Monday, February 1, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 41 °F	Dir. NNW	Temp. 74 °F	WINDS 40 G 45 AT 0941 LT
Min. 24 °F	Vel. G35 15 m.p.h.	Read. 28.58 in.	RW- ~ 2100 LT
Set 24 °F	Char. Vel. Gusty, Var.	Corr. 28.45 in.	SW- OVERNIGHT
			CLOUDS - ALL OKTAS.

	0700	1300	1900
R.H. 59 %	Clds. 3/10 -	Clds. 4/10 SC CS	Clds. 3/10 CU
Ppn. Liq. .02 in.	Wx SW-	Wx windy & cold, sun	Wx Breezy, Quite Cold = 10°
Ppn. Sol. 0,1 in.	Vis. 15 mi.	Vis. 25 mi.	Vis. 7 mi.
24 hr. Mov. NA mi.	Prev. Dir. NA	3 hr. Tend. +6.1/mb	
Snow Depth T in.	Observer SGG	Sea L. 29.87 in.	

$T_{RAMOS} = 22$

$T_{D\,RAMOS} = 10$

$T_{D\,UMS} = 12$

$\bar{T} = 33$

$HDD = 32$

$\Sigma HDD = 32$

$\Sigma PCN_L = .02$

$\Sigma PCN_S = 0.1$

Tuesday, February 2, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 24 °F	Dir. N	Temp. 73 °F	* COLDEST OF 1992-'93 WINTER SEASON TO DATE (PREV: 9° ON 12/29/92) MIN. @ UNV: 4°F
* Min. 6 °F	Vel. 8 m.p.h.	Read. 29.12 in.	
Set 6 °F	Char. Steady	Corr. 28.99 in.	
R.H. 67 %	24 hr. Mov. NA mi.	Sea L. 30.50 in.	
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +3.1 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer HDS	

0700	1300	1900
Clds. 0/10	Clds. -0/10	Clds. -0/10
Wx Clear, Very Cold	Wx Bright Sunshine	Wx Clear
Vis. 25 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T} = 15$

$HDD = 50$

$\Sigma HDD = 82$

$\Sigma PCN_L = .02"$

$\Sigma PCN_S = .1"$

$T_{ramos} = 4$

$T_{D\ UNV} = -4$

$T_{D\ ROOF} = -5$

Wednesday Feb. 3, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 27 °F	Dir. SSW	Temp. 73 °F	** OVERNIGHT LOW: 20° @ ~0000 LT (TEMP. RISE OVNGT.)		
** Min. 6 °F	Vel. 10 m.p.h.	Read. 29.03 in.			
Set 25 °F	Char. STEADY	Corr. 28.90 in.	0700	1300	1900
R.H. 40 %	24 hr. Mov. N/A mi.	Sea L. 30.34 in.	Clds. -°/10	Clds. -3/10 CS	Clds. 0/10
Ppn. Liq. 0 in.	Prev. Dir. N/A	3 hr. Tend. -1.0L mb	Wx Clear, Crisp	Wx breezy, Sunny, mild	Wx Clear
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer CPB	Vis. 20 mi.	Vis. 25 mi.	Vis. 10 mi.

$\bar{T} = 17$

$H_{DD} = 48$

$\Sigma H_{DD} = 130$

$Td_{RAMOS} = 3$

$Td_{MW} = 5$

$\Sigma ppN._L = 0.02''$

$\Sigma ppN._S = 0.1''$

Thursday, 4 February 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. N-W	Temp. 74 °F	- few cloud fragments east - gust to 25 (0600 LT)		
Min. 25* °F	Vel. 15 m.p.h.	Read. 29.01 in.			
Set 30 °F	Char. Variable, breezy	Corr. 28.88 in.	*overnight low 30°		
R.H. 51 %	24 hr. Mov. N/A mi.	Sea L. 30.30 in.	0700 Clds. -1/10	1300 Clds. 0/10	1900 Clds. -1/10 Ci
Ppn. Liq. 0 in.	Prev. Dir. N/A	3 hr. Tend. +20/ mb	Wx breezy, cool	Wx Crystal Clear, windy, Cold	Wx M. Clear, Light breeze
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MHB	Vis. 20 mi.	Vis. 25 mi.	Vis. 12 mi.

$T_{roof} = 29$

$T_{d\ RAMOS} = 11$

$T_{d\ UNV} = 15$ (0600 LT)

$\bar{T} = 35$

$HDD = 30$

$\Sigma HDD = 160$

$\Sigma pcn_L = 0.02''$

$\Sigma pcn_S = 0.1''$

Friday, February 5, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. W	Temp. 74 °F			
Min. 29 °F	Vel. 15 m.p.h.	Read. 29.05 in.			
Set 35 °F	Char. 12 v. 18	Corr. 28.92 in.	0700	1300	1900
R.H. 32 %	24 hr. Mov. NA mi.	Sea L. 30.33 in.	Clds. ~6/10 Cc Ci	Clds. ~6/10 Ci	Clds.
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. -0.75 mb	Wx Chilly, A bit Breezy	Wx breezy, Sunny	Wx
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 20 mi.	Vis. 20 mi.	Vis. mi.

$\bar{T} = 35$

$HDD = 30$

$\Sigma HDD = 190$

$\Sigma PCN_L = .02''$

$\Sigma PCN_S = 0.1''$

$T_{roof} = 34$

$T_{Dramos} = 5$

$T_{o\ UNU} = 8$

Sunday, 07 Feb 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 23 °F	Dir. —	Temp. 73 °F	*S- obs - 0930 LT *shallow fog at base of Mt. Nittany; in Penns Valley and along base of Tussey ridge		
Min. 6 °F	Vel. 0 m.p.h.	Read. 29.01 in.			
Set 8 °F	Char. Calm	Corr. 28.88 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. N/A mi.	Sea L. 30.40 in.	Clds. 6/10 SC	Clds.	Clds. ~~9/10~~
Ppn. Liq. .02 in.	Prev. Dir. N/A	3 hr. Tend. +0- mb	Wx cold, calm	Wx	Wx -
Ppn. Sol. .2 in.	Snow Depth T in.	Observer MHB	Vis. 15 mi.	Vis. mi.	Vis. ~~15~~ mi.

$T_{roof} = 6$

$T_{d\,Ramos} = -2$

$T_{d\,UNV} = -2$

$\bar{T} = 15$

$HDD = 50$

$\Sigma\, HDD = 270$

$\Sigma\, pcn_L = 0.10''$

$\Sigma\, pcn_S = 0.9''$

Saturday, February 6, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 51 °F	Dir. NE	Temp. 73 °F	5- 0400 lt → Obs Ocnl gusts to 30 MPH after FROPA @ 0400 lt		
Min. 18 °F	Vel. G30 15 m.p.h.	Read. 28.96 in.			
Set 18 °F	Char. Gusty	Corr. 28.83 in.	0700	1300	1900
R.H. 67 %	24 hr. Mov. NA mi.	Sea L. 30.29 in.	Clds. 1/10	Clds.	Clds. 0/10
Ppn. .06 in. Liq.	Prev. Dir. NA	3 hr. Tend. +3.0 / mb	Wx 5-	Wx	Wx cold, lgt winds
Ppn. 0.6 in. Sol.	Snow Depth 1 in.	Observer SGG	Vis. 3½ mi.	Vis. mi.	Vis. 20 mi.

$T_{RAMOS} = 16$

$T_{DRAMOS} = 7$

$T_{DUW} = 12$

$\bar{T} = 35$

$HDD = 30$

$\Sigma HDD = 220$

$\Sigma PCN_2 = 0.08''$

$\Sigma PCN_5 = 0.7''$

Monday, February 8, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 28 °F	Dir. —	Temp. 74 °F	Fog at base of Mtns.
Min. 8* °F	Vel. Ø m.p.h.	Read. 28.84 in.	* ONT LOW: 18°F
Set 21 °F	Char. Calm	Corr. 28.71 in.	
R.H. 65 %	24 hr. Mov. NA mi.	Sea L. 30.15 in.	
Ppn. Liq. Ø in.	Prev. Dir. NA	3 hr. Tend. +1.2 mb	
Ppn. Sol. Ø in.	Snow Depth T in.	Observer SGG	

0700	1300	1900
Clds. 10/10	Clds. 10/10	Clds. 9/10
Wx Cool & Calm	Wx cool, calm foggy	Wx Clear + L. Breeze
Vis. 7 v 10 mi.	Vis. 3½ v 7 mi.	Vis. 7 mi.

$\bar{T} = 18$

$HDD = 47$

$\Sigma HDD = 317$

$\Sigma PON_L = 0.10"$

$\Sigma PON_S = 0.9"$

$T_{RAMOS} = 19$

$T_{DRAMOS} = 9$

$T_{DUW} = 12$

Tuesday, February 9, 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. NE	Temp. 73 °F	- thin fog along base of Tussey Ridge, base of Mt. Nittany, in valley East		
Min. 16 °F	Vel. 5 m.p.h.	Read. 29.13 in.	S- 0930-1200 LT (PCN VRY LGT)		
Set 16 °F	Char. light	Corr. 29.00 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. NA mi.	Sea L. 30.47 in.	Clds. -5/10 Cs Cc	Clds. -4/10 Cs	Clds. -4/10 Cs Ci
Ppn. T Liq. in.	Prev. Dir. NA	3 hr. Tend. +2.0/mb	Wx Increasing Clds, Chilly	Wx Brisk	Wx 'Nippy'
Ppn. T Sol. in.	Snow Depth T in.	Observer HDS	Vis. 15 mi.	Vis. 20 mi.	Vis. 15 mi.

$\bar{T} = 25$

$HDD = 40$

$\Sigma HDD = 357$

$\Sigma PCN_L = .10''$

$\Sigma PCN_S = .9''$

$T_{ramos} = 15$

$T_{D\ roof} = 7$

$T_{D\ UNV} = 9$

Wednesday Feb. 10, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. W	Temp. 70 °F	OVERNIGHT LOW ~ 26°		
Min. 16 °F	Vel. 6 m.p.h.	Read. 29,03 in.			
Set 27 °F	Char. LIGHT	Corr. 28,91 in.	0700	1300	1900
R.H. 60 %	24 hr. Mov. N/A mi.	Sea L. 30,34 in.	Clds. - 6/10 Stv Sc	Clds. 0/10	Clds. 0/10
Ppn. Liq. 0 in.	Prev. Dir. N/A	3 hr. Tend. +1.0/ mb	Wx MOSTLY CLOUDY	Wx Sunny, hazy	Wx light winds, mild
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer CPB	Vis. 12 mi.	Vis. 7v10 mi.	Vis. 15 mi.

$\bar{T} = 27$

$H_{DD} = 38$

$\Sigma H_{DD} = 395$

$Td_{UNV} = 16$

$Td_{RANGE} = 13$

$\Sigma PPN_{,L} = .10"$

$\Sigma PPN_{,S} = 0.9"$

Thursday, 11 February 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. N	Temp. 72 °F	L -- 2200-0430		
Min. 27* °F	Vel. 10 m.p.h.	Read. 29.02 in.			
Set 35 °F	Char. light	Corr. 29.89 in.	*overnight low ≈34°		
R.H. 94 %	24 hr. Mov. N/A mi.	Sea L. 30.30 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. N/A	3 hr. Tend. +2.1/ mb	Clds. 10/10 St	Clds. 10/10 St	Clds. 10/10 St
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MHB	Wx foggy, cloudy light winds	Wx Low Clouds, Breezy, Cold	Wx Cloudy & Cold ~34°
			Vis. 3½v5F mi.	Vis. 6v.10 mi.	Vis. 3v.6 mi.

$T_{roof} = 34$

$T_w = 33$

$T_d = 32.5$

$T_{d\,eanos} = 27$

$T_{d\,UNV} = 30$

$\bar{T} = 42$

$HDD = 23$

$\Sigma HDD = 380$

$\Sigma pcn_L = .10''$

$\Sigma pcn_S = .9''$

Friday, February 12 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 38 °F	Dir. ESE	Temp. 74 °F	- Blowing & Drifting of Snow S- 0130-0400 LT (OCNL S) S-IP- 0400-0700 LT		
Min. 26 °F	Vel. 10 m.p.h.	Read. 28.92 in.			
Set 27 °F	Char. 8 v. 12	Corr. 28.79 in.			
R.H. 71 %	24 hr. Mov. NA mi.	Sea L. 30.22 in.	0700	1300	1900
Ppn. Liq. .16 in.	Prev. Dir. NA	3 hr. Tend. -0.5 mb	Clds. 10/10 Sc	Clds. 10/10 St	Clds. 10/10
Ppn. Sol. 1.6 in.	Snow Depth 2 in.	Observer HDS	Wx L. Snow, Ice Pellets, Breezy	Wx Light drizzle, fog	Wx L.t. Snow
			Vis. 4 v. 9 mi.	Vis. 3½ v 8 F mi.	Vis. ½ v 1 mi.

$\bar{T} = 32$

$HDD = 33$

$\Sigma HDD = 413$

$\Sigma PCN_L = .26''$

$\Sigma PCN_S = 2.5''$

$T_{ramos} = 26$

$T_{D\ roof} = 16$

$T_{D\ UNV} = 20$

Saturday, February 13, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 29 °F	Dir. SSW	Temp. 74 °F	S-IP - 0700 LT → 0830 LT (FCN VRY LGT)		
Min. 26 °F	Vel. 3 m.p.h.	Read. 28.32 in.	S (OCNL S+) w/ 1/4 mi VS - 0830 → 0930 LT		
Set. 29 °F	Char. LA. & Steady	Corr. 28.29 in.	S - 0930 → 1030 LT		
			SG - 1030 → 1040 LT		
			OCNL L - 1040 → 1230 LT (CONT)		
R.H. 74 %	24 hr. Mov. NA mi.	Sea L. 29.60 in.	0700	1300	1900
Ppn. Liq. 0.74 in.	Prev. Dir. NA	3 hr. Tend. +0.5 ✓ mb	Clds. 10/10	Clds.	Clds. 10/10 St
Ppn. Sol. 7.0 in.	Snow Depth 7 in.	Observer SGG	Wx LA Fog Tranquil	Wx	Wx cloudy, cold, breezy
			Vis. 7 mi.	Vis. mi.	Vis. 10 mi.

$T_{RAMOS} = 27$

$T_{D\,RAMOS} = 20$

$T_{DUNN} = 25$

$F = 28$

$HDD = 37$

$\Sigma HDD = 450$

$\Sigma PCNL = 1.00"$

$\Sigma PCNs = 9.5"$

S-, IP - 1030 → 1315 LT

S-, OCNL S - 1315 → 1500 LT

S, OCNL S+ - 1500 → 0030 LT

LOWEST PRES - 998 mb (MSL) @ 0400 LT

8.6" TOTAL FOR EVENT

Sunday, 14 Feb 1993 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. W	Temp. 73 °F	ocnl SW- morning hours and evening hours		
Min. 23 °F	Vel. 10 m.p.h.	Read. 28.60 in.			
Set 24 °F	Char. breezy	Corr. 28.47 in.	0700	1300	1900
R.H. avg Td 64 %	24 hr. Mov. N/A mi.	Sea L. 29.89 in.	Clds. 8/10 -cs sc	Clds.	Clds.
Ppn. Liq. .01 in.	Prev. Dir. N/A	3 hr. Tend. +2.1 / mb	Wx cloudy, cold breezy	Wx	Wx
Ppn. Sol. .1 in.	Snow Depth 7 in.	Observer MHB	Vis. 20 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 22$

$T_{d\,RANGE} = 9$

$T_{d\,UNV} = 14$

$\bar{T} = 28$

$HDD = 37$

$\Sigma\, HDD = 487$

$\Sigma\, pcn_L = 1.01''$

$\Sigma\, pcn_S = 9.6''$

Monday, February 15, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. SW	Temp. 73 °F	Fog at base of Tussey Mtn. & over Penns Valley. SW - ↗ 1630 LT
Min. 17 °F	Vel. 8 m.p.h.	Read. 29.04 in.	
Set 25 °F	Char. Steady	Corr. 28.91 in.	
R.H. 71 %	24 hr. Mov. NA mi.	Sea L. 30.35 in.	
Ppn. T Liq. in.	Prev. Dir. NA	3 hr. Tend. 2.5/ mb	
Ppn. T Sol. in.	Snow Depth 6 in.	Observer SGG	

0700	1300	1900
Clds. 10/10	Clds. 9/10	Clds. 10/10 As
Wx Cold	Wx cloudy	Wx Cloudy + Calm, L. Fog
Vis. 10v.15 mi.	Vis. 15 mi.	Vis. 4 mi.

$T_{RAMOS} = 24$

$T_{D\,RAMOS} = 16$

$T_{D\,UNV} = 17$

$\bar{T} = 24$

$HDO = 41$

$\Sigma HDO = 528$

$\Sigma PON_2 = 1.01"$

$\Sigma PON_5 = 9.6"$

Tuesday, February 16, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. E	Temp. 74 °F	* overnight low ~ 29°		
Min. * 25 °F	Vel. 8 m.p.h.	Read. 28.86 in.	OCNL SW - 0800 - 1000 LT, 1130 - 1200 LT (PCN_S = T, PCN_L = T)		
Set 30 °F	Char. 6v. 10	Corr. 28.73 in.	S - 0045 - 0400 LT (OCNL SG-)		(over)
R.H. 83 %	24 hr. Mov. NA mi.	Sea L. 30.14 in.	0700	1300	1900
Ppn. Liq. .32 in.	Prev. Dir. NA	3 hr. Tend. -3.01 mb	Clds. 10/10 Ns	Clds. 10/10 NS	Clds. -8/10 Str
Ppn. Sol. 2.9 in.	Snow Depth 8 in.	Observer HDS	Wx Light Snow, Fog	Wx Light Snow Fog	Wx CLOUDY
			Vis. 2v. 8 mi.	Vis. 1/2SF mi.	Vis. 3F mi.

$\bar{T} = 30$

HDD = 35

Σ HDD = 563

$\Sigma PCN_L = 1.33''$

$\Sigma PCN_S = 12.8''$

$T_{ramos} = 29$

$T_{D\ roof} = 23$

$T_{D\ UNV} = 26$

S- 0400 - 0700 LT
(OCNL S)

Wednesday Feb. 17, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. NNW	Temp. 72 °F	S- 0700-800 LT S 0800-1100 (OCNL S+) S- 1100-1535 LT (OCNL S) IP 1535-45 LT GAUGE M'SD @ 1545: 0.54" L/ 4.9" S		
Min. 24 °F	Vel. 13 m.p.h.	Read. 28.92 in.			
Set. 24 °F	Char. GUSTS TO 24	Corr. 28.79 in.	0700	1300	1900
R.H. 62 %	24 hr. Mov. N/A mi.	Sea L. 30.23 in.	Clds. -8/10 Sc	Clds. 5/10 Sc	Clds. -7/10
Ppn. Liq. 0.58 in.	Prev. Dir. N/A	3 hr. Tend. +3.0 mb	Wx "Chilling Winds"	Wx bright, breezy	Wx cold,
Ppn. Sol. 4.9 in.	Snow Depth 11 in.	Observer CPB	Vis. 10 mi.	Vis. 26 mi.	Vis. 10 mi.

$\bar{T} = 29$

$H_{>D} = 36$

$\Sigma H_{>D} = 599$

$\Sigma ppN._L = 1.91"$

$\Sigma ppN._S = 17.7"$

$Td_{WUV} = 12$

$Td_{RAMOS} = 10$

ZR-IP- 1545-1745 LT

L-R- 1745-2215 LT

S-IP- 2215-2330 LT

SNOW DEPTH - 11" @ 1600 LT

Thursday, 18 Feb 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. S-SW	Temp. 72 °F	some fog in valley east int mtnt SW -- wed Aftnoon SW 1545-1645 LT SW - 2000 - 0000 LT		
Min. 9 °F	Vel. 8 m.p.h.	Read. 28.86 in.			
Set 10 °F	Char. light	Corr. 28.73 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. N/A mi.	Sea L. 30.22 in.	Clds. -9/10	Clds. 7/10 Sc	Clds. 2/10 Cu
Ppn. Liq. .01 in.	Prev. Dir. N/A	3 hr. Tend. +1 / mb	Wx Sunny, cold	Wx Breezy & Cold w/flurries	Wx Still Breezy & Cold! Tmp=10°
Ppn. Sol. .2 in.	Snow Depth 11 in.	Observer MHB	Vis. 15 mi.	Vis. 15 mi.	Vis. 4 mi.

$\bar{T}_{roof} = 7$

$Td_{Ramos} = 0$

$Td_{UNV} = 2$

$\bar{T} = 21$

$HDD = 44$

$\sum HDD = 643$

$\sum pcn_L = 1.92''$

$\sum pcn_S = 17.9''$

Friday, February 19, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 17 °F	Dir. SW	Temp. 71 °F	OCNL SW - 1100-2000 LT (PCN VRY LGT)		
Min. -2* °F	Vel. 8 m.p.h.	Read. 29.00 in.	* 1ST sub-zero SINCE 12/28/92		
Set 0 °F	Char. 6 v. 10	Corr. 28.87 in.	0700	1300	1900
R.H. 66 %	24 hr. Mov. NA mi.	Sea L. 30.38 in.	Clds. 9/10	Clds. 2/10 SC	Clds.
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. +0.25 mb	Wx Clear & Quite Nippy	Wx Sunny, hazy east	Wx
Ppn. Sol. T in.	Snow Depth 10 in.	Observer HDS	Vis. 20 mi.	Vis. 15 mi.	Vis. mi.

$\bar{T} = 68$

$HDD = 55$

$\Sigma HDD = 698$

$\Sigma PCN_L = 1.92"$

$\Sigma PCN_S = 17.9"$

$T_{ramos} = 0$

$T_{D\,roof} = -9$

$T_{D\,UNV} = -8$

Saturday, February 20, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 19 °F	Dir. —	Temp. 71 °F	-OCNL SW THROUGHOUT DAY PCPN VRY LGT - Fog scattered throughout Valley.		
Min. * Ø °F	Vel. Ø m.p.h.	Read. 28.84 in.	* CNTY LOW: +4		
Set 7 °F	Char. Calm	Corr. 28.72 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. NA mi.	Sea L. 30.21 in.	Clds. 10/10	Clds.	Clds. 9/10
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. +.05 mb	Wx SW-	Wx	Wx light rain & Clouds
Ppn. Sol. T in.	Snow Depth 9 in.	Observer SGG	Vis. 5 mi.	Vis. mi.	Vis. 10 mi.

$T_{RAMPS} = 6$

$T_{DRAMPS} = \emptyset$

$T_{DOWN} = \emptyset$

$\bar{T} = 10$

$HDD = 55$

$\Sigma HDD = 753$

$\Sigma PON_L = 1.92''$

$\Sigma PON_S = 17.9''$

Sunday, 21 February 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 30 °F	Dir. E	Temp. 72 °F	OCNL SW- Thru Day 530 → obs SW- OCNL S-		
Min. * 6 °F	Vel. 3 m.p.h.	Read. 28.74 in.			
Set 21 °F	Char. light	Corr. 28.61 in.	* overnight low 20		
R.H. 78 %	24 hr. Mov. N/A mi.	Sea L. 30.05 in.	0700 Clds. 10/10 NS	1300 Clds.	1900 Clds. 10/10
Ppn. Liq. .04 in.	Prev. Dir. N/A	3 hr. Tend. +0 — mb	Wx cloudy, foggy light snow	Wx	Wx OCNL LT. SNOW
Ppn. Sol. .4 in.	Snow Depth 9 in.	Observer MHB	Vis. ½ FSW- mi.	Vis. mi.	Vis. 5 mi.

$T_{roof} = 19$

$T_{d\ Ramos} = 12$

$T_{d\ UNV} = 15$

$\bar{T} = 18$

$HDD = 47$

$\Sigma\ HDD = 800$

$\Sigma\ pen_L = 1.96''$

$\Sigma\ pen_S = 18.3''$

Monday, February 22, 1973 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. SW	Temp. 73 °F	SW-, OCNL S Obs → 1230 LT		
Min. 21* °F	Vel. 619 15 m.p.h.	Read. 28.31 in.	S-, FQT S 1230 → 1600		
Set 39 °F	Char. Gusty/Var	Corr. 28.38 in.	S- 1600 → 1820 (OVER →)		
			*TEMPS ROSE THROUGHOUT NIGHT		
R.H. 57 %	24 hr. Mov. NA mi.	Sea L. 29.54 in.	0700	1300	1900
Ppn. Liq. .43 in.	Prev. Dir. NA	3 hr. Tend. +1.5/ mb	Clds. 10/10	Clds. -9/10 ST	Clds. 6/10 Sc
Ppn. Sol. 2.1 in.	Snow Depth 10 in.	Observer SGG	Wx Mild	Wx hazy, mild breezy	Wx windy & Cold
			Vis. 15 mi.	Vis. 8 mi.	Vis. 6 mi.

Obs, continued

ZL- 1820→2100

ZR, IR- 2100→2125

TS 2125 E40

R 2125→2150

AB 2140 E2150

ZR- 2150→2215

ZL- 2215→0000

L- 0445

LTG << 2135

$T_{ROOF} = 39$

$T_W = 36$

$T_d = 38$

$T_{d\,grass} = 25$

$T_{d\,UNV} = 22$

$\bar{T} = 30$

$HDD = 35$

$\Sigma HDD = 835$

$\Sigma PCN_L = 2.39"$

$\Sigma PCN_S = 20.4"$

SNOW TOTAL FOR "EVENT" = 2.5"

Tuesday, February 23, 1993

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. * 39 °F	Dir. SW	Temp. 73 °F	* Max Temp = Previous Day Sat Temp - Temps fall through entire day SG - 1025 - 1030 LT SW - 1130 - 1215 LT 1415 - 1445 LT OCNL SW - 2100 - 0000 LT (OCNL SW) (OVER)		
Min. 21 °F	Vel. 14 m.p.h.	Read. 28.51 in.			
Set 21 °F	Char. Steady	Corr. 28.38 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. NA mi.	Sea L. 29.80 in.	Clds. X	Clds. SCT - 7/10 SOL	Clds. - 7/10
Ppn. .03 Liq. in.	Prev. Dir. NA	3 hr. Tend. +0.5 / mb	Wx Lgt-Mod. Snow Shower, Breezy, Cold	Wx CLOUDY/ OCNL FLURRIES, SW	Wx "
Ppn. .08 Sol. in.	Snow Depth 10 in.	Observer HDS	Vis. 1/2 v. 2 mi.	Vis. 10 mi.	Vis. 6 mi.

$\bar{T} = 31$

$HDD = 34$

$\Sigma HDD = 869$

$\Sigma PCN_L = 2.42''$

$\Sigma PCN_S = 21.2''$

$T_{ramos} = 19$

$T_{D\ roof} = 11$

$T_{D\ UNV} = 14$

SW - 0650-0700 LT

Wednesday Feb. 24, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 25 °F	Dir. W	Temp. 70 °F	EQUAL SW- (AM & PM) "DECENT" SQUALLS (VIS. LOWERED TO < 1 MILE): 0900-15 LT * SOME [illegible] 1810-1820 LT ~[illegible]		
Min. 11 °F	Vel. 10 m.p.h.	Read. 28.88 in.			
Set 12 °F	Char. GUSTS TO 15	Corr. 28.76 in.	0700	1300	1900
R.H. 66 %	24 hr. Mov. N/A mi.	Sea L. 30.20 in.	Clds. -3/10 Acu Ci	Clds. 5/10 SC	Clds. 0/10
Ppn. T Liq. in.	Prev. Dir. N/A	3 hr. Tend. +1.0 / mb	Wx VERY COLD	Wx Cold, sunny, breezy	Wx Cold, clear
Ppn. Sol. 03* in.	Snow Depth 10 in.	Observer CPB	Vis. 15 mi.	Vis. 25 mi.	Vis. 10 mi.

$\bar{T} = 18$

$H_{\gg} = 47$

$\Sigma H_{\gg} = 916$

Σ PPN.$_L$ = 2.42"

Σ PPN.$_S$ = 2[illegible]"

$T_{D\ MIN} = 2$

$T_{D\ RANGE} = 0$

Thursday, 25 Feb 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 22 °F	Dir. SW	Temp. 71 °F	SW - 1200-1400 LT (at least)		
Min. 5 °F	Vel. 4 m.p.h.	Read. 29.20 in.	SW - 1555-1610 LT		
Set 6 °F	Char. light	Corr. 29.07 in.	OCNL SW - 2000-0100 LT		
			0700	1300	1900
R.H. 77 %	24 hr. Mov. N/A mi.	Sea L. 30.58 in.	Clds. 4/10	Clds. 4/10 Cu	Clds. -1% Cs
Ppn. T in. Liq.	Prev. Dir. N/A	3 hr. Tend. +2 / mb	Wx Cold, light winds	Wx Mostly Sunny + Cold	Wx Thickening Clouds + Cold
Ppn. .1 in. Sol.	Snow Depth 10 in.	Observer MHB	Vis. 10 mi.	Vis. 15 mi.	Vis. 6 mi.

$T_{roof} = 5$

$T_{d\,Ramos} = 0$

$T_{d\,UNV} = -1$

$\bar{T} = 14$

$HDD = 51$

$\Sigma\, HDD = 967$

$\Sigma\, pcn_L = 2.42''$

$\Sigma\, pcn_S = 21.6''$

Friday, February 26, 1993
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 25 °F	Dir. NNE	Temp. 72 °F	* overnight low ~ 17 S- 0130-0700 LT		
Min. * 6 °F	Vel. 2 m.p.h.	Read. 29.02 in.			
Set 17 °F	Char. light	Corr. 28.89 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. NA mi.	Sea L. 30.35 in.	Clds. 10/10 Ns	Clds. -9/10 Ns	Clds. 10/10
Ppn. Liq. .15 in.	Prev. Dir. NA	3 hr. Tend. +0.25 mb	Wx Light Snow	Wx Fog, some sun	Wx Tranquil
Ppn. Sol. 1.5 in.	Snow Depth 11 in.	Observer HDS	Vis. 1 v. 1½ mi.	Vis. 3½v5E mi.	Vis. 7 mi.

$\bar{T} = 16$

$HDD = 49$

$\Sigma HDD = 1016$

$\Sigma PCN_L = 2.57''$

$\Sigma PCN_S = 23.1''$

$T_{ramos} = 16$

$T_{D\,roof} = 10$

$T_{D\,UNV} = 12$

Saturday, February 27, 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 27 °F	Dir. NE	Temp. 72 °F	S - 0700 → 1100 LT S - - 1100 → 1930 LT		
Min. 15 °F	Vel. 6 m.p.h.	Read. 29.09 in.			
Set 15 °F	Char. Steady	Corr. 28.96 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. NA mi.	Sea L. 30.44 in.	Clds. 10/10-	Clds.	Clds. 0/10
Ppn. Liq. 0.03 in.	Prev. Dir. NA	3 hr. Tend. +1.5 Γ mb	Wx Thick Fog @ Mtn. Base	Wx	Wx Clear, calm
Ppn. Sol. 0.5 in.	Snow Depth 9 in.	Observer SGG	Vis. 5 mi.	Vis. mi.	Vis. 10 mi.

$T_{RAMOS} = 14$

$T_{O_{RAMOS}} = 6$

$T_{O_{UNV}} = 9$

$\bar{T} = 21$

$HDD = 44$

$\Sigma HDD = 1060$

$\Sigma PCN_L = 2.60"$

$\Sigma PCN_S = 23.6"$

Sunday, 28 Feb 1993 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F		Dir. —	Temp. 71 °F	* some fog in valley E, base of MT Nittany. & base of Tussey ridge		
Min. 5 °F		Vel. 0 m.p.h.	Read. 29.02 in.			
Set 7 °F		Char. calm	Corr. 28.90 in.	0700	1300	1900
R.H. 75 %		24 hr. Mov. N/A mi.	Sea L. 30.38 in.	Clds. -8/10 CS	Clds.	Clds. 9/10
Ppn. 0	Liq. in.	Prev. Dir. N/A	3 hr. Tend. +.5/ mb	Wx cold, calm	Wx	Wx -
Ppn. 0	Sol. in.	Snow Depth 8 in.	Observer MHB	Vis. 10 + mi.	Vis. mi.	Vis. 20 mi.

$T_{roof} = 10$

$T_{d\ Ramos} = 2$

$T_{d\ UVU} = 5$

$\bar{T} = 19$

$HDD = 46$

$\Sigma\ HDD = 1106$

$\Sigma\ pen_L = 2.60''$

$\Sigma\ pen_S = 23.\overset{3}{\cancel{6}}''$