

Wed. April 1, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	51 °F	Dir.	SW	Temp.	74 °F			
Min.	36 °F	Vel.	18G-22m.p.h.	Read.	28.92 in.			
Set	41 °F	Char.	Moderate	Corr.	28.39 in.	0700	1200	1900
R.H.	62 %	24 hr. Mov.	96.1 mi.	Sea L.	29.75 in.	Clds. 10/10	Clds. 10/10	Clds.
Ppn.	Liq. — in.	Prev. Dir.	W	3 hr. Tend.	1-1 mb	Wx OVERCAST	Wx WINDY FLURRIES	Wx
Ppn.	Sol. — in.	Snow Depth	— in.	Observer	LAM	Vis. 15 mi.	Vis. 10 SW — mi.	Vis. — mi.

$$T_{\text{Roof}} = 40 \quad T_{\text{Dramos}} = 23$$

$$\overline{T} = 44$$

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

$$H_{\text{DD}} = 21$$

$$\sum H_{\text{DD}} = \del{21} 21$$

$$\sum \text{PPNL} = \del{0} 0 \quad \sum \text{PPNS} = \del{0} 0$$

Thurs. April 2, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max 43 °F	Dir. W	Temp. 72 °F	L-N 0735 ~ 1830 LT SW ~ ~ 1210 LT			
Min. 27 °F	Vel. 12-22 m.p.h.	Read. 28.58 in.				
Sol. 28 °F	Char. Moderate.	Corr. -0.45 in.				
R.H. 72 %	24 hr. Mov. 117.4 mi.	Sea L. 29.87 in.	Clds. 9/10	Clds. Bay 10/10 over	Clds.	
Ppn. T in.	Liq. W	Prev. Dir. W	3 hr. Tend. 4.5 mb	Wx chilly	Wx chilly	Wx
Ppn. T in.	Sol. — in.	Snow Depth — in.	Observer LAM	Vis. 20 mi.	Vis. 20 mi.	Vis. mi.

$$T_{ref} = 26$$

$$\overline{T} = 35$$

$$H_{120} = 36$$

$$\Sigma x_{120} = 51$$

$$T_{trans} = 9$$

$$T_{anv} = 18$$

$$\Sigma p_{NL} = T$$

$$\Sigma p_{NS} = T$$

Friday April 3 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	WNW	Temp.	72 °F	<ul style="list-style-type: none"> • 50 at SW - 1150 LT - 1330 2 1/2 M SW • 1705 - 1718 1/8 SW + • 1718 - 1725 SW • SE 1730, Partly sunny • 1802 - 1810 2SW • 1810 - 1813 3/8 SW + • 1812 Sumpillar • 1813 - 1820 SW - • 2000 - 2045 SW • SW - was time of snow at 0545 - 0600 LT 		
Min.	25 °F	Vel.	11 4/16 m.p.h.	Read.	28.59 in.			
Set	26 °F	Char.	Grassy + Variable	Corr.	28.46 in.	0700	1200	1900
R.H.	74 %	24 hr. Mov.	198 mi.	Sea L.	29.88 in.	Clds.	Clds.	Clds.
Ppn.	.05 in.	Prev. Dir.	W	3 hr. Tend.	+1 mb	9/10 cumulus 9/10 afternoon	-9/10	-9/10
Ppn.	.8 in.	Snow Depth	1 in.	Observer	JCK	Wx • Blue sky • clouds of cum • patch of cum	Wx SOME BLUE SKY - WINDY	Wx ONLY. CLOUDY
				Observer	JCK	Vis.	Vis.	Vis.
						30 mi.	20 SW mi.	20 mi.

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

$$T_w = -$$

$$T_{\text{down}} = 17$$

$$\bar{T} = 29$$

$$\text{HDD} = 36$$

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

$$\sum \text{Pen}_L = .05$$

$$\sum \text{Pen}_S = .8$$

Saturday April 4, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 36 °F	Dir. WSW	Temp. 72 °F	SW- 0745-0800 LT SW 1450-1550 LT				
Min. 25 °F	Vel. 3 m.p.h.	Read. 28.52 in.	SW+ 1550-1610 LT SW- 1610-1645 LT (OVERCAST LO = 25°)				
Set 28 °F	Char. 'STEADY'	Corr. 28.39 in.	- BRIGHT SKIES SE @ obs				
R.H. 63 %	24 hr. Mov. 95.6 mi.	Sea L. 29.79 in.	Clds. - 10/10 (AN) (OK.)	0700	1300	1900	
Ppn. T in.	Liq. Prev. Dir. W	3 hr. Tend. +0.15 mb	Wx CLOUDY & COLD	Wx	Wx	Wx	
Ppn. T in.	Sol. Snow Depth 0 in.	Observer CPB	Vis. 10 mi.	Vis.	mi.	Vis. mi.	

$$\bar{T} = 31$$

$$H_{DD} = 34$$

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

$$\sum H_{DD} = 121$$

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

$$T_w = 24.5$$

$$T_d = 17$$

$$(UNV) = 17$$

$$(RAMS) = 15$$

$$\sum p p n_{L} = .05'' \quad \sum p p n_{S} = .8''$$

SUNDAY APRIL 5, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.								
Max.	45 °F	Dir.	NW	Temp.	OCL SW - RW - 1425-1820 LT								
				72 °F									
Min.	28 °F	Vel.	10 m.p.h.	Read.				28.78 in.					
Set	30 °F	Char.	steady	Corr.	28.65 in.	0700	1300	1900					
R.H.	68 %	24 hr. Mov.	24.5 mi.	Sea L.	30.05 in.	Cld.	4/10	Clds.		Clds.			
Ppn.	T in.	Liq.		Prev. Dir.	W	3 hr. Tend.	+2.5/mb	Wx	SUNNY	Wx	Wx		
Ppn.	T in.	Sol.		Snow Depth	- in.	Observer	SC	Vis.	20 mi.	Vis.	mi.	Vis.	mi.

$$\bar{T} = 37$$

$$HDO = 28$$

$$\Sigma CDO = 0$$

$$\Sigma HDO = 149$$

$$\Sigma PAN_2 = .05''$$

$$\Sigma PAN_3 = .8''$$

$$T_{min} = 20$$

$$T_{max} = 29$$

Monday April 6 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	49 °F	Dir.	—	Temp.	72 °F		
Min.	30 °F	Vel.	0 m.p.h.	Read.	29.04 in.		
Set	31 °F	Char.	calm	Corr.	28.91 in.		
R.H.	56 %	24 hr. Mov.	160 mi.	Sea L.	30.33 in.	Clds.	0/10
Ppn.	0 in.	Prev. Dir.	WNW	3 hr. Tend.	+1 mb	Wx	calm - drizzle + snow
Ppn.	0 in.	Snow Depth	0 in.	Observer	JCK	Wx	- crystal - drizzle
						Vis.	30 mi.
						Vis.	25 mi.
						Vis.	25 mi.

$$T_{\text{avg}} = 32 \quad \bar{T} = 40 \quad \sum PCN_s = .05''$$

$$T_w = \text{---} \quad HDD = 25 \quad \sum PCN_s = .8''$$

$$T_{\text{Luvv}} = 18 \quad \sum HDD = 174$$

Tuesday April 7, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.				
Max.	59 °F	Dir. —	Temp.	HIGHEST MAXTEMP IN NEARLY A MONTH! (60° on 3/10)				
Min.	31 °F	Vel. 0 m.p.h.	Read.				28.88 in.	
Set	43 °F	Char. 'CALM'	Corr.				28.75 in.	
R.H.	53 %	24 hr. Mov. 29.7 mi.	Sea L.	30.14 in.	Clds. 0/10	1300 Clds. As - 9/10 Acu	1900 Clds. 9/10	
Ppn.	0 in.	Liq. W	Prev. Dir.	3 hr. Tend. no change mb	Wx PARTLY SUNNY	Wx Pt. SUNNY	Wx	
Ppn.	0 in.	Sol.	Snow Depth	0 in.	Observer CPB	Vis. 15 mi.	Vis. 20 mi.	Vis. mi.

$$\bar{T} = 45$$

$$H_{\text{TP}} = 20$$

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

$$\sum H_{\text{TP}} = 194$$

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

$$T_w = 36.5$$

$$T_d = 27$$

$$T_{d, \text{RAM}} = 23$$

$$T_{d, \text{UNW}} = 27$$

$$\sum \rho \rho_n \cdot L = .05'' \quad \sum \rho \rho_n \cdot S = .8''$$

Wed April 8 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	67 °F	Dir.	NW	Temp.	RW - ~0315-0330LT MDT CU ALQDS 0650LT		
				74 °F			
Min.	43 °F	Vel.	5-10 m.p.h.	Read.			
				28.85 in.			
Scr	46 °F	Char.	light	Corr.	DNVT LOW = 46		
				28.72 in.	0700	1300	1900
R.H.	63 %	24 hr. Mov.	99.2 mi.	Sea L.	Clds.	Clds.	Clds.
				30.08 in.	10 cu.	2/10 cu	2/10 cu
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx
	T in.	WSW		+3 mb	Sunny	SUNNY	W mainly clear
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.
	- in.	- in.		LAM	5 v 10 mi.	15 mi.	15 mi.

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

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

$$\bar{T} = 55$$

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

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

$$\sum H_{\text{DD}} = 204$$

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

$$\sum \text{PPNL} = .05''$$

$$\sum \text{PPNS} = .8''$$

Thurs. April 9 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max 62 °F	Dir. —	Temp. 75 °F							
Min. 40 °F	Vel. 0 m.p.h.	Read. 28.92 in.							
Set 42 °F	Char. CALM	Corr. 28.79 in.							
R.H. 53 %	24 hr. Mov. 86 mi.	Sea L. 30.18 in.		Clds. 10/10	Clds. 10/10	Clds. 10/10			
Ppn. —	Liq. in.	Prev. Dir. W	3 hr. Tend. —0 mb	Wx OVC.	Wx cool + stable	Wx v - remarkable			
Ppn. —	Sol. in.	Snow Depth — in.	Observer LAM	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.			

$$T_{root} = 43$$

$$\bar{T} = 51$$

$$H_{DD} = 14$$

$$\Sigma H_{DD} = 218$$

$$T_{D_{RAMOS}} = 25$$

$$T_{D_{UNV}} = 27$$

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

$$\Sigma PPNL = .05'$$

$$\Sigma PPNs = .8''$$

Friday April 10 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	54 °F	Dir.	—	Temp.	75 °F	• R - 10:15 LT • R - 13:00 - 13:25 LT		
Min.	40 °F	Vel.	0 m.p.h.	Read.	28.96 in.			
Set	43 °F	Char.	calm	Corr.	28.83 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov.	19.6 mi.	Sea L.	30.21 in.	Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	+2 1/2 / mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	Jack	Vis.	Vis.	Vis.
						5 v. 7 mi.	mi.	mi.

$$\begin{array}{lll} T_{roof} = 44 & \bar{T} = 47 & \Sigma PEN_1 = .05'' \\ T_w = 41 & NDD = 18 & \Sigma PEN_2 = .8'' \\ T_d = 38 & \Sigma NDD = 236 & \end{array}$$

Saturday Apr. 11, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. —	Temp. 78 °F	TRW - 2020-2230 LT (OCNL. HVT. DOWNPOURS) W./LTGCL			
Min. 43 °F	Vel. 0 m.p.h.	Read. 28.83 in.	RW - 2230-0300 LT OVERNITE LO ~ 47° (INTMT)			
Set 49 °F	Char. CALM	Corr. 28.69 in.	0800	1300	1900	
R.H. 93 %	24 hr. Mov. 29.2 mi.	Sea L. 30.05 in.	Clds. w/ -10% BMAX!	Clds. 7/10	Clds.	
Ppn. 0.48 in.	Liq. Prev. Dir. NE	3 hr. Tend. NO CHANGE mb	Wx DAMP, FOGGY	Wx M. Cloudy	Wx	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer CPB	Vis. 3/4 x 1 mi.	Vis. 5 mi.	Vis. mi.	

$$\bar{T} = 54$$

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

$$H_{\text{DD}} = 11$$

$$\Sigma H_{\text{DD}} = 247$$

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

$$T_w = 48$$

$$T_d = 47$$

$$T_{d_{\text{UNV}}} = 44$$

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

$$\Sigma \text{ppm}_2 = .53'' \quad \Sigma \text{ppm}_5 = 0.8''$$

SUNDAY April 12, 1972

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	74 °F	Dir. NW	Temp. 78 °F	RW - ~ 2530 - 0300 LT		
Min.	49 °F	Vel. 14 m.p.h.	Read. 28.91 in.			
Set	52 °F	Char. Steady	Corr. 28.77 in.	0700	0800	1900
R.H.	73 %	24 hr. Mov. 127.2 mi.	Sea L. 30.02 in.	Clds. 0/10	Clds. 0/10	Clds.
Ppn.	.06 in.	Prev. Dir. S	3 hr. Tend. +4 / mb	Wx Ovc.	Wx clear	Wx
Ppn.	- in.	Snow Depth - in.	Observer SC	Vis. 5 mi.	Vis. 20 mi.	Vis. mi.

$$\bar{T} = 62$$

$$HDD = 3$$

$$\Sigma HDD = 250$$

$$\Sigma LDD = 0$$

$$\Sigma PPN_L = .59''$$

$$\Sigma PPN_S = 0.8''$$

$$T_N = 48$$

$$T_0 = 44$$

Monday April 13 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	53 °F	Dir.	NNE	Temp.	74 °F			
Min.	26 °F	Vel.	11 m.p.h.	Read.	29.39 in.			
Set	27 °F	Char.	Intermittently steady	Corr.	29.26 in.	0700	1300	1900
R.H.	53 %	24 hr. Mov.	135 mi.	Sea L.	30.71 in.	Cks. % cl.	Cks. 0/10 cl.	Cks. 6/10 Ci
Ppn.	0 in.	Prev. Dir.	WNW	3 hr. Tend.	+2 1/2 / mb	Wx Bright sun	Wx - SUNNY, - COLD	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	JCK	Vis.	30 mi.	30 mi.
						Vis.	30 mi.	15 mi.

$$T_{\text{roof}} = 20 \quad \bar{T} = 40 \quad \Sigma P_{\text{roof}} = .59''$$

$$T_w = - \quad \text{HDD} = 25 \quad \Sigma P_{\text{roof}} = 0.8''$$

$$T_{\text{down}} = 13 \quad \Sigma \text{HDD} = 275$$

Tuesday, Apr. 14, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.						
Max.	47 °F	Dir.	-	Temp.	OVERNIGHT LOW N 31 - Thin Ci SW @ obs						
				73 °F							
Min.	27 °F	Vel.	0 m.p.h.	Read.				29.14 in.			
Set	34 °F	Char.	CALM	Corr.	29.01 in.	0800	1200	1900			
R.H.	50 %	24 hr. Mov.	21.5 mi.	Sea L.	30.42 in.	Clds.	-1/10 Ci	Clds.	1/16 Ci	Clds.	
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	-1.2 mb	Wx	MOSTLY SUNNY	Wx	MOSTLY SUNNY	Wx	
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPB	Vis.	15 mi.	Vis.	20 mi.	Vis.	mi.

$$\bar{T} = 37$$

$$H_{\rightarrow} = 28$$

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

$$\sum H_{\rightarrow} = 303$$

$$T_w = 28.5$$

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

$$T_d = 17$$

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

$$T_{\text{panels}} = 18$$

$$\sum \text{ppn. L} = .59'' \quad \sum \text{ppn. S} = 0.8''$$

Wed Apr. 15, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. NE	Temp. 74 °F			
Min.	33 °F	Vel. 8 m.p.h.	Read. 29.14 in.	* 16, 17, 19-21 & MISSING on RAMOS DATA		
Set	34 °F	Char. light	Corr. 29.01 in.			
R.H.	54 %	24 hr. Mov. 69.1 * mi.	Sea L. 30.43 in.	Clds. 1/10	Clds. 5/10 (set) 6/10	Clds. 4/10
Ppn.	— in.	Prev. Dir. W *	3 hr. Tend. +1.5 mb	Wx OVC	Wx SUNNY, LET. BRICKLE	Wx ? CLEAR
Ppn.	— in.	Snow Depth — in.	Observer LAM	Vis. 15 mi.	Vis. 15 mi.	Vis. 15 mi.

$$T = 35$$

$$\bar{T} = 47$$

$$H_{DD} = 18$$

$$T_{Dmax} = 15$$

$$T_{Dmin} = 19$$

$$\Sigma H_{DD} = 321$$

$$\Sigma p_{PNL} = .59 \quad \Sigma p_{NS} = 0.8$$

Thursday April 16, 1942

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	59 °F	Dir.	S	Temp.	75 °F	AT ~ 1700Z (1300L) TOP RELEASED ON INSTRUMENT SHELTER RW-2330-2345 LT RW-0750-085 LT QUENITE = 48							
Min.	34 °F	Vel.	14 m.p.h.	Read.	28.98 in.								
Set	48 °F	Char.	VAR	Corr.	28.95 in.								
R.H.	53 %	24 hr. Mov.	38.7 mi.	Sea L.	30.22 in.	Clds.	10/10	1300	Clds.	10/10	1900	Clds.	10/10
Ppn.	T in.	Liq.		Prev. Dir.	S	3 hr. Tend.	-0.5 mb	Wx	OVC RW-	Wx	2.11	Wx	Low Fog dev.
Ppn.	- in.	Sol.		Snow Depth	- in.	Observer	SC	Vis.	7 mi.	Vis.	15 mi.	Vis.	E5 mi.

$$\bar{T} = 47$$

$$H_{00} = 18$$

$$\Sigma H_{00} = 339$$

$$\Sigma PPN_L = .59''$$

$$\Sigma PPN_S = 0.8''$$

$$T_{0000} = 31$$

$$T_{0001} = 35$$

$$\Sigma T_{000} = 46$$

$$T_U = 39$$

$$T_0 = 30$$

Friday April 17, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 55 [*] °F	Dir. SW	Temp. 76 °F	<ul style="list-style-type: none"> • AT Fog along Ridge AREA • Cloud BASE just above Ridge 50 • yellow smokes on last floors in TOWN northeast to EAST • AT was low than temps here in WFF • RW - 1140-1150 BUT HIGH 1130 HRS. • WARM PERLA 0000 • RW - 0000 - WEGG 0005 AT 				
Min. 47 [*] °F	Vel. 9 m.p.h.	Read. 28.73 in.					
Set 55 [*] °F	Char. Vc ^{ns} steady	Corr. 28.59 in.					
R.H. 90 %	24 hr. Mov. 115 mi.	Sea L. 29.92 in.	Clds. 10/10 stratocum 10/10 cond	0700	1300	1900	
Ppn. .24 in.	Liq.	Prev. Dir. S	3 hr. Tend. +1 1/2 mb	Wx • ova • thin fog • trapped	Wx DAMP, MUSBY	Wx MUSBY	
Ppn. 0 in.	Sol.	Snow Depth 0 in.	Observer JK	Vis. 15 mi.	Vis. 10 mi.	Vis. 10 mi.	

$$\begin{array}{lll} T_{\text{roof}} = 55 & \bar{T} = 51 & \sum P_{\text{LN}} = .83'' \\ T_w = 53 & \text{HDD} = 14 & \sum P_{\text{CN}} = .8'' \\ T_L = 52 & \sum \text{HDD} = 353 & \end{array}$$

Sat. April 18, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	65 °F	Dir.	NE	Temp.	74 °F	OCNL RW - ~ obs - 0900LT		
Min.	44 °F	Vel.	2 m.p.h.	Read.	28.93 in.	R - ~ 1400 ~ 1500LT		
Set	44 °F	Sty	LIGHT	Corr.	28.86 in.	R - ~ 0700 - obs		
R.H.	86 %	24 hr. Mov.	94.6 mi.	Sea L.	30.18 in.	0700	1300	1900
Ppn.	.16 in.	Prev. Dir.	SW	3 hr. Tend.	+1 mb	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	LAM	Wx	Wx	Wx
						19/10		19/10
						Light Rain & FOG		Foggy
						Vis.	Vis.	Vis.
						2 mi.		2 mi.

$$T_{ROOF} = 43$$

$$T = 55$$

$$H_{AD} = 10$$

$$\Sigma H_{ID} = 363$$

$$\Sigma PPN = .99''$$

$$\Sigma PPN_S = .8$$

$$T_{DRAINOS} = 38$$

$$T_{DELNU} = 39$$

SUNDAY APRIL 19, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max 49 °F	Dir. E	Temp. 74 °F	R-obs - 1445 LT			
Min. 43 °F	Vel. 8 m.p.h.	Read. 29.04 in.	RW - ~1515 - 1547 LT			
Set 44 °F	Char. light	Corr. 28.91 in.	RW - ~1700 - 1900 LT (W52)			
R.H. 92 %	24 hr. Mov. 23.2 mi.	Sea L. 30.30 in.	Cld. observed	Cld. 10/10	Cld. 10/10	
Ppn. .22 in.	Liq. E	Prev. Dir. E	3 hr. Tend. +1 mb	Wx FOGGY!	Wx OVC FOG	
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer LAM	Vis. 1 1/2 mi.	Vis. — mi.	
					2 mi.	

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

$$T_{\text{Dramos}} = 48$$

$$\bar{T} = 40$$

$$T_{\text{Downr}} = 41$$

$$H_{\text{DD}} = 19$$

$$\Sigma H_{\text{DD}} = 372$$

L ~ 0600 - obs LT

$$\Sigma \text{PPN}_L = 1.2'' \quad \Sigma \text{PPN}_S = .8''$$

Monday April 20 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	52 °F	Dir.	SSS	Temp.	74 °F		
Min.	44 °F	Vel.	2 m.p.h.	Read.	28.97 in.		
Set	47 °F	Char.	lt + variable	Corr.	28.84 in.		
R.H.	83 %	24 hr. Mov.	36 mi.	Sea L.	30.21 in.	Clds.	10/10
Ppn.	T in.	Prev. Dir.	E**	3 hr. Tend.	0 mb	Wx	LOW OVER FROM 100 CHANGE DIR
Ppn.	0 in.	Snow Depth	0 in.	Observer	JAK	Vis.	4 v. 15 mi.
						0700	1300
							1900
						Clds.	Clds.
							10/10 OVC
						Wx	Wx CLOUDY
							MED
						Vis.	Vis.
							10 mi.

STRAITS BACK MOUNTAIN AND ORIENTED
FROM THE NORTHWEST TO SOUTHWEST
WITH EXCEPTION OF OVER MT. MIT.
NEW RIDGE TIPS OBSERVED
2" OFF + ON SINCE OBS 4/19 (yesterday)
ONLY LOWS 46
KINDA SAYS IT ALL, DON'T IT?

$$\begin{array}{lll} T_{avg} = 46 & \bar{T} = 48 & \sum P_{CN_s} = 1.2'' \\ T_w = 44 & HDD = 17 & \sum P_{CN_s} = .8'' \\ T_d = 41 & \sum HDD = 389 & \end{array}$$

Tues. April 21, 1992

0000 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	60 °F	Dir.	NNW	Temp.	OVNBT. LO ~ 54°		
Min.	47 °F	Vel.	3 m.p.h.	Read.	L- ~ 0000-0400 LT		
Set	59 °F	Char.	Variable	28.84 in.	0645-obs		
R.H.	96 %	24 hr. Mov.	100.8 mi.	28.70 in.	0700	1200	1900
Ppn.	01 in.	Prev. Dir.	S	Sea L.	Clks. - 10/10 (over)	Clks. 19/10	Clks.
Ppn.	0 in.	Snow Depth	0 in.	3 hr. Tend.	Wx DRIZZLE	Wx RAIN	Wx
				Observer	FOG	FOG	
					Vis. L-F	Vis. R-F	Vis.
				CPB	1 1/2 mi.	3 mi.	mi.

$$\bar{T} = 53$$

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

$$H_{\rightarrow\rightarrow} = 12$$

$$\sum H_{\rightarrow\rightarrow} = \text{401}$$

$$T_{\text{roof}} = 59$$

$$T_w = 58.5$$

$$T_d = 58$$

$$T_{d \text{ unv}} = 54$$

$$T_{d \text{ Ramos}} = 54$$

$$\sum \text{ppn.}_L = 1.22''$$

$$\sum \text{ppn.}_S = 0.8''$$

Wed. April 22, 1992
1700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. —	Temp. 78 °F	L - obs - 0930 LT R, DCN1 R 0930-1340 LT T 1350 LT (1.9) R21 - 1150-0000 LT L, DCN1 R ~ 0030-130 LT			
Min. 58 °F	Vel. 0 m.p.h.	Read. 28.82 in.				
Set 59 °F	Char. CALM	Corr. 28.68 in.	0700	1300	1900	
R.H. 77 %	24 hr. Mov. 109.3 mi.	Sea L. 3001 in.	Cld. 10 - stratus 10 - ci	Cld. - 7/10 BKN	Cld. 10	
Ppn. .80 in.	Liq. S	Prev. Dir. S	3 hr. Tend. +25 mb	Wx Bright, but cloudy	Wx peeks of sun!	
Ppn. — in.	Sol. — in.	Snow Depth — in.	Observer LAM	Vis. 10 mi.	Vis. 10 mi.	

NO. OF STATION: 4210443 UNIT: 1 FORM: 4317 (4-6-78) CHECKED: 10/1/92 10/1/92

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

$$T_w = 54$$

$$\bar{T} = 62$$

$$\#_{\text{DO}} = 3$$

$$\sum H_{\text{DO}} = 404$$

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

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

$$T_0 = 51$$

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

$$\sum \text{PPNL} = 2.02'' \quad \sum \text{PPNS} = .8''$$

Thursday April 23, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max	72 °F	Dir	NW	Temp.	76 °F			
Min.	49 °F	Vel.	10 m.p.h.	Read.	29.01 in.			
Set	49 °F	Char.	no break	Corr.	28.87 in.	0700	1300	1900
R.H.	58 %	24 hr. Mov.	303 mi.	Sea L.	30.26 in.	Clds. $\frac{4}{10}$ ci	Clds. $\frac{1}{10}$ alto-cumulus	Clds. $\frac{1}{10}$ alto-cumulus
Ppn.	— in.	Prev. Dir.	W	3 hr. Tend.	+2 mb	Wx	Wx	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	LAN	Vis.	Vis.	Vis.
						15 mi.	25 mi.	25 mi.

$$\begin{array}{ll} T_{\text{roof}} = 49 & T_{\text{branes}} = 32 \\ T_W = 41 & T_D = 31 \\ \overline{T} = 6 & T_{D \text{ unv}} = 35 \\ H_{DD} = 4 & \\ \Sigma H_{DD} = 408 & \Sigma C_{DD} = 0 \end{array}$$

$$\Sigma \text{PPNL} = 2.02'' \quad \Sigma \text{PPNS} = 0.8''$$

Friday April 24 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. SW	Temp. 80 °F	<ul style="list-style-type: none"> • TFW Receding NE, second TFW approaching SW • LTG 0530 LT 		
Min.	49 °F	Vel. 134 38 m.p.h.	Read. 28.70 in.	<ul style="list-style-type: none"> • TB 0730 LIEGEEH TAW - 0745 LT • Rainy, Secondary Lambton 0748 • over low: 59 		
Set	59 °F	Char. Gusty	Corr. 28.55 in.	0700	1300	1900
R.H.	70 %	24 hr. Mov. 132 mi.	Sea L. 29.87 in.	Clds. cu 10/10 sc /10 ac	Clds.	Clds.
Ppn.	.02 in.	Prev. Dir. W	3 hr. Tend. -1/8 W mb	Wx .LIEGEE • TFW • Gusty wind	Wx	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer JK	Vis. 10 v. 30 mi.	Vis. mi.	Vis. mi.

$$T_{\text{avg}} = 60 \quad \bar{T} = 62 \quad \sum P_{\text{LN}} = 2.04''$$

$$T_w = 54 \quad \text{HDD} = 3 \quad \sum P_{\text{LN}} = 0.8''$$

$$T_d = 50 \quad \sum \text{HDD} = 411$$

Saturday Apr. 25, 1992 0000 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F	Dir. WNW	Temp. 76 °F	TRW - obs - 0825 LT (LTCC) TRW 0825-0835 LT (LTCC) RW 0905-1040 LT TRW+A ~ 1355-1405 LT (FRT LTCC/pea-sized HAIL)			
Min. 45 °F	Vel. 2 m.p.h.	Read. 28.60 in.	0800	1300	1900	
Set 46 °F	Char. 'LIGHT'	Corr. 28.46 in.				
R.H. 86 %	24 hr. Mov. 148.4 mi.	Sea L. 29.82 in.	Clds. 'B' Novc -10/10 W'	Clds.	Clds. 10/10	
Ppn. 0.45 in.	Liq. in.	Prev. Dir. W	3 hr. Tend. NO CHANGE mb	Wx CLOUDY, COOL	Wx OVC	
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer CPB	Vis. 6 mi.	Vis. mi.	

$$\bar{T} = 52.57$$

$$H_{DD} = 18.8$$

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

$$\sum H_{DD} = 424$$

$$\sum \text{ppn}_{.2} = 2.49'' \quad \sum \text{ppn}_{.5} = 0.8''$$

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

$$T_w = 43$$

$$T_d = \del{42} (42)$$

$$T_{d_{NW}} = 38 \quad T_{d_{RW}} = 37$$

* PK WIND GUST = 54 mph
VIS ~ 1/16 mile in TRW+
RW - 1525 - 1530 LT
TRW - 1600 - 1620 LT
L - ~ 0515 - 0700 LT

SUNDAY April 26, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. N	Temp. 75 °F	Thunder Hood ¹⁸³⁰ 2000 LT		
Min.	39 °F	Vel. 5 m.p.h.	Read. 28.65 in.	R. ~ 0300 ^{LT} -OBS		
Set	40 °F	Char. Steady	Corr. 28.52 in.	INTERMITTENT RW- (approximate) SAT. → Easy Eye		
R.H.	89 %	24 hr. Mov. 31.1 mi.	Sea L. 29.99 in.	0700 Clds. 10/10	1300 Clds.	1900 Clds.
Ppn.	.14 in.	Prev. Dir. W	3 hr. Tend. +1 / mb	Wx FOG R-	Wx	Wx
Ppn.	- in.	Snow Depth -	Observer SC	Vis. 3 mi.	Vis. mi.	Vis. mi.

$$\bar{T} = 46$$

$$H_{00} = 19$$

$$\Sigma H_{00} = 439$$

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

$$\Sigma P_{N_2} = 2.63''$$

$$\Sigma P_{N_3} = 0.9''$$

$$T_{R_{00}} = 39$$

$$T_{U_{00}} = 40$$

$$T_{O_{00}} = 37$$

$$T_{W_{00}} = 38$$

$$T_{O_{00}} = 37$$

Monday April 27 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. N	Temp. 74 °F	0800 • RW - 1640 LT (Dense RW) (TRW - ~1615) • RW 1730 - 1755 LT • RW 1900 - 1930 LT		
Min.	40 °F	Vel. 44 ¹⁰ m.p.h.	Read. 28.79 in.			
Set	42 °F	Char. high / variable.	Corr. 28.66 in.	0700	1200	1900
R.H.	62 %	24 hr. Mov. 14 mi.	Sea L. 30.03 in.	Clds. 10/100 no sun shades	Clds. 8/10 SIRCH (BKN)	Clds.
Ppn.	.28 in.	Prev. Dir. SW	3 hr. Tend. +1 1/2 mb	Wx • cloudy • drizzling	Wx HINTS OF SUN	Wx
Ppn.	0 in.	Snow Depth 0 in.	Observer JCK	Vis. 30 mi.	Vis. 20 mi.	Vis. mi.

$$T_{\text{roof}} = 42 \quad \bar{T} = 45 \quad \sum p_c N_c = 2.91''$$

$$T_w = 36 \quad \text{HDD} = 20 \quad \sum p_c N_c = 0.8''$$

$$T_L = 30 \quad \sum \text{HDD} = 457$$

Tuesday April 28, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	55 °F	Dir.	N	Temp.	74 °F			
Min.	37 °F	Vel.	8 m.p.h.	Read.	28.90 in.			
Set	44 °F	Char.	WINDY	Corr.	28.77 in.	0700	1200	1900
R.H.	43 %	24 hr. Mov.	21.2 mi.	Sea L.	30.15 in.	Clds.	2/10 Ci	9/10
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	+1.6/ mb	Wx	MOSTLY SUNNY	MOSTLY CLOUDY
Ppn.	0 in.	Snow Depth	0 in.	Observer	CPB	Vis.	30 mi.	30 mi.
						Vis.		mi.

$$\bar{T} = 46$$

$$H_{DD} = 19$$

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

$$\sum H_{DD} = 476$$

$$T_w = 36$$

$$T_d = \del{26} 23$$

$$T_{d_{uv}} = 26$$

$$T_{d_{RM}} = 26$$

$$\sum pcn_L = 2.91'' \quad \sum pcn_S = 0.8''$$

Wed. Apr 29, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	58 °F	Dir.	—	Temp.	72 °F	FOG ALONG BASE OF TUSSEY + HITMAN RIDGE		
Min.	32 °F	Vel.	0 m.p.h.	Read.	28.91 in.			
Set.	38 °F	Char.	CALM	Corr.	28.78 in.			
R.H.	60 %	24 hr. Mov.	19.1 mi.	Sea L.	30.18 in.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NNE	3 hr. Tend.	+0.5 mb	Clds. 0/10	Clds. -/10	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	LAM	Wx	Wx	Wx
						Sunny	crystal Blue Sky	
						Vis.	Vis.	Vis.
						15 mi.	15 mi.	mi.

$$T_{\text{rot}} = 41$$

$$T_{\text{D rands}} = 26$$

$$\bar{T} = 45$$

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

$$H_{\text{DO}} = 20$$

$$\sum H_{\text{DO}} = 496$$

$$\sum \text{PPNL} = 2.91''$$

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

$$\sum \text{PPNS} = 0.8''$$

Thurs. Apr. 30, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	66 °F	Dir.	SW	Temp.	72 °F	R- ~ 0715 - obs		
Min.	38 °F	Vel.	2 m.p.h.	Read.	28.73 in.			
Set	50 °F	Char.	light	Corr.	28.60 in.	ONT LOW = 48		
R.H.	65 %	24 hr. Mov.	58.3 mi.	Sea L.	29.95 in.	0700	1200	1900
Ppn.	7 in.	Prev. Dir.	SSW	3 hr. Tend.	-0 mb	Cld.	Cld.	Cld.
Ppn.	— in.	Snow Depth	— in.	Observer	LAM	10/110	10/STAYDOWN 1.0	11/110
						Wx	Wx	Wx
						light Rain	• 2 - • 1 HAZE	over Haze
						Vis.	Vis.	Vis.
						8 mi.	12 mi.	7 mi.

$$T_{\text{roof}} = 48 \quad T_{\text{Drenos}} = 34$$

$$\bar{T} = 52 \quad T_{\text{D UNV}} = \del{37} 37$$

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

$$\Sigma H_{\text{DD}} = 508$$

$$\Sigma \text{PPN}_L = 2.91'' \quad \Sigma \text{PPN}_S = 0.8''$$