

October 1, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. N.E	Temp. 68°F			
Min.	61 °F	Vel. 8 m.p.h.	Read. 28.73"			
Set	61 °F	Char. -	Corr. 28.61"			
R. H.	90 %	24 hr. Mov. 60	Sea L. 29.91"	0700	Walker Shelter 1300	Walker Mast 1900
Ppn.	Liq. T. in.	Prev. Dir. N.E.	3 hr. Tend. - 1/2 mb	Clds. 10% stratus	Cds. MAX 71°	Clds.
Ppn.	Sol. - in.	Snow Depth - in.	Observer P.A.H.	Wx fog & haze	Wx MIN 59°	Wx
				Vis. 2 mi	Vis. SET 60°	Vis. SET 61°

peak gust @ 2:50 AM = 8 knots

$T_a = 58^\circ F$

October 2 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	66 °F	Dir.	-	Temp.	Fog BINOK		
Min.	59 °F	Vel.	Calm m.p.h.	Read.	28.58"		
Set	60 °F	Char.	-	Corr.	28.46" Thermograph max 67		
R. H.	90 %	24 hr. Mov.	38	Sea L.	0700	1300	1900
					Clds. 10/10 Stratocumulus	Clds. X 71	Clds.
Ppn.	.01 in.	Prev. Dir.	NE	3 hr. Tend.	Wx	Wx-A	Wx
					10.5mb / Cloudy	59	
Ppn.	- in.	Snow Depth	- in.	Observer	Vis.	Vis. S	Vis. S _m
				TNC	1mi	60	

PK WND 9 mph

$$T_d = 57 \text{ } ^\circ\text{F}$$

Oct. 3, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 68° °F		Dir. W	Temp. 68°	Breaks in ovc. Clearing to the south Rainbow to west southwest at 4Z & 11Z Walker Shelter Walker Mast		
Min. 54° °F		Vel. 10 m.p.h.	Read. 28.53"			
Set 55° °F		Char. steady	Corr. 28.42"			
R. H. 84 %		24 hr. Mov. 120	Sea L. 29.76"	0700 Clds. 9/10 Alto cumulus stratus	1300 Clds. MAX 68°	1900 Clds.
Ppn. Lq. 1.51" in.		Prev. Dir. E	3 hr. Tend. +1mb	Wx cloudy (w/overcast)	Wx MAX 52°	Wx
Ppn. Sol. - in.		Snow Depth - in.	Observer P.A.H.	Vis. 5mi	Vis. SET 55°	Vis. SET 55°

peak gust @ 10:37 PM (EST) = 27 knots

$T_d = 50^\circ F$

4 Oct 79

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	60 °F	Dir.	S	Temp.	70	SUNSHINE !!! THIN FOG OR THICK HAZE CLOUDS BREAKING		
Min.	54 °F	Vel.	2 m.p.h.	Read.	28.72			
Set	56 °F	Char.	VERY LIGHT	Corr.	28.60			
R. H.	80 %	24 hr. Mov.	194	Sea L.	29.93	0700	1300	1900
Fpn.	.05 in.	Prev. Dir.	SW	3 hr. Tend.	±00 -	Clds. 5/10 strato cumulus alto cumulus	Clds. 78??	Clds.
Ppn.		Snow Depth		Observer	ACP	Wx	Wx	Wx
				Vis.	5	FAIR	53	
				Vis.			57	56

Gust: 24 @ 2:20 pm EST

Td 50 ?

MERCURY SEPARATION IN
WALKER SHELTER MAX THERMOMETER
WALKER SHELTER RH 70%

Oct 5, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	67 °F	Dir.	W.S.W	Temp.	69	Stratus & fog obscuring ridges. Rain was increasing in intensity at time of obs.		
Min.	53 °F	Vel.	2 m.p.h.	Read.	28.59"			
Set	53 °F	Char.	—	Corr.	28.47"			
R. H.	83 %	24 hr. Mov.	162	Sea L.	29.82"	0700	walker Shelter 1300	walker Tower 1900
Ppn.	.08 in.	Prev. Dir.	S	3 hr. Tend.	1 1/2 mb	Clds. 10/10	Clds. X	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	P.A.H.	Wx light rain fog	Wx N	Wx
						Vis.	53°	Vis.
						2 mi	53°	53°

peak gust @ 2:59 AM (EST) = 21 knots

$T_d = 48^\circ\text{F}$

OCT 6, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	54° °F	Dir. SSW	Temp. 66°	STREAKY CIRRUS ALQDS FEW RAGGED STRATOCU. OVER RIDGES W.		
Min.	41° °F	Vel. 6 m.p.h.	Read. 28.59"			
Set	42° °F	Char. —	Corr. 28.48"			
R. H.	65 %	24 hr. Mov. 165	Sea L. 29.85"	0700 Clds. 8/10 CIRRUS	1300 Clds. 56°	1900 Clds.
Ppn. Liq.	1.30" in.	Prev. Dir. SW	3 hr. Tend. +1.5 MB /	Wx HAZY SUNSHINE	Wx 41°	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer AB	Vis. 30 MI	Vis. 43°	Vis. 42°

PK WIND: 29 KNOTS @ 0039 EST
Td: 31°

October 7 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	59 °F	Dir.	SW	Temp.	65			
Min.	42 °F	Vel.	5 m.p.h.	Read.	28.38"			
Set	49 °F	Char.	Steady	Corr.	28.27"			
R. H.	%	24 hr. Mov.	150	Sea L.	29.60"	0700	1300	1900
Ppn.	.07 in.	Prev. Dir.	SW	3 hr. Tend.	-0.7 \	Clds. 10/10 stratocv	Clds. 58	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	TNC	Wx cloudy	Wx n 44	Wx
						Vis. 12 mi	Vis. 5 49	Vis.

Peak Wind 25 Kts @ 2200

$T_d = 38^\circ F$

Oct 8, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	50 °F	Dir.	W → NW	Temp.	63°	rapidly moving clouds out of N.W.		
Min.	41 °F	Vel.	10 m.p.h.	Read.	28.70"	Clouds breaking at time of obs.		
Set	44 °F	Char.	gwsty	Corr.	28.60"	RECORD LOW MAX OLD RECORD 51°		
R. H.	60 %	24 hr. Mov.	192	Sea L.	29.96"	0700	Shelter	Tower
Ppn.	.09 in.	Prev. Dir.	W	3 hr. Tend.	+4 mb	1300	1300	1900
Ppn.	- in.	Snow Depth	- in.	Observer	P.A.H	Clds. 3/10	Clds. X	Clds.
						AltoCumulus	51°	
						Wx P. Sunny	Wx N	Wx
							40°	
						Vis.	Vis. S	Vis. S
						15mi	44°	44°F

peak gust @ 12:05 PM (EST) = 24 knots

$T_d = 31^\circ\text{F}$

9 October 79

Temp.		Wind		0700 EST		0700		
Max.	°F	Dir.		Barom.	Temp.	Meteorological Observatory University Park, Pa. General Obs.		
54		SE		65				
Min.	°F	Vel.	m.p.h.	Read.				
44		4		28.47				
Set	°F	Char.		Corr.				
53		LIGHT		28.36				
R. H.	%	24 hr. Mov.		Sea L.	0700	1300	1900	
86		144		29.70	Clds. 10/10 STRAIGHT	Clds. 57	Clds.	
Ppn. Liq.	in.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
.04		SW		1.02 ✓	DRIZZLE	38 ?		
Ppn. Sol.	in.	Snow Depth	in.	Observer	Vis.	Vis.	Vis.	
				ACP	2 1/2	56	56	

Q15T 20 @ 10:00
A 11:15 EST

$$\sqrt{A} = 49$$

Oct 10, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.																													
Max.	57 °F	Dir.	S.E.	Temp.	63	rain/snow mixture scattered through Southern Pa. Confirmed moderate snow north of Philly.																													
Min.	38 °F	Vel.	2 m.p.h.	Read.	28.73"																														
Set	38 °F	Char.	light & variable	Corr.	28.63"																														
R. H.	79 %	24 hr. Mov.	115	Sea L.	30.01"	<table border="1"> <thead> <tr> <th></th> <th>Shelter</th> <th>Tower</th> </tr> <tr> <th></th> <th>0700</th> <th>1300</th> <th>1900</th> </tr> </thead> <tbody> <tr> <td>Clds. 10/10 altoc. & altostratus</td> <td>CMS X</td> <td>57</td> <td>Clds.</td> </tr> <tr> <td>Wx</td> <td>Wx N</td> <td>38</td> <td>Wx</td> </tr> <tr> <td>Wx</td> <td>Cloudy</td> <td></td> <td></td> </tr> <tr> <td>Vis.</td> <td>10 mi</td> <td>Vis. S</td> <td>39</td> </tr> <tr> <td>Vis.</td> <td></td> <td>Vis. S</td> <td>40</td> </tr> </tbody> </table>				Shelter	Tower		0700	1300	1900	Clds. 10/10 altoc. & altostratus	CMS X	57	Clds.	Wx	Wx N	38	Wx	Wx	Cloudy			Vis.	10 mi	Vis. S	39	Vis.		Vis. S	40
	Shelter	Tower																																	
	0700	1300	1900																																
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Wx	Wx N	38	Wx																																
Wx	Cloudy																																		
Vis.	10 mi	Vis. S	39																																
Vis.		Vis. S	40																																
Ppn. Liq.	.06" in.	Prev. Dir.	N	3 hr. Tend.	- steady																														
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	P.A.H.																														

$T_d = 32^\circ\text{F}$

peak wind @ 11:57 AM = 30 knots

11 October 79

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		0700 EST		General Obs.		
Max.	48 °F	Dir.	SW	Barom.	Temp.	THIN SHALLOW GROUND FOG SUNSHINE !!		
Min.	35 °F	Vel.	4 m.p.h.	Read.	62			
Set	36 °F	Char.	LIGHT	Corr.	28.64			
R. H.	82 %	24 hr. Mov.	124	Sea L.	29.93	0700	1300	1900
Ppn. Liq.	.04 in.	Prev. Dir.	SW	3 hr. Tend.	+0.02	Clds. 7/10 Alto cu 2/10 CIRRUS 5/10	Clds. 48	Clds.
Ppn. Sol.	0 in.	Snow Depth		Observer	ACP	Wx HI THIN CLOUDS	Wx 33	Wx
				Vis.	13		Vis. 37	Vis.

Gust: 17 @ 1400 EST

$T_d = 30$

WALKER SWED R.H. 84%

OCT 12, 1979

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		rapidly moving cloud deck out of south. minimum since midnight ≈ 43°					
Max.	54 °F	Dir.	S.S.W	Temp.	64 °						
Min.	35 °F	Vel.	10 m.p.h.	Read.	28.43"						
Set	45 °F	Char.	steady	Corr.	28.33"						
R. H.	79 %	24 hr. Mov.	135	Sea L.	29.68"	0700	shelter	tower			
Ppn.	.07 in.	Prev. Dir.	S	3 hr. Tend.	1-1mb	1300	1900				
Ppn.	- in.	Snow Depth	- in.	Observer	P.A.H.	Clds. w/ in altocum & stratus	Glds. X	Clds.			
						Wx light rain, fog	Wx N	Wx			
						Vis.	Wx S	Wx S			
						3mi	45	45			

peak wind @ 9:05 PM (EST) = 23 knots

$T_d = 38^\circ\text{F}$

PK. WND. 26 k @ 2315 EST.
Td. 22°

OCT. 14, 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	48 °F	Dir.	WSW	Barom.	Temp.	BINOC S-W 1128 RW - FEW IP		
Min.	38 °F	Vel.	5 m.p.h.	Read.	28.99			
Set	40 °F	Char.	—	Corr.	28.87			
R. H.	62 %	24 hr. Mov.	185	Sea L.	30.26	0700	1300	1900
Ppn.	Liq. .T in.	Prev. Dir.	W	3 hr. Tend.	72mb/	Clds. 9/10	Clds. x48	Clds.
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	TNC	Wx Cloudy	Wx " 28?"	Wx
				Observer	TNC	Vis. 25 mi	Wx. 540	Wx. MS 39

PIC WIND 30 Kts @ 11AM

$T_d = 27^\circ F$

Oct. 15, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	48 °F	Dir.	WSW	Temp.	60°F			
Min.	35 °F	Vel.	10 m.p.h.	Read.	28.96"			
Set	36 °F	Char.	steady	Corr.	28.86"			
R. H.	62 %	24 hr. Mov.	160	Sea L.	30.23"	0700	1300	1900
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	-	Clds. 4/10 cirrus, stratocumulus	6ths X 48°	Clds.
Ppn.	T in.	Snow Depth	- in.	Observer	P.A.H.	Wx partly cloudy	Wx N 34°	Wx
				Observer	P.A.H.	Vis.	Vis S 35°	Vis S 36°

peak gust @ 10 AM = 24 knots

$T_d = 24^{\circ}\text{F}$

16 Oct 79

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	59 °F	Dir.	(S)	Temp.	64	POWER PLANT PLUME FUMIGATING MT NITTANY		
Min.	36 °F	Vel.	0 m.p.h.	Read.	28.93			
Set	45 °F	Char.	NEARLY CALM	Corr.	28.82			
R. H.	55 %	24 hr. Mov.	174	Sea L.	30.19	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	+0.04" ✓	Clds. 9/10 STRATO CU ALTO CU	Clds. 60	Clds.
Ppn.	0 in.	Snow Depth		Observer	ACP	Wx MOSTLY CLOUDY	Wx 27(?)	Wx
				Vis.	25+	Vis.	45	Vis. 48

$T_d = 30$

Gust: 25 @ 1400 EDT

Walker RH 60% (shelter)

OCT 17, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. S.W	Temp. 62°	min T since midnight = 46°		
Min.	44 °F	Vel. 2 m.p.h.	Read. 29.00"			
Set	47 °F	Char. light	Corr. 28.90"			
R. H.	63 %	24 hr. Mov. 35	Sea L. 30.28"	0700 Clds. 10/10 stratus & fog	1300 Clds. X 61	1900 Clds.
Ppn. Ld.	.01 in.	Prev. Dir. S.W	3 hr. Tend. +1mb	Wx drizzle	Wx N 43	Wx
Ppn. Sol.	- in.	Snow Depth	Observer P.A.H	Vis. 5mi	Vis. 3 47	Vis. 3 47

peak gust @ 12.50 PM (E) = 12 knots.

$$T_d = 35^{\circ}\text{F}$$

18 Oct 79

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	56 °F	Dir. (SW)	Temp. 66	SURFACE VISIBILITY 1 mi VISIBILITY TO RIDGES 3 mi		
Min.	47 °F	Vel. 0 m.p.h.	Read. 29.05			
Set	49 °F	Char. CALM	Corr. 28.94	0700	1300	1900
R. H.	%	24 hr. Mov. 41	Sea L. 30.31	Clds. 6/10 ALTO CU	Clds. 56 56	Clds.
Ppn.	Liq. .03 in.	Prev. Dir. SW	3 hr. Tend. +.02" /	Wx SHALLOW GROUND FOG	Wx 45	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer ACP	Vis. 3	Vis. 49	Vis. 49

No gust > 10 mph

Td UNREADABLE

WALKER SHELTER RH 85%

Oct 19, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir.	67	Sun barely visible through dense fog		
Min.	46 °F	Vel.	29.02"			
Set	47 °F	Char.	28.90"			
R. H.	83 %	24 hr. Mov.	Sea L.	0700	shelter	tower
		15	30.26"	Clds.	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	observed	Clds. X	Clds.
-	in.	E	-	Wx	67	
				dense fog	Wx N	Wx
					45	
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis. S	Vis. S
-	in.	- in.	P.A.H	100 yards	47	47

peak wind @ 1:15 PM (EST) = 8 knots

$T_a = 42^\circ\text{F}$

SATURDAY, OCT. 20, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	73° F	Dir.	SW.	Temp.	68°	ALTOCU. APPROACHING FROM W.		
Min.	46° F	Vel.	4 m.p.h.	Read.	28.96"			
Set	57° F	Char.	—	Corr.	28.85"			
R. H.	77 %	24 hr. Mov.	119	Sea L.	30.19"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	S	3 hr. Tend.	+1.0mb	Clds. 6/10	Clds. 73	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	YB	Wx HAZY	Wx 43	Wx
						SUNSHINE	43	
						Vis. 5 MI.	Vis. 57	Vis. 58

PK WND: 20 K AT 1302 EST.

Td: 50

OCT. 21, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78° F	Dir. SW	Temp. 70°			
Min.	57° F	Vel. 3 m.p.h.	Read. 28.91"			
Set	59° F	Char. -	Corr. 28.80"			
R. H.	78 %	24 hr. Mov. 110	Sea L. 30.17"	0700 Clds. 2/10 CIRRUS	1300 Clds. 78	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. SW	3 hr. Tend. +0.8 mb	Wx SUNNY	Wx 56	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer YB.	Vis. 10 MILES	Vis. 58	Vis. 60

Td: 52

PK WND: 16 K @ 12:03 EST.

Oct 22, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	81° °F	Dir. SSW	Temp. 62°	shallow fog in valleys NEW HIGH TEMP RECORD ties old record of 81° set in 1947		
Min.	56° °F	Vel. 2 m.p.h.	Read. 28.94"			
Set	57° °F	Char. light	Corr. 28.84"			
R. H.	77 %	24 hr. Mov. 70	Sea L. 30.20"	0700 Clds. < 1/10 Cirrus to N.W.	1300 Clds. 81°	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. SW	3 hr. Tend. /+1.5mb	Wx SUNNY	Wx 54°	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer P.A.H	Vis.	Vis. 55°	Vis. 57°

Peak gust @ 2.11 PM (E) = 21 knots

$T_a = 50^\circ\text{F}$

23 OCT 79

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	84 °F	Dir.	S	Temp.	NEW RECORD MAX OLD RECORD 81° (1947) WARMEST SO LATE IN SEASON		
Min.	57 °F	Vel.	4 m.p.h.	Read.			
Set	64 °F	Char.	GUSTY	Corr.			
R. H.	65? %	24 hr. Mov.	142	Sea L.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	Clds. 8/10 2/10 AC & Ci	Clds. 82	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	Wx FAIR ... HI THIN CLOUDS	Wx 57	Wx
				ACP	Vis.	Vis.	Vis.
					12	64	

GUST: 20 @ 0020
and 0645 23 Oct

Td 52 ?

WALTER SHED RH 70

Oct 24, 1979

Temp.		Wind		0700 EST		Meteorological Observatory University Park, Pa. General Obs.		
Max.	70° F	Dir.	W	Barom.	Temp.	BINORC.		
Min.	40° F	Vel.	15 m.p.h.	Read.	64			
Set	41° F	Char.	gusty	28.55"	28.55"			
R. H.	63 %	24 hr. Mov.	180	Sea L.	29.82"			
Ppn. Liq.	.66 in.	Prev. Dir.	W	3 hr. Tend.	—	0700	1300	1900
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	P.A.H.	Clds.	10/10 stratu. & alt. stratus	Clds.
				Vis.	20 mi	Wx	cloudy	Clds.
				Vis.		Wx	40°	Wx
				Vis.		Vis.	41°	Vis.
				Vis.		Vis.	41°	Vis.

peak gust @ 9:48AM (E) = 28 knots

$T_d = 29^{\circ}\text{F}$

25 October 79

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	44 °F	Dir.	WSW	Temp.			
				62			
Min.	39 °F	Vel.	10 m.p.h.	Read.			
				28.68			
Set	40 °F	Char.	STRONG GUSTY	Corr.			
				29.58			
R. H.	%	24 hr. Mov.	318	Sea L.	0700	1300	1900
				29.96	Clds. 9/10 STRATO CU	Clds. 45	Clds.
Ppn.	Liq.	Prev. Dir.	WSW	3 hr. Tend.	Wx	Wx	Wx
T	in.			+0.05 /	CLOUDY 0 BREAKS	26 ??	
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.
	in.	in.		ACP	15	41	40

Gust 28 @ 1340 AND 1800 E.
Td UNREADABLE
WAKEE SHELTER RH 65

Oct 26, 1979

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	44 °F	Dir. W.N.W	Temp. 60°	BKNVC (blue sky visible in places) Very light snowflurries at 6:45 AM (local time)		
Min.	33 °F	Vel. 8 m.p.h.	Read. 28.85"			
Set	35 °F	Char. gusty	Corr. 28.75"			
R. H.	69 %	24 hr. Mov. 165	Sea L. 30.03"	0700 Clds. 10/10 BKNVC.	1300 Clds. 45	1900 Clds.
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. /+2mb	Wx clear cloudy	Wx 31 (?)	Wx
Ppn.	T in.	Snow Depth - in.	Observer P.A.H	Vis. 30 mi	Vis. 35	Vis. 35

peak gust @ 9:03 AM (E) = 26 knots

$T_d = 26^{\circ}F$

OCTOBER 27, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. NW	Temp. 61	Thin spots in ovc		
Min.	35 °F	Vel. 1 m.p.h.	Read. 28.97"			
Set	36 °F	Char. -	Corr. 28.85"			
R. H.	52 %	24 hr. Mov. 108	Sea L. 30.26"	0700 Clds. 10/10 stratus	1300 Clds. " 35	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. NW	3 hr. Tend. 0.4 mb -	Wx cloudy	max 41	Wx
Ppn. Sol.	T in.	Snow Depth -	Observer TNC	Vis. >20 mi	max ms 36	Vis.

PK WND - 18 Kts ~ 21 mph

$T_d = 22^\circ F$

H₂O 52%

OCTOBER 28, 1977 0700 EST


Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. SW	Temp. 62	PCPN VRY LGT SCUD SE-S MAMMA W		
Min.	36 °F	Vel. 7 m.p.h.	Read. 28.98"			
Set	40 °F	Char. Steady	Corr. 28.98'			
R. H.	83 %	24 hr. Mov. 69	Sea L. 28.85"	0700 Clds. 10/10 Stratocum albcu	1300 Clds. stratus	1900 Clds. X 49.5
Ppn. Liq.	.28 in.	Prev. Dir. SW	3 hr. Tend. -1.7mb	Wx cldy-H. rain	Wx rain	35
Ppn. Sol.	- in.	Snow Depth -	Observer TNC	Vis. 10 mi	Vis.	40

PK Wind 14 Kts

10:30 EST

$T_d = 32^\circ F$



Oct 29, 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. N.W	Temp. 62	broad deck of alto cu. on north horizon moving east low since midnight = 43° F		
Min.	40 °F	Vel. 10 m.p.h.	Read. 28.77			
Set	43 °F	Char. speed variable gusting	Corr. 28.67"			
R. H.	67 %	24 hr. Mov. 110	Sea L. 30.04"	0700 Clds. 2/10 alto cu.	1300 Clds. 58	1900 Clds.
Ppn.	Liq. .01 in.	Prev. Dir. W	3 hr. Tend. +2mb	Wx partly cloudy	Wx 40	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer P.A.H.	Vis. 15 mi	Vis. 43	Vis. 44

peak gust @ 4:25 PM = 18 knots

$T_a = 33^\circ\text{F}$

30 Oct 70

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	(S)	Temp.	62	SURFACE OBSERVATION 2 POWER PLANT COOLING TOWERS STRATUS IN VALLEY SW SUNRISE 0645		
Min.	30 °F	Vel.	0 m.p.h.	Read.	29.07			
Set	31 °F	Char.	CALM	Corr.	28.97			
R. H.	%	24 hr. Mov.	89	Sea L.	30.39	0700	1300	1900
						Clds. 1/10 CIRRUS	Clds. 55	Clds.
Ppn.	Liq. in.	Prev. Dir.	WNW	3 hr. Tend.	407" /	Wx FAIR SMALLOW FOG	Wx 29	Wx
Ppn.	Sol. in.	Snow Depth	in.	Observer	ACP	Vis. 6	Vis. 29	Vis.

Guest: 17 @ 12/15

TJ 25? ILLEGIBLE

WARRIOR SISTER RH 85%

Oct 31 1979

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. ESE	Temp. 62	light frost Temp sin 12 midday = 32 °F		
Min.	31 °F	Vel. 2 m.p.h.	Read. 29.18"			
Set	34 °F	Char. light & var	Corr. 29.08"			
R. H.	62 %	24 hr. Mov. 35	Sea L. 30.49	0700 Clds. 0/10	1300 Clds. 57	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. E	3 hr. Tend. 1/2mb	Wx sunny lw./some haze	Wx 28	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer P.A.H.	Vis. 5mi	Vis. 34	Vis. 35

Peak gust @ 7:20 PM = 12 kts

$T_d = 22^{\circ}F$