

SEPTEMBER 1, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	CALM	Temp.	67	BINOC DIRECTLY OVERHEAD		
Min.	45 °F	Vel.	0 m.p.h.	Read.	28.880			
Set	55 °F	Char.	STEADY	Corr.	28.767			
R. H.	82 %	24 hr. Mov.	64	Sea L.	30.093	0700	1300	1900
Ppn.	— in.	Prev. Dir.	S	3 hr. Tend.	1.2 ✓	Clds. % Sc % STRATUS	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	K.H.	Wx	Wx	Wx
						CLOUDY		
						Vis.	Vis.	Vis.
						25MI		

MAX = 74.8°

MIN = 44.3°

WET = 51.9°

SET = 55.0°

T<sub>0</sub> = 49.5°

R.H. = 82%

PEAK WIND OF 14 KTS AT 2:37 P.M. (EST)

AUGUST 31, 1976

SEPTEMBER 2, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	NNW	Temp.	68	Clearing began 5 PM EDT		
Min.	54 °F	Vel.	7 m.p.h.	Read.	28.879			
Set	59 °F	Char.	STEADY	Corr.	28.762			
R. H.	85 %	24 hr. Mov.	62	Sea L.	30.076	0700	1300	1900
Ppn.	- in.	Prev. Dir.	S-N	3 hr. Tend.	+1.4/	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	K.H.	% STRATUS	Wx	Wx
						Wx	Wx	Wx
						Vis.	Vis.	Vis.
						15M3		

MAX = 78.1°

MIN = 54.2°

WET = 56.5°

SET = 59.2°

T<sub>0</sub> = 54.7°

R.H. = 85%

PEAKWIND OF 16 KTS AT

1.12 PM (EST) SEPTEMBER 1, 1976

SEPTEMBER 3, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	61 °F	Dir.	64	FOL STANDING TO LIFT AT 9:15AM EDT		
Min.	45 °F	Vel.	29.060			
Set	47 °F	Char.	28.954			
R. H.	98 %	24 hr. Mov.	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	Observer	Wx	Wx	Wx
				Vis.	Vis.	Vis.

$T_{SET} = 472^{\circ}F$

$T_{WB} = 470^{\circ}F$

$T_{DP} = 468^{\circ}F$

$R.H. = 98\%$

PEAK WIND OF 15 KTS. @ 2:41 P.M. E.S.T. ON 9/2/76

SEPTEMBER 4, 1976 0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	74 °F	Dir.	SSW	Temp.	67			
Min.	47 °F	Vel.	2 m.p.h.	Read.	28.832			
Set	56 °F	Char.	LIGHT	Corr.	28.719			
R. H.	92 %	24 hr. Mov.	92	Sea L.	30.043	0700	1300	1900
Ppn.	— in.	Prev. Dir.	S	3 hr. Tend.	+ .47	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	L.T.	Wx	Wx	Wx
						Vis.	Vis.	Vis.

Clds. 8/10 Strato Cu.  
 Wx FOG  
 Vis. 2 1/2 mi.

$T_{SET} = 56.3$

$T_{WET} = 55$

$T_D = 54.1$

R.H. = 92%

PK. WIND 14 KTS

2:24 AM E.S.T. } SEPT 4,  
2:39 AM E.S.T. } 1976



SEPTEMBER 5, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. WNW	Temp. 71			
Min.	55 °F	Vel. 3 m.p.h.	Read. 28.719			
Set	69 °F	Char. STEADY	Corr. 28.696			
R. H.	89 %	24 hr. Mov. 124	Sea L. 30.000	0700 Clds. Cu 4/10	1300 Clds.	1900 Clds.
Ppn. Liq.	T in.	Prev. Dir. SSW-SW	3 hr. Tend. +1.8mb/	Wx SMOKE, HAZE	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer P.K.	Vis. 3 miles	Vis.	Vis.

$T_{SET} = 64.1^{\circ}F$

$T_{W.B.} = 61.1^{\circ}F$

$T_{D.P.} = 59.3^{\circ}F$

$R.H. = 89\%$

PEAK WIND OF 17KTS AT 12:32 PM EST ON 9/4/76

Sept. 6, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	70 °F	Dir.	NW	Temp.	FEW CI			
Min.	44 °F	Vel.	1 m.p.h.	Read.				28.930
Set	48 °F	Char	NEAR CALM	Corr.				28.798
R. H.	85 %	24 hr. Mov.	103	Sea L.	30.050	0700	1300	1900
Ppn.	— in.	Prev. Dir.	W	3 hr. Tend.	+1.6 /	Clds.	0/10	Clds.
Ppn.	— Sol. in.	Snow Depth	— in.	Observer	P.S.	Wx	PARMY GF	Wx
						Vis.	20 mi.	Vis.

$T = 47.6$

$T_w = 45.5$

$T_D = 43.5$

$RH = 85\%$

PK GUST 23 KTS @ NOON EST

SEPT 7, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	71 °F	Dir.	S-SW	Temp.	Few Clouds		
Min.	44 °F	Vel.	1 m.p.h.	Read.			
Set	47 °F	Char.	Near Calm	Corr.			
R. H.	85 %	24 hr. Mov.	115	Sea L.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	W-SW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
				GK	Ground Fog		
					Vis. 12 miles	Vis.	Vis.
					20 miles		

Wet bulb 46

Dry bulb 48

Sept 8 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	SSW	Temp.	76			
Min.	48 °F	Vel.	7 m.p.h.	Read.	28.971			
Set	59 °F	Char.	Steady	Corr.	28.841			
R. H.	69 %	24 hr. Mdv.	130	Sea L.	30.171			
Ppn.	-	Liq.	-	3 hr. Tend.	1.047	0700	1300	1900
	-	Prev. Dir.	SSW	Wx	ground fog	☉		
Ppn.	-	Sol.	-	Observer	GK	Clds.	Clds.	Clds.
	-	Snow Depth	-	Vis.	E13 W15			
	-		-			Wx	Wx	Wx
	-		-			Vis.	Vis.	Vis.

Dry bulb 59

Wet bulb 53



Sept 9 1976 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	SW	Temp.	75			
Min.	57 °F	Vel.	2 m.p.h.	Read.	28.951			
Set	59 °F	Chap.	Steady	Corr.	28.817			
R. H.	70 %	24 hr. Mov.	140	Sea L.	30.107	0700	1300	1900
Ppn.	—	Prev. Dir.	SW	3 hr. Tend.	Steady	Clds.	Clds.	Clds.
Ppn.	—	Sol.	—	Snow Depth	—	Wx	Wx	Wx
		in.	in.	Observer	GK	Wx	Wx	Wx
				Observer	GK	Vis.	Vis.	Vis.
						10		

Dry bulb 60  
Wet bulb 57

10 Sept 76

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	88° °F	Dir.	SW	Temp.	71°	Peak Gust 21 <del>mph</del> <sup>mph</sup> @ 2:25 A.M. Local time		
Min.	58.55 °F	Vel.	5 m.p.h.	Read.	28.659			
Set.	58 °F	Char.	gusty	Corr.	28.523 <del>28.523</del>			
R. H.	96 %	24 hr. Mov.	164	Sea L.	<del>29.793</del> 29.793	0700	1300	1900
Ppn.	Liq. 0.45 in.	Prev. Dir.	SNOW SW	3 hr. Tend.	/ +	Clds.	Clds.	Clds.
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	JB	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						12		

G 21 M/S  
1:25 AM

$$\begin{array}{r} 5 \\ \hline + 28.65 \\ 1.185 \\ \hline - .125 \\ 1.31 \end{array}$$

~~1.25~~

$$\begin{array}{r} 5 \\ \hline + 1.31 \\ - .125 \end{array}$$

$$\begin{array}{l} \frac{1}{T} = 5.7 \\ \frac{1}{T} = \end{array}$$

SEPTEMBER 11, 1976 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. SW	Temp. 67			
Min.	43 °F	Vel. 9 m.p.h.	Read. 28.715			
Set	48 °F	Char. STEADY	Corr. 28.602			
R. H.	82 %	24 hr. Mov. 195	Sea L. 29.947	0700 Clds. 5/10 RH Co	1300 Clds.	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. WSW-SW	3 hr. Tend. + .6 ✓	Wx	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer L.T.	Vis. 15	Vis.	Vis.

$T_{SET} = 47.6$

$T_{WET} = 45$

$T_D = 42.4$

R.H. = 82%

PK. WIND 35 KTS 2:48 } P.M. G.S.T.  
2:49 } SEPT 19, 1976

Sept 12, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. SW	Temp. 70			
Min.	46 °F	Vel. 2 m.p.h.	Read. 28.941			
Set	54 °F	Char. steady	Corr. 28.819			
R. H.	75 %	24 hr. Mov. 190	Sea L. 30.119	0700 Clds. to ci	1300 Clds.	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. —	3 hr. Tend. 4	Wx ground fog	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer GK	Vis. 15	Vis.	Vis.

Dry bulb - 54  
Wet bulb - 51  
Wet bulb depression - 3



SEPT. 13, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F		Dir. S	Temp. 74	† BROKEN REORDER FEW CI		
Min. 51 °F		Vel. 0 m.p.h.	Read. 29.171			
Set 54 °F		Char. CALM	Corr. 29.038			
R. H. 94 %		24 hr. Mov. 89	Sea L. 30.382	0700 Clds. CLEAR	1300 Clds.	1900 Clds.
Ppn. — in.	Liq.	Prev. Dir. *	3 hr. Tend. +2.0/	Wx GF	Wx	Wx
Ppn. — in.	Sol.	Snow Depth — in.	Observer P.S.	Vis. 4E 8W	Vis.	Vis.

$T_{set} = 53.7$

$T_w = 52.7$

$T_0 = 52.0$

$RH = 94\%$

Sept 14 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. E	Temp. 74	Clear patches directly overhead		
Min.	52 °F	Vel. 2 m.p.h.	Read. 29.152			
Set	55 °F	Char. Steady	Corr. 29.020			
R. H.	92 %	24 hr. Mov. 60	Sea L. 30.320	0700 Clds. Obscured	1300 Clds.	1900 Clds.
Ppn.	— in.	Prev. Dir. S-SE	3 hr. Tend. .21	Wx Fog	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer GK	Vis. 1/2	Vis.	Vis.

Dry bulb 56  
Wet bulb 55

Sept 15 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	N-NE	Temp.	72			
Min.	55 °F	Vel.	6 m.p.h.	Read.	28.961			
Set	62 °F	Char.	Steady	Corr.	28.838			
R. H.	90 %	24 hr. Mov.	75	Sea L.	30.14	0700	1300	1900
Ppn.	— in.	Prev. Dir.	E-NE	3 hr. Tend.	Steady	Clds. SC 10/10 ST	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	GK	Wx Ground Fog	Wx	Wx
						Vis. 6mi	Vis.	Vis.

Wet Bulb 60  
Dry Bulb 62

Sept 16 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	N-NE	Temp.	74	Rain Heavy at times		
Min.	55 °F	Vel.	5 m.p.h.	Read.	28.92			
Set	56 °F	Char.	Steady	Corr.	28.789			
R. H.	100 %	24 hr. Mov.	120	Sea L.	30.079	0700	1300	1900
Ppn.	.9 in.	Prev. Dir.	NNE	3 hr. Tend.	.1 \	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth		Observer	GK	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						1 mi		

Dry 56  
Wet 65



Sept 17, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	65 °F	Dir.	NE	Temp.	76			
Min.	56 °F	Vel.	2 m.p.h.	Read.	28.83			
Set	64 °F	Char.	STEADY	Corr.	29.69			
R. H.	100 %	24 hr. Mov.	110	Sea L.	29.98	0700	1300	1900
Ppn.	.27 in.	Prev. Dir.	NNE	3 hr. Tend.	-0.5	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JB	Wx	Wx	Wx
						LT RAIN+ FOG		
						Vis.	Vis.	Vis.
						2		

Barometer  $T=76$   $O.D=64$

28.83

- .137

---

28.693

+ 1.29

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~~30.00~~

29.98

SEPTEMBER 18, 1976 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. SW	Temp. 72			
Min.	58 °F	Vel. 7 m.p.h.	Read. 28.724			
Set	60 °F	Char. STEADY	Corr. 28.598			
R. H.	95 %	24 hr. Mov. 110	Sea L. 29.903	0700 Clds. 10/10 Str.	1300 Clds.	1900 Clds.
Ppn. Liq.	.54 in.	Prev. Dir. NE-SW	3 hr. Tend. +.6 J	Wx R-	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer L.T.	Vis. 3 mi	Vis.	Vis.

$T_{SET} = 60.1$

$T_{WET} = 59.2$

$T_D = 58.6$

R.H. = 95%

PEAK WIND 27 KTS. 12:37 PM E.S.T.  
3:38 PM E.S.T.  
17 SEPT. 1976

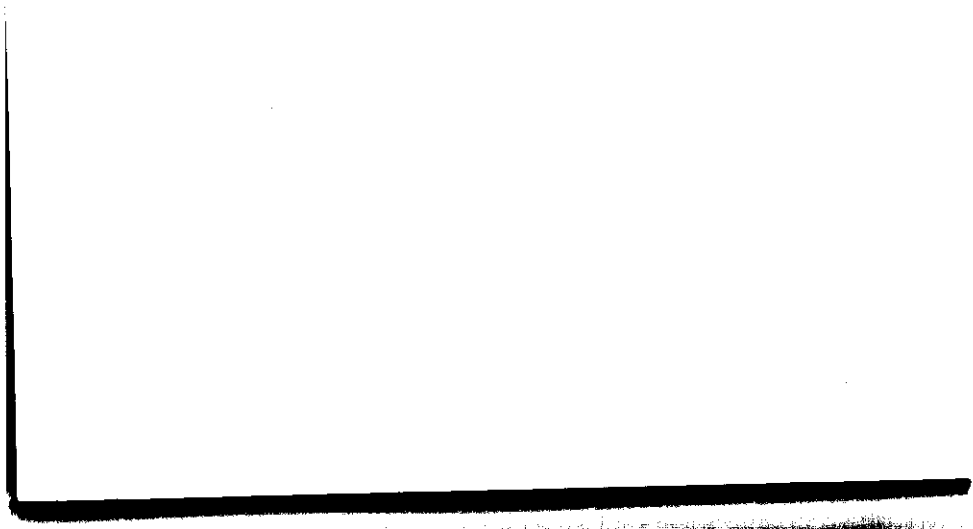
Sept 19 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	70 °F	Dir.	SW-S	Temp.	75		
Min.	55 °F	Vel.	2 m.p.h.	Read.	28.781		
Set	63 °F	Char.	Steady	Corr.	28.648		
R. H.	70 %	24 hr. Mov	150	Sea L.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
					Vis.	Vis.	Vis.
					15		

FORM NO. 1 (REV. 1-64)



SEPT. 20, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.			
Max.	78 °F	Dir.	SW	Temp.	73			
Min.	53 °F	Vel.	3 m.p.h.	Read.	28.600			
Set	55 °F	Char.	LIGHT	Corr.	28.473			
R. H.	93 %	24 hr. Mov.	88	Sea L.	29.789	0700	1300	1900
Ppn.	— in.	Prev. Dir.	W	3 hr. Tend.	-0.9	Clds.	7/10 Ci	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	P.S.	Wx	FOG	Wx
				Vis.	4 mi E. 6 mi W.	Vis.		Vis.

TSET = 55.2

TW = 54.0

TD = 53.2

RH = 93%

W GUST 16 KTS @ 1219 EST



Sept 21 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. W	Temp. 74			
Mfn.	53 °F	Vel. 2 m.p.h.	Read. 28.442			
Set	54 °F	Char. Steady	Corr. 28.312	0700	1300	1900
R. H.	84 %	24 hr. Mov. 150	Sea L. 29.622	Clds. Ac 5/10 Cn	Clds.	Clds.
Ppn. Liq.	.25 in.	Prev. Dir. W-SW	3 hr. Tend. .1	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer GK	Vis. 10	Vis.	Vis.

Wet Bulb 53  
Dry Bulb 55  
Dew point 50.5  
RH 84%

Peak gust 15 Kts 1 PM

Sept 22 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. S-SW	Temp. 72	Peak gust 25 kt - 945 PM		
Min.	42 °F	Vel. 5 m.p.h.	Read. 28.621			
Set	45 °F	Char. Steady	Corr. 28.496			
R. H.	85 %	24 hr. Mov. 185	Sea L. 29.786	0700 Clds. 9/10 Ac	1300 Clds.	1900 Clds.
Ppn.	0.02 in.	Prev. Dir. W-SW	3 hr. Tend. .31	Wx	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer GK	Vis. 35	Vis.	Vis.

Dry Bulb 45

Wet Bulb 43

Dew point 41

RH 85%

Peak Gust 25 KT 945 PM

Sept 23 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. SW	Temp. 70	Peak gust 28 kt 10:13 AM		
Min.	39 °F	Vel. 5 m.p.h.	Read. 28.831			
Set	44 °F	Char. Steady	Corr. 28.711			
R. H.	78 %	24 hr. Mov. 180	Sea L. 30.091	0700 Clds. Ci 3/10 Alcu	1300 Clds.	1900 Clds.
Ppn.	—	Prev. Dir. S-SW	3 hr. Tend. Steady	Wx Clear	Wx	Wx
Ppn.	—	Snow Depth — in.	Observer GK	Vis. 35	Vis.	Vis.

Dry 44.5

Wet 41.5

Dew point 39

RH 78

Max gust 28 KT 1013 AM

SEPT 24, 1972

0700 EST

Meteorological Observatory  
University Park, Pa.

\*  
ENSTR  
F. 48

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. NE	Temp. 70	GOST 44 12:15		
Min.	44 °F	Vel. 4 m.p.h.	Read. <del>28.92</del> 28.92			
Set	48 °F	Char. steady	Corr. 28.80			
R. H.	61 %	24 hr. Mov. EST 214 Instrument	Sea L. 30.17	0700 Clds. 4 A.C	1300 Clds.	1900 Clds.
Ppn.	0 in.	Prev. Dir. S/NE	3 hr. Tend +3/0	Wx Fair	Wx	Wx
Ppn.	0 in.	Snow Depth — in.	Observer JB	Vis. 20+9	Vis.	Vis.

~~29.92~~  
~~1.12~~  
~~28.80~~

29.92  
1.12  
28.80  
+ 1.37  
30.17

Tp 38

Peak Gusts  
22 m/s 12:15



SEPTEMBER 25, 1976 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. NNE	Temp. 65			
Min.	36 °F	Vel. 1 m.p.h.	Read. 28.915			
Set	36 °F	Char. VERY LIGHT	Corr. 28.807			
R. H.	99 %	24 hr. Mov. 36	Sea L. 30.171	0700 Clds. OBSCURED	1300 Clds.	1900 Clds.
Ppn.	— in.	Prev. Dir. NE-E	3 hr. Tend. + .8/	Wx DENSE FOG	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer L.T.	Vis. 1/16 mi.	Vis.	Vis.

$T_{SET} = 36.1$

$T_{WET} = 36$

$T_D = 35.9$

R.H. = 99%

PEAK WIND 10KTS 10:25 AM E.S.T. } SEPTEMBER  
10:37 AM E.S.T. } 24, 1976

Sept 26 1976

Meteorological Observatory  
University Park, Pa.

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. W-NW	Temp. 72	Dense fog		
Min.	36 °F	Vel. 2 m.p.h.	Read. 28.529			
Set	50 °F	Char. Steady	Corr. 28.406			
R. H.	100 %	24 hr. Mov. 45	Sea L. 29.736	0700 Clds. obscured	1300 Clds.	1900 Clds.
Ppn.	115 in.	Prev. Dir. NE-NW	3 hr. Tend. 1.5 L	Wx RW-	Wx	Wx
Ppn.	- in.	Snow Depth - in.	Observer GK	Vis. 4 mi	Vis.	Vis.

Day bulb 51.5

Night bulb 51



As a result of the above, the following information is provided for the purpose of the above mentioned project.

Sept. 27, 1976

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	63 °F	Dir.	SW	Temp.	70		
Min.	50 °F	Vel.	2 m.p.h.	Read.	28.582		
Set	62 °F	Char.	LIGHT	Corr.	28.462		
R. H.	99 %	24 hr. Mov.	89	Sea L.	0700	1300	1900
Ppn.	.87 in.	Prev. Dir.	S	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	19/10 St.		
					Wx	Wx	Wx
					Fog		
					Vis.	Vis.	Vis.
					4 mi.		

FORM NO. 1 (REV. 1-65) U.S. GOVERNMENT PRINTING OFFICE: 1965 O - 354-001

$T_{SET} = 61.8$

$T_w = 61.6$

$T_D = 61.5$

$RH = 99.06$

PK GUST 29 KTS @ 1735 EST

9/28/76

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. W-NW	Temp. 72	ground fog		
Min.	49 °F	Vel. 2 m.p.h.	Read. 28.789			
Set	50 °F	Char. Steady	Corr. 28.665			
R. H.	86 %	24 hr. Mov. 91	Sea L. 29.925	0700 Clds. stem to Allen	1300 Clds.	1900 Clds.
Ppn.	.32 in.	Prev. Dir. S → N	3 hr. Tend. 3 /	Wx. Cloudy	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer GK	Vis. 10	Vis.	Vis.

Dry bulb 50  
Wet Bulb 48  
Dew Point 46.3



9/29/76

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	62 °F	Dir.	SW	Temp.	ground fog		
Min.	41 °F	Vel.	2 m.p.h.	Read.	Clear directly over Dicke		
Set	44 °F	Char.	Steady	Corr.	28.665		
R. H.	92 %	24 hr. Mov.	140	Sea L.	0700	1300	1900
Ppn.	—	Prev. Dir.	WSW	3 hr. Tend.	Clds.	Clds.	Clds.
Ppn.	—	Snow Depth	—	Observer	Obscured		
	in.		in.		Wx	Wx	Wx
	in.		in.		Partly Cloudy		
					Vis.	Vis.	Vis.
					3 mi		

Tset 44

To 44.5

Tw 43.5

Dew point 42.5

RH 92

Max Gust 17 1136 AM

9-30-76

Meteorological Observatory  
University Park, Pa.

0700 EST

Temp.		Wind	Barom.	General Obs		
Max.	66 °F	Dir. SE	Temp. 72	light rain between 6-730 AM		
Min.	44 °F	Vel. 2 m.p.h.	Read. 28.642			
Set	47 °F	Char. Steady	Corr. 28.517			
R. H.	98 %	24 hr. Mov. 135	Sea L. 29.887	0700 Clds. 10/10 st	1300 Clds.	1900 Clds.
Ppn.	Liq. .05 in.	Prev. Dir. S-SW	3 hr. Tend. 15	Wx Ground fog	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer GK	Vis. 3 mi	Vis.	Vis.

Ts 47

Td 46.8

Tw 46

Dew point 46.5

RH 98

Peak gust 19 Kts 1142 AM