APR 0 1 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 37 °F	Dir. —	Temp. 62	Rest of SKY - Clear * Lightning CG (WEST) Thunder 10:45 EST 1100 EST MAMMA NW RB 1101 RW 1107 SW-- IP- 1122 RW- RE 1125 RB 1130 RE 1135 EST
Min. 33 °F	Vel. 0 m.p.h.	Read. 28.620	
Set 34 °F	Char. CALM	Corr. 28.511	

	0700	1300	1900
R. H. 97 %	Clds. 7/10 AC	Clds.	Clds.
Ppn. Liq. T in.	Wx —	Wx	Wx
Ppn. Sol. T in.	Vis. 10 mi	Vis.	Vis.

Sea L. 29.915

Prev. Dir. W

3 hr. Tend. -.4

Snow Depth 1.8 in.

Observer HJH

$T = 34.2$

$T_N = 31.7$

$T_D = 27.8$

RH : 77

RB1217 TRW - 1223

TRW - ENDED 1243

TRW - 1253

MAY WINDS 1710 EST of 36 KNOTS

or 41 mph.

APR 0 2 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 46 °F	Dir. SW	Temp. 64	F. FOG - Limiting Visibility RW- 1025 EST
Min. 34 °F	Vel. 4 m.p.h.	Read. 28.420	
Set 40 °F	Char. STEADY	Corr. 28.320	
R. H. 92 %	24 hr. Mov. 85	Sea L. 29.695	
Ppn. Liq. .19 in.	Prev. Dir. S	3 hr. Tend. -1.2	
Ppn. Sol. — in.	Snow Depth 1.2 in.	Observer HJH	

0700	1300	1900
Clds. 10/10 ST	Clds.	Clds.
Wx Drizzle	Wx	Wx
Vis. 5	Vis.	Vis.

T = 40.3
T_W = 38.8
T_D = 38.0
RH = 92%

MAX WINDS = 25 mph at 1225 EST APRIL 1.

APR 0 3 1974 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. N	Temp. 67			
Min. 37 °F	Vel. 2 m.p.h.	Read. 28.760			
Set 40 °F	Char. LIGHT	Corr. 28.647			
R. H. 67 %	24 hr. Mov. 151	Sea L. 30.005	0700 Clds. 5/10 Cc	1300 Clds.	1900 Clds.
Ppn. .12 Liq. in.	Prev. Dir. S	3 hr. Tend. +2.3	Wx —	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer HJH	Vis. 15	Vis.	Vis.

$T = 39.7$

$T_W = 35.7$

T_D 29.8

$RH = 67\%$

MAX GUST at 1611 EST of 41 mph.

APR 04 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. S	Temp. 71			
Min. 39 °F	Vel. 12 m.p.h.	Read. 28.430			
Set 62 °F	Char. Gusty	Corr. 28.308	0700	1300	1900
R. H. 82 %	24 hr. Mov. 154	Sea L. 29.650	Clds. 1/10	Clds.	Clds.
Ppn. Liq. .22 in.	Prev. Dir. S	3 hr. Tend. -.8	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer HJH	Vis. 35	Vis.	Vis.

$T = 62.1$

$T_w = 58.8$

$T_D = 56.7$

RH = 82%

MAX GUST = 29 mph at 0528 EST APRIL 4.

APR 05 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 70 °F	Dir. W	Temp. 69			
Min. 48 °F	Vel. 8 m.p.h.	Read. 28.430			
Set 48 °F	Char. GUSTY	Corr. 28.321			
			0700	1300	1900
R. H. 70 %	24 hr. Mov. 172	Sea L. 29.720	Clds. 1/10 Sc	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. S	3 hr. Tend. +3.0	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer HJH	Vis. 30	Vis.	Vis.

T = 48.0

T_w = 43.6

T_D = 38.9

RH = 70%

MAX WINDS → 30 mph at 1612 EST, APRIL 4.

APR 0 6 1974 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. WEST	Temp. 64°F	SW--B 0810 EST OCCNL SW- RDGS. OBSCD. WEST + SOUTH
Min. 32 °F	Vel. 9 GUST 16 m.p.h.	Read. 28.898	
Set 32 °F	Char. STEADY	Corr. 28.792	

0700	1300	1900
Clds. 1/10 Scu	Clds.	Clds.
Wx SW-	Wx	Wx
Vis. 5miles	Vis.	Vis.

R. H. 79 %	24 hr. Mov. 195	Sea L. 29.88	
Ppn. Liq. T in.	Prev. Dir. NW	3 hr. Tend. -.5mb.	
Ppn. Sol. 0 in.	Snow Depth 0.0 in.	Observer P.K.	

$T_{SET} = 32.4°$

$T_{W.B.} = 27.2°$

$T_{D.P.} = 23.7°$

R.H. = 79%

PK. WIND OF 28 KTS. AT 1:13 P.M. ON 4/5/79

APR 07 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 72 °F	Dir. SSW	Temp. 70°F			
Min. 29 °F	Vel. 6 m.p.h.	Read. 28.829			
Set 39 °F	Char. light	Corr. 28.707	0700	1300	1900
R. H. 62 %	24 hr. Mov. 161	Sea L. 30.103	Clds. ci 7/10 Scu	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +1mb.	Wx —	Wx	Wx
Ppn. Sol. T in.	Snow Depth 0 in.	Observer P.K.	Vis. 35miles	Vis.	Vis.

$T_{SET.} = 34.2°F$

$T_{W.B.} = 27.3°F$

$T_{D.P.} = 22.6°F$

R.H. = 62%

PK. WIND of 27KTS. AT 1:27P.M. ON 4/6/24

APR 0 8 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. N	Temp. 67			
Min. 34 °F	Vel. 12 m.p.h.	Read. 28.670			
Set 41 °F	Char. Steady	Corr. 28.557	0700	1300	1900
R. H. 82 %	24 hr. Mov. 175	Sea L. 29.910	Clds. 1/10 ST	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. S	3 hr. Tend. +1.1	Wx —	Wx	Wx
Ppn. Sol. T in.	Snow Depth — in.	Observer HJH	Vis. 12	Vis.	Vis.

T = 41.2

T_W = 38.9

T_D = 36.2

RH = ~~30~~82%

MAX WINDS → 38 mph at 1509 EST

APR 0 9 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. N	Temp. 62			
Min. 30 °F	Vel. 10 m.p.h.	Read. 28.990			
Set 31 °F	Char. STEADY	Corr. 28.391	0700	1300	1900
R. H. 96 %	24 hr. Mov. 187	Sea L. 29.761	Clds. 10/10 Nb	Clds.	Clds.
Ppn. Liq. .52 in.	Prev. Dir. N	3 hr. Tend. 0	Wx SNOW	Wx	Wx
Ppn. Sol. ~~.52~~ 2.0 in.	Snow Depth .6 in.	Observer HJH	Vis. 1½ m	Vis.	Vis.

T_d = 31.1

T_W = [redacted] 30.5

T_O = 29.8

RH = 96%

MAX WIND 24 mph at 0833 EST

[redacted] APRIL 8, 1974

APR 1 0 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. SW	Temp. 59			
Min. 25 °F	Vel. 5 m.p.h.	Read. 28.690			
Set 26 °F	Char. LIGHT	Corr. 28.598	0700	1300	1900
R. H. 82 %	24 hr. Mov. 120	Sea L. 30.058	Clds. 8/10 As	Clds.	Clds.
Ppn. Liq. .03 in.	Prev. Dir. W	3 hr. Tend. +2.4	Wx —	Wx	Wx
Ppn. Sol. .3 in.	Snow Depth T in.	Observer HJH	Vis. 9	Vis.	Vis.

T_S = 25.5

T_W = 23.9

T_D = 20.8

RH = 82%

MAX WIND were 22 mph at 1803 EST
APRIL 9.

APR 1 1 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. S	Temp. 64			
Min. 26 °F	Vel. 5 m.p.h.	Read. 29.040			
Set 37 °F	Char. LIGHT	Corr. 28.934	0700	1300	1900
R. H. 55 %	24 hr. Mov. 145	Sea L. 30.334	Clds. 9/10 Cs	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. SW	3 hr. Tend. +2.5	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer HJH	Vis. 15 mi	Vis.	Vis.

T_s = 37.1

T_w = 31.6

T_D = 21.4

RH = 55%

MAX WINDS 30 mph at 1518 EST APRIL 10.

APR 12 1974 — 0700 EST — Meteorological Observatory University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 60 °F	Dir. —	Temp. 67	Ground Fog in northern end of valley
Min. 36 °F	Vel. 0 m.p.h.	Read. 28.860	
Set 47 °F	Char. CALM	Corr. 28.749	
R. H. 55 %	24 hr. Mov. 60	Sea L. 30.100	
Ppn. Liq. — in.	Prev. Dir. S	3 hr. Tend. -.2	
Ppn. Sol. — in.	Snow Depth — in.	Observer HJH	

0700	1300	1900
Clds. 1/10	Clds.	Clds.
Wx —	Wx	Wx
Vis. 15 mi	Vis.	Vis.

$T_S = 46.8$

$T_W = 39.6$

$T_D = 31.2$

RH = 55%

MAX WIND GUST = 18 mph at 2144 EST APRIL 11

APR 13 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. S	Temp. 69°			
Min. 46 °F	Vel. 9 m.p.h.	Read. 28.780			
Set 56 °F	Char. LIGHT	Corr. 28.660	0700	1300	1900
R. H. 91 %	24 hr. Mov. 112	Sea L. 29.980	Clds. 10/10 St, Sc	Clds.	Clds.
Ppn. Liq. .02 in.	Prev. Dir. S	3 hr. Tend. +0.7	Wx RW-	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer [illegible]	Vis. 6 m.	Vis.	Vis.

T 55.7
T_w 54.6
T_d 53.8
RH 91%

PK WND 15 KTS

APR 1 4 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 71 °F	Dir. —	Temp. 75			
Min. 50 °F	Vel. 0 m.p.h.	Read. 28.685			
Set 53 °F	Char. CALM	Corr. 28.552	0700	1300	1900
R. H. 86 %	24 hr. Mov. 80	Sea L. 29.872	Clds. 9/10 Ci	Clds.	Clds.
Ppn. Liq. 0.08 in.	Prev. Dir. S	3 hr. Tend. -1.0	Wx Fog in valley	Wx	Wx
Ppn. Sol. 0.00 in.	Snow Depth 0.0 in.	Observer JL	Vis. 20 mi	Vis.	Vis.

T 52.6
T_w 50.4
T_d 48.6
RH 86%

PK WND 17MPH AT 1520 17PR 13
15 KTS

APR 15 1971

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. SW	Temp. 64			
Min. 44 °F	Vel. 15 G 30 m.p.h.	Read. 28.350			
Set 44 °F	Char. Gusty	Corr. 28.246			
			0700	1300	1900
R. H. 64 %	24 hr. Mov. 245	Sea L. 29.566	Clds. 10/10 Sc	Clds.	Clds.
Ppn. Liq. .13 in.	Prev. Dir. SW	3 hr. Tend. +1.1	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer HJH	Vis. 9 mi.	Vis.	Vis.

$T = 44.3$

$T_w = 39.6$

$T_D = 33.8$

$RH = 64\%$

MAX WIND — 43 mph at 0352 EST ON APRIL 15.

APR 16 1971 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. SW	Temp. 68			
Min. 37 °F	Vel. 2 m.p.h.	Read. 28.660			
Set 39 °F	Char. LIGHT	Corr. 28.544	0700	1300	1900
R. H. 64%	24 hr. Mov. 280	Sea L. 29.920	Clds. 1/10 Ci	Clds.	Clds.
Ppn. Liq. .01 in.	Prev. Dir. SW	3 hr. Tend. +1.8	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer HSH	Vis. 35 mi	Vis.	Vis.

$T = 39.5$

$T_W = 35.0$

$T_D = 28.3$

$RH = 64\%$

PEAK WINDS —

APR 17 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. SW	Temp. 68	Ground Fog in Valley - NE		
Min. 34 °F	Vel. 4 m.p.h.	Read. 28.850			
Set 39 °F	Char. Light	Corr. 28.733	0700	1300	1900
R. H. 57 %	24 hr. Mov. 93	Sea L. 30.083	Clds. —	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. +1.3	Wx ~~CLEAR~~	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer HJH	Vis. 15 mi	Vis.	Vis.

$T = 38.8°$

$T_W = 33.6°$

$T_D = 25.2°$

$RH = 59\%$

PK. WINDS at 1630 EST APRIL 16 of 20 KTS.

APR 18 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. SSW	Temp. 68	HAZE IN VALLEY
Min. 38 °F	Vel. 4 m.p.h.	Read. 28.740	
Set 45 °F	Char. LIGHT	Corr. 28.624	
R. H. 49 %	24 hr. Mov. 80	Sea L. 29.974	
Ppn. — Liq. in.	Prev. Dir. SW	3 hr. Tend. T.8	
Ppn. — Sol. in.	Snow Depth — in.	Observer HJH	

0700	1300	1900
Clds. —	Clds.	Clds.
Wx —	Wx	Wx
Vis. 9 mi	Vis.	Vis.

T = 45.0

T_W = 37.6

T_D = 28.8

RH = 49%

PK. WINDS from of 16 KTS AT 1732 EST APRIL 19

APR 1 9 1971 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. N	Temp. 70	Rb at 0645 EST		
Min. 45 °F	Vel. 8 m.p.h.	Read. 28.720			
Set 48 °F	Char. STEADY	Corr. 28.599			
			0700	1300	1900
R. H. 72 %	24 hr. Mov. 125	Sea L. 29.950	Clds. 10/10 ST	Clds. 10/10 ST	Clds.
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. +1.6	Wx RW--	Wx Raining	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer HJH	Vis. 8 mi	Vis. 12	Vis.

T = 48.1
Tw = 44.1
T_D = 40.0
RH = 72%

PK. WINDS of 25KTS at 1258 EST APRIL 17.

APRIL 20 1974 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. North	Temp. 85°F	FOG IN NE + SW VALLEY		
Min. 30 °F	Vel. 2 m.p.h.	Read. 29.313			
Set 35 °F	Char. light	Corr. 29.152	0700	1300	1900
R. H. 78% %	24 hr. Mov. 91	Sea L. 30.553	Clds. clear	Clds.	Clds.
Ppn. Liq. .06 in.	Prev. Dir. NE	3 hr. Tend. +2.2 mb	Wx —	Wx	Wx
Ppn. Sol. .0 in.	Snow Depth 0 in.	Observer P.K.	Vis. 35 miles	Vis.	Vis.

T_{SET} = 35.1°F

$T_{W.B.}$ = 28.7°F

$T_{D.P}$ = 24.9°F

R.H. = 76%

PK. WIND of 22 KTS. AT 7:33 A.M. ON 4/19/74

APR 2 1 1974

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. SSW	Temp. 80°F			
Min. 56 °F	Vel. 3 m.p.h.	Read. 29.063			
Set -16 °F	Char. light	Corr. 28.916	0700	1300	1900
R. H. 60 %	24 hr. Mov. 84	Sea L. 30.274	Clds. 2/10 Cirrus	Clds.	Clds.
Ppn. Liq. 0.0 in.	Prev. Dir. SW	3 hr. Tend. +.4mb.	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer P.K.	Vis. 35 miles	Vis.	Vis.

T_{SET} = 45.8 °F

$T_{W.B.}$ = 32.6 °F

$T_{D.P.}$ = 30.2 °F

R.H. = 60%

PK wind of 12 KTS. AT Both 9:21 P.M. + 10:26 P.M. on 4/20/74

APRIL 22 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. SSW	Temp. 72			
Min. 46 °F	Vel. 3 m.p.h.	Read. 28.750			
Set 61 °F	Char. LIGHT	Corr. 28.620	0700	1300	1900
R. H. 50 %	24 hr. Mov. 107	Sea L. 29.930	Clds. 10/10 AC	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. S	3 hr. Tend. -1.5	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth - in.	Observer HJH	Vis. 9 mi	Vis.	Vis.

T = 60.8

T_W = 51.0

T_D = 42.3

Rlt = 50%

PK winds of 21 KTs AT 1603 EST APRIL 21.

APR 23 1971 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 66 °F	Dir. WSW	Temp. 76	~~FOG~~ FOG IN VALLEY + NE
Min. 48 °F	Vel. 6 m.p.h.	Read. 28.396	
Set 49 °F	Char. STEADY	Corr. 28.271	
R. H. 75 %	24 hr. Mov. 112	Sea L. 29.596	
Ppn. Liq. .19 in.	Prev. Dir. S	3 hr. Tend. +20	
Ppn. Sol. — in.	Snow Depth — in.	Observer HJH	

0700	1300	1900
Clds. 8/10 Sc	Clds.	Clds.
Wx —	Wx	Wx
Vis. 8 mi	Vis.	Vis.

T = 49.0
T_W = 45.1
T_D = 41.4
RH = 75%

PR winds of 18 Kts at 0458 APRIL 23.

APR 24 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. W	Temp. 64			
Min. 38 °F	Vel. 8 m.p.h.	Read. 28.670			
Set 39 °F	Char. STEADY	Corr. 28.865	0700	1300	1900
R. H. 70 %	24 hr. Mov. 186	Sea L. 29.835	Clds. 1% Sc	Clds.	Clds.
Ppn. Liq. .03 in.	Prev. Dir. SW	3 hr. Tend. T1.5	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer HJH	Vis. 20	Vis.	Vis.

$T = 38.7$

$T_w = 35.2$

$T_D = 30.2$

RH = 70%

PK winds of 32 KTS AT 1416 EST APRIL 23.

APR 25 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. SW	Temp. 67			
Min. 30 °F	Vel. 2 m.p.h.	Read. 28.950			
Set 35 °F	Char. LIGHT	Corr. 28.836	0700	1300	1900
R. H. 80 %	24 hr. Mov. 106	Sea L. 30.236	Clds. 0/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. NW	3 hr. Tend. +2.2	Wx –	Wx	Wx
Ppn. Sol. – in.	Snow Depth – in.	Observer HJH	Vis. 15	Vis.	Vis.

$T = 35.2°$
$T_w = 33.1°$
$T_D = 29.8°$
RH = 80%

RK winds of 20 KTs AT 1749 EST APRIL 24.

APR 26 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. W	Temp. 68			
Min. 35 °F	Vel. 10 m.p.h.	Read. 28.880			
Set 46 °F	Char. STEADY	Corr. 28.764			
			0700	1300	1900
R. H. 35 %	24 hr. Mov. 86	Sea L. 30.120	Clds. 7/10 AC	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. +1.3	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer HJW	Vis. 35	Vis.	Vis.

$T = 46.4$
$T_W = 36.6$
$T_D = 20.5$
$RH = 35\%$

PK WINDS OF 16 KTS AT 1202 EST APRIL 25.

APR 27 1974 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 69 °F	Dir. EAST	Temp. 81°F			
Min. 40 °F	Vel. 2 m.p.h.	Read. 29.086			
Set 48 °F	Char. light	Corr. 28.936	0700	1300	1900
R. H. 56 %	24 hr. Mov. 96	Sea L. 30.288	Clds. CLEAR	Clds.	Clds.
Ppn. Liq. 0.0 in.	Prev. Dir. NW	3 hr. Tend. +2.2mb.	Wx —	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth — in.	Observer P.K.	Vis. 15 miles	Vis.	Vis.

T_{SET} = 47.6°F

T_{WB} = 33.3°F

$T_{D.P.}$ = 31.6°F

R.H. = 56%

PK. WIND of 23 KTS. AT 5:17 P.M. ON 4/26/79

APR 28 1971 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. SSW	Temp. 74°F			
Min. 48 °F	Vel. 3 m.p.h.	Read. 28.961			
Set 59 °F	Char. light	Corr. 28.829	0700	1300	1900
R. H. 54 %	24 hr. Mov. 80	Sea L. 30.151	Clds. 7/10 Ci Acu	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. SW	3 hr. Tend. +.2mb.	Wx —	Wx	Wx
Ppn. Sol. — in.	Snow Depth — in.	Observer P.K.	Vis. 15miles	Vis.	Vis.

T_{set} = 59.1°F

$T_{w.b.}$ = 42.8°F

$T_{d.p.}$ = 40.9°F

R.H. = 54%

PK. wind of 13KTS. AT { 3:04 / 2:02 / 6:18 / 7:44 } P.M. ON 4/27/24

APR 29 1974 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 84 °F	Dir. SSW	Temp. 74	1540 E PK WND 2540
Min. 58 °F	Vel. 8 m.p.h.	Read. 28.810	
Set 68 °F	Char. Cldy	Corr. 28.779	
R. H. 54 %	24 hr. Mov. 144	Sea L. 30.079	
Ppn. Liq. — in.	Prev. Dir. S	3 hr. Tend. +.8	
Ppn. Sol. — in.	Snow Depth — in.	Observer HTH	

0700	1300	1900
Clds. 8/10 AC	Clds.	Clds.
Wx —	Wx	Wx
Vis. 9	Vis.	Vis.

$T = 68.2$

$T_w = 57.7$

$T_D = 51.1$

$RH = 54\%$

PK wind of 32 Kts at 1614 EST APRIL 28.

APR 30 1971 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. W	Temp. 73	HAZE IN VALLEY		
Min. 63 °F	Vel. 2 m.p.h.	Read. 28.720			
Set 64 °F	Char. LIGHT	Corr. 28.592			
			0700	1300	1900
R. H. 81 %	24 hr. Mov. 75	Sea L. 29.892	Clds. 1% ST	Clds.	Clds.
Ppn. — Liq. in.	Prev. Dir. SW	3 hr. Tend. +.8	Wx —	Wx	Wx
Ppn. — Sol. in.	Snow Depth — in.	Observer HJH	Vis. 6	Vis.	Vis.

$T = 63.9°$
$T_w = 60.1°$
$T_D = 57.8°$
$RH = 81\%$

PK winds of 40 Kts at 1540 EST APRIL 29.

2345Z THUNDER BeGAN; Lightning sited
0000Z - 0009Z .40" rain
Moved very fast (>50 M.P.H.)