FRI. APRIL 1, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 66 °F	Dir. S	Temp. 79	RAMOS OVRNT LOW: 49
Min. 35 °F	Vel. 3 m.p.h.	Read. 29.02	F&H IN Mt. VALLEY
Set 49 °F	Char. LIGHT & VARIABLE	Corr. 28.88	BINOVC
R. H. 75 %	24 hr. Mov. 35 mi.	Sea L. 30.23	RW ≈ 8Z
Ppn. Liq. .02 in.	Prev. Dir. S	3 hr. Tend. STDY	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MPR	

0700	1300	1900
Clds. 10/10 St Sc	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 4mi	Vis.	Vis.

$T_{(GND)}$: 50

$T_{dd(ND)}$: 42

$\bar{T}$: 51

H_{DD} : 14

ε_{HDD} : 14

$\varepsilon_{PCN(G)}$: .02

$\varepsilon_{PCN(S)}$: 0

Sat. Apr. 2, 1988 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 56 °F	Dir. —	Temp. 78°F	Ocnl L- Throughout Day R-B ~ 1500 LT (ocnl R) R-E ~ 0200 LT Dense Fog all quads. Vsby less 1/8 all misses obscured. - A murky morning Ramey Observ. low: 48°F
Min. 46 °F	Vel. Calm m.p.h.	Read. 29.05	
Set 47 °F	Char. Calm	Corr. 28.91	
R. H. 93 %	24 hr. Mov. 28 mi.	Sea L. 30.25	
Ppn. .02 Liq. in.	Prev. Dir. S	3 hr. Tend. / +1.0 mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer ESP	

0700	1300	1900
Clds. Obsc.	Clds.	Clds.
Wx =	Wx	Wx
Vis. 1/8 - 1/4 (S-E) (N-W)	Vis.	Vis.

T_{roof} : 48

T_{dRoof} : 46

$\bar{T}$: 51

MDD : 14

≤ 400 : 28

$\leq Rad$: .04

$\leq RadQ$: 0

APR 3, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 65 °F	Dir. S	Temp. 77	EDT Begins 2 AM.
Min. 47 °F	Vel. 8 m.p.h.	Read. 28.85	
Set 51 °F	Char. STDY	Corr. 28.71	
R. H. 87 %	24 hr. Mov. 48.5 mi.	Sea L. 30.07	
Ppn. Liq. .06 in.	Prev. Dir. S	3 hr. Tend. -.02 in \	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	

	0700	1300	1900
Clds.	10/10		
Wx	≡ OVC.		
Vis.	3 miles		

$\bar{T} = 56$

$OO = 9$

$\Sigma OO = 37$

$\Sigma P(N|L) = .10$

$\Sigma P(N|S) = 0$

$T_r = 53$

$T_d = 49$

MON. APR. 4, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. SW	Temp. 80°	RAMOS OVRNT LOW: 56 FOG ON MT. RIDGE BINOVC RW ≈ 10Z
Min. 51 °F	Vel. 8 m.p.h.	Read. 28.74	
Set 54 °F	Char. STDY	Corr. 28.60	
R. H. 92 %	24 hr. Mov. 115 Mi.	Sea L. 29.91	
Ppn. Liq. .16 in.	Prev. Dir. S	3 hr. Tend. STDY	
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer MPR	

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

$T_{(ANV)}$: 56

$T_{DR(ANV)}$: 53

$\bar{T}$: 58

H_{DD}: 6

ε_{HDD}: 43

$\varepsilon_{PCN(L)}$: .26"

$\varepsilon_{PCN(S)}$: Ø

TUES. APR 5, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. —	Temp. 77			
Min. 42 °F	Vel. 0 m.p.h.	Read. 28.69			
Set 47 °F	Char. CALM	Corr. 28.55			
			0700	1300	1900
R. H. 77 %	24 hr. Mov. 148.2 mi.	Sea L. 29.96	Clds. 1/10 FEW CU	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +2.0 mb	Wx HAZY	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 10 mi.	Vis.	Vis.

$T_{ROOF} = 48$ $T_d = 41$

$\bar{T} = 55$

$DD < 10$

$\Sigma_{DD} = 53$

$\Sigma_{PCN(L)} = 0.26"$

$\Sigma_{PCN(S)} = 0$

WED. APR. 6, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. E	Temp. 77			
Min. 45 °F	Vel. 4 m.p.h.	Read. 28.57			
Set 52 °F	Char. STDY.	Corr. 28.43	RAMOS CLNT. LO: 52		
			0700	1300	1900
R. H. 63 %	24 hr. Mov. NA	Sea L. 29.79	Clds. 1/10 CI	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. -.06	Wx CIR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Vis. 25mi	Vis.	Vis.

$T = 60$

$DD = 5$

$\Sigma DD = 58$

$\Sigma P(w)(L) = 0.26''$

$\Sigma P(w)(S) = 0$

$Tr = 55$

$Td = 42$

Thurs. Apr. 7, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. ENE	Temp. 77°F			
Min. 40 °F	Vel. 7 m.p.h.	Read. 28.26			
Set 40 °F	Char. VRL E→NE 6-12 mph	Corr. 28.12			
			0700	1300	1900
R. H. 90 %	24 hr. Mov. 117.8 mi	Sea L. 29.98	Clds. 10/10 Str Cu Str-Frct	Clds.	Clds.
Ppn. Liq. 0.20" in.	Prev. Dir. E	3 hr. Tend. +0.5 mb ✓	Wx F	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JPH	Vis. 7 mi	Vis.	Vis.

$\bar{T} = 54$

$H_{00} = 11$

$\Sigma H_{00} = 69$

$\Sigma_{pcn} = 0.46"$

T_{rams} 43

$T_{\lambda rams}$ 40

FRI. APR. 8, 1988 — 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. N	Temp. 76°	RAMOS OVRNT LOW; 44
Min. 40 °F	Vel. 10 m.p.h.	Read. 28.59	FOG ON RIDGE TOPS
Set 42 °F	Char. STDY	Corr. 28.46	
R. H. 66 %	24 hr. Mov. 59 mi	Sea L. 29.83	
Ppn. Liq. .47 in.	Prev. Dir. NNE	3 hr. Tend. /+1mb	
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer MPR	

0700	1300	1900
Clds. 10/10 St Sc	Clds.	Clds.
Wx L-	Wx	Wx
Vis. 9 mi	Vis.	Vis.

T(UNV): 44

$T_{DP.(UNV)}$: 39

$\bar{T}$: 45

H_{OO}: 20

ΣH_{OO}: 89

$\Sigma PCN(S)$: Ø

$\Sigma PCN(L)$: Ø.93"

Sat Apr. 9, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 50 °F	Dir. N	Temp. 75	L-E ~ overcast
Min. 34 °F	Vel. 14 m.p.h.	Read. 28.72	Cigrgd
Set 35 °F	Char. Gusty (to 21)	Corr. 28.59	Binovc clouds
			Raining over LO: 36

0700	1300	1900
Clds. 10/10 Sc St	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 20mi	Vis.	Vis.

R. H. 67 %	24 hr. Mov. 146.5 mi	Sea L. 29.98	
Ppn. .01 Liq. in.	Prev. Dir. NNW	3 hr. Tend. +1.7 mb /	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer ESP	

$\bar{T} = 42$

$00 = 23$

$200 = 112$

$\Sigma P(N|S) = 0$

$\Sigma P(N|L) = .94''$

SUN. APR. 10, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 57 °F	Dir. N	Temp. 74	SCATTERED AREAS OF FROST.
Min. 31 °F	Vel. 2 m.p.h.	Read. 28.75	
Set 35 °F	Char. STDY	Corr. 28.62	RAMOS CONT LO: 35
R. H. 76 %	24 hr. Mov. 88 mi	Sea L. 30.01	
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. STDY	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx CLR	Wx	Wx
Vis. 25mi	Vis.	Vis.

$\bar{T} = 44$

$OO = 21$

$\Sigma OO = 133$

$\Sigma PCN(L) = 0.94$

$\Sigma PCN(S) = 0$

$T_r = 36$

$T_d = 28$

MON. APR. 11, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir. NE	Temp. 74°	RAMOS OVRNT LOW: 37 -FOG IN MT. VALLEY -SCATTERED AREAS OF FROST		
Min. 29 °F	Vel. 3 m.p.h.	Read. 28.73			
Set 34 °F	Char. LIGHT & VARIABLE	Corr. 28.61	0700	1300	1900
R. H. 70 %	24 hr. Mov. 53 mi	Sea L. 29.96	Clds. Ø/10	Clds.	Clds.
Ppn. Liq. Ø in.	Prev. Dir. N	3 hr. Tend. /+½mb	Wx CLR	Wx	Wx
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer MPR	Vis. 9 mi	Vis.	Vis.

T(UNV): 38

TOP.(UNV): 28

$\bar{T}$: 47

HDD: 18

Σ HDD: 151

Σ PCN(L): .94

Σ PCN(S): Ø

TUES. APR 12, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. ESE	Temp. 76	RAIN AMNT LO = 42		
Min. 34 °F	Vel. 7 m.p.h.	Read. 28.71			
Set 42 °F	Char. STDY	Corr. 28.57			
			0700	1300	1900
R. H. 65 %	24 hr. Mov. 42 mi.	Sea L. 29.94	Clds. 6/10 ~	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NE	3 hr. Tend. +1.0mb↓	Wx BkN	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 10 mi.	Vis.	Vis.

$T_{ROOF} = 46$ $T_1 = 35$

$\bar{T} = 48$

$DD = 17$

$\Sigma DD = 168$

$\Sigma_{PLW(L)} = 0.94"$

$\Sigma_{PLW(S)} = 0$

WED. APR. 13, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 51 °F	Dir. —	Temp. 74			
Min. 33 °F	Vel. CALM m.p.h.	Read. 28.76			
Set 36 °F	Char. —	Corr. 28.63	RAIN COUNT 20: 37		
			0700	1300	1900
R. H. 65 %	24 hr. Mov. 54mi	Sea L. 29.99	Clds. 0/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. E	3 hr. Tend. +1mb/	Wx CLR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Vis. 25mi	Vis.	Vis.

$\bar{F} = 42$

$OO = 23$

$\leq OO = 191$

$\leq P(N)(L) = 0.94''$

$\leq P(N)(S) = 0$

$Tr = 39$

$Td = 27$

Thurs., Apr. 14, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. SSW	Temp. 74°F	Ci Str, Alt Str W-N		
Min. 36 °F	Vel. 10 m.p.h.	Read. 28.66			
Set 39 °F	Char. Steady	Corr. 28.53	Remos Overnite low = 39°F		
R. H. 55 %	24 hr. Mov. 54.2mi	Sea L. 29.91	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +0.3mb	Clds. 5/10 Ci	Clds.	Clds.
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer DH	Wx	Wx	Wx
			Vis. 25 mi	Vis.	Vis.

$T_{HW} = 42°F$

$T_{DHW} = 27°F$

$\bar{T} = 48$

$H_{DD} = 17$

$\Sigma H_{DD} = 208$

$\Sigma p_{cp(L)} = 0.94"$

$\Sigma p_{cp(S)} = 0$

FRI, APR. 15, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. SW	Temp. 76°	RAMOS OVERNT LOW: 37		
Min. 36 °F	Vel. 3 m.p.h.	Read. 28.71	OO IN mt. VALLEY INTERMITTENT RW- RW ≈ 0530 Z		
Set 37 °F	Char. LIGHT & VARIABLE	Corr. 28.68	OCCL. THUNDER heard		
			0700	1300	1900
R. H. 81 %	24 hr. Mov. 120 mi	Sea L. 29.91	Clds. 3/10 Ci	Clds.	Clds.
Ppn. Liq. .01 in.	Prev. Dir. S	3 hr. Tend. /+1/2mb	Wx SCT	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MPR	Vis. 9 mi	Vis.	Vis.

T@NVL: 40
TDP@NVL: 34
T: 46
HDD: 19
ΣHDD: 227
ΣPCN @1: .95"

Sat. Apr. 16, 1998 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 51 °F	Dir. W	Temp. 74	AW- during day. S-- ~ 2200 LT ~ 0600 LT !!! Ci & Cu SW- 10 S-- at obs vsby lwr SW Ramos Ovrnt low: 28		
Min. 27 °F	Vel. 10 m.p.h.	Read. 28.69			
Set 28 °F	Char. Steady	Corr. 28.55	0700	1300	1900
R. H. 72 %	24 hr. Mov. 129.6	Sea L. 29.96	Clds. 8/10 Cs Cu St	Clds.	Clds.
Ppn. Liq. .01 in.	Prev. Dir. W	3 hr. Tend. +1.0 mb /	Wx SW--	Wx	Wx
Ppn. Sol. T in.	Snow Depth 0 in.	Observer ESP	Vis. 10 mi	Vis.	Vis.

T_{mean} : 29

T_{daily} : 21

$\bar{T}$: 39

HDD : 28

ΣHDD : 258

Σ Pen(L) : .96

Σ Pen(S) : T

SUN. APR. 17, 1988 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 42 °F	Dir. SW	Temp. 72	OCNL S-:10AM-3PM S: 2-2:30PM BRIEFLY S+, SP: 2-2:30PM; GRND WHITENED. GOLD PM:- PSI !		
Min. 27 °F	Vel. 10 m.p.h.	Read. 28.65			
Set 37 °F	Char. STDY	Corr. 28.52	0700	1300	1900
R. H. 76%	24 hr. Mov. 175	Sea L. 29.90	Clds. 0/10	Clds.	Clds.
Ppn. Liq. .01 in.	Prev. Dir. W	3 hr. Tend. STDY	Wx OR	Wx	Wx
Ppn. Sol. .2 in.	Snow Depth 0 in.	Observer GK	Vis. 15mi	Vis.	Vis.

$\bar{T} = 35$

$OD = 30$

$\Sigma OD = 288$

$\Sigma P(N/L) = 0.97''$

$\Sigma P(N/S) = .2''$

$T_r = 35$

$T_d = 27$

MON. APR. 18, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 65 °F	Dir. WSW	Temp. 76	RAMOS QUENT LOW: 54		
Min. 37 °F	Vel. 15 m.p.h.	Read. 28.41	∞ THROUGHOUT NITTANY VALLEY		
Set 58 °F	Char. GUSTY (GUSTS TO 25)	Corr. 28.28			
			0700	1300	1900
R. H. 56 %	24 hr. Mov. 219 mi	Sea L. 29.48	Clds. 10/10 St Cu	Clds.	Clds.
Ppn. Liq. Ø in.	Prev. Dir. SW	3 hr. Tend. 1-2mb	Wx OVC	Wx	Wx
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer MPR	Vis. 8mi	Vis.	Vis.

$T_{(UNV)}$: 59

$T_{OP.(UNV)}$: 49

F: 51

HOD: 14

ξ_{HOD}: 302

$\xi_{PCN(L)}$: Ø.97"

$\xi_{PCN(G)}$: .2"

TUES APR 19, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. WSW	Temp. 73	OVC > 12000'		
Min. 24 °F	Vel. 7 m.p.h.	Read. 28.43			
Set 29 °F	Char. STDY	Corr. 28.30			
			0700	1300	1900
R. H. 63 %	24 hr. Mov. 95.4 mi.	Sea L. 29.69	Clds. 10/10	Clds.	Clds.
Ppn. .01 Liq. in.	Prev. Dir. W	3 hr. Tend. +2.0 mbr	Wx OVC	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JHM	Vis. 20 mi.	Vis.	Vis.

$T_{max} = 30$

$T_d = 19$

$\bar{T} = 43$

$DD = 22$

$\Sigma_{DD} = 324$

$\Sigma_{pcpn(L)} = 0.98"$

$\Sigma_{pcpn(S)} = 0.2"$

WED. APR. 20, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 49 °F	Dir. WSW	Temp. 73°	RAMOS OVENT LOW: 27
Min. 26 °F	Vel. 3 m.p.h.	Read. 28.61	SCATTERED FROST OUTSIDE OF TOWN
Set 29 °F	Char. LIGHT & VARIABLE	Corr. 28.49	
R. H. 70 %	24 hr. Mov. 155mi	Sea L. 29.89	
Ppn. Liq. Ø in.	Prev. Dir. W	3 hr. Tend. /+1½mb	
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer MPR	

0700	1300	1900
Clds. 2/10 Ci Cu	Clds.	Clds.
Wx SCT	Wx	Wx
Vis. 10mi	Vis.	Vis.

$T_{(NN)}$: 33

$T_{OP(NN)}$: 20

$\bar{T}$: 38

H_{00}: 27

ΣH_{00}: 351

$\Sigma PCN(L)$: .98"

$\Sigma PCN(S)$: .2"

Thurs., Apr. 21, 1988 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 56 °F	Dir. WNW	Temp. 74°F	Wave clouds at 1400 local 4/20/88
Min. 29 °F	Vel. 9 m.p.h.	Read. 28.33	
Set 38 °F	Char. Gusty	Corr. 28.20	Roms overnight Low = 39°F
R. H. 60 %	24 hr. Mov. 124.5 mi.	Sea L. 29.56	
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. +2.5 mb	
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JPH	

0700	1300	1900
Clds. 8 Alt Cu, Str. Cu, 10 Cu Frct	Clds.	Clds.
Wx —	Wx	Wx
Vis. 25 mi.	Vis.	Vis.

$\overline{T} = 43$

$H_{DD} = 22$

$\Sigma H_{DD} = 373$

$\Sigma_{pcn(e)} = 0.98"$

$\Sigma_{pcn(s)} = 0.2"$

$T_{dww} = 28$

$T_{ww} = 41$

FRI. APR. 22, 1968

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. SW	Temp. 74			
Min. 25 °F	Vel. 6 m.p.h.	Read. 28.62			
Set 33 °F	Char. STDY	Corr. 28.49	RAINS OVNT 20:30		
			0700	1300	1900
R. H. 67%	24 hr. Mov. 161mi	Sea L. 29.80	Clds. 0/10	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1.5mb/	Wx CLR	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Vis. 25mi	Vis.	Vis.

$\bar{T} = 37$

$H_{DD} = 28$

$\Sigma H_{DD} = 401$

$\Sigma P(N(L) = 0.98'$

$\Sigma P(N(S) = 0.2'$

$T_r = 32$

$Td = 21$

Sat. Apr. 23, 1988 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 62 °F	Dir. S	Temp. 75	Cb N-W mvg NE at 40 mph Dark SW (est 10 – 20000 ft)
Min. 33 °F	Vel. 7 m.p.h.	Read. 28.71	
Set 44 °F	Char. Gusty (all)	Corr. 28.59	Ramos Ovnight Lo: 41

0700	1300	1900
Clds. 10/10 Ci Cu Cb	Clds.	Clds.
Wx OVC	Wx	Wx
Vis. 20 mi	Vis.	Vis.

R. H.	24 hr. Mov.	Sea L.	Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Ppn. Sol.	Snow Depth	Observer
34 %	590 mi	29.95	0 in.	NW	-0.5 mb	0 in.	0 in.	ESP

T_{root} : 47 TD:20

Td_{root} : 37

$\bar{T}$: → 48

$\bar{H}_{DD}$: → 17

ΣH_{DD}: → 418

$\Sigma P_{in}(c)$:

$\Sigma P_{in}(s)$:

SUN, APR. 24, 1988 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. W	Temp. 74	TS BEGAN: 9:20PM RA 5:2E TS ENDED: 9:35PM HAIL- TS B: 10:10 PM TS E: 10:35PM LTCCCG ~ 9:15PM FROPA: ~6Z		
Min. 40 °F	Vel. 18 m.p.h.	Read. 28.41			
Set 40 °F	Char. G25	Corr. 28.29	0700	1300	1900
R. H. 79 %	24 hr. Mov. 161mi	Sea L. 29.69	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .15 in.	Prev. Dir. SSE	3 hr. Tend. +2mb	Wx OVC.	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	Vis. 15mi	Vis.	Vis.

$\bar{T} = 51$

$OO = 14$

$\Sigma OO = 432$

$\Sigma pcw(L) = 1.13''$

$\Sigma pcw(S) = 0.2''$

$Tr = 42$

$Td = 36$

MON. APR. 25, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 45 °F	Dir. W	Temp. 74°	RAMOS OVERT LOW: 37
Min. 33 °F	Vel. 4 m.p.h.	Read. 28.71	
Set 37 °F	Char. LIGHT & VARIABLE	Corr. 28.59	
R. H. 66 %	24 hr. Mov. 197 MI	Sea L. 29.94	
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. /+1/2 mb	
Ppn. 0 Sol. in.	Snow Depth Ø in.	Observer MPR	

0700	1300	1900
Clds. 0/10	Clds.	Clds.
Wx CLR	Wx	Wx
Vis. 15 MI	Vis.	Vis.

T_{CONV}: 39

$T_{O.P.(CNV)}$: 29

$\bar{T}$: 39

H_{OO}: 26

ΣH_{OO}: 458

$\Sigma_{PCN(L)}$: 1.13"

$\Sigma_{PCN(S)}$: .2"

TUES. APR. 26, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 62 °F	Dir. —	Temp. 75	Ci HORIZON SW MANY CONTRAILS E HAZE/FOG BASE MT. NITTANY AND PENNS VALLEY
Min. 29 °F	Vel. 0 m.p.h.	Read. 28.65	
Set 35 °F	Char. CALM	Corr. 28.52	

	0700	1300	1900
R. H. 57 %	Clds. 1/10	Clds.	Clds.
Ppn. Liq. 0 in.	Wx CLR	Wx	Wx
Ppn. Sol. 0 in.	Vis. 20 mi.	Vis.	Vis.

24 hr. Mov.	Sea L.	3 hr. Tend.	Prev. Dir.	Snow Depth	Observer
91.2 mi.	29.90	+1.0mb	W	0 in.	JHM

$T_{ROOF} = 40$ $T_{W} = 35$ $T_d = 27$ $T_{d\,CONV} = 25$
$T_{d\,RADIUS} = 24$

$\overline{T} = 46$

$DD = 19$

$\Sigma_{DD} = 477$

$\Sigma_{PCN(L)} = 1.13''$

$\Sigma_{PCN(S)} = 0.2''$

WED. APR. 27, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. NE	Temp. 76	WIND SHIFT S→N. 9:40 PM.
Min. 35 °F	Vel. 2 m.p.h.	Read. 28.56	
Set 43 °F	Char. STDY.	Corr. 28.42	RAMOS OVN. 20: 43
R. H. 61 %	24 hr. Mov. 79 mi	Sea L. 29.78	
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. -.06	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer GK	

0700	1300	1900
Clds. 3/10	Clds.	Clds.
Wx SCT.	Wx	Wx
Vis. 25 mi	Vis.	Vis.

$\bar{T} = 53$

$DD = 12$

$\Sigma DD = 489$

$\Sigma P_{(N)}(L) = 1.13''$

$\Sigma P_{(N)}(S) = 0.2''$

$T_r = 46$

$T_d = 32$

Thurs., Apr. 28, 1988

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 64 °F	Dir. WSW	Temp. 76°F	RW -- ~1000 LT (Just a few sprinkles)
Min. 34 °F	Vel. 10 m.p.h.	Read. 28.43	TRW ~ 1430-1500 LT
Set 40 °F	Char. VBL 8-12 mph	Corr. 28.30	RW - 1500-1600 LT
			Ramos Overnight Low = 39°F

0700	1300	1900
Clds. Ci 8 Alt.Stf.Cu. 10 Alt.Str.	Clds.	Clds.
Wx —	Wx	Wx
Vis. 20 mi	Vis.	Vis.

R. H.	24 hr. Mov.	Sea L.
69 %	33.9 mi	29.66
Ppn. Liq. 0.23 in.	Prev. Dir. W	3 hr. Tend. +0.2 mb
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JPH

$\bar{T} = 49$

$H_{dd} = 16$

$\Sigma H_{dd} = 505$

$\Sigma p_{cn(c)} = 1.36$

$\Sigma p_{cn(s)} = 0.2"$

$T_{roof} = 42$

$T_w = 38$

$T_d = 32.5$

FRI. APR. 29, 1988 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. WSW	Temp. 76°	RAMOS OVRNT LOW; 85		
Min. 34 °F	Vel. 8 m.p.h.	Read. 28.51	* MIXED BAG OF S-/IP/R-/GRAUPEL APPROX 17Z		
Set 37 °F	Char. STDY	Corr. 28.48	* LTNG EAST ≈ 1850Z		
			* FOG ON RIDGE TOPS		
			0700	1300	1900
R. H. 94 %	24 hr. Mov. 72 MI	Sea L. 29.83	Clds. 10/10 St	Clds.	Clds.
Ppn. Liq. .05 in.	Prev. Dir. WSW	3 hr. Tend. STDY	Wx L-	Wx	Wx
Ppn. Sol. T in.	Snow Depth Ø in.	Observer MPR	Vis. 5MI	Vis.	Vis.

T~~DBT~~ : 37

TWET : 35

$\overline{T}$; 42

HDD: 23

Σ HDD; 528

Σ PCN @1: 1.41"

Σ PCN @1: .2"

Sat. Apr. 30, 1988 — 0700 EST — Meteorological Observatory, University Park, Pa.

Temp.	Wind	Barom.	General Obs.
Max. 45 °F	Dir. NW	Temp. 75°F	OCCASNL. L- 9:00 - 12:00 LT R-B ~ 1430 LT R-E, L-B ~ 1930 LT L-E ~ 0000 LT Cig rgd Range dwpt 0: 39
Min. 37 °F	Vel. 10 m.p.h.	Read. 28.66	
Set 41 °F	Char. steady	Corr. 28.53	

	0700	1300	1900
R. H. 77 %	Clds. 9/10 Sc Fc	Clds.	Clds.
Ppn. Liq. .09 in.	Wx -OVC	Wx	Wx
Ppn. Sol. 0 in.	Vis. 20 mi	Vis.	Vis.

24 hr. Mov.	Sea L.	3 hr. Tend.	Snow Depth	Observer
139.5 mi	29.91	+ 3.0 mb /	0 in.	ESP

T_{roof} : 44

$T_{no\ roof}$: 41

T_{op}: 37

$\bar{T}$: 41

HDD: 24

CDD: 552

$s_{Pcn(c)}$: 1.50

$s_{Pcn(s)}$: .2