

JANUARY 18, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		WARM FroPA: 4:30 PM EST					
Max.	39 °F	Dir.	WNW	Temp.	50°						
Min.	18 °F	Vel.	15 G20 m.p.h.	Read.	28.70						
Set	18 °F	Char.	GUSTY	Corr.	28.63						
R. H.	67 %	24 hr. Mov.	365	Sea L.	30.08	0700	1300	1900			
Ppn. Liq.	.24 in.	Prev. Dir.	WNW	3 hr. Tend.	+3.8mb/	Clds. 9/10	Clds.	Clds.			
Ppn. Sol.	3.0 in.	Snow Depth	5 in.	Observer	GKB	STRATUS	Wx	Wx			
						Wx	Wx	Wx			
						Vis. 6 mi.	Vis.	Vis.			

T_{set}: 18°

T₀: 9°

N	NE	E	SE	S	SW	W	NW
2541.4	2858.5	2578.8	2210.2	6042.6	17493.1	23163.9	6252.5
2426	155	2444	562	5987	31125	63678	13064

Peak WIND: 36 KTS at 3:20 AM EST

JANUARY 19, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.				
Max.	23 °F	Dir.	Variable	Temp.	55			
Min.	1 °F	Vel.	1 m.p.h.	Read.	29.12"			
Set	2 °F	Char.	CALM	Corr.	29.04"			
R. H.	%	24 hr. Mov.	200	Sea L.	30.55'	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	N	3 hr. Tend.	-.02" V	Clds. 6/10 Cirrus	Clds.	Clds.
Ppn.	Sol.	Snow Depth	4 in.	Observer	PJK	Wx Partly Cloudy	Wx	Wx
				Vis.	20 MI.	Vis.	Vis.	Vis.

Peak gust 32 kts 7:58 AM EST
T dew - 3°

JANUARY 20, 1979 0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		Mountain Waves					
Max.	20 °F	Dir.	SE	Temp.	57						
Min.	1 °F	Vel.	1 m.p.h.	Read.	28.72						
Set	18 °F	Char.	NEAR EBLW	Corr.	28.635						
R. H.	- %	24 hr. Mov.	60	Sea L.	30.080"	0700	1300	1900			
Ppn.	- in.	Prev. Dir.	S	3 hr. Tend.	10.0 -	Clds.	Clds.	Clds.			
Ppn.	- in.	Snow Depth	3 in.	Observer	DWS	Wx	Wx	Wx			
						Vis.	Vis.	Vis.			
						10 mi.					

Ta = 8

Peak wind @ 11:58 PM EST of 11 KTS

N	771	43
NE	1447	124
E	974	17
SE	1449	17
S	986.7	366
SW	1839	189
W	732	21
NW	10.7	6

$T_d = 23$

N	2178	161
NE	7759	705
E	6503	954
SE	2654	213
S	3825	499
SW	2055	209
W	743	22
NW	184	9

22 JANUARY 79

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

SW-17 0830 E 22 JAN

Temp.		Wind		Barom.		0700		
Max.	36 °F	Dir.	WSW	Temp.	54	Clds.	●	1300
Min.	27 °F	Vel.	14 m.p.h.	Read.	28.24	Clds.		1900
Set	28 °F	Char.	GUSTY	Corr.	28.16	Wx	CLOUDY	Wx
R. H.	68 %	24 hr. Mov.*	29.3	Sea L.	29.56	Wx		Wx
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+0.08" /	Vis.		Vis.
Ppn.	T in.	Snow Depth	5 in.	Observer	ACP	Vis.		Vis.

24 hr movement from station
instruments, 12 hr of missing

QUEST: 31 [12 hr record]
(QUESTIONABLE)

$$T_d = 19^\circ$$

N	218.6	161
NE	978.4	921
E	667.1	972
SE	255.9	213
S	413.5	519
SW	341.1	350
W	1057.8	3635
NW	261.6	780

23 JANUARY 79

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.				
Max.	30 °F	Dir.	S	Temp.	58			
Min.	25 °F	Vel.	1 m.p.h.	Read.	28.82			
Set	25 °F	Char.	LIGHT VARIABLE	Corr.	28.73			
R. H.	71 %	24 hr. Mov.	288	Sea L.	30.16	0700	1300	1900
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+0.03"	Clds. ● STRATO CUMULUS	Clds.	Clds.
Ppn.	0.1 in.	Snow Depth	5 in.	Observer	ACP	Wx cloudy	Wx	Wx
				Vis.	8	Vis.	Vis.	Vis.

GUST 35

(10-0E)

T_D = 17

346.5	479	N
1062.3	992	NE
753.7	1113	E
352.9	330	SE
527.3	662	S
644.5	921	SW
2010.0	6594	W
2017	1386	NW

@ 0750 EST

January 25, 1979 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	44 °F	Dir. SW	Temp. 61°	Occluded FrPa: 8:00 PM EST		
Min.	23 °F	Vel. 11 m.p.h.	Read. 28.07	Record precip: 1.13" 1938		
Set	23 °F	Char. GUSTY	Corr. 27.98	0700	1300	1900
R. H.	68 %	24 hr. Mov. 360	Sea L. 29.37	Clds. 10/10 STRATOCUMULUS	Clds.	Clds.
Ppn. Liq.	1.06 in.	Prev. Dir. SW	3 hr. Tend. +1.5mb/	Wx CLOUDY	Wx	Wx
Ppn. Sol.	.1 in.	Snow Depth 3 in.	Observer GKB	Vis. 5 mi.	Vis.	Vis.

T_{set}: 23°

T_b: 14

N	NE	E	SE	S	SW	W	NW
69.2	203.7	665.0	531.3	275.5	259.7	642.1	48.3
86	521	1849	916	422	705	2664	55

Peak WIND: 35KTS at 11:44 am EST

JANUARY 26, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	30 °F	Dir.	W	Temp.	61			
Min.	23 °F	Vel.	11 m.p.h.	Read.	28.42"			
Set	29 °F	Char.	GUSTY	Corr.	28.33"			
R. H.	80 %	24 hr. Mov.	331	Sea L.	29.73"	0700	1300	1900
Ppn.	.05 in.	Prev. Dir.	W	3 hr. Tend.	+06"/	Clds. 10/10 STRATUS	Clds.	Clds.
Ppn.	0.6 in.	Snow Depth	3 in.	Observer	PJK	Wx CLOUDY	Wx	Wx
						Vis. 10 MI.	Vis.	Vis.

Peak gust 36 kts 2:02 PM

Tdew 23°

January 27, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	31 °F	Dir. SW	Temp. 64°			
Min.	28 °F	Vel. 6 m.p.h.	Read. 28.46			
Set	28 °F	Char. STEADY	Corr. 28.36	0700	1300	1900
R. H.	82 %	24 hr. Mov. 300	Sea L. 29.76	Clds. 10/10 STRATOCUMULUS	Clds.	Clds.
Ppn.	T in.	Prev. Dir. SW	3 hr. Tend. +0.0mb-	Wx OVERCAST	Wx	Wx
Ppn.	T in.	Snow Depth 3 in.	Observer GKB	Vis. 5 mi.	Vis.	Vis.

T_{set}: 28°

T_o: 23°

N	NE	E	SE	S	SW	W	NW
70.2	303.7	665.0	531.3	280.2	705.7	3072.4	439.2
91	521	1849	916	425	1728	11475	1086

Peak WIND: 27 KTS at 4:46 PM EST

JANUARY 28, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	33 °F	Dir. SSW	Temp. 65	SOME IP LAYING ON GROUND		
Min.	28 °F	Vel. 3 m.p.h.	Read. 28.16			
Set	30 °F	Char. LIGHT	Corr. 28.045			
R. H.	83 %	24 hr. Mov. 120	Sea L. 29.425	0700 Clds. OBSCURED	1300 Clds.	1900 Clds.
Ppn.	Liq. 0.01 in.	Prev. Dir. S	3 hr. Tend. 0.00-	Wx LIGHT FREEZE DRIZZLED FOG	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 3 in.	Observer DWS	Vis. 1 Mi	Vis.	Vis.

$T_d = 25$

Peak Wind @ 10:40 AM - 13 KTS

29 JAN 79

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. W	Temp. 63	VISIBILITY ~ 30 mi north 15 mi south		
Min.	27 °F	Vel. 12 m.p.h.	Read. 28.37			
Set	30 °F	Char. GUSTY	Corr. 28.27			
R. H.	72 %	24 hr. Mov. 270	Sea L. 29.67	0700	1300	1900
Ppn.	Liq. .01 in.	Prev. Dir. WNW	3 hr. Tend. +.07 /	Clds. STRATO- CUMULUS	Clds.	Clds.
Ppn.	Sol. T in.	Snow Depth 3 in.	Observer ACP	Wx CLOUDY	Wx	Wx
				Vis. 20	Vis.	Vis.

G05T 34 @ 2110 E

T_d = 22°

117.5	148
583.1	720
715.1	1888
534.3	917
285.1	433
1085.4	2278
4539.9	1535.7
1385.1	362.4

@ 0755 E

January 30, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	32 °F	Dir. SW	Temp. 62°			
Min.	25 °F	Vel. 622 13 m.p.h.	Read. 28.54			
Set	26 °F	Char. GUSTY	Corr. 28.44			
R. H.	78 %	24 hr. Mov. 410	Sea L. 29.85	0700 Clds. 10/10 Stratocumulus	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. +0.8mb	Wx CLOUDY	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 3 in.	Observer GKB	Vis. 5mi.	Vis.	Vis.

$T_{set} = 26^{\circ}$

$T_o = 20^{\circ}$

Peak WIND: 35 KTS at 3:58 PM EST

JANUARY 31, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	30 °F	Dir. W	Temp. 64			
Min.	23 °F	Vel. 7 m.p.h.	Read. 28.49"			
Set	23 °F	Char. BREEZY	Corr. 28.39"			
R. H.	%	24 hr. Mov. 259	Sea L. 29.80"	0700 Clds. 10/16 STRATUS	1300 Clds.	1900 Clds.
Ppn.	Liq. T in.	Prev. Dtr. W	3 hr. Tend. -.05"	Wx SNOW FLURRIES	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 3 in.	Observer PJK	Vis. 3 mi.	Vis.	Vis.

Peak gust 31 kts 3:32 PM EST

Tides 17

JAN 1 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	45 °F	Dir.	SW	Temp.	59	LOW CLOUDS ON RIDGES FOG PATCH IN VALLEY (N)		
Min.	31 °F	Vel.	6 m.p.h.	Read.	28.80			
Set	43 °F	Char.	STEADY	Corr.	28.70			
R. H.	86 %	24 hr. Mov.	104	Sea L.	30.09	0700	1300	1900
Ppn. Liq.	.40 in.	Prev. Dir.	SW	3 hr. Tend.	-0.02" ↓	Clds. STRATO CU & ALTO CU	Clds.	Clds.
Ppn. Sol.	- in.	Snow Depth	2 in.	Observer	ACP	Wx CLOUDY	Wx	Wx
				Vis.	9	Vis.	Vis.	Vis.

GUST: 18 @ 0215
17 @ 0655

TD = 39

N	01676.8	001797
NE	01961.5	001090
E	01233.5	001099
SE	01260.8	001320
S	02965.9	003284
SW	09907.8	019916
W	14486.5	042923
NW	03677.2	008755

0807 E

JAN 2 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	54 °F	Dir.	WSW	Barom.	Temp.	SHARP TEMP DROP (4° in 15 min) at 0315 WIND GUST TO 16 @ 0315 Ridges in clouds		
Min.	38 °F	Vel.	5 m.p.h.	Read.	60			
Set	38 °F	Char.	LIGHT	Corr.	28.55			
R. H.	85 %	24 hr. Mov.	141	Sea L.	28.46			
Ppn.	Liq. 1.01 in.	Prev. Dir.	SW	3 hr. Tend.	±0.00"m	0700	1300	1900
Ppn.	Sol. in.	Snow Depth	T in.	Observer	ACP	Clds.	Clds.	Clds.
						Wx	Wx	Wx
						Vis.	Vis.	Vis.

Clds. •
STRATO-CUMULUS

Wx
LIGHT RAIN

Vis.
3

GOST: 23 @ 2000

T_d = 34

N	01680.4	001803
NE	01961.6	001090
E	01234.4	001100
SE	01269.8	001330
S	03166.4	003688
SW	10716.2	021553
W	14943.6	043725
NW	03763.2	008927

0800 E

JANUARY 3, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. WSW	Temp. 52			
Min.	-2 °F	Vel. 13 m.p.h.	Read. 28.97"			
Set	-2 °F	Char. GUSTY	Corr. 28.90"			
R. H.	68 %	24 hr. Mov. 305	Sea L. 30.41'	0700 Clds. % 10	1300 Clds.	1900 Clds.
Ppn. Liq.	.05 in.	Prev. Dir. W	3 hr. Tend. +.08"/	Wx CLEAR	Wx	Wx
Ppn. Sol.	0.1 in.	Snow Depth T in.	Observer PJK	Vis. 30+M1	Vis.	Vis.

Tew -10°

Peak gust 38 kts

N	NE	E	SE	S	SW	W	NW
1683.7	1961.7	1234.5	1270.2	3166.7	10751.5	16038.9	40843
1804	1090	1100	1331	3688	21566	44177	9144

JANUARY 4, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	12 °F	Dir.	SW	Temp.	52			
Min.	-2 °F	Vel.	10 m.p.h.	Read.	29.06"			
Set	12 °F	Char.	BREEZY	Corr.	28.99"			
R. H.	61 %	24 hr. Mov.	208	Sea L.	30.47"	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir.	WSW	3 hr. Tend.	0 ^	Clds. 9/10 STRATOCU	Clds.	Clds.
Ppn. Sol.	T in.	Snow Depth	T in.	Observer	PJK	Wx SNOW FLURRIES	Wx	Wx
				Observer	PJK	Vis. 5 MI.	Vis.	Vis.

Tden 10
Peak just 21kts S: 87 AMEST

N	NE	E	SE	S	SW	W	NW
1683.7	1961.7	1234.5	1270.2	3166.7	11895.9	16519.2	4113.
1804	1090	1100	1331	3688	21566	44177	9144

JANUARY 5, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.				
Max.	21 °F	Dir.	SW	Temp.	51°			
Min.	11 °F	Vel.	3 m.p.h.	Read.	29.26"			
Set	11 °F	Char.	LIGHT	Corr.	29.19"	0700	1300	1900
R. H.	%	24 hr. Mov.	222	Sea L.	30.69"	Clds. 3/10	Clds.	Clds.
Ppn.	Liq. in.	Prev. Dir.	NSW	3 hr. Tend.	+0.04"	Wx partly cloudy	Wx	Wx
Ppn.	Sol. in.	Snow Depth	T in.	Observer	PJK	Vis.	Vis.	Vis.
						25 mi.		

1000 20
Pk gust 31 kts 11:30 AM EST

N	NE	E	SE	S	SW	W	NW
1683.7	1961.7	1234.5	1270.2	3167.1	12451.6	17369.2	4121.0
1804	1090	1100	1331	3688	22787	46554	9163

January 6, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	24 °F	Dir. SW	Temp. 52°			
Min.	11 °F	Vel. 3 m.p.h.	Read. 29.00			
Set	19 °F	Char. light	Corr. 28.93			
R. H.	81 %	24 hr. Mov. 100	Sea L. 30.38	0700 Clds. 9/10 Stratocumulus	1300 Clds.	1900 Clds.
Ppn.	Liq. .11 in.	Prev. Dir. M	3 hr. Tend. +1.0mb/	Wx M. Cloudy	Wx	Wx
Ppn.	Sol. 1.1 in.	Snow Depth 1 in.	Observer GKB	Vis. 5 mi	Vis.	Vis.

T_{set}: 19°

T_o: 14°

N	NE	E	SE	S	SW	W	NW
1683.7	1961.7	1234.5	1270.2	3830.1	13125.3	17480.9	9121.3
1804	1090	1100	1331	3989	23760	46754	9163

Peak Wind: 15 Kts at 10:19 AM EST

JANUARY 7, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	28 °F	Dir.	NE	Temp.	54			
Min.	18 °F	Vel.	2 m.p.h.	Read.	28.89			
Set	25 °F	Char.	NEAR CALM	Corr.	28.80			
R. H.		24 hr. Mov.	125	Sea L.	30.24"	0700	1300	1900
	%					Clds.	Clds.	Clds.
Ppn. Liq.	0.03 in.	Prev. Dir.	NE	3 hr. Tend.	-1.5mb	10% Stratus		
						Wx LT SNOW + FOG	Wx	Wx
Ppn. Sol.	0.25 in.	Snow Depth	1.25 in.	Observer	DWS	Vis.	Vis.	Vis.
						4mi		

$T_d = 20^\circ$

Peak Gust at 11:11 AM EST @ 11875

N	1142.7	1804
NE	1961.7	1090
E	1234.5	1100
SE	1270.2	1331
S	4589.4	4534
SW	13776.1	24388
W	17489.6	46763
NW	4121.3	9163

8 JAN 79

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	36 °F	Dir.	WNW	Temp.	55°	SNOW INCREASING. ** BY 0745		
Min.	24 °F	Vel.	9 m.p.h.	Read.	28.54	SW-- BY 0830		
Set	24 °F	Char.		Corr.	28.46	dubious estimates. PREV DIR NW NOV 40		
R. H.	81 %	24 hr. Mov.	MSG	Sea L.	29.87	0700	1300	1900
Ppn. Liq.	0.85 in.	Prev. Dir.	MSG	3 hr. Tend.	+0.05" ✓	Clds.	Clds.	Clds.
Ppn. Sol.	1.9 in.	Snow Depth	3 in.	Observer	ACP	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						3/4 to 3		
						VARIABLE		

$T_d = 19^\circ$

GUST = 17?? (instrument failure)

N	01786.5	001897
NE	01976.7	001090
E	01245.1	001102
SE	01353.1	001360
S	05102.0	004702
SW	14003.4	024617
W	17797.8	047174
NW	04375.1	609596

@ 0800E

9 JANUARY 79

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	26 °F	Dir. SW	Temp. 50	SHARP TEMP DROP 0600 E		
Min.	02 °F	Vel. 8 m.p.h.	Read. 29.00			
Set	02 °F	Char. decreasing	Corr. 28.93			
R. H.	62 %	24 hr. Mov. 243	Sea L. 30.47	0700	1300	1900
Ppn. Liq.	0.02 in.	Prev. Dir. W	3 hr. Tend. +.04" /	Clds.	Clds.	Clds.
Ppn. Sol.	0.2 in.	Snow Depth 3 in.	Observer ACP	Wx CLEAR	Wx	Wx
				Vis. 25	Vis.	Vis.

T_a = -8°

Gust: 31 @ 1930

N	01792.7	021110
NE	01040.8	001090
E	01300.8	001245
SE	01421.5	000000
S	05125.8	004728
SW	14257.5	025112
W	18712.9	049581
NW	04605.2	010271

② 0745 E

JANUARY 10, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	20 °F	Dir.	SW	Temp.	52			
Min.	1 °F	Vel.	3 m.p.h.	Read.	28.99"			
Set	25 °F	Char.	LIGHT	Corr.	28.92"			
R. H.	76 %	24 hr. Mov.	161	Sea L.	30.35"	0700	1300	1900
Ppn. Liq.	T in.	Prev. Dir.	SW	3 hr. Tend.	0 ~	Clds. 6/10	Clds.	Clds.
Ppn. Sol.	0.1 in.	Snow Depth	2 in.	Observer	PJK	STRATOCU	Wx	Wx
						Wx SNOW FLURRIES		
						Vis. 3 MI.	Vis.	Vis.

Tides + 8° 9°

Peak gust 22 kts 4:13 PM

N	NE	E	SE	S	SW	W	NW
1866.8	2045.6	1341.5	1441.0	5138.7	15084.9	19224.3	4702.8
2000	1090	1307	28	4731	26861	50992	10295

JANUARY 11, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	23 °F	Dir.	SW	Temp.	52°			
Min.	6 °F	Vel.	0 m.p.h.	Read.	29.14			
Set	6 °F	Char.	calm	Corr.	29.07			
R. H.	69 %	24 hr. Mov.	210	Sea L.	30.54	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+1.5mb/	Clds. <i>410</i> STRATUS	Clds.	Clds.
Ppn.	T in.	Snow Depth	2 in.	Observer	GKB	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						9mi		

UNIVERSITY PARK, PA. JAN 11 1979

T_{set}: 6°

T₀: -2°

N	NE	E	SE	S	SW	W	NW
1867.1	2045.6	1341.5	1441.0	5167.0	15,350.8	20004.5	5137.0
2001	1090	1307	28	4761	27444	52997	10694

Peak WIND: 24 KTS at 4:40 PMEST

JANUARY 12, 1979 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	16 °F	Dir. E	Temp. 52			
Min.	4 °F	Vel. 3 m.p.h.	Read. 29.10"			
Set	10 °F	Char. LIGHT	Corr. 29.03"			
R. H.	77 %	24 hr. Mov. 52	Sea L. 30.49"	0700 Clds. 8/10 ALTOCU.	1300 Clds.	1900 Clds.
Ppn. Liq.	.03 in.	Prev. Dir. NNE	3 hr. Tend. -.03"	Wx LIGHT SNOW	Wx	Wx
Ppn. Sol.	0.4 in.	Snow Depth 2 in.	Observer PJK	Vis. 4 MI.	Vis.	Vis.

Peak gust 10 kts 2:04 PM EST

Taw 3°

N 1944.8 / 2093

NE 2398.1 / 1090

E 1995.6 / 1998

SE 1667.3 / 183

S 5198.5 / 4780

SW 15354.3 / 27446

W 20004.3 / 52997

NW 5274.2 / 10752

January 13, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind	Barom.	1230 Z : IP- ER-		
Max.	21 °F	Dir. NE	Temp. 53°			
Min.	10 °F	Vel. 2 m.p.h.	Read. 28.81			
Set	21 °F	Char. light	Corr. 28.73			
R. H.	81 %	24 hr. Mov. 77	Sea L. 30.18	0700	1300	1900
Ppn. Liq.	.09 in.	Prev. Dir. NE	3 hr. Tend. -1.9 mb	Clds. 1010 STRATUS	Clds.	Clds.
Ppn. Sol.	.4 in.	Snow Depth 2 in.	Observer GKB	Wx S-F	Wx	Wx
				Vis. 1/2 mi.	Vis.	Vis.

$T_{set} = 21^\circ$

$T_b = 16^\circ$

N	NE	E	SE	S	SW	W	NW
2224.1	2558.6	2306.1	1912.4	5651.5	15387.7	20004.5	5274.2
2260	1090	2258	431	5422	27478	52997	10752

Peak WIND: 15 KTS at 8:49 AM EST

JANUARY 14, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir. SW	Temp. 54	↑ 0900 - 1000 EST		
Min.	21 °F	Vel. 3 m.p.h.	Read. 28.15			
Set	34 °F	Char. LIGHT	Corr. 28.073			
R. H.	81 %	24 hr. Mov. 73	Sea L. 29.453	0700	1300	1900
Ppn. Liq.	0.28 in.	Prev. Dir. SW	3 hr. Tend. +0.06L	Clds. 10% Stratus	Clds.	Clds.
Ppn. Sol.	0.2 in.	Snow Depth 2 in.	Observer DWS	Wx R-F	Wx	Wx
				Vis. 4 mi	Vis.	Vis.

Td = 29°

Peak Gust @ 13475 @ 04:01 AM EST

Top	N	NE	E	SE	S	SW	W
	24109	2733.1	2449.4	478	5124.4	15913.4	20154.6
Bot	234	17	2337	478	435	23257	53124
						1100	
						5341.6	
						10797	

JAN 15 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 38 °F	Dir. WSW	Temp. 50	COLD FRONT 20°-15° EST RH COMPACT ALSO			
Min. 6 °F	Vel. 12 m.p.h.	Read. 28.98				
Set 6 °F	Char. GUSTY	Corr. 28.91				
R. H. 65 %	24 hr. Mov. 325	Sea L. 30.41	0700 Clds. 1/10 FRACTO-CU	1300 Clds.	1900 Clds.	
Ppn. Liq. 0.12 in.	Prev. Dir. W	3 hr. Tend. +1.10" /	Wx FAIR	Wx	Wx	
Ppn. Sol. 0.1 in.	Snow Depth 2 in.	Observer ACP	Vis. 20	Vis.	Vis.	

GOS 56 1200 1500

TD = -3

2412.9	235.2
2738.9	4.7
2447.4	235.7
2015.9	478
5758.5	5111
16101.3	28629
21309.4	57876
5672.3	1196.8

(A) 0825 EST

16 JANUARY 70

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	23 °F	Dir. VARIABLE W	Temp. 53			
Min.	05 °F	Vel. 3 m.p.h.	Read. 28.99			
Set	20 °F	Char. LIGHT & VARIABLE	Corr. 28.92			
R. H.	53 %	24 hr. Mov. 170	Sea L. 30.38	0700 Clds. Ac ●	1300 Clds.	1900 Clds.
Ppn.	Liq. 0 in.	Prev. Dir. WSW	3 hr. Tend. -0.02"v	Wx MOSTLY CLOUDY	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 2 in.	Observer ACP	Vis. 720	Vis.	Vis.

TD = 6

GUST ~ 26

24134	2353
27389	97
24447	2357
20159	478
58095	5531
169942	30104
218457	59201
57851	12037

JANUARY 17, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	28 °F	Dir. E	Temp. 53			
Min.	18 °F	Vel. 1 m.p.h.	Read. 28.94"			
Set	20 °F	Char. NEAR CALM	Corr. 28.87"	0700	1300	1900
R. H.	67 %	24 hr. Mov. 104	Sea L. 30.31"	Clds. 10/10 ALTOSTRAT	Clds.	Clds.
Ppn.	- in.	Prev. Dir.	3 hr. Tend. -.09"	Wx CLOUDY	Wx	Wx
Ppn.	- in.	Snow Depth 2 in.	Observer PJK	Vis. 7 MI.	Vis.	Vis.

Tdw 11°

Reak gust 24 kts 10:19 AM EST