Wed. January 1, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. –	Temp. 74 °F	FROST ATTRACTIVE CRESCENT MOON - EAST		
Min. 13 °F	Vel. – m.p.h.	Read. 29.34 in.			
Set 14 °F	Char. CALM	Corr. 29.21 in.			
			0700	1300	1900
R.H. 87 %	24 hr. Mov. 0.1 mi.	Sea L. 30.70 in.	Clds. 0/10	Clds.	Clds.
Ppn. Liq. – in.	Prev. Dir. E	3 hr. Tend. +0.0 - mb	Wx	Wx	Wx
Ppn. Sol. – in.	Snow Depth – in.	Observer FJG	Vis. 20 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 24$

$Td_{UNV} = 11$

$Td_{ramos} = 7$

$H_{DD} = 41$

$\Sigma H_{DD} = 41$

$\Sigma PAN(L) = 0$ "

$\Sigma PAN(S) = 0$ "

THURSDAY JAN 2, 1992, 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. NNE	Temp. 72 °F	24 hr HIGH PRS 30.55" A FEW DROPS AT OBS TIME OVRNITE LO ≈ 21		
Min. 13 °F	Vel. 4 m.p.h.	Read. 29.21 in.			
Set 25 °F	Char. VARIBLE	Corr. 29.09 in.	0700	1300	1900
R.H. 77%	24 hr. Mov. 9.8 mi.	Sea L. 30.40 in.	Clds. 10/10	Clds.	Clds.
Ppn. T in. Liq.	Prev. Dir. S	3 hr. Tend. -+0.0 mb	Wx OVC	Wx	Wx
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer LKB	Vis. 10 mi.	Vis. mi.	Vis. mi.

Td Away 19

Td Rennes 16

$\bar{T} = 24$

$HDD = 41$

$\Sigma HDD = 82$

$\Sigma PPN_{(w)} = T$

$\Sigma PPN_{(f)} = 0$ "

FRIDAY, JAN 3 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. —	Temp. 74 °F	LLB - START 0800 LT 24 HR LOW @ 0730 LT		
Min. 24 °F	Vel. 0 m.p.h.	Read. 28.98 in.	LLB - OCNG THROUGHOUT DAY/NIGHT FOG & MIST AT OBS TIME		
Set 37 °F	Char. Calm	Corr. 29.75 in.	VIS LESS TO SE ~ 1/4 MI		
R.H. 96 %	24 hr. Mov. 0.0 mi.	Sea L. 30.03 in.	0700 Clds. X	1300 Clds.	1900 Clds.
Ppn. Liq. .02 in.	Prev. Dir. NE	3 hr. Tend. -0.5 mb	Wx ≡	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LLB	Vis. 2 mi.	Vis. mi.	Vis. mi.

$T_{dmv} = 36$

$T_{deaver} = 32$

$\bar{T} = ~~29~~ 31$

$HDD = ~~36~~ 34$

$\Sigma HDD = ~~118~~ 116$

$\Sigma PDN_w = .02"$

$\Sigma PDN_s = 0"$

Saturday January 4 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. NE	Temp. 73 °F	*Frost Damage much of yesterday + overnight.		
Min. 37* °F	Vel. 8 m.p.h.	Read. 28.75 in.			
Set 41 °F	Char. Fairly Steady	Corr. 28.62 in.	# event low: 40		
R.H. 83 %	24 hr. Mov. 48 mi.	Sea L. 29.99 in.	0700: Clds. 10/10 stratocum	1300: Clds.	1900: Clds.
Ppn. Liq. T in.	Prev. Dir. ENE	3 hr. Tend. -1/2 mb	0700: Wx *cloudy *drizzly	1300: Wx	1900: Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	0700: Vis. 7 mi.	1300: Vis. mi.	1900: Vis. mi.

$T_{avg} = 41$ $\bar{T} = 42$ $\Sigma P_{CN_r} = .02"$

$T_w = —$ $HDD = 23$ $\Sigma P_{CN_s} = 0"$

$T_d = 36$ $\Sigma HDD = 139$

Sunday January 5 1992 — 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. NNW	Temp. 73 °F	• RB ~ 0730 LT and CONTINUED MOST OF THE ODP UNTIL LAST NIGHT ~		
Min. 41 °F	Vel. 5 m.p.h.	Read. 28.73 in.			
Set 41 °F	Char. Light	Corr. 28.60 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. 30 mi.	Sea L. 29.97 in.	Clds. 10/10 STRATUS	Clds.	Clds.
Ppn. .31 in. Liq.	Prev. Dir. N	3 hr. Tend. +1 mb	Wx • OVC	Wx	Wx
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer JCK	Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{adj} = 41$ $\bar{T} = 43$ $\Sigma PCN_1 = .33$

$T_w = 38$ $HDD = 22$ $\Sigma PCN_2 = 0$

$T_l = 34$ $\Sigma HDD = 161$

Monday January 6 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. NW	Temp. 72 °F			
Min. 33 °F	Vel. 9-21 m.p.h.	Read. 28.68 in.			
Set 33 °F	Char. Variable	Corr. 28.55 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. 75 mi.	Sea L. 29.95 in.	Clds. 10/10 stratocum	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NW	3 hr. Tend. -1/2 mb	Wx • ove • windy	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{Mod} = 31$ $\bar{T} = 37$ $\Sigma PcN_L = .33"$

$T_w = —$ $HDD = 28$ $\Sigma PcN_S = 0"$

$T_{dew} = 24$ $\Sigma HDD = 189$

TUES. JAN. 7, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. WNW	Temp. 72 °F	PAN VRY LGT		
Min. 32 °F	Vel. 10 m.p.h.	Read. 28.83 in.			
Set 34 °F	Char. VAR 5-18	Corr. 28.70 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. 171.3 mi.	Sea L. 30.09 in.	Clds. 10/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. /+1.8 mb	Wx L--	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JHM	Vis. 15 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 34$ $T_{2\,\text{MAX}} = 26$

$T_{2\,\text{MIN}} = 22.5$

$H_{DD} = 31$

$\Sigma_{HDD} = 220$

$\Sigma_{PPN(L)} = .33"$

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

WED. JAN. 8, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. WNW	Temp. 73 °F	FEW cu + Altocu L — obs ~ 0800 LT SC — 0800 ~ 0900 LT SW-- 1600 ~ 1900 LT		
Min. 26 °F	Vel. 4 m.p.h.	Read. 29.03 in.			
Set 26 °F	Char. STDY	Corr. 28.90 in.	0700	1300	1900
R.H. 71 %	24 hr. Mov. 73.8 mi.	Sea L. 30.25 in.	Clds. 0/10	Clds.	Clds.
Ppn. T Liq. in.	Prev. Dir. W	3 hr. Tend. /+1.5 mb	Wx CLR	Wx	Wx
Ppn. T Sol. in.	Snow Depth 0 in.	Observer JHM	Vis. 25 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 31$ $T_{d\,UNV} = 18$

$T_{d\,RAMOS} = 17$

$H_{DD} = 34$

$\Sigma_{HDD} = 254$

$\Sigma_{PPN(L)} = 0.33''$

$\Sigma_{PPN(S)} = T$

THURSDAY, JAN 9. 1962 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. SW	Temp. 72 °F	MIN T OCRD ~ 0800 LT, 8M IPW 0400 LT OVRNT LO ~ 30 @ 1945 LT		
Min. 24 °F	Vel. 4 m.p.h.	Read. 28.74 in.			
Set 36 °F	Char. VAR 6-2	Corr. 28.62 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. 2.9 mi.	Sea L. 29.91 in.	Clds. 10/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. S	3 hr. Tend. \-1.6 mb	Wx OVC	Wx	Wx
Ppn. Sol. T in.	Snow Depth 0 in.	Observer LWS	Vis. 10 mi.	Vis. mi.	Vis. mi.

$T_{d\,avg} = 27$

$T_{dmax} = 22$

$\bar{T} = 32$

$HDD = 23$ 33 & 27

$\Sigma HDD = 287$

$\Sigma PDN_{(a)} = 0.33''$

$\Sigma PDN_{(s)} = T$

Jan. 10 1992 (FRI) 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. W	Temp. 73 °F	RW 0730-0845LT (.07")		
Min. * 34 °F	Vel. 14 m.p.h.	Read. 28.59 in.	RW-~1145-1350 LT		
			L-~OBS		
Set 37 °F	Char. MODERATE	Corr. 28.46 in.	OBS TAKEN 0740 LT		
			0700	1300	1900
R.H. 85 %	24 hr. Mov. 94.2 mi.	Sea L. 29.84 in.	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .09 in.	Prev. Dir. W	3 hr. Tend. -0 mb	Wx ONC	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer LDM	Vis. 8 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 35$ $T_{D\,RAMOS} = 26$

$\overline{T} = 40$ $T_{D\,ONV} = 31$

$H_{DD} = 25$

$\Sigma H_{DD} = 312$

$\Sigma C_{DD} = 0$

$\Sigma_{PPN_L} = .42"$

$\Sigma_{PPN_S} = T$

* MIN T OCRD ~ 0900 LT 9th

SET T = CURNT LO

SAT Jan 11, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 37 * °F	Dir. W	Temp. 72 °F	L-0730-830 LT L-,SW- 0930-1130 LT SW- 1330-1400 LT SW- 1540-1555 LT SW- 1730-1900 LT
Min. 29 °F	Vel. 16 m.p.h.	Read. 28.70 in.	
Set 30 °F	Char. VAR 22-12	Corr. 28.57 in.	

0700	1300	1900
Clds. 7/10	Clds.	Clds.
Wx MOSTLY CLOUDY	Wx	Wx
Vis. 10 mi.	Vis. mi.	Vis. mi.

R.H.	24 hr. Mov.	Sea L.	
66 %	150.9 mi.	29.86 in.	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +1.5 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer LKB	

$T_{DUMMY} = 21$

$T_{DRAMON} = 15$

$\bar{T} = 34$

$HDD = 31$ (32)

$\Sigma HDD = 343$

$\Sigma FPN_{L} = .42''$

$\Sigma FPN_{S} = T$

SW - 0445 - 0500 LT

SW - 0645 - wknd

* MAX T OCRD @ OBS, 10th

Sunday Jan. 12, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. SW	Temp. 73 °F	SW - 0745-930 LT		
Min. 25 °F	Vel. 4 m.p.h.	Read. 28.88 in.			
Set 28 °F	Char. light	Corr. 28.75 in.			
			0700	1300	1900
R.H. 63 %	24 hr. Mov. 114.0 mi.	Sea L. 30.18 in.	Clds. .ci 2/10	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. / +1 mb	Wx Generally Crisp & Clear	Wx	Wx
Ppn. Sol. T in.	Snow Depth — in.	Observer LAM	Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 30$

$\overline{T} = 28$

$HDD = 37$

$\Sigma HDD = 380$

$\Sigma CDD = 0$

$\Sigma_{ppN_L} = .42''$

$\Sigma_{ppN_S} = T$

$T_{D\ ramos} = 19$

$T_{D\ UNSJ} = 20$

Monday January 13 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 48 °F	Dir. WSW	Temp. 34 °F	* L - sometime between 0130 - 0230 LT
Min. 28* °F	Vel. 9 m.p.h.	Read. 28.66 in.	
Set 43 °F	Char. steady	Corr. 28.53 in.	* overnight low: 42

0700	1300	1900
Clds. 10/10 stratus	Clds.	Clds.
Wx • fog • drizzly	Wx	Wx
Vis. 25 mi.	Vis. mi.	Vis. mi.

R.H. 86 %	24 hr. Mov. 47 mi.	Sea L. 29.90 in.
Ppn. T Liq. in.	Prev. Dir. SW	3 hr. Tend. -1 ↘ mb
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer JCK

$T_{Avg} = 41$ $\quad \overline{T} = 38$ $\quad \Sigma Pcp_1 = .42"$

$T_w = 39$ $\quad HDD = 27$ $\quad \Sigma Pcp_2 = T$

$Td = 37$ $\quad \Sigma HDD = 407$

Tuesday Jan. 14, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SSE	Temp. 74 °F	RW- ~ 0000-500 LT OVNGT. LO = 44		
Min. 43 °F	Vel. 18 m.p.h.	Read. 27.84 in.			
Set 49 °F	Char. GUST TO 34	Corr. 27.71 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. N/A mi.	Sea L. 29.02 in.	Clds. - 10/10 (OVC.)	Clds.	Clds.
Ppn. .13 Liq. in.	Prev. Dir. N/A	3 hr. Tend. -8 mb	Wx SHOWERY, WINDY	Wx	Wx
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer CPB	Vis. 2 RW-F mi.	Vis. mi.	Vis. mi.

$\bar{T} = 49$

$H_{DD} = 16$

$\Sigma C_{DD} = 0$

$\Sigma H_{DD} = 423$

$T_{roof} = 49$

$T_w = 47$

$T_d = 47$

$T_{d\ WW} = 48$

$T_{d\ RAM} = 41$

$\Sigma p_{CN_L} = .55''$ $\Sigma p_{CN_S} = T$

Wed Jan 15 1992 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 49 °F	Dir. W	Temp. 72 °F	RW - ~0705 - 0740 LT RW ~ 0740 - 0760 LT RW - ~0760 - 0800 LT TSRA 0800 - 0830 LT Gust: 50mph 1/8" Hail DCNL LTGICCCG (Accum hail ~1 mi west) RW - ~ 0830 - 1135 LT (over)
Min. 10 °F	Vel. 10 m.p.h.	Read. 28.70 in.	
Sct 16 °F	Char. MODERATE	Corr. 28.57 in.	

0700	1300	1900
Clds. 3/10	Clds.	Clds.
Wx Crisp	Wx	Wx
Vis. 15 mi.	Vis. mi.	Vis. mi.

R.H. 67 %	24 hr. Mov. 280.5 mi.	Sea L. 30.03 in.	
Ppn. Liq. .38 in.	Prev. Dir. W	3 hr. Tend. +2.5 mb	
Ppn. Sol. .1 in.	Snow Depth T in.	Observer LAM	

$T_{ROOF} = 14$ $T_{D\ RAINS} = 0$

$\overline{T} = 33$ $T_{D\ GRASS} = 7$

$H_{DD} = 32$

$\Sigma H_{DD} = 455$

$\Sigma_{PPN_L} = .93"$

$\Sigma_{PPN_S} = T$

.35" @ 1100 LT
(Rainbow 1115 LT)
SP ~1117

SW-, RW-~1125-1128 LT
(Rainbow 1128 LT)
RW-~1135 LT - 1200 LT

SW-~1325 LT - 0430 LT
(Gauge emptied at end of
rain event - .38)

(FRDA 1145 LT)
Max Gust 64 Mph

Thursday Jan. 16, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 25 °F	Dir. NW	Temp. 72 °F	S -- ~1955 LT S - ~2130 - 0338 Q		
Min. 9 °F	Vel. 20-30 m.p.h.	Read. 28.66 in.			
Set 9 °F	Char. Gusty	Corr. 28.53 in.	0700	1300	1900
R.H. 57 %	24 hr. Mov. 1532 mi.	Sea L. 30.00 in.	Clds. 2/10	Clds.	Clds.
Ppn. Liq. .05 in.	Prev. Dir. WSW	3 hr. Tend. +8 mb	Wx. Frigid	Wx	Wx
Ppn. Sol. 1 in.	Snow Depth 1 in.	Observer LAM	Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{ROOF} = 7$ $T_{D\,TRANS} = -6$

$\overline{T} = 17$ $T_{D\,UNIT} = -5$

$H_{DD} = 48$

$\Sigma H_{DD} = 53$

$\Sigma_{PPNL} = .98''$

$\Sigma_{PPNS} = 1''$

Friday January 17 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 14 °F	Dir. SW	Temp. 72 °F	• intermittent light snow at 14° and lighter winds [illegible] taste bottom (milder than it was) than it was last evening. • 1215-1245 ET Brief SW- • SW -- ~0430 ET
Min. 6 °F	Vel. 3 m.p.h.	Read. 28.56 in.	
Set 14 °F	Char. light + very [illegible]	Corr. 28.43 in.	

0700	1300	1900
Clds. 10/ Stratus Overcast	Clds.	Clds.
Wx • SNOW very light	Wx	Wx
Vis. 12 mi.	Vis. mi.	Vis. mi.

R.H. 73 %	24 hr. Mov. 160 mi.	Sea L. 29.88 in.	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. -1½ V mb	
Ppn. Sol. T in.	Snow Depth 1 in.	Observer JCK	

$T_{Avg} = 11$ $\quad \overline{T} = 10$ $\quad \Sigma P_{CN_L} = .98"$

$T_W = -$ $\quad HDD = 55$ $\quad \Sigma P_{CN_S} = 1"$

$T\lambda_{HVAC} = 4$ $\quad \Sigma_{HDD} = 55B$

Saturday Jan. 18, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 30 °F	Dir. WNW	Temp. 72 °F	SW-- 1216 LT ~ 1630-2030 LT 1990: WIND GUSTS @ 50mph SUSTAINED > 30 mph		
Min. 14* °F	Vel. 22 m.p.h.	Read. 28.80 in.			
Set 18 °F	Char. GUSTS To 40!	Corr. 28.67 in.	0700	1300	1900
R.H. 59 %	24 hr. Mov. 289.9 mi.	Sea L. 30.12 in.	Clds. -6/10 (Ac)	Clds.	Clds.
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. -+0.1 mb	Wx PTLY. CLDY./COLD	Wx	Wx
Ppn. Sol. T in.	Snow Depth T in.	Observer CPB	Vis. 10 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 22$

$H_{DD} = 43$

$\Sigma C_{DD} = 0$

$\Sigma H_{DD} = 603$

$T_{roof} = 18°$

$T_{DRAMOS} = 1°$

$T_{DUNN} = 5°$

* MIN T OCRD @ OBS, 17th
OVRNT LO, 18 @ OBS 18th

$\Sigma PPN_L = .98$ " / $\Sigma PPN_S = 1$ "

SUN JAN. 19, 1991 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 19 °F	Dir. SW	Temp. 71 °F			
Min. 3 °F	Vel. 10 m.p.h.	Read. 29.06 in.			
Set 4 °F	Char. Steady	Corr. 28.93 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. 176.5 mi.	Sea L. 30.43 in.	Clds. 1/10	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. ±0 mb	Wx M. CLEAR	Wx	Wx
Ppn. Sol. — in.	Snow Depth T in.	Observer SC	Vis. 12 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 11$

$H_{OO} = 54$

$\Sigma C_{OO} = 0$

$\Sigma H_{OO} = 657$

$\Sigma PPN_L = .98"$

$\Sigma PPN_S = 1"$

$T_{UNU} = 4$

$T_{OUNU} = -1$

$T_{OR} = 1$

$T_{ORANUS} = -4$

Monday January 20 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 14 °F	Dir. —	Temp. 72 °F	• SNOW BEGAN ~ 0100 LT HIGH TEMP ON 19TH = 13		
Min. 4 °F	Vel. 0 m.p.h.	Read. 28.67 in.			
Set 14 °F	Char. Calm	Corr. 28.54 in.	# DWPT low: 6°		
R.H. 91 %	24 hr. Mov. 76 mi.	Sea L. 30.00 in.	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn. .07 in. Liq.	Prev. Dir. SW	3 hr. Tend. -1½ mb	Wx • SNOW • NO WIND	Wx	Wx
Ppn. .9 in. Sol.	Snow Depth 1 in.	Observer JCK	Vis. 1 mi.	Vis. mi.	Vis. mi.

$T_{dew} = 12$ $\quad \bar{T} = 9$ $\quad \sum PCN_a = 1.05"$

$T_w = —$ $\quad HDD = 56$ $\quad \sum PCN_s = 1.9"$

$T_{d_{max}} = 10$ $\quad \sum HDD = 713$

Tuesday Jan. 21, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. **28 °F	Dir. WNW	Temp. 72 °F	* OBS TMP. - MON. (1/20)		
Min. 14* °F	Vel. 25 m.p.h.	Read. 28.71 in.	** YESTERDAY'S HIGH, THEN FELL TO 17° OVNGT., ROSE AGAIN SHARPLY (OVGR)		
Set 28 °F	Char. GUST TO 46	Corr. 28.58 in.	0700	1300	1900
R.H. 66 %	24 hr. Mov. 100.3 mi.	Sea L. 29.99 in.	Clds. -10/10 (OVC.)	Clds.	Clds.
Ppn. .04 in. Liq.	Prev. Dir. W	3 hr. Tend. NO CHNGE. mb	Wx CLOUDY - BLUSTERY	Wx	Wx
Ppn. 0.6 in. Sol.	Snow Depth 2 in.	Observer CPB	Vis. 4 BS mi.	Vis. mi.	Vis. mi.

$\bar{T} = 21$

$H_{\gg} = 44$

$\Sigma C_{\gg} = 0$

$\Sigma H_{\gg} = 757$

BEFORE DAWN (~7/hr.)
TO REACH IDENTICAL 28°

S- obs - 1415 LT
S-- ~ 1830-1900 LT

$Td_{RAMOS} = 14$
$Td_{UNV} = 18$

$\Sigma PPN_L = 1.09''$ $\Sigma PPN_S = 2.5''$

Wednesday, Jan 22 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. WNW	Temp. 72 °F	Frogs		
Min. 17 °F	Vel. 2 m.p.h.	Read. 28.99 in.			
Set 18 °F	Char. light	Corr. 28.86 in.	0700	1300	1900
R.H. 88 %	24 hr. Mov. 81.5 mi.	Sea L. 30.32 in.	Clds. 5/10 ci	Clds.	Clds.
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. +4.0 mb	Wx fog	Wx	Wx
Ppn. Sol. — in.	Snow Depth 1 in.	Observer LAM	Vis. 2 1/2 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 20$ $T_{o\,ramos} = 14$

$\overline{T} = 26$ $T_{OUNV} = 20$ } used DD = 3 for Ref calc.

$H_{DD} = 39$ $T_{UNV} = 23$ }

$\Sigma H_{DD} = 796$

$\Sigma_{PPN_L} = 1.09''$

$\Sigma_{PPN_S} = 2.5''$

Thursday, Jan 23 1992 — 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. SW	Temp. 72 °F	L- ~ 0230 - 0600 LT R-, IP- ~ 0600 - OBS OVRNT LO = 33		
Min. 18 °F	Vel. 6 m.p.h.	Read. 28.67 in.			
Set 34 °F	Char. light	Corr. 28.54 in.			
			0700	1300	1900
R.H. 92 %	24 hr. Mov. 74.9 mi.	Sea L. 29.94 in.	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .01 in.	Prev. Dir. SE	3 hr. Tend. 1-3 mb	Wx Rainy	Wx	Wx
Ppn. Sol. T in.	Snow Depth T in.	Observer LAM	Vis. 2 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 33$ $T_{Dramos} = 28$

$T = 27$ $T_{Dunv} = 31$

$H_{DD} = 38$

$\Sigma H_{DD} = 834$

$\Sigma_{PPN_L} = 1.10''$

$\Sigma_{PPN_S} = 2.5''$

Friday January 24 1992 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 40 °F	Dir. WSW	Temp. 73 °F	• R - S - IP - 0035 - 0740 LT • R - 0740 - 1615 (OCNL R 1400 - 1430) • L - 1615 - 1700 FRZRA 2100 PASTAR • L - 2200 • SB - Estimated - OCNL SN 0000 - 0300 • SW1 - ~ D630 - OBS
Min. 26 °F	Vel. 10 - 23 m.p.h.	Read. 28.26 in.	
Set 26 °F	Char. Vary.	Corr. 28.13 in.	

	0700	1300	1900
R.H. 81 %	Clds. 10/10	Clds.	Clds.
Ppn. Liq. .65 in.	Wx • SNOW	Wx	Wx
Prev. Dir. WSW	3 hr. Tend. +1½ mb		
Ppn. Sol. .3 in.	Snow Depth T in.	Observer JCK	
	Vis. 1½ mi.	Vis. mi.	Vis. mi.

$T_{Proj} = 24$ $\quad \bar{T} = 33$ $\quad \Sigma P_{CN_2} = 1.75"$

$T_w = -$ $\quad HDD = 32$ $\quad \Sigma P_{CN_s} = 2.8"$

$T_l = 19$ $\quad \Sigma HDD = 866$

Saturday Jan. 25, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 28 °F	Dir. W	Temp. 72 °F	SW- OBS-0735 LT ~1050-1115 LT SW (SQUALL) 1115-22 LT ~1220-1230 LT ~1157-1204 LT (OVER)
Min. 15 °F	Vel. 7 m.p.h.	Read. 28.97 in.	
Set 16 °F	Char. GUSTS 10	Corr. 28.84 in.	
R.H. 70 %	24 hr. Mov. 280.6 mi.	Sea L. 30.30 in.	
Ppn. .01 Liq. in.	Prev. Dir. W	3 hr. Tend. +1.0 ~ mb	
Ppn. .2 Sol. in.	Snow Depth T in.	Observer CPB	

0700	1300	1900
Clds. -Ac ~6/10 BKN	Clds.	Clds.
Wx PARTLY SUNNY	Wx	Wx
Vis. 10 mi.	Vis. mi.	Vis. mi.

$\overline{T} = 22$

$H_{DD} = 43$

$\sum C_{DD} = 0$

$\sum H_{DD} = 909$

$T_{D\ UNV} = 8$

$T_{D\ RAMOS} = 2$

* SW 1525-38 LT

(* = ACNL SW+)

SW- ~1800-2100 LT

~~LOTS OF AS~~

$\sum pcn._L = 1.76''$ / $\sum pcn._S = 3.0''$

SUN. JAN 26, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 22 °F	Dir. W	Temp. 72 °F	S- 1330-2330 LT OCNL S (2000-2300 LT) MIN TMP OCRD ~ 0300 LT		
Min. 13 °F	Vel. 14 m.p.h.	Read. 29.07 in.			
Set 19 °F	Char. VAR.	Corr. 28.94 in.			
R.H. 74 %	24 hr. Mov. 21.5 mi.	Sea L. 30.39 in.	0700	1300	1900
Ppn. Liq. 0.12 in.	Prev. Dir. SW	3 hr. Tend. +4.0 / mb	Clds. 10/10	Clds.	Clds.
Ppn. Sol. 1.8 in.	Snow Depth 1 in.	Observer SC	Wx SW-	Wx	Wx
			Vis. 1 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 18$

$H_{DD} = 47$

$\Sigma H_{DD} = 956$

$\Sigma P_{CN(L)} = 1.88$

$\Sigma P_{CN(S)} = 4.8$

$T_{d\ UNN} = 12$

$T_{d\ RNNS} = 7$

Monday January 27 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 29 °F	Dir. S	Temp. 72 °F	• [redacted] 1930 ar
Min. 16 °F	Vel. 3 m.p.h.	Read. 29.20 in.	
Set 16 °F	Char. Very light Vr	Corr. 29.07 in.	
R.H. 81 %	24 hr. Mov. 37 mi.	Sea L. 30.54 in.	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. -1 mb	
Ppn. Sol. T in.	Snow Depth 1 in.	Observer JCK	

0700	1300	1900
Clds. 7/10 clouds mostly stratus	Clds.	Clds.
Wx • Mostly cloudy	Wx	Wx
Vis. 15 mi.	Vis. mi.	Vis. mi.

$T_{min} = 18$ $\bar{T} = 23$ $\Sigma D_{CN_2} = 1.88$

$T_w = —$ $HDD = 42$ $\Sigma D_{CN_3} = 4.8$

$T_{max} = 13$ $\Sigma HDD = 998$

Tuesday, January 28, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. –	Temp. 72 °F	OVNGT. LO ~ 23°		
Min. 16 °F	Vel. 0 m.p.h.	Read. 29.13 in.			
Set 23 °F	Char. 'CALM'	Corr. 29.00 in.			
			0700	1300	1900
R.H. 85 %	24 hr. Mov. 44.9 mi.	Sea L. 30.45 in.	Clds. – 8/10 AC (BKN)	Clds.	Clds.
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. '0' mb	Wx CLOUDS, FOG	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth 1 in.	Observer CPB	Vis. 2.4FH mi.	Vis. mi.	Vis. mi.

$\bar{T} = 26$

$H_{DD} = 39$

$Td_{UNV} = 20°$

$Td_{RAYOS} = 15°$

$\sum \rho_{CN.L} = 1.88$; $\sum \rho_{CN.S} = 4.8$

$\sum H_{DD} = 1037$; $\sum C_{DD} = 0'$

Wed. Jan 29, 1992 — 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. WSW	Temp. 73 °F			
Min. 23 °F	Vel. 6 m.p.h.	Read. 29.07 in.	* James has 0 for all wind! OVNT LOW = 24		
Set 27 °F	Char. light	Corr. 28.94 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. * mi.	Sea L. 30.37 in.	Clds. 10/10	Clds.	Clds.
Ppn. — Liq. in.	Prev. Dir. *	3 hr. Tend. V 0 mb	Wx Foggy	Wx	Wx
Ppn. — Sol. in.	Snow Depth 1 in.	Observer LAM	Vis. 4 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 25$ $T_{pramos} = 19$

$T = 29$ $T_{DUNV} = 20$

$H_{DD} = 36$

$\Sigma H_{DD} \neq 073$

$\Sigma_{PPNL} = 1.88$

$\Sigma_{PPNS} = 4.8$

Thursday, Jan 30 1992 — 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. WSW	Temp. 72 °F			
Min. 20 °F	Vel. 2 m.p.h.	Read. 28.83 in.			
Set 23 °F	Char. VERY LIGHT	Corr. 28.70 in.	0700	1300	1900
R.H. 88 %	24 hr. Mov. 34.3 mi.	Sea L. 30.13 in.	Clds. 4/10	Clds.	Clds.
Ppn. — Liq. in.	Prev. Dir. W	3 hr. Tend. \-1 mb	Wx Partly Cloudy	Wx	Wx
Ppn. — Sol. in.	Snow Depth T in.	Observer LAM	Vis. 3 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 21$ $T_{Dramos} = 16$

$\overline{T} = 30$ $T_{D\,conv} = 18$

$4_{DD} = 35$

$\Sigma H_{DD} = 1108$

$\Sigma_{ppN_L} = 1.88$

$\Sigma_{ppN_S} = 4.8$

Friday January 31 1992 — 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 43 °F	Dir. WSW	Temp. 72 °F	• RW - 1750 - 1930 LT
Min. 23* °F	Vel. 3 m.p.h.	Read. 28.61 in.	
Set 34 °F	Char. Light +	Corr. 28.38 in.	* overt Low: 34
R.H. 66 %	24 hr. Mov. 71 mi.	Sea L. 29.76 in.	
Ppn. Liq. .03 in.	Prev. Dir. WSW	3 hr. Tend. ±0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JCK	

0700	1300	1900
Clds. 10/10 stratus	Clds.	Clds.
Wx •Ove	Wx	Wx
Vis. 10 mi.	Vis. mi.	Vis. mi.

$T_{avg} = 33$ $\quad \bar{T} = 33$ $\quad \Sigma P\omega_w = 1.91"$

$T_w = \text{——}$ $\quad HDD = 32$ $\quad \Sigma P\omega_e = 4.8"$

$T_{dew} = 28$ $\quad \Sigma HDD = 1140$