

Fri. February 1, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	26 °F	Dir. SW	Temp. 73 °F	• SW - 0715-0730 0800-0900 1130-1200 1530-1600 1330-1415 • SW+ 0745-0800 1315-1340 SW • SW+ 1650-1705 • SW+ 63 mph 0930, temp June 50 1400-15		
Min.	17 °F	Vel. 7 m.p.h.	Read. 29.32 in.			
Set	17 °F	Char. Steady	Corr. 29.19 in.	0700	1300	1900
R.H.	57 %	24 hr. Mov. 301 mi.	Sea L. 30.67 in.	Clds. 8/10 amount 1/10 stratus	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +2 1/2 / mb	Wx Mcloody	Wx	Wx
Ppn.	Sol. .1 in.	Snow Depth T in.	Observer JCK	Vis. 25 mi.	Vis. mi.	Vis. mi.

$$\begin{array}{l} T_{\text{obj}} = 15 \quad F = 22 \quad \sum PCN_1 = T \\ T_w = \text{---} \quad HDB = 43 \quad \sum PCN_2 = .1'' \\ T_d = 2 \quad \sum HDB = \frac{4622}{43} \end{array}$$

SAT. FEBRUARY 2, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	34 °F	Dir.	—	Temp.	73 °F	
Min.	16 °F	Vel.	0 m.p.h.	Read.	29.26 in.	
Set	25 °F	Char.	Calm	Corr.	29.13 in.	
R.H.	50 %	24 hr. Mov.	50.0 mi.	Sea L.	30.58 in.	
Ppn.	0.0 in.	Prev. Dir.	S SW	3 hr. Tend.	-1.5 mb	
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	SC	
				Vis.	20 mi.	
				Vis.		
				Vis.		

0700	1300	1900
Clds. Stratus 2/10	Clds.	Clds.
Wx Calm	Wx	Wx
Vis.	Vis.	Vis.

$$T_D = 8.3$$

$$HDD = 40$$

$$\Sigma PCN_L = T$$

$$\bar{T} = 25$$

$$\Sigma HDD = 83$$

$$\Sigma PCN_S = .1'$$

$$T_{roof} = 21$$

Sun. Feb. 3, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	53 °F	Dir.	S	Temp.	72 °F	Thin k 1yr N-NE OVRT LO = 34		
Min.	24 °F	Vel.	9 m.p.h.	Read.	29.17 in.			
Set	35 °F	Char.	Steady	Corr.	29.04 in.	0700	1300	1900
R.H.	52 %	24 hr. Mov.	116.4 mi.	Sea L.	30.44 in.	Clds.	Clds.	Clds.
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	+0.8 mb	Wx	Wx	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	ESP	Vis.	Vis.	Vis.
						25 mi.	mi.	mi.

Prof: 39

Idios: 22

FAVOR: 24

\bar{T} : 39

Itos: 26

Σ Itos: 89

SPK(L): T

EPK(I): 0.1"

MONDAY, FEB 4, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58* °F	Dir. SW	Temp. 73 °F	*old record 57 (1927) - sun nearing horizon at obs - strong inversion (T _{surf} = 44 @ obs)			
Min. 31 °F	Vel. 10 m.p.h.	Read. 29.11 in.				
Set 38 °F	Char. steady	Corr. 28.98 in.				
R.H. 38 %	24 hr. Mov. 116 mi.	Sea L. 30.29 in.	0700 Clds. 4/10 altostratus	1300 Clds.	1900 Clds.	
Ppn. 0 in.	Liq. Prev. Dir. W	3 hr. Tend. + 1/2 mb	Wx mostly clear	Wx	Wx	
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer MSS	Vis. 20 mi.	Vis. mi.	Vis. mi.	

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

$$\text{HDD} = 20$$

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

$$\Sigma \text{HDD} = 109$$

$$T_d = 21$$

$$\Sigma \text{PCN}_2 = T$$

$$\Sigma \text{PCN}_3 = 0.1''$$

$$\bar{T} = 45$$

Feb 5, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	* 61 °F	Dir. SW	Temp. 74 °F	Mostly Cloudy with breaks towards the south		
Min.	36 °F	Vel. 5 m.p.h.	Read. 29.00 in.	-NEW RECORD MAX. 61° OLD RECORD WAS 60° (1962)		
Set	41 °F	Char. Calm - Var. 7mph	Corr. 28.87 in.	MIN T OCARD ~ 0800 LT, 4TH CURRENT LO ~ 38		
R.H.	52 %	24 hr. Mov. 92.9 mi.	Sea L. 30.26 in.	Clds. 7/10	Clds.	Clds.
Ppn. Liq.	0 in.	Prev. Dir. SW	3 hr. Tend. ✓ 100 mb	Wx mstly cldy	Wx	Wx
Ppn. Sol.	0 in.	Snow Depth 0 in.	Observer SC	Vis. 20 mi.	Vis. mi.	Vis. mi.

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

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

$$T_d = 31$$

$$\bar{T} = 49$$

$$HDD = 21$$

$$\Sigma HDD = 130$$

$$\Sigma PCN_s = T$$

$$\Sigma PCN_s = 0.1''$$

Wed. Feb. 6, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60* °F	Dir. NE	Temp. 74 °F		* - Record Hi (prev 58 in 1938) ** - Record max/min (prev 36 in 1960) RW - 1310-1320 LT, 1800-1810 LT RW - 1745-1740 LT Deal L, RW -- over vsby N 5/8 min overrd ~ 0800 LT 5A		
Min. 40** °F	Vel. 6 m.p.h.	Read. 29.04 in.				
Set 46 °F	Char. Steady	Corr. 28.81 in.		0700	1300	1900
R.H. 91 %	24 hr. Mov. 58.7 mi.	Sea L. 30.19 in.	Clds. X	Clds.	Clds.	
Ppn. .01 in.	Liq. Prev. Dir. SW	3 hr. Tend. -0.0 mb	Wx L--F	Wx	Wx	Wx
Ppn. 0 in.	Sol. Snow Depth 0 in.	Observer ESP	Vis. 1/2 mi.	Vis. mi.	Vis. mi.	mi.

Doof: 48.5

Tut: 44

Tp: 43

T: 50

W: 15

E(W): 145

$\epsilon_{p(2)}$: .01"

$\epsilon_{p(3)}$: 0.1"

MIN T OCURD AFTER
OBS ON 5th

OVRNT LO = SET (46)

Thurs February 7 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 46 °F	Dir. NNE	Temp. 74 °F		* CORN 4 - OBS - 0845 LT * R - 0845 - 1600 LT * L - 1400 - 1430 * R - 1800 - 2000 * L - R - 2000 - OBS (CORN R) * RAD Max Min (918, 53, 45) - OVER LOW: 42 (525 - about 11/2 mi)		
Min. * 42 °F	Vel. 7 m.p.h.	Read. 28.84 in.		OBS WTRD TARMON 1300 Z (EMPTY PUMP) old = 36 (918, 53, 45)		
Set 42 °F	Char. Steady	Corr. 28.71 in.		0700	1300	1900
R.H. R 86 %	24 hr. Mov. 31 mi.	Sea L. 30.09 in.	Clds. 10/10 stratus	Clds.	Clds.	
Ppn. Liq. .61 in.	Prev. Dir. NE	3 hr. Tend. ±0 mb	Wx .R - .Fog	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JK	Vis. 1/2 - 3/4 mi.	Vis. mi.	Vis. mi.	

$$\begin{array}{lll} T_{\text{roof A}} = 42 & \bar{T} = 45 & \Sigma A_{\text{A}_1} = .62'' \\ T_w = \text{---} & \text{HDD} = 20 & \Sigma A_{\text{A}_2} = 0.1'' \\ T_d = 38 & \Sigma \text{HDD} = 165 & \end{array}$$

Fri. Forenoon 8 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F	Dir. NW	Temp. 74 °F		• R - 0800 - 1300 LT • L - 0900 - 1400 LT		
Min. 36 °F	Vel. 8-11 m.p.h.	Read. 28.91 in.		• over low: 36		
Set 36 °F	Char. sh. fog variable	Corr. 28.78 in.		0700	1300	1900
R.H. R 72 %	24 hr. Mov. 46 mi.	Sea L. 30.18 in.	Clds. 10/10	Clds.	Clds.	
Ppn. Liq. .10 in.	Prev. Dir. N	3 hr. Tend. ±0 mb	Wx • sh. fog • light fog	Wx	Wx	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer JEK	Vis. 4 mi.	Vis. mi.	Vis. mi.	

$$\begin{aligned} T_{avg} &= 34 & \bar{T} &= 40 & \sum A_{w,2} &= .72 \\ T_w &= - & NDB &= 25 & \sum A_{w,3} &= 0.1 \\ T_d &= 25 & \sum A_{w,0} &= 190 & & \end{aligned}$$

Feb. 9, Saturday 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. W	Temp. 73 °F	MINT OCURD ~ 2330LT, 8th		
Min.	30 °F	Vel. 8 m.p.h.	Read. 28.75 in.			
Set	33 °F	Char. VAR.	Corr. 28.62 in.			
R.H.	75 %	24 hr. Mov. 128.9 mi.	Sea L. 30.03 in.	Clds. 10/10	Clds.	Clds.
Ppn.	Liq. 0 in.	Prev. Dir. W	3 hr. Tend. 41 mb	Wx OVRCAST	Wx	Wx
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer SC	Vis. 5 mi.	Vis. mi.	Vis. mi.

$$T_{ROOF} = 31$$

$$\bar{T} = 36$$

$$\Sigma PCN_s = .7\bar{2}''$$

$$T_w = -$$

$$HDD = 29$$

$$\Sigma PCN_s = 0.1''$$

$$T_d = 28$$

$$\Sigma HDD = 219$$

Sun. Feb. 10, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.			Dir.		Temp.		Very low cig - ridges E-SW obsc Vcby SE-SW, 1 mi.		
36	°F		W		72	°F			
Min.			Vel.		Read.				
33	°F		16 m.p.h.		28.67	in.			
Set			Char.		Corr.		0700	1300	1900
33	°F		Steady		28.54	in.			
R.H.			24 hr. Mov.		Sea L.		Clds.	Clds.	Clds.
72	%		68.7	mi.	29.93	in.	¹⁰ / ₁₀ ST		
Ppn.	Liq.		Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
0	in.		W		✓ +0.1	mb	OVC		
Ppn.	Sol.		Snow Depth		Observer		Vis.	Vis.	Vis.
0	in.		0	in.	ESP		5	mi.	mi.

Troof: 34

T-r: 31

Td: 26

Td runs: 23

F: 25

Hoo: 20

E Hoo: 249

Spn(L): ~~20~~ .72

Spn(S): 0.1

MONDAY, FEBRUARY 11, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.	40 °F	Dir.	NNW	Temp.	76 °F	• SW 0430-0525 LT, 11 th	
Min.	24 °F	Vel.	18 m.p.h.	Read.	28.72 in.	• SW - 0525-0630 LT, 11 th	
Set	24 °F	Char.	Gusts to 28	Corr.	28.58 in.	• Virona W	
R.H.	47 %	24 hr. Mov.	165 mi.	Sea L.	29.86 in.	Clds. 9/10	Clds.
Ppn.	T in.	Prev. Dir.	W	3 hr. Tend.	+2 mb	Wx	Wx
Ppn.	T in.	Snow Depth	0 in.	Observer	MSS	Vis.	Vis.
						15 mi.	mi.

$$T_{\text{ref}} = 21$$

$$T_{\text{ams}} = 4$$

$$\bar{T} = 32$$

$$HDD = 33$$

$$\Sigma HDD = 282$$

$$\Sigma PCN_s = 0.72''$$

$$\Sigma PCN_s = 0.1''$$

TUES, February 12, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	29 °F	Dir. NW	Temp. 74 °F	FEW MINOR BREAKS IN CLOUDS Itmt SW - DURING DAY AND NIGHT		
Min.	17 °F	Vel. 8 m.p.h.	Read. 28.92 in.			
Set	19 °F	Char. Slight Var	Corr. 28.79 in.			
R.H.	50 %	24 hr. Mov. 206.4 mi.	Sea L. 30.24 in.	Clds. 9/10	Clds.	Clds.
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. +1.5 mb	Wx Overcast	Wx	Wx
Ppn.	T in.	Snow Depth T in.	Observer SC	Vis. 10 mi.	Vis. mi.	Vis. mi.

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

$$T_{\text{down}} = 5$$

$$\bar{T} = 23$$

$$HDD = 42$$

$$\Sigma HDD = 324$$

$$\Sigma PCN_L = 0.72''$$

$$\Sigma PCN_S = 0.1''$$

Wed, Feb 13, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.			
Max.	28	°F	Dir.	-	Temp.	74	°F	• waves visible W-N-E OVRT LO = 25 @ 2000 LT		
Min.	19	°F	Vel.	0 m.p.h.	Read.	28.56	in.			
Set	27	°F	Char.	calm	Corr.	28.43	in.	0700	1300	1900
R.H.	58	%	24 hr. Mov.	67 mi.	Sea L.	29.71	in.	Clds. 10/10 :Ac	Clds.	Clds.
Ppn.	0	in.	Prev. Dir.	SW	3 hr. Tend.	-1	mb	Wx overcast	Wx	Wx
Ppn.	0	in.	Snow Depth	0 in.	Observer	MSS		Vis. 12 mi.	Vis. mi.	Vis. mi.

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

$$HDD = 41$$

$$T_d = 12$$

$$\Sigma HDD = 365$$

$$\bar{T} = 24$$

$$\Sigma PCN_L = 0.72''$$

$$\Sigma PCN_S = 0.1''$$

Thurs. Feb. 14, 1941

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	0	Temp.	74 °F	PRECIP vsby E-SW 1/8 Precip Summary on back		
Min.	27 °F	Vel.	- m.p.h.	Read.	27.90 in.	OVERT low: 30° ~ 2000 / High Yesterday: 72°		
Set	32 °F	Char.	Calm	Corr.	27.77 in.	0700	1300	1900
R.H.	97 %	24 hr. Mov.	33.8 mi.	Sea L.	29.13 in.	Clds.	Clds.	Clds.
Ppn.	0.28 in.	Prev. Dir.	ENE	3 hr. Tend.	-3.5 mb	Wx	Wx	Wx
Ppn.	1.7 in.	Snow Depth	2 in.	Observer	ESP	Vis.	Vis.	Vis.
						1/4 mi.	mi.	mi.

Troof: 32

Turf: 31.5

Td: 31

Tf: 30

Wog: 35

\sum Wog 400

Epen(u): 1.00''

Epen(s): 1.8''

SW-SPW- 1200-1230 LT
1315-1330 LT

IA- 1600-1620 LT
2260-2215 LT
2245-2310 LT

IP 1745-1800 LT

ZR- 800-2100 LT

S- 2045-2200 LT

S 2130-2230 LT

ZL- 0200-0605 LT

Fri. February 15 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		°F	Dir.		Temp.		<ul style="list-style-type: none"> • BL - 0700 - 1200 LT SKYPT • 2R - 0800 - 0900 (1 1/4" dia.) • S - 0945 - 1230 LT (flakes 0945 - 1015 LT) • L - 1230 - 1400 • R - 0900 - 1230 LT (LOCAL R) • SW - 2220 - 2240 LT (LOCAL SW) • SW - 0845 - 0945 LT → 		
36			WSW		74	°F			
Min.		°F	Vel.		Read.				
24			14-23	m.p.h.	28.02	in.			
Set		°F	Char.		Corr.				
24			Variable		28.79	in.	0700	1300	1900
R.H.		%	24 hr. Mov.		Sea L.		Clds.	Clds.	Clds.
67			198	mi.	29.23	in.	10/10		
Ppn.	Liq.	in.	Prev. Dir.		3 hr. Tend.		Wx	Wx	Wx
.27			SW		+1	mb	• 0V4 • S-		
Ppn.	Sol.	in.	Snow Depth		Observer		Vis.	Vis.	Vis.
.3			1	in.	JK		5	mi.	mi.

$$\bar{T}_{\text{ring}} = 21$$

$$T_w = -$$

$$T_d = 10$$

$$\bar{T} = 30$$

$$HDD = 35$$

$$\sum HDD = 435$$

$$\sum PCN_v = 1.27$$

$$\sum PCN_s = 2.1$$

• Lowest PWS: 28.94" (98.0 mb) 1400 LT
(Station PWS: 932.7 mb)

$10_{min} = 1$

$T_{paramos} = -2$

$T_w = -$

$T_{trasf} = 7$

$\bar{T} = 16$

$HDD = 49$

$\Sigma HDD = 484$

$\Sigma PCN_c = 1.29''$

$\Sigma PCN_s = 2.5''$

Sun. Feb. 17, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 26 °F	Dir. SW	Temp. 76 °F	S- 0100-0300 LT (cnd S--) BIMOV			
Min. 9 °F	Vel. 17 m.p.h.	Read. 28.78 in.	Ystrdy LO: 9 @ 0700 LT (obs) Ystrdy HI: 16 @ 1500 LT QVstr LO: 14 @ 2000 LT			
Set 26 °F	Char. Wstrdy to 24	Corr. 28.64 in.	0700	1300	1900	
R.H. 56 %	24 hr. Mov. 207.8 mi.	Sea L. 30.07 in.	Clds. 10/10 AS SC	Clds.	Clds.	
Ppn. Liq. T in.	Prev. Dir. WSW	3 hr. Tend. +1.0 mb	Wx S--	Wx	Wx	
Ppn. Sol. T in.	Snow Depth 1 in.	Observer ESP	Vis. 20 mi.	Vis. mi.	Vis. mi.	

Treat: 20.5

Pre: 24.5

FD: 19

Totals: 13

F 18

H₀: 47

ΣH₀: 531

ΣP_n(L): 1.294

ΣP_n(S): 2.54

MONDAY, FEBRUARY 18, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	E	Temp.	74 °F	• S-- obs, 17 th • overnite low: 26 @ 0130 LT			
Min.	26 °F	Vel.	6 m.p.h.	Read.	29.05 in.				
Set	32 °F	Char.	4 V 10	Corr.	28.92 in.	0700	1300	1900	
R.H.	66 %	24 hr. Mov.	59 mi.	Sea L.	30.22 in.	Clds.	Clds.	Clds.	
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	1 + 1/2 mb	Wx	Wx	Wx	
Ppn.	T in.	Snow Depth	1 in.	Observer	MSS	Vis.	Vis.	Vis.	
						5 mi.	mi.	mi.	

$$T_{roof} = 30$$

$$T_{drums} = 20$$

$$\bar{T} = 29$$

$$HDD = 36$$

$$\Sigma HDD = 567$$

$$\Sigma PCN_4 = 1.29''$$

$$\Sigma PCN_5 = 2.5''$$

Tues. Feb. 19, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.					
Max.	35	°F	Dir.	SW	Temp.	73	°F	R-L- 1000LT - obs atchy 2R- 1000-1200LT visby NE 2 1/2				
Min.	32	°F	Vel.	5 m.p.h.	Read.	28.94	in.	no amt L2:				
Set	35	°F	Char.	Steady	Corr.	28.81	in.	0700	1300	1900		
R.H.	82	%	24 hr. Mov.	42.8	mi.	Sea L.	30.22	in.	Clds.	10/10	100 PE NS	
Ppn.	.13	in.	Prev. Dir.	SSE	3 hr. Tend.	L-0.3	mb	Wx	R-L-F	Wx	Wx	
Ppn.	0	in.	Sol.	1	in.	Snow Depth	1	in.	Observer	ESP	1 1/4	mi.
									Vis.	1 1/4	mi.	mi.

Temp: 31
Turb: 35
Tds: 32

F: 34

H₂O: 31

ΣK₂O: 598

Σpcn(G): 1.42"

Σpcn(S): 2.5"

Wed. Feb. 20, 1991

0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	47 °F	Dir.	W	Temp.	74 °F	R- Obs - 0730 LT L- Obs - 0730 LT LOS - 1400 LT 0400 - 0600 LT RW - 0400 - 0600 LT FROM 0600 LT Hi occurred % 0600 LT		
Min.	35 °F	Vel.	12 m.p.h.	Read.	28.76 in.			
Set	43 °F	Char.	Steady	Corr.	28.63 in.	0700	1300	1900
R.H.	77 %	24 hr. Mov.	59.7 mi.	Sea L.	30.00 in.	Clds.	10/10	St AS
Ppn.	.05 in.	Prev. Dir.	SW	3 hr. Tend.	+1.2 mb	Wx	OVC	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	ESP	Vis.	25 mi.	mi.

Dist: 47
T_{at}: 41
T_a: 37

T: 41

H_{aa}: 24

E₄₀₀: 622

E_{prn}(C): 1.47"

E_{prn}(S): 2.5"

THURSDAY, FEBRUARY 21, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.			
Max.	43	°F	Dir.	SW	Temp.	72	°F	- temps fell during the day yesterday		
Min.	27	°F	Vel.	6 m.p.h.	Read.	28.92	in.	- sun emerging over Tussey Ridge at obs		
Set	30	°F	Char.	steady	Corr.	28.79	in.	- wind calm @ surface		
R.H.	69	%	24 hr. Mov.	137 mi.	Sea L.	30.09	in.	- distant AS N		
Ppn.	T	in.	Prev. Dir.	W	3 hr. Tend.	-0	mb	- RW-- 0730 LT; 1318 LT		
Ppn.	T	in.	Snow Depth	0 in.	Observer	MSS		0700	1300	1900
								Clds.	Clds.	Clds.
								CLR		
								Wx light fog & haze	Wx	Wx
								Vis.	Vis.	Vis.
								8 mi.	mi.	mi.

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

$$HDD = 30$$

$$T_{\text{minus}} = 21$$

$$\Sigma HDD = 652$$

$$F = 35$$

$$\Sigma PCN_L = 1.47''$$

$$\Sigma PCN_S = 2.5''$$

$$\begin{array}{lll} T_{avg} = 45 & \bar{T} = 44 & \sum PCN_L = 1.47'' \\ T_v = \text{---} & HDD = 21 & \sum PCN_S = 2.5'' \\ T_d = 25 & \sum HDD = 673 & \end{array}$$

SAT. FEBRUARY 23, 1991 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	51 °F	Dir. N	Temp. 72 °F	Frupa NSU LT OCNL BUYS TO 40 w/ Frupa		
Min.	19 °F	Vel. 5 m.p.h.	Read. 29.05 in.	RW -- 1515 LT SW -- 1300 LT		
Set	20 °F	Char. steady	Corr. 28.92 in.	0700	1300	1900
R.H.	60 %	24 hr. Mov. 244.1 mi.	Sea L. 30.37 in.	Clds. 0/10	Clds.	Clds.
Ppn.	Liq. T in.	Prev. Dir. W	3 hr. Tend. +2 mb	Wx Few High Cld CLEAR	Wx	Wx
Ppn.	Sol. T in.	Snow Depth 0 in.	Observer SC	Vis. 25 mi.	Vis. mi.	Vis. mi.

$$T_{DWN} = 6$$

$$T_{ROOF} = 18$$

$$T_w = -$$

$$\bar{T} = 36$$

$$HDD = 29$$

$$\Sigma HDD = 702$$

$$\Sigma PCN_L = 1.47''$$

$$\Sigma PCN_S = 2.5''$$

Sunday, Feb 24, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.		Dir.		Temp.	OVRNT LO = 24 @ 2130 FT (2300)			
29	°F	S		72				°F
Min.		Vel.		Read.				
19	°F	12	m.p.h.	28.98	in.			
Set		Char.		Corr.		0700	1300	1900
25	°F	Steady		28.85	in.			
R.H.		24 hr. Mov.		Sea L.	Clds.	Clds.	Clds.	
53%		72.0	mi.	30.28	in.	2/10		
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Wx	Wx	Wx	
0	in.	S		±0	mb	Mstly Clear		
Ppn.	Sol.	Snow Depth		Observer	Vis.	Vis.	Vis.	
0	in.	0	in.	SC		20	mi.	mi.

$$T_d = 11$$

$$\bar{T} = 24$$

$$T_w = -$$

$$\nabla HOD = 41$$

$$\Sigma HOD = 743$$

$$\Sigma PCN_e = 1.47''$$

$$\Sigma PCN_s = 2.5''$$

Monday, February 25, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F	Dir. —	Temp. 72 °F	OVRNT LO = 29 ~ 0000LT			
Min. 25 °F	Vel. 0 m.p.h.	Read. 28.85 in.				
Set 32 °F	Char. calm	Corr. 28.72 in.				
R.H. 51 %	24 hr. Mov. 77 mi.	Sea L. 30.02 in.	0700	1300	1900	
Clds. 9/10 .CS .AS	Clds.	Clds.				
Ppn. 0 in.	Liq. in.	Prev. Dir. S	3 hr. Tend. ↑ + 1/2 mb	Wx cloudy	Wx	Wx
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer MSS	Vis. 12 mi.	Vis. mi.	Vis. mi.

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

$$\text{HDD} = 31$$

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

$$\Sigma \text{HDD} = 774$$

$$T_d = 14$$

$$\Sigma \text{PCN}_L = 1.47''$$

$$\Sigma \text{PCN}_S = 2.5''$$

$$\bar{T} = 34$$

Tues, Feb 26, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	38 °F	Dir. W	Temp. 72 °F	SW-2140-0100 LT		
Min.	26 °F	Vel. 8 m.p.h.	Read. 28.79 in.			
Set	26 °F	Char. Steady	Corr. 28.66 in.	0700	1300	1900
R.H.	74 %	24 hr. Mov. 65.1 mi.	Sea L. 30.08 in.	Clds. 10/10	Clds.	Clds.
Ppn.	Liq. .02 in.	Prev. Dir. W	3 hr. Tend. + .5 mb	Wx OVCST	Wx	Wx
Ppn.	Sol. .2 in.	Snow Depth T in.	Observer SC	Vis. 5 mi.	Vis. mi.	Vis. mi.

$$T_D = 19$$

$$\bar{T} = 32$$

$$T_{WET} = -$$

$$T_{ROOF} = 25$$

$$HDD = 33$$

$$\Sigma HDD = 807$$

$$\Sigma PCN_L = 1.49''$$

$$\Sigma PCN_S = 2.7''$$

Wed. Feb. 27, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	31 °F	Dir. SW	Temp. 73 °F	Ocal SW-- 1200-1800 LT		
Min.	19 °F	Vel. 8 m.p.h.	Read. 28.73 in.			
Set	20 °F	Char. Steady	Corr. 28.60 in.	0700	1300	1900
R.H.	62 %	24 hr. Mov. 122.5 mi.	Sea L. 30.05 in.	Clds. 9/10 As Ac	Clds.	Clds.
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. +0.4 mb	Wx BKN	Wx	Wx
Ppn.	T in.	Snow Depth T in.	Observer ESP	Vis. 15 mi.	Vis. mi.	Vis. mi.

Tranf: 20

~~Tranf~~

700000:9

F: 25

Kos: 40

SKos: 847

$\epsilon_{pu}(z)$: 1.49

$\epsilon_{pu}(s)$: 2.7

THURSDAY, FEBRUARY 28, 1991

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	31 °F	Dir.	S	Temp.	72 °F	• SW - 0745 - 1100LT ; 1145 - 1230LT		
Min.	20 °F	Vel.	4 m.p.h.	Read.	28.96 in.			
Set	26 °F	Char.	light	Corr.	28.83 in.	0700	1300	1900
R.H.	69 %	24 hr. Mov.	162 mi.	Sea L.	30-13 in.	Clds.	Clds.	Clds.
Ppn.	T in.	Prev. Dir.	WSW	3 hr. Tend.	↑ +1 mb	Wx	Wx	Wx
						light fog & haze		
Ppn.	T in.	Sol.	0 in.	Snow Depth		Observer	Vis.	Vis.
						MSS	5 mi.	mi. mi.

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

$$HDD = 39$$

$$T_d = 16$$

$$\Sigma HDD = 886$$

$$\bar{T} = 26$$

$$\Sigma PCN_L = 1.49''$$

$$\Sigma PCN_S = 2.7''$$