

Thursday October 1, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	51 °F	Dir.	SW	Temp.	66 °F	- haze in valley to E - several contrails			
Min.	37 °F	Vel.	3 m.p.h.	Read.	29.05 in.				
Set	38 °F	Char.	light	Corr.	28.94 in.				
R.H.	82 %	24 hr. Mov.	58.4 mi.	Sea L.	30.34 in.	Clds.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1.07 mb	Wx	- 1/10 St	Wx	- 2/10
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Wx	Sunny & Chilly	Wx	P. CLDY.
						Vis.	30 mi.	Vis.	15 mi.

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

$T_{roof} = 37$     $T_w = 35$     $T_o = 32$   
 $T_{vmm} = 34$   
 $T_{o/mms} = 31$

Friday October 2, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.						
Max.	59 °F	Dir.	WSW	Temp.	66 °F						
Min.	38 °F	Vel.	4 m.p.h.	Read.	28.93 in.						
Set	42 °F	Char.	LIGHT	Corr.	28.82 in.	0700	1300	1900			
R.H.	76 %	24 hr. Mov.	63.0 mi.	Sea L.	30.20 in.	Clds.	- %	Clds.	0% low 110 ft	Clds.	
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	0 mb	Wx	SUNNY, CRISP	Wx	SUNNY SNOWING	Wx	
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPB	Vis.	25 mi.	Vis.	20 mi.	Vis.	mi.

$$\bar{T} = 49$$

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

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

$$\Sigma H_{\text{DD}} = 37$$

$$\Sigma p_{\text{DD}} = 0$$

$$T_{\text{roof}} = 42$$

$$T_w = 39$$

$$T_d = 35$$

$$T_{\text{dun}} = 39$$

$$T_{\text{dams}} = 37$$

Saturday, Oct. 3, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. WSW	Temp. 66 °F	* OVERNITE LO ~ 53°		
Min.	42 °F	Vel. 8 m.p.h.	Read. 28.82 in.			
Set	* 56 °F	Char. STEADY	Corr. 28.71 in.	0700	1300	1900
R.H.	77 %	24 hr. Mov. 108.1 mi.	Sea L. 30.05 in.	Clds. -0/10	Clds.	Clds. CLR
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. +0.61 mb	Wx SUNNY	Wx	Wx light winds mild
Ppn.	0 in.	Snow Depth 0 in.	Observer CPB	Vis. 25 mi.	Vis. mi.	Vis. 15 mi.

$$\bar{T} = 55$$

$$H_{DD} = 10$$

$$\sum H_{DD} = 47$$

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

$$T_{\text{roof}} = 56$$

$$T_w = 49$$

$$T_d = 43$$

$$T_{\text{down}} = 44$$

$$T_{\text{drains}} = 44$$

$$\sum p p n_{.L} = 0$$

Sunday, 4 October 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	73 °F	Dir.	N-NE	Temp.	68 °F	*slight haze over Tussey Ridge and in E		
Min.	53 °F	Vel.	12 m.p.h.	Read.	28.86 in.			
Set	56 °F	Char.	Gusty	Corr.	28.74 in.			
R.H.	67 %	24 hr. Mov.	91 mi.	Sea L.	30.09 in.	0700	1300	1900
Clds.						10/10 AC		9/10
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	+3/mb	Wx		Wx
						cool, gray		M. CLOUDY
Ppn.	0 in.	Snow Depth	0 in.	Observer	MHB	Vis.		Vis.
						15 mi.		15 mi.

$$T_{\text{roof}} = 55$$

$$T_w = 49$$

$$T_d = 44$$

$$T_{d_{uvv}} = 43$$

$$T_{d_{\text{Ramos}}} = 43$$

$$\bar{T} = 63$$

$$HOD = 2$$

$$\sum HOD = 49$$

$$\sum COD = 0$$

$$\sum PCN_e = 0$$



MONDAY OCT. 5, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	59 °F	Dir.	-	Temp.			
				66 °F			
Min.	37 °F	Vel.	0 m.p.h.	Read.			
				29.01 in.			
Set	38 °F	Char.	Calm	Corr.			
				28.90 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov.	55.3 mi.	Sea L.	Clds.	Clds.	Clds.
				30.29 in.	1/10	1/10	1/10
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	Wx	Wx	Wx
				+1.5/mb	M. Sunny	Clear & Cool	Clear
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	Vis.
-	in.	-	in.	SC	25 mi.	35 mi.	25 mi.

$$\bar{T} = 48$$

$$H_{00} = 17$$

$$\Sigma H_{00} = 66$$

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

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

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

$$T_D = 32$$

$$T_w = 35$$

Tuesday, October 6, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	57 °F	Dir.	—	Temp.	69 °F	- Some haze in valley to east - frost on golf course * first sub 32° of season			
Min.	* 31 °F	Vel.	0 m.p.h.	Read.	29.19 in.				
Set	33 °F	Char.	Calm	Corr.	29.07 in.				
R.H.	90 %	24 hr. Mov.	40.6 mi.	Sea L.	30.49 in.	Clds.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	+1.0/mb	Clds.	%	Clds.	
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Wx	Sunny + Chilly	Wx	
						Wx	cool, calm		
						Vis.	30 mi.	Vis.	
						Vis.		mi.	20 mi.

$T = 44$   
 $HDD = 21$   
 $\Sigma HDD = 87$   
 $\Sigma CDD = 0$   
 $\Sigma PCN_L = 0''$

$T_{roof} = 33$     $T_w = 32$     $T_D = 30.5$

$T_{down} = 29$

$T_{frames} = 27$

Wednesday, 7 Oct 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	57 °F	Dir.	—	Temp.	66 °F	* frost on golf course * fog in valley to E and W and along ridge * hazy along horizon			
Min.	32 °F	Vel.	0 m.p.h.	Read.	29.13 in.				
Set	35 °F	Char.	calm	Corr.	29.02 in.				
						0700	1200	1900	
R.H.	82 %	24 hr. Mov.	13 mi.	Sea L.	30.44 in.	Clds.	1/10	Clds.	1/10 Cs
Ppn.	0 in.	Prev. Dir.	S-SW	3 hr. Tend.	+6 mb	Wx	cool, bright	Wx	sl. hazy cool - very
Ppn.	0 in.	Snow Depth	0 in.	Observer	MHB	Vis.	10 mi.	Vis.	20 mi.
						Vis.	20 mi.	Vis.	20 mi.

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

$$T_w = 32$$

$$T_d = 29$$

$$T_d_{\text{Ramos}} = 28$$

$$T_d_{\text{UNV}} = 29$$

$$\bar{T} = 45$$

$$HDD = 20$$

$$\sum HDD = 107$$

$$\sum CDD = 0$$

$$\sum PCN_L = 0''$$

Thursday, October 8, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	62 °F	Dir.	Temp.	- Thick Fog in Valley to E and S, Less Dense Fog along Tussey		
		-	66 °F			
Min.	34 °F	Vel.	Read.			
		0 m.p.h.	29.04 in.			
Set	36 °F	Char.	Corr.	0700	1300	1900
		Calm	28.93 in.			
R.H.	91 %	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
		25.6 mi.	30.34 in.	%		
Ppn.	0 in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		S	+0.75/mb	Areas of Fog, Clear Overhd		
Ppn.	0 in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		0 in.	HDS	2 var. 5 mi.	mi.	mi.

$\bar{T} = 48$   
HDD = 17  
ZHDD = 124  
 $\sum CDD = 0$   
 $\sum PCN_s = 0''$

$T_{roof} = 37$

$T_w = 36$

$T_o = 34.5$

$T_{down} = 32$

$T_{range} = 31$



Friday October 9, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 67 °F	Dir. S	Temp. 70 °F	OVERNIGHT LOW ~ 59				
Min. 36 °F	Vel. 10 m.p.h.	Read. 28.84 in.	R- (w./ocnl R) ~ 0000 LT - obs (INTMT)				
Set 60 °F	Char. GUSTS TO 18	Corr. 28.72 in.	0700	1300	1900		
R.H. 86 %	24 hr. Mov. N/A mi.	Sea L. 30.05 in.	Clds. - 10/10 ok.	Clds. SL 10/10 BRIGHT	Clds.		
Ppn. Liq. 0.15 in.	Prev. Dir. N/A	3 hr. Tend. -2.0 mb	Wx CLOUDY w./SHOWER	Wx R/L END	Wx		
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer CPB	Vis. 2 RW-mi.	Vis. 10 v. 30 mi.	Vis. mi.		

$$\bar{T} = 52$$

$$H_{\text{D}} = 13$$

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

$$\sum H_{\text{D}} = 137$$

$$T_{\text{root}} = 60$$

$$T_w = 59$$

$$T_d = 58$$

$$T_d_{\text{RANGE}} = 5A$$

$$T_d_{\text{NW}} = N/A$$

$$\sum \text{PPV}_L = 0.15''$$

Saturday Oct. 10, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.			
Max.		Dir.			Temp.		R~obs - 1130 LT (w/ OCNL R)			
65	°F	-			71	°F				
Min.		Vel.		Read.						
44	°F	0	m.p.h.	28.88	in.					
Set		Char.		Corr.			0700	1300	1900	
45	°F	CALM		28.76	in.					
R.H.		24 hr. Mov.		Sea L.		Clds.		Clds.	Clds.	
80	%	55.3	mi.	30.13	in.	-4/10	-ci		3/6	
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx	PARTLY	Wx	Wx	
0.11	in.	S		+1.5	mb	SUNNY			little breezy	
Ppn.	Sol.	Snow Depth		Observer		Vis.		Vis.	Vis.	
0	in.	0	in.	CPB		20	mi.		mi.	
									20	mi.

$$\bar{T} = 55$$

$$H_{\gg} = 10$$

$$\sum H_{\gg} = 147$$

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

$$T_{\text{roof}} = 45$$

$$T_w = 42$$

$$T_d = 39$$

$$T_{d_{\text{down}}} = 40$$

$$T_{d_{\text{RANGE}}} = 41$$

$$\sum \text{ppn.L} = 0.26''$$

Sunday, 11 Oct 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. NW-WSW	Temp. 70 °F	* some fog in valley E and W * patchy fog on golf course			
Min. +45 °F	Vel. 8 m.p.h.	Read. 28.61 in.	* skies clearing <del>low</del> * R,R- : ≈ 500 - 800 LT			
Set 51 °F	Char. Susty	Corr. 28.49 in.	* overnight Low: 49			
R.H. 86 %	24 hr. Mov. 54 mi.	Sea L. 29.83 in.	Clds. 9/10 SE	Clds.	Clds.	
Ppn. .11 in.	Liq. Prev. Dir. S	3 hr. Tend. -17 mb	Wx cool	Wx	Wx	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer MHB	Vis. 20 mi.	Vis. mi.	Vis. mi.	

$$T_{\text{roof}} = 50$$

$$T_w = 48$$

$$T_d = 46$$

$$T_{d_{\text{Ramos}}} = 45$$

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

$$\bar{T} = 55$$

$$HDD = 10$$

$$\sum HDD = 157$$

$$\sum CO_2 = 0$$

$$\sum pen_e = .37''$$

Monday Oct. 12, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	58 °F	Dir.	W	Temp.	70 °F	RW- 1330 LT RW- 1500 LT			
Min.	45 °F	Vel.	8 m.p.h.	Read.	28.67 in.				
Set	49 °F	Char.	Steady	Corr.	28.55 in.	0700	1300	1900	
R.H.	74 %	24 hr. Mov.	71.9 mi.	Sea L.	29.90 in.	Clds.	10/10	Clds.	10/10 Sc
								Clds.	4/10 Ac
Ppn.	.04 in.	Prev. Dir.	W	3 hr. Tend.	+0.5/mb	Wx	OVC	Wx	OVC + COOL
								Wx	MSTLY CLR
Ppn.	- in.	Snow Depth	- in.	Observer	SC	Vis.	10 mi.	Vis.	30 mi.
								Vis.	20 mi.

$$T = 52$$

$$HOD = 13$$

$$\Sigma HOD = 170$$

$$\Sigma CDD = 0$$

$$\Sigma PCW_c = .41''$$

$$T_{ann} = 43$$

$$T_{aout} = 48$$

$$T_w = 44$$

$$T_d = 40$$

$$T_{drains} = 40$$



Tuesday, October 13, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir.	NE	Temp.	69 °F	
Min.	40 °F	Vel.	4 m.p.h.	Read.	28.73 in.	
Set	42 °F	Char.	Steady	Corr.	28.61 in.	
R.H.	72 %	24 hr. Mov.	113.4 mi.	Sea L.	29.98 in.	
Ppn.	0 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.75 / mb	
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	
				Vis.	25 mi.	
				Vis.	30 mi.	
				Vis.	20 mi.	
				Clds.	Cs 6/10 Ci	
				Clds.	Few cu 0/10 NE	
				Clds.	<del>0/10</del> -BKN	
				Wx	Clouds & Sun. Cool	
				Wx	SUNNY	
				Wx	calm	

$T = 50$   
 $HDD = 15$   
 $\Sigma HDD = 185$   
 $\Sigma GDD = 0$   
 $\Sigma PCN_e = .41''$

$T_{\text{ranges}} = 40$      $T_w = 36.5$      $T_o = 31.5$   
 $T_{\text{DUNV}} = 31$   
 $T_{\text{ORANGE}} = 29$

Wednesday, 14 October 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F	Dir. NW-SW	Temp. 70 °F	* L- at obs time			
Min. 37 °F	Vel. 3 m.p.h.	Read. 28.90 in.				
Set 41 °F	Char. variable + breezy	Corr. 28.78 in.	0700	1300	1900	
R.H. 76 %	24 hr. Mov. 94 mi.	Sea L. 30.18 in.	Clds. 9/10 CS AS	Clds. 10/10 high Sc	Clds. 8/10	
Ppn. T in.	Prev. Dir. W	3 hr. Tend. to - mb	Wx cool, 1st winds	Wx - brightening - small damp	Wx Misty cldy & cool	
Ppn. 0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer MHB	Vis. 2.5 mi.	Vis. 2.5 mi.	Vis. 4 mi.

$$T_{\text{roof}} = 39$$

$$T_w = 36$$

$$T_d = 32$$

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

$$T_{d \text{ uvv}} = 33$$

$$\bar{T} = 48$$

$$H_{00} = 17$$

$$\sum H_{00} = 202$$

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

$$\sum p_{00} = .41''$$

Thursday, October 15 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. S	Temp. 70 °F	L-, RW- obs - 0900 LT RW- 0900-1045 LT TRW 1030-1040 LT T 1220 LT, 1305 LT TRW- 1310-1320 LT FAT LTECG N+NE, MOV'D SE * Several contrails, fog all QDRNTS			
Min. 40 °F	Vel. 4 m.p.h.	Read. 28.95 in.	0700      1300      1900			
Set 42 °F	Char. light	Corr. 28.83 in.	Clds. -7/10 Ci Es	Clds. *	Clds. -7/10	
R.H. 93 %	24 hr. Mov. 10.2 mi.	Sea L. 30.21 in.	Wx Foggy + Cnd	Wx	Wx Dim Sunshine	
Ppn. Liq. .23 in.	Prev. Dir. NE	3 hr. Tend. +257 mb	Vis. 5 mi.	Vis. mi.	Vis. 10 mi.	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer HDS				

$\bar{T} = 45$   
HDD = 20  
 $\Sigma \text{HDD} = 222$   
 $\Sigma \text{CDD} = 0$   
 $\Sigma \text{PCN}_L = .64''$

$T_{\text{roof}} = 40$     $T_w = 39$     $T_o = 38$   
 $T_{\text{out}} = 40$   
 $T_{\text{RAMS}} = 37$

Friday October 16, 1992 0600 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.				
Max.	77 °F	Dir.	SW	Temp.	71 °F	* OVERNIGHT LOW ~ 49 PATCHY DENSE GROUND FOG - A.M.			
Min.	42 °F	Vel.	3 m.p.h.	Read.	28.80 in.				
Set	51 °F	Char.	LIGHT	Corr.	28.68 in.				
R.H.	93 %	24 hr. Mov.	57.2 mi.	Sea L.	30.03 in.	Clds.	0000	1300	1900
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	2.07 mb	Clds.	-5/10 - Ci.		
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPS	Wx	PARTLY SUNNY	Wx	Wx windy cloudy
						Vis.	2.4 F mi.	Vis.	mi. E 10 mi.

$$\bar{T} = 50$$

$$H_{\text{avg}} = 15$$

$$\sum H_{\text{avg}} = 237$$

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

$$\sum \text{ppm}_L = .64''$$

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

$$T_w = 50$$

$$T_d = 49$$

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

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



Saturday October 17 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.			
Max.	Dir.	Temp.	<ul style="list-style-type: none"> <li>• Drop 1420 LT</li> <li>• RW - 1440 - 1450</li> <li>• RW - 1455 - 1535</li> <li>• Freq. Gusts 40 mph 1918</li> <li>• RW - 1915 LT (PROP)</li> <li>16°F TEMP. DROP 1915 → 2030 LT</li> </ul>				
70 °F	WNW	71 °F					
Min.	Vel.	Read.					
37 °F	9 m.p.h.	28.98 in.	Set	0700	1300	1900	
40 °F	Chg. 5/2 vno. 2A const	Corr.	R.H.	24 hr. Mov.	Sea L.	Clds.	
		28.86 in.	57 %	203 mi.	30.25 in.	10/10 low 1/10 streak of 60	CLR
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
.08 in.	W	+1 1/2 mb	• 5 mph • over vis. • 2000 windy	• calm	• calm	• calm	
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0 in.	0 in.	JCK	60 mi.			20 mi.	

$$T_{\text{roof}} = 39$$

$$T_w = -$$

$$T_d = -$$

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

$$T_{\text{low}} = 28$$

$$\overline{T} = 55$$

$$HDB = 10$$

$$\sum HDB = 247$$

$$\sum CDB = 0$$

$$\sum f_{\text{on}_L} = .72$$

Sunday, October 18, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	48 °F	Dir.	—	Temp.	74 °F	* frost on golf course * light fog in valley E * sun dimly visible			
Min.	31 °F	Vel.	0 m.p.h.	Read.	29.01 in.				
Set	34 °F	Char.	Calm	Corr.	28.88 in.				
R.H.	75 %	24 hr. Mov.	81 mi.	Sea L.	30.29 in.	Clds.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1 — mb	Clds.	-10/10 CS	Clds.	
Ppn.	0 in.	Snow Depth	0 in.	Observer	MHB	Wx	Calm	Wx	
						Wx		Wx	OVC
						Vis.	35 mi.	Vis.	
						Vis.		Vis.	10 mi.

$$T_{\text{roof}} = 32$$

$$T_w = 29$$

$$T_d = 25$$

$$T_{d \text{ Raines}} = 24$$

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

$$\bar{T} = 40$$

$$HDD = 25$$

$$\sum HDD = 272$$

$$\sum CDD = 0$$

$$\sum p_{\text{cool}} = .72''$$

MONDAY OCT. 19, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	43 °F	Dir.	NW	Temp.	71 °F	RW-1315 to 1700 LT PEN MISTY VRY LGT RW- 0230 LT -			
Min.	32 °F	Vel.	7 m.p.h.	Read.	28.92 in.	RE → SB 0255 LT SE 0320 LT * FIRST FLAKES OF SNOW			
Sea.	33 °F	Char.	VAR	Corr.	28.80 in.	0700	1300	1900	
R.H.	62 %	24 hr. Mov.	46.8 mi.	Sea L.	30.21 in.	Clds.	3/10	Clds.	7/10 Sc
Ppn.	.13 in.	Prev. Dir.	SW	3 hr. Tend.	+4 / mb	Wx	M. CLEAR	Wx	M. Cloudy + FLURRIES
Ppn.	T* in.	Snow Depth	- in.	Observer	SC	Vis.	20 mi.	Vis.	30 mi.
								Vis.	15 mi.

$$\bar{T} = 38$$

$$H_{OD} = 27$$

$$\Sigma H_{OD} = 299$$

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

$$\Sigma PCN_L = .85^{\wedge}$$

$$\Sigma PCN_S = T$$

$$T_{DRAIN} = 25$$

$$T_{ROOF} = 32$$

$$T_{DRAIN} = 23$$

ADDENDUM:

RW - 2145 - 2330 LT  
(INTERMITTENT)

Tuesday, October 20, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	41 °F	Dir.	-	Temp.	74 °F	- fog along base of Tussey Ridge & in valley to E - frost on golf course FAT SW- ~ 1200LT-1305LT			
Min.	24 °F	Vel.	0 m.p.h.	Read.	29.20 in.				
Set	25 °F	Char.	Calm	Corr.	29.07 in.				
R.H.	88 %	24 hr. Mov.	108.8 mi.	Sea L.	30.52 in.	Clds.	Cc - 2/10 Cs	Clds.	Clds. OVC
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+1.5 / mb	Wx	M. Sunny + Cold	Wx	Wx chilly breezy
Ppn.	T in.	Snow Depth	0 in.	Observer	HDS	Vis.	30 mi.	Vis.	15 mi.

$$\begin{aligned}\bar{T} &= 33 \\ HOD &= 32 \\ \Sigma HOD &= 331 \\ \Sigma CDD &= 0 \\ \Sigma PCN_L &= .85'' \\ \Sigma PCN_S &= T\end{aligned}$$

$$\begin{aligned}T_{\text{roof}} &= 25 & T_w &= 24 & T_D &= 22 \\ T_{\text{down}} &= 22 \\ T_{\text{frames}} &= 20\end{aligned}$$



Wednesday, 21 October 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	45 °F	Dir. SE	Temp. 72 °F	R-S-IP- ≈ 2300/20-0000/21		
Min.	25* °F	Vel. 6 m.p.h.	Read. 28.98 in.			
Set	42 °F	Char. breezy	Corr. 28.85 in.	*overnight low 35°		
				0700	1300	1900
R.H.	56 %	24 hr. Mov. 88 mi.	Sea L. 30.24 in.	Clds. 8/10 SC	Clds. 10/10 Sc	Clds. BKN
Ppn.	0.02 in.	Prev. Dir. S	3 hr. Tend. +0.2 mb	Wx Some sun in places E	Wx Varying gust intensities HAZE	Wx Chilly & Calm
Ppn.	T in.	Snow Depth 0 in.	Observer MHB	Vis. 20 mi.	Vis. 10 mi.	Vis. 10 mi.

$$T_{\text{roof}} = 42$$

$$T_w = 36$$

$$T_d = ~~27~~ 27$$

$$T_{d \text{ Ramos}} = 28$$

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

$$\bar{T} = 35$$

$$HDD = 30$$

$$\sum HDD = 361$$

$$\sum CDD = 0$$

$$\sum p_{\text{apr}_L} = .87''$$

$$\sum p_{\text{apr}_S} = T$$

Thursday, October 22, 1992  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	51 °F	Dir.	—	Temp.	76 °F	- Fog/Haze along Tussey Ridge, base of Mt. Nittany, & in valley to E OCNL L-, RW- 0950-1100 LT, 1300 LT							
Min.	31 °F	Vel.	0 m.p.h.	Read.	29.40 in.								
Set	33 °F	Char.	Calm	Corr.	29.26 in.								
						0700	1300	1900					
R.H.	82 %	24 hr. Mov.	51.7 mi.	Sea L.	30.69 in.	Clds.	0/10	Clds.	1/10	Clds.			
Ppn.	.01 in.	Liq.		Prev. Dir.	W	3 hr. Tend.	+3.0/mb	Wx	Chilly, Calm & Clear	Wx	CU	Wx	
Ppn.	0 in.	Sol.		Snow Depth	0 in.	Observer	HDS	Vis.	15 mi.	Vis.	20 mi.	Vis.	

$\bar{T} = 41$   
HDD = 24  
 $\Sigma \text{HDD} = 385$   
 $\Sigma \text{CDD} = 0$   
 $\Sigma \text{PCN}_L = .88''$   
 $\Sigma \text{PCN}_S = T$

$T_{\text{roof}} = 34$     $T_w = 32$     $T_o = 29$   
 $T_{\text{downy}} = 29$   
 $T_{\text{drains}} = 28$

Friday, October 23, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	53 °F	Dir.	-	Temp.	72 °F				
Min.	31 °F	Vel.	0 m.p.h.	Read.	29.27 in.				
Set	31 °F	Char.	CALM	Corr.	29.14 in.	0700	1300	1900	
R.H.	82 %	24 hr. Mov.	16.1 mi.	Sea L.	30.57 in.	Clds.	- 0/10	Clds.	0/10
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	-0.02 mb	Wx	SUNNY	Wx	-AL -Sty
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPB	Vis.	25 mi.	Vis.	15 mi.
						Vis.		Vis.	10 mi.

$$\bar{T} = 42$$

$$H_{\text{DD}} = 23$$

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

$$\sum H_{\text{DD}} = 408$$

$$\sum \text{ppm}_L = 0.88''$$

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

$$T_w = 28$$

$$T_d = 26$$

$$T_{d_{\text{PMOS}}} = 27$$

$$T_{d_{\text{HV}}} = 28$$

Saturday October 24, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	63 °F	Dir.	-	Temp.	72 °F	OVERNIGHT LOW ~ 48°		
Min.	31 °F	Vel.	0 m.p.h.	Read.	28.73 in.			
Set	S3 °F	Char.	CALM	Corr.	28.61 in.	0700	1300	1900
R.H.	S8 %	24 hr. Mov.	51.4 mi.	Sea L.	30.01 in.	Clds. -AL -10/10 -SY	Clds.	Clds. 10 SC
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	-2.01 mb	Wx CLOUDY	Wx	Wx chilly breezy
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPR	Vis.	10 mi.	Vis. 10 mi.

$$\bar{T} = 47$$

$$H_{DD} = 18$$

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

$$\sum H_{DD} = 426$$

$$T_{root} = 53$$

$$T_w = 46$$

$$T_d = 39$$

$$T_{d_{nw}} = 38$$

$$T_{d_{RAMOS}} = 40$$

$$\sum p_{pwL} = 0.88''$$

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Sunday, 25 October 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 62 °F	Dir. NW	Temp. 73 °F			RW 940-943 LT TRW-1455-1525 (BRISPTRW)		
Min. 38 °F	Vel. 10 m.p.h.	Read. 28.79 in.			RW-ocnl R 1500-1530 LT RW-1530-1550, 1610-1630 1550-1610 LT		
Set 39 °F	Char. breezy	Corr. 28.66 in.		0700	1300	1900	
R.H. 67 %	24 hr. Mov. 144 mi.	Sea L. 30.04 in.		Clds. -c; 7/10 SE	Clds.	Clds. d/10	
Ppn. .05 in.	Liq. Prev. Dir. NW	3 hr. Tend. +5 mb		Wx cool, breezy	Wx	Wx M. clear	
Ppn. 0 in.	Sol. Snow Depth — in.	Observer MHB		Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

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

$$T_w = 34$$

$$T_d = ~~28~~ 28$$

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

$$T_{d \text{ UNV}} = 30$$

$$\bar{T} = 50$$

$$HDD = 15$$

$$\sum CDD = 0$$

$$\sum HDD = 441$$

$$\sum PCN_L = 0.93''$$

MONDAY / OCT. 26, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	49 °F	Dir.	NW	Temp.	74 °F	FROST ON GOLF COURSE		
Min.	31 °F	Vel.	5 m.p.h.	Read.	28.70 in.			
Set	33 °F	Char.	Light	Corr.	28.57 in.			
R.H.	85 %	24 hr. Mov.	91.4 mi.	Sea L.	29.97 in.	0700	1300	1900
Ppn.	- in.	Prev. Dir.	NW	3 hr. Tend.	-0.51 mb	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	SC	3/10	Ac 7/10 As	OVC
						Wx	Wx	Wx
						Ci Cs M. Sunny	M. Cloudy & Cool	Breezy & Mild
						Vis.	Vis.	Vis.
						20 mi.	25 mi.	20 mi.

$$\bar{T} = 40$$

$$HOD = 25$$

$$\Sigma HOD = 466$$

$$\Sigma CDO = 0$$

$$\Sigma PPN_1 = 0.93''$$

$$\Sigma PPN_2 = T$$

$$T_{DOWN} = 30$$

$$T_{ORANGE} = 27$$

$$T_{ROOF} = 34$$

Tuesday October 27, 1992  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	61 °F	Dir.	—	Temp.	72 °F	- fog in valley to E & at base of Mt. Nittany Set Temp = OVERT LO			
Min.	33 °F	Vel.	0 m.p.h.	Read.	28.82 in.				
Set	34 °F	Char.	Calm	Corr.	28.69 in.				
						0700	1300	1900	
R.H.	82 %	24 hr. Mov.	120.3 mi.	Sea L.	30.09 in.	Clds.	-1/10 As	Clds.	CLR
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1.75/mb	Wx	Bright Sunshine	Wx	Calm, Cool
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	Vis.	25 mi.	Vis.	15 mi.

$$\begin{aligned}\bar{T} &= 42 \\ \text{HDD} &= 23 \\ \Sigma \text{HDD} &= 489 \\ \Sigma \text{CDD} &= 0 \\ \Sigma \text{PPN}_L &= .93'' \\ \Sigma \text{PPN}_S &= T\end{aligned}$$

$$\begin{aligned}T_{\text{roof}} &= 36 & T_w &= 34 & T_D &= 31 \\ & & & & T_{\text{DOWN}} &= 27 \\ & & & & T_{\text{ORAMOS}} &= 29\end{aligned}$$

Wednesday, 28 October 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 55 °F	Dir. —	Temp. 74 °F	* heavy frost on golf course * fog in valley East				
Min. 28 °F	Vel. 0 m.p.h.	Read. 28.77 in.					
Set 29 °F	Char. calm	Corr. 28.64 in.	0700	1300	1900		
R.H. 92 %	24 hr. Mov. 20 mi.	Sea L. 30.05 in.	Clds. -1/10 st	Clds. 1/10 clear	Clds. 0/10		
Ppn. Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +1.8 mb	Wx cold, calm, hazy	Wx Sunny <del>Sunny</del>	Wx Clear & Cool		
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MHB	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.		

$$T_{\text{roof}} = 30$$

$$T_w = 29$$

$$T_d = 28$$

$$T_{d_{\text{Ramos}}} = 24$$

$$T_{d_{\text{unv}}} = 26$$

$$\bar{T} = 41.5 \approx 42$$

$$H_{00} = 23$$

$$\sum H_{00} = 512$$

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

$$\sum \text{pen}_L = .93''$$

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



Thursday, October 29, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. NW	Temp. 72 °F	*overnight low ~ 40° - some fog along base of Tussey Ridge, fog & haze in valley to E, haze S			
Min. * 29 °F	Vel. 2 m.p.h.	Read. 28.76 in.				
Set 41 °F	Char. Very Light	Corr. 28.63 in.				
			0700	1300	1900	
R.H. 70 %	24 hr. Mov. 22.1 mi.	Sea L. 30.00 in.	Clds. 8/10 AC AS	Clds. 19/10 AS CS	Clds. 10/10	
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. +7.75 mb	Wx M. cloudy & cool	Wx OVC, but bright	Wx some DRIZZLE	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 15 mi.	Vis. 20 mi.	Vis. 10 mi.	

$\bar{T} = 45$   
HDD = 20  
 $\Sigma \text{HDD} = 532$   
 $\Sigma \text{CDD} = 0$   
 $\Sigma \text{PCN}_L = .93''$   
 $\Sigma \text{PCN}_S = T$

$T_{\text{roof}} = 42$     $T_w = 38$     $T_o = 33$   
 $T_{\text{DUNN}} = 35$   
 $T_{\text{frames}} = 34$

Friday October 30, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 58 °F		Dir. NE		Temp. 71 °F	- OVERNIGHT LOW ~ 43		
Min. 41 °F		Vel. 3 m.p.h.		Read. 28.92 in.	OCNL RW - 1530-1800 LT		
Set 45 °F		Char. LIGHT		Corr. 28.80 in.	0700	1300	1900
R.H. 78 %		24 hr. Mov. 38.9 mi.		Sea L. 30.18 in.	Clds. - 10/10	Clds. <sup>Sc</sup> 10/10	Clds. - 10/10
Ppn. T in.	Liq.	Prev. Dir. S		3 hr. Tend. +1.0 mb	Wx CLDY N. / FOG	Wx ovc Haze	Wx DRIZZLE
Ppn. 0 in.	Sol.	Snow Depth 0 in.		Observer CPB	Vis. 2.4 mi.	Vis. 12 mi.	Vis. 6 mi.

$$\bar{T} = 50$$

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

$$\sum H_{\text{DD}} = 547$$

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

$$\sum \text{ppn}_L = 0.93''$$

$$T_{\text{roof}} = 45$$

$$T_w = 42$$

$$T_d = 39$$

$$T_{d_{\text{unw}}} = 39$$

$$T_{d_{\text{RAMOS}}} = 37$$

Saturday October 31, 1972 00 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.								
Max.	46 °F	Dir.	NW	Temp.	OCPL RW-- 1530-1700 LT RW- 1700- obs (w/ PERIODS OF L-) BREF SW - 0535 LT								
				71 °F									
Min.	38 °F	Vel.	4 m.p.h.	Read.				28.97 in.					
Set	38 °F	Char.	'GUSTY'	Corr.	28.86 in.	0700	1300	1900					
R.H.	73 %	24 hr. Mov.	30.9 mi.	Sea L.	30.24 in.	Clds.	- 10/10	Clds.		Clds.	10/10		
Ppn.	.03 in.	Liq.		Prev. Dir.	NE	3 hr. Tend.	+1.0/ mb	Wx	DRIZZLE, FOG		Wx	Wx Foggy, light winds	
Ppn.	T in.	Sol.		Snow Depth	0 in.	Observer	CPB	Vis.	1/2 v. 1 mi.	Vis.		Vis.	10 mi.

$$\bar{T} = 42$$

$$H_{\gg} = 23$$

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

$$\Sigma H_{\gg} = 570$$

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

$$T_w = 35$$

$$T_d = 30$$

$$T_{d_{\text{RANS}}} = 33$$

$$T_{d_{\text{unv}}} =$$

$$\Sigma \text{ppm}_L = 0.96''$$