

Sunday November 1, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.				
Max.	41 °F	Dir.	NW	Temp.	f- ≈ 700 - 900 LT fog in valley E and along Tussey ridge				
				70 °F					
Min.	35 °F	Vel.	8 m.p.h.	Read.				29.04 in.	
Set	36 °F	Char.	breezy	Corr.	28.92 in.	0700	1300	1900	
R.H.	72 %	24 hr. Mov.	40 mi.	Sea L.	30.33 in.	Clds.	10/10	Clds.	10/10
Ppn.	T in.	Prev. Dir.	NE	3 hr. Tend.	+1.8 / mb	Wx	cold, cloudy	Wx	R-
Ppn.	0 in.	Snow Depth	- in.	Observer	MHB	Vis.	15 mi.	Vis.	7 mi.

$$T_{\text{roof}} = 36$$

$$T_w = 33$$

$$T_d = 28$$

$$T_{d \text{ Ramos}} = 26$$

$$T_{d \text{ UVV}} = 27$$

$$\bar{T} = 38$$

$$HOD = 27$$

$$\sum HOD = 27$$

$$\sum CDD = 0$$

$$\textcircled{\bullet} \sum \text{pen}_L = T$$

$$\sum \text{pen}_S = 0$$

MONDAY NOV. 8, 1992

0700 EST

Meteorology
University Park, PA

General Obs.

Temp.		Wind		Barom.		R-~0400-OBS		
Max.	41 °F	Dir.	E	Temp.	71 °F			
Min.	35 °F	Vel.	6 m.p.h.	Read.	28.96 in.			
Set	37 °F	Char.	VAR	Corr.	28.84 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov.	68.2 mi.	Sea L.	30.24 in.	Clds.	Clds.	Clds.
Ppn.	.20 in.	Prev. Dir.	E	3 hr. Tend.	±0 mb	10/10	19/10 NS	19/10 NS
Ppn.	- in.	Snow Depth	- in.	Observer	SC	Wx	Wx	Wx
						R-F	Light rain, fog, cool	Very Light Rain, Fog, Breezy
						Vis.	Vis.	Vis.
						5 mi.	5 mi.	2 mi.

$$HOD = 27$$

$$\Sigma HOD = 54$$

$$\Sigma COD = 0$$

$$\Sigma PCN_2 = .20"$$

$$\Sigma PCN_3 = 0$$

$$T_{ROOF} = 37$$

$$T_{dwn} = 33$$

$$T_{deomos} = 30$$

$$T_{wROOF} =$$

Tuesday, November 3, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	51 °F	Dir.	—	Temp.	66 °F	* OVERNIGHT low ~ 42 - dense GF ALL GRNTS, most of Tussey Ridge observed, very top Mt. Nittany visible @ obs FAT R-, L- 0800 ~ 1700 LT PEN MSTLY VRY LFT R-, OCNL R 1700 ~ 0300 LT RW+ 0005 LT, F+ 0450-065			
Min.	37 °F	Vel.	0 m.p.h.	Read.	28.84 in.				
Set	42 °F	Char.	Calm	Corr.	28.73 in.				
R.H.	96 %	24 hr. Mov.	127.5 mi.	Sea L.	30.11 in.	Clds.	0/10	Clds.	0/10
Ppn.	.94 in.	Prev. Dir.	E	3 hr. Tend.	+2.25 mb	Wx	Clear, Cool, Dense Ground Fog	Wx	Wx Cool + clear
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Vis.	1/4 v. 1/2 mi.	Vis.	15 mi.

$\bar{T} = 44$
HDD = 21
 $\Sigma HDD = 75$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 1.14''$
 $\Sigma PCN_S = 0$

$T_{ROOF} = 41$ $T_w = 40.5$ $T_D = 40$
 $T_{OUNN} = 41$
 $T_{ORAMOS} = 39$

Wednesday, 04 November 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.	64 °F	Dir.	SE	Temp.	72 °F	- haze in valley E and along Tussey Ridge * OVRNT LO ~ 48			
Min.	42* °F	Vel.	9415 m.p.h.	Read.	28.72 in.				
Set	53 °F	Char.	gusty	Corr.	28.59 in.				
R.H.	63 %	24 hr. Mov.	83 mi.	Sea L.	29.93 in.	Clds.	5/10 CS	Clds.	4/10 ST
Ppn.	— in.	Prev. Dir.	S	3 hr. Tend.	-2 \ mb	Wx	hazy, sun, gusty winds	Wx	Wx mild, lt winds
Ppn.	— in.	Snow Depth	— in.	Observer	MHB	Vis.	20 mi.	Vis.	15 mi.

$$T_{\text{roof}} = 53$$

$$T_w = 47$$

$$T_d = 41$$

$$T_{d\text{Rains}} = 42$$

$$T_{d\text{unv}} = 42$$

$$\bar{T} = 53$$

$$\text{HDD} = 12$$

$$\sum \text{HDD} = 87$$

$$\sum \text{CDD} = 0$$

$$\sum \text{pen}_L = 1.14 \text{ ''}$$

$$\sum \text{pen}_S = 0$$

$\bar{T} = 50$
 $HDD = 15$
 $\Sigma HDD = 102$
 $\Sigma CDD = 0$
 $\Sigma PCN_e = 1.14''$
 $\Sigma PCN_s = 0$

$T_{roof} = 37$ $T_w = 32.5$ $T_D = 25$
 $T_{Ouni} = 28$
 $T_{Ormos} = 26$

Friday November 6, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F	Dir. NW	Temp. 77 °F	L- 1145-1330 LT R- 1330-1630 LT (OCNL R) IP- 1630-1700 LT 1750-1810 LT (OVER)			
Min. 34 °F	Vel. 6 m.p.h.	Read. 28.87 in.	0700	1300	1900	
Set 35 °F	Char. GUSTS TO 12	Corr. 28.63 in.				
R.H. 82 %	24 hr. Mov. 89.4 mi.	Sea L. 30.03 in.	Clds. -10/AC -10/SC	Clds. 10/2 layers 10/2 layers 5% 10/2 layers 50%	Clds.	
Ppn. Liq. 0.37 in.	Prev. Dir. W	3 hr. Tend. +2.0 / mb	Wx CLOUDY, RAW	Wx -Dve -windy	Wx	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer CPB	Vis. 6 mi.	Vis. 20 mi.	Vis. mi.	

$$\bar{T} = 39$$

$$H_{\text{DD}} = 26$$

$$\sum H_{\text{DD}} = 128$$

$$\sum C_{\text{DD}} = 0$$

$$\sum \text{PPM}_L = 1.51''$$

$$\sum \text{PPM}_S = T$$

$$T_{\text{roof}} = 34$$

$$T_w = 32$$

$$T_d = 29$$

$$T_{d_{mv}} = 30$$

$$T_{d_{PMIS}} = 27$$

R-S-IP 1810-1900 LT

R-S- 1900-2030 LT

Saturday Nov. 7, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 40 °F		Dir. NW		Temp. 74 °F	RW-IP- (brief) ~ 0900 LT		
Min. 34 °F		Vel. 4 m.p.h.		Read. 29.10 in.	RW-IP-SW- ~ 1530 LT		
Set 34		Char. "LIGHT"		Corr. 28.97 in.	0700	1300	1900
R.H. 72 %		24 hr. Mov. 8.5 mi.		Sea L. 30.38 in.	Clds. -10/10 ovc.	Clds.	Clds. 5/10 AS
Ppn. 4 in.	Liq.	Prev. Dir. NW		3 hr. Tend. +2.0/mb	Wx 'FLAKY'	Wx	Wx Chilly & breezy
Ppn. in.	Sol.	Snow Depth 0 in.		Observer CPB	Vis. 6 mi.	Vis. mi.	Vis. 15 mi.

$$\bar{T} = 37$$

$$H_{D\rightarrow} = 28$$

$$\sum C_{D\rightarrow} = 0$$

$$\sum H_{D\rightarrow} = 156$$

$$T_{\text{roof}} = 24$$

$$T_w = 31$$

$$T_d = 26$$

$$T_{d,w} = 23$$

$$T_{d,w} = 21$$

$$\sum \text{ppn}_L = 1.51''$$

$$\sum \text{ppn}_S = T$$

Sunday, 08 November 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. NW	Temp. 75 °F	OCNL flurries obs, 1500 LT ^{7m} fog in valley E and at base of Mt. Victory		
Min.	25 °F	Vel. 2 m.p.h.	Read. 29.16 in.	haze along Tussey Ridge		
Set	26 °F	Char. very light	Corr. 29.02 in.	0700	1300	1900
R.H.	82 %	24 hr. Mov. 29 mi.	Sea L. 30.47 in.	Clds. 3/10 CS	Clds.	Clds. 0/10
Ppn.	0 T in.	Prev. Dir. NE	3 hr. Tend. +2/ mb	Wx Cold, light winds	Wx	Wx Clear Cold °
Ppn.	T in.	Snow Depth 0 in.	Observer MHB	Vis. 25 mi.	Vis. 0 mi.	Vis. 20 mi.

$$T_{\text{roof}} = 24$$

$$T_{\text{W}} = 22$$

$$T_{\text{d}} = 19$$

$$T_{\text{d Rames}} = 16$$

$$T_{\text{d UNV}} = 18$$

$$\bar{T} = 32$$

$$HDD = 33$$

$$\sum HDD = 189$$

$$\sum CDD = 0$$

$$\sum PCN_L = 1.51''$$

$$\sum PCN_S = T$$

MONDAY NOV. 9, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp.	HARD FROST					
41 °F	-	77 °F						
Min.	Vel.	Read.						
22 °F	0 m.p.h.	29.36 in.						
Set	Char.	Corr.				0700	1300	1900
22 °F	Calm	29.22 in.						
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.			
84 %	24.7 mi.	30.68 in.	1/10	10/10 Ac	BKN			
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx		
-	in.	W	+2/ mb	SUNNY	Cloudy & Cold Brighter to S	Mostly Cloudy + Cold		
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.		
-	in.	- in.	SC	15 mi.	25 mi.	10 mi.		

$$\bar{T} = 32$$

$$HOD = 33$$

$$\Sigma HOD = 222$$

$$\Sigma CPO = 0$$

$$\Sigma PPN_2 = 1.51''$$

$$\Sigma PPN_5 = T$$

$$T_{unv} = 21$$

$$T_{ovv} = 18$$

$$T_{roof} = 21$$

$$T_{oramos} = 15$$

$$\begin{aligned} \bar{T} &= 32 \\ HDD &= 33 \\ \Sigma HDD &= 255 \\ \Sigma CDD &= 0 \\ \Sigma PCN_L &= 1.51'' \\ \Sigma PCN_S &= T \end{aligned}$$

$$T_{\text{roof}} = 34 \quad T_w = 31$$

$$\begin{aligned} T_D &= 26 \\ T_{\text{down}} &= 26 \\ T_{\text{downs}} &= 24 \end{aligned}$$

Wednesday, 11 November 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. SW		Temp. 75 °F	OCNL RW -- ~1900, ~2300LT RW - 0210-0415LT		
Min. * 33 °F	Vel. 3 m.p.h.		Read. 29.04 in.	Fog in valley E, Haze along Tussey Ridge		
Set 43 °F	Char. light		Corr. 28.90 in.	* OVRNT LG 242 MIN OVRD AFTER OBS		
				0700	1300	1900
R.H. 62 %	24 hr. Mov. 109 mi.		Sea L. 30.29 in.	Clds. 10/10 St	Clds. 10/10 Sc	Clds. 10/10 Ns
Ppn. Liq. .03 in.	Prev. Dir. S		3 hr. Tend. +0 v mb	Wx gray and mild	Wx gray light breeze	Wx Light Rain + Some Fog
Ppn. Sol. 0 in.	Snow Depth 0 in.		Observer MHB	Vis. 15 mi.	Vis. 20 mi.	Vis. 3 mi.

$$T_{\text{roof}} = 42 \quad T_d = 30$$

$$T_w = 37$$

$$T_{d \text{ Ramos}} = 31$$

$$T_{d \text{ UNV}} = 34$$

$$\bar{T} = 42$$

$$HDD = 23$$

$$\Sigma HDD = 278$$

$$\Sigma CDD = 0$$

$$\Sigma \text{pen}_L = 1.54'$$

$$\Sigma \text{pen}_S = T$$

Thursday, November 12, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.		Dir.			Temp.	* overnight low ~ 48					
54	°F	-			76	RW - 1000 LT					
Min.	*	Vel.			Read.	R-, L- 1730 ~ 0400 LT					
43	°F	0	m.p.h.		28.85						
Set		Char.			Corr.	0700			1300		1900
50	°F	Calm			28.71						
R.H.		24 hr. Mov.			Sea L.	Clds.		Clds.		Clds.	
83	%	34.1	mi.		30.06	10/10 ovc ST 10/10 SCT CU		9/10 CU		10/10 ovc	
Ppn.	Liq.	Prev. Dir.			3 hr. Tend.	Wx		Wx		Wx	
.26	in.	SW			-1.5	Overcast E Mild		SUNNY BRAX'S, HABY		WINDY w/ HNY. RAIN	
Ppn.	Sol.	Snow Depth			Observer	Vis.		Vis.		Vis.	
0	in.	0	in.		HDS	7 mi.		8 mi.		SRF mi.	

$T = 49$
 $HDD = 16$
 $\Sigma HDD = 294$
 $\Sigma CDD = 0$
 $\Sigma PCN_L = 1.80''$
 $\Sigma PCN_S = T$

$T_{roof} = 50$ $T_w = 47.5$ $T_o = 45$
 $T_{down} = 46$
 $T_{frames} = 46$

Friday Nov. 13, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. WNW	Temp. 75 °F	RW-1605-1730 LT			
Min. 37 °F	Vel. 20 m.p.h.	Read. 20.68 in.	R-(OCNL R) 1730-1845 LT			
Set 37 °F	Char. 'GUSTY'	Corr. 28.56 in.	R(OCNL R+) 1845-2045 LT			
R.H. 48 %	24 hr. Mov. 306.1 mi.	Sea L. 29.94 in.	0700	1300	1900	(over)
Ppn. 0.79 in.	Liq.	Prev. Dir. S	3 hr. Tend. +3.0/mb	Wx PARTLY SUNNY	Wx - - wind - bright sun	Wx CLEAR
Ppn. 0 in.	Sol.	Snow Depth 0 in.	Observer CPB	Vis. 16 mi.	Vis. 30 mi.	Vis. 20 mi.

$$\bar{T} = 49$$

$$H_{\text{exp}} = 16$$

$$\sum C_{\text{exp}} = 0$$

$$\sum H_{\text{exp}} = 310$$

$$T_{\text{roof}} = 36$$

$$T_d = 18$$

$$T_w = 30$$

$$T_d \text{ RAIN} = 22$$

$$T_d \text{ UNV} = 24$$

$$* \text{ RAINFALL} = .53" @ 1950 \text{ LT}$$

$$\sum \text{PPN}_L = 2.59" / \sum \text{PPN}_S = T$$

R+ 2243-46 LT

2030 LT = 64 mph gust

2235 LT = 65 mph gust

R- 2045-2320 LT

* FROPA ~ 2245 LT

Saturday Nov. 14, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.							
Max.		°F	Dir.		Temp.		SW - ~ 0200 - 0600 LT - PATCHY DUSTING ACCUM. ON 'SELECT' GRASSY AREAS							
44			W		76	°F								
Min.		°F	Vel.	m.p.h.	Read.					28.98	in.			
27			10		Set		27	°F	Char.		Corr.		28.84	in.
27			"GWSTY"											
R.H.		%	24 hr. Mov.	mi.	Sea L.		Clas.		Clas.		Clas.			
63			169.7		30.27		-4/10 (SC)				0/10			
Ppn.	Liq.	in.	Prev. Dir.		3 hr. Tend.		Wx		Wx		Wx			
T			SW		+1.0	mb	PARTLY SUNNY				clear & cold			
Ppn.	Sol.	in.	Snow Depth	in.	Observer		Vis.		Vis.		Vis.			
T			0		CPB		25	mi.			15		mi.	

$$\bar{T} = 36$$

$$H_{\gg} = 29$$

$$\sum C_{\gg} = 0$$

$$\sum H_{\gg} = 339$$

$$T_{\text{root}} = 27$$

$$T_w = N/A$$

$$T_{d_{\text{NW}}} = 16$$

$$T_{d_{\text{Ramos}}} = 14$$

$$\sum \text{PAN}_L = 2.59'' \quad \sum \text{PAN}_S = T$$

Sunday, 15 November 1992 700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 36 °F	Dir. SW-W	Temp. 76 °F	fog in Penns Valley haze along Tussey Ridge clouds moving in quickly					
Min. 24 °F	Vel. 7 m.p.h.	Read. 28.95 in.						
Set 25 °F	Char. steady	Corr. 28.81 in.				0700	1300	1900
R.H. 88 %	24 hr. Mov. 84 mi.	Sea L. 3025 in.	Clds. -5/10 St	Clds.	Clds. 3/10			
Ppn. 0 in.	Liq. in.	Prev. Dir. SW	3 hr. Tend. +1 mb	Wx light wnds, foggy, hazy	Wx	Wx VARIABLE		
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer MHB	Vis. 20 mi.	Vis. mi.	Vis. 15 mi.		

$$T_{\text{roof}} = 24$$

$$T_w = 23$$

$$T_d = 21$$

$$T_{\text{dunv}} = 19$$

$$T_{\text{d Rans}} = 17$$

$$\bar{T} = 30$$

$$HDO = 25$$

$$\sum HDO = 364$$

$$\sum CDO = 0$$

$$\sum pcn_L = 2.59''$$

$$\sum pcn_S = T$$

MONDAY, NOVEMBER 16, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	33 °F	Dir.	-	Temp.	76 °F	LOTS O' FROST SW - 830 LT - INTERMITTENT SW - LATE MORNING/ AFTERNOON (LEFT DUSTING ON GROUND)			
Min.	21 °F	Vel.	- m.p.h.	Read.	29.23 in.				
Set	22 °F	Char.	Calm	Corr.	29.09 in.				
						0700	1300	1900	
R.H.	77 %	24 hr. Mov.	91.3 mi.	Sea L.	30.54 in.	Clds.	-210	Clds. -6 BKN CI, CS -10 SCT CU	Clds. SCT
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+1 / mb	Wx	CLC	Wx Thin Cloudiness Cold	Wx Calm & Cold
Ppn.	T in.	Snow Depth	- in.	Observer	SC	Vis.	25 mi.	Vis.	25 mi.
						Vis.	25 mi.	Vis.	15 mi.

$$\bar{T} = 27$$

$$HDD = 38$$

$$\Sigma HDD = 402$$

$$\Sigma APN_L = 2.59''$$

$$\Sigma APN_S = T$$

$$\Sigma COD = 0$$

$$T_{ROOF} = 21$$

$$T_{DROOF} = 14$$

$$T_{WV} = 21$$

$$T_{OVNS} = 16$$

Tuesday, November 17, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	35 °F	Dir.	—	Temp.	71 °F	* overnight low ~ 30 @ 2000 LT, air slowly warmed through night		
Min.	22 °F	Vel.	0 m.p.h.	Read.	28.91 in.			
Set	34 °F	Char.	Calm	Corr.	28.79 in.			
						0700	1300	1900
R.H.	50 %	24 hr. Mov.	74.2 mi.	Sea L.	30.19 in.	Clds.	Clds.	Clds.
						9 Ac, As 10 Few Breaks Sc		10 ST
Ppn.	0 in.	Prev. Dir.	S	3 hr. Tend.	-0.75 mb	Wx	Wx	Wx
						Mostly Overcast & chilly		damp, cldy hazy, mild
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Vis.	Vis.	Vis.
						25 mi.	mi.	10 mi.

$$\begin{aligned}\bar{T} &= 29 \\ HOD &= 36 \\ \Sigma HOD &= 438 \\ \Sigma CDD &= 0 \\ \Sigma RNC &= 2.59'' \\ \Sigma RNS &= T\end{aligned}$$

$$T_{roof} = 33 \quad T_w = 27 \quad T_o = 16.5$$

$$T_{down} = 18$$

$$T_{drains} = 16$$

Wednesday, 18 Nov 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	46 °F	Dir. N-NE	Temp. 72 °F	RW- 1425-1700 LT 630-645 LT		
Min.	34* °F	Vel. 5 m.p.h.	Read. 29.00 in.	OCNL L- 1700-1900 LT and OVERT		
Set	38 °F	Char. gusty	Corr. 28.87 in.	* overnight low: 38°		
				0700	1200	1900
R.H.	93 %	24 hr. Mov. 19 mi.	Sea L. 30.27 in.	Clds. 10/10 St	Clds. X	Clds. OVC
Ppn.	.03 in.	Prev. Dir. SW	3 hr. Tend. +1.9/mb	Wx foggy, rainy dreary	Wx FOG	Wx Fog, cold, gusty lgt wind
Ppn.	0 in.	Snow Depth 0 in.	Observer MHB	Vis. 1/4 ~ 1/2 mi.	Vis. 1/8 ~ 1/4 mi.	Vis. 2 mi.

$$T_{\text{roof}} = 38$$

$$T_w = 37$$

$$T_d = 36$$

$$T_{\text{down}} = 34$$

$$T_{\text{RAMOS}} = 34$$

$$\bar{T} = 40$$

$$HDD = 25$$

$$\sum HDD = 463$$

$$\sum CDD = 0$$

$$\sum \text{pen}_L = 2.62''$$

$$\sum \text{pen}_3 = T$$

Thursday, November 19, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. NE	Temp. 74 °F	L- 0700~0800 LT Brief L- ~1600 LT		
Min.	34 °F	Vel. 1-2 m.p.h.	Read. 29.20 in.			
Set	34 °F	Char. very light	Corr. 29.07 in.			
R.H.	85 %	24 hr. Mov. 19.7 mi.	Sea L. 30.49 in.	Clds. 10/10 St	Clds. 10/10	Clds.
Ppn.	Liq. T in.	Prev. Dir. N	3 hr. Tend. +1.25/mb	Wx Grey skies, Fog, Cold	Wx Grey skies Fog, Cold	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 4 mi.	Vis. 5 mi.	Vis. mi.

$\bar{T} = 36$
HOD = 29
 $\Sigma HOD = 492$
 $\Sigma COD = 0$
 $\Sigma PCN_L = 2.62''$
 $\Sigma PCN_S = T$

$T_{roof} = 33$

$T_w = 31.5$

$T_D = 29$

$T_{ounv} = 29$

$T_{oramos} = 28$

Friday Nov. 20, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 38 °F	Dir. -	Temp. 73 °F	S-L- 1225-1300 LT				
Min. 33 °F	Vel. 0 m.p.h.	Read. 29.48 in.	BRIEF SW - ~ 1305 LT				
Sea 35 °F	Char. CALM	Corr. 29.35 in.	0700	1300	1900		
R.H. 55 %	24 hr. Mov. 23.2 mi.	Sea L. 30.58 in.	Clds. -10/10	Clds.	Clds.		
Ppn. T in.	Liq. E	Prev. Dir.	3 hr. Tend. +1.0 mb	Wx CHILLY OVERCAST	Wx	Wx	
Ppn. T in.	Sol.	Snow Depth 0 in.	Observer CPB	Vis. 6 mi.	Vis. mi.	Vis. mi.	

$$\bar{T} = 36$$

$$H_{DD} = 29$$

$$\sum C_{DD} = 0$$

$$\sum H_{DD} = 521$$

$$\sum \text{ppn.}_L = 2.62'' \quad / \quad \sum \text{ppn.}_S = T$$

$$T_{\text{roof}} = 35$$

$$T_w = 30$$

$$T_d = 21$$

$$T_{d_{\text{RANKS}}} = 20$$

$$* T_{d_{\text{NWV}}} = 23$$

* NWV and SCE
Temp SAME

Saturday Nov. 21, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	43 °F	Dir.	S	Temp.	74 °F	* FRI. MAX. TEMP ~ 37° TEMPS. RISEN ONGT.			
Min.	35 °F	Vel.	7 m.p.h.	Read.	29.11 in.	L-- 0630-obs (3 SPRINKLES)			
Set	43 °F	Char.	GUSTS TO 14	Corr.	-28.98 in.	0700	1300	1900	
R.H.	86 %	24 hr. Mov.	100.0 mi.	Sea L.	30.37 in.	Clds.	- 10/10 ovc.	Clds.	Clds. 6/10 ovc
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	-2.0 mb	Wx	CLOUDY w./SPRINKLES	Wx	Wx cold, damp misty
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPB	Vis.	4L-F mi.	Vis.	4L-F mi.

$$\bar{T} = 39$$

$$H_{\rightarrow} = 26$$

$$\sum C_{\rightarrow} = 0$$

$$\sum H_{\rightarrow} = 547$$

$$T_{\text{roof}} = 43$$

$$T_w = 41$$

$$T_d = 39$$

$$T_{d_{\text{npv}}} = 36$$

$$T_{d_{\text{RAMOS}}} = 35$$

$$\sum PPN_L = 2.62'' / \sum PPN_S = T$$

Sunday, 22 November 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	52 °F	Dir.	—	Temp.	75 °F	RW-, R, OCNL RW-- (L-) (SAT) OBS - 1930 LT		
Min.	43* °F	Vel.	0 m.p.h.	Read.	28.77 in.	L- OCNL RW-0200 - OBS		
Set	51 °F	Char.	Calm	Corr.	28.64 in.	*overnight low: 48°		
R.H.	87 %	24 hr. Mov.	49 mi.	Sea L.	29.99 in.	0700	1300	1900
Ppn.	.67 in.	Prev. Dir.	SW	3 hr. Tend.	+0 — mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	MHB	10/10 St	Wx	Wx For
						Wx	light drizzle, damp, foggy	WARM, DRIZZLE
						Vis.	Vis.	Vis.
						1/2 L-F mi.	mi.	3 mi.

$$T_{\text{roof}} = 51$$

$$T_w = 49$$

$$T_d = 47$$

$$T_{d\text{Ramos}} = 48$$

$$T_{d\text{unv}} = 47$$

$$\bar{T} = 47$$

$$HDD = 18$$

$$\sum HDD = 565$$

$$\sum CDD = 0$$

$$\sum pen_L = 3.29''$$

$$\sum pen_S = T$$

$$T = 57$$

$$H_{00} = 8$$

$$\Sigma H_{00} = 573$$

$$\Sigma C_{00} = 0$$

$$\Sigma PCN_L = 3.56''$$

$$\Sigma PCN_S = T$$

$$T_{roof} = 56$$

$$T_w = 49$$

$$T_o = 43$$

$$T_{annos} = 44$$

$$T_{unv} =$$

Tuesday, November 24, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.			
Max.	*	°F	Dir.		Temp.	°F	- thin fog along base of Tussey Ridge, base of Mt. Nittany, in valley to E RW - ~0745 LT FROPA ~0830 LT MAX T OCCURD AT OBS, 23 ⁰⁰			
56			—		74					
Min.		°F	Vel.	m.p.h.	Read.	in.				
39			0		28.95					
Set		°F	Char.		Corr.	in.				
42			Calm		28.82		0700	1300	1900	
R.H.		%	24 hr. Mov.	mi.	Sea L.	in.	Clds.	Sc	Clds.	Clds.
78			87.5		30.20		9/10		10/10	10/10
Ppn.	Liq.	in.	Prev. Dir.		3 hr. Tend.	mb	Wx		Wx	Wx
.01			W		+2.0		OVC w/breaks E Calm & Cool		BINOVC	BINOVC
Ppn.	Sol.	in.	Snow Depth	in.	Observer		Vis.		Vis.	Vis.
0			0		HDS		20 mi.		20 mi.	15 mi.

$\bar{T} = 48$
HDD = 17
 $\Sigma \text{HDD} = 590$
 $\Sigma \text{CDD} = 0$
 $\Sigma \text{PCN}_L = 3.57''$
 $\Sigma \text{PCN}_S = T$

$T_{\text{roof}} = 43$ $T_w = 40$

$T_D = 36.5$
 $T_{\text{OJNV}} = 39$
 $T_{\text{Ormos}} = 37.4$

Wednesday, 25 Nov 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. S*		Temp. 75 °F	RW - 1545 - 1615		
Min. 42* °F	Vel. 3 m.p.h.		Read. 28.90 in.	RW - 0000 - 2100 - 0000		
Set 48 °F	Char. variable 		Corr. 28.87 in.	* overnight low: 46		
				0700	1300	1900
R.H. 86 %	24 hr. Mov. 48 mi.	Sea L. 30.15 in.	Clds. 10/10 ST	Clds. 10/10 ST	Clds. 10/10 ST	
Ppn. Liq. .36 in.	Prev. Dir. E	3 hr. Tend. +1/ mb	Wx mild, foggy, damp	Wx mild fog - damp	Wx L--	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MHB	Vis. 1 1/2 mi.	Vis. 3 v. 4 mi.	Vis. 2 v 3 mi.	

$$T_{\text{roof}} = 46$$

$$T_w = 44$$

$$T_d = 42$$

$$T_{d \text{ unv}} = 45$$

$$T_{d \text{ Panas}} = 42$$

$$\bar{T} = 47$$

$$HDD = 18$$

$$\Sigma HDD = 608$$

$$\Sigma CDD = 0$$

$$\Sigma pen_L = 3.93''$$

$$\Sigma pen_S = T$$

THURS. NOV. 26, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	52 °F	Dir.	SSW	Temp.	75 °F	OCNL L- 25th + OVRNGT. PCL. VRY LIGHT MIN T OCB0 ~ 2000 LT		
Min.	47 °F	Vel.	0-3 m.p.h.	Read.	28.82 in.			
Set	50 °F	Char.	light	Corr.	28.69 in.			
R.H.	93 %	24 hr. Mov.	30.5 mi.	Sea L.	30.04 in.	0700	1300	1900
						Clds.	Clds.	Clds.
						10/10 ST.	14/10 STRA	SC
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	-1.0mb	Wx	L--F	Wx
							F	Wx
								CLEARING BREEZY
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	JHM	Vis.
								1 1/2 v 2 1/2 mi.
								4 mi.
								JAR E 15 mi.

$$\bar{T} = 50 \quad T_{\text{roof}} = 50 \quad T_w = 49 \quad T_d = 48$$

$$T_{\text{dramos}} = 47$$

$$H_{DD} = 15$$

$$\Sigma H_{DD} = 623$$

$$\Sigma PCN(L) = 3.93''$$

$$(S) = T$$

$$T_{\text{roof}} = 36$$

$$T_w =$$

$$T_d =$$

$$T_{\text{down}} = 27$$

$$T_{\text{down}} = 25$$

$$\bar{T} = 46$$

$$HDD = 19$$

$$\sum HDD = 642$$

$$\sum P_{\text{EN}} = 3.98''$$

$$\sum P_{\text{EN}_s} = T$$

SAT. NOV. 28, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. WSW	Temp. 69 °F			
Min.	36 °F	Vel. 3 m.p.h.	Read. 28.85 in.			
Set	36 °F	Char. light	Corr. 28.73 in.	0700	1300	1900
R.H.	89 %	24 hr. Mov. NA mi.	Sea L. 30.12 in.	Clds. 10/10 ✓	Clds. 10/10 SC	Clds. 10/10 S _c
Ppn.	0 in.	Prev. Dir. NA	3 hr. Tend. +0.5 mb	Wx cool + grey	Wx Dull	Wx Cool, Early winter-ish
Ppn.	0 in.	Snow Depth 0 in.	Observer JHM	Vis. 15 mi.	Vis. 15 mi. JAR	Vis. 15 mi.

$$\bar{T} = 38 \quad T_{\text{roof}} = 34 \quad T_w = 32 \quad T_d = 31$$

$$H_{\text{DD}} = 27$$

$$T_{\text{dmax}} = 29$$

$$T_{\text{dmin}} = 31$$

$$\sum H_{\text{DD}} = 669$$

$$\sum PCN(L) = 3.98''$$

$$(s) = T$$

Sunday November 29 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 41 °F	Dir. WSW	Temp. 69 °F				
Min. 35 °F	Vel. 7 m.p.h.	Read. 28.85 in.				
Set 35 °F	Char. slight variable	Corr. 28.73 in.	0700	1300	1900	
R.H. 66 %	24 hr. Mov. N.A. mi.	Sea L. 30.13 in.	Clds. 10/10 Sc	Clds.	Clds.	
Ppn. Liq. 0 in.	Prev. Dir. N.A.	3 hr. Tend. ±0 mb	Wx : BVC : BUI : MZG	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JKK	Vis. 15 mi.	Vis. mi.	Vis. mi.	

$$T_{\text{roof}} = 34$$

$$T_w =$$

$$T_d =$$

$$T_{\text{downs}} = 24$$

$$T_{\text{down}} = 27$$

$$\bar{T} = 38$$

$$HDD = 27$$

$$\sum HDD = 696$$

$$\sum PCN_L = 3.98''$$

$$\sum PCN_S = T$$

MONDAY, NOV. 20, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.	General Obs.						
Max.		°F	Dir.		Temp.	SW -- 1315 - 1430 LT ~ OCNL SW -- 1600 - 1700 LT						
39			W		70				°F			
Min.		°F	Vel.		Read.							
30			5	m.p.h.	28.82	in.						
Set		°F	Char.		Corr.		0700	1300	1900			
31			VAR		28.70	in.						
R.H.		%	24 hr. Mov.		Sea L.	Clds.	Clds.	Clds.				
69			NA	mi.	30.11	in.	10/10	9/10 SC	BKN			
Ppn.	Liq.	in.	Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx			
T			NA		± 0	mb	OVC	Noticeable Breeze Cold	Mostly Cldy + Cold			
Ppn.	Sol.	in.	Snow Depth		Observer		Vis.	Vis.	Vis.			
T			-	in.	SC		7	mi.	20	mi.	4	mi.

$$\bar{T} = 35$$

$$HDD = 30$$

$$\Sigma HDD = 726$$

$$\Sigma COD = 0$$

$$\Sigma PPN_L = 3.98''$$

$$\Sigma PPN_S = T$$

$$T_{UNV} = 31$$

$$T_{OWN} = 23$$

$$T_{RAMOS} = 29$$

$$T_{ORAMOS} = 20$$