

JUNE 1, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. SSW	Temp. 72	low clouds obscuring valley RW at 0730 EST dur: 5 min.		
Min.	62 °F	Vel. 6 m.p.h.	Read. 28.677			
Set	63 °F	Char. steady	Corr. 28.552			
R. H.	92 %	24 hr. Mov. 96 *	Sea L. 29.852	0700 Clds. 10/10 Str.	1300 Clds.	1900 Clds.
Ppn. Liq.	.01 in.	Prev. Dir. SSE-SSW	3 hr. Tend. +1.3/	Wx	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer L.T.	Vis. 3 mi.	Vis.	Vis.

$T_{SET} = 63.0$

$T_w = 61.5$

$T_D = 60.7$

R.H. = 92%

\* 24 hr. move. only for 22 hrs.  
power shut off

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~  
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

PK. WIND 16 KTS 12:57 AM 6/1/76

16 KTS 12:09 PM 5/31/76

JUNE 2, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F		Dir. NW	Temp. 69	Stratus Deck visible E.		
Min. 52 °F		Vel. 7 m.p.h.	Read. 28.791			
Set 54 °F		Char. Steady	Corr. 28.673			
R. H. 78 %		24 hr. Mov. 100	Sea L. 30011	0700 Clds. 10/10 Ci	1300 Clds.	1900 Clds.
Ppn. .31 in.	Liq.	Prev. Dir. N	3 hr. Tend. +1.9	Wx	Wx	Wx
Ppn. - in.	Sol.	Snow Depth - in.	Observer P.S.	Vis. 10 mi.	Vis.	Vis.

$$T_{SET} = 54.2$$

$$T_N = 50.5$$

$$T_D = 47.5$$

$$RH = 7806$$

PK GUST 17 KN @ 2256 EST

JUNE 3, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. SSE	Temp. 69°			
Min.	45 °F	Vel. 3 m.p.h.	Read. 29.091			
Set	49 °F	Char. STEADY	Corr. 28.922	0700	1300	1900
R. H.	99 %	24 hr. Mov. 80	Sea L. 30.278	Clds. OBSCURED	Clds.	Clds.
Ppn. Liq.	— in.	Prev. Dir. NE-SSE	3 hr. Tend. +1.8/	Wx DENSE FOG	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer K.H.	Vis. 2/8 mi	Vis.	Vis.

$T_s = 46.8^\circ\text{F}$

$T_w = 46.6^\circ$

$T_o = 46.4^\circ$

$R.H. = 99\%$

JUNE 4, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. VAR SE-NE	Temp. 70	TOP OF HAZE LAYER ~ 600 ft.		
Min.	46 °F	Vel. 0-1 m.p.h.	Read. 29.112			
Set	56 °F	Char. CALM	Corr. 28.990			
R. H.	81 %	24 hr. Mov. 63	Sea L. 30.343	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn.	— in.	Prev. Dir. VAR SE-NE	3 hr. Tend. +1.5 /	Wx HAZE	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer P.S.	Vis. 12 mi.	Vis.	Vis.

$$T_{SEF} = 55.5$$

$$T_W = 51.9$$

$$T_D = 49.9$$

$$RH = 81\%$$

ALL GUST - 14 KTS @ 1116 EST



JUNE 5, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. NE	Temp. 76°			
Min.	50 °F	Vel. 2 m.p.h.	Read. 29.271			
Set	54.5 °F	Char. LIGHT	Corr. 29.134	0700	1300	1900
R. H.	73 %	24 hr. Mov. 69	Sea L. 30.469	Clds. 0/10	Clds.	Clds.
Ppn.	— in.	Prev. Dir. NNE-ESE -NE	3 hr. Tend. +1.5/	Wx FOG & HAZE	Wx	Wx
Ppn.	— in.	Snow Depth	Observer L.T.	Vis. 5 mi	Vis.	Vis.

SET: 54.5°

$T_w = 50^\circ$

$T_D = 46.2^\circ$

R.H = 73%

PEAK WIND 13KTS. 10:14 PM JUNE 4, 1976  
EST.

JUNE 6, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	78 °F	Dir.	SW	Temp.	Fog IN NE END OF VALLEY CB N 11:30 AM EDT TCU IN LINE N to S overhead TRW BEGAN AT 2:24 EDT			
Min.	53 °F	Vel.	3 m.p.h.	Read.				29.049
Set	55 °F	Char.	LIGHT	Corr.				28.917
R. H.	74 %	24 hr. Mov.	6.3	Sea L.	30.240	0700	1300	1900
Clds.					Clds.	6/10 Stratus 6/10 Cumulus		Clds.
Ppn.	— in.	Prev. Dir.	NE-ESE-SW	3 hr. Tend.	-.2 -	Wx	Wx	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	K.H.	Vis.	12 mi	Vis.

$T_{SET} = 53.0^{\circ}F$

$T_w = 51.5^{\circ}F$

$T_o = 48.6^{\circ}F$

$R_H = 79\%$

PEAK WIND 14 KTS at 12:14 p.m.

5 June 1976

JUNE 7, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F		Dir. WSW	Temp. 71			
Min. 53 °F		Vel. 7 m.p.h.	Read. 28.900			
Set 60 °F		Char. STEADY	Corr. 28.776	0700	1300	1900
R. H. 76 %		24 hr. Moy. 153	Sea L. 30.910	Clds. 10 ACU	Clds.	Clds.
Ppn. .10 in.	Liq.	Prev. Dir. S	3 hr. Tend. +1.0/	Wx	Wx	Wx
Ppn. — in.	Sol.	Snow Depth — in.	Observer P.S.	Vis. 12 mi	Vis.	Vis.

$T_{SET} = 59.8$

$T_W = 55.3$

$T_D = 52.1$

$RH = 76\%$

$\#K \text{ gust} = 24 \text{ KTS } @ \text{ 1424 EST}$

JUNE 8, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	86 °F	Dir.	SSW	Temp.	74			
Min.	57 °F	Vel.	1 m.p.h.	Read.	28.8844			
Set	61 °F	Char.	CALM	Corr.	28.712			
R. H.	66 %	24 hr. Mov.	96	Sea L.	30.003	0700	1300	1900
Ppn.	— in.	Prev. Dir.	S-SW	3 hr. Tend.	+2 —	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	L.T.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						6 mi		

$T_{SET} = 61^{\circ}$

$T_W = 54.5^{\circ}$

$T_D = 49.6^{\circ}$

R.H. = 66%

PEAK WINDS 16 KTS. AT  $\left. \begin{array}{l} 3:08 \text{ PM} \\ 2:13 \text{ PM} \\ 12:54 \text{ PM} \end{array} \right\} \text{JUNE 7, 1976}$



JUNE 9, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	89 °F	Dir. SSW	Temp. 80	TB 6:37 P.M. <del>ENE</del> E LICCG <del>SW-NE</del> TC 7:15 PM <del>NO WIND</del> KAEM! TMOVED E		
Min.	60 °F	Vel. 3 m.p.h.	Read. 28.942			
Set	67 °F	Char. light	Corr. 28.695			
R. H.	65 %	24 hr. Mov. 50	Sea L. 29.990	0700 Clds. 5/10 Acc	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. W-SW	3 hr. Tend. +1.206	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer P.K.	Vis. 7 miles	Vis.	Vis.

$T_{set} = 66.8^{\circ}F$

$T_{w.8} = 59.4^{\circ}F$

$T_{DR} = 59.7^{\circ}F$

R.H. = 65%

PEAK WIND OF 9 KTS. AT 1:24 P.M. E.S.T. ON JUNE 8, 76  
1:33

June 10, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	87 °F	Dir.	W	Temp.	77	TB 6:11 P.M. T N-NW mvg E TE 6:46 P.M. T mvo NE NO RAIN AGAIN! TYPICAL! SEE JII!		
Min.	62 °F	Vel.	1 m.p.h.	Read.	28.859			
Set	65.5 °F	Char.	CALM	Corr.	28.721			
R. H.	76 %	24 hr. Mov.	73	Sea L.	30.016	0700	1300	1900
Ppn.	—	Prev. Dir.	SW-W	3 hr. Tend.	+ .8 /	Clds.	Clds.	Clds.
Ppn.	—	Snow Depth	— in.	Observer	L.T.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						3/10 Alto Cu		
						Fog & Haze		
						4 mi		

$T_{set} = 65.5$

$T_w = 61$

$T_D = 57.7$

R.H. = 76%

PK. WIND 16 KTS AT 1:24 PM

JUN 9, 1976

June 11, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F		Dir. SW	Temp. 76			
Min. 63 °F		Vel. 7 m.p.h.	Read. 28.659			
Set 67 °F		Char. Steady	Corr. 28.523	0700	1300	1900
R. H. 71 %		24 hr. Mov. 150	Sea L. 29.805	Clds. 0/10	Clds.	Clds.
Ppn. .01 in.	Liq.	Prev. Dir. S-SW	3 hr. Tend. 00	Wx Sunny + Haze + Fog	Wx	Wx
Ppn. - in.	Sol.	Snow Depth - in.	Observer Chee	Vis. 3 mi	Vis.	Vis.

Max = 87.9

Min = 63.0

Set = 67.4

T<sub>w</sub> = 61.4

T<sub>d</sub> = 57.7

RH = 71.9%

Max Gust of 36 kts

at 1:48 P.M.

on June 10<sup>th</sup> 1976

JUNE 12, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

General Obs.

Temp.		Wind		Barom.		RAPID INCREASE OF CLOUDINESS BY 0720 3/10 Strato Cu. BY 0930 MOSTLY CLEAR		
Max.	82 °F	Dir.	NW	Temp.	78			
Min.	65 °F	Vel.	5 m.p.h.	Read.	28.723			
Set	67 °F	Char.	STEADY	Corr.	28.581			
R. H.	78 %	24 hr. Mov.	169	Sea L.	29.871	0700	1300	1900
Ppn.	— in.	Prev. Dir.	S-SW-NW	3 hr. Tend.	+2.2 /	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	L. T.	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						5 mi		

$T_{SET} = 67$

$T_W = 62.5$

$T_D = 60$

R.H. = 78%

PK WIND 27 KTS. AT 11:02 AM } JUNE 11,  
2:40 PM } 1976



JUNE 13, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
78 °F	SW	67.5 °F				
Min.	Vel.	Read.				
60 °F	3 m.p.h.	28.949				
Set	Char.	Corr.				
61 °F	STEADY	28.833	0700	1300	1900	
R. H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
61 %	104	30.148	3/10 STRATUS			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
- in.	N-NE-SSE	+1.9/	SUNNY			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
- in.	- in.	K.H.	35 mi			

FORM 5510c (10-65) U.S. GOVERNMENT PRINTING OFFICE: 1965 O - 354-000

MAX = 78.3°F

MIN = 59.6°F

Set = 60.9°F

$T_w = 53.3^\circ\text{F}$

$T_b = 47.3^\circ\text{F}$

RH = 61%

PEAK Wind 14 knots at

8:02 A.M. } 12 JUNE 1976

11:45 A.M. }

5:54 A.M. 13 JUNE 1976

JUNE 14, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. South	Temp. 77			
Min.	60 °F	Vel. 6 m.p.h.	Read. 28.971			
Set	62 °F	Char. STEADY	Corr. 28.831			
R. H.	96 %	24 hr. Mov. 109	Sea L. 30.155	0700 Clds. 19 STARS 10	1300 Clds.	1900 Clds.
Ppn. Liq.	.29 in.	Prev. Dir. SE-SSW	3 hr. Tend. +.4mb /	Wx FOG	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer P.K.	Vis. 2 1/2 miles	Vis.	Vis.

$T_{SET} = 61.8^{\circ}F$

$T_{W12} = 60.4^{\circ}F$

$T_{DA} = 60.3^{\circ}F$

D.H. = 96%

PEAK WIND OF 19KTS AT 11:59 P.M. + 12:10 A.M.

↓  
JUNE 13

↓  
JUNE 14, 1976

during TRW + .

JUNE 15, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. SSW	Temp. 81			
Min.	62 °F	Vel. 2 m.p.h.	Read. 28.878			
Set	70.8 °F	Char. LIGHT	Corr. 28.730	0700	1300	1900
R. H.	84 %	24 hr. Mov. 98	Sea L. 30.070	Clds. 5/10 St.	Clds.	Clds.
Ppn.	T in.	Prev. Dir. S-SW	3 hr. Tend. +1 /	Wx FOGGY HAZE	Wx	Wx
Ppn.	- in.	Snow Depth - in.	Observer L.T.	Vis. 3 mi	Vis.	Vis.

$T_{set} = 70.8$

$T_w = 67.5$

$T_D = 65.9$

R.H. = 84%

PK. WIND 14 KTS 5:51 PM JUNE 14, 1976

JUNE 16 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 87 °F		Dir. S	Temp. 80	RIDGES MOSTLY OBLURRED RW ONL RW + BEGAN AT 1940 EDT		
Min. 69 °F		Vel. 5 m.p.h.	Read. 28.722			
Set 72 °F		Char. STEADY	Cor. 20.576			
R. H. 82 %		24 hr. Mov. 146	Sea L. 29.866	0700 Clds. NO AL4	1300 Clds.	1900 Clds.
Ppn. .09 in.	Liq.	Prev. Dir. S-SW	3 hr. Tend. +1.0	Wx HAZE	Wx	Wx
Ppn. -	Sol. in.	Snow Depth - in.	Observer P.S.	Vis. 3mi E 5mi W	Vis.	Vis.

$T_{EST} = 72.2$

$T_v = 68.1$

$T_D = 66.2$

$R_4 = 82$

PK GUST 19 KTS @ 1400  
EST



JUNE 17, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. (82) 82 °F	Dir. WSW	Temp. 79	Light Fog + Haze in valley			
Min. 62 °F	Vel. 3 m.p.h.	Read. 28.791				
Set 64 °F	Char. Light	Corr. 28.647				
R. H. 96 %	24 hr. Mov. 108	Sea L. 29.780	0700 Clds. 7 Alto- 10 stratus	1300 Clds.	1900 Clds.	
Ppn. Liq. .42 in.	Prev. Dir. S-SW	3 hr. Tend. +2.2/	Wx Light Haze	Wx	Wx	
Ppn. Sol. — in.	Snow Depth — in.	Observer K.H.	Vis. 8 mi	Vis.	Vis.	

MAX 83°

MIN 62.3°

TSET = 63.9°

$T_w = 63.0^\circ$

$T_D = 62.5^\circ$

R.H. = 96%

Peak wind 21 kts

12:57 p.m. 16 June 1976

June 18, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. W-NW	Temp. 78°F	Low Scud, Fog, <sup>Ground</sup> Haze Dreary!		
Min.	58 °F	Vel. 2 m.p.h.	Read. 28.963			
Set	62 °F	Char. Light	Corr. 28.821			
R. H.	90 %	24 hr. Mov. 80	Sea L. 30.130	0700 Clds. 10/10 StratoCu	1300 Clds.	1900 Clds.
Ppn.	Liq. - in.	Prev. Dir. W-SW	3 hr. Tend. +1/	Wx Dreary Haze, Fog Low Clouds	Wx	Wx
Ppn.	Sol. - in.	Snow Depth - in.	Observer Chez	Vis. 4mi	Vis.	Vis.

Max = 79.3 ~~at~~ max set at 66°F

Min = 58.2

Set = 62.4

$T_w = 60.5$

$T_d = 59.4$

RH = 96%

JUNE 19, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	87 °F	Dir. S	Temp. 78	TRW+ 8 1811 EDT (ARC Cloud @ 808) TRW++ @ 1818 A+ 1822 .24" TRW- A+ 1840 .60"		
Min.	62 °F	Vel. 6 m.p.h.	Read. 28.830			
Set	71.8 °F	Char. STEADY	Corr. 28.688			
R. H.	87.2%	24 hr. Mov. 103	Sea L. 29.978	0700 Clds. 7/10 Strato Cu	1300 Clds.	1900 Clds.
Ppn. Liq.	- in.	Prev. Dir. SW-S	3 hr. Tend. +.45	Wx Haze	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer L.T.	Vis. 6 mi.	Vis.	Vis.

$T_{SET} = 71.8$

$T_{WET} = 67.3$

$T_D = 65.1$

R.H. = 82%

PK WIND 18 KTS 4:47 AM JUNE 19,  
1976

June 20, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. Calm	Temp. 79.0°F	Some Ground Fog obscuring base of ridges		
Min.	65 °F	Vel. — m.p.h.	Read. 28.579			
Set.	66 °F	Char. Steady	Corr. 28.615			
R. H.	93 %	24 hr. Mov. 164	Sea L. 29.920	0700 Clds. 10/10 Stratus Altostratus	1300 Clds.	1900 Clds.
Ppn.	1.60 in.	Prev. Dir. S	3 hr. Tend. +1.1/	Wx Cloudy Some Ground Fog	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer Chez	Vis. 6 mi	Vis.	Vis.

Max = 84.6

Min = 64.9

Set = 65.8

Tw = 65.1

Td = 64.8

R.H. = 93%

\* max Set at 69.0 (lowest possible)  
even though Set is 66°

max Gust of 56 kts

at 6:19<sup>P.M.</sup> EDT

on

June 19, 1976



JUNE 21, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F		Dir. NE	Temp. 81	BKNVC S.		
Min. 61 °F		Vel. 5 m.p.h.	Read. 28.820			
Set 68 °F		Char. L+V	Corr. 28.671			
R. H. 98 %		24 hr. Mov. 100	Sea L. 29.984	0700 Clds. 10/10 N6st.	1300 Clds.	1900 Clds.
Ppn. Liq. 1.52 in.		Prev. Dir. VAR NE-S	3 hr. Tend. +1.2 /	Wx R - PATCHY GF	Wx	Wx
Ppn. Sol. — in.		Snow Depth — in.	Observer P.S.	Vis. 7 mi	Vis.	Vis.

$T_{SET} = 68.4$

$T_W = 68.0$

$T_D = 67.6$

$RH = 98\%$

PK GUST 20KT @ 1503 EST

JUNE 22, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. CALM	Temp. 80			
Min.	67 °F	Vel. 0 m.p.h.	Read. 28.935			
Set	69.2 °F	Char. STEADY	Corr. 28.788			
R. H.	89 %	24 hr. Mov. 80	Sea L. 30.093	0700 Clds. 6/10 Str. Cu. 8/10 Ci. Cu.	1300 Clds.	1900 Clds.
Ppn.	.15 in.	Prev. Dir. S-SW	3 hr. Tend. +1.4 /	Wx HAZE	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer L.T.	Vis. 6 mi.	Vis.	Vis.

T<sub>SET</sub> = 69.2

T<sub>WET</sub> = 67

T<sub>D</sub> = 65.9

R.H. = 89%

PK WIND 12 KTS AT

8:03 AM } JUN 21, 1976  
1:13 PM }

JUNE 23, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	85 °F	Dir.	NE	Temp.	Thin spots in obs. obs. time			
Min.	67 °F	Vel.	2 m.p.h.	Read.				29.049
Set	69 °F	Char.	light	Corr.				28.962
R. H.	93 %	24 hr. Mov.	50	Sea L.	30.206	0700	1300	1900
						Clds.	Clds.	Clds.
Ppn.	— in.	Prev. Dir.	SSE-E	3 hr. Tend.	+1.0mb	Wx	Wx	Wx
						Fog HAZE		
Ppn.	— in.	Snow Depth	— in.	Observer	P.K.	Vis.	Vis.	Vis.
						3 miles		

$T_{SET} = 69.4^{\circ}F$

$T_{WOB} = 67.4^{\circ}F$

$T_{D.P.} = 67.3^{\circ}F$

R.H. = 93%

PK. WIND OF 12 KTS AT 5:42 AND 5:07 AM EST.  
ON JUNE 23, 1976

JUNE 24, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	86 °F	Dir.	CALM	Temp.	81	Patchy Fog in valley		
Min.	65 °F	Vel.	0 m.p.h.	Read.	28.911			
Set	67 °F	Char.	LIGHT	Corr.	28.760			
R. H.	90 %	24 hr. Mov.	* 34	Sea L.	30.043	0700	1300	1900
Ppn.	— in.	Prev. Dir.	S-SW-W	3 hr. Tend.	-1 -	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	K.H.	Wx	Wx	Wx
						Clds.	Clds.	Clds.
						7/10		
						Wx	Wx	Wx
						CLEAR		
						Vis.	Vis.	Vis.
						8 mi		

MAX = 86.3°

\* Avg. for 19½ hrs. only

MIN = 65.4°

T<sub>SET</sub> = 67.2°

Peak Wind

12 knots at 5:36 P.M.

T<sub>WET</sub> = 65.2°

JUNE 23, 1976

T<sub>D</sub> = 64.2°

R.H. 90%



June 25, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F		Dir. W-JW	Temp. 80 °F	0800 EDT Some Haze - Swendof Valley		
Min. 67 °F		Vel. 7 m.p.h.	Read. 28.700			
Set 72 °F		Char. Steady	Corr. 28.554			
R. H. 76 %		24 hr. Mov. 182	Sea L. 29.846	0700 Clds. 8/10 Cu StratoCu	1300 Clds.	1900 Clds.
Ppn. Liq. .04 in.		Prev. Dir. S	3 hr. Tend. T.91	Wx Fair	Wx	Wx
Ppn. Sol. - in.		Snow Depth - in.	Observer Chez	Vis. 8 mi	Vis.	Vis.

Max = 81.7

Min = 68.0

Set = 72.3

Tw = 67.0

Td = 64.4

R.H. = 76.90

Set of 67 Day Before

\*\* Max Therm  
Set at

74.0

Max Gust  
of

although

Set was

72.3

40 kts

At 4:02 A.M.

on June 25, 1976

JUNE 26, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	W	Temp.	82			
Min.	65 °F	Vel.	5 m.p.h.	Read.	28.879			
Set	67 °F	Char.	STEADY	Corr.	28.727			
R. H.	67 %	24 hr. Mov.	125	Sea L.	30.021			
Ppn.	-	Prev. Dir.	S-W	3 hr. Tend.	21.9 /	0700	1300	1900
Liq.	- in.	Snow Depth	- in.	Observer	K.H.	Clds. cirrostratus 2/10	Clds.	Clds.
Sol.	- in.					Wx	Wx	Wx
						CLEAR		
						Vis. 15 mi.	Vis.	Vis.

MAX = 84.4°

PEAK WIND OF 23 knots

MIN = 64.6°

at 1:15 P.M. JUNE 25, 1976

T<sub>SET</sub> = 67.1°

T<sub>WET</sub> = 68.2°

T<sub>o</sub> = 56

R.H. = 67%

JUNE 27, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	85 °F	Dir.	S	Temp.	Light haze in NE end of valley (0800)			
Min.	62 °F	Vel.	3 m.p.h.	82				
Set	68 °F	Char.	STEADY	28.999				
R. H.	68 %	24 hr. Mov.	63	Corr.	28.797	0700	1300	1900
Ppn.	-	Prev. Dir.	WSW-W-S	Sea L.	30.093	Clds.		
Sol.	-	Snow Depth	4.9 /	3 hr. Tend.		%		
in.	-	in.		Observer	K.H.	Wx	CLEAR	
				Vis.	8 mi	Wx		
				Vis.		Wx		

MAX = 85.3°

Min = 62.0°

SET = 68.0°

WET = 61.1°

T<sub>D</sub> = 57

R.H. 68%

MAX Gust

OF

14 knots at 11:35 A.M.

JUNE 26, 1976

JUNE 28, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 88 °F		Dir. SSW	Temp. 79	FEW CI		
Min. 64 °F		Vel. 3 m.p.h.	Read. 28.918			
Set 70 °F		Char. LGT	Corr. -0.774			
R. H. 80 %		24 hr. Mov. 120	Sea L. 30081	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn. —	Liq. in.	Prev. Dir. WSW	3 hr. Tend. -0.2 ^	Wx HAZE	Wx	Wx
Ppn. —	Sol. in.	Snow Depth — in.	Observer R.S.	Vis. 8 mi.	Vis.	Vis.

$$T_{ST} = 70.4$$

$$T_W = 66.0$$

$$T_D = 63.8$$

$$RH = 80\%$$

PK GUST 19 KTS @ 1551 EST



JUNE 29, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	88 °F	Dir. S	Temp. 82	CLEAR IN WESTERN QUADRANT AT 0700 EST THUNDERSTORM BEGAN 1920 EST ENDED 1340 HEAVY RAIN POSSIBLE HAIL .08"		
Min.	62 °F	Vel. 2 m.p.h.	Read. 28.749			
Set	64.2 °F	Char. LIGHT	Corr. 28.597			
R. H.	93 %	24 hr. Mov. 98	Sea L. 29.887	0700 Clds. 5/10 Ci	1300 Clds.	1900 Clds.
Ppn.	Liq. .11 in.	Prev. Dir. S-SW	3 hr. Tend. +.4 ✓	Wx FOG & HAZE	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer L.T.	Vis. 3 mi	Vis.	Vis.

$T_{SET} = 64.2$

$T_{WET} = 63$

$T_D = 62.3$

R.H. = 93%

PK WIND ~~4~~ 16 KTS AT 9:51 PM  
JUN 28, 1976

JUNE 30, 1976

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		0700 EST		General Obs.		
Max.		Dir.		Barom.	Temp.			
83 °F		ENE			79	TRW-B 0502 EDT E 0600 EDT TRW-B 0638 EDT OCCASL TRW+ TRW-B 0710 EDT 0640-0702		
Min.		Vel.		Read.				
62 °F		5 m.p.h.		28.618				
Set		Char.		Corr.				
64 °F		STEADY		28.974				
R. H.		24 hr. Mov.		Sea L.	0700	1300	1900	
97 %		91		29.770	Clds. 9/10 ALCL	Clds.	Clds.	
Ppn. Liq.		Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
.24 in.		SSE		-1.8mb ^	FOG			
Ppn. Sol.		Snow Depth		Observer	Vis.	Vis.	Vis.	
— in.		— in.		P.K.	3 1/2 miles			

$T_{SET} = 64.3^{\circ}F$

$T_{W.D.} = 62.9^{\circ}F$

$T_{D.P.} = 63.5^{\circ}F$

$R.H. = 97\%$

PEAK WIND GUST OF 17 KTS. AT 3:27 P.M. EST ON

JUNE 29, 1976

FREQUENT GUSTS TO 15 KTS. FROM

12:00 NOON TO ~ 5:00 A.M. EST