	183	988	-8	4	225
12	998	-6	4	191	996	-4	3	360	991	-8	0	0	994	-6	5	180	988	-8	5	360	979	-13	6	180	989	-10	2	252
15	998	-6	5	228	995	-7	6	10	992	-9	2	158	994	-7	5	180	986	-10	2	45	979	-15	3	225	990	-10	1	301
18	998	-5	4	225	995	-7	2	360	992	-8	5	180	993	-6	3	180	984	-9	1	54	981	-13	7	201	990	-7	1	307
21	998	-5	4	218	994	-3	4	45	993	-6	4	180	993	-3	0	0	983	-6	1	22	982	-11	9	218	990	-5	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	989	-4	3	45	985	-7	2	193	992	-6	6	210	989	-5	2	309	987	-5	4	180	993	-3	0	0	1000	-11	2	120
03	987	-4	4	45	986	-8	6	180	992	-6	2	228	988	-3	3	360	987	-3	1	189	993	-4	0	0	999	-8	2	118
06	985	-4	4	45	987	-9	7	180	990	-6	1	280	987	-3	3	309	988	-6	3	184	994	-5	1	360	999	-8	3	45
09	984	-6	2	52	989	-10	7	180	989	-9	3	360	986	-7	4	37	989	-8	2	189	995	-7	0	0	998	-10	4	70
12	983	-9	2	60	990	-10	8	187	988	-10	4	330	986	-10	3	54	990	-12	0	0	996	-10	4	302	997	-12	5	45
15	982	-12	1	45	991	-9	5	211	988	-13	2	353	985	-11	2	45	990	-12	1	180	997	-12	1	141	996	-13	3	65
18	983	-11	0	0	991	-8	6	225	989	-12	1	311	985	-11	2	96	991	-11	0	0	998	-14	1	141	995	-9	3	75
21	984	-8	1	177	992	-7	5	198	989	-8	1	260	986	-7	3	170	992	-8	0	0	999	-13	2	141	994	-7	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	994	0	1	101	996	-13	4	180	990	-10	3	179	984	-8	1	347	988	-9	4	180	998	-8	2	206	1002	-10	4	45
03	993	-2	2	170	995	-9	8	231	989	-9	3	180	983	-7	2	360	989	-8	4	162	999	-7	4	176	1001	-8	4	45
06	993	-5	4	141	994	-9	8	225	988	-10	1	218	983	-3	0	0	990	-8	4	180	1000	-7	3	172	1001	-9	5	37
09	993	-7	4	141	994	-9	8	222	987	-11	0	0	983	-7	1	22	992	-9	3	180	1000	-8	1	180	1000	-9	4	45
12	994	-9	7	162	993	-10	4	236	987	-16	0	0	984	-10	1	20	994	-10	1	206	1001	-9	0	0	1000	-10	5	70
15	995	-13	9	180	992	-12	3	225	986	-19	2	28	984	-14	2	48	995	-12	2	218	1001	-10	1	101	999	-11	4	90
18	996	-13	7	180	991	-12	2	198	985	-17	2	45	985	-14	1	90	996	-12	0	0	1002	-10	3	56	999	-10	3	90
21	997	-12	6	197	990	-11	2	198	984	-11	1	360	987	-10	2	120	997	-8	0	0	1002	-10	3	45	998	-9	3	90
		DAY	29			DAY	30			DAY	31																	
00	998	-8	4	111	1000	-14	9	180	999	-14	3	170																
03	998	-7	3	141	1000	-13	7	180	999	-12	1	149																
06	997	-6	4	141	999	-13	7	180	998	-13	1	127																
09	998	-7	3	201	999	-14	4	161	999	-14	1	120																
12	998	-9	3	231	999	-15	3	180	1000	-15	0	0																
15	998	-9	4	169	998	-15	3	180	1000	-14	4	141																
18	999	-10	8	180	998	-14	2	173	1001	-15	2	141																
21	999	-13	10	180	998	-14	3	170	1002	-14	2	167																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -7.5 STD DEV = 3.8 MAX = 4.9 AT 2316 GMT ON DAY 11 MIN = -19.0 AT 1452 GMT ON DAY 24
* PRESSURE (MB) * MEAN = 991.9 STD DEV = 6.2 MAX =1002.3 AT 2239 GMT ON DAY 31 MIN = 978.4 AT 1005 GMT ON DAY 13
* WINDS (M/S) * MEAN = 3.2 STD DEV = 2.2 RESULTANT = 1.3 FROM 193. CONSTANCY = .41 MAX = 12.8 FROM 226. AT 2313 GMT DAY 13
* 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:	35	33	21	7	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	7	2	13	2	4	3	6	4	23	10	14	2	5	1	3	3

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

FEB 83

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	1003	-13	4	180	1006	-16	6	180	1006	-14	0	0	1000	-8	4	360	1007	-5	4	360	1003	-8	1	346	1009	-16	4	189
03	1002	-12	4	170	1006	-15	6	198	1004	-12	1	235	999	-5	6	28	1008	-4	0	0	1001	-3	1	45	1009	-15	4	180
06	1003	-12	3	141	1006	-15	5	180	1004	-13	1	270	1000	-8	1	318	1008	-3	6	6	1001	-6	3	150	1009	-14	3	180
09	1003	-12	3	153	1006	-17	0	0	1003	-16	1	270	1001	-7	3	360	1009	-8	4	315	1003	-10	6	172	1009	-17	1	224
12	1004	-14	2	152	1005	-20	2	264	1003	-20	1	90	1002	-10	3	45	1008	-9	4	360	1005	-19	7	180	1009	-20	1	180
15	1005	-14	1	132	1005	-20	2	252	1002	-18	2	44	1003	-14	3	45	1008	-12	3	45	1007	-22	3	180	1008	-21	0	0
18	1005	-14	1	141	1005	-20	2	225	1001	-15	5	27	1004	-12	1	37	1006	-9	5	360	1008	-20	2	218	1007	-17	0	0
21	1006	-14	5	176	1006	-17	2	180	1000	-12	4	37	1006	-7	0	0	1005	-6	6	37	1009	-19	4	210	1006	-16	3	90
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	1005	-15	4	90	1004	-16	4	167	1006	-14	3	249	997	-11	0	0	982	-13	3	225	990	-22	5	180	998	-15	0	0
03	1004	-15	4	90	1005	-16	4	180	1006	-11	6	225	994	-9	0	0	982	-15	3	141	990	-19	5	184	998	-17	0	0
06	1003	-14	6	90	1006	-15	3	198	1006	-13	3	225	992	-11	1	243	982	-18	3	163	991	-18	7	173	997	-18	2	56
09	1002	-14	7	79	1006	-20	0	0	1006	-16	0	0	990	-17	1	289	983	-22	2	180	993	-18	6	189	997	-20	6	32
12	1001	-14	7	63	1006	-22	2	257	1005	-20	2	301	988	-16	2	281	985	-27	1	180	995	-17	8	198	996	-20	4	45
15	1001	-13	2	135	1006	-22	3	260	1003	-20	3	309	986	-19	1	339	986	-26	4	176	996	-18	5	180	996	-16	4	45
18	1002	-15	10	135	1006	-20	2	243	1001	-17	4	309	984	-17	0	0	987	-26	5	176	997	-21	3	214	996	-14	5	69
21	1002	-15	10	170	1006	-16	3	222	998	-13	0	0	983	X	0	0	989	-23	4	180	998	-18	0	0	995	-14	7	68
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	994	-12	8	45	990	-14	8	225	992	-19	3	190	986	-19	11	210	983	-22	4	97	984	-19	7	180	988	-21	7	225
03	993	-10	8	45	990	-16	9	225	992	-15	2	218	986	-17	10	225	982	-18	6	132	984	-19	7	180	988	-24	8	194
06	993	-11	7	45	990	-16	8	225	991	-15	4	176	986	-18	7	180	981	-17	9	141	984	-19	6	180	988	-25	9	187
09	992	-12	6	77	991	-17	3	225	991	-17	3	174	986	-17	5	221	981	-17	11	141	985	-20	3	180	989	-27	5	189
12	991	-12	8	69	991	-19	5	225	991	-18	2	149	987	-21	2	186	982	-18	10	153	986	-22	3	225	989	-31	4	180
15	990	-13	7	80	991	-23	0	0	989	-19	3	206	987	-27	0	0	982	-17	9	155	986	-25	3	212	988	-30	2	225
18	990	-13	2	45	991	-20	3	193	988	-20	5	189	986	-28	1	27	983	-19	6	180	987	-25	3	189	988	-29	3	181
21	990	-13	1	189	992	-22	0	0	987	-21	10	191	984	-24	3	54	983	-18	8	180	987	-22	2	225	988	-28	3	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	989	-28	4	225	986	-26	1	101	989	-20	2	54	996	-20	14	189	991	-20	8	169	989	-21	15	193	989	-26	8	186
03	988	-27	3	180	985	-23	1	141	990	-17	4	73	996	-20	14	180	990	-19	7	180	990	-21	12	190	989	-25	10	179
06	988	-27	2	166	984	-23	4	149	990	-16	5	90	996	-21	12	194	989	-19	5	206	990	-21	12	180	988	-25	8	180
09	988	-31	1	206	983	-22	4	172	990	-15	5	91	996	-20	10	180	988	-20	10	188	990	-22	10	180	988	-28	5	180
12	988	-32	0	0	983	-21	4	165	992	-15	6	159	995	-22	10	180	987	-19	8	180	991	-23	7	187	987	-32	3	180
15	987	-34	1	270	984	-29	3	200	992	-17	9	180	994	-21	10	180	987	-19	12	180	991	-26	5	180	986	-34	3	180
18	987	-30	0	0	986	-28	1	141	994	-19	13	180	993	-21	9	180	987	-20	12	180	990	-26	6	180	986	-35	3	206
21	987	-29	0	0	988	-24	2	72	995	-18	12	180	992	-21	9	159	988	-21	15	180	989	-27	6	180	985	-32	0	0

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -18.2 STD DEV = 6.0 MAX = .5 AT 351 GMT ON DAY 5 MIN = -35.2 AT 1807 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 994.6 STD DEV = 8.3 MAX =1009.3 AT 145 GMT ON DAY 7 MIN = 980.7 AT 607 GMT ON DAY 19
* WINDS (M/S) * MEAN = 4.6 STD DEV = 3.4 RESULTANT = 2.8 FROM 174. CONSTANCY = .60 MAX = 17.0 FROM 198. AT 2338 GMT DAY 26
* 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:	25	25	21	14	8	3	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	2	8	3	5	0	5	6	38	7	11	2	3	1	2	1

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

MAR 83

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	-29	0	0	982	-24	3	141	992	-20	16	204	1002	-21	3	225	995	-17	5	101	991	-29	0	0	980	-20	5	298
03	983	-28	0	0	982	-21	4	180	994	-19	14	180	1002	-20	1	206	995	-19	6	161	990	-27	1	243	982	-20	0	0
06	981	-29	0	0	982	-19	6	163	995	-19	9	194	1001	-21	1	141	995	-21	6	180	988	-25	1	270	984	-25	7	180
09	981	-30	0	0	981	-18	8	174	997	-18	12	180	1001	-27	1	322	995	-23	5	180	986	-32	2	301	987	-30	5	186
12	980	-33	2	90	981	-16	12	189	998	-19	9	197	1000	-28	2	349	995	-26	7	180	984	-30	3	271	988	-36	2	131
15	980	-28	2	158	983	-19	13	225	1000	-18	8	180	999	-27	3	360	994	-26	4	180	983	-26	4	270	989	-36	1	101
18	981	-30	3	153	987	-19	12	226	1001	-20	6	180	998	-26	3	360	993	-27	7	160	981	-23	6	270	988	-36	2	180
21	981	-28	2	141	990	-19	13	225	1002	-20	3	215	997	-22	4	90	993	-27	2	198	980	-21	7	283	989	-34	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	989	-32	1	359	983	-20	0	0	982	-23	1	189	973	-23	3	360	983	-29	17	180	984	-22	8	189	981	-26	7	219
03	988	-27	3	1	983	-23	1	325	981	-18	6	228	972	-22	2	330	983	-28	19	198	982	-22	10	225	980	-24	8	206
06	987	-23	3	309	982	-18	3	225	980	-21	2	240	972	-24	3	359	983	-28	18	225	982	-20	12	189	980	-26	6	214
09	987	-25	0	0	982	-20	5	225	979	-24	3	270	973	-27	2	356	982	-26	19	225	982	-23	8	180	980	-26	7	225
12	987	-27	4	354	983	-25	2	270	978	-19	5	225	974	-30	2	22	982	-26	20	218	982	-20	11	189	980	-25	10	212
15	986	-23	3	311	982	-26	1	278	976	-21	1	198	976	X	0	0	982	-26	18	206	982	-20	10	180	980	-26	6	206
18	985	-21	2	309	982	-24	1	316	975	-23	0	0	980	-29	17	189	984	-25	15	218	981	-22	10	198	980	-26	3	270
21	984	-22	0	0	982	X	0	'0	974	-23	3	309	983	-31	18	187	985	-24	11	207	981	-24	8	198	979	-21	3	240
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	979	-22	5	225	978	-27	2	297	979	-24	8	221	977	-25	4	198	980	-30	4	225	974	-24	3	45	975	-26	6	206
03	978	-22	5	180	977	-25	3	270	978	-20	6	225	976	-26	4	181	980	-29	3	218	972	-23	1	90	977	-27	4	224
06	978	-25	1	210	976	-17	8	231	978	-25	9	225	977	-23	5	217	979	-26	1	259	971	-22	1	135	978	-28	2	225
09	978	-30	0	0	978	-24	6	225	978	-24	10	225	977	-26	4	218	979	-27	0	0	970	-18	3	90	979	-32	2	225
12	978	-32	1	218	978	-24	9	211	978	-25	6	218	977	-24	9	225	978	-27	2	22	968	-17	1	246	980	-31	1	206
15	978	-31	1	123	978	-22	9	205	978	-27	4	240	979	-30	4	226	977	-26	3	101	968	-19	6	251	981	-30	1	149
18	978	-34	0	0	978	-25	10	180	977	-26	8	201	980	-27	8	203	976	-25	3	77	970	-23	8	225	982	-27	1	180
21	978	-31	1	231	979	-26	9	189	977	-27	3	225	981	-30	5	180	975	-25	4	55	973	-26	4	243	983	-29	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	983	-28	0	0	988	-23	2	96	989	-22	6	180	1002	-28	6	198	1000	-35	4	180	1000	-36	17	189	988	-29	18	225
03	984	-25	0	0	989	-24	1	90	990	-23	9	180	1002	-30	2	211	999	-35	4	207	999	-36	16	180	986	-27	16	225
06	985	-26	0	0	988	-23	3	90	993	-24	9	180	1002	-33	3	206	999	-35	6	206	998	-35	14	186	984	-25	16	212
09	985	-24	0	0	987	-22	6	55	995	-25	10	180	1002	-36	2	225	999	-33	13	218	997	-35	14	206	984	-27	15	225
12	986	-23	1	242	986	-20	6	45	997	-26	7	184	1001	-37	1	225	999	-34	11	206	994	-33	16	180	982	-25	16	208
15	986	-24	0	0	985	X	6	349	999	-27	6	179	1001	-37	3	205	999	-36	9	191	993	-30	14	180	982	-24	16	218
18	987	-25	1	159	987	-19	2	45	1000	-26	7	180	1000	-32	6	173	999	-36	16	195	991	-30	15	197	982	-24	14	218
21	988	-24	3	143	987	-15	2	10	1001	-27	7	180	1000	-34	4	189	1001	-37	13	189	989	-29	18	203	981	-23	19	205
		DAY	29			DAY	30			DAY	31																	
00	980	-21	21	225	981	-12	17	180	992	-17	14	188																
03	976	-19	23	225	982	-12	16	189	994	-17	10	225																
06	975	-18	24	210	983	-12	15	180	995	-17	9	212																
09	975	-16	19	204	984	-13	12	225	994	-19	11	225																
12	977	-15	19	225	986	-14	10	208	993	-19	10	225																
15	X	X	X	X	988	-15	10	225	992	-19	10	198																
18	979	-12	16	206	989	-15	15	197	992	-20	9	218																
21	980	-13	17	218	990	-16	15	218	990	-20	8	205																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.7 STD DEV = 5.4 MAX = -11.7 AT 1816 GMT ON DAY 29 MIN = -37.5 AT 1254 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 985.2 STD DEV = 8.3 MAX =1002.4 AT 757 GMT ON DAY 25 MIN = 967.3 AT 1407 GMT ON DAY 20
* WINDS (M/S) * MEAN = 6.7 STD DEV = 5.7 RESULTANT = 5.5 FROM 205. CONSTANCY = .82 MAX = 26.7 FROM 211. AT 852 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.6 % 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:	25	18	12	11	10	5	3	6	5	4	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	2	0	4	0	3	3	23	20	25	4	4	2	3	0

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

APR 83

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	987	-22	7	180	982	-28	9	187	982	-21	9	218	995	-32	2	270	990	-27	3	180	988	-30	10	198	991	-37	5	180
03	986	-23	7	184	982	-31	5	198	983	-22	6	201	996	-32	2	235	988	-26	5	180	989	-31	9	180	991	-38	3	198
06	985	-23	4	180	982	-33	1	270	984	-25	5	180	997	-32	1	235	986	-25	5	174	990	-32	7	218	990	-38	3	225
09	983	-26	4	197	982	-32	4	270	985	-24	6	225	998	-27	3	180	985	-24	8	158	990	-36	5	218	990	-36	4	225
12	981	-27	9	180	981	-26	7	269	987	-26	7	218	997	-27	0	0	986	-24	10	180	990	-36	6	180	989	-33	4	222
15	981	-29	9	184	980	-21	8	270	989	-27	3	232	996	-28	1	180	986	-27	10	180	991	-37	4	180	989	-32	4	225
18	981	-28	8	180	980	-22	4	231	991	-31	3	188	995	-29	0	0	987	-29	9	180	991	-41	3	243	988	-31	4	225
21	982	-26	9	180	981	-23	5	225	993	-32	2	225	992	-28	2	180	987	-32	10	191	991	-39	4	180	987	-27	6	270
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	987	-25	9	270	986	-35	2	249	986	-30	7	198	985	-26	12	218	978	-24	8	231	959	-15	8	198	994	-19	10	218
03	987	-26	10	218	985	-32	3	260	987	-30	7	225	985	-25	14	214	974	-22	11	246	965	-18	9	225	996	-18	10	180
06	987	-29	9	187	984	-30	4	225	988	-28	10	225	986	-28	10	180	969	-19	10	257	969	-18	7	229	997	-18	11	190
09	988	-31	4	243	983	-27	4	239	988	-27	13	225	985	-27	16	225	964	-17	9	225	976	-19	13	215	997	-20	9	193
12	988	-36	3	217	982	-27	8	225	988	-26	16	218	985	-26	15	180	960	-16	19	225	982	-19	11	225	995	-19	5	180
15	988	-38	3	225	982	-28	8	217	989	-28	7	225	985	-25	14	203	957	-14	19	229	985	-18	13	225	994	-21	1	183
18	988	-36	4	225	982	-30	7	225	988	-28	8	225	984	-26	8	222	957	-13	16	225	989	-18	10	224	991	-24	2	189
21	987	-36	4	206	983	-28	9	208	986	-27	11	225	981	-26	10	189	957	-15	13	218	992	-19	10	207	990	-25	2	190
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	988	-26	0	0	977	-22	6	218	971	-23	12	187	967	-28	9	218	962	-25	8	232	975	-20	11	225	966	-21	1	236
03	987	-26	3	189	975	-21	7	180	971	-22	10	180	966	-30	7	225	962	-22	12	270	975	-18	9	232	967	-21	0	0
06	985	-27	4	225	973	-21	10	180	970	-23	7	180	965	-32	5	225	962	-18	9	243	974	-19	12	212	968	-23	0	0
09	984	-25	8	191	972	-21	10	189	970	-23	5	180	964	-32	6	215	962	-14	18	225	974	-20	9	225	971	-26	2	225
12	X	X	X	X	972	-21	6	181	969	-25	5	184	963	-31	8	205	964	-14	13	219	973	-19	11	225	974	-23	6	180
15	X	X	X	X	971	-19	11	180	968	-24	13	203	962	-27	13	204	965	-14	17	225	970	-19	10	224	977	-25	3	251
18	979	-23	9	180	972	-20	11	184	968	-29	9	198	962	-27	12	225	968	-17	18	225	969	-17	7	248	980	-23	11	225
21	978	-23	8	210	972	-22	9	186	967	-28	9	212	963	-27	4	225	973	-18	12	225	967	-18	4	231	981	-21	14	210
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	982	-22	11	225	982	-24	4	208	978	-19	8	225	976	-24	11	200	967	-14	17	218	972	-23	14	195	981	-15	5	249
03	983	-23	9	225	981	-25	3	231	978	-20	9	211	977	-26	11	189	967	-15	11	225	976	-24	14	194	981	-18	0	0
06	983	-23	6	215	980	-24	6	239	978	-20	9	206	978	-24	8	189	965	-15	13	225	981	-29	9	180	980	-19	8	224
09	982	-26	2	233	980	-26	4	250	978	-20	9	205	977	-20	13	206	964	-14	18	219	983	-29	9	198	980	-22	7	225
12	982	-25	5	225	979	-27	3	243	978	-21	12	214	976	-18	13	212	964	-13	15	225	982	-17	14	225	978	-21	7	225
15	983	-27	2	189	979	-23	4	225	976	-22	12	225	973	-17	13	224	964	-13	16	211	983	-15	13	212	977	-19	9	222
18	982	-23	5	243	978	-23	5	231	976	-23	14	214	972	-16	14	225	966	-14	13	225	982	-17	10	205	976	-19	9	210
21	982	-23	5	225	978	-20	5	225	976	-23	13	218	969	-13	14	235	968	-17	11	180	982	-17	6	243	974	-20	11	225
		DAY	29			DAY	30																					
00	974	-17	10	225	974	-20	10	180																				
03	974	-17	7	210	978	-24	12	180																				
06	973	-14	12	215	981	-24	13	197																				
09	972	-16	5	243	983	-20	14	200																				
12	971	-13	15	225	983	-17	17	225																				
15	972	-12	10	225	981	-15	16	225																				
18	972	-10	13	212	978	-15	18	225																				
21	973	-14	5	191	977	-17	16	204																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -23.6 STD DEV = 6.1 MAX = -10.2 AT 1740 GMT ON DAY 29 MIN = -41.1 AT 1906 GMT ON DAY 6
* PRESSURE (MB) * MEAN = 979.4 STD DEV = 9.2 MAX = 998.0 AT 1047 GMT ON DAY 4 MIN = 956.7 AT 1829 GMT ON DAY 12
* WINDS (M/S) * MEAN = 8.3 STD DEV = 4.3 RESULTANT = 7.8 FROM 213. CONSTANCY = .93 MAX = 22.4 FROM 232. AT 1300 GMT DAY 12
* 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:	7	11	17	11	21	13	11	5	3	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	0	0	25	17	46	7	4	0	0	0

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

MAY 83

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	965	-16	18	218	X	X	X	X	983	-15	10	208	981	-20	7	189	988	-22	9	180	998	-27	4	180
03	975	-15	16	189	962	-15	20	206	972	-21	17	225	983	-16	9	225	981	-20	6	205	990	-27	3	187	998	-26	4	225
06	976	-17	14	205	963	-16	15	180	977	-18	11	180	982	-17	9	225	981	-23	3	225	991	-30	0	0	997	-26	4	195
09	976	-17	11	225	962	-16	11	225	982	-18	6	180	982	-16	10	225	982	-25	4	225	993	-28	5	170	997	-26	5	180
12	975	-17	14	210	961	-15	14	218	985	-18	9	203	982	-16	4	203	982	-24	7	198	995	-28	3	225	995	-26	9	163
15	973	-16	17	200	960	-15	17	211	984	-16	15	225	982	-17	4	232	983	-22	7	201	996	-29	5	225	994	-27	6	180
18	971	-16	16	206	960	-15	18	225	984	-14	14	225	981	-20	3	225	985	-27	4	218	997	-30	9	204	993	-29	7	180
21	968	-15	14	217	961	-13	25	212	985	-14	9	211	982	-18	2	161	986	-25	5	180	999	-28	4	189	991	-29	12	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	991	-29	7	180	982	-22	21	225	981	-22	17	189	982	-21	18	225	988	-22	12	188	984	-24	4	235	980	-31	10	180
03	990	-27	7	180	981	-23	22	210	981	-23	14	180	983	-20	20	225	988	-21	10	180	983	-25	6	190	980	-31	8	183
06	989	-25	10	189	979	-23	21	225	982	-22	14	183	982	-20	21	225	988	-23	7	180	982	-25	8	198	980	-32	8	180
09	987	-24	12	208	978	-22	17	207	982	-23	15	180	984	-20	16	201	988	-24	5	180	981	-27	6	180	980	-33	9	180
12	985	-23	17	225	978	-22	20	218	982	-22	12	197	985	-20	17	201	988	-26	3	218	981	-26	5	195	980	-32	6	161
15	984	-24	17	217	978	-22	20	218	983	-25	13	206	986	-20	16	189	987	-28	2	219	980	-26	7	190	981	-33	4	148
18	982	-24	19	225	979	-22	16	195	982	-21	15	180	987	-20	13	198	986	-26	3	225	979	-27	12	180	981	-33	2	141
21	983	-23	21	214	981	-22	14	195	982	-22	17	203	988	-21	13	191	985	-25	3	225	980	-29	11	180	981	-32	4	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	982	-31	4	141	994	-35	8	180	997	-31	16	191	994	-32	6	180	970	-31	0	0	976	-27	7	180	980	-35	2	349
03	982	-30	5	120	995	-35	7	180	997	-31	13	180	992	-37	0	0	970	-34	0	0	978	-30	7	180	982	-31	2	360
06	983	-29	3	120	996	-34	8	177	996	-30	14	190	989	-38	0	0	969	-35	0	0	978	-32	4	180	984	-31	1	309
09	985	-29	0	0	997	-33	9	180	995	-29	10	184	986	-39	0	0	968	-36	2	360	978	-35	0	0	986	-27	8	218
12	987	-29	1	141	997	-33	12	191	995	-29	12	193	982	-39	0	0	966	-27	6	360	978	-36	0	0	987	-29	4	211
15	989	-31	7	180	997	-32	14	180	995	-30	8	188	978	-36	0	0	965	-24	8	360	978	-40	0	0	X	X	X	X
18	990	-32	9	180	997	-32	14	180	994	-30	9	180	974	-35	0	0	967	-23	7	360	978	-36	4	330	986	-33	0	0
21	992	-33	8	198	998	-31	13	180	994	-31	4	218	971	-29	1	360	972	-26	3	54	979	-35	3	346	987	-28	1	270
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	988	-20	3	225	976	-18	6	225	979	-14	13	225	998	-17	13	198	1006	-20	7	225	998	-17	10	210
03	988	-25	0	0	989	-26	2	249	977	-21	7	219	982	-19	11	189	1000	-15	14	189	1006	-20	6	193	997	-16	11	225
06	989	-23	0	0	988	-24	6	221	976	-17	16	197	986	-20	10	208	1003	-17	9	206	1006	-22	6	206	996	-15	13	203
09	990	-23	2	233	984	-18	13	225	977	-18	14	225	987	-18	16	197	1004	-19	8	217	1005	-24	4	225	997	-16	9	180
12	990	-25	3	210	982	-18	13	225	977	-16	16	225	989	-17	12	225	1006	-20	4	221	1004	-23	6	207	997	-17	8	195
15	989	-23	2	225	980	-19	8	212	977	-14	14	225	991	-16	13	198	1006	-19	5	225	1002	-21	8	219	997	-21	6	204
18	988	-24	1	270	980	-25	9	207	978	-15	16	195	995	-17	13	189	1006	-20	5	225	1000	-20	11	210	997	-25	2	189
21	987	-23	3	309	978	-19	9	225	979	-16	15	225	997	-17	12	194	1006	-21	7	225	999	-18	11	225	997	-26	3	218
		DAY	29			DAY	30			DAY	31																	
00	997	-27	3	231	996	-25	10	225	979	-29	7	201																
03	997	-30	1	225	993	-26	7	207	979	-33	1	270																
06	997	-30	3	225	990	-27	5	198	977	-31	8	211																
09	996	-21	11	225	986	-30	4	260	977	-32	4	225																
12	997	-22	10	225	984	-31	4	225	976	-33	6	200																
15	998	-23	8	225	982	-33	0	0	976	-30	6	173																
18	997	-22	12	225	980	-35	0	0	975	-30	8	180																
21	997	-24	13	212	980	-27	11	225	975	-31	4	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.6 STD DEV = 6.3 MAX = -12.9 AT 1945 GMT ON DAY 2 MIN = -40.6 AT 1416 GMT ON DAY 18
* PRESSURE (MB) * MEAN = 985.4 STD DEV = 9.8 MAX =1006.6 AT 1852 GMT ON DAY 26 MIN = 960.1 AT 1346 GMT ON DAY 2
* WINDS (M/S) * MEAN = 8.5 STD DEV = 5.6 RESULTANT = 7.7 FROM 204. CONSTANCY = .91 MAX = 24.8 FROM 212. AT 113 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:	11	15	12	14	11	8	10	8	5	3	3	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	1	2	2	29	25	33	0	2	0	1	1

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

JUN 83

HR	PP	TT	VV	DD
		DAY	1	
00	X	X	X	X
03	976	-33	1	167
06	976	-36	0	0
09	976	-37	0	0
12	976	-34	2	45
15	977	-33	0	0
18	978	-37	0	0
21	980	-35	0	0
		DAY	8	
00	977	-28	10	225
03	978	-31	5	204
06	979	-34	1	270
09	979	-32	0	0
12	980	-35	0	0
15	982	-36	0	0
18	985	-38	2	206
21	987	-35	3	180
		DAY	15	
00	992	-47	2	212
03	992	-48	2	181
06	992	-48	2	180
09	991	-48	1	180
12	991	-49	1	180
15	990	-49	0	0
18	989	-47	0	0
21	988	-45	0	0
		DAY	22	
00	1007	-43	2	229
03	1006	-43	4	225
06	1006	-40	4	218
09	1004	-37	9	206
12	1004	-35	18	207
15	1002	-34	17	225
18	1000	-28	18	206
21	998	-26	22	208
		DAY	29	
00	996	-40	5	225
03	998	-41	9	218
06	1000	-39	6	198
09	1000	-42	0	0
12	999	-45	0	0
15	998	-45	0	0
18	996	-41	3	360
21	995	-36	4	360

PP	TT	VV	DD
	DAY	2	
980	-36	0	0
981	-38	0	0
981	-38	0	0
981	-36	0	0
981	-38	0	0
980	-39	1	90
980	-39	2	108
981	-37	4	131
	DAY	9	
988	-37	2	226
989	-38	0	0
990	-33	1	269
990	-33	0	0
990	-33	0	0
990	-33	0	0
990	-37	4	340
988	-37	2	349
	DAY	16	
986	-41	5	225
985	-45	4	205
984	-47	4	188
983	-48	2	225
983	-48	2	218
982	-46	0	0
982	-46	1	225
981	-44	3	211
	DAY	23	
999	-26	22	207
X	X	X	X
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	30	
994	-31	11	360
997	-32	1	360
998	-33	4	21
999	-32	1	360
1000	-32	0	0
1002	-37	10	180
1002	-36	12	180
1000	-39	14	180

PP	TT	VV	DD
	DAY	3	
981	-34	2	141
981	-36	3	180
981	-36	2	360
981	-37	3	174
981	-39	2	180
981	-41	0	0
980	-44	0	0
980	-44	0	0
	DAY	10	
986	-34	3	339
985	-34	4	309
985	-35	4	129
984	-36	2	10
983	-37	0	0
981	-36	3	80
980	-33	3	90
980	-31	4	150
	DAY	17	
981	-41	4	225
981	-36	6	231
982	-37	7	225
983	-38	5	229
983	-40	9	225
985	-41	9	225
985	-43	9	201
986	-45	5	195
	DAY	24	
1019	-30	13	206
1020	-29	13	180
1022	-29	8	189
1023	-28	8	180
1023	-30	1	180
1023	-32	2	221
1023	-34	1	225
1022	-26	9	225

PP	TT	VV	DD
	DAY	4	
980	-43	0	0
980	-44	0	0
979	-45	0	0
979	-45	2	262
978	-44	0	0
977	-44	0	0
976	-42	0	0
975	-39	2	270
	DAY	11	
981	-33	3	206
980	-36	4	198
981	-38	5	204
982	-38	5	180
983	-39	4	180
982	-42	3	198
982	-41	4	207
982	-41	5	218
	DAY	18	
985	-46	3	225
985	-47	3	215
984	-41	9	226
984	-43	4	228
983	-42	6	218
983	-43	5	225
984	-43	6	225
984	-43	7	235
	DAY	25	
1023	-28	7	225
1023	-30	4	221
1023	-29	2	225
1022	-33	0	0
1019	-30	0	0
1013	-26	0	0
1007	-17	4	221
1006	-22	8	218

PP	TT	VV	DD
	DAY	5	
974	-34	6	360
972	-34	4	243
971	-33	5	251
970	-27	7	225
969	-23	6	248
969	-23	8	215
967	-23	12	225
967	-21	12	225
	DAY	12	
982	-41	4	225
983	-43	2	243
984	-45	4	239
985	-46	0	0
986	-44	0	0
987	-46	0	0
987	-46	0	0
988	-43	0	0
	DAY	19	
986	-38	12	218
988	-35	12	206
988	-35	11	225
989	-34	13	222
990	-31	13	224
991	-26	14	225
992	-25	11	206
992	-27	8	225
	DAY	26	
1003	-22	14	206
1001	-23	13	180
1001	-24	14	195
999	-25	4	201
995	-33	0	0
992	-27	11	225
992	-27	11	232
994	-30	7	225

PP	TT	VV	DD
	DAY	6	
967	-19	15	212
968	-20	17	225
971	-24	12	180
974	-30	7	180
974	-29	6	198
975	-26	4	225
971	-23	16	200
972	-27	4	225
	DAY	13	
X	X	X	X
988	-36	2	101
988	-34	4	141
988	-34	8	150
989	-34	10	169
990	-34	10	180
990	-34	10	180
991	-36	13	180
	DAY	20	
993	-32	2	231
992	-35	4	309
990	-32	2	270
990	-36	3	349
991	-39	2	360
991	-40	1	360
991	-40	0	0
992	-37	0	0
	DAY	27	
994	-32	5	239
994	-34	6	225
996	-36	6	201
997	-37	4	243
996	-39	1	170
995	-40	0	0
994	-41	2	180
992	-40	4	174

PP	TT	VV	DD
	DAY	7	
971	-30	1	233
969	-33	2	107
967	-30	6	107
966	-32	4	90
970	-31	6	161
973	-35	2	210
974	-37	2	270
975	-27	14	203
	DAY	14	
991	-37	15	191
992	-39	11	180
992	-40	12	180
993	-40	8	180
992	-40	9	194
993	-40	5	172
993	-44	2	198
992	-46	2	180
	DAY	21	
994	-36	1	270
995	-30	2	225
996	-32	6	163
999	-31	5	206
1002	-33	6	191
1005	-36	8	198
1006	-40	9	180
1007	-42	5	186
	DAY	28	
991	-43	0	0
991	-44	0	0
991	-48	1	225
990	-47	2	238
991	-47	0	0
992	-47	2	256
993	-46	1	225
994	-45	1	225

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -36.3 STD DEV = 6.8 MAX = -16.7 AT 1803 GMT ON DAY 25 MIN = -49.4 AT 1229 GMT ON DAY 15
* PRESSURE (MB) * MEAN = 988.9 STD DEV = 12.3 MAX =1023.8 AT 1110 GMT ON DAY 24 MIN = 964.3 AT 1135 GMT ON DAY 28
* WINDS (M/S) * MEAN = 4.7 STD DEV = 4.7 RESULTANT = 3.8 FROM 206. CONSTANCY = .79 MAX = 25.3 FROM 194. AT 2340 GMT DAY 22
* 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:	35	19	16	7	6	6	5	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	7	1	1	0	3	2	2	3	20	19	33	5	4	0	1	1

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

JUL 83

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	997	-39	14	225	970	-25	8	252	976	-25	12	204	986	-38	7	225	987	-32	2	251	988	-32	9	225	974	-34	2	218
03	995	-37	16	215	968	-24	7	270	977	-24	10	225	987	-38	6	211	987	-35	2	206	989	-38	6	225	973	-37	1	225
06	991	-36	15	225	966	-22	7	270	978	-27	12	225	988	-38	5	200	989	-40	4	197	989	-37	7	212	972	-35	4	225
09	987	-35	15	200	964	-20	14	225	980	-27	9	225	988	-39	4	206	990	-39	1	180	986	-37	4	260	971	-37	0	0
12	983	-33	13	225	964	-21	15	214	981	-30	9	225	988	-39	3	225	991	-41	1	180	983	-34	0	0	970	-36	4	288
15	980	-32	13	224	967	-21	14	225	982	-31	7	218	988	-41	2	206	990	-38	0	0	979	-29	9	225	969	-32	4	287
18	976	-29	6	225	970	-23	12	225	983	-32	12	200	988	-41	0	0	990	-31	0	0	978	-31	5	225	969	-32	0	0
21	973	-26	7	245	973	-23	11	218	985	-37	9	206	987	-36	0	0	988	-30	0	0	976	-31	5	217	969	-29	8	225
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	969	-29	6	231	967	-28	7	215	974	-39	2	198	979	-26	7	270	995	-30	6	197	1003	-45	0	0	1000	-39	3	180
03	969	-28	5	266	968	-28	7	180	975	-37	1	225	979	-23	11	225	997	-34	1	233	1002	-42	3	37	999	-37	7	225
06	969	-30	5	225	968	-28	3	218	976	-35	3	225	980	-24	6	243	998	-38	0	0	1001	-39	3	45	1000	-36	8	203
09	970	-30	4	225	969	-33	1	225	977	-39	0	0	980	-21	15	225	998	-39	0	0	999	-35	1	45	999	-36	11	197
12	970	-33	1	271	969	-30	6	218	977	-36	4	270	982	-22	12	219	998	-43	0	0	998	-32	2	180	999	-42	10	180
15	969	-30	2	271	970	-32	5	201	977	-29	8	270	984	-23	16	225	998	-40	3	80	997	-31	2	180	999	-44	6	180
18	968	-28	4	287	970	-36	2	225	978	-27	8	270	989	-25	11	204	999	-39	0	0	998	-30	5	169	999	-45	4	205
21	967	-28	2	260	972	-37	3	198	979	-27	4	225	991	-28	7	189	1001	-44	2	180	999	-37	2	180	997	-45	6	193
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	997	-43	4	189	X	X	X	X	992	-40	8	197	992	-47	2	8	986	-38	0	0	982	-44	0	0	986	-37	3	314
03	996	-45	3	225	994	-49	0	0	993	-44	5	212	991	-49	0	0	986	-43	0	0	982	-41	4	251	987	-40	0	0
06	996	-43	5	205	993	-48	0	0	994	-46	3	225	991	-49	0	0	986	-42	0	0	981	-36	2	311	988	-43	2	360
09	997	-46	3	208	992	-47	0	0	995	-45	3	225	990	-44	0	0	985	-39	7	225	981	-40	0	0	989	-44	2	360
12	997	-45	3	181	992	-44	4	197	995	-45	3	238	989	-41	0	0	985	-41	5	218	982	-42	0	0	990	-42	0	0
15	997	-49	0	0	991	-41	7	218	995	-41	0	0	988	-43	0	0	984	-41	2	225	982	-40	2	309	990	-41	0	0
18	996	-46	0	0	991	-40	9	198	994	-46	0	0	987	-42	0	0	984	-40	2	219	983	-40	3	336	990	-43	1	360
21	996	-48	2	335	992	-40	9	206	993	-42	2	349	987	-40	0	0	983	-41	1	219	984	-43	2	356	989	-41	2	149
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	988	-36	1	141	974	-40	19	206	975	-42	2	270	973	-27	16	203	967	-36	2	222	969	-36	7	225	970	-39	5	225
03	986	-34	4	141	975	-40	15	198	977	-42	5	206	972	-30	13	189	967	-37	3	180	968	-36	8	203	970	-41	4	214
06	985	-34	5	180	974	-39	13	203	977	-39	11	180	971	-28	12	206	967	-36	1	225	969	-36	8	180	970	-41	8	193
09	982	-35	10	167	974	-38	12	211	978	-37	13	188	971	-26	12	183	967	-38	0	0	969	-36	8	180	971	-43	6	180
12	979	-38	13	180	975	-37	7	225	978	-36	12	195	970	-30	6	184	967	-38	0	0	969	-36	10	180	971	-45	6	180
15	978	-40	13	180	974	-39	3	225	978	-34	13	180	969	-34	3	221	968	-38	2	225	969	-36	13	187	971	-45	9	180
18	976	-41	16	195	974	-40	2	250	978	-32	8	180	968	-36	1	180	967	-34	9	225	969	-38	9	184	972	-42	9	198
21	975	-40	15	206	974	-41	3	250	975	-29	16	195	968	-39	0	0	968	-34	8	206	970	-38	8	180	972	-39	11	198
		DAY	29			DAY	30			DAY	31																	
00	972	-40	11	180	972	-37	10	180	979	-43	6	204																
03	972	-39	12	197	973	-37	8	180	979	-42	6	206																
06	971	-38	13	204	974	-38	6	187	979	-46	4	225																
09	971	-37	13	180	975	-41	4	217	978	-47	0	0																
12	970	-37	14	180	976	-42	5	206	977	-46	0	0																
15	971	-37	13	180	977	-44	3	225	975	-43	1	225																
18	971	-35	14	194	978	-46	3	225	973	-41	3	260																
21	972	-36	11	198	979	-45	2	235	972	-37	4	280																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -36.8 STD DEV = 6.4 MAX = -19.1 AT 938 GMT ON DAY 2 MIN = -50.6 AT 126 GMT ON DAY 18
* PRESSURE (MB) * MEAN = 981.2 STD DEV = 10.4 MAX =1003.5 AT 27 GMT ON DAY 13 MIN = 962.9 AT 1140 GMT ON DAY 2
* WINDS (M/S) * MEAN = 5.6 STD DEV = 4.7 RESULTANT = 4.9 FROM 209. CONSTANCY = .87 MAX = 20.3 FROM 205. AT 13 GMT DAY 23
* 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	18	12	13	8	6	8	4	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	0	1	0	0	0	1	1	20	24	34	4	7	1	1	1

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

AUG 83

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	973	-38	0	0	981	-43	4	191	X	X	X	X	X	X	X	X	968	-49	1	270	X	X	X	X	951	-25	10	225
03	973	-40	4	239	981	-45	3	225	974	-49	0	0	974	-48	0	0	966	-47	0	0	X	X	X	X	951	-27	7	225
06	975	-38	5	225	980	-47	2	225	973	-52	0	0	975	-43	1	270	964	-40	6	251	X	X	X	X	954	-30	3	224
09	976	-38	4	225	979	-46	0	0	973	-52	0	0	975	-45	1	270	962	-36	7	225	X	X	X	X	959	-35	10	208
12	978	-41	2	236	979	-47	0	0	973	-44	0	0	974	-45	1	257	960	-34	10	225	X	X	X	X	963	-39	4	206
15	979	-42	4	225	978	-38	0	0	973	-50	0	0	974	-47	1	257	958	-33	9	221	X	X	X	X	964	-33	8	231
18	980	-41	6	204	977	X	0	0	972	-47	2	270	972	-45	2	270	956	-32	9	225	X	X	X	X	965	-30	8	225
21	981	-44	3	225	976	-46	0	0	972	-49	0	0	971	-46	0	0	X	X	X	X	X	X	X	X	966	-30	7	217
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	969	-30	9	200	975	-45	3	218	978	-46	1	141	984	-49	1	142	X	X	X	X	X	X	X	X	984	-48	1	246
03	972	-36	5	225	976	-45	1	225	978	-49	0	0	984	-49	0	0	X	X	X	X	966	-50	0	0	985	-42	4	232
06	973	-38	4	211	976	-42	0	0	980	-45	0	0	984	-43	0	0	978	-57	0	0	X	X	X	X	988	-45	5	231
09	973	-40	3	236	977	-43	0	0	980	-48	0	0	X	X	X	X	X	X	X	X	969	-49	2	270	991	-45	7	218
12	974	-42	3	224	977	-43	0	0	X	X	X	X	983	-51	0	0	973	-50	1	280	971	-49	2	238	993	-41	6	225
15	973	-43	4	225	978	-44	0	0	X	X	X	X	983	-52	1	141	970	-49	2	270	974	-42	7	225	992	-35	13	224
18	974	-44	3	225	X	X	X	X	X	X	X	X	984	-54	2	142	967	-49	0	0	978	-43	8	180	992	-36	13	197
21	974	-46	3	225	X	X	X	X	983	-48	0	0	983	-51	6	174	966	-47	0	0	982	-45	3	218	992	-36	8	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	992	-41	2	270	X	X	X	X	X	X	X	X	975	-27	15	215	980	-26	11	219	988	-40	5	198	970	-31	6	231
03	X	X	X	X	975	-49	0	0	979	-42	6	198	974	-28	13	225	979	-24	11	225	987	-39	4	232	968	-32	3	249
06	X	X	X	X	975	-53	1	252	979	-38	4	270	974	-30	7	225	978	-24	17	225	985	-36	4	225	965	-27	4	270
09	X	X	X	X	X	X	X	X	977	-38	2	249	973	-26	13	221	977	-23	17	225	983	-35	5	225	964	-28	1	270
12	X	X	X	X	975	-52	1	270	975	-35	4	248	974	-27	17	218	978	-28	11	179	981	-36	6	225	964	-22	9	270
15	X	X	X	X	976	-50	1	270	975	-37	4	225	976	-28	12	190	983	-38	8	195	979	-33	7	224	963	-17	13	270
18	X	X	X	X	976	-50	2	270	974	-30	10	225	978	-26	12	206	987	-40	10	204	975	-30	9	218	965	-22	19	218
21	X	X	X	X	976	-47	1	252	976	-29	11	211	980	-27	10	225	988	-39	8	189	973	-30	9	225	979	-39	19	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	982	-37	21	225	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	984	-35	23	225	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 = -39.8 STD DEV = 8.4 MAX = -16.9 AT 1555 GMT ON DAY 21 MIN = -56.9 AT 649 GMT ON DAY 12
* PRESSURE (MB) * MEAN = 975.4 STD DEV = 8.0 MAX = 993.3 AT 1944 GMT ON DAY 14 MIN = 949.9 AT 43 GMT ON DAY 7
* WINDS (M/S) * MEAN = 5.0 STD DEV = 5.1 RESULTANT = 4.7 FROM 222. CONSTANCY = .93 MAX = 28.4 FROM 218. AT 148 GMT DAY 22
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 44.8 % PRESSURE: 44.4 % WINDS: 44.4 %

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:	40	13	14	9	9	7	4	1	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	0	0	0	0	4	0	6	11	53	10	16	0	0	0

STATION : 8907 FERRELL (ICE SHELF - NE)LAT : 78.0 S LONG : 170.8E ELEVATION : 45 M

DEC 83

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	981	-6	12	211	987	-5	10	193	986	-3	3	251
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	981	-5	13	218	988	-4	7	225	986	-2	6	249
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	982	-6	14	198	989	-4	6	225	985	-3	8	231
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	984	-6	11	206	989	-6	7	225	985	-4	12	231
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	985	-6	14	204	989	-7	5	205	985	-5	13	225
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	986	-9	9	225	989	-10	4	297	985	-5	13	221
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	987	-9	8	225	988	-8	3	309	984	-4	9	225
21	X	X	X	X	X	X	X	X	X	X	X	X	X	-9	31	233	987	-6	5	251	987	-5	3	309	984	-3	7	243
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	984	-3	8	225	980	-4	4	189	981	-5	1	45	985	1	0	0	988	-1	0	0	986	-6	4	183	987	-10	2	231
03	983	-2	7	250	980	-4	1	225	981	-5	3	90	985	-4	0	0	988	1	0	0	986	-6	3	189	987	-7	0	0
06	982	-2	6	231	980	-4	1	240	981	-4	1	90	985	-5	0	0	987	-4	3	51	985	-5	0	0	988	-8	1	180
09	981	-4	4	225	980	-6	1	206	981	-6	2	73	986	-6	1	86	987	-5	2	45	985	-8	1	224	989	-10	0	0
12	981	-8	4	231	980	-8	1	270	981	-9	2	111	986	-7	0	0	987	-6	2	360	985	-12	3	170	990	-10	0	0
15	980	-9	4	251	980	-7	0	0	982	-8	1	96	987	-7	1	45	986	-6	1	90	985	-12	0	0	989	-14	1	120
18	980	-8	3	221	981	-5	0	0	983	-8	1	111	987	-7	2	42	986	-6	0	0	986	-11	0	0	990	-12	0	0
21	980	-6	4	189	981	-6	0	0	984	-6	1	75	988	-4	1	22	986	-4	1	177	986	-11	2	206	991	-13	3	37
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	992	-10	3	360	994	-4	3	45	993	-4	1	360	995	-11	7	180	996	-11	5	218	980	-6	6	309	978	-9	5	211
03	992	-8	4	360	994	-3	3	56	992	-3	2	360	996	-11	8	180	994	-11	5	170	979	-4	5	360	977	-8	7	225
06	993	-5	1	37	995	-2	0	0	991	-3	2	360	996	-10	9	191	992	-10	0	0	978	-4	4	309	977	-7	7	233
09	993	-6	0	0	995	-6	2	90	990	-5	2	360	997	-11	6	194	990	-8	0	0	979	-5	0	0	976	-9	7	225
12	X	X	X	X	995	-9	1	90	990	-9	2	360	997	-12	3	212	988	-14	1	37	979	-10	3	153	976	-9	4	215
15	X	X	X	X	995	-11	0	0	990	-11	1	339	996	-12	4	218	985	-16	3	37	979	-12	2	180	974	-10	5	243
18	X	X	X	X	995	-10	0	0	991	-9	2	290	996	-12	7	189	983	-12	4	37	979	-11	9	204	973	-11	3	249
21	994	-4	1	90	994	-6	0	0	993	-9	5	198	996	-12	6	180	981	-9	5	45	979	-10	8	180	972	-5	0	0
		DAY	29			DAY	30			DAY	31																	
00	971	-5	2	263	971	-6	6	212	980	-8	10	214																
03	970	-4	4	225	972	-7	7	206	980	-7	5	235																
06	970	-6	4	198	974	-7	5	225	980	-6	0	0																
09	970	-7	2	226	975	-9	7	218	979	-8	2	37																
12	970	-9	1	243	977	-11	7	256	978	-10	4	360																
15	969	-10	3	270	978	-12	7	243	978	-10	1	6																
18	969	-6	7	260	979	-11	9	225	978	-7	1	10																
21	969	-5	7	260	980	-9	11	225	979	-6	2	270																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -7.2 STD DEV = 3.1 MAX = 3.4 AT 326 GMT ON DAY 19 MIN = -15.6 AT 1357 GMT ON DAY 26
* PRESSURE (MB) * MEAN = 984.3 STD DEV = 6.8 MAX = 996.7 AT 1038 GMT ON DAY 25 MIN = 968.6 AT 1814 GMT ON DAY 29
* WINDS (M/S) * MEAN = 4.0 STD DEV = 4.0 RESULTANT = 2.6 FROM 222. CONSTANCY = .66 MAX = 16.5 FROM 212. AT 137 GMT DAY 12
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 36.3 % PRESSURE: 36.7 % WINDS: 36.3 %

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:	42	18	15	13	6	2	3	1	0	0	0	0	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	9	1	11	2	6	2	0	1	11	12	26	9	5	2	3	1

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

JAN 83

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	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	995	X	6	180	991	-3	1	339	990	-4	3	180	995	-5	2	69	1003	-8	2	111
03	X	X	X	X	X	X	X	X	994	-5	2	4	991	-1	2	4	990	-3	0	0	996	-4	2	45	1002	-7	3	107
06	X	X	X	X	X	X	X	X	993	-4	2	360	989	0	0	0	991	-3	0	0	996	-4	2	27	1001	-7	3	69
09	X	X	X	X	X	X	X	X	991	-7	1	360	988	-4	1	90	992	-5	1	141	997	-5	1	104	1000	-9	2	77
12	X	X	X	X	X	X	X	X	991	-8	2	350	988	-9	1	309	992	-11	2	120	999	-9	0	0	1000	-11	2	90
15	X	X	X	X	X	X	X	X	991	-10	2	314	988	-10	2	186	993	-11	0	0	1000	-6	1	126	998	-13	1	108
18	X	X	X	X	X	X	X	X	991	-9	3	328	988	-10	1	139	994	-12	1	68	1001	-10	2	180	997	-10	0	0
21	X	X	X	X	X	X	X	X	991	-7	2	309	989	-6	0	0	995	-8	1	120	1002	-10	1	135	997	-7	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	997	-8	4	180	999	-11	1	360	992	-8	0	0	986	-6	1	30	991	-8	4	180	1001	-7	1	141	1005	-8	2	90
03	997	-6	4	180	998	-6	3	260	991	-7	0	0	985	-4	0	0	992	-6	4	188	1002	-5	2	93	1004	-5	1	90
06	997	-6	6	173	998	-6	3	206	991	-7	0	0	985	-4	1	37	994	-7	1	180	1003	-5	2	105	1003	-6	3	89
09	997	-8	5	180	997	-6	3	229	990	-10	1	79	985	-8	0	0	995	-6	0	0	1003	-7	1	141	1003	-7	2	111
12	998	-10	5	176	996	-9	1	129	989	-15	1	45	986	-6	2	118	997	-9	0	0	1003	-10	1	90	1002	-7	2	48
15	999	-11	5	141	995	-11	0	0	988	-17	1	18	987	-12	2	148	997	-13	0	0	1004	-11	3	69	1001	-8	2	45
18	1000	-11	5	122	994	-12	1	315	987	-14	0	0	988	-13	1	141	999	-11	1	333	1004	-10	3	83	1001	-7	1	45
21	1000	-11	2	96	993	-11	1	195	987	-9	0	0	990	-11	3	180	1000	-8	1	270	1004	-9	2	79	1001	-6	1	126
		DAY	29			DAY	30			DAY	31																	
00	1001	-5	1	149	1004	-12	6	170	1001	-11	2	135																
03	1000	-3	1	141	1004	-11	5	161	1001	-10	3	90																
06	1000	-5	2	149	1003	-11	3	141	1001	-11	3	104																
09	1001	-5	2	141	1002	-11	1	120	1001	-12	3	90																
12	1001	-6	2	161	1001	-12	0	0	1002	-12	3	83																
15	1001	-7	3	152	1001	-13	1	135	1003	-13	3	90																
18	1002	-9	7	180	1001	-13	1	79	1004	-13	3	141																
21	1003	-11	8	153	1001	-13	2	120	1005	-12	3	135																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -8.3 STD DEV = 3.1 MAX = 2.2 AT 608 GMT ON DAY 18 MIN = -16.9 AT 1330 GMT ON DAY 24
* PRESSURE (MB) * MEAN = 996.5 STD DEV = 5.6 MAX =1005.5 AT 2341 GMT ON DAY 31 MIN = 985.1 AT 827 GMT ON DAY 25
* WINDS (M/S) * MEAN = 1.9 STD DEV = 1.6 RESULTANT = 1.0 FROM 133. CONSTANCY = .53 MAX = 8.5 FROM 155. AT 2049 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 52.0 % PRESSURE: 51.6 % WINDS: 51.6 %

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:	64	27	5	3	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	6	3	6	5	16	13	17	7	15	2	1	0	2	0	4	3

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

FEB 83

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	1010	-12	3	141	1014	-13	4	139	1013	-11	0	0	1007	-11	0	0	1015	-5	0	0	1011	-6	0	0	1017	-14	2	141
03	1010	-11	3	141	1014	-13	1	141	1012	-12	1	162	1006	-4	0	0	1016	-6	2	180	1009	-5	0	0	1017	-12	1	115
06	1011	-11	3	141	1014	-16	1	360	1012	-10	0	0	1007	-4	2	65	1016	-10	2	184	1009	-10	6	187	1017	-13	1	90
09	1011	-11	3	159	1013	-18	0	0	1011	-12	0	0	1008	-12	0	0	1016	-12	1	37	1011	-12	4	170	1016	-12	2	90
12	1012	-12	3	180	1013	-17	1	97	1010	-14	2	161	1008	-10	1	57	1016	-14	0	0	1013	-18	3	141	1016	-13	3	90
15	1013	-12	2	180	1013	-20	1	349	1008	-14	2	75	1010	-14	0	0	1015	-14	0	0	1015	-22	0	0	1015	-13	3	90
18	1013	-12	4	180	1012	-14	2	270	1008	-12	0	0	1011	-9	1	76	1014	-14	0	0	1016	-19	0	0	1014	-13	2	90
21	1014	-15	3	166	1013	-16	0	0	1007	-12	1	37	1013	-7	1	108	1012	-9	0	0	1017	-14	0	0	1013	-12	3	135
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	1013	-12	3	90	1013	-13	0	0	1014	-12	3	316	1003	-9	2	105	990	-11	0	0	997	-16	3	101	1005	-12	1	12
03	1011	-11	3	101	1013	-12	0	0	1014	-9	2	301	1001	-9	2	138	989	-10	1	15	998	-14	2	132	1005	-14	3	45
06	1010	-11	3	165	1014	-12	0	0	1014	-7	2	289	999	-10	1	360	990	-13	3	90	1000	-13	1	97	1004	-17	2	41
09	1009	-12	5	180	1014	-16	1	236	1014	-12	3	288	997	-12	2	45	991	-16	1	111	1001	-13	3	161	1003	-18	3	76
12	1009	-13	9	163	1014	-16	3	260	1013	-13	3	295	995	-14	2	134	992	-19	0	0	1003	-14	3	360	1003	-15	1	141
15	1009	-13	8	180	1013	-17	2	280	1010	-11	4	270	992	-19	0	0	994	-19	1	352	1003	-16	1	315	1002	-13	4	45
18	1010	-14	6	180	1013	-18	3	309	1007	-6	5	270	991	-20	3	141	995	-18	3	97	1004	-17	2	270	1001	-12	4	45
21	1012	-14	3	160	1014	-17	2	298	1005	-9	2	360	990	-15	1	161	996	-19	3	90	1005	-14	0	0	1000	-10	5	90
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1000	-10	3	225	1000	-13	7	180	999	-18	3	115	994	-15	1	324	991	-21	4	148	993	-18	4	180	996	-22	1	120
03	1000	-11	8	180	999	-12	6	180	999	-14	3	141	994	-14	1	360	990	-19	5	159	993	-16	0	0	996	-21	1	39
06	1000	-13	8	180	999	-13	2	180	998	-15	1	139	994	-11	1	54	990	-18	6	180	992	-17	0	0	996	-24	1	117
09	999	-13	8	180	998	-14	2	360	998	-15	4	174	994	-17	3	131	990	-16	8	180	993	-18	0	0	996	-27	2	12
12	999	-14	9	189	998	-20	0	0	998	-15	2	180	994	-17	1	52	991	-17	6	180	993	-19	0	0	996	-28	1	315
15	999	-14	9	189	998	-22	1	360	997	-16	4	180	993	-20	2	141	991	-17	5	176	993	-20	0	0	995	-27	1	90
18	999	-13	9	180	998	-25	1	97	996	-16	0	0	992	-25	2	111	991	-17	4	180	994	-20	1	166	995	-27	0	0
21	999	-12	9	180	999	-21	0	0	995	-15	0	0	991	-23	4	149	992	-18	4	180	995	-23	1	135	995	-26	1	37
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	996	-19	1	161	993	-22	1	122	996	-22	3	141	1006	-13	2	330	1000	-18	3	180	997	-18	10	174	998	-23	1	69
03	996	-21	1	90	992	-21	2	141	996	-17	2	165	1005	-13	3	225	999	-18	4	180	998	-17	6	177	997	-22	0	0
06	995	-23	1	79	992	-22	2	141	997	-18	3	180	1005	-15	6	177	998	-17	5	180	999	-18	7	180	996	-25	1	54
09	995	-25	0	0	991	-23	3	160	998	-16	5	162	1005	-16	7	170	997	-18	4	180	998	-18	6	180	996	-28	3	45
12	995	-26	0	0	991	-25	2	139	1000	-16	8	172	1004	-16	4	180	997	-17	5	180	999	-19	5	180	995	-29	2	45
15	994	-32	1	69	992	-27	0	0	1001	-15	11	180	1002	-17	6	161	997	-18	0	0	999	-21	6	170	994	-31	2	32
18	994	-32	1	120	993	-28	1	180	1002	-13	7	176	1002	-18	5	180	997	-18	8	180	998	-24	1	90	993	-31	1	45
21	994	-28	1	101	994	-26	1	153	1005	-12	3	206	1001	-17	4	165	997	-19	10	180	998	-24	1	90	992	-29	0	0

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MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -16.1 STD DEV = 5.5 MAX = -2.4 AT 17 GMT ON DAY 5 MIN = -33.0 AT 1704 GMT ON DAY 22
* PRESSURE (MB) * MEAN =1002.3 STD DEV = 8.3 MAX =1017.2 AT 2333 GMT ON DAY 6 MIN = 989.1 AT 359 GMT ON DAY 12
* WINDS (M/S) * MEAN = 2.6 STD DEV = 2.4 RESULTANT = 1.6 FROM 163. CONSTANCY = .62 MAX = 12.2 FROM 176. AT 2156 GMT DAY 26
* 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	29	10	5	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	5	2	8	4	12	6	12	11	29	1	2	0	3	3	3	1

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

MAR 83

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	991	-22	0	0	989	-27	2	170	1001	-14	8	186	1010	-20	1	360	1003	-17	6	180	998	-21	2	101	987	-14	4	276
03	990	-23	1	44	990	-20	2	180	1003	-13	4	248	1009	-18	0	0	1003	-19	6	180	997	-22	1	69	988	-13	5	180
06	988	-25	2	117	990	-22	2	170	1004	-13	1	340	1008	-17	0	0	1003	-21	7	180	995	-26	1	330	991	-23	6	116
09	988	-30	3	149	991	-20	3	176	1005	-14	2	22	1008	-22	1	131	1003	-21	3	141	993	-27	2	301	994	-28	3	66
12	987	-32	2	161	992	-15	6	225	1007	-14	1	120	1006	-23	3	37	1003	-23	3	127	992	-28	3	289	995	-33	3	45
15	987	-32	2	141	994	-17	3	280	1008	-15	1	120	1005	-28	2	22	1002	-23	1	45	991	-26	4	301	995	-34	3	44
18	988	-29	1	162	997	-14	5	256	1009	-17	2	45	1004	-27	1	180	1001	-22	1	41	989	-25	4	289	996	-34	0	0
21	989	-28	1	45	999	-14	8	180	1009	-18	3	120	1004	-24	2	180	1000	-22	1	90	988	-21	3	302	996	-32	1	45
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	995	-28	2	30	991	-19	0	0	989	-18	0	0	980	-17	3	360	994	-27	8	180	992	-20	0	0	989	-26	0	0
03	995	-25	3	318	990	-19	4	333	988	-18	2	349	979	-19	1	360	994	-24	1	270	991	-18	4	141	988	-24	0	0
06	994	-25	2	330	989	-16	3	309	987	-20	1	301	979	-19	3	354	994	-24	1	37	990	-18	5	170	988	-31	0	0
09	994	-24	2	330	990	-13	2	260	986	-20	0	0	979	-23	1	360	993	-24	2	66	991	-20	6	180	988	-26	0	0
12	993	-23	1	360	989	-21	2	330	985	-21	1	90	980	-21	2	315	993	-20	0	0	991	-21	6	194	988	-32	2	325
15	993	-25	0	0	989	-22	1	307	983	-18	0	0	982	-15	10	180	994	-20	3	143	991	-20	3	189	987	-26	2	349
18	992	-22	0	0	989	-23	0	0	982	-19	2	56	988	-25	11	180	994	-20	7	180	990	-25	2	180	987	-26	2	270
21	991	-18	0	0	989	-23	1	143	981	-18	3	360	992	-27	10	167	994	-20	3	193	989	-26	3	180	986	-26	2	72
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	986	-21	2	174	985	-30	0	0	988	-22	2	121	984	-25	0	0	988	-29	2	54	980	-22	1	141	982	-25	3	45
03	986	-23	2	180	985	-21	3	283	986	-16	2	276	983	-23	0	0	987	-24	1	37	979	-28	2	149	983	-25	1	360
06	985	-24	0	0	985	-14	2	292	987	-20	1	161	984	-25	0	0	986	-23	2	4	978	-31	2	206	985	-30	1	360
09	985	-24	0	0	986	-17	2	135	987	-20	0	0	985	-26	0	0	985	-22	0	0	977	-32	2	167	986	-30	0	0
12	985	-26	0	0	987	-18	0	0	986	-21	0	0	986	-24	0	0	984	-22	2	101	977	-25	1	249	987	-25	1	64
15	985	-32	0	0	987	-20	1	100	986	-22	0	0	987	-23	2	280	983	-22	3	141	977	-22	3	270	988	-29	1	4
18	984	X	1	349	987	-23	3	45	985	-24	0	0	988	-21	2	149	982	-23	3	156	979	-29	2	289	989	-26	1	69
21	985	-33	0	0	988	-21	3	161	985	-25	1	79	988	-27	2	90	981	-22	4	83	980	-25	0	0	990	-28	1	101
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	990	-26	0	0	995	-30	1	162	997	-24	7	180	1010	-26	3	176	1007	-29	3	141	1010	-30	7	180	998	-33	0	0
03	991	-29	2	120	995	-30	1	141	999	-24	4	180	1010	-26	2	131	1007	-29	3	148	1009	-31	9	180	996	-26	2	143
06	992	-31	2	122	995	-29	2	141	1001	-24	1	141	1009	-30	1	141	1007	-29	5	180	1008	-32	7	181	994	-29	3	309
09	992	-31	1	161	994	-27	0	0	1003	-25	4	161	1010	-31	1	120	1008	-31	6	170	1007	-31	4	170	993	-29	2	307
12	993	-34	1	148	993	-24	0	0	1005	-25	3	159	1009	-29	0	0	1008	-32	9	180	1005	-30	10	180	992	-26	1	117
15	993	-31	1	170	992	-22	0	0	1007	-26	5	145	1008	-28	0	0	1007	-31	8	176	1003	-30	7	180	992	-25	1	239
18	994	-28	1	150	993	-22	4	180	1008	-27	3	161	1008	-28	2	152	1009	-32	2	42	1001	-30	8	170	992	-27	2	45
21	995	-33	1	158	994	-23	9	180	1009	-27	3	180	1008	-29	2	135	1010	-32	5	180	1000	-32	1	231	992	-21	1	301
		DAY	29			DAY	30			DAY	31																	
00	991	-17	3	243	991	-8	15	201	1002	-12	1	198																
03	990	-14	7	243	991	-8	18	206	1002	-13	4	180																
06	985	-13	17	197	992	-8	14	189	1002	-13	1	69																
09	983	-11	26	201	996	-12	4	180	1002	-13	0	0																
12	985	-11	25	218	996	-9	6	198	1002	-15	3	180																
15	987	-10	23	203	998	-11	2	213	1000	-17	6	180																
18	988	-10	18	218	999	-10	0	0	999	-18	4	170																
21	991	-10	17	180	1001	-12	0	0	998	-20	4	162																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -22.9 STD DEV = 6.0 MAX = -7.6 AT 106 GMT ON DAY 30 MIN = -35.6 AT 2216 GMT ON DAY 27
* PRESSURE (MB) * MEAN = 993.1 STD DEV = 8.5 MAX =1010.6 AT 2342 GMT ON DAY 26 MIN = 976.9 AT 1337 GMT ON DAY 20
* WINDS (M/S) * MEAN = 3.1 STD DEV = 3.9 RESULTANT = 1.8 FROM 185. CONSTANCY = .57 MAX = 29.2 FROM 194. AT 843 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:	50	29	8	6	2	2	0	1	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	7	1	8	3	4	5	9	10	24	5	2	3	4	5	3	3

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

APR 83

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	-21	1	141	990	-27	1	111	990	-19	4	180	1001	-30	0	0	998	-30	2	180	996	-36	1	1	999	-35	0	0
03	994	-20	3	141	990	-26	2	53	990	-20	0	0	1003	-30	2	93	996	-28	1	141	996	X	3	168	998	-33	0	0
06	992	-22	1	141	990	-25	0	0	991	-22	2	101	1004	-32	2	65	995	-29	4	179	997	-33	3	180	998	-32	1	270
09	991	-23	2	122	990	-28	4	309	993	-22	4	180	1004	-33	2	54	994	-28	4	184	997	-33	4	222	997	-33	0	0
12	990	-23	3	149	989	-26	5	276	995	-25	2	330	1004	-35	0	0	995	-27	2	180	998	-34	2	90	997	-33	0	0
15	989	-23	3	180	988	-19	5	270	996	-27	0	0	1003	-30	1	149	994	-26	1	54	998	-36	2	45	996	-34	0	0
18	989	-24	3	180	988	-17	5	270	998	-27	1	120	1002	-27	0	0	994	-30	1	90	999	-34	2	45	996	-29	3	267
21	989	-26	3	180	988	-17	4	239	1000	-34	2	360	999	-33	1	161	995	-31	0	0	999	-36	1	84	995	-27	3	270
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	995	-26	4	285	993	-29	2	111	994	-20	3	170	995	-21	6	224	987	-22	3	309	966	-7	13	243	1003	-14	9	189
03	995	-22	2	301	993	-28	0	0	995	-22	3	146	994	-21	7	200	983	-21	4	288	974	-14	7	180	1003	-14	8	189
06	995	-21	2	260	992	-24	2	69	996	-26	1	270	996	-20	2	76	978	-16	5	293	978	-13	9	204	1004	-14	9	183
09	995	-25	2	54	990	-20	3	312	997	-23	1	189	996	-22	4	218	974	-14	6	270	987	-16	3	203	1005	-19	5	114
12	995	-30	2	129	991	-21	3	90	997	-28	2	300	995	-21	1	360	970	-11	8	260	990	-14	8	180	1003	-17	1	27
15	996	-31	3	180	992	-21	3	211	998	-22	2	270	995	-21	0	0	967	-11	4	270	993	-15	4	225	1001	-18	1	73
18	995	-30	3	149	992	-23	1	198	996	-26	3	309	993	-19	1	304	966	-9	8	239	996	-14	14	210	998	-25	0	0
21	994	-32	0	0	992	-21	4	201	995	-29	2	225	991	-20	5	180	965	-9	10	225	1000	-16	0	0	996	-21	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	995	-31	0	0	984	-20	3	257	979	-18	11	184	975	-27	1	270	971	-21	4	235	985	-15	8	189	972	-22	1	45
03	994	-31	1	141	982	-18	2	270	980	-20	2	180	974	-27	0	0	971	-20	4	285	983	-13	11	197	973	-22	1	189
06	993	-26	1	346	981	-18	2	301	978	-21	0	0	972	-30	2	64	971	-19	5	270	983	-13	5	190	975	-21	2	190
09	991	-30	1	336	980	-20	2	141	978	-23	0	0	972	-29	2	41	971	-10	15	225	984	-14	6	206	978	-19	4	149
12	X	X	X	X	980	-18	5	170	977	-24	1	162	971	-28	0	0	971	-10	16	221	982	-14	2	243	982	-23	2	45
15	X	X	X	X	980	-17	6	180	977	-28	0	0	970	-25	1	193	971	-10	22	180	979	-14	3	360	985	-20	8	251
18	987	-22	1	270	979	-18	6	165	976	-26	3	158	970	-24	4	309	975	-11	22	189	976	-11	0	0	988	-18	11	225
21	986	-21	1	232	979	-18	9	180	975	-29	2	323	969	-25	6	270	983	-12	6	180	973	-17	1	270	989	-18	12	189
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	991	-16	9	231	989	-22	3	333	985	-18	2	309	985	-18	6	166	977	-9	7	210	982	-17	6	173	988	-12	4	270
03	991	-17	3	76	988	-24	2	289	985	-16	0	0	985	-19	5	141	976	-10	3	260	986	-17	4	128	987	-13	6	269
06	990	-17	3	200	987	-19	1	307	986	-17	1	141	986	-17	4	180	973	-10	2	280	989	-17	4	90	988	-21	0	0
09	990	-17	4	311	987	-20	3	173	986	-18	1	146	984	-15	11	197	973	-13	0	0	991	-22	2	45	987	-18	0	0
12	990	-19	2	170	987	-26	3	51	986	-19	1	309	984	-13	3	195	973	-9	7	225	992	-13	3	251	986	-22	0	0
15	991	-22	0	0	986	-23	1	45	985	-21	2	149	983	-13	2	181	973	-9	8	211	992	-11	3	193	985	-21	2	150
18	990	-22	2	309	985	-24	1	339	985	-16	6	243	981	-12	4	210	976	-8	3	270	991	-10	3	251	983	-21	1	343
21	990	-18	0	0	985	-18	0	0	985	-16	7	198	978	-11	3	300	978	-10	5	218	990	-11	5	309	982	-14	3	210
		DAY	29			DAY	30																					
00	982	-14	1	360	982	-9	4	120																				
03	980	-11	3	316	987	-15	4	143																				
06	981	-11	1	258	990	-18	6	167																				
09	979	-11	4	309	992	-13	5	204																				
12	979	-8	9	198	993	-11	7	216																				
15	980	-9	5	309	990	-10	14	206																				
18	979	-7	15	194	988	-8	11	189																				
21	978	-8	16	225	983	-8	19	191																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -20.5 STD DEV = 7.1 MAX = -6.1 AT 1935 GMT ON DAY 29 MIN = -38.0 AT 1635 GMT ON DAY 6
* PRESSURE (MB) * MEAN = 987.4 STD DEV = 9.1 MAX =1004.6 AT 904 GMT ON DAY 14 MIN = 964.9 AT 1911 GMT ON DAY 12
* WINDS (M/S) * MEAN = 3.7 STD DEV = 3.8 RESULTANT = 2.3 FROM 208. CONSTANCY = .61 MAX = 23.4 FROM 201. AT 1441 GMT DAY 19
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % 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:	42	28	13	5	5	3	1	1	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	2	0	6	3	3	3	6	6	19	11	8	5	11	4	8	3

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

MAY 83

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	968	-9	13	180	974	-17	7	180	986	-9	4	186	983	-18	0	0	990	-21	2	360	1000	-24	1	45
03	980	-11	9	180	968	-10	6	206	974	-17	19	180	985	-11	2	327	983	-18	2	38	991	-20	2	10	999	-20	2	54
06	979	-10	12	184	967	-8	5	161	979	-15	13	180	985	-15	1	239	983	-18	2	45	993	-19	0	0	999	-24	3	156
09	980	-12	12	190	966	-7	4	281	984	-14	11	181	985	-12	1	360	983	-17	3	45	995	-19	5	141	999	-25	1	90
12	979	-10	6	181	964	-10	5	180	988	-14	9	188	984	-12	2	339	984	-17	2	45	997	-22	1	170	997	-27	1	59
15	978	-10	0	0	964	-10	8	189	988	-13	8	195	983	-12	2	232	986	-23	1	143	998	-26	1	360	996	-28	0	0
18	976	-9	0	0	964	-10	17	189	988	-10	8	189	982	-14	0	0	987	-21	0	0	999	-27	3	356	995	-26	2	149
21	973	-15	3	357	965	-8	14	208	988	-10	3	284	982	-17	1	22	988	-23	1	360	1000	-23	3	45	995	-28	3	135
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	994	-28	0	0	987	-17	7	210	986	-17	1	289	987	-17	11	198	991	-14	2	177	987	-22	0	0	982	-29	4	141
03	992	-27	1	330	987	-18	12	214	986	-18	4	216	987	-16	11	180	990	X	6	180	985	-24	1	70	982	-30	2	113
06	991	-26	1	349	986	-18	9	231	986	-17	10	173	989	-15	10	225	990	-17	5	149	984	-22	0	0	982	-31	2	107
09	990	-22	1	347	984	-18	14	180	986	-17	5	231	989	-15	4	233	990	-19	0	0	983	-22	7	180	982	-32	3	90
12	989	-21	1	309	984	-17	5	225	986	-17	3	315	989	-13	7	233	990	-21	0	0	983	-23	5	139	982	-32	3	90
15	989	-22	0	0	983	-17	8	225	987	-17	6	189	989	-13	7	218	989	-22	1	360	982	-24	4	132	982	-34	2	103
18	989	-20	4	189	984	-18	12	214	987	-16	5	309	991	-14	1	90	988	-22	0	0	982	-26	4	149	982	-37	2	150
21	989	-19	3	233	984	-18	12	193	986	-13	2	191	991	-15	2	124	987	-21	0	0	982	-27	3	149	982	-38	2	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	983	-38	2	180	996	-33	0	0	1001	-28	2	360	995	-36	1	360	971	-32	2	354	977	-23	8	180	981	-21	7	270
03	984	-41	2	148	997	-37	1	360	1000	-28	1	360	993	-37	3	346	971	X	0	0	979	-24	5	180	982	-21	7	266
06	985	-38	0	0	998	-35	0	0	999	-26	3	142	990	-35	2	309	970	-34	0	0	979	-33	2	45	985	-21	5	270
09	987	-31	1	198	1000	-33	3	150	999	-27	7	180	987	-30	0	0	969	-31	1	309	980	-32	0	0	987	-23	3	45
12	989	-31	5	180	1000	-30	4	180	998	-26	6	155	983	-34	0	0	966	-20	4	270	980	-37	2	24	988	-24	4	311
15	991	-30	8	180	1001	-31	2	360	998	-28	5	141	979	-36	1	37	966	-21	2	315	979	-39	2	360	X	X	X	X
18	993	-32	1	100	1001	-30	1	360	997	-30	1	45	974	-37	1	80	967	-20	0	0	979	-24	5	270	987	-19	5	270
21	995	-33	2	56	1001	-27	0	0	997	-32	1	37	972	-34	2	12	970	-20	11	198	980	-26	4	273	988	-19	4	270
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	989	-16	3	270	980	-12	4	165	982	-9	14	180	1001	-10	17	194	1009	-15	3	124	1001	-18	1	252
03	989	-19	5	269	990	-15	6	129	980	-11	9	219	987	-13	6	189	1003	-10	9	180	1009	-13	1	270	1000	-12	3	180
06	990	-16	0	0	989	-15	4	27	981	-12	9	198	989	-11	11	198	1005	-10	7	149	1007	-20	1	69	1000	-9	5	188
09	991	-16	5	170	987	-12	11	225	983	-13	1	225	991	-13	14	198	1008	-9	0	0	1006	-24	0	0	999	-9	3	360
12	991	-17	3	124	985	-12	10	225	984	-12	2	258	994	-12	10	180	1009	-10	2	90	1006	-25	0	0	1000	-12	3	189
15	990	-19	2	44	984	-11	6	233	981	-10	15	180	996	-12	4	180	1010	-10	0	0	1004	-27	2	308	1000	-12	3	180
18	989	-18	3	289	984	-18	0	0	980	-10	17	180	999	-11	6	149	1010	-11	1	360	1003	-25	2	339	999	-19	1	70
21	988	-17	6	270	980	-11	15	198	982	-10	18	198	1000	-10	10	204	1009	-14	2	37	1002	-23	1	309	999	-23	1	54
		DAY	29			DAY	30			DAY	31																	
00	998	-20	1	22	999	-29	1	251	982	-28	0	0																
03	998	-23	2	158	995	-30	1	360	980	-31	2	141																
06	998	-27	0	0	992	-30	2	45	979	-34	0	0																
09	999	-27	1	197	988	-25	1	143	979	-30	1	90																
12	1000	-26	0	0	985	-27	0	0	978	-28	0	0																
15	1000	-23	2	160	983	-30	0	0	977	-29	1	116																
18	1001	-27	1	315	981	-26	5	180	977	-29	3	134																
21	1001	-27	3	186	982	-26	2	292	977	-29	4	141																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -20.9 STD DEV = 8.2 MAX = -6.5 AT 851 GMT ON DAY 2 MIN = -41.6 AT 413 GMT ON DAY 15
* PRESSURE (MB) * MEAN = 987.9 STD DEV = 9.9 MAX =1010.1 AT 1642 GMT ON DAY 26 MIN = 963.2 AT 1855 GMT ON DAY 2
* WINDS (M/S) * MEAN = 4.0 STD DEV = 4.1 RESULTANT = 2.5 FROM 192. CONSTANCY = .63 MAX = 20.2 FROM 188. AT 2253 GMT DAY 24
* 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:	44	21	12	7	6	4	2	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	10	2	8	2	4	2	8	7	23	8	9	2	6	2	5	3

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

JUN 83

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	2	54	981	-32	0	0	983	-32	2	180	981	-43	2	80	975	-28	5	287	973	-14	5	214	972	-32	3	45
03	977	-32	0	0	982	-38	0	0	983	-35	2	180	980	-45	1	330	973	-29	3	309	973	-14	9	206	969	-32	3	60
06	976	-34	0	0	982	-38	1	124	982	-36	0	0	981	-44	0	0	973	-25	2	270	975	-15	6	206	967	-31	0	0
09	977	-36	3	12	982	-41	0	0	982	-35	2	155	980	-44	1	314	974	-21	2	349	976	-16	11	198	968	-34	5	180
12	977	-36	2	360	982	-41	1	116	982	-34	3	116	980	-40	2	278	972	-17	0	0	976	-16	10	180	972	-28	6	180
15	978	-35	0	0	982	-44	0	0	982	-36	0	0	979	-38	2	270	972	-20	3	270	976	-15	11	200	974	-31	1	360
18	979	-34	0	0	982	-41	0	0	982	-36	1	45	977	-30	3	270	971	-19	3	251	975	-16	4	206	976	-32	2	270
21	981	-35	1	57	982	-36	0	0	981	-36	0	0	977	-31	3	269	972	-16	3	260	973	-26	0	0	978	-27	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	979	-28	2	309	990	-29	1	321	987	-24	3	349	982	-31	1	37	984	-41	2	90	989	-41	2	149	993	-32	1	103
03	979	-34	1	25	991	-32	2	289	986	-20	5	276	982	-37	1	360	985	-41	2	45	989	-38	2	141	993	-32	1	270
06	979	-39	2	15	992	-27	2	297	985	X	1	248	983	X	1	69	986	-41	0	0	989	-36	2	180	994	-33	5	161
09	980	-39	1	20	992	-26	2	289	984	-34	3	90	984	-36	4	32	986	-40	2	44	990	-33	6	179	995	-35	3	45
12	981	-36	0	0	991	-29	2	270	984	-33	0	0	984	-38	2	37	986	-38	2	101	992	-32	4	176	995	-38	1	73
15	984	-36	0	0	991	-27	1	270	982	-36	3	165	984	-39	3	126	987	-45	2	45	993	-33	0	0	995	-42	0	0
18	987	-32	0	0	990	-26	5	262	981	-34	1	180	984	-37	2	55	988	-42	1	69	992	-34	2	349	995	-39	0	0
21	989	-31	0	0	988	X	4	389	981	-30	1	150	984	-40	2	12	988	-40	0	0	992	-32	2	17	994	-44	1	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	994	-45	2	156	989	-44	0	0	983	-40	1	141	987	-43	0	0	990	-39	0	0	994	-31	0	0	994	-35	0	0
03	993	-46	0	0	987	-41	4	162	984	-38	0	0	986	-47	0	0	992	-37	0	0	993	-34	0	0	995	-34	0	0
06	993	-47	0	0	987	-42	2	120	985	-35	3	131	987	-46	0	0	992	-36	0	0	991	-25	0	0	998	-35	0	0
09	993	-47	1	149	985	-42	0	0	986	-42	1	30	986	-44	0	0	993	-27	0	0	991	-32	0	0	1001	X	0	0
12	992	-48	1	135	984	-40	1	180	987	-42	0	0	985	-48	0	0	994	-30	0	0	991	-35	0	0	1004	-23	0	0
15	991	-49	0	0	984	-39	1	143	987	-41	0	0	986	-45	0	0	995	-35	0	0	992	-33	0	0	1006	X	0	0
18	991	-47	0	0	983	-43	1	354	988	-43	0	0	986	-42	0	0	994	X	0	0	992	-37	0	0	1008	-32	2	111
21	989	-44	0	0	983	-40	0	0	988	-42	0	0	987	-43	0	0	994	-33	0	0	993	X	0	0	1009	-34	3	124
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	1009	-38	0	0	1006	-20	12	210	1024	-22	8	180	1025	-31	0	0	1006	-20	9	180	995	-23	10	180	992	-38	2	79
03	1009	-35	0	0	X	X	X	X	1025	-24	2	60	1024	-31	0	0	1005	-22	6	167	998	-24	2	270	992	-42	2	203
06	1007	-34	0	0	X	X	X	X	1025	-24	1	90	1024	-33	0	0	1004	-31	1	332	998	-29	0	0	992	-45	1	146
09	1007	-29	0	0	X	X	X	X	1026	-26	2	161	1022	-25	4	270	1000	-27	2	360	998	-31	0	0	992	-46	1	142
12	1008	-24	0	0	X	X	X	X	1026	-24	0	0	1020	-19	7	270	995	-17	7	270	998	-33	0	0	992	-47	0	0
15	1009	-26	0	0	X	X	X	X	1025	-23	0	0	1016	-14	11	291	995	-32	1	315	997	-39	2	57	993	-46	0	0
18	1009	-22	1	270	X	X	X	X	1024	-27	3	211	1011	-12	5	290	994	-22	8	179	995	-38	1	22	994	-46	0	0
21	1008	-21	0	0	X	X	X	X	1025	-27	1	180	1007	-19	6	149	995	-23	11	187	994	-38	2	53	996	-43	1	270
		DAY	29			DAY	30																					
00	998	-38	0	0	996	-35	0	0																				
03	1001	-35	3	59	997	-39	0	0																				
06	1002	-38	3	111	998	-39	0	0																				
09	1001	-41	2	360	1000	-38	0	0																				
12	1000	-41	3	21	1002	-36	8	180																				
15	998	-43	1	37	1005	-37	4	180																				
18	996	-42	1	103	1005	-37	0	0																				
21	996	-44	1	22	1003	-38	0	0																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -33.9 STD DEV = 8.2 MAX = -11.7 AT 1746 GMT ON DAY 25 MIN = -49.7 AT 1838 GMT ON DAY 17

* PRESSURE (MB) * MEAN = 990.7 STD DEV = 12.5 MAX = 1026.2 AT 1103 GMT ON DAY 24 MIN = 966.9 AT 450 GMT ON DAY 7

* WINDS (M/S) * MEAN = 1.9 STD DEV = 2.4 RESULTANT = .5 FROM 198. CONSTANCY = .28 MAX = 16.8 FROM 191. AT 822 GMT DAY 6

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 5.8 % PRESSURE: 2.9 % WINDS: 2.9 %

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:	68	20	5	3	2	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	7	8	9	6	4	5	7	8	14	6	1	1	14	4	4	2

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

JUL 83

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	1000	-30	5	206	973	-24	3	280	979	-20	1	214	989	-32	0	0	989	-25	0	0	991	-29	5	180	976	-34	2	360
03	999	-30	6	198	970	-23	4	274	980	-20	0	0	990	-31	1	135	989	-26	3	161	992	-31	2	149	974	X	1	270
06	995	-32	2	90	968	-23	4	289	982	-22	0	0	990	-35	3	128	991	-29	0	0	991	-32	0	0	974	-32	0	0
09	991	-31	3	101	967	-18	9	231	983	-22	1	135	990	-32	2	120	991	-35	4	184	987	-31	2	360	972	-36	3	321
12	987	-32	2	141	968	-16	12	210	984	-23	2	189	990	-30	0	0	992	-35	1	161	984	-30	1	90	972	-34	3	308
15	983	-31	2	45	970	-17	13	180	985	-24	0	0	990	-33	0	0	992	-32	0	0	981	-30	0	0	970	-29	3	270
18	979	-26	2	309	973	-19	9	184	987	-28	4	177	989	-31	0	0	991	-27	1	350	979	-33	0	0	970	-29	2	243
21	976	-25	4	274	977	-19	1	135	988	-30	4	180	988	-24	3	269	989	-24	3	270	977	-34	2	166	971	-31	1	15
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	971	-31	2	326	969	-23	2	148	975	-34	1	360	980	-25	7	270	996	-29	4	90	1004	-41	1	360	1002	-38	1	45
03	970	-31	3	297	969	-25	1	90	976	-33	1	360	982	-23	8	270	998	-34	2	54	1002	-39	0	0	1002	-36	1	339
06	970	-30	3	270	969	-29	0	0	978	-32	0	0	983	-24	4	301	999	-35	2	76	1001	-37	2	360	1002	-32	2	93
09	971	-32	0	0	969	-30	2	270	978	-38	2	291	984	-21	4	270	999	-33	0	0	999	-33	0	0	1002	-35	0	0
12	971	-27	0	0	970	-32	2	101	979	-37	3	270	986	-17	3	231	998	-36	3	180	999	-37	1	170	1000	-36	3	170
15	970	-31	0	0	971	-36	2	20	980	-29	5	270	989	-17	6	225	999	-37	0	0	998	-36	0	0	1000	-38	4	170
18	969	-23	3	270	972	-34	1	45	980	-26	3	270	992	-16	3	218	1001	X	1	135	999	-36	0	0	1000	-38	0	0
21	968	-22	1	258	973	-35	2	66	980	-26	6	270	993	-19	0	0	1003	-45	1	72	1001	-37	3	165	999	-43	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	999	-42	2	90	995	-48	2	94	994	-47	2	311	993	-46	0	0	987	-41	0	0	983	-36	0	0	986	-33	1	270
03	999	-42	2	45	995	-45	1	45	995	-48	0	0	992	-49	0	0	987	-44	0	0	982	-35	0	0	988	-40	0	0
06	998	-43	2	66	994	-49	1	161	995	-50	1	349	991	-47	0	0	987	-42	0	0	982	-31	0	0	989	-43	1	22
09	998	-47	1	59	994	-48	0	0	996	-49	0	0	991	-42	0	0	987	-43	0	0	982	-31	0	0	989	-46	0	0
12	998	-46	2	44	994	-46	0	0	996	-50	2	48	989	-38	0	0	987	-43	0	0	983	-37	0	0	990	-45	0	0
15	998	-45	0	0	994	-45	1	251	995	-49	2	37	989	-39	0	0	985	-39	0	0	983	-38	1	309	991	-43	0	0
18	997	-43	1	54	994	-43	1	149	994	-47	2	360	988	-39	0	0	985	-39	0	0	984	-32	0	0	991	-41	0	0
21	996	-46	3	44	994	-47	0	0	994	-48	0	0	988	-41	0	0	984	-40	0	0	984	-31	0	0	990	-39	1	128
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	989	-36	0	0	979	-34	3	180	976	-37	3	48	976	-26	0	0	968	-38	0	0	970	-30	0	0	972	-41	0	0
03	987	-34	1	117	979	-36	2	180	979	-37	2	79	976	-23	2	360	968	-37	0	0	971	-34	1	51	972	-44	1	58
06	986	-34	0	0	978	-35	2	15	980	-37	2	90	974	-27	0	0	968	-33	1	90	970	-33	0	0	972	-45	0	0
09	984	-33	0	0	978	-34	1	101	981	-34	2	107	973	-28	0	0	968	-34	0	0	971	-35	1	161	973	X	1	37
12	983	-34	2	170	976	-36	1	14	981	-34	0	0	972	-32	2	56	968	-35	0	0	971	-34	2	141	973	-50	0	0
15	982	-36	0	0	975	-34	3	79	981	-31	0	0	971	-33	1	45	969	-32	0	0	971	-35	2	148	973	-48	1	37
18	981	-36	3	149	975	-34	0	0	980	-29	3	90	970	-37	0	0	970	-34	0	0	971	-37	1	90	974	-48	0	0
21	980	-35	0	0	975	-39	2	45	978	-31	2	55	969	-38	1	90	970	-35	0	0	972	-40	1	45	974	-43	0	0
		DAY	29			DAY	30			DAY	31																	
00	975	-41	0	0	975	-39	2	136	981	X	0	0																
03	975	-39	0	0	976	-38	0	0	981	-46	0	0																
06	974	-40	0	0	977	-40	0	0	980	-45	1	301																
09	974	-42	2	120	977	-42	1	49	979	-44	2	305																
12	973	-35	6	180	978	-47	0	0	978	-43	0	0																
15	974	-33	3	170	978	-48	1	360	976	-39	0	0																
18	974	-35	1	141	979	-44	1	360	975	-34	2	270																
21	975	-35	2	180	980	-42	0	0	973	-33	3	270																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -34.9 STD DEV = 7.7 MAX = -15.5 AT 1022 GMT ON DAY 2 MIN = -52.7 AT 958 GMT ON DAY 17
* PRESSURE (MB) * MEAN = 983.1 STD DEV = 10.2 MAX =1004.5 AT 2339 GMT ON DAY 12 MIN = 967.1 AT 1002 GMT ON DAY 2
* WINDS (M/S) * MEAN = 1.5 STD DEV = 1.9 RESULTANT = .3 FROM 210. CONSTANCY = .17 MAX = 17.9 FROM 191. AT 1337 GMT DAY 2
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.6 % 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:	68	25	4	2	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	8	3	15	3	12	3	7	7	12	2	3	2	14	3	5	1

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

AUG 83

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	983	-37	0	0	976	-45	0	0	974	-34	0	0	969	-39	0	0	X	X	X	X	955	-20	6	180
03	974	-29	5	270	982	-45	3	90	975	-53	0	0	975	-33	2	270	967	-42	0	0	X	X	X	X	955	-21	2	270
06	976	-35	0	0	981	-47	0	0	975	-48	0	0	976	-44	0	0	966	-39	0	0	X	X	X	X	957	-20	8	179
09	978	-35	0	0	980	-48	0	0	974	-48	0	0	977	-46	0	0	964	-42	0	0	X	X	X	X	962	-28	2	134
12	979	-38	0	0	980	-47	2	45	974	-48	2	360	976	-43	0	0	962	-38	0	0	X	X	X	X	965	-32	2	79
15	981	-42	2	141	979	-48	2	360	974	-46	0	0	975	-45	0	0	960	-42	2	301	X	X	X	X	965	-21	0	0
18	982	-39	0	0	977	-47	2	360	973	-41	1	270	974	-42	0	0	958	-36	0	0	X	X	X	X	969	-22	1	180
21	983	-39	0	0	976	-45	1	360	974	-36	1	270	972	-47	0	0	X	X	X	X	X	X	X	X	970	-22	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	972	-23	1	170	976	-38	0	0	980	-47	0	0	986	-43	0	0	983	-54	1	45	966	-35	0	0	985	-42	0	0
03	974	-27	2	135	977	-45	1	360	980	-47	0	0	985	-47	0	0	981	-55	0	0	966	-45	0	0	987	-40	0	0
06	974	-27	1	22	977	-44	0	0	981	-47	1	307	985	-44	0	0	979	-54	0	0	968	-45	0	0	991	-31	1	111
09	975	-27	1	91	977	-44	0	0	980	-46	0	0	X	X	X	X	976	-48	0	0	971	-48	0	0	993	-31	0	0
12	975	-31	0	0	978	-42	0	0	X	X	X	X	984	-42	1	54	974	-40	1	270	973	-46	0	0	994	-36	2	141
15	975	-35	1	180	978	-45	2	34	X	X	X	X	985	-50	2	57	971	-37	2	270	976	-40	0	0	995	-37	0	0
18	976	-36	0	0	978	-45	0	0	985	-43	0	0	985	-52	2	45	967	-36	2	270	980	-31	0	0	995	-30	0	0
21	976	-37	0	0	X	X	X	X	985	-47	0	0	984	-51	3	87	966	-35	2	270	983	-37	0	0	995	-34	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	993	-41	0	0	X	X	X	X	980	-29	0	0	979	-23	0	0	984	-21	4	222	990	-30	3	12	972	-32	2	270
03	X	X	X	X	976	-46	0	0	981	-25	0	0	978	-32	0	0	983	-19	0	0	990	-26	0	0	969	-35	3	304
06	X	X	X	X	976	-48	0	0	980	-32	0	0	977	-29	0	0	983	-21	9	189	988	-28	0	0	967	-27	3	270
09	X	X	X	X	976	-48	0	0	979	-29	0	0	977	-20	0	0	981	-18	11	225	985	-29	1	330	966	-21	6	270
12	X	X	X	X	977	-50	0	0	978	-28	0	0	975	-20	0	0	984	-20	2	269	982	X	0	0	966	-21	6	270
15	X	X	X	X	977	-40	0	0	978	-32	0	0	980	-21	14	180	987	-31	4	170	981	-31	3	163	967		9	270
18	X	X	X	X	977	-36	0	0	978	-31	0	0	984	-19	6	189	991	-34	3	143	977	-36	1	282	970	-22	28	211
21	X	X	X	X	978	-32	0	0	980	-23	0	0	984	-22	2	231	991	-33	1	37	975	-36	1	315	979	X	22	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	987	X	20	180	979	X	4	280	979	X	19	180	979	X	9	225	1002	X	0	0	991	X	2	180	983	X	2	309
03	991	X	19	225	975	X	5	270	981	X	20	181	980	X	11	225	1002	X	0	0	990	X	3	12	983	X	2	301
06	994	X	18	203	970	X	8	271	988	X	4	260	982	X	11	218	1001	X	0	0	990	X	0	0	980	X	3	270
09	999	X	5	180	968	X	14	225	983	X	15	195	986	X	13	170	999	X	0	0	989	X	2	314	979	X	4	231
12	999	X	1	118	969	X	16	225	985	X	1	206	994	X	3	180	997	X	0	0	987	X	4	60	980	X	3	226
15	995	X	2	22	973	X	15	201	980	X	6	270	999	X	0	0	993	X	0	0	986	X	3	312	981	X	1	203
18	989	X	0	0	975	X	18	198	978	X	4	174	1001	X	2	210	990	X	5	201	985	X	2	292	981	X	0	0
21	983	X	1	301	976	X	18	208	978	X	6	255	1002	X	3	166	990	X	10	159	984	X	3	289	981	X	8	198
		DAY	29			DAY	30			DAY	31																	
00	984	X	13	180	987	X	0	0	987	X	0	0																
03	983	X	16	169	986	X	1	108	987	X	2	120																
06	987	X	6	187	985	X	2	315	989	X	7	179																
09	986	X	6	180	985	X	0	0	992	X	1	330																
12	986	X	5	180	985	X	3	243	993	X	3	134																
15	987	X	4	176	987	X	4	225	993	X	0	0																
18	988	X	0	0	987	X	2	315	994	X	0	0																
21	988	X	0	0	986	X	3	289	994	X	1	91																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -36.4 STD DEV = 9.6 MAX = -18.6 AT 1741 GMT ON DAY 18 MIN = -55.9 AT 358 GMT ON DAY 12
* PRESSURE (MB) * MEAN = 980.5 STD DEV = 9.0 MAX = 1002.6 AT 2335 GMT ON DAY 25 MIN = 954.2 AT 36 GMT ON DAY 7
* WINDS (M/S) * MEAN = 2.9 STD DEV = 4.8 RESULTANT = 1.9 FROM 206. CONSTANCY = .65 MAX = 27.6 FROM 211. AT 1801 GMT DAY 21
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 41.9 % PRESSURE: 8.9 % WINDS: 8.9 %

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:	63	19	4	4	2	1	1	2	1	3	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	2	4	3	5	2	20	9	10	2	17	6	7	2

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

SEP 83

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	995	X	0	0	1002	X	0	0	1009	X	1	45	1011	X	1	323	996	X	1	340	983	X	1	51	976	X	0	0
03	994	X	0	0	1003	X	1	129	1010	X	3	315	1011	X	0	0	994	X	0	0	X	X	X	X	977	X	0	0
06	994	X	1	141	1004	X	0	0	1010	X	1	295	1011	X	0	0	992	X	0	0	X	X	X	X	976	X	0	0
09	995	X	1	360	1005	X	0	0	1012	X	0	0	1010	X	0	0	991	X	1	360	981	X	0	0	978	X	0	0
12	997	X	1	168	1006	X	1	141	1013	X	2	167	1009	X	0	0	989	X	1	122	979	X	2	360	980	X	2	141
15	998	X	0	0	1006	X	1	79	1013	X	0	0	1006	X	0	0	986	X	1	103	978	X	4	11	981	X	3	70
18	999	X	0	0	1006	X	3	346	1012	X	0	0	1004	X	0	0	985	X	0	0	977	X	3	14	982	X	0	0
21	1000	X	1	7	1008	X	0	0	1012	X	1	360	1000	X	0	0	984	X	0	0	976	X	2	309	983	X	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	982	X	0	0	974	X	0	0	971	X	0	0	960	X	6	285	990	X	14	181	992	X	3	330	1012	X	1	161
03	982	X	0	0	974	X	0	0	970	X	2	309	959	X	10	225	996	X	6	180	993	X	2	309	1014	X	1	104
06	980	X	6	283	974	X	0	0	970	X	0	0	955	X	5	289	998	X	1	226	995	X	1	360	1015	X	2	90
09	979	X	3	270	974	X	0	0	971	X	0	0	954	X	8	225	998	X	0	0	998	X	1	42	1016	X	9	161
12	977	X	5	270	974	X	2	86	968	X	16	197	954	X	9	181	996	X	0	0	1001	X	1	149	1018	X	2	129
15	975	X	0	0	973	X	0	0	969	X	4	215	965	X	7	180	994	X	2	270	1004	X	3	173	1017	X	2	64
18	975	X	0	0	973	X	0	0	967	X	5	231	976	X	12	198	993	X	0	0	1006	X	3	180	1017	X	1	45
21	974	X	0	0	972	X	0	0	965	X	7	210	984	X	15	225	992	X	3	309	1009	X	0	0	1017	X	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1014	X	0	0	1009	X	2	180	983	X	1	289	980	X	0	0	983	X	0	0	981	X	0	0	985	X	1	53
03	1012	X	1	360	1010	X	0	0	979	X	0	0	982	X	0	0	983	X	0	0	980	X	0	0	984	X	1	118
06	1011	X	1	360	1008	X	1	134	976	X	0	0	982	X	0	0	983	X	1	64	980	X	1	141	984	X	1	79
09	1010	X	2	360	1007	X	0	0	977	X	0	0	983	X	0	0	983	X	0	0	982	X	2	120	982	X	0	0
12	1012	X	3	191	1004	X	1	309	975	X	1	116	983	X	0	0	982	X	0	0	982	X	0	0	980	X	0	0
15	1012	X	2	360	1000	X	1	297	975	X	0	0	983	X	0	0	982	X	0	0	983	X	0	0	976	X	1	46
18	1011	X	1	161	994	X	4	270	977	X	2	10	983	X	0	0	982	X	0	0	984	X	5	141	974	X	3	12
21	1010	X	3	339	988	X	3	280	978	X	1	11	983	X	0	0	982	X	0	0	984	X	3	141	972	X	4	170
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	970	X	0	0	967	X	2	180	985	X	0	0	985	X	0	0	974	X	4	180	973	X	2	79	980	X	3	46
03	969	X	2	357	971	X	0	0	986	X	4	315	984	X	2	132	973	X	0	0	974	X	0	0	980	X	0	0
06	967	X	2	22	976	X	0	0	988	X	1	315	982	X	1	101	970	X	0	0	977	X	3	166	980	X	2	37
09	965	X	0	0	980	X	2	77	989	X	1	90	980	X	1	108	968	X	2	158	979	X	0	0	979	X	0	0
12	962	X	0	0	983	X	3	135	989	X	3	94	979	X	1	120	967	X	2	149	980	X	2	148	979	X	1	204
15	960	X	0	0	983	X	7	180	989	X	6	165	979	X	2	165	967	X	3	180	980	X	2	120	978	X	1	161
18	960	X	0	0	985	X	0	0	989	X	3	180	978	X	0	0	968	X	6	172	981	X	3	37	977	X	2	141
21	962	X	0	0	985	X	1	57	988	X	0	0	976	X	1	141	971	X	4	156	981	X	1	30	977	X	0	0
		DAY	29			DAY	30																					
00	976	X	0	0	972	X	4	269																				
03	975	X	0	0	971	X	0	0																				
06	974	X	0	0	970	X	8	218																				
09	975	X	0	0	970	X	3	149																				
12	975	X	0	0	968	X	1	108																				
15	974	X	0	0	966	X	3	27																				
18	973	X	0	0	963	X	1	55																				
21	973	X	2	315	960	X	1	69																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = .0 STD DEV = .0 MAX =****** AT 0 GMT ON DAY 0 MIN =****** AT 0 GMT ON DAY 0
* PRESSURE (MB) * MEAN = 985.4 STD DEV = 15.0 MAX =1017.9 AT 1143 GMT ON DAY 14 MIN = 952.5 AT 1121 GMT ON DAY 11
* WINDS (M/S) * MEAN = 1.7 STD DEV = 2.5 RESULTANT = .5 FROM 192. CONSTANCY = .30 MAX = 18.8 FROM 210. AT 1943 GMT DAY 11
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 100.0 % 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:	71	18	5	3	1	0	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	11	4	8	5	6	8	10	11	11	3	5	0	5	5	8	3

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

OCT 83

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	X	0	0	971	X	11	225	970	X	1	360	961	X	2	180	975	X	2	360	957	X	2	360	952	X	3	181
03	955	X	0	0	973	X	9	180	966	X	2	45	964	X	0	0	973	X	1	360	956	X	3	289	951	X	5	258
06	956	X	1	15	976	X	3	193	961	X	0	0	966	X	2	210	969	X	1	13	954	X	4	264	952	X	4	198
09	958	X	2	360	977	X	9	198	957	X	2	360	969	X	2	338	967	X	1	22	952	X	4	264	955	X	6	167
12	960	X	0	0	977	X	3	161	955	X	1	354	972	X	6	180	964	X	0	0	952	X	1	260	956	X	1	7
15	963	X	3	166	977	X	2	90	955	X	0	0	974	X	9	198	962	X	2	120	952	X	1	258	958	X	1	104
18	967	X	3	180	975	X	3	60	956	X	5	180	975	X	8	206	961	X	2	41	952	X	0	0	959	X	0	0
21	969	X	11	179	973	X	3	141	958	X	6	180	976	X	1	158	958	X	0	0	952	X	3	191	960	X	2	163
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	961	X	0	0	950	X	5	350	959	X	3	360	955	X	3	135	968	X	4	180	976	X	4	225	978	X	3	280
03	961	X	0	0	949	X	2	255	959	X	1	360	956	X	1	69	968	X	1	180	974	X	9	225	980	X	6	225
06	960	X	0	0	950	X	5	225	959	X	2	250	957	X	4	273	967	X	2	243	979	X	5	180	982	X	6	180
09	957	X	1	12	950	X	5	225	959	X	3	251	959	X	6	208	968	X	12	203	978	X	11	214	983	X	1	243
12	953	X	4	319	951	X	6	218	957	X	5	339	963	X	8	225	971	X	9	189	978	X	6	180	983	X	2	280
15	951	X	7	280	952	X	5	75	955	X	5	256	967	X	4	206	973	X	2	301	979	X	1	280	983	X	1	270
18	949	X	4	218	954	X	1	90	955	X	3	255	969	X	2	231	973	X	1	251	977	X	0	0	983	X	2	309
21	950	X	4	170	957	X	4	189	955	X	4	232	969	X	1	270	974	X	8	204	977	X	2	216	984	X	4	189
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	987	X	2	174	997	X	0	0	1000	X	3	233	996	X	6	190	987	X	2	225	979	X	5	225	993	X	5	180
03	988	X	3	180	998	X	4	189	1001	X	3	270	995	X	1	158	986	X	4	319	978	X	2	280	993	X	5	180
06	989	X	2	122	998	X	2	360	1000	X	3	270	993	X	4	176	984	X	3	235	977	X	3	51	992	X	2	193
09	992	X	3	180	999	X	5	325	1000	X	5	231	992	X	2	161	983	X	3	189	978	X	5	158	990	X	3	195
12	993	X	3	17	998	X	6	225	999	X	4	290	991	X	0	0	984	X	1	301	979	X	3	108	988	X	2	135
15	994	X	1	360	998	X	8	198	998	X	1	327	990	X	0	0	983	X	2	270	982	X	2	72	985	X	0	0
18	994	X	0	0	999	X	3	218	998	X	2	206	988	X	0	0	982	X	2	262	987	X	14	160	983	X	0	0
21	996	X	3	45	999	X	1	289	997	X	1	135	987	X	3	309	980	X	4	225	991	X	11	187	981	X	2	152
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	979	X	0	0	967	X	0	0	961	X	15	205	977	X	9	180	976	X	0	0	970	X	0	0	968	X	0	0
03	976	X	0	0	966	X	1	330	962	X	16	180	978	X	0	0	975	X	1	360	970	X	0	0	967	X	1	139
06	974	X	0	0	965	X	1	330	964	X	15	180	978	X	1	37	974	X	1	180	970	X	0	0	967	X	5	163
09	972	X	0	0	965	X	2	111	966	X	12	180	979	X	1	252	973	X	0	0	970	X	2	189	967	X	3	156
12	970	X	2	46	964	X	4	322	969	X	12	180	978	X	0	0	972	X	1	23	970	X	0	0	968	X	0	0
15	968	X	2	51	964	X	4	309	971	X	9	180	977	X	0	0	971	X	1	360	970	X	0	0	969	X	3	141
18	967	X	3	180	962	X	11	189	974	X	12	180	977	X	0	0	971	X	1	90	970	X	1	79	971	X	2	45
21	967	X	1	72	962	X	12	225	976	X	13	180	977	X	1	270	970	X	0	0	969	X	0	0	970	X	1	14
		DAY	29			DAY	30			DAY	31																	
00	970	X	1	360	966	X	0	0	965	X	1	274																
03	969	X	0	0	966	X	0	0	964	X	4	270																
06	969	X	1	330	965	X	1	307	964	X	4	270																
09	969	X	0	0	966	X	2	145	964	X	3	257																
12	969	X	1	360	966	X	0	0	967	X	9	212																
15	968	X	1	360	966	X	0	0	968	X	5	197																
18	967	X	1	7	965	X	1	330	969	X	5	180																
21	966	X	0	0	965	X	0	0	970	X	3	210																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = .0 STD DEV = .0 MAX =****** AT 0 GMT ON DAY 0 MIN =****** AT 0 GMT ON DAY 0
* PRESSURE (MB) * MEAN = 971.7 STD DEV = 13.1 MAX =1000.8 AT 315 GMT ON DAY 17 MIN = 948.8 AT 102 GMT ON DAY 9
* WINDS (M/S) * MEAN = 3.2 STD DEV = 3.3 RESULTANT = 1.8 FROM 203. CONSTANCY = .57 MAX = 20.7 FROM 203. AT 2346 GMT DAY 23
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 100.0 % 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:	48	26	13	4	4	3	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	4	4	3	2	3	4	6	21	9	11	6	10	3	4	4

STATION : 8908 NANCY (ICE SHELF - SE) LAT : 77.9 S LONG : 168.2E ELEVATION : 25 M

NOV 83

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	972	X	7	198	971	X	10	252	969	X	7	225	963	X	3	289	958	X	2	273	960	X	4	270	968	X	1	168
03	972	X	6	212	970	X	6	252	966	X	11	212	962	X	7	225	958	X	2	189	960	X	5	284	969	X	1	206
06	973	X	6	180	967	X	11	231	967	X	7	218	961	X	7	218	958	X	0	0	961	X	5	180	970	X	3	228
09	973	X	6	180	968	X	15	225	966	X	5	198	960	X	9	180	959	X	1	339	962	X	0	0	971	X	3	187
12	974	X	3	240	969	X	11	206	965	X	3	309	960	X	0	0	959	X	7	206	964	X	4	180	972	X	1	360
15	974	X	3	206	970	X	11	218	965	X	3	189	959	X	2	301	960	X	1	252	965	X	4	180	972	X	1	69
18	974	X	6	248	969	X	7	180	965	X	0	0	959	X	2	288	960	X	1	339	967	X	5	172	972	X	1	295
21	973	X	4	282	969	X	5	180	964	X	1	258	958	X	1	280	960	X	3	274	967	X	3	173	972	X	3	270
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	973	X	4	263	977	X	11	198	982	X	0	0	981	X	1	180	980	X	3	210	979	X	3	270	977	X	3	270
03	973	X	10	225	980	X	4	258	981	X	1	20	981	X	0	0	980	X	6	215	979	X	3	309	975	X	4	231
06	974	X	3	180	980	X	9	225	980	X	3	111	981	X	1	90	979	X	7	218	979	X	2	255	977	X	4	180
09	975	X	5	211	981	X	2	231	979	X	2	45	981	X	0	0	979	X	1	282	979	X	1	290	978	X	0	0
12	976	X	4	231	982	X	0	0	979	X	0	0	981	X	1	315	980	X	2	239	979	X	1	270	979	X	0	0
15	977	X	5	225	982	X	1	349	979	X	3	160	981	X	0	0	980	X	3	314	978	X	1	243	979	X	1	69
18	976	X	3	309	982	X	1	301	980	X	1	45	981	X	0	0	980	X	4	201	977	X	1	260	979	X	2	360
21	977	X	3	180	982	X	0	0	980	X	2	143	980	X	0	0	980	X	1	340	977	X	3	270	979	X	8	226
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	980	X	7	189	976	X	0	0	976	X	4	180	986	X	1	297	982	X	1	90	985	X	3	201	973	X	1	101
03	979	X	2	1	975	X	1	360	976	X	3	170	987	X	8	176	983	X	1	114	984	X	1	316	972	X	2	132
06	979	X	9	225	974	X	2	332	977	X	2	198	987	X	4	161	983	X	4	170	983	X	0	0	971	X	3	153
09	980	X	1	48	973	X	0	0	978	X	0	0	986	X	2	121	984	X	6	180	982	X	0	0	970	X	1	90
12	980	X	3	126	974	X	0	0	979	X	5	225	985	X	0	0	984	X	5	173	980	X	1	37	969	X	0	0
15	979	X	1	10	974	X	1	360	980	X	10	225	983	X	4	44	984	X	1	211	978	X	1	39	968	X	1	141
18	978	X	2	285	975	X	0	0	981	X	12	180	982	X	3	45	985	X	4	206	976	X	0	0	968	X	1	160
21	977	X	1	315	975	X	9	190	985	X	9	184	982	X	2	45	984	X	8	225	975	X	1	90	969	X	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	970	X	0	0	981	X	1	51	977	X	3	180	975	X	5	156	X	X	X	X	X	X	X	X	X	X	X	X
03	972	X	0	0	981	X	0	0	976	X	2	90	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	973	X	2	297	980	X	0	0	976	X	1	360	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	974	X	2	301	979	X	1	7	975	X	2	311	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	976	X	1	104	978	X	0	0	975	X	0	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	978	X	1	22	978	X	1	161	974	X	6	179	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	980	X	1	360	977	X	5	180	974	X	1	315	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	981	X	0	0	978	X	5	167	975	X	2	90	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 = .0 STD DEV = .0 MAX =****** AT 0 GMT ON DAY 0 MIN =****** AT 0 GMT ON DAY 0
* PRESSURE (MB) * MEAN = 974.8 STD DEV = 7.2 MAX = 986.8 AT 203 GMT ON DAY 18 MIN = 957.4 AT 12 GMT ON DAY 5
* WINDS (M/S) * MEAN = 3.1 STD DEV = 3.0 RESULTANT = 2.0 FROM 213. CONSTANCY = .64 MAX = 21.1 FROM 240. AT 812 GMT DAY 2
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 100.0 % PRESSURE: 19.6 % WINDS: 19.6 %

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:	49	23	11	8	5	3	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	1	6	1	4	2	2	5	19	10	13	6	7	8	6	2

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

JAN 83

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	871	-13	9	141	871	-12	7	111	875	-11	5	128	877	-11	2	141	872	-12	1	69	877	-11	6	141	875	-11	0	0
03	871	-13	5	115	871	-12	6	141	875	-17	1	180	876	-12	2	135	872	-13	4	141	877	-12	6	141	874	-16	1	251
06	871	-15	9	90	872	-13	7	132	876	-14	3	176	876	-12	1	45	872	-13	4	115	877	-14	6	152	874	-19	2	270
09	871	-15	7	111	873	-12	6	131	876	-14	4	180	876	-12	0	0	873	-15	4	180	877	-15	4	170	873	-18	3	276
12	871	-14	6	141	873	-12	6	141	876	-12	4	141	875	-12	0	0	874	-12	4	180	877	-16	3	180	873	-13	3	263
15	870	-12	7	128	874	-11	6	141	876	-11	4	141	873	-12	1	290	874	-10	6	141	877	-13	5	180	872	-9	4	270
18	870	-12	9	90	874	-10	6	141	877	-11	5	141	873	-11	0	0	875	-10	8	141	876	-11	4	180	872	-7	3	231
21	871	-12	8	120	875	-10	6	141	877	-10	4	120	872	-10	1	308	876	-10	7	141	876	-10	2	191	872	-7	2	226
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	872	-10	3	224	876	-7	2	30	874	-8	3	360	876	-12	2	90	869	-12	1	308	860	-10	5	225	863	-13	2	22
03	872	-14	2	239	876	-8	2	27	874	-10	2	356	875	-15	0	0	867	-14	2	309	860	-13	4	239	864	-15	3	37
06	873	-18	2	225	876	-9	2	8	874	-10	0	0	875	-18	0	0	866	-15	5	270	860	-16	4	225	865	-15	4	7
09	874	-17	2	225	876	-10	2	360	875	-10	0	0	875	-19	1	225	864	-15	5	270	861	-17	4	225	866	-15	3	45
12	874	-15	2	238	875	-10	2	360	875	-10	1	180	874	-14	0	0	863	-13	6	225	862	-17	1	198	867	-14	5	32
15	875	-10	1	210	875	-9	3	350	875	-10	3	141	873	-11	0	0	862	-10	9	242	862	-15	4	225	867	-13	4	360
18	875	-5	0	0	875	-8	3	360	876	-11	5	135	872	-9	0	0	861	-9	8	225	862	-12	1	145	868	-13	3	22
21	876	-6	3	45	874	-7	4	360	876	-11	3	135	870	-9	0	0	861	-9	7	229	863	-12	2	49	868	-13	2	8
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	869	-14	3	27	872	-13	4	97	872	-13	2	62	871	-13	2	360	867	-11	2	360	869	-12	6	141	871	-11	7	141
03	869	-14	2	45	872	-13	5	120	872	-13	1	55	870	-13	3	3	867	-12	3	45	870	-13	8	141	871	-12	6	136
06	870	-14	1	37	872	-13	3	111	872	-14	2	69	869	-14	3	359	867	-13	2	89	870	-13	10	141	870	-13	6	141
09	871	-14	2	90	872	-13	3	90	872	-14	2	45	869	-14	4	360	868	-14	3	90	871	-13	10	145	870	-14	5	141
12	871	-14	3	87	872	-12	3	111	872	-14	1	37	869	-13	4	360	868	-14	4	135	871	-13	9	141	870	-13	5	141
15	872	-14	2	69	872	-10	2	90	871	-13	2	360	868	-12	5	359	868	-13	6	120	871	-13	9	141	870	-13	6	166
18	872	-13	3	90	872	-12	3	90	871	-13	3	28	868	-12	5	349	868	-11	7	101	871	-12	7	141	870	-12	4	170
21	872	-13	5	86	872	-12	3	79	871	-12	2	360	867	-11	4	333	869	-11	6	120	871	-12	10	114	870	-11	5	124
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	870	-11	2	90	871	-16	4	180	870	-13	6	165	873	-12	0	0	870	-8	5	267	867	-14	10	231	862	-16	3	270
03	870	-12	3	90	871	-22	1	180	870	-14	5	180	872	-18	1	300	869	-8	4	280	866	-16	12	235	861	-21	0	0
06	871	-13	2	89	870	-18	4	180	871	-15	2	141	872	-23	2	270	869	-9	5	270	865	-18	13	252	862	-25	2	177
09	871	-14	1	180	870	-16	3	173	871	-15	3	180	871	-18	2	309	869	-8	6	270	864	-19	14	243	863	-24	1	180
12	872	-13	4	161	870	-16	3	180	872	-14	2	153	871	-15	2	323	869	-8	6	270	862	-19	11	231	863	-21	2	208
15	872	-13	5	180	870	-15	5	180	872	-13	3	180	870	-13	3	342	868	-9	7	256	863	-18	7	225	863	-17	2	189
18	872	-12	5	150	870	-14	4	180	873	-11	1	149	870	-11	4	349	868	-10	7	243	863	-15	5	224	863	-16	4	170
21	872	-13	5	141	870	-13	4	167	873	-10	0	0	870	-6	4	251	868	-13	10	225	863	-14	4	264	863	-14	2	141
		DAY	29			DAY	30			DAY	31																	
00	862	-14	0	0	858	-15	6	170	855	-16	7	141																
03	862	-19	1	0	857	-16	5	141	856	-18	8	141																
06	862	-22	1	225	856	-18	7	170	857	-18	9	136																
09	862	-20	2	210	855	-17	8	161	858	-19	10	149																
12	861	-17	1	198	854	-16	9	170	859	-20	13	141																
15	861	-16	2	174	853	-15	11	141	861	-19	11	141																
18	860	-15	4	180	853	-15	10	153	861	-18	10	141																
21	859	-15	6	162	853	-15	11	141	862	-17	10	132																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -13.2 STD DEV = 3.2 MAX = -2.9 AT 1833 GMT ON DAY 8 MIN = -26.1 AT 709 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 869.4 STD DEV = 5.5 MAX = 877.7 AT 359 GMT ON DAY 6 MIN = 852.7 AT 1831 GMT ON DAY 30
* WINDS (M/S) * MEAN = 4.2 STD DEV = 2.9 RESULTANT = 2.0 FROM 156. CONSTANCY = .48 MAX = 16.6 FROM 146. AT 1437 GMT DAY 30
* 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	32	21	10	7	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	10	3	5	2	8	5	23	5	14	2	9	4	6	1	2	1

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

FEB 83

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	863	-18	8	141	866	-15	13	141	870	-15	10	141	867	-15	5	141	873	-14	7	141	872	-15	5	75	875	-15	5	90
03	863	-18	9	141	867	-15	9	141	870	-15	9	141	868	-15	6	145	873	-15	5	161	872	-15	5	54	876	-16	2	96
06	863	-18	8	141	867	-16	12	141	870	-15	7	141	868	-15	6	155	873	-16	8	165	872	-16	2	90	877	-16	2	141
09	862	-17	9	148	868	-16	11	141	869	-16	5	180	869	-15	5	170	873	-16	5	165	872	-16	3	66	877	-16	1	180
12	862	-16	10	141	868	-16	9	135	869	-16	5	180	871	-14	8	141	873	-16	6	180	873	-15	3	90	878	-16	2	141
15	863	-15	10	141	869	-15	9	149	867	-15	8	170	871	-14	6	141	872	-15	6	170	873	-14	4	83	879	-14	2	141
18	864	-15	13	141	869	-15	10	141	867	-15	8	152	872	-13	6	153	872	-13	3	135	874	-14	4	90	879	-14	3	141
21	865	-16	12	135	870	-15	8	180	867	-16	7	141	872	-13	8	141	872	-14	3	90	874	-15	5	98	879	-14	4	129
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	880	-15	4	141	881	-15	2	72	878	-17	5	24	864	-10	5	359	859	-20	7	180	853	-20	10	141	845	-15	13	141
03	880	-17	3	141	881	-16	2	165	877	-19	5	45	863	-11	4	360	857	-21	7	149	852	-21	9	149	845	-15	14	141
06	880	-18	2	176	881	-18	3	180	875	-20	6	45	862	-11	3	12	857	-22	5	163	851	-22	9	155	845	-15	15	141
09	880	-18	3	180	881	-19	3	187	872	-16	11	45	861	-11	3	243	857	-26	4	180	850	-22	8	159	846	-16	16	145
12	880	-18	3	162	881	-19	2	180	869	-15	14	39	861	-18	5	180	856	-23	6	180	849	-21	7	141	846	-17	17	141
15	880	-17	3	180	880	-15	0	0	865	-16	14	45	860	-17	6	167	855	-21	6	146	847	-19	9	141	847	-16	18	141
18	880	-15	3	167	880	-16	1	37	865	-12	9	37	859	-16	5	141	855	-20	9	149	846	-17	12	155	848	-16	14	141
21	881	-15	3	180	879	-15	4	4	864	-10	9	360	859	-17	6	141	854	-20	9	141	845	-17	14	149	850	-16	16	152
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	852	-16	12	148	863	-16	8	149	864	-12	2	339	857	-18	4	255	853	-19	4	24	857	-17	9	37	861	-17	13	90
03	853	-17	13	141	864	-17	6	163	863	-14	3	280	857	-18	5	270	853	-21	5	12	858	-18	11	39	861	-17	12	86
06	855	-17	12	141	865	-17	6	167	862	-16	5	309	856	-17	3	270	854	-22	4	22	858	-17	11	45	862	-17	11	91
09	856	-17	13	143	865	-17	5	180	862	-17	3	297	856	-19	2	186	855	-23	4	45	859	-16	10	90	863	-17	10	90
12	858	-16	10	141	865	-15	4	198	861	-21	2	308	855	-19	1	90	855	-21	6	28	859	-16	10	90	865	-16	9	90
15	859	-16	9	136	865	-13	0	0	859	-20	2	330	854	-18	0	0	855	-18	7	48	859	-16	12	77	866	-17	5	90
18	860	-17	10	161	865	-10	1	218	858	-15	3	309	854	-17	2	45	855	-17	9	45	860	-16	12	90	867	-17	3	138
21	862	-16	9	153	864	-11	0	0	858	-15	7	257	853	-17	4	45	856	-17	10	45	860	-16	14	90	868	-16	2	120
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	869	-16	1	149	867	-13	6	225	867	-20	6	231	868	-23	3	260	864	-26	2	225	860	-27	3	270	X	X	X	X
03	870	-16	0	0	867	-22	5	270	867	-23	6	184	866	-27	4	270	863	-31	3	225	859	-28	6	281	X	X	X	X
06	870	-15	0	0	866	-25	8	280	867	-26	5	180	865	-27	4	266	863	-32	2	249	X	X	X	X	X	X	X	X
09	870	-16	2	316	866	-20	10	242	867	-26	5	225	864	-28	4	260	X	X	X	X	X	X	X	X	X	X	X	X
12	869	-16	3	360	866	-22	5	270	868	-26	4	225	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	869	-11	4	360	867	-20	8	248	869	-23	2	225	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	868	-9	3	319	867	-17	8	225	868	-21	3	231	864	-26	1	180	X	X	X	X	X	X	X	X	854	-18	10	180
21	867	-11	2	260	867	-17	6	253	868	-20	3	225	864	-25	2	225	861	-24	2	280	X	X	X	X	854	-18	9	198

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -17.3 STD DEV = 3.8 MAX = -8.2 AT 1956 GMT ON DAY 16 MIN = -32.2 AT 513 GMT ON DAY 26
* PRESSURE (MB) * MEAN = 864.6 STD DEV = 8.8 MAX = 880.9 AT 841 GMT ON DAY 9 MIN = 844.5 AT 2235 GMT ON DAY 13
* WINDS (M/S) * MEAN = 6.4 STD DEV = 3.9 RESULTANT = 3.5 FROM 138. CONSTANCY = .56 MAX = 20.4 FROM 141. AT 1025 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 8.0 % PRESSURE: 8.0 % WINDS: 8.0 %

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	25	22	12	13	10	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	3	8	2	9	0	25	14	13	1	6	3	7	0	2	1

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

MAR 83

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	855	-18	9	218	857	-17	7	180	863	-23	7	180	861	-23	4	180	X	X	X	X	X	X	X	X	862	-14	10	143
03	855	-19	8	204	857	-18	9	180	863	-23	6	170	860	-27	4	225	X	X	X	X	X	X	X	X	863	-16	12	141
06	856	-19	7	205	858	-21	10	193	863	-25	4	180	860	-28	4	206	X	X	X	X	X	X	X	X	863	-19	11	149
09	856	-19	7	225	859	-23	10	179	863	-24	6	187	X	X	X	X	X	X	X	X	X	X	X	X	863	-19	10	141
12	857	-18	6	225	862	-24	9	161	862	-21	6	180	X	X	X	X	X	X	X	X	X	X	X	X	862	-20	9	150
15	857	-17	7	212	862	-24	9	180	862	-21	7	180	X	X	X	X	X	X	X	X	X	X	X	X	862	-20	8	141
18	857	-17	5	217	863	-22	6	156	861	-19	6	170	X	X	X	X	X	X	X	X	861	-15	7	180	862	-20	9	141
21	857	-18	5	218	863	-23	7	161	861	-21	4	188	X	X	X	X	X	X	X	X	862	-14	7	152	862	-20	10	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	863	-21	9	145	865	-27	4	270	863	-27	3	206	865	-26	0	0	865	-23	5	63	862	-22	4	111	859	-23	4	146
03	864	-21	9	145	865	-26	5	253	863	-29	4	229	865	-26	1	45	864	-23	5	90	862	-23	3	114	858	-26	4	149
06	864	-22	6	149	864	-25	6	246	864	-29	2	250	865	-28	0	0	864	-24	5	90	862	-23	3	120	857	-23	5	141
09	864	-24	5	180	864	-24	6	260	864	-28	1	206	866	-29	1	111	863	-23	4	93	862	-23	4	141	857	-26	4	90
12	865	-25	5	197	863	-26	5	225	865	-27	0	0	866	-28	2	141	863	-22	3	45	861	-23	4	118	858	-26	3	105
15	865	-25	6	184	863	-26	5	229	865	-24	1	12	866	-26	3	141	863	-21	2	17	861	-23	5	90	858	-23	0	0
18	865	-23	5	225	863	-23	5	212	865	-22	3	3	866	-25	5	101	862	-20	3	90	860	-22	2	101	857	-23	4	180
21	866	-25	2	260	863	-23	3	218	865	-21	0	0	865	-24	5	90	863	-20	4	86	860	-21	5	120	858	-24	3	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	858	-25	3	132	860	-30	5	132	859	-36	3	221	857	-28	6	260	863	-34	3	225	867	-36	4	225	862	-32	6	211
03	858	-27	4	155	860	-32	2	180	858	-37	3	242	857	-28	7	233	865	-37	2	243	865	-35	3	251	862	-32	6	225
06	858	-28	5	180	860	-36	3	180	858	-38	3	270	858	-31	6	226	866	-34	2	270	864	-31	3	231	862	-33	5	225
09	858	-28	5	163	860	-32	4	180	857	-37	4	270	859	-33	5	218	867	-39	3	290	864	-31	1	215	862	-33	5	225
12	859	-28	5	179	860	-34	3	190	857	-36	5	225	859	-33	4	218	868	-37	2	270	863	-36	4	225	862	-33	5	225
15	859	-29	7	180	860	-33	2	193	857	-31	4	236	860	-30	8	225	868	-37	3	225	862	-34	5	225	862	-29	3	211
18	859	-28	7	141	860	-31	2	180	857	-22	5	225	861	-30	6	219	868	-32	3	239	862	-30	5	225	863	-28	3	260
21	859	-29	6	141	859	-32	2	225	857	-24	4	270	862	-31	4	231	867	-32	2	229	862	-29	2	221	862	-28	3	260
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	862	-31	2	270	863	-19	3	309	859	-21	1	280	865	-28	2	360	874	-33	5	270	872	-24	10	270	868	-21	12	251
03	862	-26	3	280	862	-20	2	360	860	-23	0	0	865	-27	1	262	874	-30	5	274	872	-23	10	270	867	-20	13	243
06	862	-32	3	277	862	-19	2	360	860	-27	1	149	866	-26	2	180	873	-30	4	280	872	-24	10	260	868	-18	12	270
09	861	-29	4	301	861	-22	1	297	861	-28	3	161	868	-26	3	189	872	-19	3	289	871	-25	10	262	868	-18	11	252
12	861	-29	4	301	860	-24	4	309	862	-29	3	181	869	-27	4	225	871	-17	6	270	870	-25	8	270	868	-18	12	245
15	861	-27	4	289	859	-21	3	309	863	-29	1	155	870	-31	4	226	871	-22	6	253	869	-23	9	270	869	-17	10	243
18	862	-25	2	280	859	-20	2	260	864	-27	0	0	872	-31	5	225	872	-20	10	270	867	-21	13	245	869	-15	5	270
21	863	-23	5	280	859	-21	2	264	864	-28	1	12	873	-33	4	270	872	-22	8	270	867	-19	12	225	869	-14	11	256
		DAY	29			DAY	30			DAY	31																	
00	870	-15	9	260	874	-23	3	280	866	-16	0	0																
03	870	-15	9	225	873	-29	2	283	865	-17	2	141																
06	871	-16	7	225	873	-28	2	270	863	-18	6	158																
09	872	-17	4	162	872	-27	2	270	861	-19	6	134																
12	873	-17	1	135	871	-27	2	285	860	-21	8	90																
15	874	-17	3	30	871	-24	2	280	859	-24	5	101																
18	874	-18	1	360	869	-23	1	270	858	-26	3	141																
21	874	-21	0	0	868	-16	1	270	857	-26	2	153																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.0 STD DEV = 5.6 MAX = -13.0 AT 2000 GMT ON DAY 28 MIN = -40.4 AT 954 GMT ON DAY 19
* PRESSURE (MB) * MEAN = 863.4 STD DEV = 4.7 MAX = 874.7 AT 153 GMT ON DAY 26 MIN = 854.6 AT 131 GMT ON DAY 1
* WINDS (M/S) * MEAN = 4.8 STD DEV = 2.9 RESULTANT = 2.7 FROM 209. CONSTANCY = .57 MAX = 15.2 FROM 260. AT 13 GMT DAY 28
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 7.7 % PRESSURE: 7.7 % WINDS: 7.7 %

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:	14	36	24	10	9	4	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	2	2	1	0	5	3	10	7	13	5	20	7	19	4	1	0

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

APR 83

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	855	-26	2	90	860	-33	8	141	864	-30	5	145	862	-28	8	161	858	-29	3	180	859	-27	4	66	863	-37	5	180
03	855	-26	0	0	860	-33	9	141	864	-29	5	141	861	-27	10	160	857	-30	4	180	859	-28	1	69	862	-35	8	176
06	854	-26	5	141	860	-33	6	141	863	-29	6	149	861	-27	8	158	857	-31	4	183	860	-32	1	180	862	-35	4	180
09	854	-27	7	141	861	-33	7	141	863	-29	7	180	861	-28	7	180	857	-29	4	170	860	-36	3	211	861	-33	4	180
12	855	-29	9	141	861	-33	5	161	863	-29	8	141	860	-28	7	180	857	-28	2	141	861	-37	4	184	860	-32	3	163
15	857	-31	6	148	862	-33	5	150	863	-29	6	146	859	-30	6	180	857	-27	2	45	861	-37	5	180	858	-31	5	161
18	858	-31	6	141	862	-31	5	141	862	-28	8	158	858	-30	4	181	858	-27	3	90	862	-37	4	193	857	-32	5	161
21	859	-32	8	141	863	-31	4	141	862	-27	7	161	858	-27	5	161	858	-27	2	97	862	-36	5	158	854	-32	7	149
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	853	-31	10	139	850	-31	7	111	867	-39	3	251	875	-23	1	225	880	-21	2	270	883	-17	7	243	880	-19	5	251
03	850	-30	9	141	853	-32	5	120	868	-36	1	225	875	-21	3	231	880	-18	4	256	883	-15	9	243	879	-20	4	225
06	850	-30	8	142	855	-32	7	141	869	-34	3	301	876	-24	2	273	881	-19	4	269	882	-14	10	236	878	-21	3	231
09	849	-31	11	141	856	-36	4	167	870	-32	3	301	877	-29	3	270	881	-19	5	270	881	-15	8	226	877	-24	4	266
12	847	-30	15	131	855	-34	9	180	871	-34	5	270	877	-26	7	225	881	-17	4	270	881	-14	10	231	875	-21	0	0
15	845	-30	17	141	857	-32	7	180	872	-31	4	246	878	-26	6	245	882	-19	5	262	881	-15	8	225	873	-18	2	263
18	846	-30	7	111	861	-33	6	180	873	-31	2	243	878	-26	4	270	883	-14	6	255	880	-14	5	212	871	-17	3	251
21	848	-31	5	141	864	-37	5	212	874	-25	2	225	879	-23	4	270	883	-15	9	270	880	-11	6	242	868	-13	4	252
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	866	-13	6	250	854	-17	12	281	850	-18	7	62	857	-31	6	101	861	-32	4	186	874	-23	4	270	870	-13	15	270
03	863	-18	7	270	854	-18	10	274	849	-28	10	141	856	-32	6	107	863	-37	3	226	874	-21	1	274	871	-15	16	260
06	861	-19	8	270	854	-17	8	277	852	-29	5	141	854	-32	5	161	864	-33	3	218	873	-17	4	359	869	-16	23	243
09	860	-15	11	270	854	-18	5	309	854	-30	3	180	853	-32	4	180	865	-31	2	225	872	-9	9	315	871	-17	14	231
12	X	X	X	X	854	-20	5	281	856	-30	3	159	855	-32	5	198	867	-32	4	248	869	-8	13	309	869	-17	16	270
15	X	X	X	X	855	-17	0	0	858	-30	4	360	857	-37	4	208	869	-17	8	256	867	-7	17	318	868	-19	12	270
18	856	-15	10	301	854	-15	2	34	858	-32	5	45	858	-38	4	180	871	-18	7	270	868	-9	16	297	868	-21	7	243
21	854	-15	12	270	852	-15	6	42	857	-30	6	62	860	-34	6	180	873	-24	5	270	869	-9	16	280	867	-23	6	270
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	865	-24	10	270	856	-23	5	41	858	-32	10	142	876	-32	4	359	870	-26	4	342	872	-18	2	170	870	-22	4	63
03	863	-24	10	270	855	-24	6	45	859	-33	11	156	875	-35	5	339	869	-18	6	360	872	-20	4	141	870	-22	2	76
06	861	-23	8	252	855	-25	6	54	861	-32	11	170	874	-33	5	309	868	-17	6	360	873	-22	1	141	869	-24	1	138
09	859	-23	7	267	855	-26	5	80	864	-33	8	162	873	-24	3	309	868	-16	8	360	873	-22	2	120	868	-21	3	90
12	858	-24	5	270	855	-27	7	115	868	-36	5	203	873	-22	5	300	868	-14	8	330	873	-23	2	141	867	-21	3	135
15	857	-26	3	270	854	-27	6	149	871	-36	5	218	872	-19	4	309	869	-16	2	302	872	-22	3	98	866	-20	3	124
18	857	-21	2	360	854	-28	8	141	873	-34	5	180	871	-22	4	360	870	-15	0	0	872	-21	3	90	866	-20	3	101
21	856	-24	2	68	856	-31	13	143	875	-36	1	229	871	-24	5	338	872	-16	2	141	871	-22	3	45	866	-20	2	360
		DAY	29			DAY	30																					
00	867	-21	4	330	869	-26	2	225																				
03	867	-23	4	325	869	-22	3	180																				
06	867	-19	5	273	868	-23	4	159																				
09	868	-21	4	270	868	-21	3	93																				
12	868	-25	4	270	867	-23	6	90																				
15	868	-25	3	270	866	-25	4	111																				
18	869	-24	3	297	865	-28	2	188																				
21	869	-22	2	270	863	-27	2	149																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.2 STD DEV = 7.0 MAX = -6.6 AT 1031 GMT ON DAY 20 MIN = -39.4 AT 2333 GMT ON DAY 9
* PRESSURE (MB) * MEAN = 864.6 STD DEV = 8.7 MAX = 883.3 AT 46 GMT ON DAY 13 MIN = 844.4 AT 1434 GMT ON DAY 8
* WINDS (M/S) * MEAN = 5.7 STD DEV = 3.5 RESULTANT = 2.1 FROM 207. CONSTANCY = .37 MAX = 23.3 FROM 243. AT 557 GMT DAY 21
* 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:	11	25	29	17	10	4	2	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	4	0	3	3	5	3	15	10	12	3	8	8	18	3	3	2

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

MAY 83

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	853	-30	5	141	869	-29	4	141	874	-26	1	194	867	-24	3	225	873	-21	3	251	868	-33	2	260
03	860	-29	5	111	852	-31	9	149	870	-29	3	170	873	-24	0	0	867	-26	2	240	873	-21	3	248	867	-33	0	0
06	859	-29	4	122	852	-31	10	149	872	-28	5	141	872	-24	0	0	867	-26	2	260	873	-24	3	229	866	-32	3	203
09	857	-28	1	82	854	-31	10	141	873	-28	4	161	871	-24	0	0	868	-22	3	225	873	-26	4	229	866	-31	0	0
12	856	-27	1	183	857	-31	7	132	874	-27	4	159	869	-23	1	0	868	-20	3	225	872	-28	3	225	865	-31	1	141
15	855	-26	5	143	860	-31	8	141	874	-27	3	141	868	-20	1	269	870	-19	3	239	871	-28	2	231	865	-31	0	0
18	854	-27	5	141	863	-31	5	141	874	-27	1	180	867	-21	3	270	871	-20	1	218	870	-29	2	236	864	-32	0	0
21	853	-28	6	148	866	-30	4	117	875	-26	1	194	867	-22	3	251	872	-19	1	231	869	-31	2	270	863	-33	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	863	-35	1	180	855	-35	11	141	864	-34	12	149	864	-34	3	180	853	-35	0	0	853	-43	2	195	852	-36	4	143
03	862	-34	1	141	856	-35	12	141	865	-34	10	149	862	-38	2	189	853	-38	0	0	854	-37	4	174	851	-36	8	149
06	861	-33	2	141	857	-35	12	141	865	-35	11	146	861	-40	2	225	852	-36	0	0	854	-35	4	141	850	-39	6	149
09	860	-32	3	132	858	-34	12	149	866	-34	9	150	859	-40	3	218	852	-36	0	0	854	-34	3	141	850	-38	7	161
12	858	-34	3	90	859	-34	12	141	866	-34	8	152	858	-40	2	225	852	-40	0	0	854	-34	4	134	850	-38	6	161
15	857	-34	4	136	860	-34	12	141	866	-33	5	141	856	-40	2	270	852	-43	1	238	854	-35	1	84	850	-36	7	148
18	855	-35	11	141	861	-34	14	148	866	-33	4	141	855	-41	1	270	852	-45	1	225	853	-35	4	111	851	-39	5	184
21	855	-36	11	145	862	-34	14	150	865	-32	3	141	854	-41	1	278	852	-44	2	225	853	-37	5	141	851	-39	5	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	852	-37	5	180	861	-43	2	225	870	-36	5	308	868	-34	2	260	869	-24	5	53	874	-26	3	135	875	-27	3	101
03	853	-39	5	191	863	-41	2	225	868	-38	2	270	868	-31	0	0	869	-24	5	90	874	-26	4	141	875	-27	4	108
06	854	-40	2	224	864	-40	3	224	868	-35	2	274	869	-29	2	12	870	-23	5	86	874	-26	5	141	874	-29	2	180
09	855	-40	2	225	865	-37	5	217	868	-32	2	294	868	-30	2	360	870	-23	7	90	874	-27	5	141	873	-28	3	180
12	857	-42	2	225	867	-32	4	205	867	-30	3	263	868	-29	1	17	871	-24	7	90	874	-27	6	132	872	-34	2	229
15	858	-41	2	243	868	-31	3	225	868	-32	3	148	868	-27	2	37	872	-25	5	90	875	-28	4	141	X	X	X	X
18	858	-41	0	0	869	-31	3	225	867	-34	2	270	868	-27	3	45	873	-26	5	101	875	-27	5	141	871	-35	2	225
21	860	-41	2	228	869	-30	2	253	868	-36	2	259	868	-26	3	45	873	-26	5	101	875	-27	5	98	870	-34	2	218
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	874	-24	2	79	874	-22	5	141	876	-21	9	141	885	-20	3	142	886	-21	0	0	884	-24	2	4
03	870	-34	2	228	873	-25	0	0	875	-24	5	125	879	-22	4	111	885	-21	2	180	885	-22	0	0	884	-19	2	12
06	870	-32	5	180	872	-24	3	115	876	-23	6	120	880	-22	5	125	885	-21	3	149	885	-21	1	90	884	-16	4	45
09	871	-32	5	180	872	-23	5	90	877	-23	5	170	882	-21	3	129	885	-21	2	149	885	-20	3	90	883	-16	6	360
12	872	-35	3	180	870	-22	7	90	877	-23	7	141	883	-22	3	180	885	-21	2	122	885	-16	3	34	882	-15	7	360
15	873	-29	3	155	870	-22	9	89	877	-23	5	141	884	-21	2	141	885	-21	1	100	884	-16	4	45	882	-18	6	360
18	873	-26	3	141	870	-22	8	90	877	-22	6	139	884	-20	3	152	885	-22	0	0	884	-16	3	45	881	-15	5	360
21	873	-24	3	141	872	-22	6	90	876	-21	8	141	884	-21	3	181	885	-22	0	0	885	-22	2	37	880	-14	5	360
		DAY	29			DAY	30			DAY	31																	
00	880	-13	6	360	862	-32	6	141	865	-40	3	228																
03	878	-14	7	8	859	-34	3	141	865	-42	1	270																
06	876	-14	8	360	857	-34	5	149	864	-35	3	342																
09	874	-14	7	21	856	-35	8	180	863	-28	4	360																
12	871	-15	8	90	856	-36	5	163	864	-28	5	309																
15	869	-19	14	86	858	-36	7	180	865	-20	5	300																
18	866	-26	12	90	860	-36	7	180	866	-20	3	349																
21	864	-29	9	128	863	-36	6	180	864	-16	3	360																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -29.0 STD DEV = 7.2 MAX = -13.1 AT 2302 GMT ON DAY 28 MIN = -45.2 AT 1825 GMT ON DAY 12
* PRESSURE (MB) * MEAN = 867.2 STD DEV = 9.6 MAX = 885.6 AT 2209 GMT ON DAY 26 MIN = 849.4 AT 939 GMT ON DAY 14
* WINDS (M/S) * MEAN = 4.1 STD DEV = 3.0 RESULTANT = 2.3 FROM 142. CONSTANCY = .57 MAX = 16.6 FROM 103. AT 1919 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:	25	33	21	9	5	3	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	6	2	4	0	11	4	24	11	11	2	13	4	7	1	1	0

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

JUN 83

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	-18	4	45	855	-35	3	225	855	-31	3	225	858	-34	2	189	868	-39	1	270	873	-32	3	291	855	-22	6	360
03	856	-19	6	90	853	-33	5	198	855	-27	2	225	859	-38	2	225	869	-39	1	270	872	-29	2	319	855	-23	3	336
06	856	-26	5	134	853	-34	5	212	856	-26	2	180	860	-40	3	225	869	-39	1	270	870	-25	2	360	858	-34	8	225
09	858	-29	5	170	853	-31	4	201	856	-26	2	179	862	-41	3	225	870	-38	1	280	867	-24	6	12	861	-31	7	225
12	860	-32	4	189	853	-31	5	218	856	-26	2	149	863	-40	3	229	871	-34	2	278	864	-25	7	360	862	-33	12	260
15	861	-34	0	0	854	-27	5	180	856	-28	2	180	864	-41	2	225	872	-31	3	263	861	-24	6	27	862	-31	11	243
18	859	-35	1	225	854	-27	7	193	857	-30	1	180	865	-40	2	225	873	-33	2	270	858	-23	9	24	863	-30	7	243
21	857	-36	0	0	855	-28	3	205	857	-35	3	198	867	-40	1	238	874	-33	2	270	855	-23	10	37	863	-30	3	270
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	860	-21	3	289	856	-35	10	263	854	-35	8	90	856	-44	3	225	848	-40	1	225	853	-45	3	297	845	-38	7	136
03	858	-25	3	360	856	-37	9	270	851	-36	9	79	856	-44	2	231	846	-42	2	206	854	-48	3	270	845	-39	5	149
06	856	-24	6	285	856	-37	9	257	851	-38	4	101	856	-44	2	252	845	-43	2	225	856	-45	3	270	847	-40	3	141
09	856	-30	7	270	857	-37	6	251	850	-38	1	122	855	-46	3	250	845	-45	3	229	856	-40	0	0	849	-39	2	161
12	856	-37	6	233	857	-32	3	180	851	-38	3	206	854	-48	2	251	845	-45	2	229	856	-35	0	0	849	-40	3	159
15	856	-39	3	260	858	-35	3	161	852	-38	4	149	853	-47	2	270	847	-45	3	225	853	-34	5	90	851	-41	3	177
18	855	-34	8	270	858	-36	5	70	853	-38	4	141	852	-50	2	276	849	-47	3	270	848	-32	10	90	851	-41	4	180
21	855	-34	10	270	856	-35	9	45	855	-39	1	195	850	-42	2	222	851	-49	2	276	846	-38	10	110	852	-42	3	206
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	851	-42	4	181	848	-45	5	270	846	-38	6	270	854	-32	10	260	867	-36	4	214	864	-47	4	225	850	-41	6	225
03	851	-43	3	211	847	-45	4	259	847	-37	6	249	855	-31	10	251	870	-39	3	225	861	-48	4	255	851	-38	6	225
06	851	-44	3	206	845	-45	5	262	849	-44	6	239	855	-30	12	270	871	-42	3	225	858	-46	2	231	851	-35	4	252
09	850	-45	3	225	845	-45	4	251	850	-45	8	225	855	-28	14	243	872	-43	4	214	855	-46	2	231	851	-39	3	229
12	850	-49	4	225	845	-44	5	225	852	-45	6	251	857	-27	11	242	872	-45	4	229	853	-44	2	240	853	-44	3	240
15	849	-49	3	252	845	-45	5	243	853	-46	4	277	860	-28	8	225	871	-45	5	218	851	-46	3	225	856	-42	3	180
18	849	-47	4	242	846	-45	4	248	853	-35	6	270	862	-30	7	225	870	-45	5	225	850	-44	5	225	859	-37	2	225
21	848	-46	4	270	846	-42	4	270	854	-31	8	257	865	-34	5	225	866	-46	5	225	849	-43	4	225	862	-41	3	221
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	865	-43	4	190	867	-47	8	188	876	-32	13	141	878	-29	9	141	871	-32	0	0	875	-35	2	218	877	-29	3	301
03	867	-42	6	180	X	X	X	X	878	-32	10	145	876	-28	9	142	870	-32	0	0	876	-32	2	270	877	-28	6	302
06	869	-45	4	189	X	X	X	X	878	-32	10	161	875	-28	9	162	870	-33	0	0	876	-35	2	301	878	-21	5	309
09	870	-47	5	218	X	X	X	X	879	-31	11	180	874	-29	8	141	871	-32	0	0	876	-33	3	295	878	-19	3	332
12	870	-47	5	169	X	X	X	X	880	-30	9	180	874	-29	5	141	871	-35	1	64	876	-28	5	270	877	-20	2	309
15	869	-49	5	218	X	X	X	X	881	-30	12	148	873	-31	2	174	871	-37	0	0	876	-30	3	270	878	-21	3	271
18	869	-48	5	206	X	X	X	X	880	-30	12	141	872	-31	1	163	872	-35	0	0	877	-33	3	289	877	-21	1	270
21	868	-51	4	218	X	X	X	X	879	-29	10	141	872	-31	1	170	874	-32	2	110	877	-30	2	284	877	-27	4	291
		DAY	29			DAY	30																					
00	876	-27	3	260	868	-29	0	0																				
03	877	-33	5	197	867	-29	0	0																				
06	877	-35	3	218	866	-32	4	125																				
09	877	-35	2	225	866	-32	3	141																				
12	876	-37	3	218	867	-34	2	141																				
15	874	-36	2	251	867	-36	4	180																				
18	872	-32	1	212	867	-37	3	180																				
21	871	-30	0	0	867	-36	4	180																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.9 STD DEV = 7.4 MAX = -17.1 AT 217 GMT ON DAY 1 MIN = -51.4 AT 2000 GMT ON DAY 22
* PRESSURE (MB) * MEAN = 860.9 STD DEV = 10.1 MAX = 881.0 AT 1256 GMT ON DAY 24 MIN = 844.7 AT 107 GMT ON DAY 14
* WINDS (M/S) * MEAN = 4.3 STD DEV = 2.9 RESULTANT = 2.3 FROM 219. CONSTANCY = .52 MAX = 16.4 FROM 245. AT 1018 GMT DAY 18
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.9 % PRESSURE: 2.9 % WINDS: 2.9 %

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:	18	38	21	10	5	6	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	1	1	1	3	1	7	5	11	7	25	11	17	5	1	1

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

JUL 83

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	867	-38	3	225	867	-30	3	270	868	-35	3	200	867	-35	3	90	863	-41	6	180	871	-45	2	251	860	-23	4	343
03	867	-39	4	221	868	-31	2	302	868	-36	2	205	866	-35	4	107	863	-43	7	180	871	-41	0	0	858	-21	5	360
06	867	-40	3	225	868	-31	1	270	868	-36	1	200	865	-36	6	115	865	-44	9	191	871	-41	2	349	857	-23	2	360
09	867	-40	3	235	868	-28	0	0	868	-38	1	243	863	-36	5	141	867	-45	5	205	870	-44	3	308	855	-24	3	360
12	868	-40	2	251	868	-28	1	184	868	-40	1	225	861	-37	0	0	868	-45	3	225	869	-42	2	329	854	-24	2	319
15	868	-40	3	266	868	-34	1	239	868	-36	2	162	860	-37	8	150	869	-45	3	225	867	-36	4	309	854	-21	0	0
18	868	-40	3	282	868	-36	2	180	868	-35	2	141	860	-38	7	149	870	-46	3	226	864	-33	3	360	854	-26	4	170
21	867	-34	4	287	868	-36	2	206	867	-36	2	90	862	-40	5	149	871	-45	3	219	862	-30	5	336	854	-27	2	225
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	855	-28	3	187	845	-27	4	27	858	-40	2	90	862	-39	5	90	866	-40	3	176	866	-44	2	218	863	-42	3	180
03	855	-35	2	289	846	-27	2	360	858	-38	3	76	863	-39	5	90	866	-41	1	189	865	-44	2	214	863	-39	2	180
06	854	-34	0	0	848	-31	4	139	859	-38	5	79	864	-39	3	118	865	-44	2	222	865	-43	2	189	863	-37	2	180
09	853	-33	1	243	850	-36	5	180	859	-38	5	54	864	-38	4	141	865	-44	2	198	865	-43	3	184	862	-35	2	165
12	851	-32	2	307	853	-39	3	189	860	-39	6	69	866	-38	3	148	866	-39	1	180	864	-44	2	206	862	-34	2	180
15	849	-26	2	309	854	-42	2	188	860	-39	6	66	866	-37	4	141	866	-42	2	205	864	-44	3	180	862	-32	3	180
18	848	-26	2	22	856	-41	1	180	860	-39	6	90	867	-38	3	145	866	-42	2	210	863	-44	3	180	862	-32	3	163
21	846	-26	4	45	857	-40	1	141	861	-39	5	87	867	-39	1	180	867	-42	2	225	863	-43	3	180	862	-32	3	152
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	861	-32	2	180	854	-34	10	152	837	-36	20	143	846	-32	5	121	856	-34	3	218	858	-34	0	0	861	-37	2	184
03	860	-32	4	180	853	-35	13	141	837	-33	17	149	849	-33	2	111	856	-29	5	191	859	-34	0	0	861	-37	3	149
06	860	-32	2	149	851	-35	12	170	837	-33	17	141	851	-34	1	149	855	-31	4	180	859	-33	0	0	861	-36	4	180
09	859	-32	3	170	848	-36	15	141	837	-33	14	141	853	-33	3	180	855	-30	4	155	860	-34	0	0	859	-36	5	173
12	859	-33	3	153	844	-37	15	146	838	-32	11	152	855	-32	1	180	855	-33	1	180	860	-38	2	212	860	-36	5	141
15	858	-34	5	141	842	-39	17	141	839	-33	12	150	855	-33	3	184	856	-32	0	0	861	-39	0	0	859	-37	5	152
18	856	-33	6	141	840	-39	14	141	841	-32	9	141	856	-35	6	190	856	-31	0	0	861	-39	1	222	859	-37	6	141
21	856	-34	6	156	838	-38	19	136	844	-32	5	141	856	-34	5	180	857	-31	0	0	861	-37	1	225	858	-37	7	150
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	858	-38	5	149	859	-39	2	225	858	-34	1	90	848	-40	4	360	837	-38	11	159	844	-46	4	155	842	-43	2	141
03	858	-38	6	160	859	-36	1	198	858	-34	2	45	847	-36	1	301	838	-41	13	156	843	-46	2	149	842	-44	2	177
06	857	-38	5	180	857	-36	4	150	857	-34	3	45	845	-36	0	0	839	-42	11	149	842	-46	1	180	842	-43	3	183
09	858	-40	2	206	857	-35	2	134	855	-33	5	79	843	-36	3	146	841	-44	9	149	842	-48	0	0	843	-46	2	180
12	858	-44	2	225	858	-34	1	141	853	-34	6	90	842	-36	2	158	842	-45	10	159	841	-47	1	180	844	-43	4	180
15	858	-45	4	221	857	-35	2	90	852	-34	5	90	840	-37	3	180	843	-44	6	149	841	-46	2	183	845	-42	5	170
18	859	-46	3	225	858	-34	2	101	851	-34	4	360	838	-36	8	180	843	-45	6	161	841	-45	3	177	845	-42	4	135
21	859	-44	3	242	858	-34	2	90	850	-36	2	13	837	-37	9	180	844	-45	5	141	841	-45	0	0	846	-41	4	145
		DAY	29			DAY	30			DAY	31																	
00	846	-40	4	111	836	-44	4	156	838	-46	2	225																
03	844	-41	5	135	836	-45	6	161	839	-47	2	225																
06	842	-42	9	120	835	-42	8	149	839	-48	2	251																
09	839	-42	8	128	834	-40	9	155	839	-49	2	225																
12	834	-42	8	134	834	-38	10	141	838	-48	2	189																
15	832	-41	12	141	834	-38	8	141	838	-45	2	180																
18	832	-40	10	145	836	-37	4	141	836	-41	4	141																
21	834	-43	8	141	838	-41	3	188	833	-37	9	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -37.4 STD DEV = 5.4 MAX = -20.0 AT 338 GMT ON DAY 7 MIN = -49.5 AT 1145 GMT ON DAY 31
* PRESSURE (MB) * MEAN = 854.8 STD DEV = 10.7 MAX = 871.7 AT 14 GMT ON DAY 6 MIN = 830.9 AT 1507 GMT ON DAY 29
* WINDS (M/S) * MEAN = 4.2 STD DEV = 3.6 RESULTANT = 2.9 FROM 155. CONSTANCY = .70 MAX = 20.2 FROM 148. AT 1153 GMT DAY 16
* 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	34	20	5	5	3	2	1	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	3	1	2	1	6	3	17	16	25	5	10	3	1	2	2	1

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

AUG 83

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	839	-46	2	228	831	-42	6	180	823	-38	3	205	828	-33	12	246	X	X	X	X	X	X	X	X
03	828	-36	16	141	840	-46	3	225	829	-40	8	205	824	-42	3	228	829	-37	15	263	X	X	X	X	836	-31	9	141
06	829	-38	13	146	841	-45	3	260	826	-34	10	180	824	-42	3	225	831	-38	13	270	X	X	X	X	837	-33	5	174
09	829	-38	16	141	841	-44	2	271	824	-34	12	149	824	-36	4	225	834	-39	10	270	X	X	X	X	838	-35	9	180
12	831	-40	12	135	840	-39	0	0	822	-35	13	141	824	-36	6	218	838	-42	8	270	X	X	X	X	838	-38	6	180
15	833	-40	12	141	838	-37	1	225	820	-34	10	153	824	-36	8	210	839	-42	6	260	X	X	X	X	837	-39	5	180
18	835	-38	10	148	837	-37	1	198	820	-35	11	141	825	-33	8	225	842	-42	3	276	X	X	X	X	836	-42	4	188
21	837	-41	5	141	834	-40	4	195	822	-36	5	180	826	-32	10	260	X	X	X	X	X	X	X	X	835	-42	5	179
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	833	-42	5	180	834	-41	7	177	834	-48	1	206	832	-36	9	176	838	-34	10	161	841	-34	7	180	847	-36	13	150
03	832	-42	5	180	833	-40	9	180	834	-51	2	206	831	-34	11	163	838	-32	11	165	841	-34	10	149	847	-35	16	152
06	832	-43	6	180	833	-40	7	180	833	-45	3	180	833	-35	12	180	838	-32	10	141	842	-35	10	162	848	-33	17	136
09	831	-43	8	177	834	-41	5	173	833	-41	5	180	X	X	X	X	840	-33	8	141	843	-35	8	180	849	-32	13	141
12	832	-44	6	188	834	-40	4	169	X	X	X	X	835	-36	11	141	840	-33	6	180	844	-35	10	156	851	-32	13	161
15	832	-43	6	180	834	-43	3	180	X	X	X	X	836	-37	10	141	840	-33	8	180	844	-36	14	141	852	-31	10	138
18	832	-42	9	180	835	-46	2	211	X	X	X	X	837	-36	12	141	840	-34	10	180	845	-36	14	141	854	-31	7	176
21	833	-42	7	180	X	X	X	X	832	-37	8	180	837	-36	13	158	840	-33	10	180	846	-35	14	141	855	-31	8	180
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	855	-30	8	218	X	X	X	X	850	-36	3	141	842	-36	2	145	853	-40	5	203	864	-38	5	283	862	-14	12	360
03	X	X	X	X	848	-37	3	260	848	-35	5	141	843	-36	1	149	854	-39	7	208	864	-33	1	284	861	-10	17	335
06	X	X	X	X	848	-36	4	233	844	-34	9	90	844	-36	3	149	855	-36	8	225	862	-28	3	360	866	-13	9	289
09	X	X	X	X	849	-35	0	0	843	-34	10	103	845	-35	6	141	857	-38	6	225	863	-27	5	360	871	-20	7	295
12	X	X	X	X	850	-36	0	0	841	-35	7	155	847	-36	5	166	858	-39	5	224	864	-25	7	360	875	-24	6	270
15	X	X	X	X	851	-33	1	12	839	-34	10	141	848	-39	4	183	860	-37	5	245	865	-22	10	346	877	-28	3	243
18	X	X	X	X	851	-36	1	141	841	-33	5	141	850	-40	4	189	862	-39	4	270	866	-19	7	360	878	-32	0	0
21	X	X	X	X	851	-35	2	141	842	-35	4	138	851	-36	5	180	863	-39	5	270	865	-18	8	360	877	-24	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	877	-20	2	45	865	-24	9	59	874	-31	0	0	870	-26	6	270	866	-31	4	180	859	-30	5	146	863	-39	7	125
03	876	-18	7	45	863	-23	10	54	874	-31	1	103	872	-34	5	270	864	-29	4	180	858	-33	5	111	865	-38	6	136
06	875	-17	10	11	863	-23	3	90	873	-29	1	90	873	-32	6	245	862	-28	5	141	858	-36	8	141	867	-38	4	149
09	874	-20	10	45	866	-29	1	103	872	-28	2	103	873	-33	5	248	861	-27	6	110	858	-38	8	141	869	-38	1	161
12	872	-22	8	53	869	-35	0	0	870	-28	2	90	872	-31	6	225	859	-27	7	105	859	-39	7	139	871	-39	0	0
15	870	-22	12	45	871	-34	0	0	868	-28	0	0	871	-31	5	225	859	-27	9	111	859	-39	8	141	872	-36	2	41
18	868	-23	11	59	873	-31	2	90	868	-28	0	0	870	-30	5	224	859	-29	8	90	860	-39	7	141	872	-37	4	45
21	866	-23	11	45	873	-30	1	103	868	-27	6	321	867	-29	4	225	859	-30	5	114	862	-39	6	141	872	-36	3	37
		DAY	29			DAY	30			DAY	31																	
00	871	-35	4	90	858	-34	5	90	855	-37	9	141																
03	870	-34	4	86	855	-35	5	101	856	-37	8	141																
06	869	-34	3	125	853	-35	0	0	856	-36	8	142																
09	869	-33	1	90	852	-34	10	141	857	-35	6	141																
12	867	-31	3	141	852	-36	12	141	858	-34	9	142																
15	866	-32	5	152	853	-37	10	141	859	-34	8	141																
18	863	-30	5	141	854	-37	10	136	860	-34	9	150																
21	861	-32	6	101	854	-37	12	141	861	-35	7	149																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -34.3 STD DEV = 6.3 MAX = -9.7 AT 326 GMT ON DAY 21 MIN = -50.6 AT 357 GMT ON DAY 10
* PRESSURE (MB) * MEAN = 850.2 STD DEV = 15.6 MAX = 878.2 AT 1829 GMT ON DAY 21 MIN = 819.8 AT 1632 GMT ON DAY 3
* WINDS (M/S) * MEAN = 6.5 STD DEV = 3.9 RESULTANT = 3.7 FROM 158. CONSTANCY = .57 MAX = 18.5 FROM 146. AT 441 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 9.7 % PRESSURE: 9.7 % WINDS: 9.7 %

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:	14	13	22	16	16	12	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	3	0	5	1	6	5	25	10	19	5	8	2	7	2	0	1

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

SEP 83

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	863	-34	7	161	870	-33	5	141	872	-34	1	160	871	-33	0	0	860	-31	2	350	844	-36	7	122	841	-42	4	225
03	864	-35	6	180	870	-35	5	156	872	-33	2	180	870	-32	0	0	859	-30	3	360	X	X	X	X	841	-42	2	360
06	864	-35	8	170	871	-36	4	180	872	-34	1	179	869	-33	0	0	857	-29	5	45	X	X	X	X	842	-40	5	301
09	866	-34	8	186	871	-37	3	180	872	-33	1	149	868	-33	0	0	855	-30	5	45	841	-38	11	149	843	-37	7	280
12	867	-33	8	161	872	-36	2	180	872	-33	1	141	867	-35	0	0	852	-29	7	77	838	-38	11	141	843	-37	6	301
15	868	-32	9	152	872	-38	1	206	872	-35	0	0	866	-33	0	0	849	-27	11	65	834	-38	13	146	844	-36	4	267
18	869	-33	8	143	872	-35	3	180	872	-32	0	0	864	-33	1	315	846	-31	14	45	833	-33	8	101	843	-35	4	311
21	870	-33	7	159	872	-35	3	169	872	-32	0	0	862	-32	3	342	844	-32	8	69	837	-33	4	315	843	-32	6	270
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	843	-33	6	231	850	-37	8	225	858	-17	12	257	874	-17	5	270	881	-28	2	125	882	-27	2	91	882	-27	4	270
03	843	-36	8	256	853	-39	5	225	860	-18	13	270	874	-17	4	245	880	-28	3	90	882	-27	2	124	881	-26	5	264
06	843	-37	6	256	855	-34	7	219	865	-18	5	251	877	-22	0	0	880	-29	2	111	883	-26	0	0	880	-22	8	270
09	843	-38	10	245	858	-31	10	233	868	-21	5	274	877	-22	1	307	880	-29	2	90	883	-25	0	0	879	-19	9	270
12	843	-37	10	260	858	-30	11	231	869	-18	5	270	878	-24	0	0	879	-30	3	90	883	-25	0	0	878	-18	10	262
15	843	-37	12	251	859	-27	6	270	870	-14	7	276	879	-28	0	0	880	-30	3	90	883	-26	1	232	877	-17	11	270
18	845	-37	9	224	857	-18	5	315	872	-14	4	270	880	-24	2	141	881	-29	2	127	883	-24	1	270	877	-17	10	270
21	848	-38	5	198	857	-17	12	283	872	-16	9	276	880	-27	4	141	882	-28	3	141	883	-23	2	274	875	-17	11	270
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	874	-18	9	259	868	-16	2	360	862	-29	3	79	867	-27	2	90	863	-30	2	149	857	-27	1	229	855	-36	4	198
03	873	-19	9	270	867	-16	5	11	861	-29	3	18	867	-27	3	141	861	-31	3	180	856	-28	3	225	855	-39	5	217
06	872	-20	9	270	866	-17	8	24	862	-29	2	21	866	-28	5	162	860	-36	2	225	855	-35	3	225	855	-40	4	225
09	871	-20	8	260	865	-20	7	360	862	-29	0	0	866	-28	3	136	859	-35	2	205	854	-37	3	225	855	-39	4	225
12	870	-22	9	270	865	-27	2	180	864	-28	1	90	865	-28	3	141	859	-35	2	217	854	-28	4	193	856	-34	3	225
15	869	-21	7	285	864	-27	3	105	865	-27	2	37	865	-27	2	161	858	-31	2	198	854	-28	5	188	857	-31	3	231
18	869	-20	8	270	862	-29	6	91	865	-26	0	0	864	-28	2	111	857	-29	2	180	854	-29	4	206	857	-31	3	259
21	868	-17	0	0	862	-29	4	135	866	-26	2	103	863	-29	1	56	857	-28	1	201	854	-31	3	225	857	-35	3	270
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	856	-37	3	270	846	-40	7	189	848	-38	5	186	850	-37	4	225	853	-25	8	270	848	-22	6	280	845	-36	3	113
03	854	-30	5	264	847	-40	6	189	848	-41	6	198	849	-38	3	246	851	-24	8	270	849	-29	3	270	845	-36	1	141
06	852	-25	7	270	847	-39	6	198	848	-39	7	180	849	-38	5	239	848	-21	8	304	848	-27	3	271	845	-38	3	135
09	849	-23	10	270	847	-39	6	180	848	-38	10	180	849	-35	6	238	846	-18	8	340	848	-29	7	127	844	-37	5	103
12	845	-22	8	270	847	-39	5	150	850	-39	7	180	849	-33	6	225	846	-21	10	309	847	-33	6	82	843	-37	5	107
15	843	-26	10	260	848	-38	6	170	851	-37	8	191	848	-26	13	243	846	-20	9	301	846	-35	6	101	842	-37	5	141
18	842	-28	9	260	847	-37	7	163	850	-34	8	195	849	-22	12	225	846	-21	9	300	845	-34	3	141	841	-36	9	141
21	843	-35	7	204	848	-36	6	149	850	-33	5	225	851	-24	12	243	848	-23	10	291	844	-34	4	115	841	-36	13	153
		DAY	29			DAY	30																					
00	843	-38	7	181	845	-41	1	240																				
03	845	-41	8	180	843	-42	0	0																				
06	846	-43	6	206	841	-36	4	360																				
09	847	-42	6	225	839	-30	4	270																				
12	847	-43	6	218	838	-26	10	270																				
15	848	-40	4	228	838	-23	9	269																				
18	847	-38	2	225	839	-23	11	277																				
21	847	-38	0	0	839	-23	10	270																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -30.2 STD DEV = 6.9 MAX = -12.1 AT 1623 GMT ON DAY 10 MIN = -43.4 AT 1144 GMT ON DAY 29
* PRESSURE (MB) * MEAN = 858.4 STD DEV = 13.0 MAX = 883.6 AT 1524 GMT ON DAY 13 MIN = 831.7 AT 1821 GMT ON DAY 6
* WINDS (M/S) * MEAN = 5.1 STD DEV = 3.4 RESULTANT = 2.3 FROM 228. CONSTANCY = .45 MAX = 16.2 FROM 49. AT 1659 GMT DAY 5
* 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:	21	23	19	16	11	8	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	3	1	2	1	6	4	10	7	11	6	13	6	22	3	3	1

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

OCT 83

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	840	-27	6	269	842	-33	0	0	845	-36	5	225	837	-39	4	141	837	-40	5	225	840	-42	3	270	845	-27	7	301
03	839	-28	9	270	842	-36	3	12	843	-36	4	231	837	-40	3	149	836	-43	5	225	840	-44	4	270	847	-27	9	270
06	839	-24	10	262	842	-37	3	21	841	-40	5	289	837	-42	3	180	836	-43	3	248	841	-43	4	302	848	-29	5	270
09	839	-24	10	270	842	-37	3	62	838	-40	4	270	837	-42	4	184	836	-45	4	253	841	-40	4	309	849	-32	4	287
12	840	-26	5	225	843	-37	2	69	837	-37	0	0	838	-40	5	180	837	-44	3	225	841	-36	3	359	850	-33	4	322
15	840	-27	8	267	844	-36	1	170	835	-36	4	149	837	-39	5	200	837	-39	3	225	842	-33	3	360	850	-27	2	360
18	841	-29	6	225	844	-36	5	190	835	-37	5	141	837	-37	5	198	838	-38	2	238	843	-29	3	360	849	-27	7	45
21	842	-32	4	198	844	-35	5	180	836	-37	5	141	837	-38	5	225	839	-38	2	270	844	-29	4	308	848	-26	10	45
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	847	-28	10	42	837	-35	4	127	843	-24	8	309	834	-15	9	360	828	-23	7	360	840	-32	2	90	840	-34	7	180
03	847	-30	8	55	838	-35	3	156	843	-21	8	333	833	-17	12	45	831	-28	7	360	840	-33	3	360	840	-33	9	180
06	845	-29	8	54	839	-38	4	225	842	-20	5	357	831	-17	15	39	834	-29	5	27	841	-32	5	360	841	-32	7	180
09	843	-29	10	90	841	-38	5	225	840	-20	8	360	827	-16	18	62	835	-30	3	56	841	-36	5	198	842	-32	6	180
12	841	-31	8	87	843	-33	3	243	837	-18	10	360	825	-16	19	90	836	-33	3	69	841	-37	4	198	843	-29	8	160
15	839	-32	9	128	843	-31	2	339	835	-14	13	360	824	-16	15	90	837	-31	4	69	841	-34	6	186	845	-29	5	180
18	837	-33	6	180	843	-28	3	315	834	-13	16	11	824	-17	14	91	838	-29	4	45	841	-33	8	180	847	-29	8	153
21	836	-34	6	141	843	-21	7	309	834	-15	6	360	826	X	10	111	839	-27	3	62	841	-32	8	180	849	-31	4	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	851	-31	4	128	861	-25	12	136	864	-25	8	141	869	-27	1	169	877	-27	5	90	875	-24	2	360	875	-21	6	270
03	853	-31	4	120	861	-24	15	139	864	-25	7	136	870	-29	4	153	876	-28	6	94	875	-23	1	360	875	-26	7	270
06	856	-31	5	124	862	-25	11	141	864	-24	6	141	872	-29	4	145	876	-28	4	96	875	-23	0	0	874	-28	6	270
09	858	-30	5	141	863	-26	15	146	865	-24	6	111	873	-28	6	141	876	-28	4	90	875	-21	1	11	872	-22	8	271
12	859	-29	5	141	863	-26	12	141	865	-25	4	114	874	-27	6	111	876	-27	4	90	875	-16	1	360	871	-20	7	276
15	860	-26	7	141	863	-25	11	134	865	-25	10	101	875	-26	5	129	876	-25	4	45	875	-15	0	0	869	-13	9	270
18	860	-26	8	141	863	-24	10	141	865	-26	10	135	876	-25	5	110	876	-24	3	58	875	-16	6	255	866	-13	9	270
21	861	-26	10	141	864	-24	9	141	867	-25	5	141	876	-25	5	101	875	-23	2	45	875	-18	7	270	865	-14	11	264
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	864	-13	11	259	856	-14	13	246	856	-21	0	0	855	-26	2	149	845	-27	1	180	842	-23	2	46	844	-20	9	270
03	863	-16	9	270	855	-15	15	260	857	-24	3	45	854	-30	5	150	843	-27	2	180	843	-24	1	360	845	-23	8	256
06	861	-19	9	270	855	-16	15	251	858	-26	3	45	852	-32	4	180	843	-27	1	184	843	-25	1	349	845	-24	9	270
09	860	-20	9	262	854	-18	16	243	858	-26	1	37	851	-34	3	183	842	-27	2	180	843	-25	2	339	845	-26	7	270
12	859	-15	11	270	853	-18	16	243	858	-26	0	0	850	-32	3	180	842	-26	2	148	842	-24	3	260	846	-27	6	251
15	857	-14	12	255	853	-17	9	231	858	-25	0	0	848	-30	3	180	842	-24	0	0	842	-20	8	252	846	-26	7	226
18	857	-13	14	270	854	-19	5	225	858	-24	2	111	847	-28	2	170	842	-22	0	0	843	-15	8	257	846	-26	6	195
21	857	-14	12	270	855	-20	2	270	856	-25	2	180	846	-26	2	180	842	-23	2	45	843	-17	8	270	847	-27	3	149
		DAY	29			DAY	30			DAY	31																	
00	847	-27	5	90	850	-35	8	180	851	-31	4	167																
03	847	-31	3	180	850	-34	8	180	851	-31	2	189																
06	847	-37	5	193	850	-34	8	180	851	-31	0	0																
09	848	-36	7	180	849	-34	7	169	851	-31	1	243																
12	848	-37	8	180	849	-33	8	173	851	-30	0	0																
15	848	-36	9	180	849	-31	6	180	852	-29	2	240																
18	848	-35	10	162	850	-30	6	180	853	-28	2	180																
21	849	-33	10	141	850	-30	6	176	854	-27	1	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -27.8 STD DEV = 7.3 MAX = -12.6 AT 1557 GMT ON DAY 10 MIN = -45.7 AT 807 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 849.5 STD DEV = 12.6 MAX = 876.6 AT 21 GMT ON DAY 19 MIN = 823.6 AT 1517 GMT ON DAY 11
* WINDS (M/S) * MEAN = 5.8 STD DEV = 3.7 RESULTANT = 1.4 FROM 189. CONSTANCY = .24 MAX = 23.3 FROM 75. AT 1043 GMT DAY 11
* 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:	14	23	23	16	13	4	3	4	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	9	1	7	3	6	3	13	5	18	3	6	7	14	2	3	1

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

NOV 83

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	856	-32	2	225	860	-27	6	79	849	-30	9	141	849	-29	5	111	850	-26	4	76	846	-23	5	120	847	-22	3	141
03	857	-35	2	224	859	-28	6	93	849	-31	10	134	849	-29	3	90	850	-26	3	90	846	-24	5	128	847	-23	4	180
06	858	-36	3	225	857	-29	2	160	848	-31	9	141	849	-32	0	0	849	-26	4	141	846	-25	4	141	847	-23	5	152
09	859	-30	2	180	856	-28	5	141	848	-31	8	148	849	-29	1	180	849	-26	4	120	846	-25	4	156	847	-23	5	180
12	860	-28	3	150	855	-28	6	141	848	-31	9	141	849	-28	4	169	848	-25	5	111	846	-24	3	141	848	-23	4	180
15	860	-27	4	129	853	-28	7	145	848	-29	7	141	850	-27	5	141	848	-25	5	110	846	-22	4	141	849	-23	5	161
18	860	-26	5	90	852	-28	7	141	848	-29	5	141	850	-26	4	139	847	-23	6	141	846	-21	5	110	850	-21	5	145
21	860	-26	6	90	851	-29	8	141	849	-28	4	103	850	-25	3	90	847	-24	6	122	847	-20	4	145	851	-22	5	138
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	852	-23	6	161	855	-25	2	136	850	-26	1	118	852	-28	10	139	860	-26	9	141	860	-24	7	101	849	-25	17	142
03	853	-25	6	180	854	-30	2	180	850	-30	3	162	852	-28	11	139	860	-26	8	146	860	-25	5	141	849	-26	17	141
06	854	-27	5	180	854	-33	0	0	850	-35	2	180	853	-29	11	148	861	-26	7	155	859	-26	5	134	850	-25	16	141
09	855	-27	4	167	853	-32	0	0	850	-36	1	225	854	-28	10	141	862	-25	6	141	856	-25	11	145	851	-25	13	146
12	856	-26	2	159	852	-29	0	0	850	-33	3	191	855	-27	11	141	862	-24	6	141	854	-24	15	139	851	-24	15	141
15	855	-23	4	141	851	-25	0	0	850	-27	8	145	856	-27	13	149	861	-23	10	131	851	-24	16	141	854	-23	12	141
18	856	-23	5	120	851	-24	5	90	850	-27	10	141	857	-27	10	150	861	-22	7	129	850	-24	14	135	856	-22	13	141
21	855	-22	4	100	851	-24	4	90	851	-27	12	141	858	-26	10	141	860	-23	10	103	849	-24	16	141	858	-21	12	139
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	858	-22	13	141	856	-22	8	152	854	-20	4	195	856	-20	0	0	861	-22	1	181	857	-16	0	0	858	-22	2	180
03	859	-22	10	136	855	-25	7	170	854	-24	2	225	857	-24	0	0	862	-26	2	215	857	-18	0	0	859	-25	4	193
06	860	-22	11	141	855	-27	6	177	855	-27	2	225	857	-28	0	0	862	-29	2	251	856	-18	0	0	860	-29	4	198
09	861	-22	8	139	854	-27	5	180	855	-27	3	240	858	-27	3	198	861	-28	2	260	856	-20	0	0	861	-29	3	189
12	861	-23	6	141	855	-24	4	190	855	-24	2	198	859	-24	5	184	861	-26	2	242	856	-20	3	170	862	-26	2	180
15	859	-22	8	141	855	-22	3	189	855	-20	2	180	859	-22	5	180	860	-20	0	0	856	-19	1	146	861	-17	0	0
18	858	-21	9	141	854	-20	4	186	856	-18	0	0	860	-20	5	180	859	-17	2	225	856	-18	2	153	861	-22	3	4
21	857	-20	10	142	854	-19	5	180	856	-17	1	183	861	-19	3	141	858	-16	2	180	857	-20	4	161	860	-23	4	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	859	-24	5	360	854	-12	7	270	854	-12	3	269	855	-13	1	360	858	-12	0	0	X	X	X	X	X	X	X	X
03	857	-24	5	360	854	-18	4	289	854	-13	2	308	855	-16	2	309	858	-16	2	55	X	X	X	X	X	X	X	X
06	856	-24	5	332	854	-21	5	270	855	-14	2	309	855	-15	2	318	X	X	X	X	X	X	X	X	X	X	X	X
09	855	-23	2	346	854	-21	6	262	855	-16	3	280	856	-14	0	0	X	X	X	X	X	X	X	X	X	X	X	X
12	854	-19	5	309	854	-19	6	270	855	-13	6	263	856	-14	1	354	X	X	X	X	X	X	X	X	X	X	X	X
15	854	-16	4	280	854	-15	5	251	856	-13	6	301	856	-12	1	45	X	X	X	X	X	X	X	X	X	X	X	X
18	854	-13	8	284	854	-12	4	289	856	-11	3	270	857	-11	3	32	X	X	X	X	X	X	X	X	X	X	X	X
21	854	-13	7	270	854	-10	3	314	856	-11	2	349	858	-11	2	45	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 = -23.3 STD DEV = 5.4 MAX = -9.7 AT 2026 GMT ON DAY 23 MIN = -36.7 AT 505 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 854.4 STD DEV = 4.4 MAX = 861.8 AT 917 GMT ON DAY 12 MIN = 845.6 AT 620 GMT ON DAY 6
* WINDS (M/S) * MEAN = 5.1 STD DEV = 3.8 RESULTANT = 3.6 FROM 147. CONSTANCY = .70 MAX = 21.1 FROM 145. AT 213 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 15.8 % PRESSURE: 15.8 % WINDS: 15.8 %

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	28	25	8	6	7	3	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	2	1	6	6	35	9	16	3	4	2	6	2	3	1

STATION : 8910 SIPLE LAT : 75.9 S LONG : 84.0 W ELEVATION : 1054

DEC 83

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	865	-18	4	279	865	-15	2	254	856	-16	4	215	854	-17	5	174	858	-17	12	149	852	-16	9	164	852	-17	9	150
03	865	-19	5	277	864	-19	3	257	855	-19	3	210	854	-17	8	175	858	-19	11	156	852	-17	8	177	853	-17	6	149
06	865	-20	5	267	863	-22	3	264	855	-22	2	250	855	-17	8	160	858	-20	13	157	851	-18	8	171	853	-17	6	158
09	865	-20	4	258	863	-22	3	270	854	-21	3	255	856	-18	6	153	857	-18	12	143	851	-18	8	180	854	-18	6	153
12	865	-18	4	247	861	-18	3	281	853	-17	1	222	856	-18	10	160	856	-18	12	156	851	-17	8	167	854	-17	5	163
15	865	-15	4	240	859	-14	4	275	852	-17	3	136	857	-18	13	150	855	-17	13	151	851	-17	8	170	855	-16	7	153
18	865	-12	2	222	858	-11	5	246	853	-15	2	149	858	-18	11	156	854	-16	15	149	851	-16	9	146	855	-15	7	150
21	865	-12	2	239	857	-14	6	225	853	-15	4	170	858	-17	12	136	853	-16	12	149	852	-16	8	157	856	-15	8	150
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	856	-15	7	149	860	-13	5	105	864	-13	4	137	864	-13	6	106	873	-12	9	97	866	-13	16	149	866	-13	6	137
03	857	-15	8	149	861	-14	4	106	863	-14	4	163	864	-13	7	91	873	-13	12	106	865	-13	14	149	865	-14	7	135
06	857	-15	7	144	862	-15	2	182	863	-14	1	140	865	-13	7	71	873	-13	9	112	864	-14	15	150	864	-14	6	147
09	857	-14	7	154	863	-14	3	192	863	-13	0	0	866	-14	6	98	873	-13	8	122	866	-14	10	151	863	-14	6	142
12	858	-15	6	157	863	-14	5	158	863	-10	0	0	868	-13	9	102	872	-14	7	129	867	-14	11	150	862	-14	6	144
15	858	-14	6	136	864	-13	7	151	863	-13	2	357	869	-12	8	90	871	-12	12	120	867	-14	10	147	861	-14	6	140
18	859	-13	4	92	864	-13	5	146	863	-11	1	35	871	-11	10	90	870	-11	14	126	867	-12	7	133	860	-14	7	146
21	859	-13	5	109	864	-12	6	150	864	-13	3	94	872	-12	8	92	868	-13	14	146	867	-12	7	142	859	-14	6	151
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	858	-15	5	158	855	-16	4	150	856	-15	9	146	858	-14	7	135	865	-14	5	164	866	-13	2	196	864	-13	2	111
03	858	-19	4	185	855	-19	3	171	855	-16	8	147	859	-15	8	150	865	-17	6	191	866	-16	2	241	863	-13	3	95
06	857	-20	4	185	855	-21	3	170	855	-16	5	150	860	-14	8	151	865	-20	4	202	866	-18	3	241	863	-15	0	0
09	857	-20	4	177	855	-23	3	192	855	-17	7	153	862	-14	8	140	866	-20	4	203	865	-20	3	244	863	-14	2	157
12	856	-18	4	177	855	-19	7	156	856	-16	7	150	863	-14	7	140	866	-16	4	184	865	-17	2	225	863	-15	2	160
15	856	-16	5	158	855	-16	9	156	856	-16	6	137	864	-13	9	156	866	-14	4	192	865	-14	3	154	863	-11	1	150
18	855	-15	5	140	855	-15	8	142	856	-15	8	147	864	-12	9	156	866	-13	4	196	864	-12	2	140	864	-11	3	99
21	855	-15	6	140	856	-15	7	146	857	-14	10	133	865	-13	7	157	866	-12	4	182	864	-12	3	113	864	-12	3	98
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	864	-13	2	104	865	-13	2	187	865	-12	3	251	870	-11	4	46	867	-14	6	75	859	-14	7	144	859	-17	12	180
03	864	-14	3	108	865	-14	2	206	865	-17	3	291	870	-12	6	39	866	-16	5	82	858	-15	7	140	859	-17	12	161
06	864	-15	2	137	865	-17	2	243	866	-19	3	277	870	-13	5	40	865	-16	4	112	858	-16	5	154	860	-18	9	175
09	864	-15	2	189	864	-17	3	264	867	-19	3	286	870	-15	5	52	864	-17	5	118	858	-16	7	143	860	-18	9	192
12	X	X	X	X	864	-13	3	247	868	-13	1	286	870	-14	6	59	863	-17	2	177	858	-16	9	153	861	-18	7	182
15	X	X	X	X	864	-11	2	257	868	-6	0	0	870	-13	6	56	861	-15	4	167	858	-16	10	156	861	-17	7	192
18	X	X	X	X	864	-10	2	285	869	-9	1	284	869	-13	8	73	860	-14	7	120	858	-15	12	160	861	-17	8	187
21	865	-12	2	181	864	-11	4	262	870	-8	1	23	868	-13	9	80	860	-14	8	120	859	-16	13	164	861	-15	5	170
		DAY	29			DAY	30			DAY	31																	
00	861	-15	4	178	857	-13	10	140	860	-14	8	160																
03	860	-15	6	194	857	-15	9	149	860	-15	6	174																
06	860	-17	4	189	857	-16	12	150	860	-17	5	189																
09	860	-18	5	201	857	-15	11	150	859	-17	5	210																
12	859	-16	5	189	858	-16	12	150	859	-16	3	220																
15	859	-13	5	180	859	-15	10	153	858	-14	4	220																
18	858	-12	8	146	859	-14	10	144	858	-12	4	205																
21	857	-13	10	149	860	-14	8	151	858	-11	4	201																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -14.9 STD DEV = 2.6 MAX = -5.6 AT 1511 GMT ON DAY 24 MIN = -23.1 AT 805 GMT ON DAY 2
* PRESSURE (MB) * MEAN = 861.1 STD DEV = 5.2 MAX = 873.7 AT 427 GMT ON DAY 12 MIN = 850.4 AT 1440 GMT ON DAY 6
* WINDS (M/S) * MEAN = 6.0 STD DEV = 3.3 RESULTANT = 4.7 FROM 152. CONSTANCY = .78 MAX = 18.1 FROM 157. AT 2327 GMT DAY 12
* 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:	10	22	21	22	13	6	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	0	0	2	2	5	7	16	31	13	7	3	7	4	2	0	0

STATION : 8911 LAURIE (ICE SHELF - E) LAT : 77.5 S LONG : 170.0 E ELEVATION : 27 M

JAN 83

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	986	-9	3	328	990	-13	5	225	1001	-6	0	0	1004	-14	3	54
03	X	X	X	X	X	X	X	X	991	-11	2	189	985	-8	4	315	991	-14	7	224	1002	-7	1	179	1003	-13	4	90
06	X	X	X	X	X	X	X	X	990	-14	0	0	985	-5	3	349	993	-14	6	225	1003	-9	2	134	1003	-13	4	76
09	X	X	X	X	X	X	X	X	990	-11	0	0	986	-9	3	45	994	-16	4	225	1003	-10	0	0	1002	-15	4	90
12	X	X	X	X	X	X	X	X	989	X	0	0	986	-9	2	55	996	-18	2	225	1004	-12	0	0	1002	-17	2	87
15	X	X	X	X	X	X	X	X	988	-13	2	45	987	-10	1	105	997	-20	2	219	1003	-16	2	90	1001	-17	2	90
18	X	X	X	X	X	X	X	X	987	-17	1	45	988	-11	1	158	998	-21	1	188	1004	-19	1	63	1000	-17	2	120
21	X	X	X	X	X	X	X	X	987	-10	0	0	989	-12	2	225	1000	-15	0	0	1004	-19	2	90	1000	-18	2	141
		DAY	29			DAY	30			DAY	31																	
00	1000	-15	2	170	1002	-21	8	225	1000	-26	3	161																
03	X	X	1	189	1002	-17	7	225	1000	-25	2	141																
06	1000	-7	2	225	1001	-24	6	180	1000	-26	2	127																
09	1000	-8	2	203	1001	-25	6	179	1001	-25	3	101																
12	1000	-13	4	225	1000	-27	3	180	1001	-27	4	104																
15	1000	-16	6	210	999	-29	3	180	1002	-29	2	141																
18	1000	-17	7	225	1000	-29	1	203	1002	-29	3	141																
21	1001	-22	9	217	1000	-29	3	161	1003	-28	3	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -16.6 STD DEV = 6.8 MAX = -4.6 AT 641 GMT ON DAY 25 MIN = -29.9 AT 1718 GMT ON DAY 30
* PRESSURE (MB) * MEAN = 997.2 STD DEV = 6.1 MAX =1004.1 AT 1908 GMT ON DAY 27 MIN = 985.2 AT 400 GMT ON DAY 25
* WINDS (M/S) * MEAN = 2.8 STD DEV = 2.1 RESULTANT = 1.3 FROM 183. CONSTANCY = .48 MAX = 9.6 FROM 211. AT 2052 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 75.4 % PRESSURE: 75.0 % WINDS: 74.6 %

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:	38	41	11	6	3	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	2	0	9	4	13	5	11	5	18	5	24	0	0	0	2	2

STATION : 8911 LAURIE (ICE SHELF - E) LAT : 77.5 S LONG : 170.0 E ELEVATION : 27 M

FEB 83

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	1004	-29	4	180	1008	-26	5	155	1008	-22	1	127	1002	-12	4	360	1010	-7	5	339	1005	-3	3	342	1010	-29	5	180
03	1004	-29	4	180	1008	-26	5	169	1006	-20	0	0	1002	-11	2	252	1011	-6	6	360	1004	-4	3	289	1010	-30	4	188
06	1004	-29	3	180	1007	-28	4	198	1006	-21	0	0	1002	-7	4	350	1011	-2	6	342	1004	-7	0	0	1011	-28	4	180
09	1005	-28	2	179	1007	-27	0	0	1006	-17	0	0	1003	-7	5	349	1011	-4	6	360	1005	-9	4	204	1011	-28	3	181
12	1006	-29	2	204	1007	-26	0	0	1005	-18	2	79	1004	-12	4	360	1011	-5	7	330	1007	-13	7	225	1010	-27	1	149
15	1006	-29	2	146	1006	-28	4	180	1003	-22	3	59	1005	X	3	339	1010	-7	6	330	1008	-23	5	218	1010	-29	1	90
18	1007	-28	2	141	1006	-30	4	180	1002	-26	6	37	1007	-9	3	338	1009	-6	6	353	1009	-28	6	206	1009	-30	1	87
21	1007	-29	3	187	1007	-26	2	161	1002	-18	4	45	1008	-8	5	339	1007	-6	5	349	1010	-28	5	181	1008	-29	2	45
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	1007	-27	4	45	1005	-30	8	211	1008	-22	2	239	998	-11	2	94	984	-20	3	225	991	-31	5	189	999	-27	1	90
03	1005	-28	5	45	1006	-30	7	225	1008	-21	0	0	996	-11	3	101	984	-22	3	198	991	-29	6	201	999	-26	2	90
06	1004	-22	4	41	1007	-29	7	225	1009	-22	1	315	994	-16	0	0	983	-26	3	208	992	-29	7	217	998	-29	4	42
09	1003	-20	5	360	1008	-30	3	226	1009	-20	0	0	992	-15	0	0	984	-27	5	225	994	-29	6	221	998	-30	3	37
12	1002	-19	3	27	1007	-36	1	128	1007	-22	0	0	990	-19	1	90	986	-32	4	225	996	-28	6	225	998	-28	4	56
15	1003	-27	1	339	1008	-36	1	289	1005	-24	4	318	987	-24	2	72	987	-36	5	221	997	-27	5	225	997	-30	3	90
18	1002	-29	11	260	1008	-32	1	270	1002	-24	1	360	985	-28	2	90	989	-32	6	235	998	-31	3	198	996	-26	5	90
21	1004	-28	12	260	1008	-31	1	174	1000	-15	0	0	984	-26	3	141	989	-32	7	206	998	-32	1	218	995	-20	6	42
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	995	-21	4	45	992	-32	11	231	993	-29	2	101	987	-30	8	206	984	-28	4	165	985	-27	9	198	989	-32	5	225
03	994	-19	4	37	992	-35	6	231	993	-30	3	141	987	-28	9	225	982	-27	8	218	986	-27	8	215	989	-32	5	211
06	994	-24	1	251	X	X	5	225	992	-31	3	141	987	-28	7	218	981	-28	11	243	986	-27	5	225	990	-34	5	219
09	993	-24	5	232	992	-36	4	180	992	-30	2	180	988	-29	5	233	982	-27	11	231	986	-29	5	225	X	-37	6	180
12	992	-27	6	243	992	-35	0	0	991	-32	4	215	988	-32	2	232	983	-26	8	236	987	-33	4	225	990	-33	2	170
15	992	-29	8	260	992	-36	0	0	990	-32	4	218	988	-34	0	0	983	-26	8	222	987	-34	4	229	990	-25	2	218
18	991	-28	9	260	993	-36	1	86	989	-30	7	225	987	-32	2	90	984	-26	8	225	988	-31	3	193	991	-17	2	198
21	991	-30	12	264	X	-32	0	0	988	-31	7	232	985	-30	3	141	984	-26	7	225	989	-29	5	180	990	X	1	225
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	990	-29	3	225	989	-16	2	124	X	X	5	90	997	-28	12	211	993	-30	8	245	990	-33	12	225	992	-24	6	224
03	990	-26	2	231	986	-25	3	180	990	-27	6	90	998	-28	12	225	992	-25	9	243	991	-32	11	225	991	-24	7	228
06	990	-28	2	224	985	X	4	180	990	-23	4	90	998	-29	11	242	990	-28	10	243	991	-32	12	225	991	-23	7	225
09	989	-29	2	174	984	-29	4	221	991	-31	4	228	998	-27	11	225	990	-27	11	253	992	-34	10	225	X	X	5	225
12	X	-28	1	218	985	-24	5	260	993	-29	7	260	997	-31	11	221	989	-26	12	260	992	-34	8	222	990	-19	5	215
15	X	-15	0	0	987	-18	3	250	994	-30	8	243	996	-34	8	225	988	-30	14	243	993	-26	10	219	990	-23	3	219
18	991	X	1	206	988	-20	1	233	996	-28	12	242	995	-31	10	231	989	-30	13	251	992	-24	7	225	989	-18	4	218
21	X	-11	1	218	989	-20	0	0	997	-27	12	225	994	-27	8	222	989	-31	12	225	992	-23	6	225	X	X	1	180

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.2 STD DEV = 7.6 MAX = -.1 AT 1859 GMT ON DAY 22 MIN = -38.5 AT 939 GMT ON DAY 21
* PRESSURE (MB) * MEAN = 996.4 STD DEV = 8.6 MAX =1011.4 AT 948 GMT ON DAY 5 MIN = 980.8 AT 624 GMT ON DAY 19
* WINDS (M/S) * MEAN = 4.7 STD DEV = 3.3 RESULTANT = 2.9 FROM 226. CONSTANCY = .61 MAX = 16.1 FROM 226. AT 2134 GMT DAY 24
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 3.6 % PRESSURE: 4.0 % 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	21	27	12	7	6	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	0	6	1	8	0	4	2	11	9	35	7	4	1	1	4

STATION : 8911 LAURIE (ICE SHELF - E) LAT : 77.5 S LONG : 170.0 E ELEVATION : 27 M

MAR 83

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	987	X	0	0	X	X	7	225	993	-27	14	225	1003	-31	4	198	996	-31	4	260	993	-16	4	173	X	-26	3	330
03	984	-23	1	173	X	X	8	225	996	-27	11	225	1003	-32	2	219	996	-27	8	251	991	-30	5	180	983	-28	2	210
06	983	-21	1	108	983	-20	5	231	997	-28	12	225	1003	-31	0	0	996	-32	8	240	990	-21	1	206	X	-35	4	198
09	983	X	0	0	982	-24	12	218	998	-27	11	214	1002	-33	0	0	996	-36	7	225	988	-27	2	248	X	-36	5	180
12	983	X	1	141	X	X	15	251	999	-27	12	207	1001	-32	2	22	996	-31	8	242	987	-18	1	215	990	-25	4	169
15	982	-17	2	198	986	-29	12	270	1000	-27	11	180	1000	-29	3	52	996	-25	6	225	X	X	1	260	991	-8	4	200
18	983	-20	5	219	989	-27	12	231	1002	-27	7	225	999	X	3	45	995	-23	5	208	986	X	1	260	X	X	4	180
21	983	X	6	225	991	-27	10	218	1003	-28	4	200	997	-22	1	297	X	X	2	225	984	-17	1	10	X	X	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	991	-16	2	55	985	X	1	198	983	-28	2	180	976	-19	1	330	987	2	16	204	X	X	9	206	983	-20	6	231
03	990	-24	3	27	985	-26	1	250	983	-27	1	240	974	-29	2	45	987	X	15	218	984	-24	10	203	983	X	5	251
06	989	X	1	282	X	-30	1	307	981	-36	1	226	974	-32	2	32	X	X	17	225	983	-25	11	225	983	-19	4	249
09	989	X	0	0	984	X	0	0	980	-33	1	161	974	-31	2	48	986	-8	13	239	984	-28	10	225	983	X	5	270
12	989	-20	1	35	984	X	0	0	980	-26	1	225	X	X	1	79	X	X	16	218	985	-25	8	232	X	X	6	180
15	988	-16	0	0	984	-30	1	49	979	X	0	0	978	X	2	216	985	-21	22	228	984	-26	9	225	X	-15	5	180
18	X	X	1	170	983	-22	2	62	978	-16	0	0	983	X	14	198	986	X	16	225	984	-20	7	236	982	X	4	149
21	X	X	0	0	X	X	1	45	977	X	0	0	986	-18	15	215	987	-12	10	208	X	X	7	225	982	-17	2	207
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	981	-21	1	270	X	-7	0	0	981	-22	12	203	978	X	4	225	984	X	0	0	975	X	2	69	978	-17	5	180
03	X	-21	4	270	980	-14	0	0	980	-23	5	228	978	-26	2	206	983	-19	1	243	974	X	1	243	979	-15	3	156
06	980	-23	0	0	X	X	8	225	979	-28	11	225	978	-28	4	217	982	-18	0	0	X	-27	4	251	980	X	2	198
09	980	-24	2	205	979	X	12	225	980	-26	8	225	979	-26	3	201	981	-18	3	10	971	-22	5	250	982	-18	1	180
12	X	X	2	180	979	-25	14	208	X	X	11	225	X	-15	7	225	980	X	2	54	971	-15	4	266	983	-18	1	180
15	X	X	1	180	980	-25	12	207	980	-24	8	208	981	-14	8	206	978	X	5	360	972	-21	4	270	984	-9	1	226
18	X	X	0	0	980	-22	12	225	979	-24	12	207	982	-17	12	197	977	-23	4	51	X	X	1	270	986	-9	0	0
21	982	X	0	0	X	X	11	218	979	X	6	225	984	-22	7	189	975	-29	2	90	976	-15	4	194	987	X	1	218
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	988	-12	1	232	991	-13	0	0	990	-31	7	270	1004	-23	8	232	X	X	7	225	X	X	18	243	X	X	15	225
03	987	-13	1	198	992	X	0	0	X	X	8	225	1005	-17	7	208	1003	-19	6	246	1002	-15	17	211	X	X	14	231
06	988	-18	0	0	X	-17	1	90	995	-25	9	231	X	-21	6	225	1002	-18	6	225	1002	X	16	226	X	X	12	225
09	989	X	1	225	990	-12	0	0	997	X	10	231	X	X	5	225	X	X	8	231	1001	X	16	243	988	X	10	236
12	989	-13	0	0	988	X	7	360	999	-21	10	226	1005	-16	4	212	1003	-14	12	225	998	X	13	260	985	X	12	208
15	989	-21	1	135	987	-17	8	335	1001	-20	8	235	1004	-21	4	232	1004	-17	12	253	997	X	13	260	985	X	14	231
18	990	-17	0	0	987	-25	8	360	1002	X	8	225	X	X	5	225	1004	-19	14	260	995	X	15	246	X	X	14	225
21	991	-11	0	0	988	-35	4	267	1003	X	8	218	1003	-16	6	225	X	X	15	251	993	X	14	218	983	X	18	219
		DAY	29			DAY	30			DAY	31																	
00	981	X	14	231	X	X	X	X	X	X	X	X																
03	980	X	14	243	X	X	X	X	X	X	X	X																
06	X	X	X	X	X	X	X	X	X	X	X	X																
09	X	X	24	250	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 = -22.1 STD DEV = 6.8 MAX = 4.5 AT 352 GMT ON DAY 12 MIN = -36.9 AT 844 GMT ON DAY 5

* PRESSURE (MB) * MEAN = 987.4 STD DEV = 8.5 MAX =1006.0 AT 956 GMT ON DAY 25 MIN = 970.6 AT 1020 GMT ON DAY 20

* WINDS (M/S) * MEAN = 6.0 STD DEV = 5.2 RESULTANT = 5.0 FROM 226. CONSTANCY = .84 MAX = 23.8 FROM 250. AT 825 GMT DAY 29

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 42.3 % PRESSURE: 27.0 % WINDS: 8.5 %

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:	33	12	13	11	6	8	7	7	2	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	3	2	5	1	2	1	1	2	9	17	39	11	8	1	1	2

STATION : 8911 LAURIE (ICE SHELF - E) LAT : 77.5 S LONG : 170.0 E ELEVATION : 27 M

OCT 83

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	6	360	X	X	X	X	974	X	2	204	X	X	10	251	977	X	9	231	X	X	1	22	951	X	13	231
03	958	X	8	343	971	X	22	240	970	X	4	45	964	X	11	260	975	X	3	225	958	X	0	0	951	X	9	225
06	959	X	6	353	X	X	X	X	963	X	11	357	X	X	12	243	972	X	0	0	955	X	3	293	951	X	13	225
09	X	X	0	0	X	X	X	X	960	X	12	360	967	X	15	233	969	X	1	139	X	X	5	315	953	X	12	224
12	961	X	6	236	X	X	X	X	958	X	6	360	971	X	15	242	967	X	1	69	954	X	5	238	956	X	12	228
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1	45	953	X	5	225	956	X	13	232
18	X	X	X	X	X	X	X	X	X	X	5	225	X	X	X	X	963	X	2	245	952	X	7	225	957	X	15	225
21	X	X	X	X	975	X	9	225	959	X	7	231	976	X	12	225	962	X	0	0	952	X	7	231	960	X	10	225
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	960	X	11	233	951	X	11	221	957	X	12	225	951	X	13	225	967	X	10	242	970	X	17	225	976	X	8	225
03	961	X	9	225	948	X	15	226	957	X	14	218	951	X	13	225	X	X	5	260	971	X	15	231	975	X	18	233
06	X	X	7	225	X	X	15	225	957	X	12	228	952	X	16	235	966	X	6	307	973	X	17	225	978	X	12	225
09	958	X	6	225	948	X	14	225	X	X	X	X	954	X	15	233	965	X	8	231	973	X	24	239	X	X	11	231
12	956	X	1	139	948	X	11	225	X	X	X	X	957	X	19	225	968	X	14	235	975	X	13	225	980	X	12	242
15	951	X	8	245	951	X	7	214	X	X	X	X	X	X	16	225	X	X	15	225	977	X	7	239	981	X	11	225
18	X	X	12	225	953	X	10	217	952	X	14	225	962	X	19	238	969	X	13	225	976	X	5	260	982	X	7	238
21	X	X	11	225	955	X	11	225	951	X	14	251	X	X	13	225	971	X	12	240	X	X	6	231	X	X	8	225
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	12	225	995	X	6	225	994	X	17	238	994	X	11	238	985	X	11	225	976	X	11	225	989	X	15	225
03	985	X	13	225	997	X	8	225	995	X	18	245	993	X	10	233	984	X	12	240	X	X	10	225	X	X	13	225
06	987	X	11	226	997	X	8	225	994	X	16	225	993	X	7	225	983	X	7	235	975	X	12	233	989	X	12	239
09	990	X	10	225	997	X	9	232	995	X	14	225	993	X	5	231	982	X	5	225	975	X	15	219	988	X	10	240
12	992	X	9	225	996	X	11	225	994	X	16	239	991	X	6	225	983	X	7	225	X	X	11	225	987	X	7	238
15	X	X	7	225	995	X	11	231	994	X	14	225	991	X	5	232	981	X	8	248	980	X	11	225	985	X	4	225
18	X	X	7	225	X	X	14	225	994	X	12	225	989	X	3	250	979	X	11	245	983	X	15	229	983	X	5	225
21	995	X	8	242	994	X	18	225	995	X	11	225	987	X	5	231	977	X	10	243	987	X	17	235	981	X	5	226
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	979	X	5	221	966	X	7	245	959	X	19	246	976	X	11	225	974	X	8	236	970	X	0	0	966	X	9	206
03	976	X	5	225	965	X	5	246	960	X	14	225	976	X	8	226	974	X	6	225	970	X	0	0	966	X	8	225
06	975	X	3	225	X	X	6	225	962	X	15	235	976	X	9	225	973	X	4	225	970	X	0	0	966	X	7	225
09	972	X	3	236	X	X	10	225	963	X	14	243	976	X	7	233	973	X	2	225	970	X	0	0	965	X	7	251
12	970	X	3	228	963	X	7	217	966	X	15	231	976	X	4	225	972	X	2	239	X	X	0	0	966	X	10	225
15	970	X	2	225	961	X	12	225	969	X	11	235	975	X	4	231	971	X	1	225	969	X	0	0	X	X	11	225
18	968	X	5	225	959	X	18	225	972	X	15	235	975	X	7	225	971	X	0	0	970	X	0	0	970	X	12	231
21	X	X	5	225	960	X	13	225	974	X	11	225	975	X	7	225	970	X	0	0	X	X	2	225	970	X	8	226
		DAY	29			DAY	30			DAY	31																	
00	969	X	7	225	X	X	1	360	X	X	0	0																
03	969	X	6	231	X	X	0	0	964	X	1	349																
06	969	X	4	229	965	X	0	0	964	X	2	330																
09	969	X	1	235	965	X	0	0	964	X	1	287																
12	969	X	3	225	966	X	0	0	967	X	4	235																
15	969	X	1	225	965	X	4	225	968	X	3	225																
18	968	X	0	0	965	X	1	225	968	X	5	225																
21	966	X	0	0	965	X	0	0	969	X	4	225																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = .0 STD DEV = .0 MAX =****** AT 0 GMT ON DAY 0 MIN =****** AT 0 GMT ON DAY 0
* PRESSURE (MB) * MEAN = 971.2 STD DEV = 12.7 MAX = 997.4 AT 756 GMT ON DAY 16 MIN = 947.1 AT 626 GMT ON DAY 9
* WINDS (M/S) * MEAN = 8.4 STD DEV = 5.2 RESULTANT = 7.9 FROM 232. CONSTANCY = .93 MAX = 23.8 FROM 239 AT 0905 GMT DAY 13
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 100.0 % PRESSURE: 20.2 % WINDS: 6.0 %

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	7	13	15	7	17	9	9	3	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	0	1	0	0	0	1	0	0	1	73	16	1	1	1	1

STATION : 8911 LAURIE (ICE SHELF - E) LAT : 77.5 S LONG : 170.0 E ELEVATION : 27 M

NOV 83

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	971	X	10	225	970	X	6	225	967	X	10	225	961	X	6	225	X	X	1	270	960	X	4	309	X	X	6	225
03	970	X	7	225	969	X	5	271	966	X	11	238	960	X	10	225	958	X	3	225	960	X	2	302	X	X	6	225
06	971	X	12	225	968	X	4	270	965	X	11	225	959	X	9	235	958	X	0	0	960	X	5	225	969	X	6	235
09	972	X	10	225	968	X	9	260	965	X	7	238	959	X	9	225	959	X	2	270	961	X	7	222	970	X	5	235
12	973	X	11	245	966	X	13	260	964	X	6	225	959	X	4	236	960	X	1	260	963	X	7	225	971	X	4	238
15	973	X	6	243	967	X	11	235	963	X	8	225	958	X	5	225	960	X	0	0	X	X	11	225	972	X	1	243
18	X	X	5	251	967	X	10	232	963	X	11	225	958	X	5	225	960	X	0	0	965	X	8	233	972	X		231
21	972	X	6	231	967	X	10	225	962	X	8	233	958	X	2	225	960	X	3	287	966	X	5	235	972	X	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	X	X		225	977	X	9	238	984	X	0	0	981	X	7	232	979	X	6	225	978	X	7	231	976	X	11	235
03	972	X	10	225	X	X	10	225	983	X	0	0	980	X	6	235	979	X	9	235	978	X	4	225	974	X	10	225
06	972	X	11	225	977	X	11	225	982	X	0	0	980	X	7	225	978	X	8	232	978	X	4	222	974	X	10	225
09	973	X	7	229	980	X	10	231	980	X	0	0	980	X	3	225	978	X	10	225	978	X	7	225	975	X	9	226
12	974	X	7	228	981	X	9	231	980	X	1	49	980	X	0	0	977	X	11	225	978	X	6	225	977	X	11	225
15	975	X	10	225	981	X	8	225	979	X	0	0	979	X	6	218	977	X	11	232	977	X	6	225	978	X	7	225
18	976	X	6	225	981	X	5	225	979	X	3	225	980	X	5	225	977	X	12	233	976	X	3	225	978	X	7	225
21	976	X	12	219	983	X	2	281	980	X	6	225	980	X	6	225	979	X	7	238	976	X	4	225	978	X	5	231
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	980	X	6	225	X	X	5	339	976	X	4	225	985	X	10	225	983	X	0	0	982	X	13	225	974	X	2	79
03	980	X	2	232	976	X	4	309	975	X	8	225	986	X	7	225	983	X	0	0	982	X	12	229	972	X	3	60
06	980	X	5	225	975	X	5	342	975	X	11	225	986	X	5	225	982	X	2	218	982	X	11	225	971	X	1	70
09	980	X	0	0	974	X	5	346	976	X	11	228	986	X	2	218	982	X	6	225	980	X	8	225	970	X	3	141
12	980	X	1	198	975	X	6	359	977	X	11	225	985	X	0	0	983	X	6	229	979	X	3	225	969	X	0	0
15	980	X	0	0	974	X	4	360	978	X	11	231	984	X	0	0	982	X	11	229	978	X	2	218	968	X	1	218
18	979	X	1	330	975	X	0	0	979	X	14	225	983	X	1	90	982	X	11	225	976	X	0	0	968	X	2	222
21	X	X	2	339	976	X	2	304	982	X	15	233	983	X	0	0	X	X	12	225	975	X	0	0	969	X	2	226
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	972	X	0	0	982	X	1	62	977	X	6	225	975	X	7	236	973	X	2	69	975	X	0	0	972	X	0	0
03	973	X	0	0	982	X	1	45	976	X	6	225	975	X	3	225	973	X	2	90	974	X	0	0	973	X	0	0
06	973	X	1	339	981	X	0	0	976	X	3	225	974	X	1	229	973	X	1	90	974	X	0	0	974	X	0	0
09	975	X	0	0	981	X	0	0	975	X	2	225	974	X	0	0	973	X	1	90	973	X	0	0	974	X	0	0
12	977	X	0	0	979	X	0	0	974	X	3	224	974	X	0	0	974	X	0	0	972	X	0	0	975	X	0	0
15	979	X	1	37	978	X	0	0	974	X	4	214	973	X	0	0	974	X	0	0	972	X	0	0	976	X	0	0
18	981	X	0	0	977	X	1	225	974	X	4	225	973	X	2	59	974	X	0	0	971	X	0	0	976	X	0	0
21	982	X	0	0	977	X	5	228	974	X	7	225	973	X	2	45	974	X	0	0	972	X	0	0	977	X	0	0
		DAY	29			DAY	30																					
00	977	X	0	0	X	X	0	0																				
03	976	X	0	0	979	X	0	0																				
06	977	X	1	89	X	X	X	X																				
09	977	X	0	0	981	X	0	0																				
12	977	X	0	0	982	X	1	225																				
15	977	X	0	0	983	X	4	218																				
18	977	X	0	0	984	X	4	229																				
21	978	X	0	0	986	X	5	228																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = .0 STD DEV = .0 MAX =****** AT 0 GMT ON DAY 0 MIN =****** AT 0 GMT ON DAY 0
* PRESSURE (MB) * MEAN = 974.6 STD DEV = 6.7 MAX = 986.4 AT 2254 GMT ON DAY 30 MIN = 956.9 AT 2204 GMT ON DAY 4
* WINDS (M/S) * MEAN = 4.7 STD DEV = 4.9 RESULTANT = 4.2 FROM 231. CONSTANCY = .89 MAX = 12.6 FROM 239 AT 327 GMT DAY 8
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 100.0 % PRESSURE: 5.0 % 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:	40	10	17	11	5	14	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	1	0	2	3	3	0	1	0	0	1	74	5	4	1	2	3

STATION : 8911 Laurie (ICE SHELF - E) LAT : 77.5 S LONG : 170.0 E ELEVATION : 27 M

DEC 83

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	987	X	4	233	990	X	2	225	992	X	1	80	991	X	1	75	995	X	2	120	992	X	0	0	983	X	1	225
03	987	X	4	225	990	X	0	0	992	X	0	0	991	X	1	104	995	X	2	80	990	X	2	27	985	X	8	225
06	988	X	3	242	990	X	1	225	992	X	0	0	991	X	0	0	995	X	0	0	989	X	2	360	987	X	7	226
09	988	X	1	242	990	X	0	0	992	X	0	0	992	X	1	101	995	X	0	0	987	X	2	352	987	X	8	225
12	989	X	0	0	991	X	0	0	992	X	1	53	992	X	1	125	995	X	0	0	986	X	1	315	987	X	7	228
15	989	X	1	198	990	X	0	0	991	X	0	0	992	X	2	120	995	X	0	0	984	X	0	0	987	X	7	225
18	989	X	1	225	991	X	0	0	991	X	0	0	993	X	3	105	994	X	0	0	983	X	0	0	988	X	6	225
21	989	X	1	224	992	X	0	0	991	X	0	0	994	X	2	141	994	X	0	0	983	X	0	0	989	X	8	225
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	X	X	8	225	X	X	X	X	X	X	X	X	X	X	X	X	982	-6	12	229	989	-5	9	229	X	X	X	X
03	X	X	6	243	X	X	X	X	X	X	X	X	X	X	X	X	982	-6	14	225	990	-4	7	226	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	983	-7	13	225	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	985	-7	14	225	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	985	-7	17	228	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	986	-8	12	225	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	987	-8	12	225	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	988	-5	9	225	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	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 = -6.4 STD DEV = 1.2 MAX = -4.0 AT 253 GMT ON DAY 13 MIN = -8.2 AT 1429 GMT ON DAY 12
* PRESSURE (MB) * MEAN = 989.4 STD DEV = 3.5 MAX = 995.6 AT 714 GMT ON DAY 5 MIN = 981.5 AT 116 GMT ON DAY 12
* WINDS (M/S) * MEAN = 3.3 STD DEV = 4.4 RESULTANT = 2.8 FROM 225. CONSTANCY = .83 MAX = 17.8 FROM 229. AT 136 GMT DAY 12
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 96.0 % PRESSURE: 73.4 % WINDS: 72.6 %

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:	63	9	1	13	3	3	6	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	5	2	2	2	7	9	5	0	0	2	57	7	0	0	2	0

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

JAN 83

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	972	-2	1	150	967	2	0	0	963	-1	0	0	955	-3	5	305	953	-1	1	44	961	-2	X	38	971	-2	4	135
03	972	-1	1	278	966	1	X	90	961	-1	2	142	954	-3	X	311	953	-3	3	305	963	-2	X	38	970	-2	2	103
06	971	-1	X	149	966	-1	X	34	961	-3	3	66	953	-4	4	316	954	-3	X	312	965	-2	2	82	970	-2	2	73
09	970	-3	X	156	965	-1	X	32	960	-5	X	17	953	-4	3	329	954	-3	6	323	966	-2	2	118	970	-2	1	7
12	970	-3	X	25	965	-3	X	302	959	-5	X	24	953	-4	X	350	955	-4	6	357	968	-2	X	94	970	-3	X	311
15	969	-4	X	352	964	-3	X	309	957	-4	X	222	953	-2	1	134	955	-5	8	8	969	-2	X	232	970	-4	1	274
18	968	-3	X	352	964	-3	X	291	957	-4	2	257	954	-3	1	90	956	-4	8	4	970	-2	1	160	970	-3	1	232
21	968	-2	X	186	963	-3	2	285	956	-4	3	287	953	-2	3	73	959	-3	6	14	970	-2	1	160	970	-3	3	160
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	970	-2	2	103	970	-2	3	49	964	-6	X	353	964	-3	3	184	965	-3	X	333	954	-5	8	357	956	-2	X	91
03	969	0	X	91	970	-3	3	1	964	-4	X	319	964	-3	3	167	964	-3	7	359	952	-5	X	344	957	-2	X	93
06	969	-1	X	157	970	-4	X	346	963	-5	X	29	965	-3	3	163	962	-4	X	14	950	-4	6	288	959	-2	X	74
09	969	-3	2	239	969	-3	7	46	963	-4	X	28	965	-4	4	159	961	-4	12	360	949	-5	3	259	960	-3	1	52
12	969	-3	3	247	969	-3	X	17	963	-5	X	350	966	-3	X	197	960	-5	11	6	950	-5	4	215	961	-5	3	72
15	969	-3	X	321	967	-3	X	25	963	-4	1	125	966	-4	X	347	959	-5	X	357	951	-5	4	146	961	-4	2	97
18	970	-1	X	232	966	-5	13	7	963	-3	3	142	965	-4	5	340	957	-6	9	360	953	-4	2	73	961	-4	4	83
21	970	-2	1	55	965	-6	5	340	964	-4	4	174	965	-3	5	336	956	-6	X	352	954	-4	X	52	961	-3	X	20
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	960	-5	5	11	956	-3	6	315	963	-3	2	349	962	-2	3	281	958	-1	2	284	963	-2	4	139	971	-1	1	115
03	958	-4	X	346	957	-3	4	319	963	-3	0	0	961	-2	2	294	959	-1	1	274	964	-2	4	119	970	-1	2	76
06	957	-4	6	332	959	-3	3	162	963	-3	3	3	961	-2	3	13	959	-1	X	172	965	-2	2	145	970	-2	3	69
09	956	-4	3	13	960	-4	3	139	962	-3	X	22	959	-3	X	18	960	-3	1	181	966	-3	2	153	969	-2	1	38
12	955	-4	7	11	962	-5	3	138	961	-3	1	307	958	-3	6	354	960	-3	2	150	968	-3	1	135	968	-3	X	17
15	954	-5	X	359	962	-5	3	90	960	-4	0	0	957	-4	4	329	960	-3	5	132	968	-3	2	107	966	-3	X	83
18	954	-5	7	328	963	-4	3	53	960	-4	2	356	957	-3	X	322	961	-2	4	139	969	-3	2	114	966	-3	X	309
21	954	-4	X	302	963	-3	1	13	961	-3	1	347	957	-2	3	281	962	-2	3	148	970	-2	2	96	966	-2	2	314
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	965	-2	3	318	966	-7	9	153	959	-5	7	153	956	-5	4	82	959	-3	X	264	969	-3	4	142	971	-3	6	139
03	965	-2	2	309	966	-7	6	148	959	-6	5	127	954	-5	X	82	960	-2	X	312	970	-3	4	118	970	-3	7	134
06	964	-3	3	330	966	-6	7	143	959	-5	2	125	954	-2	1	352	961	-1	X	45	970	-3	6	143	970	-3	7	150
09	964	-3	1	295	966	-6	2	101	959	-6	3	117	954	-6	3	10	963	-2	X	311	971	-4	4	125	969	-3	7	156
12	964	-3	3	162	965	-6	4	67	958	-7	2	118	954	-6	3	356	965	-5	3	119	971	-4	4	110	969	-3	3	160
15	964	-4	4	190	963	-7	6	13	957	-7	3	105	955	-5	X	13	965	-3	4	131	971	-4	5	122	969	-3	4	177
18	964	-5	5	200	962	-5	X	20	957	-6	6	87	956	-4	X	100	967	-4	3	121	971	-4	4	139	969	-2	3	221
21	965	-7	6	155	960	-6	3	211	956	-5	4	79	957	-1	X	231	968	-4	3	122	971	-4	7	129	969	-2	2	249
		DAY	29			DAY	30			DAY	31																	
00	969	-1	X	191	969	-5	4	111	967	-5	8	105																
03	968	-1	2	328	969	-6	6	152	967	-4	4	335																
06	968	-3	X	330	969	-6	6	135	967	-5	X	350																
09	968	-4	X	352	969	-6	5	138	967	-5	X	14																
12	968	-4	X	356	968	-6	4	128	967	-6	X	352																
15	968	-5	2	309	968	-6	3	101	968	-5	X	353																
18	968	-3	4	326	968	-6	3	80	968	-3	X	73																
21	968	-3	5	188	967	-5	5	100	968	-4	X	22																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -3.4 STD DEV = 1.5 MAX = 2.1 AT 215 GMT ON DAY 3 MIN = -7.6 AT 145 GMT ON DAY 23

* PRESSURE (MB) * MEAN = 963.1 STD DEV = 5.7 MAX = 972.3 AT 45 GMT ON DAY 1 MIN = 949.0 AT 925 GMT ON DAY 13

* WINDS (M/S) * MEAN = 3.7 STD DEV = 2.2 RESULTANT = .9 FROM 83. CONSTANCY = .24 MAX = 14.9 FROM 14. AT 1745 GMT DAY 9

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 30.6 %

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:	27	34	24	12	1	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	12	3	4	5	8	11	16	12	4	1	2	2	4	4	7	7

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

FEB 83

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	969	-3	2	157	974	-8	8	132	976	-5	0	0	971	-4	3	100	979	-4	X	56	976	-3	X	337	977	-8	10	145
03	969	-3	X	136	975	-8	7	117	975	-2	X	229	971	-4	2	103	980	-3	1	336	975	-3	14	350	977	-8	9	138
06	969	-4	9	134	975	-9	3	131	975	-5	3	97	971	-4	3	100	981	-4	2	342	973	-2	13	349	978	-8	6	128
09	970	-5	8	124	976	-9	2	240	974	-6	1	112	972	-4	0	0	981	-4	2	45	972	-3	10	337	978	-8	6	129
12	971	-5	11	143	976	-9	4	270	974	-6	2	131	973	-5	2	77	981	-4	6	13	972	-3	5	315	978	-7	5	100
15	972	-6	10	128	976	-8	6	245	973	-6	3	90	974	-5	2	41	980	-4	7	13	973	-4	8	164	977	-7	3	110
18	972	-6	6	139	976	-7	5	221	972	-5	3	107	976	-4	2	53	979	-4	10	4	974	-7	13	148	977	-6	5	104
21	974	-7	10	135	976	-6	3	233	972	-5	5	93	978	-4	X	62	977	-3	15	332	976	-8	9	127	976	-6	6	96
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	975	-6	7	76	970	-5	5	304	977	-7	3	350	968	-4	5	319	951	-1	2	201	958	-7	4	87	968	-9	2	139
03	973	-6	10	69	971	-8	11	179	977	-5	X	333	965	-2	3	307	950	-2	6	166	957	-7	X	15	968	-8	2	135
06	972	-6	9	87	975	-10	9	174	978	-5	X	191	962	-1	1	283	950	-4	7	139	957	-7	7	322	967	-8	3	136
09	971	-5	10	70	976	-10	7	159	978	-7	X	212	960	0	X	34	952	-6	3	163	959	-8	6	197	967	-9	X	45
12	970	-4	10	69	978	-10	3	145	978	-7	3	356	959	-2	X	20	953	-8	6	159	962	-10	6	180	966	-8	X	28
15	970	-4	8	42	977	-10	3	13	976	-8	6	343	956	-2	1	352	955	-8	6	162	965	-10	9	159	965	-9	5	359
18	969	-5	X	350	977	-8	1	333	974	-7	6	353	954	-2	2	291	956	-9	7	152	966	-10	5	159	965	-8	1	325
21	969	-4	7	339	977	-8	3	346	970	-6	6	340	952	-2	1	212	958	-9	5	132	967	-10	3	143	965	-8	8	340
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	964	-8	7	1	960	-7	8	246	960	-8	5	346	954	-11	8	173	950	-9	X	322	952	-12	10	177	956	-12	8	156
03	963	-9	7	336	961	-7	5	256	960	-8	X	339	955	-11	7	117	949	-9	2	328	952	-13	9	149	956	-12	5	167
06	963	-9	6	360	961	-8	4	110	959	-9	5	360	956	-11	3	105	949	-9	4	239	953	-13	9	155	957	-12	7	160
09	962	-9	6	323	961	-9	4	129	958	-9	4	330	957	-10	3	110	949	-9	3	233	953	-12	8	138	958	-12	3	139
12	962	-9	8	339	961	-9	4	163	957	-8	X	233	957	-10	4	352	949	-10	6	202	953	-12	10	166	958	-13	1	143
15	962	-9	6	333	961	-9	5	114	955	-8	6	170	954	-10	7	339	949	-11	9	187	953	-12	10	162	958	-13	3	160
18	961	-8	8	322	961	-9	2	14	954	-9	12	177	953	-10	9	329	950	-12	12	186	954	-12	8	124	958	-12	1	139
21	960	-8	7	350	960	-9	7	350	954	-10	9	181	952	-9	9	347	951	-12	9	188	955	-11	8	162	957	-11	2	72
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	958	-11	3	96	951	-9	11	152	958	-9	X	323	963	-9	10	173	960	-8	0	0	956	-12	10	160	957	-13	7	128
03	957	-11	1	302	949	-9	11	187	958	-8	X	360	963	-10	13	187	959	-9	2	148	956	-13	8	166	956	-13	8	124
06	957	-11	X	27	950	-10	10	190	959	-9	X	335	963	-10	11	174	958	-9	1	156	957	-13	8	170	955	-14	9	135
09	956	-11	3	58	952	-10	9	177	960	-8	3	188	964	-10	10	172	957	-10	2	135	957	-13	10	129	954	-14	7	115
12	956	-10	X	55	953	-10	8	156	961	-8	X	134	963	-11	7	177	956	-10	2	159	958	-13	9	172	954	-14	6	103
15	955	-10	3	13	954	-10	4	128	961	-8	3	179	963	-10	5	188	956	-11	X	235	958	-14	9	146	953	-15	6	359
18	954	-9	1	74	955	-10	6	48	961	-8	7	174	962	-10	3	188	956	-11	1	119	958	-14	10	110	953	-15	6	325
21	953	-9	7	131	956	-10	5	357	962	-9	7	184	961	-10	3	172	956	-11	1	117	957	-14	8	138	952	-14	3	321

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -8.0 STD DEV = 3.1 MAX = 1.0 AT 836 GMT ON DAY 11 MIN = -15.5 AT 1637 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 963.6 STD DEV = 9.3 MAX = 981.5 AT 1046 GMT ON DAY 5 MIN = 948.6 AT 626 GMT ON DAY 19
* WINDS (M/S) * MEAN = 5.9 STD DEV = 3.2 RESULTANT = 2.1 FROM 140. CONSTANCY = .36 MAX = 16.1 FROM 162. AT 1846 GMT DAY 17
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 10.7 %

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:	13	20	19	20	16	8	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	8	3	3	4	5	8	18	14	14	2	2	3	1	2	5	10

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

MAR 83

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	-13	8	311	946	-10	14	162	957	-10	9	143	970	-9	10	153	966	-8	5	359	958	-13	6	146	952	-12	4	342
03	948	-12	4	307	946	-10	5	208	957	-11	16	160	971	-9	6	143	964	-9	6	347	957	-14	9	125	952	-13	X	15
06	946	-12	3	285	946	-8	7	215	959	-10	13	146	971	-9	6	138	962	-10	4	354	956	-14	12	125	952	-12	X	294
09	944	-10	16	110	948	-9	7	164	961	-10	16	142	971	-9	3	139	961	-11	X	55	955	-14	8	136	953	-13	X	156
12	944	-9	11	135	951	-8	8	142	963	-10	14	159	970	-9	X	67	960	-11	7	139	954	-14	7	136	954	-13	6	160
15	944	-9	13	146	953	-9	11	129	965	-10	9	143	969	-9	X	52	960	-12	7	155	954	-14	7	103	956	-15	9	139
18	944	-9	19	148	954	-9	9	131	967	-10	10	141	968	-8	3	14	960	-13	7	131	953	-13	2	83	957	-14	6	131
21	945	-10	8	149	955	-9	16	148	970	-10	9	167	967	-9	0	0	959	-14	9	141	952	-13	2	356	958	-14	7	132
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	958	-13	7	127	954	-14	6	326	951	-11	5	280	943	-11	9	148	950	-17	0	0	953	-13	7	174	951	-13	3	159
03	958	-12	5	146	954	-13	7	330	950	-12	6	288	942	-12	7	152	951	-16	5	173	953	-12	9	285	950	-12	1	215
06	958	-12	6	146	953	-13	5	321	949	-12	4	284	941	-12	7	167	951	-15	5	312	952	-13	13	295	950	-12	X	115
09	957	-12	5	134	953	-14	3	342	948	-11	9	111	942	-12	6	186	951	-15	0	0	952	-12	3	256	950	-13	4	128
12	956	-11	7	129	953	-14	4	312	947	-12	7	111	942	-12	6	181	951	-14	4	285	952	-14	3	129	950	-13	1	101
15	954	-9	7	122	952	-11	X	195	946	-12	7	134	944	-12	6	202	951	-14	1	67	952	-14	4	114	950	-13	2	90
18	953	-9	X	359	952	-12	X	211	945	-12	9	125	945	-13	11	174	951	-13	8	174	951	-14	3	166	950	-14	3	111
21	954	-11	9	309	951	-11	X	146	944	-12	6	112	948	-17	7	174	952	-14	4	201	951	-13	4	191	949	-14	3	55
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	949	-13	X	17	948	-13	0	0	948	-16	3	121	946	-16	5	135	951	-16	2	56	943	-21	8	325	944	-16	3	135
03	948	-13	4	294	948	-13	1	254	948	-16	3	118	946	-16	4	129	950	-16	4	4	941	-19	3	302	945	-17	8	143
06	948	-13	2	233	948	-13	2	236	948	-16	3	62	946	-16	2	138	949	-16	3	337	941	-19	4	326	946	-18	5	146
09	948	-14	2	218	948	-13	3	318	948	-15	X	353	947	-17	1	129	949	-18	7	343	940	-19	9	314	948	-17	5	181
12	948	-14	X	319	948	-14	5	297	947	-14	6	344	947	-16	2	104	947	-20	13	1	940	-20	5	337	949	-17	7	198
15	947	-14	X	312	947	-14	X	284	946	-15	6	128	948	-17	5	299	945	-21	12	344	941	-20	1	308	950	-17	3	200
18	947	-14	1	283	947	-17	6	142	947	-15	2	141	949	-15	5	277	945	-22	10	335	941	-20	X	299	951	-18	3	219
21	948	-14	X	209	948	-16	2	128	947	-15	2	112	950	-16	4	83	943	-20	8	333	942	-18	X	142	952	-17	2	207
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	953	-16	1	197	957	-14	2	349	957	-11	2	86	964	-17	14	142	966	-22	8	176	965	-22	6	218	955	-19	5	1
03	953	-16	2	231	957	-14	3	347	957	-11	1	177	965	-19	15	160	966	-21	5	197	963	-21	4	316	953	-20	3	35
06	954	-16	2	250	957	-14	X	21	958	-11	2	201	966	-20	12	157	966	-22	6	177	962	-20	3	204	952	-19	3	60
09	955	-17	1	269	957	-15	5	42	959	-17	9	179	967	-23	8	170	966	-23	7	166	962	-20	3	164	952	-19	3	98
12	955	-17	2	280	957	-15	X	29	960	-17	8	176	967	-23	9	170	965	-23	6	190	960	-22	3	314	950	-21	7	314
15	956	-17	2	308	956	-14	6	49	961	-17	8	186	966	-23	9	163	965	-25	7	181	959	-21	X	22	950	-20	2	280
18	956	-15	1	305	956	-14	7	72	961	-16	14	152	966	-23	11	174	965	-22	3	224	957	-20	3	8	950	-18	3	321
21	957	-15	1	350	956	-13	6	62	963	-17	13	155	967	-23	6	187	965	-21	3	263	957	-21	3	79	949	-17	1	48
		DAY	29			DAY	30			DAY	31																	
00	948	-16	2	309	948	-6	11	232	961	-9	9	318																
03	945	-15	3	353	950	-7	14	202	962	-10	6	111																
06	944	-14	4	301	953	-7	11	200	963	-10	5	167																
09	945	-11	3	221	954	-9	10	195	964	-10	3	86																
12	945	-10	9	191	955	-8	11	186	964	-11	X	66																
15	946	-9	4	232	957	-8	4	184	963	-12	0	0																
18	947	-9	7	273	958	-9	2	315	961	-12	3	103																
21	948	-7	6	246	960	-9	2	101	960	-13	4	104																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -14.1 STD DEV = 3.9 MAX = -6.1 AT 2327 GMT ON DAY 29 MIN = -24.6 AT 1447 GMT ON DAY 26
* PRESSURE (MB) * MEAN = 953.4 STD DEV = 7.4 MAX = 971.3 AT 557 GMT ON DAY 4 MIN = 939.8 AT 847 GMT ON DAY 20
* WINDS (M/S) * MEAN = 5.9 STD DEV = 3.7 RESULTANT = 2.5 FROM 159. CONSTANCY = .43 MAX = 21.2 FROM 152. AT 2217 GMT DAY 2
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 9.3 %

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:	14	24	18	21	11	5	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	5	0	3	2	4	7	20	11	11	6	5	2	3	5	10	5

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

APR 83

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	-13	3	96	951	-18	5	131	953	-20	5	318	963	-19	8	325	956	-19	6	280	957	-22	7	141	956	-27	10	155
03	956	-13	3	93	951	-18	4	129	953	-20	5	312	964	-21	8	344	954	-19	8	232	957	-22	3	103	957	-27	8	164
06	953	-15	3	76	951	-18	6	136	954	-20	5	325	965	-21	8	339	952	-19	7	231	958	-22	4	101	957	-28	6	153
09	951	-17	3	93	952	-18	7	128	955	-20	10	326	966	-21	7	330	951	-19	9	235	958	-24	6	132	957	-27	3	184
12	949	-15	9	135	952	-18	2	139	956	-20	9	340	965	-20	8	332	951	-20	10	247	958	-25	6	148	957	-26	9	253
15	949	-16	8	159	952	-19	4	253	958	-19	7	350	963	-20	5	352	951	-19	9	179	957	-26	9	134	957	-26	3	197
18	950	-18	6	132	952	-20	7	309	959	-20	7	339	961	-20	4	353	953	-21	14	170	957	-26	5	146	957	-25	6	277
21	950	-19	5	139	952	-21	7	298	961	-20	10	349	958	-21	5	294	955	-22	8	164	957	-28	6	148	957	-25	7	278
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	958	-24	7	291	955	-23	1	150	954	-19	4	356	956	-19	2	346	949	-22	7	316	933	-19	7	328	963	-13	X	125
03	958	-25	7	305	953	-22	5	287	955	-19	1	13	955	-19	6	273	947	-22	7	308	935	-19	X	328	965	-14	6	103
06	958	-26	5	290	953	-23	5	281	956	-19	3	89	952	-21	9	307	943	-22	7	322	940	-18	7	312	966	-15	X	163
09	957	-26	6	309	952	-23	3	260	957	-18	1	134	953	-19	4	125	939	-22	10	321	945	-16	X	344	965	-16	4	18
12	957	-26	4	318	952	-22	5	297	957	-19	3	332	954	-19	2	107	935	-21	10	325	950	-15	10	131	964	-16	3	297
15	956	-24	1	287	951	-22	7	298	957	-19	2	294	954	-20	6	4	932	-20	12	319	954	-13	6	217	963	-16	2	148
18	955	-24	1	292	952	-21	3	328	957	-18	7	138	952	-19	4	319	931	-20	10	332	958	-15	8	314	961	-17	X	271
21	955	-23	3	263	952	-20	5	323	956	-20	5	65	952	-19	10	316	932	-19	9	316	961	-15	1	339	959	-18	1	330
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	957	-15	1	259	947	-19	5	294	940	-14	5	169	937	-18	2	155	933	-19	1	343	943	-16	8	60	937	-16	6	325
03	955	-17	3	257	945	-18	6	290	940	-14	3	208	936	-17	3	217	934	-19	1	162	945	-15	7	42	936	-18	10	347
06	954	-16	3	231	943	-17	10	292	939	-15	8	198	935	-18	3	215	936	-19	5	309	945	-15	5	41	937	-18	7	342
09	953	-17	4	226	942	-17	9	295	939	-15	9	179	934	-18	X	179	937	-20	8	315	944	-15	6	7	939	-18	5	333
12	X	X	X	X	941	-17	8	297	939	-15	5	235	933	-18	2	141	937	-20	8	323	942	-15	1	321	942	-17	2	253
15	X	X	X	X	940	-16	7	301	938	-14	5	250	932	-19	4	101	939	-19	4	321	942	-14	1	149	943	-16	8	162
18	949	-18	6	284	940	-15	X	323	938	-14	X	174	932	-20	5	73	940	-17	4	319	940	-15	2	342	945	-17	4	150
21	948	-19	2	264	940	-14	3	172	937	-17	4	145	933	-20	X	329	941	-16	X	201	939	-16	2	291	946	-18	9	174
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	947	-17	19	152	951	-18	X	343	947	-20	1	277	944	-17	7	285	939	-17	8	304	941	-13	X	329	953	-13	6	297
03	948	-17	13	163	950	-19	4	128	947	-20	4	239	945	-18	6	60	938	-16	7	309	942	-12	1	41	952	-14	6	309
06	949	-17	13	138	951	-17	X	143	948	-19	5	277	945	-18	7	119	938	-15	5	328	946	-13	7	157	950	-15	4	292
09	951	-17	5	157	950	-19	6	298	948	-19	6	278	946	-18	4	98	937	-15	4	318	949	-16	9	156	950	-15	7	290
12	951	-16	3	124	949	-21	5	311	948	-18	5	298	946	-17	X	34	937	-16	5	309	952	-17	4	143	949	-15	X	264
15	951	-16	X	18	948	-21	3	298	947	-18	6	292	945	-18	X	336	937	-15	4	309	952	-15	6	336	948	-15	X	59
18	951	-17	2	170	948	-22	X	335	946	-18	7	290	943	-18	4	318	938	-14	6	315	953	-15	3	281	947	-15	6	10
21	951	-18	1	141	947	-20	2	299	945	-18	8	299	941	-18	3	312	940	-12	3	49	952	-13	6	288	945	-17	6	295
		DAY	29			DAY	30																					
00	945	-17	6	291	944	-13	5	295																				
03	944	-16	1	283	944	-12	6	108																				
06	944	-17	4	278	946	-15	7	183																				
09	944	-17	8	295	948	-16	15	174																				
12	944	-17	5	304	951	-13	8	186																				
15	944	-17	6	297	951	-13	7	325																				
18	944	-15	4	315	948	-9	7	257																				
21	943	-16	8	314	947	-11	8	302																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -18.2 STD DEV = 3.4 MAX = -7.7 AT 2157 GMT ON DAY 30 MIN = -27.9 AT 447 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 948.7 STD DEV = 8.1 MAX = 966.0 AT 627 GMT ON DAY 14 MIN = 930.5 AT 1757 GMT ON DAY 12
* WINDS (M/S) * MEAN = 5.6 STD DEV = 2.8 RESULTANT = 1.6 FROM 288. CONSTANCY = .29 MAX = 19.3 FROM 166. AT 2247 GMT DAY 21
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .8 % WINDS: 8.8 %

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:	10	18	31	23	15	0	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	4	1	2	2	3	2	11	9	5	1	4	4	6	17	20	9

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

MAY 83

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	937	-11	4	280	935	-11	X	18	955	-12	3	353	952	-14	3	295	957	-17	3	17	965	-16	7	173
03	944	-9	11	197	934	-11	11	288	938	-13	6	148	954	-12	3	299	951	-15	X	333	958	-18	X	335	965	-15	8	253
06	942	-11	22	188	934	-8	0	0	942	-14	10	169	953	-14	6	295	951	-17	4	330	959	-18	2	63	966	-15	4	280
09	944	-11	4	188	934	-8	5	188	945	-14	13	187	952	-16	6	312	951	-17	7	305	961	-17	3	111	965	-15	2	219
12	946	-10	4	222	933	-11	X	339	949	-13	15	159	952	-15	6	283	951	-17	9	309	962	-17	1	112	963	-17	X	177
15	944	-9	3	148	931	-14	8	309	953	-12	12	187	952	-12	2	86	952	-17	5	292	963	-17	1	250	962	-17	2	108
18	940	-11	3	96	932	-12	3	52	955	-12	11	287	952	-12	X	330	954	-17	X	292	964	-17	1	157	959	-18	3	136
21	938	-11	5	333	933	-11	X	35	955	-11	10	262	951	-13	5	318	955	-16	X	70	964	-18	5	160	957	-20	6	153
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	957	-23	8	163	951	-20	4	311	947	-17	6	172	947	-14	7	235	955	-13	7	188	952	-18	6	157	947	-22	6	136
03	957	-23	10	157	949	-18	8	325	948	-16	3	187	947	-12	14	214	955	-14	7	181	951	-18	6	142	946	-23	6	153
06	956	-23	8	169	948	-17	X	290	948	-16	7	177	947	-12	17	186	955	-13	8	187	950	-18	6	129	946	-23	4	136
09	957	-21	4	273	947	-17	X	25	948	-16	11	184	950	-11	7	238	955	-13	7	174	950	-18	3	125	946	-22	2	114
12	956	-22	6	305	946	-16	8	89	949	-16	3	231	951	-11	17	193	955	-15	3	166	949	-18	3	128	946	-22	0	0
15	954	-21	8	299	945	-16	5	131	947	-16	6	312	952	-12	7	174	954	-15	4	177	948	-18	4	115	946	-26	X	333
18	952	-22	9	304	946	-16	2	136	947	-15	2	55	953	-12	13	177	954	-16	6	162	946	-18	6	89	946	-27	2	312
21	952	-22	6	315	946	-17	5	188	946	-14	8	200	954	-13	8	181	953	-18	6	153	946	-19	7	127	947	-27	3	307
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	948	-28	2	328	959	-26	8	176	958	-23	18	190	963	-26	4	325	939	-30	7	322	940	-22	3	143	950	-25	0	0
03	949	-28	X	340	959	-27	7	159	959	-22	17	194	961	-26	2	322	938	-29	7	329	942	-23	6	198	951	-25	3	336
06	950	-27	0	0	960	-27	7	174	959	-21	11	204	958	-31	5	319	938	-26	12	321	944	-24	3	181	952	-26	1	322
09	952	-27	1	326	960	-27	13	174	959	-21	15	187	954	-29	12	322	938	-24	10	14	945	-26	3	183	954	-26	X	288
12	953	-27	1	308	960	-27	10	181	960	-21	11	195	950	-29	10	332	937	-23	10	13	946	-26	2	169	956	-26	3	285
15	955	-26	2	315	959	-26	14	181	961	-21	8	194	947	-28	6	323	935	-24	9	24	947	-26	2	235	X	X	X	X
18	956	-26	2	301	960	-24	14	191	962	-21	1	197	943	-30	5	325	935	-24	5	44	947	-25	2	226	956	-26	4	314
21	957	-25	5	179	959	-23	17	197	963	-23	3	330	941	-31	9	321	937	-24	3	74	948	-25	X	191	956	-27	9	312
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	957	-20	X	353	947	-18	7	41	949	-12	X	335	964	-11	12	159	973	-11	X	104	967	-13	3	163
03	957	-25	8	309	957	-20	1	328	946	-18	1	337	948	-12	4	13	967	-10	14	170	973	-12	5	138	966	-14	7	307
06	957	-24	6	314	957	-19	2	308	945	-17	1	46	950	-12	3	98	969	-11	10	170	974	-12	5	205	966	-14	2	315
09	957	-24	2	329	955	-19	3	343	945	-17	3	60	953	-10	10	194	971	-11	10	155	974	-14	3	302	966	-13	4	191
12	958	-21	X	322	953	-20	4	304	945	-16	X	339	954	-10	9	194	972	-10	10	146	973	-14	3	302	965	-11	8	287
15	957	-19	3	121	951	-20	4	309	945	-13	2	319	956	-9	15	184	974	-11	7	340	971	-14	6	298	965	-11	X	205
18	957	-19	4	135	949	-20	2	325	946	-12	X	103	957	-11	17	173	974	-12	5	349	969	-14	3	146	965	-13	6	150
21	957	-19	X	25	948	-16	X	215	948	-14	5	301	960	-11	14	162	974	-10	3	87	968	-14	3	76	965	-14	8	152
		DAY	29			DAY	30			DAY	31																	
00	965	-15	6	188	966	-17	4	101	946	-21	7	146																
03	965	-14	4	184	963	-17	4	60	947	-22	4	142																
06	965	-15	5	181	959	-18	6	42	947	-22	1	326																
09	965	-15	4	157	953	-16	1	67	945	-21	4	18																
12	967	-16	3	159	950	-17	4	129	944	-22	5	41																
15	967	-16	1	260	948	-18	9	112	943	-22	6	66																
18	968	-16	4	14	946	-17	7	121	942	-21	5	94																
21	967	-16	2	46	945	-17	11	159	940	-23	6	73																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -17.9 STD DEV = 5.5 MAX = -6.9 AT 647 GMT ON DAY 2 MIN = -31.5 AT 2258 GMT ON DAY 18

* PRESSURE (MB) * MEAN = 953.0 STD DEV = 9.3 MAX = 974.0 AT 838 GMT ON DAY 27 MIN = 931.2 AT 1507 GMT ON DAY 2

* WINDS (M/S) * MEAN = 6.1 STD DEV = 4.0 RESULTANT = 2.1 FROM 193. CONSTANCY = .35 MAX = 22.1 FROM 187. AT 228 GMT DAY 17

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.2 % PRESSURE: 1.2 % WINDS: 10.9 %

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:	12	24	22	17	10	7	2	3	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	1	3	4	4	4	4	8	11	19	6	3	1	2	7	18	6

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

JUN 83

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	939	-26	4	35	947	-25	1	284	947	-24	1	252	946	-24	X	118	943	-30	X	312	936	-20	14	307	941	-23	X	287
03	940	-26	4	35	947	-24	1	290	947	-24	X	250	946	-25	X	128	942	-30	X	309	937	-19	5	13	939	-24	9	329
06	941	-25	2	8	947	-24	X	309	947	-25	X	240	946	-26	X	115	941	-29	X	315	937	-18	7	10	937	-23	10	359
09	942	-25	X	267	947	-24	0	0	947	-26	X	198	946	-27	X	132	940	-28	2	322	939	-17	10	127	937	-23	9	350
12	943	-22	0	0	947	-25	2	309	946	-27	X	278	946	-27	X	180	940	-26	X	297	941	-19	X	28	938	-22	7	354
15	944	-22	X	180	947	-24	X	283	946	-28	X	239	946	-28	X	233	940	-27	7	349	943	-19	4	42	940	-22	6	337
18	945	-22	X	162	947	-24	2	274	946	-27	X	214	945	-30	X	294	939	-24	6	309	943	-20	8	15	941	-25	3	14
21	946	-24	X	167	947	-25	2	294	946	-24	X	143	944	-30	X	301	938	-22	8	309	942	-21	7	347	943	-24	7	56
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	945	-23	9	48	956	-28	2	142	957	-22	10	333	945	-18	3	233	948	-29	5	153	952	-25	3	107	956	-27	12	188
03	947	-27	3	339	958	-26	2	157	955	-20	9	315	946	-20	8	149	949	-30	2	139	951	-23	6	131	957	-28	8	177
06	946	-29	4	4	959	-27	2	294	955	-18	11	332	947	-23	9	155	950	-30	1	246	951	-23	7	167	958	-29	5	179
09	947	-32	10	344	960	-26	4	294	954	-17	9	330	948	-24	10	160	951	-29	2	183	951	-23	5	186	958	-29	3	181
12	947	-32	10	319	960	-28	7	319	951	-16	9	305	949	-25	9	215	952	-30	2	117	951	-26	7	228	958	-29	4	164
15	950	-30	9	329	961	-26	8	319	949	-16	4	328	948	-25	6	204	953	-29	2	91	951	-28	10	187	958	-29	3	187
18	952	-29	4	333	960	-26	2	323	947	-15	4	337	948	-27	6	191	952	-27	2	72	952	-28	13	193	957	-30	4	186
21	954	-29	2	159	959	-25	9	350	945	-15	6	260	948	-28	7	162	952	-26	1	97	953	-27	11	181	957	-30	7	186
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	956	-30	5	183	953	-31	4	267	948	-30	X	222	952	-31	1	132	953	-29	7	280	963	-24	6	285	960	-19	7	350
03	956	-30	6	159	951	-31	5	270	948	-31	X	224	952	-31	X	186	955	-29	2	110	962	-23	7	311	958	-19	X	39
06	956	-30	6	188	950	-31	2	243	949	-29	3	141	952	-32	X	281	957	-28	1	148	960	-24	8	329	959	-22	7	163
09	955	-30	7	183	949	-31	4	249	950	-30	3	142	951	-31	2	262	958	-31	5	319	960	-23	7	325	962	-21	13	132
12	955	-30	7	174	948	-30	6	225	951	-30	1	181	952	-29	2	281	959	-29	12	285	960	-21	11	330	966	-23	9	142
15	955	-30	7	202	948	-30	4	245	951	-31	5	319	950	-29	3	299	960	-28	8	302	959	-20	13	346	970	-22	X	321
18	954	-30	4	180	948	-29	4	180	952	-32	X	283	951	-30	1	187	960	-26	7	308	959	-19	13	359	971	-24	0	0
21	954	-31	4	228	948	-29	4	166	952	-32	X	239	952	-29	X	148	961	-26	6	285	959	-19	11	4	972	-26	5	115
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	972	-25	3	170	958	-15	9	211	976	-14	15	162	990	-19	4	329	972	-14	13	297	960	-17	8	63	957	-24	5	98
03	972	-25	6	252	X	X	X	X	977	-16	22	172	990	-19	2	159	971	-15	6	122	961	-18	9	148	956	-23	7	111
06	971	-24	3	281	X	X	X	X	980	-16	15	157	990	-16	7	162	971	-15	10	101	962	-20	9	169	955	-24	4	119
09	970	-24	8	208	X	X	X	X	983	-16	16	167	990	-17	1	170	967	-17	10	65	963	-21	6	112	955	-24	6	115
12	968	-22	4	253	X	X	X	X	987	-17	9	174	989	-19	6	318	962	-16	8	69	963	-23	4	153	956	-24	5	119
15	965	-22	2	55	X	X	X	X	988	-18	8	166	987	-17	9	319	958	-16	6	114	962	-23	X	127	957	-24	5	127
18	962	-20	2	349	X	X	X	X	990	-18	5	170	983	-17	13	316	960	-16	2	283	960	-23	X	66	958	-25	7	132
21	960	-17	X	254	X	X	X	X	990	-17	X	172	977	-18	9	333	961	-17	X	94	959	-23	2	111	960	-27	6	125
		DAY	29			DAY	30																					
00	963	-27	6	136	963	-26	4	32																				
03	965	-26	4	108	962	-24	1	100																				
06	966	-26	2	131	962	-24	4	63																				
09	967	-29	3	91	963	-26	X	285																				
12	967	-29	4	69	963	-27	X	164																				
15	966	-28	4	46	964	-25	2	149																				
18	965	-28	4	22	964	-28	7	177																				
21	964	-27	5	45	964	-31	9	157																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.6 STD DEV = 4.7 MAX = -12.0 AT 49 GMT ON DAY 26 MIN = -32.9 AT 2228 GMT ON DAY 17
* PRESSURE (MB) * MEAN = 955.4 STD DEV = 11.7 MAX = 990.6 AT 549 GMT ON DAY 25 MIN = 935.9 AT 2328 GMT ON DAY 5
* WINDS (M/S) * MEAN = 6.0 STD DEV = 3.6 RESULTANT = .4 FROM 211. CONSTANCY = .08 MAX = 24.0 FROM 181. AT 438 GMT DAY 24
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.9 % PRESSURE: 2.9 % WINDS: 20.8 %

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	15	25	18	15	5	4	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	6	3	4	3	3	7	7	12	14	3	3	4	4	6	10	9

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

JUL 83

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	962	-29	13	291	942	-30	9	347	944	-25	5	1	952	-22	7	138	955	-25	3	290	957	-25	3	323	942	-29	3	312
03	961	-30	9	285	941	-29	6	329	946	-24	4	131	953	-23	X	260	955	-25	4	290	955	-24	3	294	941	-30	2	328
06	959	-30	7	307	939	-29	5	322	947	-24	3	69	954	-24	2	10	955	-25	3	292	955	-23	3	281	940	-29	2	27
09	956	-33	6	315	938	-28	8	316	948	-23	7	62	954	-24	1	124	955	-24	2	280	954	-26	2	97	939	-30	4	13
12	952	-35	8	301	938	-27	9	316	949	-22	6	52	955	-23	3	115	956	-24	2	103	952	-27	3	69	938	-30	5	349
15	949	-34	8	304	939	-27	9	329	949	-22	6	28	955	-24	X	157	957	-25	2	141	948	-27	3	336	937	-33	9	307
18	946	-33	7	309	940	-26	8	314	949	-23	3	25	955	-26	X	153	958	-26	2	142	945	-28	5	302	938	-32	9	314
21	944	-32	7	314	943	-26	5	325	951	-23	7	91	955	-25	4	336	957	-27	X	27	944	-29	4	315	938	-32	4	304
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	939	-32	4	312	936	-29	6	329	940	-30	4	337	950	-32	2	316	963	-27	3	329	969	-24	3	114	963	-24	3	170
03	939	-31	5	315	937	-27	6	322	942	-30	X	124	950	-32	5	328	964	-28	4	318	969	-23	2	89	964	-27	11	159
06	938	-29	4	323	937	-27	3	332	943	-29	3	150	951	-31	4	326	963	-28	9	335	966	-23	3	73	964	-28	9	148
09	939	-29	2	311	937	-27	2	14	944	-30	3	167	952	-29	6	308	962	-30	10	325	964	-22	X	28	964	-29	8	163
12	938	-28	X	335	937	-28	6	342	947	-29	X	169	953	-27	7	312	962	-28	8	299	962	-21	X	259	964	-29	4	184
15	938	-28	3	312	936	-31	8	326	948	-32	X	298	955	-27	8	301	964	-26	4	299	961	-23	2	204	963	-30	4	176
18	938	-28	2	316	937	-31	8	329	948	-31	1	301	958	-26	6	308	964	-25	3	284	961	-23	2	204	963	-31	5	152
21	937	-30	4	335	938	-29	7	319	949	-32	3	308	961	-25	4	316	966	-24	4	194	962	-23	2	190	962	-32	4	148
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	962	-32	5	149	959	-31	3	104	959	-32	X	219	958	-34	5	346	952	-32	X	202	950	-30	X	13	954	-32	8	316
03	962	-31	5	141	957	-30	3	117	960	-32	X	247	957	-33	5	339	952	-31	3	174	949	-31	3	15	955	-32	6	339
06	962	-32	4	128	957	-29	3	143	961	-33	X	333	956	-33	4	321	952	-30	X	200	949	-32	5	349	956	-31	5	354
09	962	-33	5	101	957	-29	4	129	961	-32	X	13	956	-32	X	299	952	-30	X	202	948	-33	2	342	956	-31	3	339
12	963	-34	4	97	957	-31	3	160	960	-32	X	14	954	-32	3	297	952	-30	X	155	949	-34	X	319	955	-29	3	350
15	962	-33	1	101	957	-31	2	176	960	-33	X	11	954	-32	X	283	952	-30	X	148	950	-35	6	316	955	-29	2	14
18	961	-32	3	86	958	-31	X	225	959	-34	X	352	953	-33	X	253	951	-30	X	201	951	-33	5	319	954	-27	X	146
21	960	-32	3	110	958	-32	X	238	959	-34	3	359	953	-33	X	243	951	-30	X	108	953	-33	6	318	952	-27	3	163
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	950	-26	X	149	940	-29	7	89	941	-31	1	259	940	-26	3	321	935	-20	4	271	935	-26	4	148	936	-31	4	162
03	946	-24	3	160	941	-29	6	96	941	-30	X	184	939	-25	2	312	935	-19	X	274	935	-27	6	138	937	-32	3	157
06	944	-27	18	172	941	-29	1	65	942	-30	1	148	938	-22	4	4	934	-18	X	254	934	-28	8	157	937	-32	0	0
09	942	-28	15	187	941	-30	4	80	942	-30	5	181	938	-23	5	342	934	-20	X	93	935	-28	8	156	937	-32	2	131
12	943	-30	X	190	941	-31	2	77	943	-27	X	280	938	-23	3	352	934	-21	X	97	934	-29	8	163	937	-33	X	243
15	943	-29	X	159	941	-31	X	62	943	-27	0	0	937	-21	X	193	934	-22	3	91	935	-29	7	181	938	-33	2	186
18	941	-28	5	104	941	-30	X	44	943	-27	1	65	936	-21	5	257	934	-23	2	139	935	-30	4	169	937	-33	X	217
21	941	-30	6	114	941	-30	3	295	942	-26	X	156	936	-20	X	283	935	-26	1	157	936	-31	4	166	938	-33	2	198
		DAY	29			DAY	30			DAY	31																	
00	937	-34	X	283	939	-28	1	172	945	-36	4	337																
03	937	-32	5	221	940	-28	2	170	945	-37	5	330																
06	937	-29	X	191	942	-28	3	359	945	-37	3	1																
09	935	-30	7	157	943	-30	2	325	945	-38	5	356																
12	935	-31	1	271	943	-29	X	37	944	-37	3	302																
15	935	-30	3	3	943	-34	4	332	944	-39	X	281																
18	936	-28	5	108	944	-35	3	14	943	-35	5	305																
21	938	-30	4	337	944	-37	3	21	943	-36	5	305																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -28.8 STD DEV = 3.9 MAX = -18.2 AT 609 GMT ON DAY 26 MIN = -39.2 AT 1350 GMT ON DAY 31
* PRESSURE (MB) * MEAN = 948.1 STD DEV = 9.6 MAX = 969.7 AT 2329 GMT ON DAY 12 MIN = 934.0 AT 1339 GMT ON DAY 26
* WINDS (M/S) * MEAN = 4.5 STD DEV = 2.6 RESULTANT = 1.2 FROM 321. CONSTANCY = .26 MAX = 19.1 FROM 164. AT 549 GMT DAY 22
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 21.4 %

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:	12	36	29	14	7	1	1	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	7	5	1	4	6	4	6	11	7	3	1	1	3	8	23	13

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

AUG 83

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	947	-29	5	176	940	-32	4	333	942	-33	2	295	936	-27	X	142	X	X	X	X	920	-23	6	305
03	943	-33	4	318	947	-30	4	166	940	-32	3	357	943	-32	1	297	934	-26	X	160	X	X	X	X	920	-23	X	66
06	943	-31	3	307	947	-31	2	156	939	-31	3	14	943	-31	1	292	932	-27	X	128	X	X	X	X	922	-22	5	83
09	944	-30	2	318	946	-30	X	104	938	-32	X	104	943	-30	2	301	930	-28	X	250	X	X	X	X	925	-22	X	53
12	945	-27	X	135	946	-31	3	91	939	-32	X	183	943	-28	3	297	929	-27	1	304	X	X	X	X	928	-23	X	105
15	946	-28	3	118	944	-30	4	17	939	-32	0	0	942	-26	1	297	928	-28	5	292	X	X	X	X	931	-26	5	118
18	946	-28	X	148	943	-32	6	328	940	-32	1	232	940	-24	2	305	925	-30	6	308	X	X	X	X	933	-26	5	14
21	947	-28	X	142	941	-31	7	352	941	-33	3	274	938	-27	X	142	X	X	X	X	X	X	X	X	933	-26	13	349
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	936	-24	6	346	942	-27	1	60	945	-33	4	312	949	-31	X	159	947	-36	X	193	932	-33	X	356	951	-29	X	315
03	937	-20	X	84	942	-27	2	74	945	-32	3	343	949	-33	X	167	946	-36	X	139	932	-33	X	52	952	-31	4	298
06	939	-24	X	125	943	-27	5	7	946	-32	4	273	949	-34	X	184	944	-36	1	90	932	-30	1	118	953	-32	7	305
09	939	-25	X	132	942	-31	9	328	947	-32	X	243	X	X	X	X	943	-34	X	107	934	-32	X	153	956	-33	4	60
12	939	-26	X	148	943	-31	8	330	X	X	X	X	949	-34	3	290	941	-35	2	73	938	-31	X	122	958	-31	3	65
15	939	-28	X	184	943	-32	10	340	X	X	X	X	949	-34	4	278	938	-35	5	91	942	-30	2	259	959	-31	4	100
18	940	-28	X	186	943	-34	7	382	X	X	X	X	949	-33	X	202	935	-35	X	83	944	-32	4	295	958	-33	6	104
21	941	-27	X	176	X	X	X	X	948	-29	X	170	948	-35	2	153	933	-35	X	104	948	-32	1	278	959	-32	1	90
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	959	-31	X	107	X	X	X	X	947	-33	3	305	943	-20	X	139	948	-20	X	41	954	-27	X	146	939	-25	7	354
03	X	X	X	X	940	-33	1	6	947	-31	4	321	942	-23	12	305	949	-20	3	325	954	-28	X	127	936	-28	7	340
06	X	X	X	X	940	-33	X	181	947	-30	6	307	944	-24	8	292	947	-20	5	314	952	-28	8	329	936	-29	3	302
09	X	X	X	X	941	-33	X	214	947	-31	6	290	943	-24	7	307	947	-19	4	260	952	-27	2	307	936	-28	5	302
12	X	X	X	X	942	-33	X	225	945	-30	7	311	943	-23	6	295	946	-18	3	260	950	-25	7	305	937	-28	6	325
15	X	X	X	X	943	-34	0	0	943	-26	5	292	943	-20	5	253	945	-22	X	128	948	-23	6	301	936	-29	8	305
18	X	X	X	X	945	-34	2	278	943	-22	1	274	944	-21	X	139	947	-24	X	172	945	-21	1	319	939	-27	6	323
21	X	X	X	X	946	-35	2	283	942	-23	7	288	946	-21	7	354	951	-27	X	155	942	-26	7	308	943	-24	X	174
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	948	-24	X	105	947	-23	4	329	945	-11	X	219	945	-18	1	290	968	-21	2	141	954	-20	X	188	950	-26	4	295
03	952	-24	10	20	943	-22	X	274	950	-15	X	186	945	-16	6	312	968	-20	X	335	954	-23	6	124	949	-27	5	291
06	953	-24	X	34	940	-24	12	298	952	-15	1	14	946	-11	3	163	967	-20	X	35	953	-24	6	156	948	-29	5	305
09	957	-23	X	212	936	-23	14	305	950	-14	17	181	948	-12	6	136	965	-20	6	6	953	-26	6	146	946	-28	5	295
12	959	-22	X	215	936	-18	13	283	952	-14	2	260	954	-17	7	173	963	-19	X	29	953	-25	4	103	945	-28	5	308
15	959	-23	X	166	936	-12	0	0	950	-20	11	319	960	-19	10	174	959	-19	10	6	952	-26	X	63	944	-23	3	297
18	956	-24	5	319	940	-12	1	211	946	-22	14	311	965	-21	X	169	956	-21	11	326	951	-26	4	329	944	-20	X	93
21	953	-24	6	287	943	-12	3	266	944	-23	9	295	967	-22	2	153	955	-21	7	322	950	-26	1	307	945	-20	7	8
		DAY	29			DAY	30			DAY	31																	
00	944	-21	7	353	950	-20	1	167	953	-22	7	350																
03	944	-21	X	82	951	-21	X	221	953	-23	X	309																
06	946	-22	4	340	950	-20	X	357	954	-23	5	294																
09	949	-26	X	170	950	-21	X	249	955	-22	X	119																
12	950	-25	X	134	950	-21	X	46	957	-23	X	155																
15	950	-23	X	45	949	-20	6	22	959	-21	X	152																
18	949	-22	4	347	950	-21	7	72	961	-24	X	283																
21	951	-21	X	97	952	-21	X	86	962	-23	6	283																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -26.0 STD DEV = 5.6 MAX = -10.2 AT 700 GMT ON DAY 25 MIN = -36.6 AT 440 GMT ON DAY 12
* PRESSURE (MB) * MEAN = 945.6 STD DEV = 8.4 MAX = 968.7 AT 200 GMT ON DAY 26 MIN = 919.6 AT 140 GMT ON DAY 7
* WINDS (M/S) * MEAN = 4.9 STD DEV = 3.1 RESULTANT = 2.8 FROM 318. CONSTANCY = .56 MAX = 18.9 FROM 162. AT 1350 GMT DAY 25
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 9.3 % PRESSURE: 9.3 % WINDS: 41.5 %

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:	17	23	28	20	3	6	2	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	8	4	0	4	4	4	3	5	3	1	1	1	8	21	24	10

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

SEP 83

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	962	-22	6	326	967	-26	6	346	975	-24	X	181	977	-23	8	10	962	-23	1	83	950	-22	X	160	942	-24	X	179
03	961	-23	7	328	967	-28	5	299	978	-24	X	283	976	-21	0	0	959	-21	X	125	X	X	X	X	942	-23	X	183
06	961	-24	8	325	969	-25	6	276	979	-26	X	333	976	-21	3	10	955	-20	X	176	X	X	X	X	942	-26	X	167
09	961	-24	8	352	971	-24	2	264	978	-24	3	360	975	-21	2	332	954	-20	1	183	947	-27	3	96	942	-26	X	136
12	963	-23	8	13	971	-24	X	263	978	-26	X	27	974	-22	X	281	952	-21	X	177	945	-28	X	25	943	-29	X	135
15	963	-24	8	14	972	-26	X	336	978	-24	X	249	972	-22	X	139	952	-23	1	163	943	-28	X	87	945	-29	X	167
18	964	-25	10	42	972	-24	X	134	978	-23	13	11	969	-22	X	107	951	-24	X	142	942	-27	X	173	946	-30	X	271
21	965	-25	9	335	972	-25	1	166	978	-23	7	14	966	-23	X	77	951	-24	X	145	941	-26	X	195	948	-29	X	281
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	950	-26	X	301	939	-22	X	132	939	-28	X	292	930	-19	X	295	948	-19	X	174	960	-21	X	287	959	-19	16	160
03	950	-27	X	352	939	-24	X	160	938	-26	X	312	927	-20	0	0	952	-18	X	211	960	-21	X	131	962	-19	21	159
06	948	-28	X	318	939	-25	X	143	937	-27	X	309	926	-21	2	311	958	-18	7	274	961	-21	2	157	964	-18	22	152
09	947	-26	X	298	939	-26	X	156	935	-26	X	295	924	-20	X	319	960	-21	X	184	961	-20	5	179	967	-18	22	153
12	945	-26	X	297	940	-28	X	148	935	-22	X	198	925	-20	X	305	961	-21	1	166	961	-18	10	169	970	-17	16	160
15	942	-24	X	294	940	-29	X	10	934	-22	X	24	928	-19	5	321	962	-21	3	143	959	-18	13	176	974	-17	14	169
18	941	-22	X	267	939	-29	X	207	932	-21	X	38	934	-20	X	119	961	-22	X	325	957	-18	15	164	977	-16	12	162
21	940	-20	X	163	939	-29	X	305	932	-20	X	285	941	-22	X	177	960	-21	X	325	958	-20	21	163	979	-16	X	160
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	979	-16	9	152	977	-13	X	343	952	-15	11	343	945	-21	7	103	949	-22	2	201	947	-22	4	260	947	-27	7	156
03	979	-17	5	157	976	-13	X	343	947	-14	X	311	946	-21	9	111	949	-22	4	194	946	-23	X	277	946	-28	1	156
06	979	-15	X	114	975	-14	X	343	943	-15	9	298	947	-22	8	104	949	-22	2	195	945	-24	6	278	944	-28	8	187
09	978	-14	X	259	974	-14	2	124	942	-17	X	238	948	-22	5	131	949	-22	2	204	944	-25	5	264	942	-27	6	194
12	977	-12	3	359	972	-14	X	73	943	-15	X	94	948	-24	6	153	948	-22	2	183	944	-24	4	122	939	-28	10	191
15	978	-16	X	276	969	-13	X	31	943	-17	10	58	947	-23	6	152	948	-22	3	166	945	-27	6	146	937	-26	9	194
18	978	-14	X	134	964	-16	X	336	944	-20	2	82	947	-23	7	179	948	-22	2	243	945	-28	8	148	935	-27	7	326
21	978	-13	2	73	958	-16	18	339	944	-20	7	89	948	-23	4	194	948	-22	2	257	947	-26	6	195	935	-25	4	60
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	936	-26	6	13	931	-25	11	323	949	-26	7	323	952	-22	2	298	939	-20	3	356	933	-26	10	187	946	-28	6	82
03	936	-26	7	330	935	-25	2	322	950	-26	4	321	951	-24	4	346	937	-24	6	319	935	-27	17	174	945	-29	3	13
06	936	-25	7	347	937	-24	X	157	951	-27	5	346	949	-24	6	349	935	-23	9	38	938	-27	13	150	945	-30	3	51
09	934	-24	12	4	940	-26	10	169	953	-27	X	24	947	-25	7	360	933	-26	8	354	941	-29	9	190	945	-33	X	347
12	932	-25	14	13	942	-27	15	184	954	-25	X	25	945	-25	7	359	931	-29	3	325	944	-29	6	170	945	-33	3	337
15	930	-25	12	356	943	-28	15	188	955	-27	3	323	944	-25	6	326	930	-28	X	263	945	-30	1	339	944	-33	4	346
18	928	-27	15	347	946	-27	15	190	954	-26	9	312	942	-24	2	356	930	-26	3	229	946	-29	1	170	942	-32	2	340
21	928	-26	14	340	947	-26	10	190	954	-26	6	288	941	-22	2	311	931	-27	8	264	946	-30	3	110	941	-27	X	8
		DAY	29			DAY	30																					
00	942	-26	X	86	939	-29	1	252																				
03	940	-28	2	281	938	-28	X	235																				
06	939	-28	3	292	937	-29	X	309																				
09	938	-30	X	119	936	-31	X	322																				
12	938	-31	X	209	935	-31	3	343																				
15	937	-28	6	193	933	-32	X	32																				
18	938	-29	X	207	930	-35	5	354																				
21	938	-29	0	0	927	-34	9	346																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -23.6 STD DEV = 4.5 MAX = -12.1 AT 441 GMT ON DAY 16 MIN = -35.0 AT 1751 GMT ON DAY 30
* PRESSURE (MB) * MEAN = 950.0 STD DEV = 14.4 MAX = 979.2 AT 201 GMT ON DAY 15 MIN = 924.3 AT 1051 GMT ON DAY 11
* WINDS (M/S) * MEAN = 6.8 STD DEV = 4.8 RESULTANT = .5 FROM 174. CONSTANCY = .07 MAX = 28.4 FROM 157. AT 841 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .8 % PRESSURE: .8 % WINDS: 40.4 %

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	19	16	19	11	5	4	6	1	1	3	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	4	2	2	4	4	3	15	14	6	1	2	6	4	11	13

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

OCT 83

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	925	-32	8	1	926	-28	X	208	938	-28	6	299	921	-30	X	240	940	-29	4	344	924	-28	1	152	918	-24	8	297
03	924	-31	5	53	927	-25	1	191	935	-29	13	346	923	-28	X	205	939	-29	4	339	923	-26	X	183	917	-22	3	322
06	922	-30	X	135	930	-26	17	198	931	-29	13	14	927	-28	7	179	937	-29	3	326	922	-28	2	311	918	-22	1	294
09	921	-29	X	301	935	-26	5	281	926	-29	16	13	931	-28	X	204	934	-32	3	314	922	-32	X	294	918	-23	X	326
12	921	-26	X	131	937	-26	X	62	922	-28	18	357	933	-31	5	308	931	-31	4	332	920	-32	5	305	919	-25	8	169
15	922	-25	4	142	937	-26	10	330	920	-28	17	352	937	-30	7	294	929	-32	3	315	920	-30	4	297	921	-29	7	128
18	924	-28	11	179	938	-28	12	299	919	-31	16	343	938	-31	5	319	927	-30	X	360	919	-28	5	297	921	-28	X	59
21	925	-29	15	180	937	-28	13	294	920	-31	5	307	940	-29	5	336	925	-28	X	79	919	-26	7	297	923	-27	6	129
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	924	-27	7	146	915	-22	2	149	924	-23	5	111	920	-18	5	315	935	-17	7	7	941	-14	X	132	943	-13	X	201
03	924	-26	6	157	916	-23	6	136	925	-21	6	103	921	-14	6	352	936	-14	7	322	942	-15	7	14	944	-14	X	162
06	925	-26	4	159	916	-23	4	346	924	-22	8	14	921	-16	6	344	935	-16	7	312	939	-14	4	176	945	-15	X	337
09	924	-27	1	100	916	-23	4	356	923	-22	X	131	922	-14	3	294	935	-17	3	298	943	-15	X	205	947	-16	X	134
12	922	-27	3	14	917	-20	X	340	924	-20	X	121	923	-14	X	96	936	-15	7	253	944	-14	X	138	948	-16	0	0
15	919	-27	6	325	917	-20	X	70	923	-19	X	118	925	-14	X	186	939	-17	4	153	945	-16	6	174	949	-16	3	149
18	917	-26	8	309	918	-21	X	60	922	-20	9	311	929	-17	X	180	940	-18	10	8	945	-16	2	295	950	-16	1	221
21	915	-24	5	318	921	-22	6	122	922	-17	8	287	935	-17	X	110	939	-17	4	299	943	-13	X	339	951	-15	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	951	-15	X	350	962	-17	X	141	962	-14	X	97	961	-11	3	73	954	-19	3	349	947	-14	X	325	951	-17	15	164
03	952	-15	X	63	962	-16	X	115	961	-14	X	52	961	-12	2	340	953	-19	2	318	945	-13	4	321	951	-17	21	159
06	954	-16	X	98	963	-17	X	97	961	-14	10	343	960	-11	1	86	952	-18	3	14	944	-12	6	332	954	-17	14	181
09	956	-17	X	48	964	-18	6	294	962	-12	X	181	959	-13	4	7	951	-18	4	336	943	-13	4	6	953	-17	15	155
12	958	-16	X	58	963	-18	7	312	962	-13	X	198	958	-15	3	86	951	-20	4	354	944	-12	X	139	953	-17	4	172
15	959	-17	4	14	963	-18	5	325	962	-12	X	193	957	-17	3	10	949	-19	4	357	945	-14	1	143	952	-17	7	305
18	959	-17	X	309	962	-18	5	314	962	-12	0	0	955	-19	3	69	949	-16	X	70	946	-16	X	150	949	-18	4	326
21	960	-14	2	312	961	-15	1	283	963	-14	3	15	954	-18	4	69	948	-15	3	339	949	-19	13	179	947	-17	2	307
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	946	-16	X	152	932	-18	X	129	929	-17	10	304	939	-10	17	153	943	-10	4	294	938	-12	X	108	933	-17	7	166
03	944	-14	X	301	932	-19	0	0	929	-14	9	294	942	-10	10	159	943	-9	3	73	938	-13	1	70	932	-17	10	183
06	941	-16	X	11	932	-19	X	132	929	-12	X	256	943	-10	9	138	942	-10	4	20	937	-15	X	63	932	-17	9	188
09	939	-17	X	343	932	-19	X	343	929	-10	X	209	944	-11	10	149	941	-11	1	297	937	-16	0	0	932	-18	5	179
12	937	-17	X	329	932	-18	X	323	929	-9	12	170	945	-12	5	155	940	-12	1	297	936	-17	2	96	932	-18	9	180
15	935	-17	2	128	930	-20	9	297	932	-9	8	156	944	-12	4	129	939	-13	2	344	935	-17	4	125	933	-18	3	155
18	933	-18	X	112	930	-20	10	302	935	-9	17	155	944	-11	6	314	938	-13	X	152	935	-15	10	145	934	-17	5	163
21	933	-18	1	128	929	-19	10	302	937	-9	14	177	944	-10	10	311	938	-12	3	136	934	-15	9	149	935	-19	14	119
		DAY	29			DAY	30			DAY	31																	
00	936	-16	2	212	934	-21	7	354	934	-16	2	321																
03	936	-17	3	315	933	-21	9	328	934	-16	2	316																
06	936	-17	2	356	933	-21	8	332	934	-18	2	307																
09	936	-18	4	8	933	-22	5	326	934	-18	2	321																
12	936	-19	4	13	933	-19	7	302	934	-19	1	4																
15	936	-19	X	69	933	-20	5	290	935	-19	X	305																
18	935	-18	1	87	934	-20	4	312	936	-18	X	115																
21	934	-20	2	359	934	-20	4	308	938	-18	X	69																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -19.1 STD DEV = 6.0 MAX = -7.9 AT 132 GMT ON DAY 26 MIN = -33.7 AT 1341 GMT ON DAY 5
* PRESSURE (MB) * MEAN = 936.9 STD DEV = 12.8 MAX = 964.0 AT 822 GMT ON DAY 16 MIN = 913.4 AT 2251 GMT ON DAY 8
* WINDS (M/S) * MEAN = 5.9 STD DEV = 4.2 RESULTANT = .9 FROM 307. CONSTANCY = .16 MAX = 22.1 FROM 186. AT 531 GMT DAY 2
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .0 % PRESSURE: .0 % WINDS: 27.8 %

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:	16	20	25	15	11	4	3	3	3	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	10	6	1	3	3	2	7	11	9	1	1	1	1	14	21	10

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

NOV 83

HR	PP	TT	VV	DD
		DAY 1		
00	939	-16	3	14
03	939	-17	4	326
06	939	-18	5	321
09	939	-18	1	256
12	940	-17	0	0
15	942	-17	1	336
18	942	-17	4	280
21	942	-18	6	308
		DAY 8		
00	942	-12	8	297
03	943	-12	5	297
06	942	-11	X	273
09	943	-10	2	238
12	944	-10	2	336
15	945	-12	8	284
18	946	-13	8	290
21	946	-14	7	298
		DAY 15		
00	949	-13	6	344
03	949	-12	6	336
06	949	-10	4	319
09	949	-11	4	311
12	949	-12	4	315
15	948	-12	6	342
18	948	-12	5	354
21	948	-10	5	1
		DAY 22		
00	939	-8	1	273
03	941	-10	X	270
06	943	-10	2	309
09	944	-11	4	8
12	946	-12	5	13
15	948	-9	2	354
18	949	-9	3	278
21	951	-10	5	314
		DAY 29		
00	943	-8	5	107
03	943	-9	8	98
06	943	-9	5	96
09	943	-9	5	107
12	944	-9	6	134
15	944	-9	4	136
18	945	-9	5	128
21	945	-9	5	139

PP	TT	VV	DD
	DAY 2		
941	-18	5	312
940	-18	8	319
939	-18	8	316
938	-18	6	322
937	-19	7	323
936	-19	4	314
936	-17	5	307
935	-16	4	346
	DAY 9		
946	-12	6	291
947	-9	5	281
949	-9	6	6
950	-10	7	311
950	-9	4	239
951	-8	X	122
951	-12	4	295
952	-11	8	318
	DAY 16		
947	-11	6	342
946	-11	9	350
945	-11	6	4
944	-11	6	18
944	-12	6	15
943	-12	3	14
943	-11	X	65
942	-9	1	163
	DAY 23		
951	-6	2	73
950	-9	5	6
949	-8	6	14
948	-8	6	45
947	-8	5	46
945	-9	4	65
944	-8	3	105
943	-8	4	108
	DAY 30		
945	-8	4	124
946	-8	3	87
X	X	X	X
947	-10	3	117
948	-10	3	111
950	-9	1	98
951	-9	1	157
953	-8	3	180

PP	TT	VV	DD
	DAY 3		
935	-14	3	315
934	-11	X	115
933	-14	2	76
933	-14	X	46
932	-14	5	79
931	-14	5	83
931	-14	X	58
930	-11	X	344
	DAY 10		
951	-11	8	298
951	-11	4	328
949	-9	3	14
947	-9	9	14
946	-10	5	14
945	-11	2	240
946	-11	0	0
947	-9	6	172
	DAY 17		
942	-10	3	164
942	-10	6	177
942	-12	7	183
943	-12	3	176
944	-12	3	173
946	-11	X	321
947	-11	0	0
949	-10	X	159
	DAY 24		
942	-7	3	174
941	-8	8	173
942	-10	8	179
942	-11	6	163
943	-11	4	156
943	-11	3	125
943	-11	3	323
943	-11	6	332

PP	TT	VV	DD
	DAY 4		
931	-12	4	164
930	-13	X	46
930	-14	5	346
929	-14	9	333
928	-15	5	307
928	-15	X	270
928	-14	0	0
928	-10	6	302
	DAY 11		
947	-10	5	150
947	-11	6	129
947	-12	6	142
947	-12	6	149
947	-13	7	179
947	-12	6	177
948	-13	5	167
948	-12	2	249
	DAY 18		
951	-11	9	169
952	-11	10	177
953	-11	4	160
953	-12	4	174
953	-12	X	312
952	-12	3	326
951	-10	1	285
951	-9	1	359
	DAY 25		
943	-10	7	309
943	-9	6	297
943	-9	4	305
943	-9	X	335
942	-10	X	24
941	-10	X	35
941	-9	2	72
941	-9	1	97

PP	TT	VV	DD
	DAY 5		
928	-15	7	311
928	-16	6	321
928	-15	6	342
928	-15	8	7
928	-17	4	339
928	-17	X	332
929	-15	X	155
929	-14	X	136
	DAY 12		
948	-11	5	299
947	-11	6	304
946	-11	4	328
946	-12	6	311
945	-13	3	263
946	-13	3	270
947	-13	4	60
946	-12	6	330
	DAY 19		
950	-7	X	164
949	-10	1	141
948	-10	4	187
948	-9	X	204
947	-10	9	193
946	-11	15	183
947	-11	11	164
947	-12	11	190
	DAY 26		
940	-9	2	100
940	-8	X	104
941	-8	2	98
941	-9	X	98
941	-9	1	307
942	-9	1	243
942	-9	1	260
942	-8	X	166

PP	TT	VV	DD
	DAY 6		
930	-11	X	312
930	-11	X	340
930	-14	3	308
930	-15	5	328
930	-15	4	295
932	-14	4	141
933	-14	6	132
935	-13	X	176
	DAY 13		
946	-11	9	128
947	-11	2	83
947	-12	5	321
947	-12	5	298
946	-13	4	297
946	-13	4	271
946	-12	3	127
946	-12	3	21
	DAY 20		
948	-10	4	209
947	-11	14	193
947	-10	8	184
948	-10	1	316
948	-11	X	69
947	-11	3	53
945	-11	2	319
944	-11	4	344
	DAY 27		
942	-6	X	344
942	-7	2	1
942	-9	3	332
941	-10	3	326
941	-10	2	14
940	-9	3	59
940	-10	5	49
940	-9	3	77

PP	TT	VV	DD
	DAY 7		
936	-13	0	0
936	-13	2	118
937	-14	4	328
938	-14	3	252
940	-14	3	157
940	-14	X	105
941	-13	X	27
941	-12	6	288
	DAY 14		
945	-12	3	330
945	-11	7	294
944	-11	7	299
944	-11	1	314
944	-10	13	108
945	-13	7	100
947	-13	5	105
948	-13	4	100
	DAY 21		
942	-13	5	347
940	-13	10	335
938	-13	10	328
937	-13	7	342
936	-14	6	323
935	-14	7	301
936	-12	5	340
937	-12	5	311
	DAY 28		
940	-8	X	28
940	-8	0	0
941	-9	3	114
942	-9	2	163
943	-10	X	153
943	-9	2	197
944	-9	2	163
944	-8	3	128

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -11.4 STD DEV = 2.6 MAX = -4.6 AT 2322 GMT ON DAY 26 MIN = -19.1 AT 1142 GMT ON DAY 2
* PRESSURE (MB) * MEAN = 942.6 STD DEV = 6.2 MAX = 953.3 AT 2252 GMT ON DAY 30 MIN = 927.5 AT 1452 GMT ON DAY 4
* WINDS (M/S) * MEAN = 4.7 STD DEV = 2.5 RESULTANT = .9 FROM 322. CONSTANCY = .19 MAX = 17.0 FROM 193. AT 1512 GMT DAY 19
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % PRESSURE: .4 % WINDS: 14.2 %

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:	16	22	37	17	5	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	5	5	2	3	6	5	7	7	9	2	0	3	4	9	18	13

STATION : 8913 WHITLOCK LAT : 76.2 S LONG : 168.7E ELEVATION : 275 M

DEC 83

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	4	187	958	-8	2	302	960	-8	3	56	956	-5	8	113	960	-3	6	136	961	-3	0	0	949	-7	5	314
03	955	-8	3	195	958	-9	3	301	959	-7	2	105	956	-5	10	108	961	-3	5	141	959	-4	2	343	949	-4	0	0
06	955	-8	2	205	959	-8	0	0	959	-8	4	124	956	-5	8	111	962	-4	5	160	958	-5	5	35	950	-6	6	87
09	956	-9	2	208	959	-8	1	329	959	-7	4	121	956	-6	8	117	962	-4	4	143	956	-6	0	0	951	-11	12	150
12	956	-10	2	218	959	-9	1	3	958	-7	7	118	957	-5	7	122	963	-5	2	145	954	-6	0	0	951	-11	10	166
15	957	-10	0	0	959	-9	0	0	957	-7	8	114	957	-5	7	125	962	-5	3	156	952	-7	0	0	952	-12	8	152
18	957	-9	0	0	959	-9	2	34	956	-6	8	96	958	-5	7	122	962	-5	1	152	950	-7	8	8	953	-12	11	134
21	958	-8	1	256	959	-8	4	59	956	-4	7	108	959	-4	7	121	962	-2	0	0	950	-8	5	332	955	-11	8	134
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	957	-11	7	139	958	-9	1	236	949	-8	6	124	947	-5	3	276	953	-3	3	314	959	-2	6	294	959	-6	6	294
03	959	-10	4	141	956	-9	1	228	949	-8	6	46	947	-3	4	105	953	-3	0	0	960	-3	5	287	958	-5	6	305
06	960	-9	0	0	955	-10	1	214	948	-8	0	0	948	-5	6	142	953	-4	10	257	961	-3	4	293	958	-3	4	298
09	961	-11	2	336	953	-11	4	158	948	-8	0	0	947	-5	4	270	955	-5	6	288	961	-4	6	290	957	-3	3	300
12	962	-11	4	304	952	-12	2	211	947	-10	7	353	948	-5	1	332	956	-4	8	259	961	-3	4	288	957	0	0	0
15	962	-12	6	291	951	-12	5	266	947	-9	5	273	949	-6	7	156	956	-5	3	276	960	-5	5	332	957	0	0	0
18	961	-11	5	281	950	-11	6	285	947	-8	0	0	951	-6	4	269	957	-5	2	239	959	-7	5	297	957	-2	4	347
21	960	-10	4	259	949	-11	8	269	947	-8	5	302	952	-3	1	262	958	-4	3	284	959	-6	8	295	956	-2	2	287
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	956	0	0	0	951	0	1	89	952	-1	0	0	955	-2	0	0	958	-4	3	93	957	-4	4	257	956	-4	6	139
03	955	2	0	0	951	1	0	0	952	-2	0	0	956	-4	2	105	958	-4	1	110	957	-3	0	0	957	-3	6	115
06	954	0	0	0	951	0	1	141	951	-4	0	0	956	-5	1	107	958	-3	0	0	957	-3	2	273	957	-4	9	117
09	953	0	0	0	951	0	0	0	952	-5	3	340	956	-5	2	79	958	-4	2	131	956	-3	0	0	958	-5	8	115
12	952	-1	0	0	951	-2	3	360	952	-5	1	297	956	-6	3	84	958	-4	0	0	956	-5	4	94	958	-5	7	113
15	952	-2	2	311	951	-3	3	339	953	-5	0	0	957	-5	3	124	957	-5	0	0	956	-5	6	96	958	-5	9	105
18	951	2	0	0	951	-3	4	347	953	-5	1	210	957	-5	3	114	957	-5	1	285	955	-5	7	91	959	-5	5	113
21	951	1	2	62	951	-1	3	359	955	-4	1	152	957	-5	4	114	957	-5	3	260	955	-4	4	98	961	-4	3	53
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	962	-3	3	325	964	-5	0	0	965	-1	0	0	965	-3	1	312	966	-6	0	0	951	-5	0	0	950	-5	3	113
03	963	-4	5	350	965	-5	4	63	965	-1	1	45	966	2	0	0	965	-5	0	0	950	-5	6	53	950	-5	3	108
06	964	-4	6	333	965	-5	3	90	964	-2	2	4	966	-3	2	142	963	-5	4	302	949	-5	4	62	950	-3	0	0
09	964	-4	0	0	966	-4	3	100	964	-3	3	356	967	-6	3	124	962	-5	2	249	949	-5	6	59	949	-6	4	295
12	X	X	X	X	966	-3	4	101	963	-4	3	353	967	-7	4	115	960	-6	2	276	949	-5	6	62	948	-6	5	285
15	X	X	X	X	966	-3	3	100	963	-4	3	360	966	-7	3	131	957	-7	3	326	949	-5	5	63	947	-6	4	287
18	X	X	X	X	966	-3	3	86	963	-4	4	359	966	-7	2	145	956	-5	5	51	950	-5	1	136	946	-2	0	0
21	964	-4	2	45	966	-2	1	68	964	-3	3	359	966	-7	0	0	953	-6	8	51	950	-4	3	103	945	-5	3	346
		DAY	29			DAY	30			DAY	31																	
00	944	-4	5	330	945	-4	5	305	953	-5	3	82																
03	943	-4	6	330	945	-3	4	314	952	-5	4	82																
06	942	-3	1	352	946	-3	2	307	952	-4	1	62																
09	942	-5	5	294	947	-4	2	319	951	-5	2	35																
12	943	-6	4	305	948	-5	2	312	951	-5	0	0																
15	943	-6	4	304	949	-5	5	158	950	-5	0	0																
18	943	-5	5	295	951	-7	5	96	950	-4	2	79																
21	944	-4	4	300	952	-6	5	84	951	-3	0	0																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -5.1 STD DEV = 2.8 MAX = 2.9 AT 202 GMT ON DAY 15 MIN = -12.4 AT 1332 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 955.5 STD DEV = 5.9 MAX = 967.0 AT 1232 GMT ON DAY 25 MIN = 942.2 AT 552 GMT ON DAY 29
* WINDS (M/S) * MEAN = 3.4 STD DEV = 2.6 RESULTANT = .5 FROM 82. CONSTANCY = .15 MAX = 12.6 FROM 143. AT 832 GMT DAY 7
* 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:	36	23	24	11	4	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	7	0	6	5	10	14	11	5	1	3	2	3	7	14	8	7

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

JAN 83

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	813	-16	9	145	812	-16	9	141	804	-14	19	141	809	-13	15	141
03	X	X	X	X	X	X	X	X	X	X	X	X	813	-13	6	141	812	-14	9	129	803	-15	19	141	810	-11	16	132
06	X	X	X	X	X	X	X	X	X	X	X	X	813	-12	4	141	811	-14	9	141	803	-14	20	139	810	-10	16	128
09	X	X	X	X	X	X	X	X	815	-13	0	0	813	-11	1	180	810	-16	11	141	803	-14	19	141	810	-10	15	141
12	X	X	X	X	X	X	X	X	815	-16	0	0	814	-17	4	176	809	-18	13	141	804	-13	17	141	812	-10	15	141
15	X	X	X	X	X	X	X	X	814	-17	5	155	813	-21	7	174	806	-20	16	141	805	-12	16	141	811	-10	14	141
18	X	X	X	X	X	X	X	X	814	-20	6	180	813	-21	8	180	805	-19	18	141	807	-13	17	129	811	-9	15	141
21	X	X	X	X	X	X	X	X	814	-18	8	141	813	-20	10	141	804	-16	19	131	808	-13	18	128	810	-9	17	129
		DAY	29			DAY	30			DAY	31																	
00	811	-7	18	121	815	-12	18	141	820	-10	14	141																
03	813	-8	17	120	816	-11	17	141	819	-9	14	141																
06	814	-8	18	120	817	-11	16	141	818	-10	15	141																
09	815	-8	14	141	818	-11	16	142	817	-12	13	141																
12	815	-10	16	141	819	-11	14	141	816	-15	15	180																
15	814	-11	20	150	819	-11	13	141	814	-17	15	141																
18	814	-11	19	141	819	-12	17	145	813	-17	15	141																
21	814	-11	21	142	819	-11	16	141	813	-17	13	149																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -13.2 STD DEV = 3.5 MAX = -7.2 AT 115 GMT ON DAY 29 MIN = -21.6 AT 1816 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 812.3 STD DEV = 4.4 MAX = 819.7 AT 2241 GMT ON DAY 30 MIN = 802.5 AT 927 GMT ON DAY 27
* WINDS (M/S) * MEAN = 13.5 STD DEV = 5.2 RESULTANT = 13.3 FROM 140. CONSTANCY = .98 MAX = 21.7 FROM 146. AT 1915 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 75.4 % PRESSURE: 75.4 % 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:	5	2	5	5	10	2	11	25	20	15	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	0	5	80	5	10	0	0	0	0	0	0	0

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

FEB 83

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	814	-10	17	132	814	-13	16	141	811	-18	17	141	820	-12	14	141	822	-10	8	127	822	-12	6	148
03	812	-11	12	141	814	-10	16	141	813	-12	19	153	812	-16	15	145	821	-11	11	142	821	-9	7	141	822	-10	7	141
06	812	-11	14	141	814	-10	15	141	813	-12	17	141	814	-14	12	141	821	-9	12	146	820	-9	5	125	823	-9	7	141
09	812	-11	13	135	815	-11	14	141	813	-14	17	141	814	-14	13	141	821	-11	12	149	820	-9	3	90	822	-11	6	152
12	812	-10	12	141	815	-12	14	145	812	-16	16	141	816	-15	11	141	821	-11	10	141	820	-11	4	127	823	-15	8	141
15	812	-9	12	120	815	-15	17	149	813	-17	12	145	817	-16	11	150	821	-11	5	141	820	-12	5	141	823	-14	8	141
18	812	-10	13	141	815	-16	15	180	812	-18	14	149	818	-16	10	152	822	-12	8	122	820	-12	6	141	823	-11	8	141
21	813	-10	16	124	815	-16	15	141	812	-19	16	141	819	-14	12	141	823	-11	8	141	821	-14	7	150	822	-10	9	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	822	-9	10	111	811	-11	20	141	816	-9	22	114	824	-8	18	127	814	-10	14	141	812	-8	6	141	808	-13	12	141
03	821	-9	12	141	809	X	22	141	817	-10	21	90	823	-8	17	141	813	-9	11	114	812	-9	7	127	808	-10	13	111
06	818	-9	17	141	811	-10	23	111	820	-9	19	90	821	-9	18	141	813	-9	8	90	812	-10	6	124	808	-9	12	110
09	816	-10	18	122	809	-10	20	115	822	-9	13	98	819	-9	18	141	813	-9	7	90	811	-12	5	141	808	-10	12	90
12	816	-10	15	141	810	-10	18	103	825	-10	15	104	819	-9	17	127	814	-10	5	90	811	-13	7	141	808	-10	13	111
15	813	-11	16	120	812	-10	20	90	825	-10	13	115	816	-9	16	131	813	-10	5	111	810	-13	9	141	809	-11	13	101
18	812	-12	20	135	814	-9	18	90	826	-10	14	141	815	-10	16	141	813	-10	3	121	809	-14	11	134	809	-12	13	120
21	811	-12	20	141	815	-9	18	110	825	-9	16	141	814	-10	16	141	813	-10	5	121	808	-15	12	141	810	-12	15	100
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	812	-13	12	129	806	-13	20	141	800	-13	15	141	805	-17	13	141	804	-17	15	156	802	-21	12	180	804	-25	12	180
03	813	-13	13	141	803	-13	21	117	800	-12	16	141	805	-16	13	141	804	-15	11	167	802	-19	10	162	803	-23	11	160
06	813	-13	14	141	801	-14	24	129	800	-12	16	141	805	-16	14	141	803	-16	13	180	802	-19	11	180	803	-22	12	162
09	813	-13	13	132	805	-15	19	141	801	-14	16	141	806	-17	15	139	804	-18	12	180	802	-21	11	180	804	-24	10	180
12	813	-14	15	141	800	-14	20	141	801	-16	13	142	806	-19	17	138	804	-21	14	165	803	-25	12	180	805	-27	11	180
15	812	-15	15	141	799	-14	20	141	802	-17	14	141	806	-19	15	146	803	-22	12	162	803	-26	14	170	804	-29	13	180
18	809	-14	17	141	798	-14	17	125	803	-18	13	141	805	-19	12	149	803	-24	13	180	803	-28	12	176	805	-29	12	169
21	807	-14	20	141	799	-13	17	141	804	-19	11	148	805	-18	12	161	803	-24	13	180	803	-28	12	180	805	-29	13	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	805	-26	12	180	806	-28	13	169	801	-25	11	152	814	-26	9	180	812	-18	14	141	810	-19	12	155	811	-22	14	160
03	805	-23	12	158	806	-25	10	180	801	-22	12	141	815	-22	7	180	810	-17	15	141	810	-17	9	149	810	-20	14	159
06	805	-22	9	163	806	-23	9	167	802	-22	11	141	817	-20	6	180	808	-17	17	141	811	-17	8	170	810	-20	12	170
09	805	-23	12	166	805	-24	9	166	803	-24	12	158	818	-21	6	180	807	-17	19	143	811	-18	8	155	810	-22	10	180
12	806	-27	11	180	805	-27	11	162	805	-26	10	180	818	-20	7	142	807	-18	16	141	811	-22	9	159	811	-25	9	167
15	806	-29	10	180	803	-28	11	170	807	-29	11	180	818	-19	7	141	807	-18	15	141	811	-23	10	159	811	-28	15	174
18	806	-30	11	180	802	-28	12	180	809	-30	10	162	816	-20	10	141	808	-19	12	141	811	-24	10	170	811	-28	11	180
21	806	-31	11	167	801	-27	14	155	811	-30	11	180	814	-19	10	143	809	-20	12	156	811	-23	11	180	811	-28	11	180

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -16.0 STD DEV = 6.2 MAX = -7.7 AT 328 GMT ON DAY 11 MIN = -30.7 AT 2015 GMT ON DAY 22
* PRESSURE (MB) * MEAN = 811.1 STD DEV = 6.6 MAX = 825.8 AT 1622 GMT ON DAY 10 MIN = 797.8 AT 1610 GMT ON DAY 16
* WINDS (M/S) * MEAN = 12.7 STD DEV = 4.1 RESULTANT = 11.8 FROM 143. CONSTANCY = .93 MAX = 25.4 FROM 127. AT 2241 GMT DAY 8
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .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:	0	1	3	10	9	22	20	14	9	7	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	5	9	49	17	18	0	0	0	0	0	0	0

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

MAR 83

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	808	-26	10	180	806	-25	14	166	812	-25	12	162	812	-17	12	141	817	-23	10	180	805	-28	11	172
03	810	-22	10	173	808	-24	11	179	807	-23	12	180	810	-22	14	180	813	-17	12	141	817	-20	9	180	805	-25	11	180
06	809	-20	9	180	808	-25	10	173	808	-22	12	166	809	-22	13	180	815	-17	12	141	815	-20	7	180	804	-24	9	180
09	808	-23	8	180	807	-25	11	180	810	-23	12	180	810	-22	13	160	816	-21	11	180	814	-23	7	167	803	-26	11	172
12	808	-26	9	180	806	-25	10	180	811	-26	12	166	810	-22	11	180	817	-23	12	180	813	-27	9	180	803	-30	11	180
15	807	-26	8	187	804	-26	14	180	812	-27	13	180	810	-22	11	180	818	-26	11	180	811	-29	10	180	803	-30	13	160
18	807	-26	8	194	803	-26	16	155	812	-27	13	180	811	-23	8	170	818	-26	11	180	808	-30	10	180	802	-30	11	180
21	807	-25	8	191	804	-27	13	165	813	-26	12	169	811	-21	9	141	818	-26	10	180	807	-30	10	169	802	-31	12	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	802	-29	13	158	799	-28	14	141	803	-23	14	170	808	-22	5	180	806	-27	10	170	803	-27	15	149	799	-28	11	170
03	802	-26	8	153	798	-25	17	152	803	-21	11	149	808	-19	3	180	806	-25	11	180	802	-25	13	170	799	-26	9	149
06	801	-26	10	161	798	-23	15	141	804	-20	14	152	807	-18	1	197	807	-23	9	180	801	-25	13	180	799	-25	8	180
09	802	-28	10	170	799	-24	15	141	806	-22	11	141	806	-23	7	180	806	-26	12	169	801	-27	11	169	798	-28	9	180
12	802	-31	15	155	800	-25	14	149	807	-23	11	141	806	-25	9	180	806	-27	11	163	800	-29	13	165	798	-31	10	169
15	801	-32	14	153	801	-24	12	148	807	-24	10	180	805	-26	9	180	805	-28	12	180	799	-29	13	180	798	-33	10	180
18	800	-31	13	170	801	-25	14	160	808	-23	8	158	805	-29	10	180	804	-28	14	170	799	-29	12	166	797	-33	10	180
21	800	-31	14	149	802	-25	15	141	808	-23	6	161	806	-29	10	174	804	-28	13	149	799	-29	13	180	797	-34	9	176
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	797	-31	10	180	790	-25	15	142	798	-34	13	167	793	-29	10	141	790	-26	20	180	807	-27	15	173	790	-29	10	172
03	798	-28	9	180	793	-23	13	141	798	-30	10	172	792	-29	10	146	791	-26	19	169	805	-24	12	180	789	-26	12	180
06	797	-27	10	141	795	-23	9	141	797	-29	11	180	791	-27	11	135	794	-26	19	163	804	-24	12	167	789	-27	11	180
09	797	-30	14	153	797	-26	8	161	797	-28	10	180	790	-27	10	141	794	-28	18	180	801	-26	11	162	790	-30	11	176
12	795	-32	13	141	798	-28	9	163	796	-29	11	180	790	-27	12	141	X	X	X	X	798	-27	11	180	791	-32	11	180
15	792	-31	18	146	798	-31	10	180	796	-30	10	166	789	-26	16	152	801	-29	19	172	795	-27	12	180	791	-33	12	170
18	790	-30	16	141	798	-34	10	180	795	-30	11	155	789	-26	15	141	804	-29	16	180	792	-29	11	180	791	-34	11	170
21	X	X	X	X	798	-36	11	180	794	-30	9	180	789	-26	17	156	806	-29	15	172	791	-30	14	169	792	-35	8	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	792	-31	9	180	X	X	X	X	791	-24	7	141	788	-15	9	128	802	-24	17	180	X	X	X	X	X	X	X	X
03	793	-28	7	180	798	-27	6	141	788	-23	9	141	789	-14	12	104	X	X	X	X	X	X	X	X	X	X	X	X
06	793	-28	7	161	799	-27	7	149	786	-21	9	141	792	-15	14	101	X	X	X	X	X	X	X	X	X	X	X	X
09	793	-30	7	141	799	-27	7	161	785	-20	7	122	795	-16	15	135	X	-25	18	180	X	X	X	X	X	X	X	X
12	794	-31	5	160	798	-26	7	153	785	-18	10	125	797	-21	17	145	X	X	X	X	816	-24	17	180	X	X	X	X
15	794	-33	8	170	797	-27	8	156	785	-17	9	138	797	-25	19	149	811	-26	19	180	816	-24	16	176	X	X	X	X
18	795	-33	9	161	795	-28	6	149	785	-16	9	141	798	-24	18	149	X	X	X	X	X	X	X	X	X	X	X	X
21	796	-32	8	152	793	-28	9	149	787	-15	10	135	800	-25	18	180	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	807	-20	19	141	X	X	X	X																
12	X	X	X	X	807	-20	20	141	X	X	X	X																
15	X	X	X	X	807	-19	18	141	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 = -25.9 STD DEV = 4.2 MAX = -13.7 AT 301 GMT ON DAY 25 MIN = -35.9 AT 2130 GMT ON DAY 16
* PRESSURE (MB) * MEAN = 801.1 STD DEV = 7.8 MAX = 817.8 AT 1744 GMT ON DAY 5 MIN = 784.5 AT 1625 GMT ON DAY 24
* WINDS (M/S) * MEAN = 11.5 STD DEV = 3.3 RESULTANT = 11.0 FROM 164. CONSTANCY = .96 MAX = 26.0 FROM 156. AT 2240 GMT DAY 18
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 17.7 % PRESSURE: 18.1 % 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:	0	0	1	9	20	31	17	11	4	5	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	1	19	25	53	1	0	0	0	0	0	0

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

APR 83

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	801	-25	15	170	816	-28	16	180	803	-26	7	179	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	803	-24	15	163	817	-27	13	180	800	-25	10	180	801	-28	10	360
06	X	X	X	X	X	X	X	X	X	X	X	X	804	-24	17	155	816	-28	11	170	799	-26	11	169	799	-29	17	180
09	X	X	X	X	X	X	X	X	X	X	X	X	806	-24	14	149	815	-27	14	162	X	X	X	X	799	-31	15	166
12	X	X	X	X	X	X	X	X	X	X	X	X	809	-23	15	149	814	-26	10	180	X	X	X	X	798	-31	14	167
15	X	X	X	X	X	X	X	X	X	X	X	X	811	-26	15	180	811	-27	8	180	801	-29	18	166	798	-32	17	180
18	X	X	X	X	X	X	X	X	X	X	X	X	813	-26	15	167	808	-28	7	180	X	X	X	X	798	-32	13	167
21	X	X	X	X	X	X	X	X	800	-26	16	170	815	-28	15	180	806	-24	5	173	X	X	X	X	799	-34	16	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	801	-34	15	180	X	X	X	X	799	-28	17	143	805	-28	14	143	806	-24	14	141	800	-27	16	180	X	X	X	X
03	802	-33	16	180	X	X	X	X	797	-26	16	141	807	-28	10	153	805	-23	16	132	800	-27	14	174	X	X	X	X
06	803	-34	15	180	X	X	X	X	X	X	X	X	809	-27	9	141	803	-22	16	139	800	-28	17	180	X	X	X	X
09	804	-36	19	180	X	-28	22	116	796	-26	19	141	809	-28	11	141	803	-22	15	141	800	-29	14	180	X	X	X	X
12	806	-35	19	179	807	-30	17	149	797	-28	17	152	810	-28	12	141	803	-24	13	141	799	-30	15	180	X	X	X	X
15	807	-35	20	169	805	-30	17	150	799	-28	16	161	810	-28	10	142	801	-26	15	148	798	-31	17	180	X	X	X	X
18	808	-36	18	180	805	-29	20	141	800	-29	14	170	808	-27	14	146	801	-27	15	162	798	-33	18	176	X	X	X	X
21	X	X	X	X	801	-28	17	139	803	-29	13	149	807	-25	14	141	800	-27	15	180	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	791	-31	17	156	X	X	X	X	X	X	X	X	X	X	X	X	798	-25	19	142
03	X	X	X	X	X	X	X	X	790	-31	16	180	X	X	X	X	X	X	X	X	X	X	X	X	801	-25	15	139
06	X	X	X	X	X	X	X	X	790	-31	17	170	X	X	X	X	X	X	X	X	X	X	X	X	801	-24	17	141
09	X	X	X	X	X	X	X	X	790	-30	19	156	X	X	X	X	X	X	X	X	X	X	X	X	804	-25	14	149
12	X	X	X	X	X	X	X	X	792	-29	15	149	X	X	X	X	X	X	X	X	X	X	X	X	805	-26	14	170
15	788	X	37	161	X	X	X	X	792	-28	17	149	X	X	X	X	X	X	X	X	797	-23	18	141	806	-27	15	163
18	794	-32	17	180	X	X	X	X	795	-28	17	149	X	X	X	X	X	X	X	X	X	X	X	X	806	-27	12	160
21	796	-31	16	158	X	X	X	X	797	-29	15	156	X	X	X	X	X	X	X	X	X	-24	18	135	807	-29	10	180
		DAY	29			DAY	30																					
00	807	-29	10	180	800	-28	13	180																				
03	806	-27	10	166	798	-28	14	180																				
06	806	-28	10	166	798	-29	15	167																				
09	806	-29	12	180	799	-30	15	180																				
12	806	-30	14	180	799	-31	15	180																				
15	806	-31	14	180	800	-32	16	180																				
18	805	-30	12	179	801	-33	15	180																				
21	803	-29	12	180	803	-32	15	158																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -28.2 STD DEV = 3.0 MAX = -22.0 AT 559 GMT ON DAY 12 MIN = -36.9 AT 808 GMT ON DAY 8

* PRESSURE (MB) * MEAN = 802.5 STD DEV = 5.9 MAX = 816.8 AT 445 GMT ON DAY 5 MIN = 787.7 AT 1500 GMT ON DAY 22

* WINDS (M/S) * MEAN = 14.9 STD DEV = 3.7 RESULTANT = 14.1 FROM 162. CONSTANCY = .95 MAX = 22.2 FROM 167. AT 1745 GMT DAY 8

* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 55.8 % PRESSURE: 56.3 % WINDS: 55.4 %

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:	0	0	1	2	7	7	16	31	25	8	2	0	0	1	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	21	31	47	0	0	0	0	0	0	0

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

MAY 83

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	815	-25	10	180	X	X	X	X	X	X	X	X	809	-31	15	180	805	-32	19	180	815	-34	19	180
03	809	-30	15	180	814	-24	10	180	797	-28	9	180	812	-29	15	170	807	-32	16	173	806	-32	19	172	817	-33	19	163
06	810	-28	15	166	812	-23	7	180	795	-31	11	180	816	-29	11	180	806	-31	16	180	808	-33	19	180	817	-32	18	180
09	813	-27	13	162	810	-23	5	173	794	-34	10	176	817	-31	12	180	805	-30	16	180	810	-33	18	180	819	-30	16	180
12	814	-27	12	174	807	-23	4	183	792	-34	13	176	818	-32	11	172	805	-30	17	180	811	-33	17	180	819	-29	17	172
15	815	-27	11	166	803	-26	7	191	792	-36	17	180	816	-31	13	165	805	-32	16	172	813	-34	16	180	819	-27	15	180
18	815	-28	11	180	801	-28	9	180	795	-33	20	180	814	-31	15	166	805	-31	19	173	813	-33	18	176	818	-28	15	180
21	815	-28	13	170	799	-29	10	187	800	-31	20	160	812	-32	14	180	805	-31	18	180	814	-34	21	180	817	-26	16	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	817	-25	17	167	811	-24	8	180	798	-30	15	170	799	-31	14	161	798	-26	15	141	799	-24	14	142	795	-30	12	149
03	816	-25	17	180	809	-24	7	180	797	-29	17	141	800	-30	13	149	796	-25	16	141	799	-24	12	141	795	-31	13	148
06	816	-26	17	179	807	-25	7	180	796	-30	16	149	801	-31	12	161	795	-26	15	141	798	-24	12	141	796	-32	10	141
09	815	-26	19	170	805	-24	8	163	796	-30	14	155	802	-29	12	152	794	-27	19	142	798	-25	11	180	797	-29	7	141
12	815	-26	16	180	804	-26	10	161	797	-31	16	156	802	-29	12	149	796	-27	16	142	796	-25	11	155	797	-27	9	141
15	814	-25	15	180	802	-27	12	161	797	-32	16	141	802	-28	12	141	795	-27	17	148	795	-26	15	146	797	-27	10	141
18	814	-26	13	180	801	-28	12	156	797	-31	16	141	801	-27	13	141	797	-24	15	141	795	-29	11	161	797	-27	12	138
21	813	-25	10	172	799	-30	14	152	798	-31	13	165	799	-26	16	142	798	-24	13	141	794	-29	12	149	796	-27	11	139
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	796	-26	12	141	796	-33	13	180	X	X	X	X	805	-27	15	146	X	X	X	X	792	-32	12	180	789	-26	20	142
03	795	-26	12	143	796	-34	15	180	X	X	X	X	X	X	X	X	X	X	X	X	793	-33	12	180	790	-26	18	141
06	795	-26	15	141	796	-35	16	177	X	X	X	X	807	-29	17	155	791	-28	28	150	792	-33	14	180	794	-27	15	170
09	795	-27	12	141	X	X	X	X	803	-30	17	152	809	-30	18	158	790	-28	22	141	791	-33	16	180	798	-28	15	160
12	795	-27	13	149	X	X	X	X	802	-27	22	142	X	X	X	X	X	X	X	X	791	-32	16	148	801	-29	13	167
15	796	-28	11	180	X	-36	14	180	801	-27	23	136	X	X	X	X	788	-28	17	161	790	-31	16	146	X	X	X	X
18	796	-29	12	163	801	-37	16	180	801	-27	25	141	X	X	X	X	789	-31	15	180	789	-30	19	141	804	-33	12	180
21	796	-32	13	172	802	-35	15	162	803	-26	19	141	X	X	X	X	791	-31	13	169	789	-28	17	148	804	-32	13	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	800	-36	11	180	805	-36	12	161	804	-38	12	180	821	-28	16	167	833	-25	15	169	831	-24	18	180
03	803	-31	14	162	800	-38	14	176	805	-36	13	155	805	-39	12	180	824	-26	16	180	834	-26	16	180	829	-24	19	180
06	802	-30	14	170	800	-40	11	180	804	-34	14	150	806	-36	12	180	825	-27	18	180	834	-24	19	180	828	-25	20	180
09	801	-31	13	180	801	-41	10	180	803	-35	14	180	808	-34	14	166	825	-28	15	360	835	-24	15	180	827	-24	18	180
12	801	-32	14	160	802	-40	10	180	802	-34	15	180	811	-32	14	180	828	-26	20	166	835	-24	17	174	826	-24	19	172
15	800	-33	14	159	803	-41	9	165	802	-33	16	180	814	-29	12	180	830	-26	18	180	834	-25	17	179	825	-23	18	180
18	800	-35	14	169	804	-40	11	159	802	-33	15	172	817	-28	15	180	830	-25	17	180	833	-25	18	180	824	-20	19	166
21	800	-37	14	180	805	-38	11	161	803	-35	12	179	819	-28	16	170	832	-26	17	180	831	-24	19	180	824	-22	20	180
		DAY	29			DAY	30			DAY	31																	
00	824	-20	19	150	829	-18	15	167	823	-27	9	184																
03	826	-18	16	180	829	-17	14	166	820	-25	9	181																
06	826	-18	18	180	829	-18	15	180	818	-27	8	180																
09	823	-18	24	180	829	-18	12	174	815	-27	8	180																
12	827	-16	14	180	829	-20	10	166	813	-23	7	181																
15	827	-17	17	167	827	-20	12	180	810	-24	7	180																
18	828	-17	15	180	826	-22	11	180	807	-26	7	180																
21	828	-17	14	167	825	-24	10	180	805	-23	7	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -28.4 STD DEV = 4.8 MAX = -15.5 AT 1631 GMT ON DAY 29 MIN = -41.0 AT 1355 GMT ON DAY 23
* PRESSURE (MB) * MEAN = 807.7 STD DEV = 12.2 MAX = 835.3 AT 928 GMT ON DAY 27 MIN = 788.0 AT 1453 GMT ON DAY 19
* WINDS (M/S) * MEAN = 14.3 STD DEV = 3.7 RESULTANT = 13.7 FROM 167. CONSTANCY = .96 MAX = 27.9 FROM 150. AT 701 GMT DAY 19
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 7.3 % PRESSURE: 7.7 % WINDS: 7.3 %

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:	0	0	1	5	5	14	19	24	15	12	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	0	16	25	58	0	0	0	0	0	0	0

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

JUN 83

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	801	-25	6	189	788	-28	12	149	809	-32	7	180	811	-26	4	180	808	-24	4	225	798	-36	12	173	799	-40	13	180
03	801	-23	6	187	790	-28	13	161	811	-31	6	180	810	-26	5	180	807	-24	4	189	797	-37	12	180	799	-40	12	179
06	797	-24	10	166	792	-28	13	158	812	-27	3	200	809	-25	5	180	805	-28	5	180	796	-38	13	180	801	-39	13	180
09	793	-22	10	141	795	-29	6	169	813	-23	4	225	809	-24	5	186	803	-27	7	180	796	-39	13	180	803	-39	12	180
12	791	-21	11	141	797	-31	6	180	814	-27	4	225	808	-24	5	193	802	-28	8	159	796	-39	13	174	805	-36	11	180
15	789	-23	12	141	800	-33	8	180	813	-27	4	180	808	-28	7	189	800	-30	10	180	796	-39	13	177	806	-32	9	166
18	788	-25	11	132	802	-35	10	197	812	-26	4	180	808	-29	6	218	799	-32	11	180	797	-40	13	174	806	-30	9	161
21	787	-26	13	141	805	-32	10	190	811	-24	5	187	808	-29	7	180	798	-34	11	180	797	-41	12	180	805	-29	11	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	805	-28	11	141	816	-22	12	131	811	-23	12	134	801	-27	12	180	X	X	X	X	786	-25	11	180	788	-22	8	135
03	805	-27	13	145	816	-22	16	131	810	-22	11	141	800	-27	12	180	791	-21	11	141	785	-27	12	180	789	-21	8	141
06	806	-26	12	141	814	-22	17	141	808	-21	12	138	799	-27	12	158	791	-22	13	128	785	-27	12	180	790	-21	6	141
09	807	-25	13	143	814	-23	16	141	807	-22	11	141	799	-26	13	156	790	-22	11	141	784	-27	12	167	791	-22	5	90
12	809	-25	10	141	813	-23	18	129	806	-22	11	141	798	-26	12	170	790	-21	11	141	785	-28	12	166	793	-23	4	111
15	811	-23	10	141	812	-23	16	141	805	-23	11	156	797	-26	12	149	789	-23	11	141	785	-28	12	180	795	-25	4	124
18	813	-23	10	138	812	-23	13	121	803	-25	11	141	795	-26	11	152	788	-24	12	141	786	-26	12	161	795	-25	5	90
21	814	-23	10	141	811	-23	14	141	802	-26	13	159	794	-23	10	143	787	-24	12	153	787	-23	11	141	796	-26	4	90
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	X	X	X	X	800	-38	13	180	816	-28	14	180	X	X	X	X	827	-21	15	169	829	-19	12	141	816	-17	16	141
03	794	-27	3	141	802	-35	17	183	816	-27	12	184	820	-25	9	167	827	-18	12	141	828	-19	12	141	814	-17	14	141
06	793	-32	7	149	806	-32	20	180	816	-26	13	180	819	-26	12	177	828	-17	9	141	827	-18	11	141	813	-21	16	141
09	792	-35	7	180	811	-32	20	180	817	-26	12	180	820	-26	10	180	828	-16	9	141	826	-17	12	134	811	-23	17	141
12	791	-36	8	169	813	-30	18	180	818	-26	14	180	820	-28	13	180	829	-16	11	148	824	-17	11	141	812	-23	15	138
15	791	-37	10	167	815	-28	17	198	819	-26	12	180	821	-28	19	180	829	-15	8	141	821	-16	14	141	811	-22	19	141
18	793	-37	11	159	816	-28	16	184	819	-26	10	167	823	-26	15	180	829	-16	7	141	819	-16	15	142	811	-21	16	141
21	797	-37	12	180	816	-28	14	194	820	-23	10	163	825	-24	16	165	828	-18	12	141	817	-17	13	141	814	-22	16	134
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	814	-23	15	141	815	-26	15	146	X	X	X	X	X	X	X	X	X	X	X	X	831	-18	14	166	809	-21	4	240
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	829	-18	15	180	804	-25	5	219
06	814	-27	13	116	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	828	-18	18	173	796	-25	8	225
09	815	-28	25	141	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	827	-18	18	172	790	-30	6	203
12	816	-29	20	141	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	826	-18	12	180	788	-33	17	180
15	816	-29	19	141	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	823	-17	10	180	789	-33	22	180
18	816	-28	16	141	X	X	X	X	X	X	X	X	X	X	X	X	830	-21	29	180	820	-21	6	180	791	-34	21	180
21	816	-27	17	141	X	X	X	X	X	X	X	X	X	X	X	X	832	-20	16	173	815	-20	5	212	791	-35	20	180
		DAY	29			DAY	30																					
00	796	-37	16	180	801	-34	16	141																				
03	797	-38	16	180	X	X	X	X																				
06	799	-39	13	180	X	X	X	X																				
09	800	-40	13	180	X	X	X	X																				
12	801	-41	12	172	800	-34	18	153																				
15	802	-41	12	180	801	-35	15	149																				
18	803	-37	15	162	803	-37	15	180																				
21	802	-35	15	141	806	-37	12	162																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -26.7 STD DEV = 6.3 MAX = -14.5 AT 1610 GMT ON DAY 19 MIN = -41.2 AT 1332 GMT ON DAY 29
* PRESSURE (MB) * MEAN = 806.1 STD DEV = 12.2 MAX = 833.3 AT 1847 GMT ON DAY 26 MIN = 784.4 AT 803 GMT ON DAY 13
* WINDS (M/S) * MEAN = 11.7 STD DEV = 4.3 RESULTANT = 10.9 FROM 161. CONSTANCY = .93 MAX = 24.2 FROM 172. AT 2009 GMT DAY 28
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 15.0 % PRESSURE: 15.0 % WINDS: 15.0 %

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	4	10	6	7	23	25	12	7	3	3	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	1	35	15	41	3	3	0	0	0	0	0

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

JUL 83

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	809	-36	12	180	803	-32	18	138	798	-34	19	152	798	-39	13	180	804	-39	13	180	809	-41	15	180	812	-36	14	180
03	809	-37	12	180	800	-32	14	134	797	-32	15	162	798	-40	12	181	804	-37	15	180	809	-41	16	180	811	-35	12	180
06	810	-36	12	180	X	X	X	X	797	-34	13	180	799	-40	14	180	805	-38	13	170	810	-39	15	169	807	-34	14	180
09	811	-36	12	169	798	-32	18	141	797	-33	13	180	799	-39	14	180	806	-36	12	166	812	-38	15	174	805	-34	11	183
12	811	-36	11	180	795	-33	22	146	796	-34	12	180	800	-38	14	170	807	-36	13	180	813	-39	12	180	801	-36	18	177
15	810	-37	12	166	796	-32	23	141	796	-37	12	167	801	-37	14	180	807	-38	13	180	811	-39	13	180	798	-38	19	180
18	809	-35	15	149	797	-34	17	170	797	-38	12	163	802	-36	13	163	807	-38	14	174	811	-39	15	180	795	-38	16	180
21	806	-34	17	142	797	-34	15	180	798	-38	13	180	803	-36	12	180	808	-39	12	177	811	-37	16	188	793	-39	16	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	791	-41	20	180	790	-37	16	180	790	-34	10	141	793	-30	15	141	X	X	X	X	X	X	X	X	X	X	X	X
03	790	-40	20	180	790	-40	15	180	790	-34	8	145	794	-30	15	135	X	X	X	X	X	X	X	X	X	X	X	X
06	790	-40	19	176	790	-40	14	180	790	-35	10	141	795	-30	14	141	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	791	-39	12	180	790	-35	11	141	798	-29	16	141	X	X	X	X	X	X	X	X	X	X	X	X
12	791	X	18	180	792	-38	9	180	791	-34	12	170	800	-28	14	129	X	X	X	X	X	X	X	X	X	X	X	X
15	794	-36	17	166	792	-37	12	170	791	-33	11	141	802	-27	14	141	X	X	X	X	X	X	X	X	X	X	X	X
18	794	-35	13	180	791	-36	11	156	790	-31	14	145	803	-27	18	127	X	X	X	X	X	X	X	X	X	X	X	X
21	793	-36	14	180	791	-35	11	152	791	-31	15	141	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	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	799	-44	14	167	794	-31	13	124																
03	X	X	X	X	801	-41	12	180	793	-31	15	141																
06	X	X	X	X	800	-38	15	166	793	-31	15	141																
09	X	X	X	X	799	-34	15	153	792	-30	13	141																
12	X	X	X	X	798	-31	13	134	790	-29	18	141																
15	X	X	X	X	795	-30	17	141	787	-28	20	139																
18	X	X	X	X	793	-30	17	141	784	-28	24	141																
21	796	-45	15	180	793	-30	13	117	781	-28	22	141																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.2 STD DEV = 3.8 MAX = -26.2 AT 1837 GMT ON DAY 11 MIN = -46.2 AT 2018 GMT ON DAY 29
* PRESSURE (MB) * MEAN = 798.7 STD DEV = 7.4 MAX = 812.6 AT 1159 GMT ON DAY 6 MIN = 779.6 AT 2324 GMT ON DAY 31
* WINDS (M/S) * MEAN = 14.5 STD DEV = 2.9 RESULTANT = 13.7 FROM 163. CONSTANCY = .95 MAX = 26.0 FROM 146. AT 2141 GMT DAY 31
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 59.3 % PRESSURE: 58.9 % WINDS: 58.9 %

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:	0	0	0	0	3	12	39	25	9	6	7	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	1	30	14	55	0	0	0	0	0	0	0

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

AUG 83

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	788	-31	12	141	793	-38	9	180	790	-37	15	169	801	-38	17	176	X	X	X	X	X	X	X	X
03	779	-28	21	141	789	-31	9	141	791	-37	9	180	791	-37	13	176	X	X	X	X	X	X	X	X	777	-37	12	180
06	X	-28	21	141	791	-33	10	141	789	-37	8	180	792	-39	14	180	X	X	X	X	X	X	X	X	776	-39	12	165
09	780	-29	19	141	793	-33	10	149	788	-37	7	155	793	-42	16	180	801	-38	7	180	X	X	X	X	775	-41	13	180
12	781	-30	17	149	794	-33	9	170	787	-38	11	180	794	-44	13	180	801	-34	16	180	X	X	X	X	775	-40	12	180
15	783	-30	14	141	796	-33	6	170	786	-36	13	166	796	-43	18	180	800	-33	18	169	X	X	X	X	776	-39	12	180
18	785	-31	15	152	796	-33	7	180	787	-36	16	180	798	-42	18	180	799	-34	17	150	X	X	X	X	777	-39	14	169
21	786	-31	11	149	795	-34	5	167	789	-36	16	180	799	-39	18	180	X	X	X	X	X	X	X	X	779	-39	12	166
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	781	-39	14	156	793	-33	12	148	786	-28	16	141	X	X	X	X	804	-33	11	180	809	-26	13	159	805	-23	10	120
03	782	-39	14	180	793	-31	14	141	786	-28	15	141	X	X	X	X	807	-31	12	190	807	-24	14	146	804	-23	11	120
06	783	-38	11	162	793	-31	14	141	785	-27	16	141	790	-24	9	141	810	-32	11	180	805	-23	13	141	804	-24	10	113
09	786	-38	13	156	793	-30	15	134	787	-27	14	141	X	X	X	X	813	-32	12	188	805	-23	12	141	804	-25	12	141
12	788	-38	12	160	791	-29	15	141	X	X	X	X	795	-25	9	180	815	-31	12	180	806	-22	11	132	804	-26	12	141
15	790	-37	12	180	789	-27	15	141	X	X	X	X	798	-26	5	173	815	-31	11	180	805	-22	9	141	804	-26	9	135
18	792	-36	13	149	787	-27	15	146	X	X	X	X	800	-32	8	180	814	-30	12	172	806	-22	9	120	804	-26	7	141
21	793	-35	13	158	X	X	X	X	788	-26	9	149	802	-33	12	184	812	-28	13	180	805	-22	12	135	804	-27	6	149
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	804	-28	5	180	X	X	X	X	787	-39	19	180	X	X	X	X	798	-37	15	167	X	X	X	X	804	-37	11	180
03	X	X	X	X	792	-35	12	180	788	-41	17	180	X	X	X	X	798	-36	14	180	X	X	X	X	804	-41	15	179
06	X	X	X	X	791	-35	11	166	X	X	X	X	X	X	X	X	798	-38	16	180	X	X	X	X	803	-40	12	180
09	X	X	X	X	790	-35	13	165	789	-43	19	158	797	-37	14	166	798	-39	15	180	X	X	X	X	803	-37	12	180
12	X	X	X	X	790	-35	13	180	791	-42	17	141	797	-37	13	165	798	-39	19	180	X	X	X	X	803	-37	11	180
15	X	X	X	X	789	-36	14	180	X	X	X	X	797	-37	13	180	798	-41	20	169	802	-36	17	163	803	-37	11	180
18	X	X	X	X	788	-37	14	180	X	X	X	X	797	-37	14	170	X	X	X	X	803	-35	15	180	803	-38	12	179
21	X	X	X	X	788	-39	16	162	X	X	X	X	797	-38	14	180	X	X	X	X	804	-35	14	166	804	-38	12	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	805	-39	12	190	819	-29	14	158	818	-21	14	141	804	-26	12	141	808	-30	13	180	823	-26	10	163	807	-28	15	169
03	806	-38	12	179	821	-29	12	152	814	-21	18	141	804	-25	13	141	810	-30	16	180	822	-25	9	180	808	-26	17	163
06	808	-38	11	184	823	-29	12	155	810	-21	21	141	804	-25	13	148	813	-30	14	161	820	-25	10	180	809	-27	16	180
09	809	-36	14	180	824	-28	9	180	806	-22	19	141	804	-26	12	152	816	-31	13	159	818	-23	10	148	811	-29	14	180
12	810	-31	15	160	824	-27	8	180	804	-22	18	141	805	-27	11	160	819	-30	12	159	815	-23	10	156	812	-30	16	176
15	810	-28	15	141	823	-23	6	165	802	-23	16	141	805	-29	11	180	822	-30	10	141	812	-23	13	162	813	-30	10	179
18	812	-28	14	146	822	-23	9	149	802	-23	14	125	805	-30	11	180	823	-29	9	141	809	-25	11	180	813	-30	11	184
21	816	-29	15	141	821	-21	12	136	802	-24	12	141	806	-30	10	166	823	-29	10	152	808	-26	14	180	814	-31	11	180
		DAY	29			DAY	30			DAY	31																	
00	815	-28	9	180	X	X	X	X	799	-34	14	180																
03	816	-27	10	181	808	-35	18	170	798	-35	12	165																
06	815	-27	13	180	806	-35	17	162	X	X	X	X																
09	815	-30	16	180	X	-35	13	180	797	-37	17	150																
12	816	-33	15	180	805	-33	17	141	799	-39	15	145																
15	815	-35	16	177	805	-33	11	161	800	-40	13	141																
18	813	-37	17	180	803	-33	15	163	801	-39	12	141																
21	813	-37	17	180	801	-34	15	170	802	-38	15	150																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -31.9 STD DEV = 5.7 MAX = -20.6 AT 2254 GMT ON DAY 23 MIN = -44.0 AT 1113 GMT ON DAY 4
* PRESSURE (MB) * MEAN = 800.9 STD DEV = 11.6 MAX = 824.2 AT 1027 GMT ON DAY 23 MIN = 775.1 AT 946 GMT ON DAY 7
* WINDS (M/S) * MEAN = 13.0 STD DEV = 3.2 RESULTANT = 12.4 FROM 163. CONSTANCY = .95 MAX = 26.7 FROM 128. AT 617 GMT DAY 24
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 17.7 % PRESSURE: 18.5 % 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:	0	0	2	4	9	22	25	22	10	4	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	0	0	0	2	24	26	48	0	0	0	0	0	0	0

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

SEP 83

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	804	-35	14	141	815	-28	15	141	801	-24	26	141	X	X	X	X	X	X	X	X	818	-25	21	181	824	-19	11	197
03	805	-34	13	141	815	-28	15	141	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	823	-17	12	197
06	807	-34	11	125	814	-27	17	141	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	823	-18	11	180
09	809	-32	13	127	X	X	X	X	804	-23	21	131	X	X	X	X	X	-28	25	360	826	-20	13	180	824	-21	9	180
12	810	-31	17	136	810	-26	21	141	X	X	29	135	X	X	X	X	808	-29	16	169	826	-19	13	189	825	-22	10	180
15	812	-30	13	124	X	X	22	141	802	-20	29	135	X	X	X	X	X	-28	21	180	826	-18	11	197	824	-22	10	184
18	813	-30	16	134	806	-26	21	120	X	X	X	X	X	X	X	X	X	X	X	X	825	-18	10	198	823	-22	10	183
21	814	-29	14	124	804	X	25	141	X	X	X	X	X	X	X	X	812	-26	20	180	825	-20	11	180	823	-23	9	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	823	-21	10	180	811	-19	9	170	788	-30	15	176	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	822	-19	10	176	808	-20	11	180	786	-29	16	173	X	X	X	X	X	X	X	X	X	X	X	X	799	-29	23	180
06	821	-20	9	173	805	-21	15	165	788	X	11	180	X	X	X	X	X	X	X	X	X	-28	17	170	X	X	X	X
09	820	-19	8	180	802	-24	15	162	X	X	X	X	X	X	X	X	X	X	X	X	803	-32	16	180	803	-28	14	138
12	819	-20	8	180	799	-25	15	180	788	-31	16	161	X	X	X	X	799	-31	15	152	X	X	X	X	807	-28	17	141
15	817	-20	9	141	796	-26	13	180	789	-30	16	161	X	X	X	X	X	X	X	X	796	-32	20	193	811	-28	17	139
18	815	-20	8	145	793	-28	15	180	789	-31	17	180	X	X	X	X	X	X	X	X	X	-31	25	180	813	-30	17	141
21	813	-20	9	159	790	-29	13	176	791	-33	23	191	X	X	X	X	X	X	X	X	798	-31	24	172	815	-31	14	141
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	817	-30	11	141	826	-21	12	141	816	-20	10	111	794	-23	5	180	795	-27	17	156	X	X	X	X	X	X	X	X
03	816	-29	11	149	827	-19	12	128	814	-20	10	141	793	-22	7	180	X	X	X	X	X	X	X	X	789	-32	15	180
06	817	-29	11	141	825	-19	10	122	811	-20	11	120	794	-24	7	163	793	-25	17	160	792	-27	16	170	784	-32	17	180
09	818	-30	11	141	823	-18	16	141	808	-21	10	141	794	-28	9	158	793	-26	19	153	792	-29	15	158	784	-35	17	170
12	820	-30	11	150	822	-18	15	135	804	-20	9	141	794	-30	11	170	X	X	X	X	791	-30	14	180	784	-35	19	180
15	822	-29	11	149	821	-18	16	122	800	-20	9	141	795	-29	13	141	X	X	X	X	790	-30	13	158	783	-37	15	169
18	824	-29	10	149	819	-19	11	117	797	-20	11	146	795	-28	15	141	X	X	X	X	X	X	X	X	784	-36	15	163
21	825	-28	11	141	818	-19	13	135	795	-22	6	158	795	-29	17	150	X	X	X	X	789	-32	14	180	785	-36	15	158
		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	-20	4	19
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	794	-22	21	132
12	X	X	X	X	X	X	X	X	X	X	31	27	X	X	X	X	X	X	X	X	X	X	X	X	791	-22	19	141
15	X	X	X	X	X	X	X	X	794	-23	21	141	X	X	X	X	X	X	X	X	X	X	X	X	788	-23	22	141
18	X	X	X	X	X	X	X	X	793	-26	19	141	X	X	X	X	X	X	X	X	X	X	X	X	788	-23	20	141
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	787	-23	25	132
		DAY	29			DAY	30																					
00	786	-24	24	139	786	-27	13	141																				
03	786	-24	17	141	785	-27	14	141																				
06	786	-24	16	141	785	-28	13	141																				
09	787	-25	14	141	784	-30	12	141																				
12	788	-26	13	149	783	-31	14	141																				
15	787	-27	16	145	781	-33	16	152																				
18	787	-27	13	141	779	-35	15	153																				
21	786	-28	12	141	778	-36	15	180																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.9 STD DEV = 5.1 MAX = -16.6 AT 448 GMT ON DAY 7 MIN = -37.4 AT 1438 GMT ON DAY 21
* PRESSURE (MB) * MEAN = 803.5 STD DEV = 14.4 MAX = 826.8 AT 159 GMT ON DAY 16 MIN = 777.6 AT 2109 GMT ON DAY 30
* WINDS (M/S) * MEAN = 14.7 STD DEV = 5.0 RESULTANT = 13.1 FROM 154. CONSTANCY = .89 MAX = 33.5 FROM 172. AT 1906 GMT DAY 13
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 42.1 % PRESSURE: 43.3 % WINDS: 40.0 %

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	1	1	3	8	21	13	22	12	3	11	4	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	1	1	0	0	0	4	42	17	32	3	0	0	0	0	0	0

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

OCT 83

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	785	-31	12	180	791	-26	2	360	776	-39	16	180
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	787	-29	10	161	789	-26	6	270	775	-33	16	180
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	789	-28	10	160	787	-29	4	225	776	-33	13	170
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	792	-30	7	162	786	-34	6	225	777	-34	14	165
12	X	X	X	X	X	X	X	X	X	X	X	X	782	-29	15	141	794	-32	6	180	784	-37	9	181	778	-35	11	163
15	X	X	X	X	X	X	X	X	X	X	X	X	781	-31	13	141	794	-34	5	180	782	-38	9	180	779	-37	12	181
18	X	X	X	X	X	X	X	X	X	X	X	X	782	-32	11	141	794	-35	6	188	779	-40	12	180	781	-42	12	180
21	X	X	X	X	X	X	X	X	X	X	X	X	783	-33	12	170	793	-32	5	180	X	X	X	X	781	-43	12	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	781	-40	12	179	784	-35	12	146	784	-37	15	172	791	-35	12	180	795	-30	10	158	X	X	X	X	X	X	X	X
03	781	-35	9	180	785	-32	10	162	784	-37	17	180	791	-34	9	184	793	-26	14	141	X	X	X	X	X	X	X	X
06	781	-33	8	180	785	-32	9	180	X	X	X	X	790	-33	12	177	792	-25	14	138	X	X	X	X	X	X	X	X
09	782	-36	11	180	784	-38	12	180	783	-38	17	180	792	-34	10	180	790	-25	15	141	X	X	X	X	X	-25	21	180
12	782	-40	11	166	784	-39	12	180	784	-35	17	180	794	-37	11	180	790	-27	12	150	X	X	X	X	808	-31	18	163
15	782	-41	12	166	784	-39	11	173	786	-35	17	167	795	-39	12	180	790	-28	18	150	X	X	X	X	808	-33	19	180
18	782	-40	12	180	784	-41	17	181	789	-35	14	163	795	-39	12	172	X	X	X	X	X	X	X	X	807	-31	17	165
21	783	-38	12	170	785	-40	16	180	790	-36	12	170	795	-36	11	169	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	816	-27	16	152	817	-28	13	156	807	-27	15	180	792	-32	13	170	788	-31	10	111
03	X	X	X	X	X	X	X	X	817	-25	13	166	817	-25	11	165	805	-26	14	155	791	-29	12	141	788	-29	10	111
06	X	X	X	X	X	X	X	X	817	-24	12	180	816	-25	14	149	803	-25	13	158	790	-28	13	148	789	-28	10	108
09	X	X	X	X	X	X	X	X	817	-26	12	180	815	-27	13	161	801	-27	14	180	790	-32	12	152	790	-28	10	111
12	X	X	X	X	815	-28	17	180	818	-29	14	159	814	-29	14	180	800	-31	13	180	788	-33	12	141	792	-27	9	141
15	X	X	X	X	812	-29	15	149	817	-31	14	180	813	-30	16	159	797	-36	16	180	787	-34	11	141	792	-28	10	141
18	X	X	X	X	814	-29	13	149	817	-32	15	159	811	-31	14	180	795	-37	17	170	787	-35	8	127	794	-29	10	141
21	X	X	X	X	815	-28	14	180	817	-30	14	180	809	-30	15	170	793	-37	15	180	786	-34	10	128	796	-29	8	136
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	798	-27	7	132	789	-26	13	118	789	-28	9	141	791	-28	11	141	796	-24	7	153	791	-25	10	142	X	X	X	X
03	799	-25	7	141	787	-25	12	141	789	-27	8	141	792	-25	8	136	797	-22	6	132	788	-23	15	146	X	X	X	X
06	800	-24	5	141	786	-26	12	141	789	-26	6	141	792	-24	7	141	798	-22	5	141	787	-22	14	141	X	X	X	X
09	800	-25	3	114	787	-26	12	141	790	-29	4	180	792	-26	7	149	799	-25	5	180	786	-23	15	141	X	X	X	X
12	799	-27	4	141	787	-27	13	136	791	-33	8	180	793	-30	6	149	799	-29	8	165	786	-26	14	170	X	X	X	X
15	796	-28	6	141	787	-28	12	141	791	-34	9	162	793	-31	5	145	798	-31	9	180	784	-30	14	159	781	-26	13	143
18	793	-28	10	141	787	-29	13	138	790	-33	10	170	793	-30	7	141	796	-31	12	162	X	X	X	X	783	-26	12	143
21	790	-27	13	141	788	-30	10	141	790	-31	12	143	794	-28	7	170	794	-29	12	180	X	X	X	X	785	-25	10	148
		DAY	29			DAY	30			DAY	31																	
00	787	-23	10	141	794	-24	10	141	791	-25	10	166																
03	790	-22	9	111	793	-23	10	141	790	-23	9	180																
06	791	-23	7	101	793	-24	10	141	790	-23	9	180																
09	793	-25	2	100	793	-26	12	153	790	-25	7	167																
12	793	-28	6	141	793	-27	10	149	789	-29	11	165																
15	793	-30	7	141	792	-28	11	161	789	-32	11	180																
18	793	-29	7	125	792	-29	10	180	788	-34	10	180																
21	794	-27	9	129	791	-29	9	166	788	-32	10	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -30.1 STD DEV = 4.9 MAX = -2.0 AT 1426 GMT ON DAY 31 MIN = -43.0 AT 2014 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 792.6 STD DEV = 9.9 MAX = 817.8 AT 1147 GMT ON DAY 17 MIN = 775.0 AT 1442 GMT ON DAY 28
* WINDS (M/S) * MEAN = 11.1 STD DEV = 3.5 RESULTANT = 10.4 FROM 161. CONSTANCY = .94 MAX = 21.1 FROM 167. AT 1519 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 25.4 % PRESSURE: 25.8 % WINDS: 25.4 %

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	1	6	12	13	25	22	12	7	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	1	4	30	24	39	0	1	0	1	0	0	0

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

NOV 83

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	-27	8	180	792	-30	11	180	797	-28	10	180	794	-26	9	161	797	-22	11	141	803	-22	11	163	809	-19	7	180
03	788	-25	7	180	792	-27	10	148	797	-25	9	165	794	-24	8	149	798	-21	11	142	803	-17	9	166	810	-15	7	180
06	788	-25	7	180	793	-26	12	141	797	-24	9	180	794	-23	9	155	798	-20	10	143	804	-17	7	180	812	-15	6	180
09	789	-28	7	180	793	-27	12	141	797	-26	9	180	795	-25	8	180	800	-21	10	149	805	-20	7	181	814	-18	5	180
12	789	-32	10	170	795	-29	10	141	797	-29	8	170	796	-27	9	180	801	-24	9	160	806	-24	8	180	816	-20	7	180
15	789	-34	12	176	796	-31	9	155	796	-32	8	180	797	-27	9	141	802	-25	9	180	807	-25	8	184	818	-22	5	180
18	790	-35	10	180	796	-33	9	180	795	-33	9	170	797	-26	10	150	802	-26	9	180	807	-26	7	190	819	-23	6	177
21	790	-33	10	180	796	-31	9	160	795	-31	9	180	797	-25	11	141	803	-25	10	180	808	-23	7	180	820	-21	5	170
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	821	-16	2	141	821	-16	12	131	811	-15	18	139	806	-14	15	141	806	-15	15	141	808	-18	12	141	803	-19	12	129
03	821	-14	4	90	820	-15	15	141	809	-14	18	141	806	-12	13	139	806	-14	13	136	807	-16	10	143	803	-18	13	141
06	822	-15	5	111	818	-15	15	141	808	-14	19	141	805	-12	16	141	807	-15	15	152	807	-16	11	145	802	-18	11	131
09	822	-15	6	113	817	-15	20	131	808	-15	18	141	805	-14	14	141	807	-16	13	141	807	-18	9	135	802	-20	14	145
12	823	-16	9	111	816	-17	18	132	808	-16	19	136	805	-17	14	141	808	-20	12	161	806	-20	10	141	802	-22	14	149
15	822	-17	9	135	815	-16	19	141	807	-17	19	143	805	-18	15	146	807	-22	15	152	805	-21	12	141	801	-26	13	170
18	822	-17	11	141	813	-16	17	141	807	-18	17	141	805	-18	19	143	808	-23	11	155	804	-21	12	141	801	-27	14	170
21	822	-18	10	122	812	-16	16	134	807	-17	14	141	806	-18	18	141	808	-22	13	155	804	-21	13	141	800	-26	16	156
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	800	-23	13	149	X	X	X	X	794	-23	12	170	800	-22	10	134	801	-22	10	155	X	X	X	X	807	-20	8	141
03	801	-20	12	141	800	-21	12	141	793	-19	11	170	802	-20	8	141	801	-20	9	149	804	-19	8	148	807	-18	9	122
06	802	-20	13	141	799	-20	13	141	793	-19	10	141	803	-20	7	141	800	-19	9	161	X	X	X	X	806	-17	7	125
09	802	-21	10	141	799	-21	11	141	793	-20	7	158	803	-21	7	148	X	X	X	X	805	-19	7	141	805	-18	8	141
12	803	-25	11	149	799	-26	14	158	794	-24	9	155	804	-25	7	141	X	X	X	X	806	-24	8	180	804	-19	12	141
15	802	-27	14	155	X	X	X	X	795	-26	12	161	803	-27	7	158	800	-26	11	163	806	-26	9	165	804	-19	11	111
18	801	-28	12	149	795	-28	12	180	796	-27	11	180	802	-28	10	170	801	-27	11	170	806	-27	8	167	805	-19	8	105
21	X	X	X	X	795	-26	13	180	798	-26	10	159	802	-25	10	141	801	-24	13	170	807	-25	9	161	806	-18	10	113
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	806	-17	9	135	799	-16	13	330	809	-17	4	250	797	-20	7	141	794	-21	7	180	795	-22	11	141	799	-18	9	149
03	803	-16	15	141	803	-15	13	301	808	-15	6	260	796	-18	6	141	794	-19	6	180	794	-20	11	141	801	-16	5	135
06	800	-17	15	122	806	-14	10	289	807	-14	5	270	795	-17	4	141	795	-18	6	189	793	-19	10	141	802	-15	3	141
09	796	-16	19	118	808	-14	6	301	806	-17	2	284	795	-19	2	180	796	-20	6	180	793	-19	10	124	803	-16	0	0
12	795	-16	17	141	809	-16	7	309	804	-22	3	232	795	-25	4	193	797	-24	7	180	793	-20	10	141	803	-18	2	181
15	793	-15	13	111	809	-18	5	280	802	-27	4	203	794	-28	6	180	798	-27	9	180	793	-21	11	141	802	-21	5	180
18	794	-13	4	45	809	-22	5	225	800	-29	6	180	794	-29	7	180	797	-28	10	180	794	-21	10	136	801	-24	7	169
21	797	-16	7	359	809	-21	5	225	799	-25	6	180	794	-26	7	180	796	-25	11	153	797	-21	10	141	801	-24	7	180
		DAY	29			DAY	30																					
00	800	-20	7	160	799	-21	5	180																				
03	800	-17	5	165	798	-17	3	141																				
06	800	-15	2	195	X	X	X	X																				
09	800	-18	3	225	799	-16	0	0																				
12	800	-23	5	225	799	-24	4	141																				
15	800	-27	6	190	799	-23	9	141																				
18	800	-29	7	177	799	-24	10	142																				
21	799	-26	6	180	799	-23	13	136																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -21.2 STD DEV = 4.9 MAX = -.8 AT 2207 GMT ON DAY 11 MIN = -35.0 AT 1648 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 802.2 STD DEV = 7.4 MAX = 822.9 AT 1041 GMT ON DAY 8 MIN = 787.8 AT 59 GMT ON DAY 1
* WINDS (M/S) * MEAN = 9.5 STD DEV = 4.1 RESULTANT = 8.3 FROM 153. CONSTANCY = .88 MAX = 24.0 FROM 142. AT 1320 GMT DAY 10
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 3.3 % PRESSURE: 3.3 % WINDS: 3.3 %

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:	3	5	12	16	21	20	11	7	3	3	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	5	38	18	30	1	2	0	1	2	0	0

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

DEC 83

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	799	-21	12	131	802	-18	14	135	795	-17	12	132	798	-17	12	170	803	-14	7	141	804	-13	18	141	798	-16	18	143
03	799	-20	15	141	802	-17	12	141	794	-15	13	141	797	-17	12	180	804	-12	8	120	803	-12	19	129	799	-15	16	136
06	799	-19	15	132	802	-17	11	141	795	-13	9	141	797	-17	13	161	805	-11	8	101	802	-11	19	141	800	-14	16	134
09	799	-20	16	135	801	-18	11	142	796	-14	6	131	798	-17	10	161	806	-12	4	101	801	-12	20	128	801	-15	13	141
12	800	-22	14	141	800	-20	8	141	797	-17	8	150	798	-20	10	159	807	-12	7	90	801	-13	20	141	802	-16	15	135
15	800	-22	16	141	798	-19	9	141	797	-18	8	159	798	-21	10	149	807	-12	9	118	X	X	X	X	803	-18	10	141
18	801	-22	13	141	797	-18	11	141	797	-18	9	141	799	-21	7	149	806	-13	13	141	798	-17	21	146	803	-19	12	141
21	802	-20	14	145	796	-19	11	134	797	-19	13	149	801	-18	6	141	805	-13	15	142	799	-17	18	141	804	-20	12	149
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	804	-18	10	145	811	-12	5	90	812	-15	8	141	812	-17	13	141	814	-15	7	165	808	-17	19	134	X	X	X	X
03	804	-16	13	149	812	-10	3	45	815	-13	4	180	811	-15	12	141	813	-13	6	141	X	X	X	X	X	X	X	X
06	805	-16	12	142	812	-9	3	45	816	-11	5	224	812	-14	11	141	813	-12	5	141	X	X	X	X	X	X	X	X
09	805	-17	11	141	812	-11	3	55	817	-12	3	225	812	-15	6	158	813	-14	6	141	X	X	X	X	X	X	X	X
12	806	-19	11	141	811	-12	5	90	818	-17	3	180	813	-20	5	176	813	-17	9	139	X	X	X	X	X	X	X	X
15	807	-19	9	150	809	-12	9	90	818	-21	6	180	813	-23	8	180	811	-20	14	139	X	X	X	X	X	X	X	X
18	808	-18	8	141	809	-16	12	122	816	-21	11	149	813	-23	8	180	809	-19	14	141	X	X	X	X	X	X	X	X
21	810	-14	7	114	810	-17	12	141	814	-20	15	152	813	-22	8	167	809	-17	17	141	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	X	X	X	X	821	-7	4	141	820	-8	5	180	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	821	-6	3	141	818	-5	3	141	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	821	-3	0	0	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	822	-6	2	218	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	822	-12	4	187	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	821	-15	5	180	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	821	-17	7	180	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	821	-13	6	180	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 = -15.7 STD DEV = 4.1 MAX = 1.9 AT 704 GMT ON DAY 26 MIN = -23.5 AT 1656 GMT ON DAY 11
* PRESSURE (MB) * MEAN = 806.4 STD DEV = 7.7 MAX = 821.7 AT 1136 GMT ON DAY 26 MIN = 785.4 AT 418 GMT ON DAY 21
* WINDS (M/S) * MEAN = 10.1 STD DEV = 4.7 RESULTANT = 9.6 FROM 142. CONSTANCY = .95 MAX = 19.3 FROM 134 AT 2331 GMT DAY 12
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 57.3 % PRESSURE: 57.3 % WINDS: 57.3 %

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	9	11	12	14	14	17	8	6	3	3	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	3	0	6	4	57	15	12	0	3	0	0	0	0	0

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

JAN 83

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	1001	-5	1	182	995	-2	0	0	991	-6	2	180	981	-3	5	180	981	-6	5	182	988	-3	6	218	998	-2	6	237
03	1000	-5	2	166	994	-1	0	0	990	-6	3	191	980	-3	5	244	980	-5	3	218	990	-3	6	218	997	-2	6	218
06	999	-5	0	0	993	-4	1	273	989	-7	3	231	980	-3	3	224	979	-5	3	314	992	-3	3	218	997	-3	5	218
09	998	-4	0	0	993	-6	1	102	987	-7	3	270	980	-5	4	225	979	-6	4	359	993	-2	2	244	997	-3	4	225
12	997	-6	0	0	993	-7	0	0	986	-9	4	279	980	-5	6	218	980	-4	3	295	994	-2	5	256	998	-3	2	235
15	996	-6	0	0	992	-9	3	180	984	-8	4	218	980	-5	7	234	981	-3	2	295	995	-4	6	244	997	-6	1	218
18	996	-6	1	165	992	-9	2	145	983	-6	5	211	980	-5	7	218	983	-2	3	284	996	-2	6	218	997	-3	0	0
21	996	-7	3	194	992	-7	2	180	982	-5	3	211	981	-6	7	216	985	-2	5	269	997	-3	6	225	997	-3	2	134
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	997	-2	2	171	997	-4	4	235	993	-2	3	31	994	-7	6	180	992	-4	1	218	983	-6	3	163	983	-9	9	218
03	997	-2	3	191	997	-3	5	256	992	-2	4	23	993	-4	6	211	991	-4	2	270	981	-4	3	180	984	-9	9	218
06	997	-3	3	182	997	-3	5	303	992	-2	1	3	994	-4	6	209	990	-3	2	3	980	-6	3	180	985	-9	7	225
09	997	-5	5	199	996	-5	2	333	991	-4	1	185	994	-6	7	227	988	-6	5	360	979	-10	4	171	986	-9	5	218
12	997	-5	4	218	995	-5	3	360	992	-8	5	180	994	-7	5	218	987	-7	3	39	979	-13	5	180	988	-7	6	235
15	997	-6	7	237	995	-5	3	20	992	-9	5	180	993	-7	4	218	985	-10	2	7	979	-14	5	211	988	-7	6	218
18	997	-6	6	218	994	-8	2	34	993	-9	5	196	993	-7	3	209	984	-9	1	16	980	-12	8	232	989	-5	5	218
21	997	-5	6	224	994	-3	0	0	993	-6	5	180	992	-5	2	218	983	-6	1	34	981	-10	10	218	989	-7	2	217
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	989	-5	1	138	985	-8	6	227	991	-7	7	218	X	X	25	295	986	-4	0	0	992	-8	0	0	999	-8	0	0
03	987	-4	3	39	986	-10	8	199	991	-5	2	228	987	-4	5	331	987	-6	3	210	992	-7	2	303	999	-7	0	0
06	985	-5	4	39	987	-9	7	211	990	-6	2	303	986	-5	3	356	987	-7	2	210	993	-7	1	270	998	-8	1	16
09	983	-6	4	44	988	-8	7	218	988	-8	0	0	985	-7	3	360	988	-9	0	0	994	-9	1	269	997	-9	3	20
12	982	-10	3	58	989	-9	5	227	988	-11	2	351	985	-10	2	360	989	-12	0	0	995	-12	1	230	997	-9	4	360
15	982	-12	1	63	989	-8	10	230	987	-13	1	307	985	-11	1	353	990	-12	0	0	997	-17	2	100	995	-10	4	24
18	982	-7	0	0	991	-7	8	218	988	-10	1	234	985	-11	0	0	990	-12	0	0	998	-16	0	0	995	-10	3	360
21	983	-9	3	179	991	-7	6	218	988	-9	2	303	986	-6	1	148	991	-7	0	0	999	-11	0	0	994	-8	3	31
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	994	-6	2	104	995	-11	6	235	989	-10	3	186	983	-10	0	0	988	-11	3	180	998	-8	4	218	1002	-10	3	39
03	993	-6	3	128	993	-9	8	218	988	-9	2	180	982	-7	0	0	989	-9	3	172	998	-7	4	213	1001	-8	3	16
06	993	-7	3	137	993	-9	8	218	987	-9	0	0	982	-8	1	39	990	-9	1	180	999	-7	2	197	1001	-9	3	27
09	994	-10	6	155	993	-9	6	204	987	-11	1	273	982	-11	1	39	992	-7	0	0	1000	-8	2	168	1000	-9	3	16
12	995	-12	6	169	992	-10	5	192	986	-15	0	0	983	-13	2	30	993	-15	1	270	1000	-9	0	0	999	-14	1	52
15	995	-13	6	180	991	-11	2	224	985	-18	1	355	984	-15	1	44	994	-14	1	280	1001	-11	2	39	999	-11	3	39
18	996	-12	5	180	990	-11	2	218	984	-16	1	360	985	-14	0	0	995	-12	2	310	1001	-11	1	52	999	-10	2	39
21	996	-13	5	211	990	-13	2	214	983	-14	1	303	987	-13	0	0	997	-8	0	0	1002	-10	2	39	998	-9	2	81
		DAY	29			DAY	30			DAY	31																	
00	998	-9	3	90	1000	-13	8	180	998	-13	2	180																
03	998	-8	3	90	1000	-13	7	180	998	-13	3	142																
06	997	-7	2	90	999	-12	4	163	998	-13	2	138																
09	997	-7	1	134	999	-13	3	185	998	-14	2	128																
12	997	-10	3	154	998	-13	0	0	999	-13	0	0																
15	998	-10	4	162	997	-14	1	163	1000	-14	2	134																
18	999	-11	5	180	997	-13	3	138	1001	-14	2	142																
21	1000	-14	8	172	998	-13	2	154	1002	-13	2	189																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -7.9 STD DEV = 3.6 MAX = 1.4 AT 734 GMT ON DAY 10 MIN = -18.4 AT 1504 GMT ON DAY 24
* PRESSURE (MB) * MEAN = 991.4 STD DEV = 6.3 MAX =1002.2 AT 2342 GMT ON DAY 31 MIN = 978.6 AT 1331 GMT ON DAY 13
* WINDS (M/S) * MEAN = 3.2 STD DEV = 2.7 RESULTANT = 1.7 FROM 215. CONSTANCY = .53 MAX = 12.2 FROM 234. AT 2122 GMT DAY 13
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: .4 % 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:	38	31	16	12	3	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	6	7	1	2	1	6	5	16	8	26	3	5	4	1	1

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

FEB 83

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	1006	-15	5	207	1004	-15	2	303	999	-11	4	360	1007	-9	1	94	1002	-6	0	0	1008	-16	4	180
03	1002	-12	4	154	1005	-15	6	209	1003	-12	2	248	999	-8	2	10	1007	-7	2	63	1001	-6	0	0	1008	-15	2	196
06	1003	-12	4	134	1005	-15	3	180	1003	-12	1	283	999	-7	2	31	1008	-6	0	0	1002	-10	3	142	1008	-16	3	180
09	1003	-14	2	141	1005	-17	1	303	1002	-15	0	0	1000	-8	2	360	1008	-8	1	23	1003	-17	5	179	1008	-18	1	252
12	1004	-14	3	148	1004	-19	0	0	1002	-15	1	343	1001	-8	2	360	1008	-12	2	360	1005	-21	2	180	1008	-20	0	0
15	1005	-14	3	158	1004	-19	2	246	1001	-20	1	44	1002	-7	3	360	1007	-14	2	360	1006	-20	3	192	1007	-19	0	0
18	1005	-14	3	180	1004	-20	2	218	1000	-14	4	17	1004	-8	2	344	1006	-12	2	37	1007	-18	5	180	1007	-16	0	0
21	1006	-15	5	211	1005	-17	1	253	1000	-12	2	343	1006	-11	2	148	1004	-9	2	360	1008	-18	5	207	1006	-15	1	72
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	1005	-16	3	90	1004	-16	3	178	1005	-14	5	218	995	-12	3	225	981	-14	7	182	989	-20	5	180	997	-17	0	0
03	1004	-15	3	39	1004	-15	3	180	1005	-13	3	270	992	-11	4	239	981	-17	6	173	990	-20	5	197	997	-15	0	0
06	1003	-14	4	71	1005	-18	3	224	1005	-12	3	218	991	-13	2	253	982	-18	5	156	991	-18	7	192	996	-17	1	37
09	1002	-14	3	90	1005	-20	3	283	1005	-14	2	244	988	-18	3	270	983	-21	3	180	993	-18	6	216	996	-19	3	27
12	1002	-15	5	137	1005	-24	3	287	1003	-20	3	296	987	-18	3	280	984	-23	3	180	994	-17	7	218	996	-18	4	29
15	1002	-15	5	134	1005	-24	3	270	1001	-17	5	293	984	-20	0	0	985	-25	3	203	995	-18	5	199	995	-16	5	360
18	1003	-16	4	134	1005	-21	3	270	999	-16	2	218	983	-17	2	236	987	-23	5	176	996	-22	1	185	995	-13	5	360
21	1003	-17	5	158	1005	-17	5	245	997	-13	1	226	982	-15	3	224	988	-23	5	180	997	-19	0	0	994	-12	6	30
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	994	-12	7	39	990	-15	9	180	991	-18	5	262	985	-19	10	221	983	-22	3	107	984	-20	6	187	988	-25	7	182
03	993	-11	7	52	990	-16	10	216	990	-18	3	244	985	-17	8	211	983	-19	3	120	984	-20	7	179	988	-27	8	189
06	993	-11	6	39	990	-16	7	218	991	-20	2	270	985	-17	6	211	982	-18	6	134	984	-20	3	134	988	-27	7	199
09	992	-13	6	65	990	-19	2	254	990	-22	2	218	986	-17	4	221	983	-18	6	134	985	-21	0	0	988	-27	6	180
12	992	-13	3	90	990	-16	6	239	990	-24	3	173	986	-25	2	159	983	-17	6	138	985	-24	2	218	988	-24	6	182
15	991	-13	3	90	990	-17	7	218	989	-22	1	180	986	-29	0	0	983	-18	4	149	986	-27	0	0	987	-27	5	180
18	990	-13	1	119	990	-18	8	231	988	-27	4	218	985	-29	1	39	984	-20	5	180	986	-26	1	213	987	-29	3	179
21	990	-13	3	169	990	-18	6	224	987	-24	6	234	984	-27	2	104	984	-20	3	180	987	-22	1	182	987	-30	2	191
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	988	-28	5	182	986	-26	1	355	989	-24	1	6	997	-21	12	218	992	-19	8	173	990	-21	11	211	989	-25	7	197
03	988	-27	3	154	985	-24	0	0	989	-18	3	66	997	-22	11	211	990	-18	8	180	990	-21	12	206	988	-25	7	196
06	987	-26	3	162	984	-26	1	104	990	-16	4	63	997	-21	12	211	989	-18	6	180	990	-22	10	180	988	-26	5	180
09	987	-26	1	207	983	-26	2	123	992	-16	4	33	997	-20	9	180	989	-19	6	192	991	-23	8	180	988	-29	4	180
12	987	-30	2	283	984	-26	2	191	993	-17	5	142	996	-21	7	200	988	-19	8	180	991	-23	7	201	987	-35	1	180
15	987	-32	2	303	984	-31	1	166	994	-19	6	180	995	-21	8	180	988	-19	8	185	990	-25	7	203	986	-35	3	175
18	986	-31	0	0	985	-30	0	0	995	-19	11	204	994	-21	7	180	989	-21	9	180	990	-25	6	180	985	-36	2	236
21	986	-29	1	314	987	-27	0	0	996	-20	12	218	993	-20	8	173	989	-21	11	203	989	-26	6	180	984	-32	0	0

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -18.7 STD DEV = 5.9 MAX = -3.8 AT 334 GMT ON DAY 6 MIN = -35.7 AT 1758 GMT ON DAY 28
* PRESSURE (MB) * MEAN = 994.2 STD DEV = 8.1 MAX =1008.6 AT 637 GMT ON DAY 7 MIN = 980.9 AT 28 GMT ON DAY 12
* WINDS (M/S) * MEAN = 4.0 STD DEV = 2.8 RESULTANT = 2.4 FROM 191. CONSTANCY = .60 MAX = 14.2 FROM 211. AT 49 GMT DAY 25
* 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	33	17	17	3	4	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	4	3	2	3	5	5	27	13	12	5	3	4	0	1

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

MAR 83

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	-29	0	0	982	-27	0	0	992	-19	14	214	1001	-20	2	218	996	-20	1	134	990	-28	4	239	979	-20	5	244
03	982	-28	1	283	983	-26	2	163	994	-18	12	211	1001	-20	1	224	995	-21	4	199	988	-28	2	253	981	-22	0	0
06	980	-27	1	318	983	-26	3	158	995	-19	11	203	1000	-20	0	0	995	-23	6	211	986	-29	1	274	983	-26	8	199
09	980	-30	3	303	983	-22	6	148	997	-20	10	221	1000	-26	2	318	995	-24	6	180	984	-31	3	301	986	-31	6	196
12	980	-33	0	0	983	-17	8	180	998	-19	9	217	999	-26	1	303	994	-28	7	194	983	-34	2	270	987	-30	3	192
15	980	-33	1	31	984	-20	11	180	999	-20	9	211	998	-26	2	142	994	-31	4	218	981	-31	2	270	988	-33	2	148
18	980	-29	0	0	986	-18	11	213	1000	-20	8	180	998	-27	2	134	992	-31	7	190	980	-29	3	274	988	-35	0	0
21	981	-29	2	39	990	-19	12	218	1001	-21	4	203	997	-21	2	134	992	-31	3	211	979	-25	3	287	988	-33	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	988	-31	3	346	982	-20	5	218	981	-17	6	218	972	-20	3	303	985	-29	16	201	984	-22	9	218	981	-26	6	223
03	987	-28	3	348	981	-18	2	315	980	-18	9	232	971	-18	4	303	985	-29	15	180	982	-19	14	207	980	-23	7	199
06	986	-28	2	309	981	-19	3	191	979	-18	6	232	971	-18	5	329	984	-28	16	218	981	-20	13	191	979	-24	7	209
09	985	-27	3	253	981	-23	4	218	977	-19	10	211	971	-20	4	334	983	-26	17	211	982	-23	12	192	979	-25	8	218
12	985	-29	3	334	981	-22	4	199	977	-20	3	224	973	-22	2	335	984	-26	16	210	982	-21	11	200	980	-25	6	241
15	984	-30	2	356	981	-22	2	275	976	-26	1	360	975	-26	11	218	985	-26	15	218	982	-24	8	180	979	-23	6	182
18	984	-24	2	274	981	-20	3	237	974	-23	2	239	981	-29	16	211	985	-25	12	211	981	-24	6	189	978	-26	2	236
21	983	-22	1	295	981	-20	3	236	973	-20	6	303	984	-31	15	207	985	-23	9	185	981	-26	4	180	978	-20	6	199
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	978	-21	3	245	976	-22	5	270	978	-25	8	214	976	-25	2	182	979	-27	8	218	973	-29	0	0	974	-25	8	218
03	977	-22	1	182	975	-19	7	244	977	-22	8	207	975	-25	4	231	979	-29	3	224	972	-28	0	0	975	-22	8	218
06	977	-27	3	270	975	-18	9	191	977	-24	9	218	976	-23	3	196	978	-32	2	231	971	-24	0	0	977	-25	4	218
09	977	-26	3	238	977	-23	6	191	977	-25	9	218	976	-24	4	218	978	-32	2	255	970	-19	4	86	978	-30	3	214
12	977	-27	2	218	978	-24	8	193	977	-24	9	218	978	-28	6	191	978	-29	3	218	969	-18	5	111	979	-31	2	199
15	977	-30	0	0	978	-22	10	214	977	-26	6	203	978	-27	8	191	976	-27	3	134	968	-18	6	134	980	-30	0	0
18	977	-33	1	270	978	-25	10	182	977	-28	5	210	980	-28	7	210	975	-27	1	116	969	-24	10	218	981	-31	2	199
21	977	-30	3	236	979	-25	8	218	977	-27	3	191	980	-30	6	182	975	-28	3	31	971	-26	8	230	982	-29	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	983	-28	1	218	988	-29	0	0	989	-24	9	168	1002	-28	4	176	999	-35	3	218	1001	-35	14	182	988	-30	14	211
03	984	-28	0	0	988	-29	1	94	991	-25	6	180	1002	-30	3	187	999	-35	4	228	1001	-36	13	193	986	-29	14	218
06	984	-31	0	0	988	-30	2	90	993	-25	6	180	1001	-34	2	199	999	-36	4	218	999	-35	12	189	985	-26	15	218
09	985	-29	0	0	987	-26	3	62	996	-26	5	180	1002	-38	1	218	999	-33	10	211	998	-35	14	197	984	-26	15	210
12	985	-34	0	0	986	-24	2	90	997	-27	8	186	1001	-38	1	262	999	-35	8	191	996	-33	14	180	982	-26	14	209
15	986	-28	0	0	986	-20	3	47	999	-27	6	168	1000	-38	2	228	999	-36	9	183	994	-31	15	180	982	-25	15	218
18	987	-34	2	196	986	-26	7	182	1000	-27	6	154	1000	-35	4	180	1000	-36	11	214	992	-32	13	206	982	-24	15	218
21	987	-32	2	90	988	-26	6	189	1001	-28	5	154	1000	-34	4	191	1001	-36	10	182	990	-31	12	207	981	-24	18	217
		DAY	29			DAY	30			DAY	31																	
00	980	-21	17	211	982	-12	15	180	992	-17	12	199																
03	979	-20	22	218	983	-12	15	197	993	-17	13	180																
06	978	-19	19	218	984	-12	12	180	993	-18	13	200																
09	978	-17	14	227	985	-14	11	191	993	-19	12	211																
12	979	-13	12	209	986	-14	12	207	993	-18	10	213																
15	981	-11	12	180	987	-15	13	211	992	-19	11	191																
18	981	-11	15	180	989	-16	12	206	991	-20	9	199																
21	982	-12	13	180	991	-16	11	211	989	-21	9	210																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -25.2 STD DEV = 5.7 MAX = -10.9 AT 1656 GMT ON DAY 29 MIN = -39.4 AT 1307 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 984.8 STD DEV = 8.4 MAX =1002.1 AT 56 GMT ON DAY 25 MIN = 968.0 AT 1415 GMT ON DAY 20
* WINDS (M/S) * MEAN = 6.4 STD DEV = 4.9 RESULTANT = 5.5 FROM 205. CONSTANCY = .86 MAX = 24.8 FROM 232. AT 315 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:	21	21	10	11	12	8	7	6	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	1	1	1	0	2	1	3	4	21	25	25	5	4	4	2	3

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

APR 83

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	987	-22	7	199	982	-27	7	206	981	-20	8	191	994	-29	4	218	990	-26	2	180	987	-30	10	206	991	-38	4	199
03	985	-21	8	180	981	-30	6	216	982	-24	5	218	994	-30	4	239	988	-26	5	134	988	-30	9	191	990	-38	5	194
06	984	-24	7	191	981	-33	2	236	983	-24	5	199	996	-30	3	231	987	-25	6	149	989	-32	8	211	990	-35	5	180
09	982	-27	7	203	981	-32	0	0	984	-26	6	218	996	-26	3	218	986	-25	6	166	989	-34	8	207	989	-34	6	180
12	981	-29	7	211	979	-29	0	0	986	-26	9	218	997	-27	0	0	986	-25	6	180	990	-37	6	209	989	-32	6	203
15	981	-29	7	190	980	-23	5	230	988	-27	4	209	995	-27	1	194	986	-32	8	211	990	-39	3	218	988	-31	6	210
18	981	-28	6	211	980	-23	6	218	990	-30	3	228	994	-26	1	210	986	-33	7	218	991	-41	4	191	987	-31	4	236
21	981	-28	4	211	980	-21	8	218	992	-29	6	218	992	-27	1	211	987	-32	8	211	991	-41	3	201	986	-26	9	218
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	985	-24	11	225	986	-34	2	286	985	-29	6	196	985	-24	11	225	976	-23	12	218	958	-15	7	182	995	-18	8	218
03	986	-27	11	191	984	-29	5	224	987	-30	7	213	985	-25	11	223	973	-21	11	232	965	-17	6	218	996	-18	9	218
06	986	-30	9	209	983	-29	3	191	987	-29	9	218	986	-29	9	180	967	-17	12	225	969	-18	6	207	996	-19	8	191
09	987	-33	5	180	981	-24	10	220	988	-28	12	218	986	-27	12	211	962	-18	14	218	975	-18	10	218	996	-20	7	214
12	988	-36	4	176	982	-28	7	180	988	-27	14	231	986	-26	11	218	958	-16	18	218	980	-17	12	218	995	-19	5	235
15	987	-37	3	182	982	-27	8	194	988	-28	10	218	985	-26	10	213	956	-15	16	221	984	-17	10	218	993	-23	2	230
18	987	-36	4	180	982	-28	8	211	987	-28	10	218	983	-26	12	211	955	-14	17	220	988	-17	10	221	991	-26	0	0
21	986	-36	1	230	983	-30	4	199	985	-26	13	218	980	-23	11	191	957	-15	10	211	991	-18	11	223	989	-29	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	988	-33	0	0	976	-21	6	207	971	-24	9	190	966	-27	7	182	961	-23	15	228	974	-19	10	218	965	-22	3	180
03	987	-29	1	180	975	-23	5	206	971	-23	8	180	965	-30	7	209	961	-20	8	241	974	-18	10	223	965	-22	2	161
06	985	-30	2	225	973	-23	7	182	970	-26	4	179	964	-31	5	211	960	-15	16	218	973	-18	10	210	967	-24	2	218
09	984	-26	6	214	972	-21	9	191	970	-25	3	199	963	-28	6	180	962	-14	13	218	974	-19	9	218	970	-23	0	0
12	X	X	X	X	972	-21	8	197	969	-27	4	227	963	-29	6	225	963	-13	11	218	971	-18	12	218	974	-23	5	182
15	X	X	X	X	971	-20	11	180	968	-28	7	218	962	-30	7	244	966	-15	13	218	969	-18	14	214	975	-19	11	218
18	979	-25	7	218	971	-21	10	190	968	-29	6	199	961	-30	7	224	969	-18	13	211	967	-17	8	223	979	-22	11	218
21	978	-25	6	216	971	-23	10	196	967	-29	7	218	961	-26	10	218	972	-18	12	218	966	-20	3	244	981	-21	12	227
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	982	-23	9	218	981	-25	4	213	977	-19	8	191	976	-24	11	200	966	-14	13	220	972	-23	16	201	980	-16	5	179
03	982	-24	6	218	980	-25	0	0	977	-19	10	206	976	-25	12	180	965	-15	14	223	976	-25	14	194	979	-20	5	207
06	982	-22	8	221	979	-27	2	211	977	-20	8	211	977	-22	11	191	964	-15	13	211	980	-30	9	180	979	-20	7	218
09	981	-20	5	211	979	-23	5	217	977	-20	8	206	976	-19	10	191	963	-16	15	225	982	-30	9	199	978	-22	8	218
12	982	-26	4	182	978	-22	8	191	977	-21	10	218	975	-17	10	225	962	-14	16	218	982	-16	11	218	977	-20	7	218
15	982	-23	4	218	978	-22	6	218	976	-22	9	218	972	-16	10	217	963	-14	14	211	982	-14	11	230	976	-19	11	235
18	981	-21	6	180	977	-19	6	218	975	-23	10	214	970	-14	12	218	965	-14	15	182	982	-17	11	218	974	-20	10	223
21	981	-22	7	213	976	-19	7	221	975	-22	14	210	967	-14	15	220	968	-17	10	180	981	-15	8	218	973	-18	13	218
		DAY	29			DAY	30																					
00	972	-17	13	211	974	-21	11	180																				
03	972	-16	12	218	979	-25	11	180																				
06	971	-15	12	218	982	-24	13	207																				
09	971	-15	9	218	984	-21	10	210																				
12	970	-13	12	218	983	-18	14	218																				
15	970	-11	16	218	981	-16	13	218																				
18	970	-10	12	216	979	-16	13	224																				
21	971	-14	10	180	978	-18	14	207																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -23.6 STD DEV = 6.2 MAX = -10.1 AT 1620 GMT ON DAY 29 MIN = -41.2 AT 1706 GMT ON DAY 6
* PRESSURE (MB) * MEAN = 978.6 STD DEV = 9.4 MAX = 996.8 AT 930 GMT ON DAY 4 MIN = 954.7 AT 1740 GMT ON DAY 12
* WINDS (M/S) * MEAN = 8.0 STD DEV = 3.9 RESULTANT = 7.7 FROM 210. CONSTANCY = .96 MAX = 22.0 FROM 227. AT 1109 GMT DAY 12
* 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:	6	10	13	21	18	14	10	4	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	0	0	0	0	0	0	0	1	20	27	49	2	0	0	0	0

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

MAY 83

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	964	-15	15	211	969	-21	12	211	982	-15	13	218	980	-24	5	253	987	-23	7	199	997	-24	4	199
03	976	-14	13	180	964	-16	16	218	972	-21	12	218	981	-15	10	211	980	-24	2	230	989	-23	5	201	997	-26	4	218
06	975	-15	12	211	963	-17	16	218	978	-17	6	180	980	-16	10	218	980	-25	3	244	990	-28	3	180	996	-27	4	180
09	976	-16	10	209	960	-16	15	221	982	-18	6	164	981	-16	9	199	980	-27	1	203	992	-27	6	173	996	-26	5	180
12	975	-16	11	218	959	-16	14	214	985	-17	11	221	980	-15	4	217	981	-22	9	180	994	-28	5	180	995	-27	4	178
15	974	-15	13	224	959	-17	16	218	985	-16	11	218	980	-15	7	223	982	-23	8	206	995	-31	7	191	993	-29	4	180
18	970	-17	15	211	960	-15	15	218	985	-14	12	218	980	-20	1	263	983	-22	8	207	996	-27	7	200	992	-32	3	178
21	967	-15	14	211	961	-15	18	218	983	-14	10	221	980	-20	3	236	985	-23	6	207	998	-27	4	210	991	-29	7	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	991	-28	8	182	981	-23	19	218	981	-21	12	180	983	-22	14	211	988	-22	11	207	983	-23	8	204	979	-32	7	180
03	989	-26	9	218	981	-23	20	217	981	-22	12	180	983	-21	16	218	988	-22	8	182	982	-25	6	224	979	-33	6	183
06	988	-25	9	211	979	-23	17	218	982	-22	12	199	984	-20	15	211	988	-23	6	180	981	-25	7	218	978	-33	8	196
09	987	-23	12	204	978	-22	16	199	982	-23	11	197	984	-20	15	209	987	-23	5	190	981	-27	6	211	979	-33	7	180
12	985	-24	16	218	979	-22	17	191	982	-23	12	209	985	-20	14	223	987	-25	3	197	980	-26	7	197	979	-34	4	163
15	983	-25	13	224	978	-22	15	191	982	-24	11	182	986	-20	12	211	986	-25	2	211	979	-26	8	192	979	-35	2	171
18	983	-24	17	218	979	-22	16	199	982	-21	13	180	987	-20	12	211	985	-25	5	191	979	-28	7	187	980	-35	0	0
21	982	-23	18	220	981	-21	10	194	983	-22	13	211	988	-21	9	214	984	-23	5	180	980	-31	6	180	980	-35	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	981	-38	0	0	993	-36	9	211	998	-31	12	200	992	-34	3	218	969	-32	1	270	976	-29	9	216	978	-34	3	6
03	982	-33	0	0	994	-36	6	180	997	-30	10	180	991	-34	3	261	969	-29	0	0	977	-29	9	218	980	-31	1	359
06	983	-31	0	0	996	-36	6	201	996	-31	12	201	988	-37	0	0	968	-35	3	186	977	-31	4	218	982	-24	9	218
09	985	-32	0	0	996	-34	10	199	996	-30	10	183	985	-37	0	0	966	-34	1	276	977	-35	0	0	985	-28	8	218
12	987	-33	0	0	997	-33	10	201	995	-31	9	201	981	-37	0	0	963	-27	6	358	977	-34	0	0	985	-28	5	217
15	989	-32	4	180	998	-33	12	182	995	-31	7	178	976	-38	1	294	963	-23	8	360	977	-38	2	352	X	X	X	X
18	990	-33	6	194	998	-32	11	180	994	-30	8	180	972	-36	0	0	965	-23	9	360	976	-37	3	303	985	-27	0	0
21	991	-34	8	209	998	-31	12	201	993	-32	4	199	969	-32	4	333	973	-25	6	218	977	-37	3	344	985	-30	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	X	X	X	X	986	-23	2	224	975	-18	7	180	978	-13	11	180	998	-17	11	213	1005	-18	10	180	997	-16	7	210
03	987	-24	0	0	987	-25	9	228	976	-20	11	216	983	-19	10	180	1000	-16	8	211	1005	-18	6	180	996	-16	12	218
06	988	-23	1	236	986	-26	6	220	976	-17	12	210	985	-17	8	196	1003	-18	5	182	1005	-20	3	163	996	-15	14	207
09	988	-22	4	191	982	-19	12	218	976	-18	13	211	987	-18	11	204	1004	-18	7	217	1004	-22	5	182	996	-16	8	180
12	988	-23	6	221	980	-18	10	211	976	-15	15	211	990	-17	10	180	1005	-17	7	207	1003	-24	5	237	995	-17	8	197
15	987	-21	3	218	979	-20	6	203	977	-14	14	180	992	-17	11	191	1005	-16	8	191	1001	-19	9	223	996	-20	6	180
18	986	-21	3	224	979	-24	10	217	979	-15	11	209	995	-17	10	211	1005	-17	9	199	1000	-20	9	218	995	-19	8	192
21	986	-21	3	270	976	-17	10	211	979	-15	12	213	997	-17	9	207	1005	-19	8	210	998	-20	10	211	996	-22	3	182
		DAY	29			DAY	30			DAY	31																	
00	995	-25	2	158	995	-25	6	211	978	-29	4	207																
03	995	-25	1	218	992	-27	6	246	977	-30	3	258																
06	995	-24	6	218	989	-25	6	218	976	-29	9	218																
09	995	-22	7	230	985	-28	4	199	975	-29	8	180																
12	996	-20	10	199	983	-29	2	221	975	-31	6	214																
15	996	-21	11	231	980	-33	0	0	975	-33	6	211																
18	996	-22	12	199	979	-27	7	242	974	-31	7	199																
21	997	-22	9	201	977	-28	11	218	974	-31	6	211																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.3 STD DEV = 6.5 MAX = -12.9 AT 21 GMT ON DAY 25 MIN = -38.6 AT 1541 GMT ON DAY 20
* PRESSURE (MB) * MEAN = 984.6 STD DEV = 9.9 MAX =1005.5 AT 2036 GMT ON DAY 26 MIN = 958.8 AT 1347 GMT ON DAY 2
* WINDS (M/S) * MEAN = 7.8 STD DEV = 4.6 RESULTANT = 7.2 FROM 206. CONSTANCY = .92 MAX = 22.0 FROM 225. AT 2253 GMT DAY 8
* 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:	11	12	11	18	13	16	8	6	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	3	0	0	0	0	0	0	2	25	36	29	3	2	1	0	1

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

JUN 83

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	-32	5	191	980	-37	0	0	X	X	X	X	X	X	X	X	X	X	X	X	966	-19	15	204	969	-30	3	180
03	974	-33	1	276	980	-35	0	0	X	X	X	X	X	X	X	X	X	X	X	X	967	-21	13	214	967	-33	0	0
06	973	-34	4	303	980	-40	0	0	X	X	X	X	X	X	X	X	X	X	X	X	970	-26	10	180	967	-34	3	93
09	974	-35	4	309	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	973	-28	9	180	967	-29	5	90
12	975	-38	0	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	973	-28	6	180	970	-33	5	182
15	976	-37	1	270	X	X	X	X	X	X	X	X	X	X	X	X	968	-22	9	214	973	-24	7	217	971	-35	6	231
18	977	-36	1	294	X	X	X	X	X	X	X	X	X	X	X	X	966	-22	11	218	971	-22	14	220	X	X	X	X
21	979	-35	2	180	X	X	X	X	X	X	X	X	X	X	X	X	966	-18	12	191	970	-26	10	211	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	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 = -30.1 STD DEV = 6.1 MAX = -17.9 AT 2128 GMT ON DAY 5 MIN = -41.0 AT 741 GMT ON DAY 2
* PRESSURE (MB) * MEAN = 972.0 STD DEV = 4.4 MAX = 980.5 AT 501 GMT ON DAY 2 MIN = 965.5 AT 2028 GMT ON DAY 5
* WINDS (M/S) * MEAN = 5.6 STD DEV = 4.7 RESULTANT = 4.6 FROM 205. CONSTANCY = .82 MAX = 15.4 FROM 206. AT 2158 GMT DAY 5
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 88.3 % PRESSURE: 88.3 % WINDS: 88.3 %

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	11	18	7	7	14	4	7	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	9	0	0	0	35	9	26	0	9	9	4	0

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

JUL 83

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	993	-30	9	176	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	-23	18	187	996	-35	2	182	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	978	-23	8	218	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	978	-22	12	218	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	980	-22	12	221	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	984	-23	13	191	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	988	-26	13	207	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	990	-27	8	180	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	994	-49	0	0	991	-44	8	221	991	-48	0	0	985	-40	0	0	981	-42	2	270	984	-37	0	0
03	X	X	X	X	993	-49	0	0	991	-44	6	218	990	-50	0	0	985	-44	0	0	980	-42	0	0	985	-40	2	327
06	X	X	X	X	993	-51	0	0	992	-45	5	218	989	-50	0	0	984	-40	6	218	979	-40	2	295	986	-41	0	0
09	X	X	X	X	992	-50	0	0	993	-46	3	253	989	-48	0	0	984	-41	3	230	980	-37	3	246	988	-40	0	0
12	X	X	X	X	991	-47	2	239	993	-45	3	255	988	-42	0	0	984	-40	5	218	980	-37	2	270	989	-36	1	200
15	X	X	X	X	990	-42	7	218	993	-49	0	0	987	-41	0	0	983	-39	3	218	980	-42	2	295	989	-42	2	147
18	X	X	X	X	991	-43	7	199	992	-49	0	0	986	-41	0	0	982	-39	2	231	981	-41	1	339	989	-41	0	0
21	994	-50	0	0	991	-43	5	218	992	-52	0	0	986	-41	0	0	981	-40	2	213	982	-41	2	303	989	-39	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	988	-38	0	0	976	-42	13	218	974	-42	3	182	973	-29	13	209	966	-34	3	239	968	-35	7	199	969	-40	6	218
03	986	-38	0	0	975	-40	13	211	976	-40	8	182	972	-30	11	191	965	-35	3	218	968	-35	8	204	969	-41	6	217
06	984	-35	5	199	973	-40	14	217	977	-39	8	182	970	-26	14	211	965	-35	3	191	968	-36	8	199	970	-44	5	224
09	982	-37	6	179	973	-38	14	199	978	-37	11	207	971	-26	10	179	965	-36	2	218	968	-36	9	199	970	-45	4	191
12	980	-40	8	180	972	-37	10	199	978	-36	11	201	969	-30	6	168	965	-35	4	217	968	-37	9	182	971	-46	5	191
15	979	-42	10	180	972	-37	6	180	978	-34	11	180	968	-34	2	206	966	-35	6	224	968	-37	11	192	971	-46	6	211
18	977	-41	14	197	972	-39	4	230	977	-31	9	180	967	-34	2	218	966	-34	9	218	968	-38	10	189	972	-40	9	204
21	976	-40	12	200	972	-40	2	244	975	-30	12	201	966	-33	4	218	967	-35	8	211	968	-39	7	182	972	-41	9	191
		DAY	29			DAY	30			DAY	31																	
00	972	-41	8	180	972	-37	9	193	978	-44	4	218																
03	971	-39	9	180	973	-38	8	180	977	-41	6	221																
06	971	-39	11	192	974	-40	3	196	976	-39	7	218																
09	971	-39	10	200	974	-42	2	209	976	-40	3	263																
12	971	-39	12	199	975	-41	3	206	975	-43	2	287																
15	971	-36	11	180	976	-43	3	191	973	-44	2	277																
18	971	-36	11	180	977	-46	1	218	971	-37	4	270																
21	971	-37	11	180	977	-45	3	246	970	-35	6	270																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -38.9 STD DEV = 6.1 MAX = -21.4 AT 1113 GMT ON DAY 11 MIN = -51.6 AT 537 GMT ON DAY 16
* PRESSURE (MB) * MEAN = 978.6 STD DEV = 8.7 MAX = 995.7 AT 254 GMT ON DAY 12 MIN = 964.8 AT 451 GMT ON DAY 26
* WINDS (M/S) * MEAN = 5.5 STD DEV = 4.4 RESULTANT = 5.1 FROM 203. CONSTANCY = .92 MAX = 16.3 FROM 216. AT 103 GMT DAY 23
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 44.4 % PRESSURE: 44.8 % WINDS: 44.4 %

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	21	9	10	14	10	8	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	0	0	0	0	0	0	0	2	27	28	27	6	5	4	0	2

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

AUG 83

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	980	-43	3	211	974	-40	0	0	972	-46	0	0	967	-46	3	236	X	X	X	X	950	-25	9	180
03	971	-35	5	218	979	-44	4	218	973	-39	0	0	973	-46	0	0	965	-43	3	254	X	X	X	X	950	-26	7	180
06	973	-36	5	236	979	-46	2	224	972	-51	0	0	974	-42	2	218	962	-37	6	218	X	X	X	X	953	-30	4	187
09	975	-37	4	224	978	-44	2	224	972	-49	0	0	974	-43	3	218	961	-34	6	211	X	X	X	X	959	-36	10	200
12	976	-36	5	217	977	-44	1	210	971	-50	0	0	974	-42	2	245	959	-33	9	218	X	X	X	X	961	-38	6	180
15	978	-42	3	218	977	-46	0	0	971	-49	0	0	973	-42	3	194	957	-31	8	221	X	X	X	X	961	-30	10	218
18	979	-42	5	224	975	-46	0	0	971	-50	0	0	971	-44	2	255	954	-28	15	211	X	X	X	X	963	-29	12	218
21	979	-43	5	218	975	-49	0	0	971	-50	0	0	970	-45	2	211	X	X	X	X	X	X	X	X	965	-29	9	186
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	967	-33	9	176	974	-41	3	218	978	-49	0	0	983	-44	3	224	981	-55	3	180	964	-45	3	339	983	-46	1	142
03	970	-35	6	180	974	-40	2	218	978	-46	0	0	983	-45	1	154	979	-55	0	0	964	-47	2	360	985	-42	3	180
06	972	-39	1	211	975	-41	1	253	978	-49	0	0	983	-45	0	0	976	-54	0	0	965	-49	4	332	987	-44	3	254
09	972	-39	3	196	975	-42	1	262	979	-44	0	0	X	X	X	X	974	-54	2	327	968	-47	2	244	990	-42	11	180
12	973	-41	3	194	976	-44	1	287	X	X	X	X	982	-50	3	180	971	-53	2	303	969	-40	7	220	991	-38	11	218
15	973	-42	2	182	976	-46	0	0	X	X	X	X	983	-54	6	210	968	-50	3	303	973	-38	9	180	991	-35	11	228
18	973	-43	1	191	976	-44	0	0	X	X	X	X	983	-53	8	182	965	-48	2	303	977	-41	8	176	991	-36	11	216
21	973	-45	2	242	X	X	X	X	982	-45	5	191	981	-54	7	190	963	-49	2	360	980	-41	4	182	991	-35	9	211
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	990	-38	7	218	X	X	X	X	976	-40	8	218	975	-28	14	204	979	-26	10	201	987	-39	3	180	968	-31	8	218
03	X	X	X	X	974	-51	1	270	978	-40	7	211	975	-31	10	218	979	-24	11	182	985	-33	7	216	966	-28	6	231
06	X	X	X	X	974	-53	1	228	977	-36	7	218	973	-28	9	211	976	-23	16	218	984	-33	5	217	964	-29	1	244
09	X	X	X	X	974	-46	4	242	974	-30	9	218	973	-26	12	218	976	-24	13	199	982	-36	4	218	963	-31	0	0
12	X	X	X	X	973	-46	4	244	973	-31	9	211	973	-28	13	224	978	-32	12	168	980	-35	5	218	961	-23	9	270
15	X	X	X	X	974	-45	3	218	973	-30	8	211	976	-26	10	200	983	-39	12	180	978	-33	8	228	960	-18	16	224
18	X	X	X	X	974	-50	1	270	974	-29	9	218	978	-26	12	180	986	-39	8	209	974	-30	8	218	968	-32	11	190
21	X	X	X	X	975	-39	5	269	975	-31	12	235	979	-25	11	182	988	-39	7	191	971	-30	10	218	979	-40	20	211
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	981	-38	20	218	975	-25	10	218	978	-20	14	180	972	-15	17	211	1001	-35	0	0	988	-33	8	221	979	-30	11	211
03	985	-37	18	199	969	-21	13	218	982	-21	11	214	973	-15	17	218	1001	-34	0	0	987	-33	11	218	978	-30	8	224
06	991	-37	18	204	962	-17	21	218	981	-22	13	218	977	-15	15	190	1000	-35	0	0	987	-33	7	244	976	-27	8	218
09	995	-37	13	191	960	-17	21	218	981	-20	16	210	985	-25	9	180	998	-36	0	0	983	-34	13	218	974	-27	13	218
12	995	-38	8	217	962	-16	17	199	979	-19	13	218	992	-27	8	190	995	-35	0	0	983	-31	15	213	975	-24	14	206
15	991	-33	6	211	967	-14	17	197	975	-19	12	218	996	-30	6	180	992	-37	0	0	983	-32	11	203	976	-26	16	200
18	985	-29	8	213	970	-14	18	191	972	-18	17	234	999	-33	3	225	989	-34	5	194	982	-32	10	180	975	-24	17	218
21	980	-26	8	236	971	-15	17	210	971	-16	14	231	1000	-35	0	0	990	-33	6	231	980	-30	11	180	977	-26	13	199
		DAY	29			DAY	30			DAY	31																	
00	979	-31	13	182	984	-30	4	180	983	-28	12	182																
03	981	-36	11	197	983	-28	6	197	984	-27	10	180																
06	983	-35	9	211	982	-28	7	210	986	-31	7	194																
09	982	-32	7	199	982	-29	5	180	988	-30	9	218																
12	983	-32	7	180	981	-29	9	191	989	-29	10	224																
15	983	-33	9	192	982	-30	12	218	990	-29	9	218																
18	985	-34	5	194	982	-28	13	213	991	-29	9	218																
21	984	-34	5	201	982	-28	14	209	991	-31	6	211																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.4 STD DEV = 9.5 MAX = -13.2 AT 1540 GMT ON DAY 23 MIN = -55.5 AT 503 GMT ON DAY 12
* PRESSURE (MB) * MEAN = 977.1 STD DEV = 9.3 MAX =1000.7 AT 2336 GMT ON DAY 25 MIN = 949.6 AT 140 GMT ON DAY 7
* WINDS (M/S) * MEAN = 7.1 STD DEV = 5.3 RESULTANT = 6.6 FROM 209. CONSTANCY = .93 MAX = 23.9 FROM 218. AT 6 GMT DAY 22
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 9.3 % PRESSURE: 9.3 % WINDS: 9.3 %

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:	20	17	8	15	13	9	7	4	4	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	1	0	0	0	0	0	1	1	22	26	38	6	3	2	0	2

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

SEP 83

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	-33	3	236	999	-34	5	236	1007	-37	0	0	1009	-36	0	0	995	-41	2	6	981	-39	8	200	974	-42	0	0
03	992	-35	2	270	1000	-31	4	209	1008	-38	0	0	1009	-38	0	0	992	-42	0	0	X	X	X	X	972	-34	14	232
06	992	-36	2	218	1002	-35	0	0	1009	-35	0	0	1008	-40	0	0	990	-39	0	0	X	X	X	X	973	-36	7	237
09	993	-38	2	254	1002	-31	6	214	1010	-37	0	0	1008	-42	0	0	988	-38	0	0	979	-44	0	0	975	-43	7	180
12	994	-36	4	218	1003	-34	4	248	1011	-39	0	0	1007	-42	0	0	986	-32	7	214	978	-43	0	0	977	-48	4	199
15	995	-36	5	242	1004	-35	4	218	1011	-35	0	0	1005	-40	0	0	984	-33	10	214	976	-44	0	0	978	-48	3	200
18	996	-36	3	228	1004	-35	3	251	1010	-39	2	360	1001	-39	1	360	982	-36	8	182	975	-43	0	0	979	-42	5	280
21	998	-37	2	256	1005	-36	2	218	1010	-40	0	0	998	-39	2	6	981	-39	8	180	974	-42	0	0	980	-44	3	236
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	980	-39	3	270	972	-42	1	209	967	-33	9	225	956	-21	16	191	987	-27	11	201	990	-33	2	314	1010	-23	6	154
03	979	-40	3	291	972	-44	3	218	966	-30	10	218	952	-23	17	224	992	-28	11	180	992	-31	1	303	1011	-23	7	186
06	977	-34	5	273	971	-45	5	194	966	-26	12	211	949	-18	14	218	995	-29	9	218	994	-33	0	0	1013	-23	8	180
09	976	-36	3	236	972	-46	10	207	967	-26	12	204	947	-18	16	218	996	-31	4	180	997	-29	0	0	1014	-24	10	182
12	975	-36	2	194	971	-42	8	218	966	-24	10	210	952	-28	8	175	994	-35	0	0	1000	-27	0	0	1015	-24	10	199
15	974	-33	2	191	970	-37	9	218	964	-23	12	213	962	-34	10	186	992	-35	2	303	1003	-26	0	0	1015	-26	6	180
18	973	-36	4	239	969	-38	8	218	961	-21	13	180	972	-34	15	211	991	-35	0	0	1005	-24	4	134	1015	-27	3	180
21	972	-40	3	245	968	-36	8	230	959	-19	12	217	980	-29	13	218	989	-31	2	303	1007	-24	6	148	1014	-28	0	0
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	1013	-29	0	0	1007	-28	1	270	982	-26	0	0	978	-36	4	199	982	-35	0	0	978	-29	7	199	983	-38	5	201
03	1010	-28	0	0	1007	-25	4	249	977	-27	0	0	980	-37	2	244	982	-33	0	0	977	-28	9	191	982	-40	5	180
06	1008	-30	2	331	1006	-25	6	223	974	-25	4	287	980	-38	0	0	981	-33	0	0	978	-33	7	180	981	-42	4	180
09	1008	-30	1	303	1004	-27	4	218	973	-23	11	191	981	-39	0	0	981	-34	0	0	979	-37	6	182	979	-43	5	180
12	1009	-28	5	253	1001	X	1	224	972	-23	12	211	982	-39	0	0	981	-33	0	0	980	-37	7	194	976	-41	6	180
15	1008	-24	6	216	998	-32	2	317	972	-25	8	191	981	-38	0	0	981	-34	0	0	980	-39	8	193	973	-42	7	199
18	1008	-27	4	239	991	-31	0	0	974	-29	6	190	982	-36	0	0	980	-33	2	224	981	-40	8	199	970	-40	8	203
21	1007	-28	1	244	986	-31	0	0	976	-35	4	214	981	-33	0	0	980	-34	2	254	982	-39	8	180	969	-39	8	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	967	-39	5	199	964	-34	3	180	981	-32	14	204	983	-36	2	180	972	-36	0	0	970	-37	8	180	977	-41	6	218
03	966	-37	3	259	969	-35	3	169	981	-33	16	218	982	-38	1	300	971	-37	1	303	972	-38	10	218	977	-39	5	218
06	965	-38	1	270	973	-39	3	180	984	-32	15	218	980	-39	0	0	968	-38	0	0	974	-38	10	227	978	-41	0	0
09	963	-41	1	303	976	-41	6	182	985	-31	14	211	979	-42	1	303	966	-35	0	0	976	-42	8	220	977	-43	0	0
12	961	-36	1	303	980	-36	13	203	985	-31	14	210	978	-42	0	0	966	-35	0	0	977	-42	9	216	977	-46	1	289
15	959	-35	1	331	980	-34	14	180	986	-32	12	182	977	-37	0	0	966	-37	0	0	978	-41	7	218	977	X	0	0
18	959	-37	1	303	981	-33	14	206	986	-34	8	210	976	-39	0	0	967	-38	0	0	978	-44	6	218	976	-44	0	0
21	960	-36	5	176	982	-33	14	180	985	-37	3	232	974	-40	0	0	968	-37	7	199	978	-42	7	234	976	-47	1	145
		DAY	29			DAY	30																					
00	975	-42	0	0	969	-36	4	234																				
03	974	-41	0	0	967	-33	12	231																				
06	973	-45	0	0	967	-39	8	180																				
09	973	-46	0	0	967	-39	8	211																				
12	973	-45	0	0	965	-42	6	218																				
15	972	-40	0	0	964	-43	3	200																				
18	972	-42	0	0	961	-46	0	0																				
21	970	-45	0	0	959	-46	0	0																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -35.2 STD DEV = 6.3 MAX = -17.6 AT 935 GMT ON DAY 11 MIN = -48.0 AT 1246 GMT ON DAY 7
* PRESSURE (MB) * MEAN = 982.9 STD DEV = 15.3 MAX =1015.5 AT 1153 GMT ON DAY 14 MIN = 946.3 AT 805 GMT ON DAY 11
* WINDS (M/S) * MEAN = 4.4 STD DEV = 4.5 RESULTANT = 3.8 FROM 208. CONSTANCY = .88 MAX = 24.6 FROM 200. AT 56 GMT DAY 24
* 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:	41	15	13	10	8	5	3	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	0	0	0	0	1	1	23	21	28	8	4	8	1	1

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

OCT 83

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	956	-41	0	0	969	-42	14	218	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	949	-33	6	207
03	954	-41	4	52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	948	-32	4	211
06	954	-43	0	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	950	-36	6	180
09	956	-45	1	360	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	951	-39	8	200
12	959	-45	0	0	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	949	-32	6	223	952	-38	7	199
15	962	-44	4	185	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	949	-32	4	218	954	-41	10	197
18	965	-45	8	209	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	948	-34	6	218	956	-41	8	180
21	968	-39	12	204	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	948	-33	6	203	958	-40	7	182
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	958	-38	6	197	947	-33	0	0	954	-29	9	211	951	-20	13	191	965	-22	8	207	970	-16	10	214	975	-21	10	218
03	958	-38	6	206	945	-27	7	210	954	-23	9	217	950	-20	15	218	965	-23	8	224	970	-15	13	191	976	-20	11	201
06	957	-37	5	211	945	-24	7	191	953	-21	8	213	952	-20	12	210	963	-22	15	230	974	-20	10	211	978	-22	10	191
09	954	-39	0	0	945	-24	9	199	953	-21	11	180	953	-21	12	209	964	-21	12	220	975	-17	10	192	979	-22	8	180
12	950	-34	3	293	947	-31	6	180	953	-19	9	218	957	-23	13	180	967	-24	8	186	976	-20	9	191	980	-24	7	216
15	946	-31	0	0	949	-37	6	176	951	-21	9	218	962	-25	10	180	967	-20	10	199	975	-21	5	203	980	-24	6	218
18	946	-35	0	0	952	-38	0	0	951	-21	9	221	964	-24	8	203	968	-19	9	180	974	-21	6	218	981	-25	2	252
21	947	-37	6	199	955	-37	4	218	949	-20	14	216	964	-22	13	221	969	-18	9	214	974	-21	8	218	981	-26	6	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	983	-25	9	197	994	-26	11	218	994	-19	14	207	992	-20	13	201	982	-20	15	218	974	-14	13	218	990	-24	8	180
03	985	-25	9	180	994	-24	11	218	995	-18	13	204	992	-20	10	190	980	-17	13	223	973	-13	12	211	990	-21	10	180
06	986	-26	8	193	994	-23	15	218	995	-18	12	182	991	-21	9	180	979	-16	14	221	974	-14	10	204	989	-22	8	196
09	988	-27	7	180	994	-24	15	225	995	-19	12	191	990	-24	9	180	980	-22	8	180	975	-18	7	196	987	-26	6	218
12	990	-30	4	213	993	-23	13	218	994	-21	10	213	989	-27	7	182	981	-22	10	218	977	-22	6	180	985	-28	5	182
15	990	-29	7	218	993	-23	15	216	994	-20	12	206	987	-26	13	211	979	-20	10	216	980	-25	9	180	983	-30	4	199
18	992	-30	6	218	993	-21	15	211	994	-23	11	191	986	-26	13	224	977	-15	12	216	986	-27	8	211	981	-31	2	218
21	993	-28	9	223	994	-19	14	218	993	-21	10	180	984	-25	15	218	974	-15	12	218	989	-24	10	204	979	-30	5	221
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	977	-26	6	213	964	-28	5	224	959	-16	12	230	975	-14	11	211	973	-18	9	218	968	-19	4	218	966	-24	9	180
03	975	-25	8	218	963	-26	10	214	961	-12	8	218	975	-14	10	206	972	-17	9	218	968	-19	3	191	966	-25	6	189
06	972	-26	7	191	963	-26	8	218	962	-11	6	171	975	-15	8	218	971	-18	7	218	968	-19	0	0	965	-26	8	199
09	970	-28	8	197	961	-26	10	218	965	-11	9	134	975	-18	5	221	971	-21	4	218	968	-24	0	0	965	-29	7	197
12	968	-30	6	218	960	-25	12	224	967	-11	6	163	975	-22	3	218	970	-25	4	187	968	-24	5	224	X	-30	10	187
15	966	-31	5	207	958	-22	13	218	970	-13	10	213	974	-19	5	225	969	-25	4	199	968	-27	5	238	967	-29	7	201
18	965	-30	6	218	958	-19	14	220	973	-15	11	211	973	-18	8	218	968	-23	5	221	967	-27	7	216	968	-32	6	199
21	965	-30	6	218	959	-18	14	218	975	-14	9	214	973	-16	10	218	968	-23	3	224	967	-26	8	182	967	-28	8	220
		DAY	29			DAY	30			DAY	31																	
00	967	-27	8	218	964	-26	0	0	962	-19	7	241																
03	966	-25	9	218	964	-21	2	270	960	-16	8	270																
06	966	-24	10	224	963	-23	0	0	960	-18	8	236																
09	966	-26	8	210	963	-22	4	227	960	-21	3	246																
12	966	-29	5	218	963	-22	5	210	963	-25	11	234																
15	965	-29	6	218	963	-23	3	191	965	-24	11	218																
18	965	-30	4	225	963	-23	0	0	966	-25	10	218																
21	965	-28	2	228	963	-20	4	286	967	-23	10	218																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -24.7 STD DEV = 7.2 MAX = -10.2 AT 743 GMT ON DAY 24 MIN = -45.5 AT 934 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 969.4 STD DEV = 13.4 MAX = 995.3 AT 436 GMT ON DAY 17 MIN = 944.6 AT 537 GMT ON DAY 9
* WINDS (M/S) * MEAN = 8.0 STD DEV = 3.7 RESULTANT = 7.6 FROM 208. CONSTANCY = .95 MAX = 18.1 FROM 207. AT 30 GMT DAY 2
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 14.1 % PRESSURE: 14.5 % WINDS: 14.1 %

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:	8	6	13	21	22	15	9	6	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	0	21	28	45	2	1	1	0	0

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

NOV 83

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	-23	8	218	966	-17	13	218	965	-18	11	218	959	-17	8	218	955	-17	11	227	957	-13	9	218	966	-19	6	180
03	968	-21	8	186	964	-17	14	239	964	-17	11	220	958	-16	9	191	955	-15	10	218	957	-13	3	190	967	-17	5	182
06	969	-20	10	211	963	-16	13	237	963	-18	10	218	957	-17	7	209	955	-15	11	223	958	-17	4	180	968	-17	5	192
09	971	-21	9	218	962	-15	7	191	963	-18	8	211	957	-18	8	211	956	-17	6	218	960	-18	6	185	969	-18	7	207
12	971	-25	10	223	965	-15	8	191	962	-19	6	211	957	-21	6	221	956	-16	8	218	961	-18	6	180	970	-23	3	191
15	971	-26	9	224	966	-18	8	207	961	-21	7	180	956	-19	8	218	957	-16	9	209	963	-19	6	180	970	-25	1	180
18	970	-23	10	220	966	-19	11	218	961	-21	8	218	955	-18	11	218	957	-15	8	218	964	-19	5	207	970	-20	3	277
21	968	-20	11	218	966	-20	10	218	960	-18	8	214	955	-17	6	218	957	-13	6	227	965	-21	6	217	970	-17	4	193
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	970	-17	7	218	974	-14	18	218	979	-13	10	210	978	-16	6	180	976	-16	13	218	976	-15	11	218	973	-14	9	224
03	969	-15	8	191	975	-14	13	180	979	-13	4	179	978	-15	7	180	976	-16	10	218	976	-15	9	211	972	-12	10	218
06	971	-14	8	218	977	-13	11	218	979	-12	0	0	979	-16	3	187	976	-16	10	218	976	-15	9	217	973	-15	8	180
09	971	-14	9	200	978	-13	9	213	X	X	1	333	979	-18	1	180	976	-17	7	211	976	-17	8	211	975	-17	7	201
12	973	-15	8	182	979	-13	12	200	977	-19	0	0	979	-23	4	218	976	-18	8	218	976	-18	8	218	976	-20	5	180
15	973	-17	12	218	979	-15	6	180	977	-20	2	248	978	-24	4	209	976	-19	9	211	975	-18	5	218	977	-22	4	193
18	974	-17	11	191	980	-17	4	180	977	-20	3	191	978	-22	8	214	976	-20	8	214	975	-18	7	227	977	-20	1	191
21	974	-14	13	217	980	-14	6	218	978	-18	6	180	978	-20	10	218	976	-16	11	221	974	-17	10	218	976	-14	1	185
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	977	-16	8	211	974	-11	3	274	975	-15	5	201	984	-14	10	218	981	-13	0	0	982	-15	10	180	972	-15	1	226
03	976	-16	4	162	972	-10	2	324	975	-15	6	211	985	-14	10	218	981	-11	0	0	981	-14	10	201	971	-14	0	0
06	977	-14	0	0	972	-10	1	329	975	-15	10	218	985	-14	5	180	982	-13	4	180	980	-14	9	218	969	-15	2	237
09	978	-19	2	216	971	-9	6	303	975	-16	13	218	984	-16	0	0	982	-15	6	211	979	-16	7	218	968	-18	1	236
12	978	-22	0	0	972	-14	2	322	975	-16	16	224	983	-20	0	0	982	-16	6	216	978	-16	4	182	967	-22	0	0
15	976	-20	1	283	972	-17	2	360	977	-15	13	218	982	-21	1	29	982	-18	13	214	976	-20	1	201	966	-22	0	0
18	976	-15	2	282	973	-15	1	342	980	-15	11	218	981	-18	0	0	982	-18	13	209	975	-20	0	0	966	-21	0	0
21	975	-12	1	303	974	-12	3	199	982	-14	11	223	981	-16	0	0	982	-17	10	211	973	X	0	0	967	-16	0	0
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	968	-16	2	318	980	-13	3	335	976	-13	5	191	972	-14	7	217	971	-13	2	39	972	-17	2	270	970	-11	0	0
03	969	-14	2	274	979	-10	0	0	974	-13	5	206	972	-14	6	180	971	-12	0	0	971	-13	1	294	970	-13	3	218
06	970	-14	3	291	979	-12	1	39	974	-13	6	218	972	-14	2	180	971	-13	2	57	970	-14	3	303	971	-13	0	0
09	972	-15	5	256	978	-15	0	0	973	-15	4	227	972	-12	0	0	971	-13	0	0	970	-14	3	322	971	-15	0	0
12	974	-17	3	218	977	-19	0	0	972	-17	6	213	971	-19	1	311	972	-15	0	0	970	-16	1	322	972	-19	1	239
15	976	-17	3	270	976	-20	0	0	971	-16	8	209	971	-20	0	0	972	-15	0	0	969	-18	0	0	973	-17	1	218
18	978	-14	3	270	976	-18	1	134	972	-18	6	180	971	-20	0	0	972	-20	1	218	969	-17	0	0	973	-18	2	216
21	980	-15	0	0	976	-16	3	169	972	-17	7	180	971	-15	2	360	972	-18	2	231	969	-16	1	236	973	-16	0	0
		DAY	29			DAY	30																					
00	974	-13	0	0	975	-11	4	303																				
03	974	-7	0	0	976	-10	3	199																				
06	974	-12	0	0	X	X	X	X																				
09	974	-13	0	0	979	-12	1	142																				
12	974	-14	0	0	981	-13	1	128																				
15	974	-19	1	308	982	-13	3	134																				
18	974	-18	2	6	983	-13	5	158																				
21	974	-15	3	360	984	-13	5	140																				

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -16.2 STD DEV = 3.1 MAX = -7.0 AT 2344 GMT ON DAY 27 MIN = -26.0 AT 1454 GMT ON DAY 1
* PRESSURE (MB) * MEAN = 972.3 STD DEV = 6.9 MAX = 984.8 AT 431 GMT ON DAY 18 MIN = 954.6 AT 211 GMT ON DAY 5
* WINDS (M/S) * MEAN = 5.3 STD DEV = 4.1 RESULTANT = 4.7 FROM 212. CONSTANCY = .88 MAX = 18.6 FROM 218. AT 2229 GMT DAY 8
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 1.3 % 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:	31	13	13	15	12	10	5	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	2	1	1	1	0	0	3	1	21	18	39	3	3	4	4	2

STATION : 8915 MEELEY (ICE SHELF - SE) LAT : 78.5 S LONG : 170.2E ELEVATION : 50 M

DEC 83

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	-12	7	130	988	-9	0	0	989	-14	3	346	989	-9	0	0	993	-6	2	90	989	-9	2	360	982	-15	9	217
03	985	-11	0	0	988	-11	2	180	989	-11	2	360	989	-8	1	44	993	-6	0	0	987	-9	3	353	984	-15	8	180
06	985	-10	0	0	987	-11	2	180	989	-11	2	360	989	-9	2	45	993	-7	0	0	985	-9	3	360	984	-14	11	203
09	985	-12	3	70	988	-13	1	149	989	-15	1	360	990	-10	1	79	993	-11	0	0	984	-11	3	359	985	-17	9	189
12	986	-13	1	37	988	-15	0	0	988	-17	2	360	990	-12	1	80	993	-13	0	0	983	-15	2	360	986	-17	9	181
15	987	-14	1	360	988	-19	0	0	989	-17	1	360	991	-11	1	68	992	-14	0	0	981	-16	1	360	986	-17	8	218
18	987	-11	1	280	988	-17	1	360	988	-16	0	0	992	-9	1	77	991	-14	1	360	980	-14	0	0	986	-17	9	205
21	987	-9	0	0	989	-16	3	1	989	-11	0	0	992	-8	1	90	991	-11	0	0	981	-11	1	158	987	-15	8	180
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	988	-15	8	218	989	-12	0	0	979	-13	7	180	976	-7	7	200	979	-6	12	212	986	-6	8	190	984	-2	9	243
03	989	-15	9	225	986	-13	3	309	979	-13	7	189	976	-6	9	189	980	-5	10	180	986	-4	7	219	983	-3	12	243
06	990	-15	9	204	984	-13	3	309	978	-12	6	210	976	-6	9	198	981	-5	10	180	987	-4	7	225	982	-4	12	238
09	991	-15	5	218	982	-14	2	283	976	-11	7	210	977	-8	8	191	983	-6	10	180	987	-6	7	225	982	-4	9	225
12	992	-16	4	225	980	-17	2	270	976	-12	7	197	978	-10	8	200	984	-6	8	212	987	-7	5	233	982	-5	12	225
15	992	-16	3	224	979	-17	4	180	976	-13	7	225	979	-12	7	225	984	-9	7	214	987	-9	5	287	982	-5	13	210
18	991	-15	3	225	980	-17	6	210	976	-11	7	180	979	-9	8	225	985	-7	7	206	986	-8	2	287	983	-5	9	218
21	990	-12	0	0	979	-15	7	205	976	-10	7	203	979	-8	11	218	985	-5	11	225	985	-3	3	270	982	-4	10	218
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	982	-4	6	225	979	-5	4	189	981	-5	1	149	984	-7	0	0	987	-4	1	1	985	-9	2	172	986	-10	1	218
03	981	-3	8	217	979	-4	2	189	981	-3	0	0	984	-6	0	0	987	-4	2	360	985	-5	0	0	987	-9	3	225
06	980	-3	6	217	979	-5	4	200	980	-3	0	0	984	-7	0	0	987	-4	2	353	985	-7	2	225	987	-11	2	189
09	980	-5	4	222	979	-6	2	180	981	-6	0	0	985	-8	0	0	987	-4	0	0	985	-11	5	187	988	-11	1	198
12	979	-8	2	225	979	-8	2	197	981	-9	0	0	986	-8	2	14	986	-6	0	0	985	-13	0	0	989	-11	0	0
15	979	-9	2	243	979	-10	0	0	981	-10	0	0	986	-9	1	360	986	-7	0	0	985	-13	2	180	989	-11	0	0
18	979	-8	4	226	980	-10	0	0	982	-11	1	104	987	-8	1	360	986	-5	0	0	985	-12	4	198	990	-12	0	0
21	979	-7	5	203	980	-2	0	0	983	-6	0	0	987	-5	1	349	986	-9	3	183	985	-11	3	259	990	-11	1	360
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	991	-10	3	357	994	-4	0	0	993	-7	2	360	994	-11	11	218	995	-11	5	197	979	-6	3	360	978	-10	5	212
03	991	-8	5	4	994	-3	0	0	991	-4	3	349	995	-11	10	225	993	-10	2	198	978	-5	4	342	977	-8	8	225
06	992	-6	3	360	995	-4	0	0	990	-3	4	338	995	-11	10	210	991	-10	1	270	978	-4	1	360	976	-8	8	222
09	992	-8	1	360	995	-7	0	0	990	-5	3	330	996	-11	8	214	989	-10	0	0	978	-8	4	180	976	-8	6	225
12	X	X	X	X	994	-10	0	0	990	-8	2	339	996	-10	5	191	987	-14	2	360	979	-10	4	191	975	-9	5	226
15	X	X	X	X	994	-11	1	58	990	-8	1	309	996	-11	4	206	984	-14	0	0	978	-11	6	225	974	-9	5	225
18	X	X	X	X	994	-11	0	0	991	-9	3	212	996	-11	6	218	982	-13	4	360	978	-10	7	200	972	-8	4	218
21	993	-7	1	349	993	-10	3	15	993	-13	6	195	996	-11	6	198	981	-9	5	360	979	-10	8	189	971	-6	2	224
		DAY	29			DAY	30			DAY	31																	
00	971	-5	3	232	970	-7	8	189	979	-8	7	219																
03	970	-5	6	225	972	-6	5	191	979	-8	6	225																
06	970	-6	5	225	973	-7	6	189	979	-7	1	176																
09	969	-7	4	233	975	-9	6	225	978	-11	2	360																
12	969	-7	6	225	976	-11	7	226	978	-9	5	360																
15	968	-8	8	246	977	-10	8	225	977	-8	4	345																
18	967	-6	8	225	978	-10	10	225	978	-6	5	210																
21	968	-5	7	189	979	-10	9	225	979	-6	2	180																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -9.3 STD DEV = 3.7 MAX = 1.1 AT 359 GMT ON DAY 17 MIN = -18.8 AT 1455 GMT ON DAY 2
* PRESSURE (MB) * MEAN = 984.1 STD DEV = 6.4 MAX = 997.0 AT 1649 GMT ON DAY 25 MIN = 967.3 AT 1718 GMT ON DAY 29
* WINDS (M/S) * MEAN = 3.9 STD DEV = 3.4 RESULTANT = 2.8 FROM 216. CONSTANCY = .71 MAX = 15.4 FROM 221. AT 943 GMT DAY 14
* 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:	40	18	11	14	12	2	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	18	1	2	2	2	1	1	2	17	16	28	3	3	2	2	3

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

JAN 83

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	758	-14	11	141	759	-14	8	132	761	-16	6	156	755	-17	8	141	762	-16	8	141	766	-17	10	148
03	763	-12	13	129	758	-12	10	141	760	-12	7	141	760	-15	10	141	755	-14	8	135	763	-14	9	141	766	-14	10	141
06	763	-12	15	141	758	-12	10	135	760	-12	8	117	759	-14	8	141	756	-14	7	114	764	-14	9	141	767	-13	8	135
09	762	-13	14	141	757	-13	10	132	761	-13	5	111	758	-15	7	141	757	-14	6	113	765	-15	6	139	767	-14	8	131
12	762	-15	14	141	757	-14	10	141	761	-16	4	134	758	-19	6	141	758	-17	6	141	765	-18	12	155	767	-18	8	139
15	761	-16	14	136	757	-15	10	141	761	-19	5	161	756	-21	9	139	759	-18	6	141	766	-21	9	180	767	-20	9	141
18	760	-18	11	138	758	-16	8	131	761	-21	6	141	755	-22	10	141	759	-19	7	128	766	-22	8	170	767	-20	10	141
21	759	-16	13	141	758	-15	8	141	761	-19	6	153	755	-21	9	138	761	-17	8	141	766	-21	9	166	767	-19	12	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	767	-16	2	160	766	-17	12	141	765	-17	12	141	759	-17	10	128	762	-15	8	117	759	-15	9	141	760	-16	6	141
03	766	-15	14	141	766	-15	13	125	764	-14	11	136	758	-15	14	134	763	-13	6	101	759	-14	9	141	761	-14	5	141
06	766	-14	12	141	766	-14	10	141	763	-13	10	141	758	-15	14	131	763	-13	5	103	758	-14	8	141	761	-13	5	131
09	766	-16	11	141	766	-15	10	141	762	-15	10	141	758	-15	9	134	763	-13	4	98	758	-15	7	129	762	-14	3	125
12	766	-18	11	132	766	-18	11	141	762	-17	11	141	759	-18	8	141	763	-14	5	90	759	-15	6	141	762	-19	4	150
15	766	-20	11	131	766	-21	10	132	760	-20	11	141	759	-17	9	141	762	-15	5	111	758	-17	7	141	762	-21	7	141
18	766	-22	10	141	766	-22	10	145	759	-20	11	143	760	-17	7	141	761	-17	6	141	759	-20	6	156	763	-21	7	141
21	767	-19	11	141	765	-20	10	141	759	-19	13	141	761	-16	7	141	760	-16	8	141	760	-20	5	180	762	-20	8	139
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	762	-17	8	141	756	-16	14	118	757	-15	13	135	762	-14	9	111	763	-14	6	141	762	-14	12	131	765	-16	12	141
03	762	-15	7	135	756	-15	13	141	X	X	X	X	762	-13	8	111	763	-12	6	136	X	X	X	X	766	-12	10	141
06	761	-14	6	141	756	-15	12	120	758	-14	14	141	762	-13	8	101	763	-11	4	111	X	X	X	X	767	-11	10	141
09	760	-15	6	120	756	-15	13	115	759	-14	12	135	762	-14	7	111	763	-12	3	149	X	X	X	X	767	-13	8	127
12	760	-17	8	128	756	-16	14	141	759	-14	12	122	763	-14	6	141	763	-14	4	141	763	-18	0	0	768	-17	8	141
15	758	-19	9	141	756	-16	12	120	760	-15	10	115	763	-14	5	122	762	-14	6	141	763	-19	12	141	768	-16	7	134
18	757	-19	10	141	756	-16	12	141	760	-16	11	114	763	-15	5	138	762	-15	9	132	764	-20	12	141	767	-18	8	132
21	757	-18	12	131	757	-15	12	135	761	-15	9	141	763	-15	4	141	762	-15	8	141	765	-18	13	134	768	-16	8	141
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	767	-13	8	141	763	-15	11	141	761	-18	5	128	757	-19	9	136	756	-20	10	141	751	-20	14	141	755	-16	14	141
03	766	-11	9	141	763	-13	9	141	760	-15	6	120	757	-17	7	141	756	-18	10	134	751	-18	14	141	756	-14	13	128
06	766	-11	9	141	763	-13	8	141	759	-15	5	141	757	-15	5	141	756	-17	9	141	750	-18	17	121	756	-12	15	122
09	765	-12	9	127	762	-14	8	120	759	-15	6	129	757	-16	2	141	755	-19	9	141	750	-18	15	141	757	-13	13	141
12	765	-14	9	141	762	-15	9	131	759	-19	5	132	757	-20	6	143	754	-22	10	141	751	-18	16	141	758	-14	11	124
15	764	-15	9	141	762	-17	6	141	758	-20	6	143	757	-23	6	139	753	-24	12	135	752	-17	14	141	758	-14	12	141
18	764	-16	9	141	761	-20	6	141	757	-23	6	141	757	-25	6	141	752	-22	14	141	753	-17	13	113	758	-14	12	141
21	763	-16	10	135	761	-20	8	139	757	-22	8	141	756	-23	9	141	751	-23	16	141	754	-17	13	141	758	-14	12	129
		DAY	29			DAY	30			DAY	31																	
00	758	-12	17	129	762	-16	17	141	766	-15	11	141																
03	759	-10	16	114	763	-15	15	141	765	-13	11	141																
06	760	-11	15	101	763	-15	14	141	765	-13	10	141																
09	761	-12	14	141	764	-15	13	131	763	-16	10	141																
12	762	-14	13	141	765	-15	10	141	762	-19	11	146																
15	762	-15	14	141	765	-15	11	141	761	-21	12	141																
18	762	-15	15	141	765	-17	10	138	759	-22	13	141																
21	762	-17	17	136	765	-16	11	141	759	-21	14	138																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -16.2 STD DEV = 2.9 MAX = -10.1 AT 515 GMT ON DAY 29 MIN = -25.0 AT 1821 GMT ON DAY 25
* PRESSURE (MB) * MEAN = 760.7 STD DEV = 4.0 MAX = 768.6 AT 1114 GMT ON DAY 20 MIN = 750.0 AT 802 GMT ON DAY 27
* WINDS (M/S) * MEAN = 9.5 STD DEV = 3.2 RESULTANT = 9.4 FROM 136. CONSTANCY = .98 MAX = 18.9 FROM 145. AT 2149 GMT DAY 29
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 2.0 % PRESSURE: 2.0 % WINDS: 2.0 %

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	2	11	19	23	19	14	9	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	0	0	0	0	2	11	82	4	1	0	0	0	0	0	0	0

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

FEB 83

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	760	-13	10	121	761	-18	16	148	756	-21	15	141	765	-16	12	141	767	-14	8	124	766	-16	7	141
03	757	-16	13	141	760	-12	13	141	760	-16	15	146	757	-19	15	129	766	-14	10	134	766	-12	7	141	766	-14	7	141
06	757	-14	10	141	761	-13	12	141	759	-16	14	141	758	-18	13	141	766	-13	8	145	765	-10	5	115	767	-13	6	141
09	757	-15	12	129	761	-14	12	141	758	-18	14	141	759	-18	11	141	766	-15	9	143	764	-11	3	135	767	-15	5	142
12	758	-15	10	131	762	-17	12	138	758	-21	14	141	761	-20	9	141	766	-16	11	141	764	-13	2	117	767	-19	7	141
15	758	-14	9	141	761	-18	13	139	757	-22	14	142	762	-19	10	141	766	-16	8	141	764	-14	4	111	767	-21	8	146
18	758	-13	10	141	761	-20	12	141	757	-23	12	146	763	-18	11	134	766	-15	7	141	764	-16	5	141	767	-18	7	145
21	760	-13	10	141	761	-19	14	141	757	-22	16	141	764	-18	10	132	767	-14	10	90	765	-17	6	141	767	-14	8	141
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	766	-13	10	141	758	-14	18	135	762	-11	15	100	770	-11	11	115	759	-11	12	141	757	-15	5	141	754	-19	11	128
03	766	-13	11	141	758	-13	21	135	763	-12	21	90	769	-11	12	114	758	-11	10	117	757	-14	5	141	753	-16	11	120
06	765	-12	12	141	756	-12	22	135	764	-12	18	90	768	-10	14	135	758	-12	10	90	756	-13	4	118	753	-15	12	107
09	763	-14	14	141	756	-12	22	108	766	-12	17	86	767	-11	13	135	758	-12	8	90	756	-16	5	141	753	-14	12	101
12	761	-15	16	141	757	-13	22	101	769	-13	13	91	765	-11	11	127	758	-13	4	111	756	-16	7	141	754	-15	12	135
15	760	-15	16	141	758	-13	21	103	770	-13	13	108	763	-11	14	132	758	-14	2	145	755	-19	8	141	754	-17	12	141
18	758	-14	18	141	760	-13	19	90	771	-13	10	120	761	-13	13	141	757	-15	4	129	754	-22	8	122	755	-17	11	141
21	758	-14	16	114	761	-12	16	101	771	-12	10	135	760	-13	12	141	757	-14	5	141	753	-23	10	141	755	-19	12	122
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	757	-18	11	115	752	-17	18	141	746	-18	14	141	750	-22	12	141	751	-21	10	142	748	-28	8	169	747	-31	11	180
03	758	-17	11	141	751	-17	18	141	746	-17	13	141	750	-20	11	141	750	-20	10	141	747	-25	11	167	747	-29	9	174
06	758	-17	12	120	749	-17	17	141	746	-17	13	141	751	-19	11	141	750	-20	9	141	747	-24	9	180	747	-28	9	172
09	758	-18	9	124	748	-19	19	128	747	-18	12	141	751	-20	10	132	750	-22	8	180	747	-26	11	180	748	-29	10	180
12	758	-19	12	141	747	-18	17	127	747	-20	12	134	752	-23	11	132	749	-26	10	163	747	-31	9	180	748	-33	10	180
15	757	-20	14	131	746	-18	17	141	747	-21	12	141	751	-24	10	135	748	-28	10	170	747	-32	9	163	748	-35	11	180
18	756	-20	12	141	745	-19	15	122	748	-23	12	141	751	-25	10	141	748	-30	10	180	747	-34	10	172	749	-36	10	167
21	754	-18	14	141	746	-18	15	125	749	-23	11	132	751	-25	10	141	748	-30	11	180	747	-35	9	180	748	-35	11	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	749	-32	11	180	749	-34	13	180	746	-29	11	136	756	-33	7	180	757	-20	8	141	754	-22	9	138	755	-26	6	149
03	749	-29	8	176	748	-31	8	170	746	-26	8	141	758	-28	6	180	756	-19	10	141	754	-20	7	141	755	-24	9	150
06	749	-28	9	166	749	-29	8	170	746	-26	8	161	759	-24	4	141	754	-20	13	141	754	-20	6	141	754	-25	9	180
09	749	-29	10	174	748	-29	6	155	747	-28	6	155	760	-25	3	141	753	-21	13	136	755	-22	6	141	754	-28	10	180
12	749	-32	10	180	748	-32	7	166	749	-32	7	149	761	-24	4	127	753	-22	11	134	755	-26	6	136	755	-30	8	127
15	749	-35	10	180	747	-32	7	141	750	-34	6	155	760	-23	5	141	752	-24	11	143	755	-27	6	141	755	-34	10	165
18	749	-36	12	180	746	-33	6	180	752	-37	8	180	760	-23	6	141	753	-23	9	141	755	-27	5	161	754	-35	10	180
21	749	-36	10	176	746	-32	8	141	754	-37	7	180	759	-22	9	127	753	-24	10	134	755	-28	5	141	754	-35	12	180

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -20.3 STD DEV = 7.1 MAX = -10.0 AT 434 GMT ON DAY 11 MIN = -37.6 AT 2029 GMT ON DAY 24
* PRESSURE (MB) * MEAN = 756.0 STD DEV = 6.7 MAX = 771.2 AT 2132 GMT ON DAY 10 MIN = 745.2 AT 1823 GMT ON DAY 16
* WINDS (M/S) * MEAN = 10.6 STD DEV = 3.8 RESULTANT = 9.8 FROM 140. CONSTANCY = .93 MAX = 25.5 FROM 101. AT 147 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:	0	3	9	13	18	24	17	6	4	2	3	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	5	9	62	7	16	0	0	0	0	0	0	0

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

MAR 83

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	750	-35	13	180	749	-30	13	169	756	-31	13	169	757	-23	13	141	760	-31	9	180	749	-37	12	180
03	753	-28	10	176	750	-34	11	190	750	-28	12	180	755	-28	13	180	758	-23	11	141	760	-27	8	180	748	-33	9	161
06	752	-27	9	180	750	-33	10	172	752	-27	11	155	754	-27	12	180	759	-22	9	141	758	-27	8	180	747	-32	9	180
09	752	-29	5	170	750	-33	10	166	754	-28	12	160	754	-26	12	159	760	-25	10	161	756	-30	9	179	746	-34	10	173
12	751	-32	7	180	749	-32	11	180	754	-30	11	180	755	-26	13	149	761	-29	8	166	756	-34	8	162	746	-37	8	162
15	750	-31	7	191	748	-32	9	161	756	-31	10	180	754	-24	12	146	761	-31	8	180	753	-35	9	180	746	-34	10	143
18	749	-30	7	198	748	-32	12	162	756	-31	9	180	755	-25	13	141	761	-32	9	155	752	-37	8	161	745	-34	10	141
21	749	-35	11	180	748	-32	13	180	756	-32	11	173	755	-25	14	141	761	-34	10	172	750	-39	9	141	745	-35	8	170
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	745	-32	10	138	743	-33	11	141	748	-29	11	141	751	-27	4	180	749	-38	12	184	748	-31	7	152	743	-31	9	141
03	745	-30	8	141	743	-30	12	136	748	-27	9	134	750	-25	3	206	750	-35	12	180	747	-32	10	180	742	-30	9	141
06	745	-30	7	141	743	-29	11	141	749	-26	10	136	749	-27	5	180	750	-33	10	180	745	-32	12	180	742	-29	7	141
09	745	-32	9	141	744	-29	11	141	750	-29	8	141	749	-29	5	180	750	-35	10	169	745	-34	11	180	742	-33	5	180
12	745	-34	8	145	745	-30	11	141	751	-30	10	141	749	-32	8	180	750	-37	8	165	745	-36	9	160	741	-37	9	163
15	745	-36	10	138	746	-30	9	134	751	-28	6	141	748	-36	11	180	749	-35	8	170	744	-36	10	160	741	-39	9	180
18	744	-36	11	146	746	-31	11	141	751	-27	5	132	749	-39	10	149	749	-34	6	170	743	-33	8	160	740	-40	10	180
21	744	-35	12	141	747	-30	11	141	751	-29	3	141	749	-40	12	163	748	-34	8	180	743	-33	9	149	740	-40	12	176
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	740	-37	10	180	736	-32	13	142	741	-42	8	138	736	-38	9	141	738	-32	16	161	751	-35	13	177	734	-35	17	169
03	741	-34	9	180	737	-29	10	141	740	-39	9	166	735	-37	8	138	739	-32	17	167	750	-33	12	180	734	-34	11	180
06	741	-33	9	180	739	-28	8	141	740	-37	10	180	734	-35	9	134	741	-34	17	173	748	-31	6	167	734	-34	10	180
09	740	-33	7	148	740	-30	5	141	740	-38	10	180	734	-33	9	141	744	-35	19	170	745	-34	8	149	734	-39	8	181
12	739	-35	11	141	741	-34	4	159	739	-39	9	180	734	-35	13	141	746	-36	17	180	742	-35	10	163	735	-41	9	180
15	737	-37	12	136	741	-39	8	167	739	-40	8	156	734	-33	13	141	748	-37	17	180	739	-35	10	180	735	-43	10	173
18	735	-36	12	141	741	-42	9	180	738	-40	9	166	735	-33	19	139	750	-38	14	180	738	-37	10	180	735	-44	8	180
21	735	-36	17	135	741	-44	11	180	737	-38	8	141	X	X	X	X	751	-37	12	181	735	-39	16	173	735	-43	6	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	736	-37	6	141	739	-38	8	150	734	-32	8	141	734	-19	13	107	749	-29	18	149	760	-33	16	180	X	X	X	X
03	736	-34	6	141	741	-35	6	141	733	-29	8	141	736	-18	15	98	749	-29	18	152	760	-32	16	187	X	X	X	X
06	736	-33	5	141	740	-32	4	141	731	-28	10	141	738	-20	15	90	752	-28	16	161	X	X	X	X	X	X	X	X
09	736	-36	6	141	741	-33	5	148	731	-26	9	142	741	-20	14	141	753	-29	16	180	X	X	X	X	X	X	X	X
12	737	-37	6	150	741	-35	5	141	731	-23	8	122	742	-26	14	142	755	-32	18	180	X	X	X	X	X	X	X	X
15	737	-38	6	141	739	-36	6	139	731	-24	9	141	743	-29	19	145	X	-33	19	172	X	X	X	X	X	X	X	X
18	738	-38	7	150	738	-37	5	141	731	-20	11	135	744	-29	14	143	759	-33	17	170	X	X	X	X	X	X	X	X
21	739	-38	6	141	736	-36	7	142	733	-19	11	101	746	-30	18	180	759	-35	16	180	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 = -32.4 STD DEV = 4.9 MAX = -18.0 AT 246 GMT ON DAY 25 MIN = -44.1 AT 1822 GMT ON DAY 21
* PRESSURE (MB) * MEAN = 745.2 STD DEV = 7.6 MAX = 761.4 AT 1741 GMT ON DAY 5 MIN = 730.7 AT 1332 GMT ON DAY 24
* WINDS (M/S) * MEAN = 10.2 STD DEV = 3.4 RESULTANT = 9.6 FROM 160. CONSTANCY = .94 MAX = 21.3 FROM 174. AT 410 GMT DAY 27
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 16.1 % PRESSURE: 16.5 % WINDS: 16.1 %

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	8	13	34	20	11	3	7	3	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	1	1	36	20	41	1	0	0	0	0	0	0

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

APR 83

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	744	-38	16	166
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	759	-35	11	180	744	-31	11	180	744	-39	16	180
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	758	-36	14	179	744	-33	13	180	743	-36	17	180
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	759	-34	8	146	X	X	X	X	743	-38	17	174
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	757	-33	8	180	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	754	-32	6	180	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	759	-37	14	180	751	-30	5	180	745	-36	14	180	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	760	-37	14	180	749	-31	4	155	744	-37	14	180	X	X	X	X
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	X	X	X	X	753	-43	13	180	744	-33	17	139	748	-32	12	134	750	-30	9	141	745	-35	13	170	751	-37	17	180
03	X	X	X	X	753	-38	12	170	742	-32	15	135	750	-31	9	129	750	-28	13	135	744	-36	13	180	754	-34	15	180
06	746	-42	16	181	752	-35	13	141	741	-32	15	141	751	-32	7	141	748	-28	12	135	744	-37	15	190	757	-32	16	169
09	X	X	X	X	752	-35	13	146	741	-32	16	141	751	-33	6	135	748	-29	12	141	744	-39	14	180	760	-32	16	180
12	750	-43	10	142	751	-36	13	141	742	-33	16	136	752	-33	8	141	748	-29	11	141	X	X	X	X	760	-32	17	145
15	751	-44	14	170	749	-36	13	132	743	-32	12	150	752	-32	8	142	747	-29	10	145	X	X	X	X	760	-33	16	138
18	750	-44	7	360	747	-35	15	141	745	-32	14	141	752	-31	10	131	746	-32	11	158	X	X	X	X	757	-33	12	141
21	751	-44	16	181	745	-34	14	139	746	-33	12	141	751	-31	11	141	745	-34	13	180	X	X	X	X	756	-32	12	128
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	754	-31	14	138	745	-38	10	180	744	-42	11	170	747	-37	9	180	751	-39	11	180	X	X	X	X	745	-41	10	180
03	752	-30	13	141	745	-39	11	180	742	-41	13	180	748	-38	8	174	751	-37	10	181	745	-41	14	188	744	-37	9	180
06	751	-29	10	141	745	-42	10	180	742	-39	10	180	749	-39	5	170	750	-36	11	180	745	-42	16	188	743	-37	6	165
09	750	-31	8	158	746	-45	14	180	742	-40	9	161	750	-40	11	179	749	-36	9	149	745	-44	14	180	742	-34	6	170
12	X	X	X	X	746	-47	13	184	743	-41	10	165	751	-40	10	195	748	-36	11	177	745	-43	12	180	741	-37	7	180
15	X	X	X	X	746	-46	14	180	744	-43	14	173	751	-36	7	198	747	-35	12	177	745	-42	11	180	740	-40	9	180
18	745	-36	8	180	746	-46	12	172	745	-41	9	180	751	-37	10	198	746	-32	14	183	745	-42	9	172	739	-41	8	170
21	745	-35	10	179	745	-44	12	181	746	-39	9	167	751	-39	11	180	746	-36	12	180	745	-41	9	180	738	-43	11	180
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	737	-45	8	161	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 = -36.4 STD DEV = 4.5 MAX = -27.9 AT 428 GMT ON DAY 12 MIN = -46.9 AT 1023 GMT ON DAY 16
* PRESSURE (MB) * MEAN = 747.9 STD DEV = 5.0 MAX = 760.7 AT 2236 GMT ON DAY 4 MIN = 736.9 AT 29 GMT ON DAY 22
* WINDS (M/S) * MEAN = 11.6 STD DEV = 3.0 RESULTANT = 10.8 FROM 165. CONSTANCY = .94 MAX = 20.4 FROM 179. AT 159 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 50.0 % PRESSURE: 50.0 % WINDS: 50.0 %

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	1	3	9	17	23	23	17	7	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	30	9	57	2	0	0	0	0	0	0

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

JUL 83

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	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 (F) * MEAN = .0 STD DEV = .0 MAX =****** AT 0 GMT ON DAY 0 MIN =****** AT 0 GMT ON DAY 0
* 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 = .0 STD DEV = .0 RESULTANT = .0 FROM 0. CONSTANCY = .00 MAX =***** FROM***** AT 0 GMT DAY 0
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 100.0 % PRESSURE: 100.0 % WINDS: 100.0 %

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	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STATION : 8918 Windless Bight LAT : 77.7 S LONG : 167.7E ELEVATION : 40 M

FEB 83

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	1007	-11	3	347	996	-8	3	125	983	-12	2	72	991	-16	5	79	998	-13	2	79
03	X	-12	2	116	X	X	X	X	1007	-8	0	0	994	-11	2	117	982	-11	1	75	992	-15	4	37	998	-14	1	45
06	X	X	X	X	1006	-12	3	90	1008	-10	1	180	992	-9	1	101	983	-13	4	60	993	-14	4	69	997	-16	3	69
09	X	X	X	X	1007	-10	5	342	1007	X	3	315	990	-15	2	54	984	-16	2	90	995	-14	5	15	997	-14	3	51
12	X	X	X	X	1007	-13	0	0	1006	-10	4	264	989	-15	0	0	986	-15	3	79	996	-14	2	360	996	-12	3	59
15	X	X	X	X	1007	-14	2	289	1004	-14	1	323	985	-16	0	0	987	-15	4	87	997	-15	2	37	995	-12	1	126
18	X	X	X	X	1007	-13	2	315	1001	-13	1	12	984	-20	1	120	988	-15	6	77	997	-12	2	8	995	-12	3	90
21	X	X	X	X	1007	-11	0	0	998	-7	2	324	984	-17	2	349	989	-16	6	86	998	-14	0	0	994	-11	3	266
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	994	-10	2	243	994	-13	4	79	992	-12	0	0	988	-12	1	86	984	-21	4	104	987	-17	4	79	990	-23	2	360
03	994	-11	1	236	993	-12	4	45	992	-16	6	90	987	-14	3	45	984	-19	0	0	986	-17	5	52	990	-22	4	86
06	994	-13	4	141	992	-15	4	46	991	-15	6	97	987	X	4	79	984	-19	1	90	986	-17	2	45	990	-23	2	77
09	993	-13	5	166	992	-15	0	0	992	-14	3	89	988	-15	4	53	984	-18	2	12	986	-19	1	45	990	-17	1	309
12	993	-14	5	149	992	-14	2	297	991	-15	2	52	988	-17	1	55	985	-17	3	48	987	-20	3	45	990	-20	2	349
15	993	-14	0	0	991	-16	1	349	991	-16	2	120	986	-20	2	68	985	-17	3	75	987	-21	2	82	989	-22	4	339
18	993	-14	4	135	992	-16	1	352	990	-17	3	54	985	-25	0	0	985	-18	4	120	988	-26	2	145	989	-17	0	0
21	994	-13	2	79	992	-19	1	54	988	-15	6	32	984	-21	2	165	985	-18	5	141	988	-24	1	69	989	-20	1	27
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	990	-20	2	90	986	-21	0	0	989	-22	0	0	999	-13	5	53	994	-17	2	62	992	-19	8	53	992	-22	4	53
03	989	-20	3	90	X	-20	0	0	990	-20	2	145	999	-14	8	45	993	-18	2	90	992	-19	5	69	991	-22	5	52
06	989	-21	1	76	985	-22	4	135	991	-19	2	270	999	-15	9	48	992	-17	1	90	993	-20	6	90	990	-24	5	45
09	988	-26	3	90	985	-24	0	0	992	-17	0	0	999	-17	6	54	991	-17	4	24	993	-19	7	45	990	-26	4	45
12	988	-26	1	45	985	-24	0	0	994	-16	0	0	998	-17	6	48	991	-17	2	90	993	-19	6	59	989	-28	4	45
15	988	-32	1	69	985	-24	1	21	996	-16	5	45	997	-17	5	45	991	-17	5	48	993	-20	6	79	988	-26	3	34
18	987	-26	1	69	987	-27	0	0	998	-14	5	17	996	-18	4	54	991	-18	6	90	992	-23	5	54	987	-23	3	31
21	987	-28	0	0	988	-26	0	0	998	-13	8	45	995	-17	3	90	992	-19	6	68	992	-22	5	69	986	-20	2	360

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -17.0 STD DEV = 4.6 MAX = -6.4 AT 2123 GMT ON DAY 10 MIN = -32.9 AT 1544 GMT ON DAY 22
* PRESSURE (MB) * MEAN = 991.8 STD DEV = 6.0 MAX =1008.0 AT 613 GMT ON DAY 10 MIN = 982.3 AT 253 GMT ON DAY 12
* WINDS (M/S) * MEAN = 2.9 STD DEV = 2.0 RESULTANT = 2.1 FROM 62. CONSTANCY = .73 MAX = 9.4 FROM 38. AT 2135 GMT DAY 24
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 29.9 % PRESSURE: 29.9 % 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:	38	33	23	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	7	28	14	22	4	6	2	1	0	1	1	2	1	4	2

STATION : 8918 Windless Bight) LAT : 77.7 S LONG : 167.7E ELEVATION : 40 M

MAR 83

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	-21	2	22	983	-27	0	0	995	-15	7	97	1003	-16	4	90	997	-20	1	79	991	-19	4	349	981	-14	3	278
03	983	-22	1	104	983	-23	0	0	997	-13	5	101	1002	-18	2	49	997	-19	3	54	990	-22	3	101	982	X	4	280
06	981	-22	3	65	984	-22	1	15	998	-13	5	70	1002	-16	1	101	997	-20	5	89	989	-22	1	360	985	-21	5	90
09	981	-25	1	360	985	-18	1	24	999	-12	0	0	1001	-22	0	0	997	-21	4	90	987	-26	1	233	988	-28	6	89
12	981	-32	0	0	987	-15	1	76	1001	-15	3	83	1000	-20	3	45	997	-21	4	72	986	-25	2	332	989	-30	4	66
15	981	-33	1	201	989	-16	4	360	1001	-15	2	69	998	-21	1	360	996	-21	5	79	985	X	2	289	989	-30	3	46
18	982	-32	0	0	991	-15	1	212	1002	-14	3	54	998	X	1	22	994	-21	4	90	983	-16	4	309	988	-31	4	79
21	982	-27	1	22	993	-14	0	0	1003	-16	3	94	997	-25	1	301	993	-21	6	83	982	-15	3	330	989	-31	0	0
		DAY	8			DAY	9			DAY	10			DAY	11			DAY	12			DAY	13			DAY	14	
00	989	-28	1	226	984	-19	1	333	983	-23	2	346	974	-16	1	360	988	-28	5	69	986	-19	2	90	983	-26	1	360
03	988	-23	0	0	984	-16	5	356	982	-17	0	0	973	-15	2	330	987	-26	5	90	985	-19	3	52	982	-26	3	360
06	988	-20	0	0	983	-17	3	339	981	-19	1	326	973	-20	2	323	988	-23	2	90	985	-18	2	90	982	-26	2	360
09	988	-23	3	360	984	-15	2	180	980	-19	2	301	973	-19	3	342	988	-23	2	359	985	-21	3	45	982	-26	2	22
12	987	-20	1	332	983	X	1	339	979	-17	1	289	974	-22	0	0	989	-21	1	305	985	-21	5	79	982	-29	3	342
15	986	-15	2	21	983	-18	1	321	977	-19	2	22	978	-16	9	180	988	-19	0	0	984	-20	6	90	981	X	0	0
18	985	-16	0	0	982	-14	2	359	976	-20	1	87	984	-21	2	225	989	-20	4	45	984	-23	4	77	980	X	3	12
21	985	-22	1	15	982	-26	1	90	975	-20	1	349	986	-29	9	49	988	-19	4	93	983	-26	2	45	980	-22	2	291
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	980	-20	4	72	979	X	1	330	982	-21	5	10	978	X	1	360	981	-27	2	101	974	-23	2	270	976	-20	5	258
03	980	-19	1	45	979	-13	1	280	980	-14	1	294	977	-25	0	0	980	-25	4	90	973	-25	1	270	978	-19	4	270
06	979	-22	1	90	980	-11	2	360	981	-17	2	108	978	-23	1	155	980	-25	1	46	972	-27	2	334	979	-17	0	0
09	979	-24	0	0	981	-14	1	270	980	-17	2	69	978	-22	1	69	979	-23	2	41	971	-30	0	0	980	-20	2	3
12	979	-21	1	22	982	-15	3	111	980	-20	4	360	980	-20	1	210	977	-22	0	0	971	-28	0	0	981	-24	2	45
15	979	-26	1	56	982	-20	4	89	979	-16	0	0	981	-22	2	360	976	-19	3	180	971	-22	2	301	X	X	X	X
18	978	-23	1	360	981	-15	1	334	979	-21	3	79	982	-20	2	201	976	-23	1	145	973	-22	0	0	X	X	X	X
21	979	-28	2	60	981	-22	4	79	978	X	6	79	982	-23	4	79	975	-24	1	260	974	-21	0	0	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 = -20.9 STD DEV = 4.6 MAX = -10.9 AT 557 GMT ON DAY 16 MIN = -33.9 AT 757 GMT ON DAY 20
* PRESSURE (MB) * MEAN = 984.2 STD DEV = 7.5 MAX =1003.5 AT 2225 GMT ON DAY 3 MIN = 970.9 AT 1407 GMT ON DAY 20
* WINDS (M/S) * MEAN = 2.3 STD DEV = 1.7 RESULTANT = 1.2 FROM 50. CONSTANCY = .51 MAX = 11.8 FROM 197. AT 1526 GMT DAY 11
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 37.1 % PRESSURE: 33.5 % WINDS: 33.5 %

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:	52	33	12	2	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	15	8	11	9	23	2	1	1	2	3	2	1	6	5	4	9

STATION : 8918 WINDLESS BIGHT LAT : 77.7 S LONG : 167.7E ELEVATION : 40 M

DEC 83

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	988	0	1	59	986	-1	3	282
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	985	-2	3	248	988	0	1	359	986	1	3	297
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	986	-3	3	225	988	1	0	0	986	0	1	273
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	987	-4	2	270	989	-2	3	54	986	-2	4	180
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	988	-6	0	0	989	-7	2	360	988	-1	2	248
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	988	-5	5	291	988	-4	1	17	987	-1	4	360
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	989	-2	2	360	988	-3	2	259	986	0	6	360
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	988	2	1	15	987	-3	0	0	985	2	4	360
		DAY	15			DAY	16			DAY	17			DAY	18			DAY	19			DAY	20			DAY	21	
00	984	3	1	360	980	0	1	90	981	-4	2	135	985	-4	2	12	988	-3	2	22	986	-3	2	108	987	-9	2	86
03	983	3	2	360	980	0	1	45	981	3	0	0	985	-3	1	25	988	-2	1	360	986	-4	3	79	988	-7	1	54
06	982	1	2	225	980	-1	0	0	981	-2	1	45	985	-3	1	101	987	-2	1	15	986	-2	0	0	988	-7	2	90
09	981	-1	2	255	980	-2	0	0	981	-3	1	343	986	-3	0	0	987	-2	0	0	985	-4	1	325	989	-8	4	90
12	981	-2	1	330	980	-7	2	62	982	-4	1	90	986	-5	0	0	987	-4	1	25	985	-9	5	108	990	-10	3	100
15	980	-7	1	225	980	-5	1	34	982	-5	2	104	986	-6	1	72	986	-4	2	360	985	-11	3	90	990	-14	1	93
18	980	-6	1	17	980	-9	1	90	983	-6	1	69	987	-4	0	0	987	-3	0	0	986	-11	2	101	990	-11	0	0
21	980	-1	1	360	981	-4	0	0	984	-4	1	94	988	-3	1	22	986	-3	1	158	987	-11	3	70	991	-9	1	45
		DAY	22			DAY	23			DAY	24			DAY	25			DAY	26			DAY	27			DAY	28	
00	991	-6	2	15	995	-1	0	0	994	-1	0	0	995	-9	6	90	997	-10	3	111	980	-4	1	12	980	-6	3	360
03	992	-4	0	0	995	-1	1	96	993	0	1	339	997	-9	6	79	995	-9	2	90	980	-2	1	13	979	-3	2	360
06	993	-3	1	360	996	-3	1	118	992	-1	1	283	997	-10	5	83	993	-9	1	69	979	-3	0	0	978	-2	2	274
09	993	-5	1	37	996	-3	0	0	992	-2	1	288	998	-11	3	65	990	-9	0	0	979	-5	0	0	978	-3	1	289
12	X	X	X	X	996	-8	0	0	991	-4	0	0	998	-11	3	23	988	-10	1	360	980	-5	0	0	977	-3	2	84
15	X	X	X	X	995	-11	1	49	991	-7	1	324	998	-11	2	54	985	-9	2	360	979	-9	0	0	975	-6	3	360
18	X	X	X	X	995	-8	1	34	993	-7	1	139	998	-11	2	90	983	-9	2	349	980	-6	2	287	973	-5	3	350
21	994	-5	1	360	995	-3	1	330	994	-7	3	118	998	-10	2	66	981	-7	1	330	980	-9	3	90	972	-2	0	0
		DAY	29			DAY	30			DAY	31																	
00	972	-3	4	27	973	-3	4	238	981	-6	1	108																
03	971	-2	2	141	974	-3	1	156	981	-5	1	37																
06	971	-3	2	90	975	-4	1	360	980	-7	3	45																
09	971	-5	2	20	977	-6	1	225	X	X	1	37																
12	971	-6	1	270	979	-9	2	165	979	-7	1	324																
15	971	-6	1	145	980	-9	1	329	978	-7	0	0																
18	972	-6	3	330	981	-10	3	270	980	-6	1	214																
21	972	-3	3	309	981	-9	1	309	980	-4	2	330																

MONTHLY SUMMARY

* TEMPERATURE (C) * MEAN = -4.7 STD DEV = 3.4 MAX = 4.2 AT 2239 GMT ON DAY 14 MIN = -14.1 AT 1419 GMT ON DAY 21
* PRESSURE (MB) * MEAN = 985.1 STD DEV = 6.7 MAX = 998.0 AT 1019 GMT ON DAY 25 MIN = 970.6 AT 1339 GMT ON DAY 29
* WINDS (M/S) * MEAN = 1.6 STD DEV = 1.3 RESULTANT = .6 FROM 35. CONSTANCY = .38 MAX = 7.9 FROM 187. AT 629 GMT DAY 14
* MISSING 3-HOURLY OBSERVATIONS * TEMPERATURE: 37.5 % PRESSURE: 37.5 % 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:	71	25	4	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	16	12	10	6	17	5	3	2	1	0	4	3	5	5	4	6

V. Field Report -- Ross Island and Inland Sites

Antarctic Automatic Weather Stations

AS 82-83

Field Report, McMurdo Area
Penisula Area Deployment

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Table of Contents

Itinerary, McMurdo area

28/12/82	Leave Madison, Wisconsin
31/12/82	Arrive McMurdo
4/01/83	Visit Jimmy Site to install beacon for helicopter ADF testing.
5/01/83	Visit Jimmy Site to remove AWS 8911 and three boxes of three 12 vdc batteries.
6/01/83	Marble point then to Asgard to remove AWS 8908 and terminate the site.
10/01/83	Laurie Site to remove AWS 8910 and install AWS 8911 after conversion to 12 vdc.
14/01/83	Manning Site after starting for Meeley.
17/01/83	Establish Nancy Site near White Island with AWS 8908 which measures relative humidity and has been converted to 12 vdc power.
18/01/83	Meeley Site by helicopter to install beacon, batteries, and solar panels.
20/01/83	Aborted trip to Dome C by C-130. Flew down Byrd Glacier on return flight.
24/01/83	Laurie Site to install AWS 8911 after wiring correction and find Ferrell Site.
25/01/83	Whitlock Site on Franklin Island by helicopter from the Glacier.
28/01/83	Install box and tower at new Jimmy Site in the Windless Bight at Bucky Wilson's RTG.
30/01/83	Stearns and Weidner leave for Christchurch N.Z.
9/02/83	AWS 8918 installed at Jimmy Site.

MCMURDO AND PENISNULA AREAS.

AWS 8908 and AWS 8911 were converted to 12 vdc operation.

Nancy Site was installed near White Island.

Jimmy Site was relocated to Windless Bight.

Whitlock on Franklin Island was visited.

Ferrell and Meeley sites were found.

Asgard Site was removed.

Marble Point and Manning were visited.
Ice Rise and Spine sites were installed at the Antarctic Pensinsula.

Fig 1 gives the location of the AWS units in the vicinity of McMurdo. Each site has a name which stays with the site and the center of the circle has the last two digits of the AWS ID. This year two different AWS units were at Jimmy and Laurie Sites and AWS unit 8908 has been at two different sites. As the stations stop operating and/or need modification at McMurdo, there will continue to be considerable shuffling. Modifications to units can not be made in the field. A unit already modified and operating will have to be taken out to the site, installed and the previous unit returned to McMurdo for future modification. So the rule will be that the site name remains while the ID changes. Fortunately this can happen only once each year. Fig 2 shows the AWS unit located at the Ice Rise on the Larsen Ice Shelf and proposed future locations for the AWS units. Fig. 3 shows the continent wide AWS units and Fig 4 a possible deployment in the vicinity of Byrd Glacier. No additional deployments should be made until the causes of the recent AWS problems can be resolved.

STATION TOLERANCES

The units should be calibrated each time that they are visited. These calibrations are not going to agree and one does not want to change the entire data set each year nor does one really know which calibration is the most accurate.

The tolerances suggested are those of the WMO for synoptic meteorology and are plus or minus the following values.

Pressure	1 mb
Temperature	.5 C
Wind speed	1 m/s
Wind direction	10 deg
Relative Humid.	5 %

Based on the above tolerances the data will not be changed unless the new calibration is outside of the above tolerances. A record of all calibration data in the lab and in the field will be maintained at Wisconsin and is available to anyone on request. In the future, one person should devote his/her time at the sites to recording calibration data at ten minute intervals. Every-body runs around doing something that is useful and we find on our return that not enough data was recorded or it was forgotten altogether. Also the pressure gauges should be checked against the McMurdo pressure prior to and after each trip to a site to determine if anything has happened to the pressure gauges during the trip. An additional benefit is that there is a chance of determining the elevation of the sit relative to McMurdo. The time on the ground at one of the Ross Ice Shelf sites is usually of the order of two hours so that measurements made every ten minutes with or without the Argos test set will be sure to catch the satellite pass.

Table 1. Current AWS Deployment

McMurdo area

Site	AWS ID	Location	Elevation	Start	Stop
Manning	8905	78.77 S, 166.85 E	66 m	25/11/80	
Marble Pt	8906	77.43 S, 163.75 E	120 m		
Ferrell	8907	78.02 S, 170.80 E	44 m	10/12/80	
Nancy	8908	77.91 S, 168.17 E	30 m	17/1/83	
Laurie	8911	77.55 S, 169.90 E	27 m	23/1/83	
	8910			15/12/81	18/4/82
Jimmy	8911	77.80 S, 166.72 E	200 m	7/12/81	20/7/82
	"	"	"	24/10/82	5/1/83
Windless Bight	8918	77.75 S, 167.67 E	40 m	9/2/83	21/3/83
Whitlock	8913	76.08 S, 168.33 E	274 m	23/1/82	
Meeley	8915	78.52 S, 170.18 E	49 m	4/12/80	
Asgard	8908	77.60 E, 161.15 E	1750 m ?	1/2/80	6/1/83
Other AWS units					
Dome C	8904	74.50 S, 123.00 E	3280 m	4/2/80	31/1/83
Byrd	8903	80.00 S, 120.00 E	1530 m	/2/80	
Siple	8909	75.90 S, 84.30 E	900 m	1/1/82	
Peninsula Area					
Ice Rise	8912	66.90 S, 60.60 W	50 m ?	7/2/83	
Spine	8919	67.60 S, 66.00 W	1540 m ?	9/3/83	20/3/83

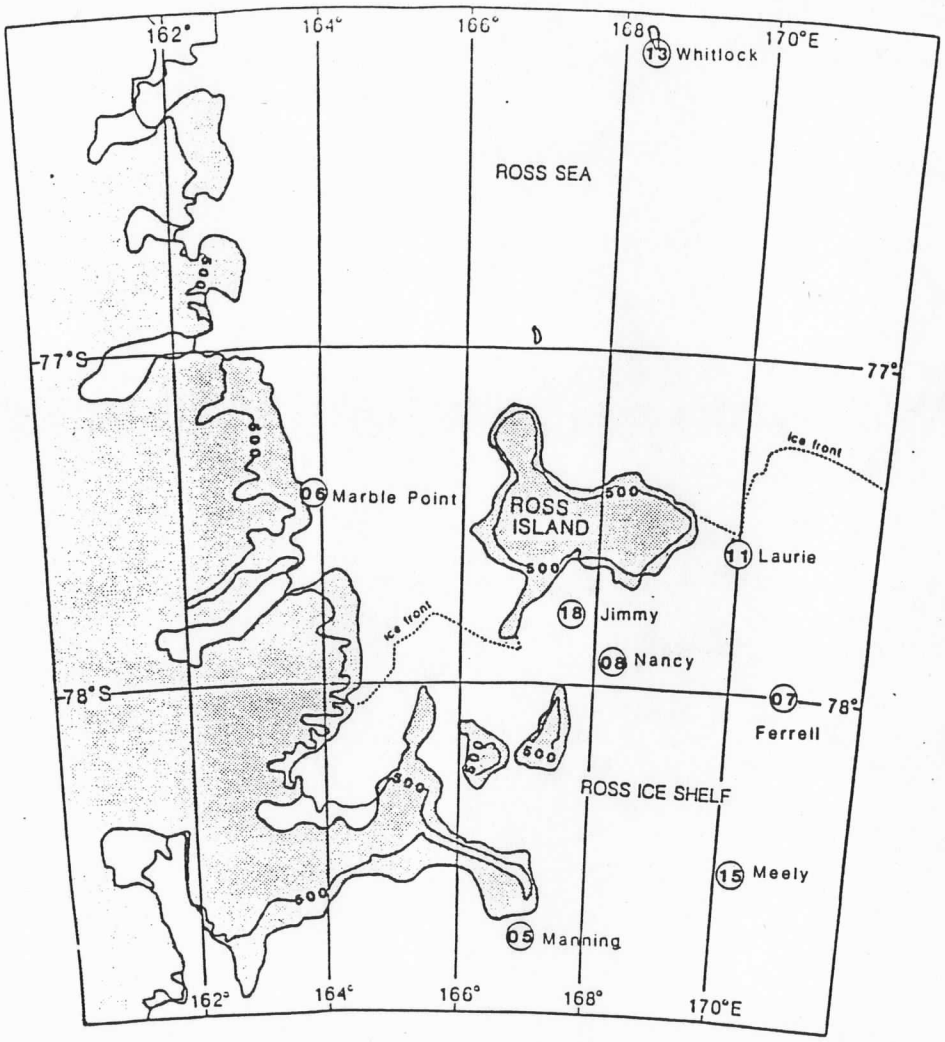

Fig 1. Map showing the locations of the AWS units in the McMurdo area as of 1/2/83. The last two digits of the Id are inside the station circle and the name of the site is to one side. Refer to Table 1 for more detailed information.

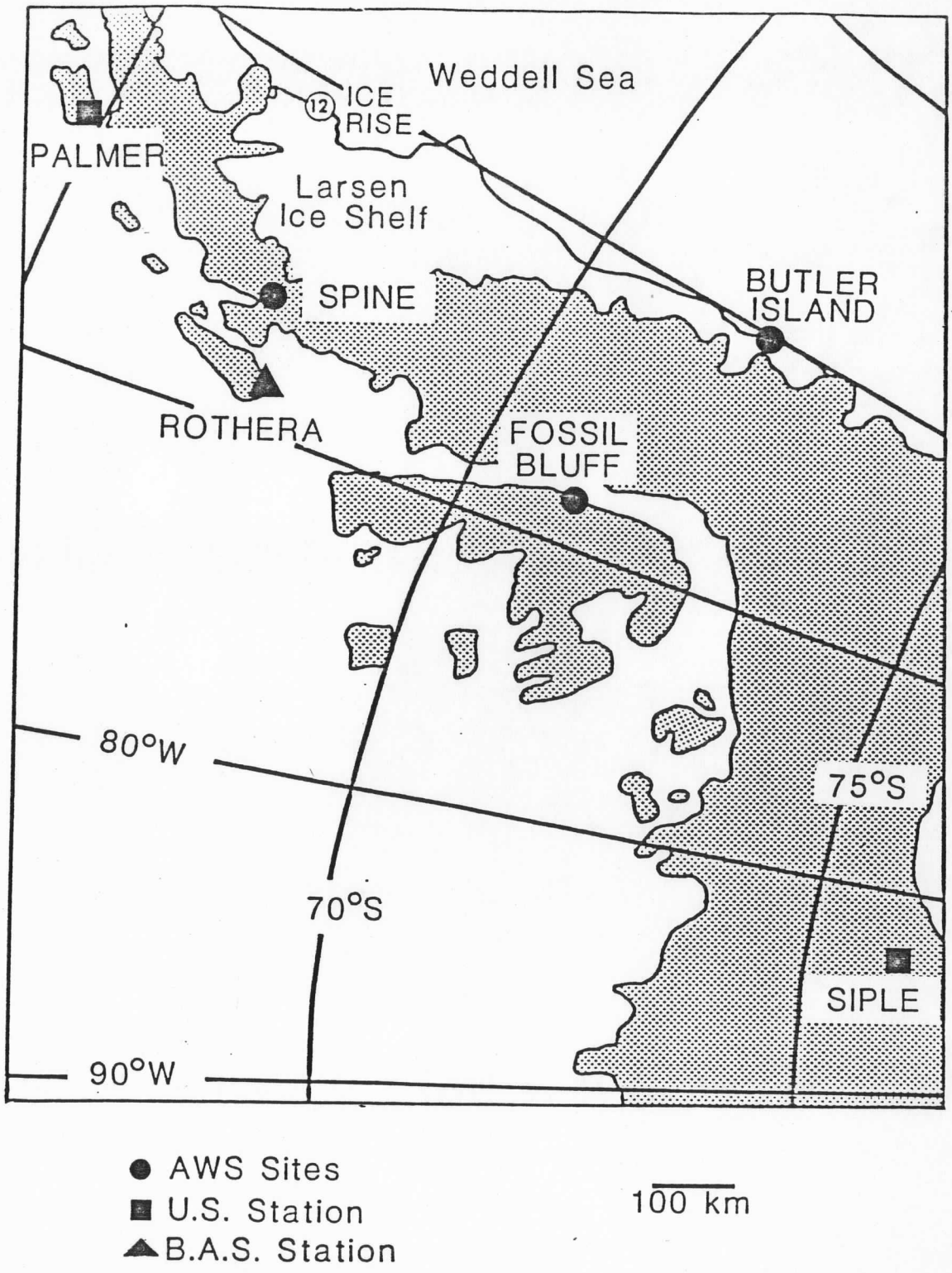

Fig 2. Map of the AWS units in the vicinity of the Antarctic Peninsul which are being installed by the British Antarctic Survey. AWS 8912 at the Ice Rise on the Larsen Ice Shelf is the only unit operating.

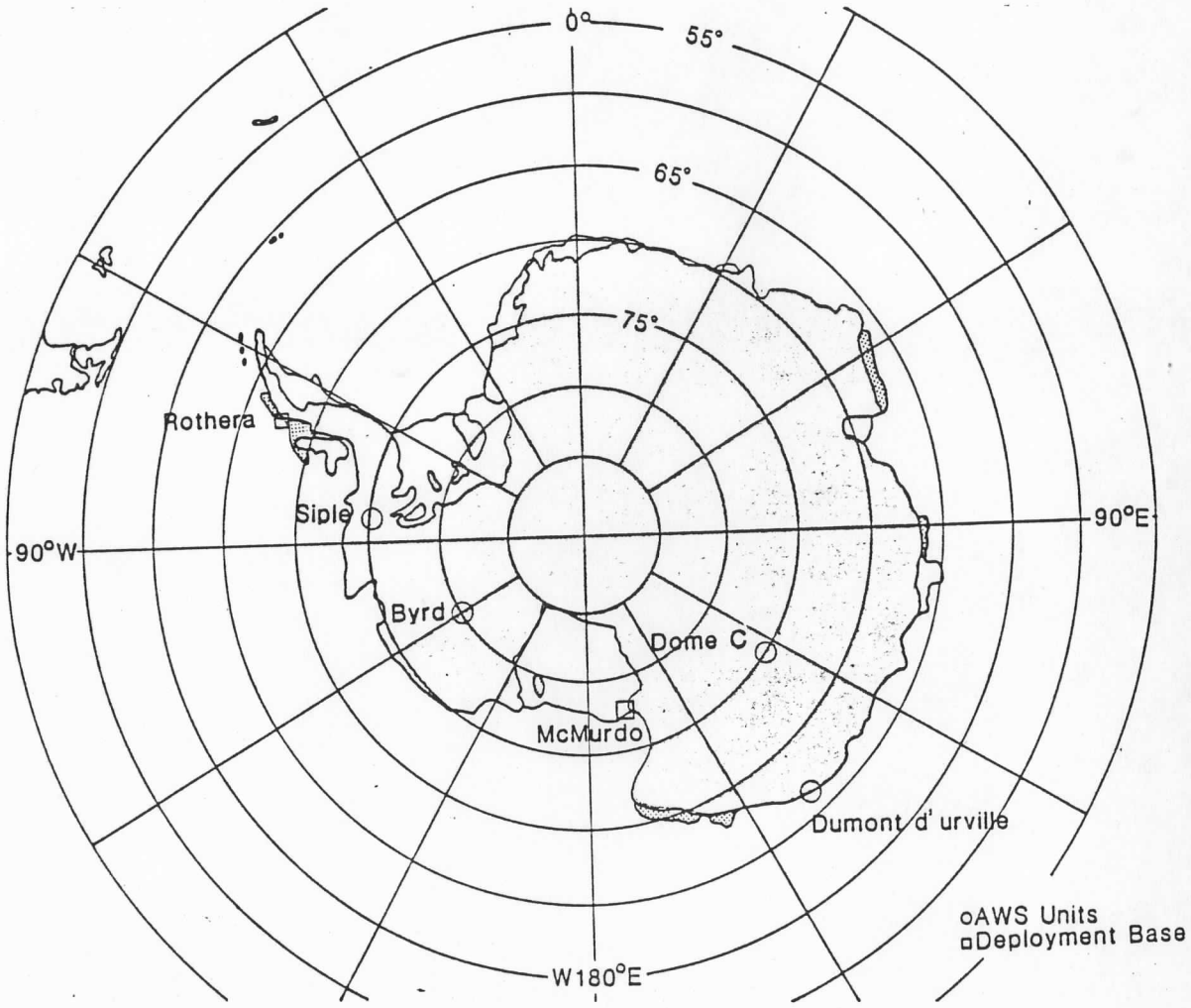

Fig 3. Map of the Antarctic Continent showing the location off the AWS units not shown on Fig 1 and 2 or associated with deployment from Dumont d'Urville. AWS 8904 at Dome C stopped transmitting 31/1/83 after three years of flawless operation recording a low temperature of -82.2 C

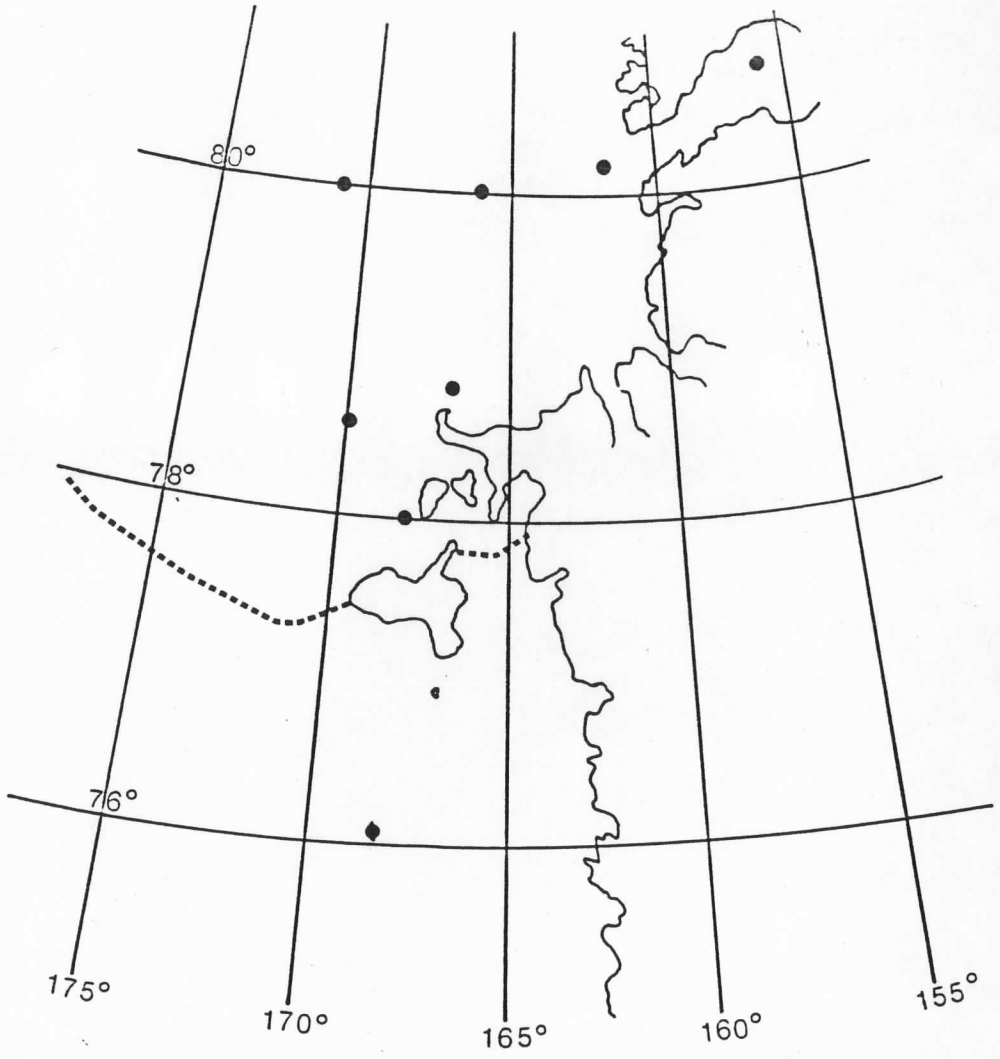

Fig 4. Possible future deployment of AWS units in the vicinity of Byrd Glacier in AS83-84 and AS 84-85. The units remaining in the vicinity of Ross Island are also shown. The purpose is to study the barrier wind.

Marble Point AWS 8906

6/01/83 77.43 S, 163.75 E, 120 m

Aerovane 11-80-07 removed. 9.22 vdc @ 1800 rpm

Aerovane 03-78-14 installed. 9.20 vdc @ 1800 rpm

Field Calibration;

Item	Test Set	Measured	Corection AS 82-83	Corection AS 81-83
Air temperature	-1.0 C	0.8 C	+1.8 C	+0.5 C
Pressure	977.4 mb	978.3 mb	+0.8 mb	+.5 mb
Wind speed	Wind speed(m/s)=.2303*(#bits)-0.161			
Wind direction	0 =north, increasing clockwise			0

Site was visited on the way to Asgard. The visibility was poor. The station was in good condition with the barrel anchors in place and the guy wires tight.

Asgard AWS 8908

6-01-83

Aerovane 11-80-11 removed

The station was removed after the visit to Marble point and all items including the barrels and RTG were removed. AWS 8908 was subsequently modified to operate on 12 vdc power and reinstalled at Nancy Site along with the humidity element which was rechecked at McMurdo before deployment to Nancy Site.

Manning AWS 8905

14/01/83 78.77 S, 166.85 E, 30 m(est)

Aerovane 03-78-10 removed

Aerovane 12-78-09 installed

Field Calibration;

Item	Test Set	Measured	Correction AS 82-83	Correction AS 81-82
Air temperature	-8.5 C	-7.8 C	+0.7 C	-0.6 C
Pressure	983.2 mb	983.2 mb	.0 mb	-0.5 mb
Wind speed	Wind speed (m/s) = .2397 *(3bits) - .127			
Wind direction	North = 0, increasing clockwise		0	

Manning was the alternate for a trip originaly planned for Meeley. The station was spotted by Slotten. The RTG was below the snow level about 50 cm. The minimum thermometer installed last season had the wire in the bottow as did all others. The box as raised one tower rung or about 15 inches The sensor cable was not long enough to extend the tower another 5 feet. This should be done next season and the RTG should be lifted onto a platform. When raising the tower, new anchor boards and guys will be needed. The snow accumulation from 11/80 to 11/81 was 64 cm and from 11/81 to 1/83 was 37 cm.

Nancy Site AWS 8908

17/01/83 77.91 S, 168.17 E, 30 m (est)

Aerovane 11-80-07 installed

Beacon Frequency 235.8 mHz

Field Calibration;

Item	Test Set	Measured	Correction
Air temperature	-4.3 C	-4.9 C	-.6 C
Pressure	993.5 mb	994.8 mb	+1.3 mb
Wind speed	Wind speed (m/s) = 2297* (#bits) +.466		
Wind direction	North = 0, increasing clockwise		0

This is a new site. Power is three boxes of three twelve volt batteries charged by a 10 watt solar panel. A beacon transmitter was installed. The guys were fifty feet of chain going to boards 2 x 4 feet anchored in the snow. Snow level after installation was 15 inches up on the tower at the level of the first rung from the bottom. The site is north of the desired location but should be satisfactory.

Meeley Site AWS 8915

18/01/83 78.52 S, 170.18 E, 30 m (est)

Aerovane 12-78-10 removed

Aerovane 03-78-09 installed

Beacon Frequency 235.65 mHz

Field Calibration;

Item	Test Set	Measured	Correction
Air temperature		-2.5 C	
Pressure	987.9 mb	987.5 mb	-0.5 mb
Wind speed	Wind speed (m/s) = .2296*(#bits) -.508		
Wind direction	North= +353.6 deg, increasing clockwise		+6.4 deg

The site was not serviced last season. The old batteries were charged briefly and the new box of 12 volt batteries and the solar panel were installed and checked to see that the connection were correct. The new battery was buried on top of the old batteries. The beacon transmitter was installed. The flag on the bamboo pole on the tower was ragged and may have interferred with the wind measurement. This is only speculation but the torn rag could have tangled with the prop. Boom height above the snow was about 9 feet. The aerovane prop was rubbing on the decal which could have decreased the wind speed. There was a slight hollow in the snow(5 cm) at the tower base. The guys were in good shape and the tower was erect. Snow accumulation data is not available because time did not allow photographs to be taken during installation in AS 80-81.

Ferrell Site AWS 8907

24/01/83 78.02 S,170.80 E, 20 m (est)

Aerovane 03-78-08 was removed

Aerovane 12-78-16 installed

Beacon Frequency 235.2 mHz

Field Calibration;

Item	Test Set	Measured	Correction
Air temperature	Argos test set not available		
Pressure			
Wind speed			
Wind direction	North = 0, increasing clockwise		0

Comments

Field calibrations were not done because the Argos test set was on the Glacier for the trip to Franklin Island. The beacon transmitter was installed. The station was in excellent condition and snow accumulation from 12/80 to 1/83 was 110 cm.

Whitlock Site AWS 8913

25/01/83 76.08 S, 168.33 E, 221 m (By barometric difference)

Aerovane 00-00-00 Left in place because screws would not come out.

Field Calibration;

Item	Test set	Measured	Correction
Air temperature	-4.8 C	-4.5 C	+0.3 C
Pressure	954.3 mb	953.7 mb	-0.6 mb
Wind speed	Use previous calibration		
Wind direction	North = 346 deg, increasing clockwise		+14 deg

Aerovane could not be removed. The tower was leaning slightly to the north. The barrell anchors did not have weights in them and were not actually anchoring the tower. An snow anchor board to the south and an additional line to the battery box to the south west were installed. The tower base was frozen into the ice which was doing the actual anchoring. The snow must melt during the summer. 400 lbs of weight should be carried out next year to anchor the barrels along with an entire boom assembly to replace the aerovane.

Laurie Site AWS 8911

10/01/83 77.55 S, 169.9 E, 30 m

Aerovane 12-78-09 removed

Aerovane 03-78-07 installed

Beacon Frequency 235.5 mHz

Field calibration;

Item	Test set	Measured	Correction
Air temperature	Argos test set not available		
Pressure	" " " " "		
Wind speed	Wind speed (m/s) = .2352*(#bits)-.470		
Wind direction North = 0, increasing clockwise			0

The AWS unit had stopped transmitting the previous April. The power was okay. AWS 8910 was removed and AWS 8911 was installed after conversion to 12 vdc. The old batteries were removed and three boxes of 12 vdc batteries and a 10 watt solar panel were installed. A beacon transmitter was installed although the station is easily found. The tower was well anchored with no signs of stress on the tower. The liquid column was broken in the minimum thermometer. The modification to AWS 8911 had not been made correctly and two other trips to the site were required before the station operated correctly on 23/01/83. The snow accumulation from 11/81 to 1/83 was 38 cm.

Jimmy Site (Windless Bight) AWS 8918

9/02/83 77.75 S, 167.67 E, 30 m (est)

Aerovane 03-78-09 removed when at Starr Glacier

Aerovane 11-80-09 installed

Field Calibration;

Item	Test set	Measured	Correction

Calibration was not done at time of installation. Use initial method for processing data.

Jimmy Site was removed from Starr Glacier above McMurdo on 5/1/83 and relocated at Bucky Wilson's RTG at Windless Bight. The site was installed without the AWS unit on 9/2/83. Mike Savage installed AWS 8918 on 9/2/83 upon his return from Dumont d'Urville. AWS 8918 was questionable and only operated for 40 days stopping on 21/03/83.
at Bucky Wilson's RTG at Windless Bight. The site was installed without the AWS unit on 9/2/83. Mike Savage installed AWS 8918 on 9/2/83. AWS 8918 was found not to be operating perfectly and operated for about 40 days stopping on 21/03/83 after being turned on 9/02/83.

Byrd AWS 8903

Location 80.0 S, 120.0 E, 1530 m

Aerovane 00-00-01 in place

This site was not visited in AS 82-83

The snow accumulation from Dec 80 to Dec 81 was 71 cm.

Dome C AWS 8904

Location 74.50 S, 123.00 E, 3280 m

Aerovane 03-78-05 in place

This site was not visited in AS 82-83 due to fog at the surface which prevented landing the C-130. The AWS unit stopped transmitting on 31/01/83 and showed signs of trouble about 1/01/83 when the temperature data became erratic. A new station will be constructed for installation in AS 83-84 using the same ID.

Siple AWS 8909

Location 75.90 S, 84.30 E, 900m

Aerovane 03-78-12 in place

The site was not visited in AS 82-83 due to transportation problems. Two five foot tower sections were sent to Siple so that the tower could be raised by the station people according to their judgement. The snow was at the top of the box in January 83 or about five feet deep. In AS 83-84 the station should be converted to 12 vdc and powered by batteries and solar panel. The tower height should be increased at that time enough to survive the accumulated snow for three years.

Antarctic Peninsula

Ice Rise, Larsen Ice Shelf AWS 8912
Antarctic Peninsula

7/02/83 66 deg 57's, 60 deg 36' W, 50 m estimated

AWS 8912 is operating satisfactorily. Calibration data at the site is not available yet.

Spine AWS 8919

9/03/83 67 deg, 39'S, 66 deg,05'W, 1680 m

AWS 8919 was installed although it was known that the pressure was not being measured correctly. The unit subsequently failed 20 /03/83

Butler Island AWS 8902

This unit was deployed by the BAS but upon installation at Butler Island the unit did not operate. The unit was removed leaving the tower and other equipment in place on Butler Island and will be returned to Wisconsin for repairs.

AWS units not operatating

AWS 8902

This unit has failed and will be returned to Wisconsin for repairs and then returned to the BAS in AS 83-84

AWS 8904

This unit failed at Dome C on 31/01/83. A new unit should be constructed to operate on the RTG and with the same ID for installation at Dome C in AS 83-84.

AWS 8910

This unit failed at Laurie Site in April 82 and has been returned to Wisconsin. This unit will be repaired, modified for 12 vdc operation and used for testing the relative humidity and temperature difference installation proposed for the next year. Cause of failure needs to be determined.

AWS 8911

This unit was installed at Laurie Site after conversion to 12 vdc operation in AS 82-83. The unit failed on 28/3/83.

AWS 8914

AWS 8916

AWS 8917

This unit is not operating and is to be returned to Wisconsin for repairs.

AWS 8918

This unit is not operating and a replacement unit will be constructed to operate on 12 vdc and include moisture and vertical temperature

difference for installation in AS 83-84. The same ID will be used.

AWS 8919

Aerovane Record AS-82-82

number	from	to	slip	bear	brush	pot
00-00-00		Whitlock 1/82				
00-00-01		Byrd 12/81				
03-78-05	Ferrell AS 81-82	Dome C				
03-78-07	Dome C	Laurie	#	#		#
03-78-08	Ferrell	M				
03-78-09	Jimmy	Meeley			#	#
03-78-10	Manning	M				
03-78-12		Siple 01/82				
03-78-14	Byrd 12/81	Marble Pt				
03-78-16	Asgard 12/80					
12-78-09	Laurie	Manning				#
12-78-10	Meeley	W		#	#	#
12-78-16		Ferrell				#
11-80-07	Marble Pt	Nancy				
11-80-09		Jimmy				
11-80-11	Asgard		#			#

M In inventory at McMurdo and needs to be repaired
Item repaired
W Returned to Wisconsin with a slow tachometer

Inventory- McMurdo

2 extension cords- 4 plug about 20 feet long

1 extension cord 8 plug about 3 feet long

1 6 vdc, 10 W solar panel which can be converted to 12 vdc

3 6 vdc gel cell batteries

1 12 volt gel cell battery

3 12 vdc battery boxes 3 batteries each for Siple wired for 6 pin plug

1 6 vdc battery box with 10 batteries wired for 12 vdc with small 3 pin plug

2 empty battery boxes

2 3 foot tower sections -could be base of tower

8 5 foot tower sections

1 7 foot tower section

1 1800 rpm motor for spin test of aerovanes

Aerovane parts

6 pots, new

9 bearing sets, new, large and small

allen wrenches

spline wrenches

3 brush sets, new

3 rubber gaskets for base

2 aerovanes 12-78-10 and 3-78-008 not repaired

4 props for aerovanes

4 aerovane mounting posts

1 roll of mylar tape, aluminized

Inventory, shipped to Madison

Gray tool box
with assorted tools

Blankenship's case

Martha's case

Model 5121 humidity probe

Frequency meter

Brunton compass and tripod

Orys soldering iron

AWS calibration boxes

Shunt regulator, broken

Moisture monitor

Tip Decoder

drill

Inverter

12 vdc power supply

Camera tripod

Barometer cases

Electronic components

4 generator anemometers

Aerovane 12-78-10 which has the slow tachomoter.

Aerovane parts needed for next year

Brushes

Screws for base and prop

Slow tachometer fixed

Modifications for the AWS units for AS 83-84

1. The humidity probe used on AWS 8908 at the Asgard Site apparently operated satisfactorily. After removal from Asgard the circuit for the humidity probe was studied and it should be possible to make a similar circuit for future probes on the presently deployed AWS units. A chip Intersil 7606 can be used to amplify the signal and send it to the channel previously reserved for humidity. The data from previous updates will not be stored for previous updates. Only the last update will be transmitted.

The electronics need to be assembled prior to the trip to Antarctica then the stations will have to be modified at McMurdo or Rothera. The sensor will have to be mounted on the boom near the temperature sensor. An additional plug may need to be installed on the electronics box. The power consumption is slightly greater but should not be a problem and depends upon the design of the circuitry which has yet to be determined.

2.AWS 8909 at Siple needs to be modified for 12 vdc power as was successfully done this past season for AWS 8908 and 8911.

3. The vertical air temperature from about 50 cm to about 3 m could be used to determine the vertical flux of sensible heat using the appropriate theory and the wind speed. The vertical temperature difference can be measured using a five junction set of thermocouples and the Intersil 7606 chip. It is expected that the vertical temperature difference can be determined to better than 0.1 C. The method has been tried on Plateau Station data and appears to give reasonable values for the vertical sensible heat flux. This

modification would be similar to the moisture measurement and would used one of the channels previously used for battery voltage.

4.Another possible modification is to modify the read only memory in the AWS unit. The modification would be to not measure and store the internal temperature for the previous 4 updates as the temperature is only needed to 1.0 C in order to correct the pressure data for temperature to within 0.1 mb as the internal temperature changes slowly. Then one could store wind speed and direction for the last 4 updates as this information would be more useful to the meteorologist. Another way to obtain more data is to remove the check sum from the program. One should be wary of modifying the read-only-memory on a system that is working so very well. A mix of stations with different formats would increase the complexity of the data processing but not to a large extent.

5. An additional possibility is to design a new station operating system that would include everything that any body could possibly want.

Data Word

The present data word is as follows:

```
                        [       +10         ][       +20         ][ +30]
   1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2

1  [ T external (12)      ] [ T internal(12)       ] [ Checksum(8) ]

2  [ Pressure   (16)                ] [ P(-10)(8)  ] [ Checksum(8) ]

3  [ Speed(8)     ] [ Direction(8)] [  RH(8)       ] [ Checksum(8) ]

         External Temperature Difference
4  [T(-10)(6)] [T(-20)(6)] [T(-30)(6)] [T(-40)(6)] [ Checksum(8) ]

         Internal Temperature Difference
67 [T(-10)(6)] [T(-20)(6)] [T(-30)(6)] [T(-40)(6)] [Checksum(8)  ]

6  [ P(-20)(8)    ] [ P(-30)(8)    ] [ P(-40)(8)    ] [ Checksum(8) ]

7  [Mean Wind(8) ] [Vect Dir(8)  ] [ Cycle(8)     ] [ Checksum(8) ]

8  [Battery(8)    ] [ Zener(8)     ] [ Heater(8)    ] [ Checksum(8) ]
```

The above was the first data word for the AWS IIA units and has worked very well. It was designed prior to any experience with the Argos system and as a result the transmission had a large number of checksums so that it would be possible to recover the data if it was garbled during the transmission. Based on three years of experience the data is transmitted so well that at most only one check sum would be needed. This would make available seven 8 bit words for data. The internal temperature is needed to only 1 C in order to correct the pressure data for temperature to 0.1 mb and the internal temperature changes less than 1 C in 40 minutes so the past internal temperature does not need to be stored. This makes available three 8 bit words. In addition only the battery voltage is needed and the zener and heater make another two 8 bit words available for a total of twelve 8 bit words. These words could be used for four values of

relative humidity leaving eight unused 8 bit words. The mean wind speed and direction could be replace by four past values each leaving two unused words. These could be used for measuring the vertical temperature gradient. Some packing could be done by using differences from the mean value as is done for pressure and temperature at the present time. The above changes would require reprogramming the read-only memories and might be limited by the memory in the unit. Another change that could be made is in the intervals between updates which is now 3 times the transmission interval, nominally 200 sec. This could be changed to 6 times which would result in virtually continuous coverage by the satellites as the interval between passes is of the order of one hour and the storage above would provide 80 minutes of past data at a nominal 20 minute interval. This is something that needs to be decided by all and would take place only by rotating AWS units between sites.

Trip Report

Adélie Land, Antarctica

24 December 1982 - 7 February 1983

Michael L. Savage

Meteorology Department

University of Wisconsin

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SUMMARY

Four automatic weather stations (AWS) have been deployed in Adelie Land, East Antarctica in support of a joint United States-French study of the katabatic wind phenomenon.

AWS sites had been established at D-10, D-47, and D-57 in previous seasons, but only the unit at D-57 was functioning, and its performance was erratic. We repaired these three stations and they are now functioning properly.

A new AWS site was established at D-80. It is also working properly.

Travel to the stations was via a 5 vehicle overland traverse party. A total of 880 km were traversed from 1 January - 26 January 1983. The traverse party consisted of 6 members of Expéditions Polaires Françaises, Dr. Gerd Wendler and Yugi Kodama of the University of Alaśka, and myself.

Travel between McMurdo Station and Dumont d'Urville Station was via U.S. C-130 aircraft.

D-10

AWS 8901

latitude:	66 deg 42 min South
longitude:	139 deg 48 min East
elevation:	240 meters
distance from coast:	10 kilometers
Argos hex id:	8B17A

- Station had failed due to broken antenna cable. New cable installed.
- Past pressure values were 17.4 mb low due to malfunction of AWS 8900 1 mHz oscillator. Oscillator replaced.
- **AWS 8900 had been in place. Removed 0600 Z 26 Dec 82.** This AWS later installed at D-80.
- Voltage regulator serving batteries had failed (shunted current from solar panel away from batteries at 11.5 volts rather than 14.6 volts) and as a result batteries were low, but still servicable. New regulator installed.
- Past wind direction wiring ok.
- **AWS 8901 installed 0013 Z 1 Jan 83.**
- The aerovane that was purchased new this year was installed.
- Aerovane wiring convention:

  pin 7: generator +
  pin 6: generator -
  pin 3: pot
  pin 4: wiper
  pin 5: pot

  Resistance between pins 4 and 5 increases for N-E-S-W rotation of the aerovane.
- 5 foot tower section added.
- Batteries charged.
- Snow accumulation here is approx 1 meter per year due to drifting around the tower. Last season the tower and solar panel were dug out and repositioned.
- The navigator determined that the orientation of the aerovane was correct to within one degree.

- The electronics box was repositioned higher on the tower, more cable was spliced onto the power line, and additional guy wires were added.

- Calibrations were determined as follows:

  ** wind speed reads 8.7 percent high **

  ** wind direction reads correct **

  ** pressure reads 2.15 mb low **

  ** temperature reads correct **

  Determination of wind speed calibration coefficients was accomplished by inputting known voltages and comparing output of Argos Test Set to values of wind speed specified by manufacturer of aerovane (.1056 volts / mile per hour). Voltages were input from 1 to 14 volts in increments of 1 volt. Linear curve fit was then made to these data. Correlation coefficient = 1.0000

  Wind Speed (m/s) = .2503 * (# bits) + .1210

  The previous wind speed calibration equation was:

  Wind Speed (m/s) = .2721 * (# bits)

  Therefore the wind speed was overstated by 8.7 % minus a constant offset of .12 m/s.

D-47

AWS 8914

latitude:	67 deg 23 min South
longitude:	138 deg 43 min East
elevation:	1560 meters
distance from coast:	110 kilometers
Argos hex id:	8B4BF

- The station had been installed 2 years earlier with AWS 8914 electronics, but had never been received by satellite.
- Cause of problem traced to bad antenna. New antenna installed.
- Carrier frequency found to be 1128 Hz high (satellite can only tolerate +/- 1200 Hz freq error). Adjusted freq to 401.650000 mHz
- **Station on the air at 09 Z 24 January**
- 5 foot tower section added. Electronics box repositioned and guy wires added. Solar panel dug out and repositioned.
- Wind direction orientation ok.
- Batteries and solar panel ok.
- Voltage regulator shunting current away from batteries at 13.3 volts. Replaced IC and now regulates at 14.6 volts.
- Removed old aerovane. Installed aerovane which had been in storage at Dumont d'Urville. Before installing aero-vane I replaced generator brushes and examined slip rings and bearings.
- Aerovane wiring convention:
  pin 1: generator +
  pin 2: generator -
  pin 3: pot
  pin 4: wiper
  pin 5: pot

  Resistance between pins 4 and 5 increases for N-E-S-W rotation of the aerovane.

- Calibrations determined as follows:

  ** wind speed reads 19.8 percent high **

  ** wind direction reads correct **

  ** pressure reads 1.13 mb low **

  ** temperature reads correct **

Wind speed calibration accomplished in same manner as with AWS 8901. Correlation co-efficient = 1.0000.

Wind Speed (m/s) = .2266 * (# bits) - .06

Therefore the previous equation overstated the wind speed by 19.8 percent.

D-57

AWS 8916

latitude:	68 deg 11 min South
longitude:	137 deg 32 min East
elevation:	2103 meters
distance from coast:	210 kilometers
Argos hex id:	8B506

- Station has been operating intermittently since being deployed two years ago.

- Cause of intermittent operation traced to failed voltage regulator. Regulator did not shunt current away from batteries and consequently battery voltage was allowed to rise to more than 15 volts. This resulted in frequency error in oscillator which led to non-reception by satellite. Batteries were at 15.9 volts when we arrived.

- Replaced IC in voltage regulator and confirmed voltage regulation at 14.6 volts.

- Found transmitter frequency to be 1040 Hz high. Adjusted to 401.650000mHz

- Added 5 foot tower extension. Dug out and repositioned solar panel. Snow accumulation here about .5 meters/year. Electronics box repositioned and guy wires added.

- Removed old aerovane. Installed new aerovane 12-78-07-79 which had been in storage at Dumont d'Urville. Before installing aerovane I replaced generator brushes and examined slip rings and bearings.

- Aerovane wiring convention:

  pin 1: generator +
  pin 2: generator -
  pin 3: pot
  pin 4: wiper
  pin 5: pot

  Resistance between pins 4 and 5 increases for N-E-S-W rotation of the aerovane.

o Calibrations determined as follows:

** wind speed reads 22.3 percent high **

** wind direction reads correct **

** pressure reads 0.40 mb low **

** temperature reads correct **

Wind speed calibration accomplished in same manner as with AWS 8901. Correlation co-efficient = 1.0000.

Wind Speed (m/s) = .2221 * (# bits) - .00

Therefore previous equation overstated the wind speed by 22.3 percent.

D-80

AWS 8900

latitude:	70 deg 01 min South
longitude:	134 deg 43 min East
elevation:	2500 meters (+/- 50 m)
distance from coast:	440 kilometers
Argos hex id:	8B129

- A new station was installed using AWS 8900.
- Station on the air with all sensors operating correctly at 1315Z 14 January.
- Transmitter frequency adjusted.
- Small 10 watt solar panel mounted dirctly on tower.
- Aerovane used was one that had been in storage at Dumont d'Urville. Disassembled, inspected and new generator brushes installed.
- Aerovane wiring convention:
  pin 6: generator +
  pin 7: generator -
  pin 3: pot
  pin 4: wiper
  pin 5: pot

  Resistance between pins 4 and 5 increases for N-E-S-W rotation of the aerovane.

- Calibrations determined as follows:

  ** wind speed reads 11.7 percent high **

  ** wind direction reads correct **

  ** pressure reads 0.61 mb low **

  ** temperature reads correct **

Wind speed calibration accomplished in same manner as with AWS 8901. Correlation co-efficient = 1.0000.

Wind Speed (m/s) = .2430 * (# bits) - 0.111

Therefore previous equation overstated the wind speed by 11.7 percent.

TECHNICAL NOTES

1. Voltage Regulators:

The regulators at D-10 and D-57 had failed. In addition, I had two additional failures in the field of new regulators that I tried to install. Finally I figured out the problem: the integrated circuit in the regulator cannot tolerate a voltage greater than about 18 volts. The open circuit output of the large solar panels is 21 volts. If the regulator is presented with this voltage, it will fail. However, once loaded down with the low impedance of the batteries the voltage of the solar panel falls to about 16 volts. Therefore **it is imperative that the batteries be connected to the solar panel before the voltage regulator is connected to the solar panel.** Failure to have done this is the reason that the station at D-57 has transmitted erratically for the last two years.

A new regulator should be developed that can tolerate the voltage of the open circuit solar panel.

2. Frequency errors:

The correct carrier frequency for all the AWS transmitters is 401.650000 MHz. The transmitter contains an 8X frequency multiplier, and is driven by a high stability oscillator. The frequency of this oscillator should be 50.206250 MHz. A previous document erroneously specified the oscillator frequency as 50.206375 MHz which gives a carrier frequency of 401.651000, or 1000 Hz too high. The satellite can only tolerate a frequency error of 1200 Hz. I found the three AWS units in the field to all be about 1000 Hz too high, and reset them to the correct frequency.

3. Antenna cables:

The antenna cable at D-10 had seperated at the junction of the fitting and the cable. This cable did not have the right angle fitting as did the other stations, and as a result the cable was forced to make a sharp right angle bend. It is necessary that **spare antenna cables with TNC connectors (screw fittings) at both ends and a right angle fitting at one end be brought along on future trips.**

4. Towers:

All the towers have been installed using wire ropes for guy wires, turnbuckles, and cable clamps. Also, the anchors ("deadmen") have been frozen into the snow surface by pouring liquid water into the anchor holes and

allowing the anchors to freeze in before loading the tower. This technique has made for extremely stable towers and should be used on all future deployments.

Acknowledgements

The success of the AWS program in Adélie Land this season was due in large part to the outstanding support provided by Expéditions Polaries Françaises. Members of the traverse party were Pierre Laffont, Jacqui Wiget, Didier Simon, Claude Busicchia, Bernard Piccot, and Michel Pourchet. It was a privilege to work with such a professional and outstanding group of men. Our thanks also to Jean Vaugelade and Robert Guillard for their many efforts in making this joint program possible, and for the hospitality shown to us in Antarctica.

Funding for the AWS program is provided by the National Science Foundation, Division of Polar Programs. The AWS units were designed and constructed by members of the Radioscience Laboratory, Stanford University under the direction of Allen M. Peterson. Frank Orobona, Kok Chen, Brian Kline, Cal Teague, and Bill Crosby of Stanford have all participated. Rob Flint and Joseph Bossiere deployed some of the stations on earlier traverses in Adelie Land.

Thanks also to the many people in the U.S. Antarctic Reasearch Program from pilots to cooks who helped out in getting us from McMurdo to Dumont d'Urville and back again.

Addendum

As of the time of this writing, 4 March 83, the AWS established at D-10, D-47, D-57, and D-80 are all functioning properly and the data is being received by satellite. Unfortunately, the AWS at Dome C which forms the terminus of the station array failed at the end of January 1983 for unknown reasons after operating successfully for 3 years. It was not possible to fly to Dome C for repairs due to the latenesss of the season.

VI. Annual Summary

Antarctic automatic weather stations, austral summer 1982–1983

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Automatic weather stations (AWS) measuring wind speed and direction, air temperature and pressure are deployed on the antarctic continent as shown in figures 1 and 2. The locations and period of record are given in table 1. The computer-based AWS units telemeter the data to polar-orbiting satellites equipped with the Argos data collection system (Savage, Stearns, and Teague 1981; Stearns 1982; Stearns and Savage 1981).

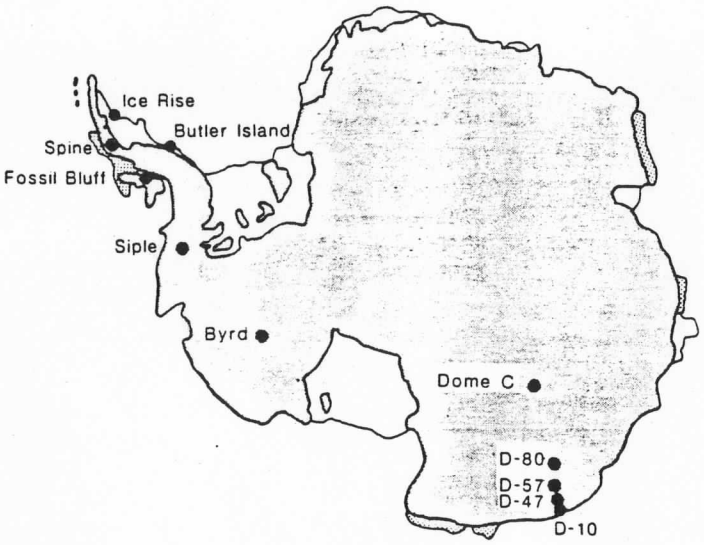

Figure 1. Antarctic continent showing the sites for the AWS units as of January 1983 (except for those in the McMurdo Station vicinity). The actual locations and periods of record are given in table 1. D-10 is about 10 kilometers south of Dumont d'Urville. ("GMT" denotes Greenwich mean time.)

The purpose of the AWS units in the vicinity of the Antarctic Peninsula is to study the flow of stable air from the east which is blocked by the barrier formed by the Antarctic Peninsula. The resulting thermal wind vector turns the air flow toward the north. The northward flow occasionally carries ice from the Weddell Sea into the south Atlantic which reduces sea surface temperatures by more than 3°C at 50°S 45°E (van Loon 1972).

One AWS unit was deployed to the ice rise site on the Larsen Ice Shelf in austral summer 1982–1983 by the British Antarctic Survey in support of research on the barrier wind flow along the Antarctic Peninsula.

An overland traverse was made by Expeditions Polaires Francaises from Dumont d'Urville to D-80 in support of a katabatic wind study by G. Wendler of the University of Alaska. Michael Savage went on the traverse to install and calibrate the AWS units.

The AWS sites in the McMurdo area are shown in figure 2. The AWS unit previously at Mount Oliver, Asgard Mountains in support of E. I. Friedmann's biology project was removed, converted from 6-volt direct-current to 12-volt direct-current power, and installed just east of White Island on the Ross Ice Shelf at Nancy Site. Other AWS units in figure 2 were serviced, and Jimmy Site was moved from Starr Glacier near McMurdo Station to Bucky Wilson's site at Windless Bight. The remaining sites were visited for servicing. Assistance during January 1983 was provided by Hugh Slotten.

The AWS units around McMurdo Station are used for meteorological support of the air operations and as a mesoscale network to determine wind velocity divergence and thus the vertical motion at a height of 3 meters.

Sites on the Ross Ice Shelf such as Meeley and Ferrell are difficult to locate. Beacon transmitters operating on the helicopter automatic direction finder (ADF) frequencies and powered by solar panels were installed at Laurie, Nancy, Ferrell, and Meeley sites. The beacons could be detected at a distance of 10 nautical miles by the helicopters. It is hoped that the beacon transmitters will reduce the helicopter flying time previously required to search for the AWS sites.

Snow accumulation data for the sites as determined from photographs of the AWS tower are: Laurie, December 1982 to January 1983, 38 centimeters; Manning, November 1980 to December 1981, 64 centimeters, and December 1981 to January 1983, 37 centimeters; Ferrell, December 1981 to January 1983, 110 centimeters. The 2-year accumulation for Manning and Ferrell of 101 centimeters and 110 centimeters respectively are in good agreement as are the 1-year accumulations for Laurie and Manning of 38 centimeters and 37 centimeters, respectively.

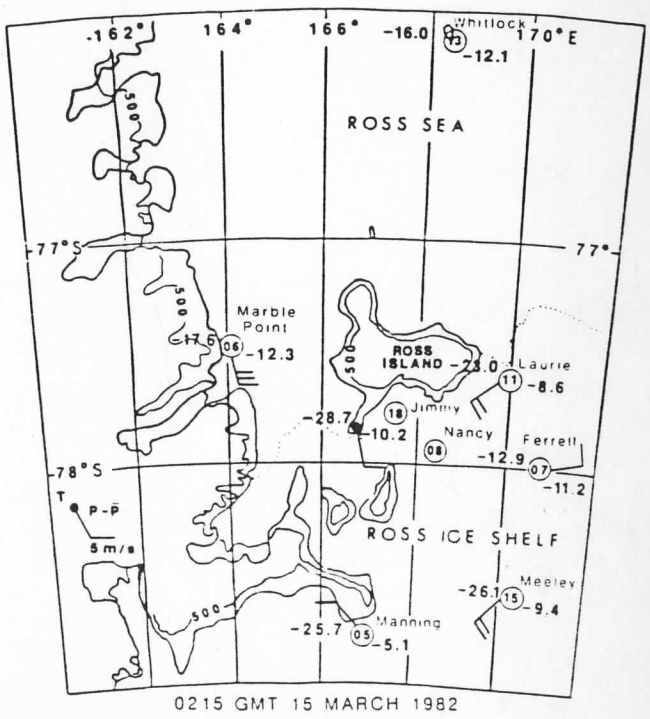

Figure 2. AWS sites in the McMurdo Station area as of January 1983. The mean pressure used in the station data is for March 1982.

Antarctic automatic weather station (AWS) as of austral summer 1982–1983

Site	AWS identification number	Location	Elevation (in meters)	Start[a]	Stop[a]
McMurdo area[b]					
Manning	8905	78.76 S 166.85 E	74	25/11/80	
Marble Point	8906	77.44 S 163.74 E	121	5/2/80	
Ferrell	8907	78.03 S 170.79 E	44	10/12/80	
Nancy	8908	77.90 S 168.07 E	25	17/1/83	
Laurie	8910	77.56 S 170.09 E	25	15/12/81	18/4/82
	8911			23/1/83	23/3/83
Jimmy	8911	77.80 S 166.71 E	202	7/12/81	20/7/82
				24/10/82	5/1/82
	8918	77.75 S 167.67 E	39	9/2/83	21/3/83
Whitlock	8913	76.14 S 168.40 E	275	23/1/82	
Meeley	8915	78.50 S 170.14 E	49	4/12/80	
Asgard	8908	77.60 S 161.15 E	1,580	1/2/80	6/1/83
Other AWS sites					
Byrd	8903	80.00 S 120.00 W	1,530	5/2/80	
Dome C	8904	74.50 S 123.00 E	3,280	4/2/80	31/1/83
Siple	8909	75.90 S 84.30 W	900	1/1/82	
Antarctic Peninsula area					
Ice Rise	8912	66.90 S 60.60 W	50	7/2/83	
Spine	8919	67.60 S 66.00 W	1,540	9/3/80	20/3/83
Fossil B		71.33 S 68.37 W		Planned	
Butler I		70.02 S 60.35 W		Planned	
Dumont d'Urville area					
D-80	8900	70.02 S 134.70 E	2,500	14/1/83	
D-10	8901	66.67 S 139.80 E	240	1/1/83	
D-47	8914	67.40 S 138.70 E	1,560	24/1/83	
D-57	8916	68.20 S 137.52 E	2,103	16/1/82	
Proposed deployment austral summer 1983–1984					
Byrd Glacier		80.2 S 163 E			
Terra Nova Bay		75.2 S 163 E			
Ross Ice Shelf		78.4 S 175 W			

[a] Day/month/year.

[b] McMurdo area locations were revised from survey and satellite, 28 June 1983. Height was determined by barometry-error ± 5 meters, 28 June 1983.

Wind speed and direction, air temperature and pressure for 15 March 1982 are shown in figure 2. The convergence of the wind direction and the contrasting air temperatures across the convergence zone were associated with warmer air which apparently moved into the area from the relatively open ocean northeast of Ross Island. Similar abrupt temperature decreases of 10°C to 15°C were experienced by the earlier explorers who reported a need to don more clothing (Simpson 1919). The AWS data were sufficient to show that the temperature changes occurred within a 10-minute period.

This work is supported by National Science Foundation grant DPP 79-25040. Members of the Radio Science Laboratory under the direction of Alan Peterson (Stanford University) designed, developed, and initially deployed the AWS units. Chris Bales of the British Antarctic Survey is deploying the AWS units around the Antarctic Peninsula. Expeditions Polaires Francaises conducted the traverse from Dumont d'Urville to D-80 under the leadership of Pierre Laffont. The VXE-6 helicopter pilots and crew were determined to find the AWS units, which are difficult to locate, on the Ross Ice Shelf and their efforts were successful.

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VII. Fleming Article

Antarctic automatic weather stations as forecasting aids

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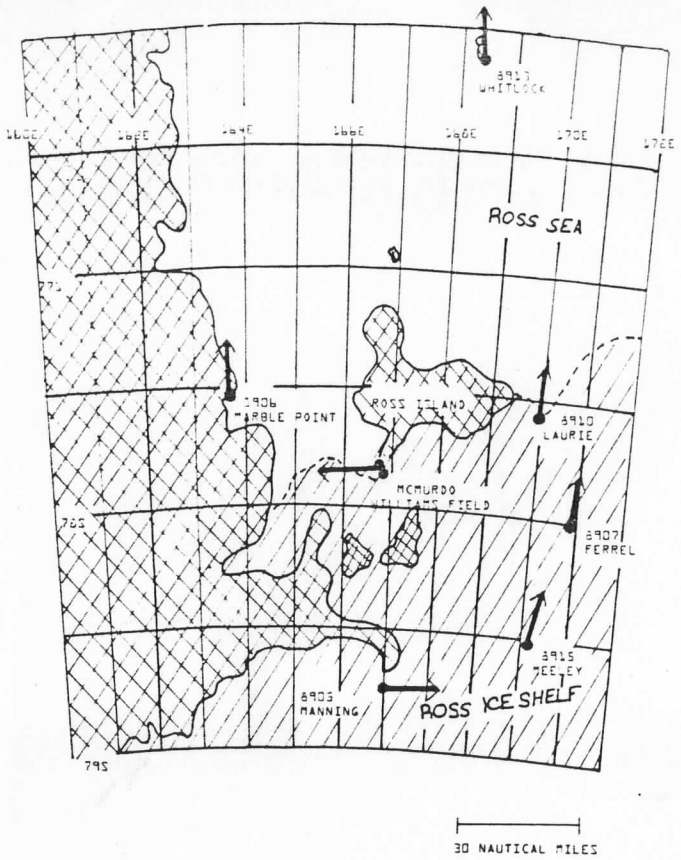
Meteorological support of flight operations is probably more crucial within Antarctica than in any other region of the world. The flight path from Christchurch, New Zealand, to McMurdo Station, Antarctica, (the most direct route and the only route used by the United States Antarctic Research Program) is unique because there are no alternate landing sights available for an aircraft once the point of safe return to New Zealand has been passed. Therefore, the 24-hour forecast issued for the ice runway or Williams Field complex (the Antarctic landing sight) by the Naval Support Force Antarctica Forecast Duty Officer is the determining factor in a "go" or "no-go" situation for the pilot. For the U.S. ski-equipped LC-130 aircraft a "whiteout" (total loss of surface and horizon definition due to either falling snow, blowing snow, or fog) at the skiway is not as serious as it is for the wheeled aircraft of the U.S. Air Force or New Zealand Air Force. The LC-130 aircraft have the capability of landing on the open ungroomed ice shelf, while the U.S. and New Zealand Air Force are restricted to the prepared ice runway.

The lack of surface and upper-air weather data in the Antarctic is well-known in the scientific community. The closest regularly reporting weather stations around McMurdo are South Pole (1,171.6 kilometers), Leningradskaya (857.8 kilometers) and Vostok (1,110.4 kilometers). This data "grid" is so inadequate that it is not even sufficient for a decent large-scale analysis much less the small-scale analysis necessary for local forecasting in the Ross Island region. The antarctic automatic weather stations have filled a portion of the data void in this region well, at least in the meso-scale around Ross Island.

The benefit of the stations with respect to forecasting wind speed and direction is obvious. Because all strong wind events for the Ross Island region come, often abruptly, from the south, a close look at the stations to the south and southeast can often give a 3- to 6-hour or more "heads-up" of approaching strong winds.

The most difficult weather event to forecast, however, for Williams Field and the ice runway and one that can often lead to below minimum runway conditions for the aircraft, especially during the latter part of the austral summer operating season, is fog. Unfortunately, satellite imagery is of minimal assistance because the fog, without precipitation, is primarily caused by radiational cooling and moisture advection (moisture not in the visible condensed state). A close look at the dense fog occurrences during the period from 1 November 1982 to 31 January 1983 revealed a strong correlation between a wind from the southeast quadrant (090 to 170T) at Ferrel Station (8907) and dense fog at Williams Field. The mean flow pattern for the region around Ross Island can be inferred from the figure. This flow pattern is relatively stable and results in a no-fog situation. Any deviation from this flow signals a change in the dynamic state of the atmosphere, especially in the low-level. The period from 1 November 1982 to 31 January 1983 seems to indicate that



Location of automatic weather stations around Ross Island and their mean wind direction. (From Antarctic Automatic Weather Station Data Archiving Center at the Department of Meteorology, University of Wisconsin, Madi01ology, University of Wisconsin, Madison, Wisconsin.)

moisture advection into the Williams Field region occurs when the surface flow backs into the southeast quadrant in the region of station 8907.

- On 17 December 1982 the wind at station 8907 backed to southeast at 0600 Greenwich mean time (GMT) (Z) and persisted until 18Z when the wind returned to the normal southerly direction. Dense fog developed at Williams Field at 14Z (8 hours after the southeast windshift at 8907) and persisted until 21Z.
- On 21 December 1982 the wind at station 8907 backed to southeast at 15Z and persisted until 00Z. Dense fog developed at Williams Field at 1730Z (2½ hours after the southeast windshift at 8907) and persisted until 2015Z. Patchy fog persisted until 00Z.
- On 29 December 1982 the wind at station 8907 backed to east-southeast at 15Z and persisted until 03Z the next day. Dense fog developed at Williams Field at 2010Z (5 hours after southeast windshift at 8907) and persisted until 2245Z, but patchy fog persisted until 05Z the next day.
- On 2 January 1983 the wind at station 8907 backed to southeast at 03Z and persisted until 1530Z. Dense fog developed at Williams Field at 19Z and persisted until 2030Z. Distant fog persisted until 06Z the next day.
- On 22 January there was southeast wind at 8907 from 00Z to 06Z. Dense fog at Williams Field for brief period around 0515Z. Patchy and distant fog persisted from 03 to 07Z. (Fog might have been dense for longer period had it not occurred during the warmest part of the day.)
- On 27 and 29 January dense fog occurred at Williams Field with a southeast wind at 8907.
- On 30 November 1982 the wind at station 8907 shifted to southeast at 09Z and persisted until 03Z the next day. No fog developed at Williams Field. Two possible explanations for this may be (1) the strength of the wind during this period was slightly less than the previous cases and (2) there also may not have been sufficient moisture available to the east during this period. (Moisture sensors for the automatic weather stations are planned for installation during the next two Deep Freeze seasons.)
- On 19 December 1982 dense fog developed at the Williams Field complex while the wind at station 8907 did not shift to the southeast quadrant. Fog during this period developed with marked *warming* at Williams Field whereas in the previous positive cases fog occurred with marked radiation cooling. Although data from Laurie Station (8910) was not available for this period, Whitlock Station (8913) reported north to northeast winds prior to and during this fog period. Apparently moisture was advected from the warm and moist open water to the north. (Laurie Station, just east of Cape Crozier, was returned to normal operation in January of 1983 and will undoubtedly provide useful data for observing moisture advection from the north for the next operating season.)
- On 13 January there was a southeast wind at 8907 between 03 and 06Z. No fog developed at Williams Field, probably because the wind came at the warmest period of day. (It appears that southeast wind must occur and persist into the early "evening" hours in order for fog to develop.)
- On 20 January there was a southeast wind at 8907 between 15Z and 03Z the next day. No fog developed at Williams Field, probably because wind speed was less than 4 knots throughout period.

What supports the strong correlation between the southeast winds at 8907 and fog development at Williams Field even more is that in no other period, other than the ones previously mentioned, did fog without precipitation occur. There also appears to be a good correlation between the onset of snow during the other times when the wind at 8907 backed southeast. There were *no* incidences where the wind at 8907 was southeast (greater than 4 knots) without either fog or snow sometime during or after the southeast wind shift at 8907.

Therefore, with the exception of a few brief and anomalous periods between 1 November 1982 and 31 January 1983 there appears to be an apparent strong correlation between a wind within the southeast quadrant at station 8907 and the development of fog at Williams Field. Fog often occurs 3 to 8 hours (or more) after the wind shift. The expertise of the duty meteorologist combined with a correlation factor such as this will lead to better forecasting skill with respect to fog and even precipitation during future Deep Freeze deployment seasons.

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