Meteorological
University Park, PA

Tuesday, December 1, 1992 — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. —	Temp. 70 °F			
Min. 31 °F	Vel. 0 m.p.h.	Read. 28.71 in.			
Set 32 °F	Char. Calm	Corr. 28.59 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. NA mi.	Sea L. 29.99 in.	Clds. Sc 5/10 Cu	Clds.	Clds. 4/10 St
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +1.0 / mb	Wx Tranquil, Cold	Wx	Wx light winds chilly
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer HDS	Vis. 8 mi.	Vis. mi.	Vis. 10 mi.

HDD = 29

ΣHDD = 29

$T_{ramos} = 32$

$T_w = 30$

$T_o = 26.5$

$T_{o\,UNV} = 27$

$T_{o\,ramos} = 26.5$

$\Sigma PCN_L = 0$

$\Sigma PCN_S = 0$

Wednesday, 02 December 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. —	Temp. 70 °F	SG- 1608-1615		
Min. 27 °F	Vel. 0 m.p.h.	Read. 28.58 in.			
Set 29 °F	Char. calm	Corr. 28.46 in.			1900 [redacted] LT
			0700	1300	
R.H. 78 %	24 hr. Mov. NA mi.	Sea L. 29.87 in.	Clds. 10/10 St	Clds. 10/10 St Cu	Clds. 10/10 Ns
Ppn. T Liq. in.	Prev. Dir. NA	3 hr. Tend. -.81 mb	Wx calm, chilly	Wx gray (so what's new?)	Wx Vry Lgt Snow, Moon Vsbl @ times
Ppn. T Sol. in.	Snow Depth 0 in.	Observer MHB	Vis. 20 mi.	Vis. 20 mi.	Vis. 2 mi.

$T_{roof} = 27$

$T_w = 25$

$T_d = 21$

$T_{d\,Ramos} = 20$

$T_{d\,UNV} = 22$

$\bar{T} = 33$

$HDD = 32$

$\Sigma\, HDD = 61$

$\Sigma\, CDD = 0$

$\Sigma\, pcp_L = 0$

$\Sigma\, pcp_S = T$

Thursday, December 3, 1992
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. WNW	Temp. 72 °F	- light dusting of snow on golf course S- 1500 - 1930 LT ONL SW-- 2030 - 0630 LT		
Min. * 29 °F	Vel. 22 m.p.h.	Read. 28.76 in.			
Set 34 °F	Char. 18 var. 26, GUSTY	Corr. 28.63 in.	* overnight low ≈ 30°		
R.H. 72 %	24 hr. Mov. NA mi.	Sea L. 30.03 in.	0700	1300	1900
Ppn. Liq. .01 in.	Prev. Dir. NA	3 hr. Tend. +3.75/ mb	Clds. 9/10 Sc	Clds. 7/10	Clds.
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer HDS	Wx Windy + Cold, Grey	Wx windy	Wx
			Vis. 20 mi.	Vis. 20 mi.	Vis. mi.

$\bar{T} = 33$
$HDD = 32$
$\Sigma HDD = 93$

$T_{roof} = 33$

$T_w = 30$

$T_D = 25$
$T_{D\,VNV} = 26$
$T_{D\,Pramos} = 21$

$\Sigma PCN_L = .01''$
$\Sigma PCN_S = T$

Friday December 4, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. SE	Temp. 74 °F	SW-- 830-930 LT ~ 1400 LT * MAX = 12/3 SET (OLRD OBS, 3RD)		
Min. 26 °F	Vel. 5 m.p.h.	Read. 28.95 in.			
Set 28 °F	Char. LIGHT	Corr. 28.82 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. N/A mi.	Sea L. 30.34 in.	Clds. -10/10 OVC	Clds. 10/10 St with waves	Clds. -10/10
Ppn. Liq. T in.	Prev. Dir. N/A	3 hr. Tend. L-0.5 mb	Wx CLOUDY/COLD	Wx dull/chilly	Wx WET SNOW SHWR
Ppn. Sol. T in.	Snow Depth 0 in.	Observer CPB	Vis. 6 mi.	Vis. 20 mi.	Vis. 6 mi.

$\bar{T} = 31$

$H_{>>} = 34$

$\sum H_{DP} = 127$

$T_{roof} = 28$

$T_W = 25$

$Td_{MIN} = 19$

$Td_{RANGE} = 15$

$Td = 19$

$\sum pcN_L = .01''$ $\sum pcN_S = T$

Saturday Dec. 5, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. NW	Temp. 72 °F	SW- 1900-1930 LT S-IP-R- 1930-2030 LT R- 2030-0045 LT S- 0045-0115 LT OCNL SW+ N 0500 LT (LOVE)		
Min. 25 °F	Vel. 20 m.p.h.	Read. 28.66 in.			
Set 26 °F	Char. GUSTS TO 35	Corr. 28.53 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. N/A mi.	Sea L. 29.95 in.	Clds. -8/10 Ac Sky	Clds.	Clds. 8/10 St
Ppn. Liq. 0.11 in.	Prev. Dir. N/A	3 hr. Tend. +2.0/ mb	Wx WINDY & COLD!!!!	Wx	Wx windy & very cold
Ppn. Sol. 0.5 in.	Snow Depth T in.	Observer CPB	Vis. 10 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 30$

$H_{DD} = 35$

$\Sigma H_{DD} = 162$

$T_{roof} = 26$

$T_W = (N/A)$

$Td_{WW} = 17$

$Td_{PANOS} = 12$

0610 LT: VIS 1/2K 1 1/2
S-BS (OCNLS)

$\Sigma PPN_L = .12"$ $\Sigma PPN_S = 0.5"$

Sunday, 06 December 1992 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 29 °F	Dir. W	Temp. 72 °F	INTMTNT SW - throughout day SW - OCNL S - 2030 - 230 LT		
Min. 23 °F	Vel. 15 m.p.h.	Read. 28.98 in.			
Set 24 °F	Char. gusty	Corr. 28.85 in.	*average Td used (UNV & Ramos)		
R.H. * 74 %	24 hr. Mov. N/A mi.	Sea L. 30.29 in.	0700 Clds. 4/10 St	1300 Clds.	1900 Clds.
Ppn. Liq. .01 in.	Prev. Dir. N/A	3 hr. Tend. +0 ∨ mb	Wx bitter cold w/ wind chill	Wx	Wx
Ppn. Sol. .3 in.	Snow Depth T in.	Observer MHB	Vis. 20 mi.	Vis. mi.	Vis. mi.

$T_{roof} = 22$

$T_w = N/A$

$T_d = N/A$

$T_{d\ Ramos} = 13$

$T_{d\ UNV} = 17$

$\bar{T} = 26$

$HDD = 39$

$\Sigma HDD = 197$

$\Sigma pcn_L = 0.13''$

$\Sigma pcn_S = 0.75''$

Monday December 7, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. * 28 °F	Dir. W	Temp. 72 °F	OCNL SW-- 0750-1200 LT * MAX OCRD ~ 0100 LT ** MIN OCRD ~ 1000 LT SET T = OVRNT LO		
Min. ** 22 °F	Vel. 16 m.p.h.	Read. 28.78 in.			
Set 26 °F	Char. GUSTS TO 20	Corr. 28.65 in.	0700	1300	1900
R.H. 63 %	24 hr. Mov. N/A mi.	Sea L. 30.07 in.	Clds. -P/10 OVC	Clds. 9/10 Sc	Clds. 10/10 OVC
Ppn. T Liq. in.	Prev. Dir. N/A	3 hr. Tend. -+0.4 mb	Wx CLOUDY & COLD	Wx Cold & Breezy	Wx Continued Cold + Breezy
Ppn. T Sol. in.	Snow Depth T in.	Observer CPB	Vis. 6 mi.	Vis. 15 mi.	Vis. 8 mi.

$\bar{T} = 25$

$H_{DD} = 40$

$\sum H_{DD} = 237$

$Td_{RAMOS} = 12$

$Td_{MW} = 15$

$\sum PPM_L = 0.13''$ $\sum PPM_S = 0.8''$

Tuesday, December 8, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 31 °F	Dir. WNW	Temp. 74 °F	* overnight low ~ 28 SW-- 1445-1600 LT SW- 0200-0400 LT
Min. * 26 °F	Vel. 8 m.p.h.	Read. 28.95 in.	
Set 30 °F	Char. Steady	Corr. 28.82 in.	

	0700	1300	1900
R.H. 78 %	Clds. 10/10 CIG RGD	Clds.	Clds. 10/10 BKN ovc
Ppn. T in. Liq.	Wx A FEW FLURRIES THN SPTS OVC E	Wx	Wx chilly
Ppn. T in. Sol.	Vis. 20 mi.	Vis. mi.	Vis. 15 mi.
Prev. Dir. NA	3 hr. Tend. +1.75/ mb		
Sea L. 30.23 in.			
24 hr. Mov. NA mi.			
Snow Depth T in.	Observer HDS		

$\bar{T} = 29$

$HDD = 36$

$\Sigma HDD = 273$

$\Sigma PCN_L = 0.13''$

$\Sigma PCN_S = 0.8''$

$T_{roof} = 28$ $T_w = 26$ $T_o = 22$

$T_{o_{UNV}} = 21$

$T_{o_{ramos}} = 17$

Wednesday, 09 Dec 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.
Max. 33 °F	Dir. W	Temp. 72 °F
Min. * 26 °F	Vel. 2 m.p.h.	Read. 29.11 in.
Set 29 °F	Char. light	Corr. 28.98 in.
R.H. 65 %	24 hr. Mov. N/A mi.	Sea L. 30.43 in.
Ppn. Liq. T in.	Prev. Dir. N/A	3 hr. Tend. +2 / mb
Ppn. Sol. T in.	Snow Depth 0 in.	Observer MHB

General Obs.

SW -- ≈800 LT
SW - 1230 → 1500 LT

* overnight low 26°

	0700	1300	1900
Clds.	10/10 St	10/10 Sc	CLR
Wx	thin spots in OVC	Brightened SW / uneventful	lunar eclipse
Vis.	15 mi.	25 mi.	10 mi.

$T_{roof} = 26$

$T_w = 23$

$T_d = 16$

$T_{d\,Ramos} = 16$

$T_{d\,UNV} = 19$

$\overline{T} = 30$

$HDD = 35$

$\Sigma HDD = 308$

$\Sigma pcn_L = 0.13''$

$\Sigma pcn_S = 0.8''$

Thursday, 10 December 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir SE	Temp. 74 °F	S-, SG 0625-0640 LT S 0640-obs, ~~obs~~		
Min. 25 °F	Vel. 10 m.p.h.	Read. 28.90 in.	Snow accumulating rapidly		
Set 26 °F	Char. Steady	Corr. 28.~~87~~ in.	gauge not emptied *estimated by obs time		
R.H. 73 %	24 hr. Mov. N/A mi.	Sea L. 30.21 in.	0700 Clds. X	1~~3~~0 Clds. X	1900 Clds. X
Ppn. Liq. .01 in.	Prev. Dir. N/A	3 hr. Tend. -1^ mb	Wx cold, S, SG, BS	Wx S 4.2 in. SNOW	Wx S ~10" TOT
Ppn. Sol. .1* in.	Snow Depth T in.	Observer MHB	Vis. 1/8 v. 1/4 mi.	Vis. 3/4 mi.	Vis. 1/4 v. 3/4 mi.

$T_{roof} = 22$

$T_w < 32$ (wick froze)

$T_d \approx 15$ (estimate from UNV and Ramos)

$T_{d\,UNV} = 15$

$T_{d\,Ramos} = 16$

$\bar{T} = 31$

$HDD = 34$

$\sum HDD = 342$

$\sum pcp_L = 0.13''$

$\sum pcp_S = 0.9''$

Friday December 11, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. NNW	Temp. 76 °F	*NEW RECORD LIQ. PRECIP: OLD = 1.16" IN 1969		
Min. 24 °F	Vel. 3 m.p.h.	Read. 28.48 in.	**NEW RECORD SOLID: OLD = 6.0" IN 1950		
Set 33 °F	Char. 'LIGHT'	Corr. 28.34 in.	-OVER-		
			0700	1300	1900
R.H. 92 %	24 hr. Mov. N/A mi.	Sea L. 29.72 in.	Clds. X	Clds. X	Clds. -1/10
* Ppn. Liq. 2.05 in.	Prev. Dir. N/A	3 hr. Tend. +0.25 mb	Wx MOD. SNOW	Wx MOD. SNOW	Wx SW-
** Ppn. Sol. 12.5 in.	Snow Depth 9.0 in.	Observer CPB	Vis. 1/4 mi.	Vis. 1/4 v. 1/2 mi.	Vis. 2 mi.

$\bar{T} = 30$ $T_W = 31$

$H_{DD} = 35$ $T_D = 31$

$\Sigma H_{DD} = 377$

MIN T OCRD ~ NOON, 10TH
MAX T OCRD ~ 4AM, 11TH

Σ PPN.$_L$ = 2.27"

Σ PPN.$_S$ = 13.4"

S obs - 2130 LT
S, IP - 2115 - 40 LT
R - 2140 - 0300 LT
R-S-IP 0300 - 15 LT
S - 0430 LT - obs
(OCNL S)

PSH Blue Course: (S)

1030 LT = 3.4"	1810 LT = 9.0"
1140 LT = 4.2"	1900 LT = 10.0"
1500 LT = 6.2"	2000 LT = 10.7"
1620 LT = 7.7"	0645 LT = 9.0"

Saturday December 12, 1992 2400 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. NNW	Temp. 73 °F	S- (OCNL S) obs- 1930 LT S-- 1930 LT - 2200 LT (FLURRIES OVERNIGHT) -OVER-		
Min. 32 °F	Vel. 12 m.p.h.	Read. 28.79 in.			
Set 32 °F	Char. STEADY	Corr. 28.66 in.	0700	1300	1900
R.H. 89 %	24 hr. Mov. N/A mi.	Sea L. 30.06 in.	Clds. -P/10 OVC.	Clds.	Clds. 10/10 OVC
Ppn. Liq. 0.77 in.	Prev. Dir. N/A	3 hr. Tend. +2.0/ mb	Wx CLOUDY, BREEZY	Wx	Wx COLD, Breezy
Ppn. Sol. 5.5 in.	Snow Depth 12.0 in.	Observer CPB	Vis. 4 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T} = 33$

$H_{DD} = 32$

$\Sigma C_{DD} = 0$

$\Sigma H_{DD} = 409$

$T_{D_{MIN}} = 29$

$T_{D_{RANGE}} = 27$

SNOW DEPTH
(PSU BLUE COURSE):
1300 LT = 10."
1600 LT = 11.5"
GAUGE EMPTIED @ 1645 LT
0.7" LIQ. / 4.9" SOLID

$\Sigma PPN._L = 3.04"$ / $\Sigma PPN._S = 18.9"$

Sunday, December 13, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. N	Temp. 73 °F	OCNL S-- 0930-1200 LT		
Min. 29 °F	Vel. 5 m.p.h.	Read. 29.07 in.			
Set 30 °F	Char. steady	Corr. 28.94 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. NA mi.	Sea L. 30.36 in.	Clds. 10/10 St	Clds.	Clds. 0/10
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. +2.5/ mb	Wx Grey + Chilly	Wx	Wx CLEAR
Ppn. Sol. T in.	Snow Depth 8.0 in.	Observer HDS	Vis. 20 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T} = 33$

$HDD = 32$

$\Sigma HDD = 441$

$\Sigma PCN_L = 3.0$"

$\Sigma PCN_S = 18.9$"

$T_{roof} = 29$ $T_w = 26.5$ $T_o = 21.5$

$T_{Dunn} = 22$

$T_{Oramos} = 20$

MONDAY, DECEMBER 14, 1992

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. —	Temp. 72 °F	THICK FOG ALONG BASES OF TUSSEY + NITTANY MTNS. ALL BUT CRESTS OBSCURED		
Min. 20 °F	Vel. 0 m.p.h.	Read. 29.21 in.			
Set 21 °F	Char. Calm	Corr. 29.08 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. NA mi.	Sea L. 30.54 in.	Clds. 0/10	Clds. -1/10 Ci	Clds. 0/10 Clr
Ppn. Liq. - in.	Prev. Dir. NA	3 hr. Tend. +0.5/mb	Wx COLD FOG	Wx M. Clear & Cold	Wx Clear + Calm
Ppn. Sol. - in.	Snow Depth 7 in.	Observer SC	Vis. 1/2 mi.	Vis. 15 mi. (Haze in Valley)	Vis. 4 mi.

$\bar{T} = 28$

$HDD = 37$

$\Sigma HDD = 478$

$\Sigma PPN_L = 3.04''$

$\Sigma PPN_S = 18.9''$

$T_{ROOF} = 19$

$T_{DRAMUS} = 15$

$T_{UW} = 18$

$TD_{UW} = 15$

Tuesday, December 15, 1992
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 38 °F	Dir. —	Temp. 75 °F	- Fog All QDRNTS - Glaze on surrounding trees from fog		
Min. 16 °F	Vel. 0 m.p.h.	Read. 29.07 in.			
Set 19 °F	Char. Calm	Corr. 28.93 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. NA mi.	Sea L. 30.38 in.	Clds. X	Clds.	Clds. 10/10 St
Ppn. 0 in. Liq.	Prev. Dir. NA	3 hr. Tend. +0.5 mb	Wx Foggy + Cold	Wx	Wx cold & cloudy
Ppn. 0 in. Sol.	Snow Depth 7.0 in.	Observer HDS	Vis. ½ Var. 1 mi.	Vis. mi.	Vis. some fog 8 mi.

$\bar{T}$ = 27 T_{ROOF} = 17 T_W = 16 T_D = 13

HDD = 38 T_{DUNV} = 12

ΣHDD = 516 T_{DRAMOS} = 13

ΣPCN_L = 3.04"

ΣPCN_S = [redacted] 19.0"

Wednesday, 16 December 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 34	°F	Dir. —		Temp. 74	°F	OCNL SG-- TUES AM		
Min. ✱ 17	°F	Vel. 0	m.p.h.	Read. 28.88	in.	RW- OCNL L--0540 → 0600LT		
Set 33	°F	Char. Calm		Corr. 28.75	in.	RW- obs		
						*overnight low 27°		
						0700	1300	1900
R.H. 88	%	24 hr. Mov. N/A	mi.	Sea L. 30.16	in.	Clds. 10/10 ST	Clds. 10/10 St	Clds.
Ppn. Liq. .01	in.	Prev. Dir. N/A		3 hr. Tend. +.5/	mb	Wx damp grey	Wx dull, grey Haze, Fog	Wx
Ppn. Sol. 0	in.	Snow Depth 6	in.	Observer MHB		Vis. 3 F mi.	Vis. 4 v 6 mi.	Vis. mi.

$T_{roof} = 31$

$T_w = 30$

$T_d = 28$

T_d UNV $= 30$

T_d Ramos $= 27$

$\bar{T} = 26$

$HDD = 39$

$\Sigma HDD = 555$

$\Sigma pcp_L = 3.05''$

$\Sigma pcp_s = 19.0''$

MIN T OCRD ~ 0800 LT, 15th

Thursday, December 17, 1992
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. —	Temp. 73 °F	* overnight low = set temp OCNL RW- obs -1130 LT L- 1550-1630 LT L- 1800-1845 LT FL- 2250-0100 LT R-, OCNL R 0445-0700 LT (over)		
Min. * 33 °F	Vel. 0 m.p.h.	Read. 28.73 in.			
Set 34 °F	Char. Calm	Corr. 28.60 in.			
			0700	1200	1900
R.H. 90 %	24 hr. Mov. NA mi.	Sea L. 29.99 in.	Clds. 10/10 Ns	Clds. 10/10	Clds. SCT
Ppn. Liq. .35 in.	Prev. Dir. NA	3 hr. Tend. -2.0L mb	Wx light rain & fog	Wx L- - FOG	Wx clearing skies chilly
Ppn. Sol. 0 in.	Snow Depth 5 in.	Observer HDS	Vis. 1 1/2 V. 2 mi.	Vis. 1/4 V. 1/2 mi.	Vis. 7 mi.

$\bar{T}$ = 35

HDD = 30

ΣHDD = 585

ΣPCN_L = 3.40"

ΣPCN_S = 19.0"

T_{ROOF} = 33 T_W = 32 T_O = 30.5

T_{OUNV} = 31

T_{DRAINS} = 29

Rainfall @ ~1900 LT = .09 in.

FRIDAY, DECEMBER 18, 1992
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. –	Temp. 74 °F	R-, OCNL R OBS -1030 LT L- 1030 - 1430 LT		
Min. 33 °F	Vel. 7 m.p.h.	Read. 29.02 in.			
Set 35 °F	Char. VAR	Corr. 28.89 in.	0700	1300	1900
R.H. 67 %	24 hr. Mov. NA mi.	Sea L. 30.30 in.	Clds. 9/10	Clds. 9/10 Sc	Clds.
Ppn. Liq. 0.32 in.	Prev. Dir. NA	3 hr. Tend. +2.5/ mb	Wx M. CLOUDY	Wx Bit o' sun Good vis.	Wx
Ppn. Sol. 0 in.	Snow Depth 4 in.	Observer SC	Vis. 15 mi.	Vis. 45 mi.	Vis. mi.

$\bar{T} = 36$

$HDD = 29$

$\Sigma HDD = 614$

$\Sigma PCN_L = 3.72"$

$\Sigma PCN_S = 19.0"$

$T_{UNV} = 34$

$T_{OUNV} = 26$

$T_{RUCF} = 33$

$T_{ORUC} = 24$

Saturday Dec. 19, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 38 °F	Dir. W	Temp. 74 °F	MIN OCRD ~ 0000 LT INVERSION ERODED		
Min. 24 °F	Vel. 4 m.p.h.	Read. 29.06 in.			
Set 33 °F	Char. LIGHT	Corr. 28.93 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. NA mi.	Sea L. 30.35 in.	Clds. -10/10	Clds.	Clds. 10/10
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. ↘-1.0 mb	Wx CLOUDY, COLD	Wx	Wx CLDY, FAINT BREEZE
Ppn. Sol. 0 in.	Snow Depth 3 in.	Observer CPB	Vis. 6 mi.	Vis. mi.	Vis. ≥7 mi.

$\bar{T} = 31$

$H_{\gg} = 34$

$\Sigma H_{\gg} = 648$

$\Sigma ppN._L = 3.72"$

$\Sigma ppN._S = 19.0"$

$T_{q_{MNO}} = 25$

$T_{q_{RAMOS}} = 23$

Sunday December 20 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 42 °F	Dir. WSW	Temp. 74 °F	• Sprinkles and L- from ~ 0400 - 0630 LT (estimate)
Min. 33 °F	Vel. 9 m.p.h.	Read. 28.66 in.	
Set 38 °F	Char. Steady	Corr. 28.53 in.	
R.H. 79 %	24 hr. Mov. NA mi.	Sea L. 29.91 in.	
Ppn. Liq. .14 in.	Prev. Dir. NA	3 hr. Tend. -1/2 V mb	
Ppn. Sol. 0 in.	Snow Depth 3 in.	Observer JCK	

	0700	1300	1900
Clds.	10/10 Sc	Clds.	Clds.
Wx	• ove • Light fog	Wx	Wx
Vis.	10 mi.	Vis. mi.	Vis. mi.

$T_{Avg} = 38$

$T_{Annual} = 32$

$T_{min} =$

$\bar{T} = 38$

$HDD = 27$

$\Sigma HDD = 675$

$\Sigma PCN_c = 3.86''$

$\Sigma PCN_s = 19.0''$

Monday December 21, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. SW	Temp. 70 °F	RW- 0730 LT (ONLY A TRACE)		
Min. 20 °F	Vel. 4 m.p.h.	Read. 29.12 in.			
Set 20 °F	Char. LIGHT	Corr. 29.00 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. N/A mi.	Sea L. 30.46 in.	Clds. - 1/10 Ci	Clds.	Clds. 0/10
Ppn. Liq. T in.	Prev. Dir. N/A	3 hr. Tend. +0.2 ✓ mb	Wx CRISP, COLD	Wx	Wx CLR
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer CPB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 30$

$H_{>>} = 35$

$\Sigma H_{>>} = 710$

$Td_{min} = 15$

$Td_{RANGE} = 12$

$\Sigma ppn_L = 3.86''$ $\Sigma ppn_S = 19.0''$

Tuesday December 22 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. SW	Temp. 73 °F			
Min. 20* °F	Vel. 5 m.p.h.	Read. 28.86 in.			
Set 32 °F	Char. Light + Steady	Corr. 28.75 in.	* ovnt low: ~26		
			0700	1300	1900
R.H. 58 %	24 hr. Mov. NA mi.	Sea L. 30.14 in.	Clds. 8/10 Sc	Clds.	Clds. 9/10
Ppn. Liq. 0 in.	Prev. Dir. NA	3 hr. Tend. +1½ ✓ mb	Wx • cold, ovnt not as Hvy	Wx	Wx CLR
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer JCK	Vis. 20 mi.	Vis. mi.	Vis. 15 mi.

$T_{Roof} = 30$

$T_{Summer} = 17$

$T_{Winter} = 20$

$\bar{T} = 27$

$HDD = 38$

$\Sigma HDD = 748$

$\Sigma PCN_s = 3.86"$

$\Sigma PCN_s = 19.0"$

WED. DEC. 23, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. WSW	Temp. 74 °F	L- BEGAN JUST BEFORE OBS (0655 LT)		
Min. 27 °F	Vel. 8 m.p.h.	Read. 28.70 in.	* PLENTY OF BARE SPOTS MIN T OCRD ~ 0100 LT 0100-0500 T ROSE TO 39		
Set 37 °F	Char. STDY	Corr. 28.57 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. NA mi.	Sea L. 29.95 in.	Clds. 10/10	Clds. 8/10	Clds. BKN
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. V +0 mb	Wx L-	Wx Haze	Wx
Ppn. Sol. 0 in.	Snow Depth 1* in.	Observer JHM	Vis. 10 mi.	Vis. 10 mi.	Vis. 12 mi.

$\bar{T} = 34$ $T_{roof} = 36$ $T_w = 34$ $T_d = 31$

$T_{d\,RAMS} = 28$

$T_{d\,UAV} = 31$

$H_{DD} = 31$

$\Sigma_{HDD} = 779$

$\Sigma_{PCN(L)} = 3.86''$

$\Sigma_{PCN(G)} = 19.0''$

Thursday December 24 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. 18 ← 38	Temp. 74 °F	• Gusts to at least 45 mph in the hour prior to obs. • Occnl S- from 0430 23rd to 0930 LT on 23rd • Flurries on-off then roughly 0930 - 0730 LT		
Min. 21 °F	Vel. NW m.p.h.	Read. 28.94 in.			
Set 21 °F	Char. very gusty + var.	Corr. 28.81 in.	0700	1300	1900
R.H. 45 %	24 hr. Mov. NA mi.	Sea L. 30.26 in.	Clds. 1/10 Cu	Clds. 5/10 Sc Cu	Clds. 0/10
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. +5½ / mb	Wx • cold • alarming • Blowing snow	Wx SWU Mainly NW & over Jersey	Wx Downright cold
Ppn. Sol. .1 in.	Snow Depth 1 in.	Observer JCK	Vis. 45 mi.	Vis. 5 V 7 mi.	Vis. 12 mi.

$T_{avg} = 18$

$T\ell_{ramos} = 0$

$T\ell_{unv} = 7$
But crashing

$\overline{T} = 33$

$HDD = 32$

$\sum HDD = 811$

$\sum Pcw_{w} = 3.86''$

$\sum Pcw_{s} = 19.1''$

Friday, December 25, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 22 °F	Dir. 210	Temp. 74 °F	1035 - 1040 LT S- 1040 - 1050 S 1050 - 1100 S and SE Vsblty To 1/8 - mile 1100 - 1105 S 1105 - 1115 S- Rest of Day: Lots of lighter squalls. Remos Low: 11° Around midnight		
Min. 13 °F	Vel. 12 m.p.h.	Read. 29.03 in.			
Set 18 °F	Char. Gust To 18	Corr. 28.90 in.	0700	1300	1900
R.H. 51 %	24 hr. Mov. NA mi.	Sea L. 30.35 in.	Clds. 1/10 Ci	Clds. 10/10 AS	Clds. 1/10 Sc 9/10 Strat
Ppn. Liq. .02 in.	Prev. Dir. NA	3 hr. Tend. -2.8 mb	Wx Brezzy Quite Ci S-NW	Wx	Wx "Mild" wind
Ppn. Sol. .4 in.	Snow Depth 1 in.	Observer D.H.G.	Vis. 25 mi.	Vis. 15 mi.	Vis. ≤10 mi.

$T_{Roof} = 15$

$T_{Ramps} = 0$

$T_{Env} = 2$

$\bar{T} = 18$

$HDD = 47$

$\Sigma HDD = 858$

$\Sigma PCN_L = 3.88''$

$\Sigma PCN_S = 19.5''$

Saturday December 26 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. W	Temp. 74 °F	• S- 1445 LT - ~1500 LT (v. light) • S- 1520-1545 vis. ↓ to 3 mi. • ocnl S-, very light, 1545-1730		
Min. 17 °F	Vel. 18 42 mph	Read. 29.02 in.			
Set 18 °F	Char. Gusty	Corr. 28.89 in.	0700	1300	1900
R.H. 51 %	24 hr. Mov. NA mi.	Sea L. 30.36 in.	Clds. 1/10 Sc	Clds.	Clds.
Ppn. Liq. trace .01 in.	Prev. Dir. NA	3 hr. Tend. +3½ / mb	Wx Blowing + cold	Wx	Wx
Ppn. .2 Sol. trace in.	Snow Depth 1 in.	Observer JCK	Vis. 30 mi.	Vis. mi.	Vis. mi.

$T_{bog} = 15$ $\qquad$ $\bar{T} = 26$

$T\ell_{annual} = 0$ $\qquad$ $HDD = 39$

$T\ell_{vnv} = 6$ $\qquad$ $\sum HDD = 897$

$\sum P_{cN_c} = 3.89''$

$\sum P_{cN_s} =$ ~~19.5''~~ ~~18.5''~~ $19.7''$

Sunday December 27 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	23 °F	Dir.	—	Temp.	74 °F	Many bare spots, also many deep, * non-drift areas above 1"		
Min.	9 °F	Vel.	0 m.p.h.	Read.	29.45 in.	0700	1300	1900
Set	12 °F	Char.	calm	Corr.	29.32 in.			
R.H.	69 %	24 hr. Mov.	NA mi.	Sea L.	30.83 in.	Clds. 0/10 clr.	Clds.	Clds. 0/10 clr
Ppn. Liq.	0 in.	Prev. Dir.	NA	3 hr. Tend.	+1½ mb	Wx frozen ridge-base fog, clr	Wx	Wx cold unremarkable
Ppn. Sol.	0 in.	Snow Depth	1* in.	Observer	JCK	Vis. 30 mi.	Vis. mi.	Vis. ≥ 30 mi.

$T_{roof} = 9$ $\quad \overline{T} = 16$

$T_{lamin} = 1$ $\quad HDD = 49$

$T_{low} = 3$ $\quad \Sigma HDD = 946$

$\Sigma DCN_c = 3.89"$

$\Sigma DCN_c = 19.7"$

Monday December 28 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.
Max. 28 °F	Dir. ESE	Temp. 74 °F
Min. 10* °F	Vel. 3 m.p.h.	Read. 29.37 in.
Set 24 °F	Char. very light	Corr. 29.24 in.
R.H. 81 %	24 hr. Mov. NA mi.	Sea L. 30.70 in.
Ppn. Liq. .04 in.	Prev. Dir. NA	3 hr. Tend. ±0 mb
Ppn. Sol. .2 in.	Snow Depth 1 in.	Observer JCK

General Obs.

• Dusting of snow then sleet, freezing rain [illegible] roughly 0500 or 0510 through obs.

Sleet, snow, but mostly

* event low: 20 ** Fr. Rain

0700	1300	1900
Clds. 10/10 stratus	Clds.	Clds. 10/10
Wx • low clouds • fog • freezing rain	Wx	Wx ZL, F
Vis. 2 1/2 mi.	Vis. mi.	Vis. 1 mi.

$T_{avg} = 22$ $\quad \bar{T} = 19$

$T_{departure} = 17$ $\quad HDD = 46$

$T_{low} = 19$ $\quad \sum HDD = 992$

$\sum P_{CN_2} = 3.93"$

$\sum A_{CN_2} = 19.9"$

TUES. DEC. 29, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 33 °F	Dir. —	Temp. 74 °F	ZL-, OCNL ZR- and ZL obs 28th – 0300 LT (EST) MIN T OCRD AFTER OBS, 28th MAX T OCRD ~ 0500 LT HVY GLAZE ON COLD SURFACES		
Min. 23 °F	Vel. 0 m.p.h.	Read. 29.30 in.			
Set 32 °F	Char. calm	Corr. 29.17 in.			
			0700	1300	1900
R.H. 92 %	24 hr. Mov. NA mi.	Sea L. 30.55 in.	Clds. X	Clds.	Clds. 10/10 although I could see it
Ppn. Liq. 0.16 in.	Prev. Dir. NA	3 hr. Tend. ^ +0 mb	Wx ≡	Wx	Wx • Fog • Rain Drizzle
Ppn. Sol. 0 in.	Snow Depth 1 in.	Observer JHM	Vis. 1/2 mi.	Vis. mi.	Vis. 1/4 v. 3/4 mi.

$\bar{T} = 28$

$H_{DD} = 37$

$\Sigma_{HDD} = 1029$

$\Sigma_{PCW(L)} = 4.09''$

$(S) = 19.9''$

$T_{ROOF} = 30$

$T_{d\ RAMS} = 27$

$T_{d\ UNV} = 30$ $(T_{UNV} = 32)$

Wednesday December 30 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.
Max. 40 °F	Dir. SSE	Temp. 74 °F
Min. 32* °F	Vel. 4 m.p.h.	Read. 29.00 in.
Set 38 °F	Char. light steady	Corr. 28.87 in.
R.H. 86 %	24 hr. Mov. NA mi.	Sea L. 30.26 in.
Ppn. Liq. T in.	Prev. Dir. NA	3 hr. Tend. ±0 mb
Ppn. Sol. 0 in.	Snow Depth 1 in.	Observer JCK

General Obs.

• Obnl ZL-, L- AM on 29th
• R- from time to time 1600 LT
to ~ 2000 LT

* ovnt low: 34

0700	1300	1900
Clds. 10/10 Sc	Clds.	Clds. X
Wx • fog • [illegible] • damp	Wx	Wx ≡
Vis. 1½ v. 7 mi.	Vis. mi.	Vis. ¼ v ½ mi.

$T_{avg} = 39$ $\overline{T} = 36$

$T_{l_{comm}} = 35$ $HDD = 29$

$T_{l_{conv}} = 36$ $\sum HDD = 1058$

$\sum pcn_2 = 4.09''$

$\sum pcn_3 = 19.9''$

THURS. DEC 31, 1992 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 51 °F	Dir. SW	Temp. 75 °F	RIDGETOPS obscured PATCHY GF OVER SNOW OCNL L-, RW- obs - 2330 LT RW-, OCNL RW 2330 - 0100 LT (est)		
Min. 37 °F	Vel. 16 m.p.h.	Read. 28.74 in.			
Set 50 °F	Char. STDY.	Corr. 28.61 in.			
			0700	1300	1900
R.H. 88 %	24 hr. Mov. NA mi.	Sea L. 29.96 in.	Clds. 10/10 -v	Clds.	Clds.
Ppn. Liq. 0.18 in.	Prev. Dir. NA	3 hr. Tend. V +0 mb	Wx OVC, BRDZ, MIFG	Wx	Wx
Ppn. Sol. 0 in.	Snow Depth T in.	Observer JHM	Vis. 8 mi.	Vis. mi.	Vis. mi.

$\bar{T} = 44$ $T_{roof} = 50$ $T_W = 48$ $T_d = 46.5$

$T_{d\,max} = 45$

$T_{d\,MIN} = 48$

$H_{DD} = 21$

$\Sigma H_{DD} = 1079$

$\Sigma P_{CP(L)} = 4.27"$

$(S) = 19.9"$