

Meteorological Observatory
University Park, Pa.

AUGUST 1, 1976

0700 EST

Temp.		Wind	Barom.	0700 (EST) General Obs.		
Max.	Dir.	Temp.	BINOC SW-NE Quadrant			
81 °F	WSW	70.5°				
Min.	Vel.	Read.				
59 °F	2 m.p.h.	20.610				
Set	Char.	Corr.	0700	1300	1900	
61 °F	STEADY	28.488	Clds.	Clds.	Clds.	
R. H.	24 hr. Mov.	Sea L.	8/10 stratus 2/10 strato-cumulus			
89 %	68	29.782	Wx	Wx	Wx	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	CLOUDY			
.53 in.	S-W	+1.11	Vis.	Vis.	Vis.	
Ppn. Sol.	Snow Depth	Observer	30 mi.			
— in.	— in.	K.H.				

MAX = 80.9°

MIN = 59.1°

WEY = 59.1°

SET = 61.2°

T₀ = 57.8°

R.H.

Peak Wind of 36 kts at 6:53 PM (EST)

JULY 31, 1976

AUG. 2, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. SW	Temp. 72	FEW ci + Scn W-NE		
Min.	48 °F	Vel. 2 m.p.h.	Read. 29.901			
Set	59 °F	Char. STEADY	Corr. 28.774			
R. H.	85 %	24 hr. Mov. 76	Sea L. 30.123	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. NNW-SW	3 hr. Tend. +1.7mb	Wx	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer P.K.	Vis. 30 miles	Vis.	Vis.

$T_{SET} = 53.9^{\circ}F$

$T_{ND} = 51.4^{\circ}F$

$T_{DR} = 49.5^{\circ}F$

$A.H. = 85\%$

PEAK WIND OF 19 KTS AT 19:57 AA EST ON 8/176

AUG 3, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. NE	Temp. 69			
Min.	49 °F	Vel. 2 m.p.h.	Read. 29.119			
Set	50 °F	Char. LIGHT	Corr. 29.001			
R. H.	97 %	24 hr. Mov. 48	Sea L. 30.343	0700 Clds. OBSCURED	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. NW	3 hr. Tend. +2.4/	Wx DENSE FOG	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer L.T.	Vis. 1/8 mi	Vis.	Vis.

$T_{SET} = 50^{\circ}$

$T_{NET} = 49.5^{\circ}$

$T_D = 49.1^{\circ}$

R.H. = 97%

PEAK WIND 14 KTS AT 4:21 PM

AUG 2, 1976

AUG. 4, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. NE	Temp. 72			
Min.	49 °F	Vel. 1 m.p.h.	Read. 29.059			
Set	55 °F	Char. NEAR CALM	Corr. 28.932			
R. H.	95 %	24 hr. Mov. 37	Sea L. 30.270	0700 Clds. CLEAR ✓	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. E	3 hr. Tend. +0.2 ✓	Wx PARTLY OF HAZE	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer P.S.	Vis. 4 mi E. 7 mi W.	Vis.	Vis.

$$T_{SET} = 55.4$$

$$T_W = 54.6$$

$$T_D = 54.0$$

$$RM = 95\%$$

AUGUST 5, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
81 °F	CALM	74.5°				
Min.	Vel.	Read.				
53 °F	0 m.p.h.	28.858				
Set	Char.	Corr.				
58 °F	LIGHT	28.725				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
94 %	38	30.037	Clds.	Clds.	Clds.	
			9/10			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
-	in.	N-S	+7.1	Fog		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
-	in.	- in.	K.H.	3 mi		

MAX = 80.6°

Peak Wind of 10 kts at 2:25 p.m. (EST)

MIN = 53.3°

August 4, 1976

WET = 56.4

SET = 57.9

T_b = 56.3°

R.H. = 94%

AUGUST 6, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. SSW	Temp. 70°	occult Av + 0715EST @ 0755 EST		
Min.	58 °F	Vel. 3 m.p.h.	Read. 28.600			
Set	66 °F	Char. STEADY	Corr. 28.679			
R. H.	99 %	24 hr. Mov. 116	Sea L. 29.982	0700 Clds. - Y No STWS	1300 Clds.	1900 Clds.
Ppn. Liq.	.32 in.	Prev. Dir. SW	3 hr. Tend. +1.2mb	Wx RW- FOG	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer P.K.	Vis. 3/4 mile	Vis.	Vis.

$T_{SET} = 65.7^{\circ}F$

$T_{DR} = 65.4^{\circ}F$

R.H. = 99%

PEAK WIND OF 30 KTS AT 9:18 P.M. EST ON 8/5/76

AUGUST 7, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. NNW	Temp. 69	RAIN HEAVIER IN HOUR PREVIOUS TO OBSERVATION AT 0700 EST		
Min.	58 °F	Vel. 6 m.p.h.	Read. 28.779			
Set	59 °F	Char. STEADY	Corr. 28.661			
R. H.	97 %	24 hr. Mov. 121	Sea L. 29.981	0700 Clds. w/10 Stratus	1300 Clds.	1900 Clds.
Ppn. Liq.	1.93 in.	Prev. Dir. SW-NW	3 hr. Tend. +.65	Wx RAIN	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer L.T.	Vis. 1 1/2 mi	Vis.	Vis.

$T_{SET} = 59$

$T_{WBT} = 58.5$

$T_D = 58.2$

R.H. = 97%

PEAK WIND 10 KTS AT 7:50 PM
AUGUST 6, 1976

AUGUST 8, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	Light Fog all quads (0700 EST)			
71 °F	SW	69°				
Min.	Vel.	Read.				
58 °F	2 m.p.h.	28.749				
Set	Char.	Corr.				
62 °F	LIGHT	28.631				
R. H.	24 hr. Mov.	Sea L.	0700	1300	1900	
92 %	57	29.943	Clds. stratus	Clds.	Clds.	
			1%			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
.10 in.	N-S-SW	1.2 ✓	CLOUDY			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
- in.	- in.	K.H.	8 mi.			

Continuation of the standard form used for recording observations at surface stations. It is to be used only for surface observations. It is not to be used for observations at other than surface stations.

MAX = 70.8°

MIN = 57.9°

SET = 62.5°

WET = 61.0°

T₀ = 60.2°

R.H. = 92%

Peak Wind of 19 kts. at

6:54 p.m. (EST)

August 7, 1976

AUG-9, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.				
Max.	69 °F	Dir.	NW	Temp.	66				
Min.	53 °F	Vel.	1 m.p.h.	Read.	28.848				
Set	56 °F	Char.	NEAR CALM	Corr.	28.731				
R. H.	98 %	24 hr. Mov.	51	Sea L.	30.059	0700	1300	1900	
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.8 ✓	Clds.	10/10 St	Clds.	
Ppn.	— in.	Snow Depth	— in.	Observer	P.S.	Wx	66	Wx	
						Vis.	3 mi.	Vis.	

$$T_{set} = 55.8$$

$$T_{DW} = 55.6$$

$$T_D = 55.4$$

$$RH = 98.90$$

no winds over 10kts.

AUGUST 10, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. WSW	Temp. 69			
Min.	56 °F	Vel. 4 m.p.h.	Read. 28.881			
Set	63 °F	Char. STEADY	Corr. 28.763			
R. H.	82 %	24 hr. Mov. 92	Sea L. 30.091	0700 Clds. <i>10/10 Stratus Alto Cu.</i>	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. NE-SW	3 hr. Tend. +2.5/	Wx	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer L.T.	Vis. 5 mi	Vis.	Vis.

$T_{SET} = 63$

$T_{NET} = 59.6$

$T_D = 57.5$

$R.H. = 82\%$

PK. WIND 13 KTS 4:25 AM GST
AUG 10, 1976

AUGUST 11, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	80 °F	Dir.	CALM	Temp.	FOG HEAVIEST TO NORTH AND EAST		
				78			
Min.	56 °F	Vel.	0 m.p.h.	Read.			
				29.095			
Set	58 °F	Char.	CALM	Corr.			
				28.952			
R. H.	97 %	24 hr. Mov.	55	Sea L.	0700	1300	1900
				30.370	Clds.	Clds.	Clds.
					0/10		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
-	in.	SW	+1.5/	FOG			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
-	in.	- in.	L.T.	3 mi			

$T_{SET} = 58.2$

$T_{WET} = 57.5$

$T_D = 57.1$

R.H. = 97%

PK WIND 16 KTS AT 12:47 & 12:53 P.M.
E.S.T. AUG 10, 1976

AUGUST 12, 1976

0700 EST

**Meteorological Observatory
University Park, Pa.**

Temp.		Wind		Barom.	General Obs.			
Max.	83 °F	Dir.	S	Temp.	Fog in NE end of valley			
				71°				
Min.	58 °F	Vel.	1 m.p.h.	Read.				28.941
Set	63 °F	Char.	LIGHT	Corr.	28.817	0700	1300	1900
R. H.	89 %	24 hr. Mov.	45	Sea L.	Clds. alto-cumulus 8/10	Clds.	Clds.	
Ppn.	— in.	Prev. Dir.	S-SW	3 hr. Tend.	Wx	Wx	Wx	
Ppn.	— in.	Snow Depth	— in.	Observer	P. Cloudy Vis. 7mi SW 4mi NE	Vis.	Vis.	

Max = 82.7°

Peak Wind of 11 kts at 12:53 pm (EST)

Min = 58.8°

August 11, 1976

WET = 60.9°

SET = 63.0°

T₀ = 59.7°

R.H. = 89%

August 13, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.					
Max.	87 °F	Dir.	S-SW	Temp.	73.8°F						
Min.	63 °F	Vel.	1 m.p.h.	Read.	28.803						
Set	71 °F	Char.	Light	Corr.	28.672						
R. H.	83 %	24 hr. Mov.	76	Sea L.	29.961	0700	1300	1900			
						Clds.	Clds.	Clds.			
Ppn.	—	Liq.	—	Prev. Dir.	S-SW	3 hr. Tend.	+4A	Wx	Hazy Sunshine	Wx	Wx
Ppn.	—	Sol.	—	Snow Depth	—	Observer	Chez	Vis.	3 3/4 mi. Haze & G.F.	Vis.	Vis.

Max = ~~62.7~~ 86.9

Min = 62.7

Set = 71.2

$T_w = 67.4$

$T_d = 65.6$

R.H. = 83%

Max Gust of

16 Kts at

^{PM.}
2:58 EDT on

~~July~~

August 12, 1976

AUGUST 14, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	CALM	Temp.	74			
Min.	59 °F	Vel.	0 m.p.h.	Read.	28.759			
Set	61 °F	Char.	STEADY	Corr.	28.628	0700	1300	1900
R. H.	96 %	24 hr. Mov.	66	Sea L.	29.946	Clds. 1/10 cirrus	Clds.	Clds.
Ppn. Liq.	.33 in.	Prev. Dir.	S-NE	3 hr. Tend.	71.5	Wx LIGHT FOG	Wx	Wx
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	KH	Vis. NE 2 mi SW 4 mi	Vis.	Vis.

MAX = 81.8°

MIN = 58.8°

WET = 60.4°

SET = 61.1°

T₀ = 59.9°

R.H. = 96%

Peak Winds of :

24 kts at 5:12pm (EST)

29 kts at 11:20pm (EST)

} August 13, 1976

AUGUST 15, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. SW	Temp. 70	RW+ began 1:30 E.D.T. ended 1:40 E.D.T.		
Min.	61 °F	Vel. 2 m.p.h.	Read. 28.783	light to moderate rain ≈ 45 min prior to that with a few claps of thunder & moderate rain continuing after it until 3:30 P.M.		
Set	63 °F	Char. light	Corr. 28.661	From AT 3:30 P.M. WITH VERY DARK CLEW WINDHEAD!		
R. H.	97%	24 hr. Mov. 61	Sea L. 29.961	0700 Clds. 10/10 Str.CU.	1300 Clds.	1900 Clds.
Ppn. Liq.	.05 in.	Prev. Dir. S-SW	3 hr. Tend. +.95	Wx FDG	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer L.T.	Vis. 2 1/2	Vis.	Vis.

TSET = 63.5

TWET = 63

T_D = 62.87

R.H. = 97%

PK. WIND 10 KTS 12:25 PM E.S.T.
AUG 14, 1976

AUG. 16, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. WNW	Temp. 79			
Min.	53 °F	Vel. 4 m.p.h.	Read. 28.930			
Set	56 °F	Char. LIGHT	Corr. 28.787			
R. H.	97 %	24 hr. Mov. 84	Sea L. 30.137	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn.	.99 in.	Prev. Dir. SW-NW	3 hr. Tend. +1.8/	Wx Heavy Dew	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer P.S.	Vis. 20+ mi.	Vis.	Vis.

TSET = 55.7

TW = 55.1

TD = 54.7

RH = 97%

~~XXXXXXXXXXXX~~

PK WIND - 14 KTS @ 1421 EST
FRIPA

AUGUST 17, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	73 °F	Dir.	WSW	Temp.	74	SOME DEN (SOME DON'T)		
Min.	50 °F	Vel.	3 m.p.h.	Read.	29.038			
Set	56 °F	Char.	STEADY	Corr.	28.906			
R. H.	79 %	24 hr. Mov.	100	Sea L.	30.259	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	NW-WSW	3 hr. Tend.	+1.2mb/	Wx	Wx	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	P.K.	Vis.	35+	Vis.
						Vis.		Vis.

Tset = 55.8°F

Twb = 52.4°F

Tdp = 49.7°F

RH = 79%

PEAK WIND OF 17 KTS. RECORDED AT 3:37 AM. EST of 8/16/76
4:35 AM.

AUGUST 18, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. CALM	Temp. 82			
Min.	54 °F	Vel. CALM m.p.h.	Read. 29.050			
Set	59 °F	Char. Light	Corr. 28.897			
R. H.	84 %	24 hr. Mov. 66	Sea L. 30.230	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. NW-SW	3 hr. Tend. +1.3mb/	Wx	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer P.K.	Vis. 20miles	Vis.	Vis.

$$T_{SET} = 59.4^{\circ}F$$

$$T_{WB} = 56.9^{\circ}F$$

$$T_{D.P.} = 59.4^{\circ}F$$

$$R.H. = 84\%$$

PEAK WIND GUST TO 14KTS. AT 3:48 P.M. EST ON
8/17/76

AUGUST 19, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	NE	Temp.	75	FOG IN VALLEY TO NE AND E.		
Min.	53 °F	Vel.	2 m.p.h.	Read.	29.138			
Set	57 °F	Char.	LIGHT	Corr.	29.003			
R. H.	89 %	24 hr. Mov.	64	Sea L.	30.330	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NE-E	3 hr. Tend.	+2/	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	L.T.	Wx	Wx	Wx
						0/10		
						Wx SOME FOG		
						Vis.	Vis.	Vis.
						3 mi.		

$T_{SET} = 57.4$

$T_{WET} = 55.5$

$T_b = 54.2$

R.H. = 89%

PK. WIND OF 15 KTS AT 12:21 PM EST
ON AUG. 19, 1976

$T_{SET} = 54.9$
 $T_{WET} = 54.0$
 $T_D = 53.4$
R.H. = 94%

NO WINDS OVER 10KTS PREVIOUS
24 HOURS

August 21, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	84 °F	Dir.	Calm	Temp.	82	0700 Patchy Dense Ground Fog		
Min.	52 °F	Vel.	Calm m.p.h.	Read.	29.067			
Set	56 °F	Char.	Lite	Corr.	28.914			
R. H.	96 %	24 hr. Mov.	24	Sea L.	30.291	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	E-SE	3 hr. Tend.	1.47	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Chez	Wx	Wx	Wx
				Observer	Chez	Vis.	Vis.	Vis.
				Observer	Chez	2 3/4 mi G.P.		

max = 83.5

Min = 52.1

Set = 56.0

Twset = 57.0 (T rose rapidly while taking obs)

Tw = 56.4

Td = 56.0

R. H. = 96%

max Wind ^{gust} of

10 kts at 3:08 P.M.

On August 20, 1972

AUGUST 22, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp.	LIGHT FOG IN NE END OF VALLEY				
86 °F	CALM	73					
Min.	Vel.	Read.					
56 °F	0 m.p.h.	28.890					
Set	Char.	Corr.					
62 °F	LIGHT	28.761	0700	1300	1900		
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.		
87 %	25	30.061	CLEAR				
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
- in.	S-W	+4 ✓	SUNNY				
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
- in.	- in.	K.H.	4 mi NE				
			8 mi SW				

MAX = 86.4°

MIN = 56.4°

SET = 61.9°

WET = 59.4°

T₀ = 57.9°

R.H. = 87%

Peak Wind of 6 KTS AT

2:11 PM (CEST)

3:28 PM (CEST)

} AUGUST 21, 1976

MAX 90.3°

MIN 57.9°

WET 57.5°

SET 60.8°

To 55.3°

R.H. 82%

PEAK WIND OF 8 KTS AT

1:30pm (EST) August 22, 1976

AUGUST 24, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. NNW	Temp. 74			
Min.	60 °F	Vel. 6 m.p.h.	Read. 29.034			
Set	65 °F	Char. STEADY	Corr. 28.902			
R. H.	85 %	24 hr. Mov. 77	Sea L. 30.206	0700 Clds. Str. 6/10 Cu d Cl	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. SW-NNW	3 hr. Tend. +1.8 /	Wx Fog & HAZE	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer L. T.	Vis. 3 mi	Vis.	Vis.

$$T_{\text{SET}} = 65.5$$

$$T_{\text{WET}} = 62.5$$

$$T_D = 60.8$$

$$\text{R.H.} = 85\%$$

AUGUST 25, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	—	Temp.	70	SKY PARTIALLY OBLSCURED OVERCAST 3/10 ACU + 7/10 ☼, ☽, ☾ AT OBS. TIME WITH SUN DIMLY VISIBLE		
Min.	59 °F	Vel.	CALM m.p.h.	Read.	29.038			
Set	61 °F	Char.	VERY LIGHT	Corr.	28.915			
R. H.	94 %	24 hr. Mov.	29	Sea L.	30.237	0700	1300	1900
Ppn.	—	Prev. Dir.	MOSTLY NE	3 hr. Tend.	+6mb	Clds. X OBLSCURED	Clds.	Clds.
Ppn.	—	Snow Depth	—	Observer	P.K.	Wx FOG HALE SMOKE	Wx	Wx
	in.		in.			Vis.	Vis.	Vis.
	in.		in.			1 1/4 miles		

$T_{SET} = 61.0'$

$T_{WD} = 59.9'$

$T_{DP} = 59.3$

$R.H. = 94\%$

PEAK WIND OF 9 KTS. AT 7:05 AM

+
8:05 AM. EST ON

8/24/76

August 26, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	87 °F	Dir.	CALM	Temp.	BINOC DIRECTLY OVERHEAD (0700)			
Min.	60 °F	Vel.	0 m.p.h.	Read.				28.939
Set	66 °F	Char.	VERY LIGHT	Corr.				28.811
R. H.	97 %	24 hr. Mov.	26	Sea L.	30.111	0700	1300	1900
Ppn.	- in.	Prev. Dir.	NW-S	3 hr. Tend.	+87	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	K.H.	Wx	Wx	Wx
						0700	1300	1900
						Obsure		
						DENSE FOG		
						Vis.	Vis.	Vis.
						1 MZ		

MAX = 87.2°

MIN = 60.2°

WET = 66.5°

SET = 67.2°

T_d = 66.2°

R.H. = 97%

PEAK WIND OF 7 KTS AT

2:48 PM (EST)

2:53 PM (EST)

} AUGUST 25, 1926

AUGUST 27, 1976

0700 EST

**Meteorological Observatory
University Park, Pa.**

Temp.		Wind	Barom.	General Obs.		
Max.	89 °F	Dir. SW	Temp. 72	vis lowest to SW-NW ~ 1/8 mile		
Min.	65 °F	Vel. 2 m.p.h.	Read. 28.921			
Set	66 °F	Char. light	Corr. 28.795			
R. H.	96 %	24 hr. Mov. 51	Sea L. 30.103	0700 Clds. X OAKWOOD STANDS	1300 Clds.	1900 Clds.
Ppn. Liq.	.02 in.	Prev. Dir. SSW-SW	3 hr. Tend. +6.66 ✓	Wx FOG	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer P.K.	Vis. 1/4-1/2 mile	Vis.	Vis.

$T_{SET} = 66.4^{\circ}F$

$T_{WD} = 65.7^{\circ}F$

$T_{D.P.} = 65.4^{\circ}F$

$R.H. = 96\%$

PEAK WIND GUST OF 19 KTS. AT 4:21 P.M. EST. ON

8/26/76

DURING A SQUALL LINE PASSAGE.

AUGUST 28, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wfnd		Barom.		General Obs.		
Max.	81 °F	Dir.	SW	Temp.	71	HEAVY DEN		
Min.	64 °F	Vel.	1 m.p.h.	Read.	28.910			
Set	66 °F	Char.	VERY LIGHT	Corr.	28.786			
R. H.	99 %	24 hr. Mov.	45	Sea L.	30.087	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	1 in.	Prev. Dir.	SSW	3 hr. Tend.	+ .7 /	10/10 Stratus 3 Str. Cu.		
						Wx	Wx	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	L.T.	FOG		
						Vis.	Vis.	Vis.
						3/4 mi.		

$T_{SET} = 66.3^\circ$

$T_{WET} = 66^\circ$

$T_D = 65.8^\circ$

R.H. = 99%

PEAK WIND 10KTS AT $\left. \begin{array}{l} 2:11 \\ 2:18 \\ 2:42 \\ 3:27 \\ 4:52 \end{array} \right\}$ P.M. E.S.T.
AUGUST 27, 1976

AUGUST 29, 1976

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. WSW	Temp. 72			
Min.	65 °F	Vel. 2 m.p.h.	Read. 28.839			
Set	69 °F	Char. STEADY	Corr. 28.713			
R. H.	77 %	24 hr. Mov. 83	Sea L. 30.005	0700 Clds. TOTAL % 1/10 Ci 2/10 Hcu 2/10 As 4/10 Cst	1300 Clds.	1900 Clds.
Ppn. Liq.	- in.	Prev. Dir. S-W	3 hr. Tend. +1.9/	Wx SUNNY	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer K.H.	Vis. 12 mi	Vis.	Vis.

MAX = 84.9°

MIN = 65.2°

WET = 63.9°

SET = 68.8°

TD. = 61.3°

R.H. = 77%

PEAK WIND OF 16KTS AT

2:28 PM (EST) AUGUST 28, 1976

AUGUST 30, 1976 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	78 °F	Dir.	W	Temp.	74			
Min.	46 °F	Vel.	5 m.p.h.	Read.	29.058			
Set	49 °F	Char.	UNSTEADY	Corr.	28.926			
R. H.	75 %	24 hr. Mov.	160	Sea L.	30.291	0700	1300	1900
Ppn.	— in.	Prev. Dir.	WNW	3 hr. Tend.	+1.5 /	Clds.	4/10 STCY.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	P.S.	Wx	Wx	Wx
				Vis.	35+ mi	Vis.	Vis.	Vis.

TSET = 48.4

TW = 45.5

TD = 41.7

RH = 75%

PK GUST 27 KTS @ 449 PM EST

Meteorological Observatory
University Park, Pa.

AUGUST 31, 1976

0700 EST

Temp.		Wind		Barom.	General Obs.			
Max.	71 °F	Dir.	SW	Temp.	GROUND FOG IN NE END OF VALLEY			
				68				
Min.	42 °F	Vel.	6 m.p.h.	Read.				29.039
Set	45 °F	Char.	STEADY	Corr.	28.922			
R. H.	87% %	24 hr. Mov.	85	Sea L.	30.273	0700	1300	1900
Ppn.	— in.	Prev. Dir.	W-SW	3 hr. Tend.	+ .81	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	K. H.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						12 MS		

MAX = 70.6°
MIN = 42.0°
WET = 44.0°
SET = 45.5°
T_d = 42.5°
R.H. = 89%

PEAK WIND OF 20 KTS AT
9:02 AM (EST) AUGUST 30, 1976