



$$T = 62$$

$$H_{DD} = 3$$

$$\sum H_{DD} = 3$$

$$T_{roof} = 52 \quad T_w = 48.5 \quad T_d = 45$$

$$U_{roof} = 47$$

$$U_w = 45$$

Wednesday September 2 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	73 °F	Dir.	E	Temp.	70 °F	* Moon Dimly Visible		
Min.	49 °F	Vel.	3 m.p.h.	Read.	29.06 in.			
Set	52 °F	Char.	light + variable	Corr.	28.94 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov.	60.0 mi.	Sea L.	30.29 in.	Clds.	Clds.	Clds. Cs *
						6/10 cumulus /10 contrails	8/10 altocum	10 Ac
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1/2 mb	Wx	Wx	Wx
						- M sunny - Ridge side	- M sunny - Some haze	Overcast Some haze
Ppn.	0 in.	Snow Depth	0 in.	Observer	JCK	Vis.	Vis.	Vis.
						5 v. 12 mi.	20 mi.	8 v. 10 mi.

$$T_{\text{roof}} = 54$$

$$T_w = 51$$

$$T_l = 49$$

$$T_{l_2} = 47$$

$$T_{l_{\text{wall}}} = 47$$

$$\bar{T} = 61$$

$$HDD = 4$$

$$\sum HDD = 7$$

$$\sum CDD = 0$$

$$\sum PLN_L = 0$$

Thursday, September 3, 1992  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.			Dir.		Temp.	* Overnight Low = 64 - Bright Spots Overhead 0815 LT - Occasional RW - 2200-0000 LT - RW - 0630-0715 LT			
72	°F		SSW		72				°F
Min.	#		Vel.		Read.				
52	°F		7	m.p.h.	28.87	in.			
Set			Char.		Corr.		0700	1300	1900
67	°F		Var. 6-10 mph		28.74	in.			
R.H.			24 hr. Mov.		Sea L.		Clds.	Clds.	Clds.
86	%		53.2	mi.	30.05	in.	10/10 Sc		
Ppn.	Liq.		Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
.19	in.		S		-0.5	mb	Overcast		
Ppn.	Sol.		Snow Depth		Observer		Vis.	Vis.	Vis.
0	in.		0	in.	HDS		Var. 3-5 mi.	mi.	mi.

$$\bar{T} = 62$$

$$H_{00} = 3$$

$$\Sigma H_{00} = 10$$

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

$$\Sigma Pen_{00} = .19$$

$$T_{roof} = 66$$

$$T_w = 63$$

$$T_d = 61.5$$

$$T_{dramos} = 61$$

$$T_{dunv} = 62$$

Friday September 4, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. —	Temp. 72 °F	R-1130-1415 LT RW-~2245-2300 LT VLY. & RIDGE FOG <sup>T HEARD</sup> ~2200LT DISTANT @ ops * @ UNV			
Min. 63 °F	Vel. 0 m.p.h.	Read. 29.06 in.				
Set 65 °F	Char. CALM	Corr. 28.93 in.	0700	1800	1900	
R.H. * 87 %	24 hr. Mov. 72.8 mi.	Sea L. 30.26 in.	Clds. - 4/10	Clds. 7/10 cumulus oratus	Clds. - 7/10	
Ppn. Liq. 0.22 in.	Prev. Dir. S	3 hr. Tend. +2.0/mb	Wx PARTLY SUNNY, FOG	Wx sunny trace	Wx MILD	
Ppn. Sol. — in.	Snow Depth — in.	Observer CPB	Vis. 4 v. 6 mi.	Vis. 13 mi.	Vis. 10 mi.	

$$\bar{T} = 68$$

$$C_{\text{DD}} = 3$$

$$\sum H_{\text{DD}} = 10$$

$$\sum C_{\text{DD}} = 3$$

$$\sum \text{ppm.L} = .41''$$

$$T_{d_{uv}} = 59$$

$$T_{d_{pms}} = 63$$





$$\bar{T} = 70$$

$$C_{\text{DD}} = 5$$

$$\sum H_{\text{DD}} = 10$$

$$\sum C_{\text{DD}} = 8$$

$$T_w = 59$$

$$T_d = 57$$

$$T_{d_{\text{RMS}}} = 57$$

$$T_{d_{\text{UNV}}} = 56$$

$$\sum p_{v,i} = .41''$$

SUNDAY SEP. 6, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	74 °F	Dir.	E-SE	Temp.	77 °F	R- c. 0600 → obs LT			
Min.	62 °F	Vel.	3 m.p.h.	Read.	29.16 in.				
Set	62 °F	Char.	VARIABLE	Corr.	29.02 in.	0700	1300	1900	
R.H.	90 %	24 hr. Mov.	91.0 mi.	Sea L.	30.36 in.	Clds.	18/10	Clds.	10/10 10/10 cum
Ppn.	.06 in.	Prev. Dir.	E	3 hr. Tend.	+1.5/mb	Wx	R-F	Wx	Wx Rainy + Thundering
Ppn.	- in.	Snow Depth	- in.	Observer	SC	Vis.	5 mi.	Vis.	30 mi.

$$\bar{T} = 68$$

$$CDD = 3$$

$$\Sigma HDD = 10$$

$$\Sigma CDD = 11$$

$$\Sigma PFL = .47''$$

$$T_{ROOF} = 62$$

$$T_w = 60$$

$$T_o = 59$$

$$T_{TRANS} = 57$$

$$T_{ENV} = 56$$

MONDAY SEP. 7, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 64 °F	Dir. -	Temp. 72 °F	R- obs, 6th → 0900 LT R- owl R 0930-1040 LT					
Min. 61 °F	Vel. 0 m.p.h.	Read. 29.11 in.						
Set 62 °F	Char. Calm	Corr. 28.98 in.	0700	1300	1900			
R.H. 93 %	24 hr. Mov. 366 mi.	Sea L. 30.32 in.	Clds. 10/10	Clds.	Clds. 10/10 Sc			
Ppn. Liq. .50 in.	Prev. Dir. E	3 hr. Tend. +0.5/mb	Wx Fog OVC	Wx	Wx Overcast			
Ppn. Sol. - in.	Snow Depth - in.	Observer SC	Vis. 5 mi.	Vis. mi.	Vis. 10 mi.			

$$\bar{T} = 63$$

$$HOD = 2$$

$$COD = 0$$

$$\Sigma HOD = 12$$

$$\Sigma COD = 11$$

$$\Sigma PPM_L = .97$$

$$T_{UVV} = 58$$

$$T_{REF} = 61$$

$$T_w = 60$$

$$T_d = 59$$

$$T_{d_{norm}} = 58$$

Tuesday, September 8, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.						
Max.	70 °F	Dir.	SSW	Temp.	* Overnight Low: 66 - visibility greater NE						
				80 °F							
Min.	* 62 °F	Vel.	6 m.p.h.	Read.				28.98 in.			
Set	68 °F	Char.	Var. 4-8	Corr.	28.83 in.	0700	1300	1900			
R.H.	90 %	24 hr. Mov.	72.9 mi.	Sea L.	30.14 in.	Clds.	10% Sc	Clds.		Clds.	7/10 d'ying 10% clds
Ppn.	Liq. .02 in.	Prev. Dir.	S	3 hr. Tend.	Steady mb	Wx	overcast RW	Wx		Wx	Sc 6000 ft clouds
Ppn.	Sol. 0 in.	Snow Depth	0 in.	Observer	HDS	Vis.	Var. 2-5 mi.	Vis.		Vis.	7 mi.

$$\begin{aligned}\bar{T} &= 66 \\ \text{HDD} &= 0 \\ \text{CDD} &= 1 \\ \Sigma \text{HDD} &= 12 \\ \Sigma \text{CDD} &= 12 \\ \Sigma \text{PPN}_L &= .99\end{aligned}$$

$$\begin{aligned}\bar{T}_{\text{Roof}} &= 67 \\ T_w &= 65 \\ T_o &= 64 \\ T_{o, \text{ramos}} &= 62 \\ T_{o, \text{NW}} &= 63\end{aligned}$$



Wednesday September 9 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. —	Temp. 75 °F		• RW 0642 RW+ 0805-0820 LT • RW - TL - 0820-0845 • LTH 44 WTRM 0800 1440 • TRW, SALT HAIL 1545 • TRW + 1545-1555 • RW RW- 1640-1700 • RW - 1800-1830 • RAINBOW 1815		
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.98 in.				
Set 62 °F	Char. calm	Corr. 28.85 in.		0700	1300	1900
R.H. 90 %	24 hr. Mov. 87 mi.	Sea L. 30.17 in.	Clds. -X	Clds.	Clds. 3/10 AC, SOME AS WEST	
Ppn. Liq. .33 in.	Prev. Dir. S	3 hr. Tend. + 1/2 — mb	Wx • Fog • Sub	Wx	Wx Partly Cldy, Hazy, Muggy	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JKK	Vis. 1/2 v. 2 mi.	Vis. mi.	Vis. 5 mi.	

$$T_{\text{ref}} = 64$$

$$\bar{T} = 70$$

$$T_w = 62$$

$$c_{DD} = 5$$

$$T_1 = 61$$

$$\sum c_{DD} = 17$$

$$T_{12} = 61$$

$$\sum m_{DD} = 12$$

$$T_{\text{low}} = 58$$

$$\sum P_{2N_i} = 1.32''$$

Thursday, September 10, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. SSW	Temp. 74 °F	* overnight low = 69 RW - Approx. 0500-0600 LT		
Min.	62 °F	Vel. 6 m.p.h.	Read. 28.83 in.			
Set	70 °F	Char. Var. 4-8	Corr. 28.70 in.	0700	1300	1900
R.H.	95 %	24 hr. Mov. 89.2 mi.	Sea L. 30.01 in.	Clds. Ac Overhd 3 Cu Nests 10 As East	Clds.	Clds. Ci - 4/10 Ac
Ppn. Liq.	.03 in.	Prev. Dir. S	3 hr. Tend. +0.5 mb	Wx Mostly Sunny, Hazy	Wx	Wx LIGHT BREEZE
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 5 var. 7 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T} = 70$   
CDD = 5  
ΣCDD = 22  
ΣHDD = 12  
EPCN<sub>L</sub> = 1.35

$T_{roof} = 69$      $T_w = 68$      $T_D = 67.5$   
 $T_{rooms} = 64$   
 $T_{outw} = 64$

Friday Sept. 11, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F	Dir. —	Temp. 71 °F		TB 1458 LT TRW 1509-50 LT BRIEF TRW+ / LST CCGG PK WND ~ 38 MPH GUST RH - 1650-1610 LT (OVER)		
Min. 50 °F	Vel. 0 m.p.h.	Read. 29.01 in.				.14" @ 1603
Set 52 °F	Char. CALM	Corr. 28.89 in.		0700	1200	1900
R.H. 86 %	24 hr. Mov. 96.6 mi.	Sea L. 30.25 in.	Clds. — 3/10 Ci	Clds. cum-lus 8/10 S-Cu	Clds. — 2/10 Ac	
Ppn. Liq. 0.17 in.	Prev. Dir. S	3 hr. Tend. +3.0 / mb	Wx MOSTLY SUNNY, CLOUDY	Wx Horizontal but not in	Wx prev. CLOUDY	
Ppn. Sol. 0 in.	Snow Depth — in.	Observer CPB	Vis. 15 mi.	Vis. 4/5 mi.	Vis. 25 mi.	

$$\bar{T} = 67$$

$$C_{pp} = 2$$

$$\sum C_{pp} = 24$$

$$\sum H_{pp} = 12$$

$$\sum ppn.L = 1.52''$$

$$T_{roof} = 52$$

$$T_w = 50$$

$$T_d = 48$$

$$T_{draws} =$$

$$T_{d,upv} = 46$$

RW-1623-45 LT

~1730-1830 LT

T FALL = 12°F

~1500-1700 LT



$$\bar{T} = 55$$

$$H_{\text{day}} = 10$$

$$\Sigma C_{\text{day}} = 24$$

$$\Sigma H_{\text{day}} = 22$$

$$T_w = 42$$

$$T_d = 38$$

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

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

$$\Sigma \text{ppn} \cdot L = 1.52''$$



Sunday, September 13, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	64 °F	Dir. ENE	Temp. 71 °F			
Min.	43 °F	Vel. 2 m.p.h.	Read. 29.21 in.			
Set	45 °F	Char. very light	Corr. 29.09 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov. 16.5 mi.	Sea L. 30.48 in.	Clds. X	Clds.	Clds. $\frac{1}{10}$ Ci
Ppn.	0 in.	Prev. Dir. NE	3 hr. Tend. +1.0 mb	Wx Foggy + Chilly	Wx	Wx Mostly Clr & Cool
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. $\frac{1}{8}$ var. $\frac{1}{4}$ mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 54$$

$$CDD = 0$$

$$HDD = 11$$

$$\Sigma CDD = 24$$

$$\Sigma HDD = 33$$

$$\Sigma PCN_2 = 1.52$$

$$T_{ROOF} = 44 \quad T_w = 44 \quad T_D = 44$$

$$T_{DOWN} = 41$$

$$T_{GRANDS} = 40$$

MONDAY, SEPTEMBER 14, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	70 °F	Dir.	-	Temp.	69 °F				
Min.	* 45 °F	Vel.	0 m.p.h.	Read.	29.12 in.				
Set	49 °F	Char.	Caln	Corr.	29.00 in.	* OURNITE Lo = 48			
R.H.	86 %	24 hr. Mov.	31.9 mi.	Sea L.	30.37 in.	Clds.	0700	1300	1900
Ppn.	- in.	Prev. Dir.	S	3 hr. Tend.	25.1 mb	0/10	0/10	As 10 Cu	
Ppn.	- in.	Snow Depth	- in.	Observer	SC	Wx FOG SUNNY	Wx Sunny & Mild	Wx Some clds + Haze, Cool	
						Vis.	1.3 mi.	30 mi.	8 mi.

$$\bar{T} = 58$$

$$H_{00} = 7$$

$$\Sigma H_{00} = 40$$

$$\Sigma C_{00} = 24$$

$$\Sigma P_{00} = 1.52$$

$$T_{\text{rook}} = 49$$

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

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

$$T_w = 47$$

$$T_0 = 45$$

Tuesday, September 15, 1992  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. —	Temp. 74 °F	* overnite Low = 55 - Fog along Tussey, base of Mt. Nittany		
Min.	49 °F	Vel. 0 m.p.h.	Read. 29.16 in.			
Set	56 °F	Char. Calm	Corr. 29.03 in.	0700	1300	2000
R.H.	88 %	24 hr. Mov. 55.9 mi.	Sea L. 30.38 in.	Clds. Cu 5/10 Cs NW-E	Clds.	Clds. - SCT
Ppn.	0 in.	Prev. Dir. S	3 hr. Tend. +1.25/mb	Wx Hazy Sunshine, Valley Fog	Wx	Wx Haze
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 5 v. 8 mi.	Vis. mi.	Vis. 5 mi.

$$T_{\text{roof}} = 57 \quad T_w = 55 \quad T_0 = 53.5$$

$$T_{\text{out}} = 52$$

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

$$F = 61$$

$$HDD = 4$$

$$\sum HDD = 44$$

$$\sum CDD = 24$$

$$\sum P_{\text{wet}} = 1.52''$$

Wed September 16 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	78 °F	Dir.	SW	Temp.	70 °F			
Min.	56* °F	Vel.	3 m.p.h.	Read.	29.11 in.			
Set	58 °F	Char.	very light	Corr.	28.99 in.	* about low: 58		
						0700	1300	1900
R.H.	96 %	24 hr. Mov.	43 mi.	Sea L.	30.34 in.	Clds.	Clds.	Clds.
						X		-X
Ppn.	0 in.	Prev. Dir.	S	3 hr. Tend.	+ 1/2 mb	Wx	Wx	Wx
						Fog, almost clear		Hazy, warm, Humid
Ppn.	0 in.	Snow Depth	0 in.	Observer	JJK	Vis.	Vis.	Vis.
						1/8 mi.	mi.	5 mi.

$$T_{avg} = 57$$

$$\bar{T} = 67$$

$$T_w = 56$$

$$CO_2 = 2$$

$$T_d = 56$$

$$\Sigma CO_2 = 26$$

$$T_{d_{avg}} = 54$$

$$\Sigma CO_2 = 44$$

$$T_{d_{avg}} = 54$$

$$\Sigma PCN_L = 1.52''$$



Thursday, September 17, 1992  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. SSW	Temp. 70 °F	*overnight Low = 61		
Min.	58 °F	Vel. 6 m.p.h.	Read. 28.96 in.			
Set	62 °F	Char. Light & Steady	Corr. 28.84 in.	0700	1300	1900
R.H.	91 %	24 hr. Mov. 55.6 mi.	Sea L. 30.17 in.	Clds. 9/10 Sc	Clds. CU 7/10 ci	Clds.
Ppn.	0 in.	Prev. Dir. SSW	3 hr. Tend. 0 - mb	Wx Cloudy, Calm, Some Fog	Wx HAZE Pt. SUNNY	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer HDS	Vis. 5 mi.	Vis. 5 mi.	Vis. mi.

$\bar{T} = 69$   
 $C_{00} = 4$   
 $\Sigma C_{00} = 30$   
 $\Sigma H_{00} = 44$   
 $\Sigma PCN_L = 1.52''$

$T_{\text{air}} = 60$     $T_w = 58.5$     $T_D = 57.5$   
 $T_{\text{Dramas}} = 56$   
 $T_{\text{DUNY}} = 57$

Friday Sept. 18, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 79 °F	Dir. -	Temp. 70 °F	- 7 DAYS - NO RAIN				
Min. 58 °F	Vel. 0 m.p.h.	Read. 28.86 in.					
Set 60 °F	Char. CALM	Corr. 28.74 in.	0700	1300	1900		
R.H. 89 %	24 hr. Mov. 59.3 mi.	Sea L. 30.07 in.	Clds. - 5/10 Ci	Clds.	Clds.		
Ppn. 0 in.	Liq. in.	Prev. Dir. SW	3 hr. Tend. -1.07 mb	Wx FOGGY	Wx	Wx	
Ppn. -	Sol. in.	Snow Depth -	Observer CPB	Vis. 1 v. 2 mi.	Vis. mi.	Vis. mi.	

$$\bar{T} = 69$$

$$C_{DD} = 4$$

$$\Sigma C_{DD} = 34$$

$$\Sigma H_{DD} = 44$$

$$\Sigma ppa = 1.52''$$

$$T_{roof} = 60$$

$$T_w = 58$$

$$T_d = 57$$

$$T_{d_{mv}} = 54$$

$$T_{d_{pms}} = 58$$

Saturday Sept. 19, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	74 °F	Dir.	NW	Temp.	69 °F	KW-1432-1500 LT (SPRINKLES)		
Min.	57 °F	Vel.	10 m.p.h.	Read.	28.85 in.	1500-1630 LT		
Set	57 °F	Char.	STEADY	Corr.	28.73 in.	1645-1715 LT		
R.H.	83 %	24 hr. Mov	83.9 mi.	Sea L.	30.17 in.	~ 2300-0100 LT		
Ppn.	0.05 in.	Prev. Dir.	SW	3 hr. Tend.	+2.0/ mb	# obs @ 13Z		
Ppn.	-	Snow Depth	-	Observer	CPB	0700	1300	2000
						Clds.	Clds.	Clds.
						-6/10 Ci		
						-5CT		
						Wx	Wx	Wx
						PTLY. CLDY, COOL		
						Vis.	Vis.	Vis.
						10 mi.	mi.	10 mi.

$$\bar{T} = 66$$

$$C_{DD} = 1$$

$$\sum C_{DD} = 35$$

$$\sum H_{DD} = 44$$

$$T_{roof} = 57$$

$$T_w = 54$$

$$T_d = 52$$

$$T_{dam} = 48$$

$$T_{drip} = 50$$

$$\sum p_{pi} = 1.57''$$

Sunday, Sept 20, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	68 °F	Dir.	E	Temp.	67 °F				
Min.	43 °F	Vel.	2 m.p.h.	Read.	28.95 in.				
Set	45 °F	Char.	Variable NE-SE	Corr.	28.84 in.	0700	1300	1900	
R.H.	100 %	24 hr. Mov.	46 mi.	Sea L.	30.22 in.	Clds.	X	Clds.	Clds. ci 8/10
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1/mb	Wx	Foggy cool	Wx	MOSTLY CLOUDY
Ppn.	0 in.	Snow Depth	0 in.	Observer	MHB	Vis.	1/4 mi.	Vis.	10 mi.

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

$$T - T_w = 0$$

$$T_d \text{ roof} = 44$$

$$T_d \text{ unv} = 41$$

$$T_d \text{ ramos} = 41$$

$$\bar{T} = 56$$

$$HDD = 149$$

$$\sum CDD = 35$$

$$\sum HDD = 58$$

$$\sum \text{pen} = 1.57''$$



MONDAY SEP. 21, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	69 °F	Dir.	S	Temp.	68 °F				
Min.	*45 °F	Vel.	10 m.p.h.	Read.	28.87 in.				
Set	62 °F	Char.	Steady	Corr.	28.75 in.	*OVERTIME LO = 69			
R.H.	84 %	24 hr. Mov.	94.1 mi.	Sea L.	30.07 in.	0700	1300	1900	
						Clds.	Clds.	Clds.	
						10/10	Ns 10/10 St	10/10 Sc	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Fog CLOUDY	Wx	Rain & Quite Breezy	Wx	Overcast & Mild
-	in.	S	+1 / mb						
Ppn.	Sol.	Snow Depth	Observer	Vis.	5 mi.	Vis.	10 var. 25mi.	Vis.	3 mi.
-	in.	- in.	SC						

$$\bar{T} = 57$$

$$CDD = 0$$

$$HDD = 8$$

$$\Sigma CDD = 35$$

$$\Sigma HDD = 66$$

$$\Sigma PPN_L = 1.57$$

$$T_{REF} = 62$$

$$T_{IN} = 59$$

$$T_O = 57$$

$$T_{AUX} = 55$$

$$T_{CHWAS} = 54$$

Tuesday September 22, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. SW	Temp. 70 °F	* overnite low @ 66 R 1205-1500 LT		
Min.	62 °F	Vel. 6 m.p.h.	Read. 28.68 in.			
Set	67 °F	Char. light	Corr. 28.56 in.			
				0700	1300	1900
R.H.	90 %	24 hr. Mov. 128.1 mi.	Sea L. 29.86 in.	Clds. 9/10 Ac	Clds.	Clds. OVC
Ppn.	.33 in.	Liq. Prev. Dir. S	3 hr. Tend. -0.5 mb	Wx Mostly cldy, Mild	Wx	Wx mild, humid
Ppn.	0 in.	Sol. Snow Depth 0 in.	Observer HDS	Vis. 12 mi.	Vis. mi.	Vis. 7 mi.

$\bar{T} = 66$   
CDD = 1  
HDD = 0  
 $\Sigma \text{COD} = 36$   
 $\Sigma \text{HDD} = 66$   
 $\Sigma \text{PCN}_1 = 1.90''$

$T_{\text{crop}} = 67$

$T_w = 65$

$T_0 = 64$

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

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

WED. SEPT 23, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. N-NE	Temp. 67 °F		RW 1245-1300 LT		
Min. 45 °F	Vel. 8 m.p.h.	Read. <del>29.10</del> in.		RW-/L- 1300-1540 LT		
Set 46 °F	Char. gusty	Corr. 28.99 in.		RW, RW+ 1540-1615 LT		
				0700	1300	1900
R.H. 63 %	24 hr. Mov. 107 mi.	Sea L. 30.37 in.	Clds. 4 to SC	Clds. 10/10 SC	Clds. % 10	
Ppn. Liq. .42 in.	Prev. Dir. S	3 hr. Tend. +20 mb	Wx chilly	Wx chill + breezy	Wx Clear, Pleasantly Cool	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MHB	Vis. 12+ mi.	Vis. 95 mi.	Vis. 25 mi.	

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

$$T_d = 33$$

$$T_{\text{dRains}} = 33$$

$$T - T_w = 40$$

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

OCNL. RW--, L-  
1700-2000 LT

$$\bar{T} = 59$$

$$\leftarrow \text{HDD} = 6$$

$$\text{CDD} = 0$$

$$\sum \text{HDD} = 72$$

$$\sum \text{CDD} = 36$$

$$\sum \text{Pev}_L = 2.32''$$

Thursday, September 24, 1992  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	58 °F	Dir.	NE	Temp.	67 °F	- Fog along base of Tussey Ridge & base of Mt. Nittany							
Min.	37 °F	Vel.	6 m.p.h.	Read.	29.26 in.								
Set	38 °F	Char.	light	Corr.	29.14 in.								
R.H.	84 %	24 hr. Mov.	48.5 mi.	Sea L.	30.55 in.	Clds.	0%	Clds.		Clds.			
Ppn.	0 in.	Prev. Dir.	NNE	3 hr. Tend.	+1.5 / mb	Wx	Clear Blue Skies	Wx		Wx			
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	HOS	Vis.	35 mi.	Vis.	mi.	Vis.	mi.

$\bar{T} = 48$   
HDD = 17  
 $\Sigma HDD = 89$   
 $\Sigma CDD = 36$   
 $\Sigma PCN_L = 2.32''$

$T_{roof} = 38$   $T_w = 36$   $T_D = 33$   
 $T_{unw} = 30$   
 $T_{drum} = 30$



Friday Sept. 26, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	60 °F	Dir.	NE	Temp.	68 °F			
Min.	38 °F	Vel.	S m.p.h.	Read.	29.24 in.			
Set	39 °F	Char.	LIGHT	Corr.	29.12 in.			
R.H.	83 %	24 hr. Mov.	44.5 mi.	Sea L.	30.52 in.	0700	1200	1900
Ppn.	0 in.	Prev. Dir.	E	3 hr. Tend.	+0.1 mb	Clds -4/10 str	Clds 10/10 stratocum	Clds -10/10
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPR	Wx MOSTLY SUNNY	Wx -0.02 - INCL HAZE	Wx DRIZZLE
				Observer	CPR	Vis. 20 mi.	Vis. 15 mi.	Vis. 2 mi.

$$\bar{T} = 49$$

$$H_{DD} = 16$$

$$\sum C_{DD} = 36$$

$$\sum H_{DD} = 105$$

$$\sum p_{cm} = 2.32''$$

$$T_{roof} = 39$$

$$T_w = 37$$

$$T_d = 34$$

$$T_{d, \text{RANS}} = 33$$

$$T_{d, \text{UNV}} = 33$$



$$\bar{T} = 49$$

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

$$\Sigma C_{\text{avg}} = 36$$

$$\Sigma H_{\text{avg}} = 121$$

$$T_{\text{roof}} = 52$$

$$T_w = 52$$

$$T_d = 52$$

$$T_{d_{\text{min}}} = 49$$

$$T_{d_{\text{max}}} = 49$$

$$\Sigma \text{ppm} = 2.76''$$

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Sunday, Sept 27, 1992 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 61 °F	Dir. S	Temp. 69 °F	R,L ≈ 530 LT - obs (27 <sup>m</sup> )			
Min. 52 °F	Vel. 4 m.p.h.	Read. 28.81 in.	L,L - obs (26 <sup>m</sup> ) - 1100LT (26 <sup>m</sup> )			
Set 60 °F	Char. steady	Corr. 28.79 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. 42 mi.	Sea L. 30.03 in.	Clds. OVC	Clds.	Clds. 0/10	
Ppn. .14 in.	Liq. S	Prev. Dir.	3 hr. Tend. -1 \ mb	Wx Fog, rain, drizzle	Wx CLEAR	
Ppn. 0 in.	Sol. -	Snow Depth in.	Observer MHB	Vis. 3 mi.	Vis. mi. 15 mi.	

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

$$T_w = 60$$

$$T_d = 60$$

$$T_{d \text{ uvv}} = 56$$

$$T_{d \text{ ramas}} = 56$$

$$\bar{T} = 537$$

$$H_{00} = \cancel{12} 0$$

$$\sum C_{00} = 36$$

$$\sum H_{00} = 133$$

$$\sum \text{pen} = 2.90''$$

MONDAY, SEP. 28, 1992

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	71 °F	Dir.	—	Temp.	68 °F	R- OBS - 1100 LT, L-, ONI RW-- 1100-1330 LT					
Min.	46 °F	Vel.	0 m.p.h.	Read.	28.97 in.						
Set	47 °F	Char.	Calm	Corr.	28.85 in.						
				0700	1300	1900					
R.H.	86 %	24 hr. Mov.	70.9 mi.	Sea L.	30.23 in.	Clds.	-6/10	Clds.	-6/10 Cs -10/10 Cu	Clds.	0/10
Ppn.	0.18 in.	Prev. Dir.	SW	3 hr. Tend.	+0.51 mb	Wx	ci, sk fog along RIDGES	Wx	Clouds & Sun, Cool	Wx	Clear & Cool
Ppn.	- in.	Snow Depth	- in.	Observer	SC	Vis.	10 mi.	Vis.	30 mi.	Vis.	20 mi.

$$\bar{T} = 59$$

$$HDD = 6$$

$$\Sigma HDD = 139$$

$$\Sigma CDD = 36$$

$$\Sigma PH = 3.08''$$

$$T_{ROOF} = 47$$

$$T_{DROOF} = 47$$

$$T_W = 47$$

$$T_{ATMOSP} = 43$$

$$T_{UNU} = 42$$



Tuesday, September 29, 1992  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	67 °F	Dir.	NW	Temp.	68 °F			
Min.	45 °F	Vel.	8 m.p.h.	Read.	28.98 in.			
Set	47 °F	Char.	6 var. 12 mph	Corr.	28.86 in.			
R.H.	66 %	24 hr. Mov.	71.3 mi.	Sea L.	30.23 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1.0 / mb	Clds.	Clds.	Clds.
Ppn.	0 in.	Snow Depth	0 in.	Observer	HDS	3/10 Sc		CLR
						Wx	Wx	Wx
						Mostly Sunny & Brisk		cool crisp
						Vis.	Vis.	Vis.
						35 mi.	mi.	15 mi.

$T = 56$   
 $HDD = 9$   
 $\Sigma HDD = 148$   
 $\Sigma CDD = 36$   
 $\Sigma PCN_L = 3.08''$

$T_{roof} = 46$      $T_w = 41$

$T_o = 35$   
 $T_{outV} = 33$   
 $T_{ranges} = 33$

Wednesday, 30 September 92

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	56 °F	Dir.	W-NW	Temp.	66 °F	haze over Tussey Ridge and toward E		
Min.	38 °F	Vel.	5 m.p.h.	Read.	29.04 in.			
Set	39 °F	Char.	variable	Corr.	28.93 in.			
R.H.	82 %	24 hr. Mov.	112 mi.	Sea L.	30.32 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+1.5 mb	Clds.	2/10 AS	Clds. few Sc
Ppn.	0 in.	Snow Depth	0 in.	Observer	MHB	Wx	cool, crisp	Wx cool
						12 mph N breeze		Wx cool
						Vis.	35 mi.	Vis. 35 mi.
						Vis.	35 mi.	Vis. 15 mi.

$$T_{roof} = 39$$

$$T_w = 37$$

$$T_d = 34$$

$$T_{d \text{ Ramos}} = 29$$

$$T_{d \text{ unv}} = 32$$

$$\bar{T} = 47$$

$$HDD = 18$$

$$\sum HDD = 166$$

$$\sum CDD = 36$$

$$\sum pcN_L = 3.08''$$