SUNDAY 01 December 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. W	Temp. 70 °F	0744 LT -RA Frog -SHRA OCNL SHRA
Min. 32 °F	Vel. 10 m.p.h.	Read. 29.67 in.	TEMPS ROSE ALL NIGHT
Set 44 °F	Char. STEADY	Corr. 29.55 in.	
R.H. 78 %	24 hr. Mov. 52 mi.	Sea L. 29.91 in.	
Ppn. Liq. 0.56 in.	Prev. Dir. SSE	3 hr. Tend. -2.0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SWH	

0700	1300	1900
Clds. 10/10 NS	Clds.	Clds. 10/10 NS
Wx -RA	Wx	Wx -RA Windy
Vis. 5 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$ 38

400 27

Σ400 27

ΣRCN, 0.56

Tramos 43/39

T_{INV} 43/43

T_d 39

MONDAY 02 December 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. WNW	Temp. 70 °F	0700 - RA Began OCCL RA 2000 TSRA 1530 0.30" 2200 1.14"	1750 LST MAX WIND 50MPH (ASOS) 0100 LST 0.20" (GAUGE EMPTIED)	
Min. 33 °F	Vel. 10G19 m.p.h.	Read. 28.69 in.			
Set 34 °F	Char. GUSTY	Corr. 28.79 in.	0700	1300	1900
R.H. 56 %	24 hr. Mov. 226 mi.	Sea L. 29.87 in.	Clds. 10/10 SC	Clds. 7/10 SC	Clds. 7/10 Sc
Ppn. Liq. 1.64 in.	Prev. Dir. SSW	3 hr. Tend. +4.0 / mb	Wx WINDY	Wx BLUSTERY BRRR	Wx Gray Calming Down
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SNH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ 46

HDD 19

ΣHDD 46

ΣPN_i 2.20

T_{MAX} 42/37

T_{MIN} 32/19

$\bar{T}$ 49

* REC PRECIP FOR DAY, OCT = 1.48, 1974

* REC MAX TEMP, OCT = 57°, 1962

Tuesday December 3, 1996 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. Variable	Temp. 72 °F	0745 LT - Flurries		
Min. 24 °F	Vel. 2 m.p.h.	Read. 28.89 in.			
Set 26 °F	Char. Variable	Corr. 28.77 in.	0700	1300	1900
R.H. 85 %	24 hr. Mov. 70 mi.	Sea L. 30.19 in.	Clds. Ci on N Horizon 0/10	Clds. Ci 1/10	Clds. Ci 1/10
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +0− mb	Wx Clear & Cold	Wx Clear + Cool	Wx Clear + Cool
Ppn. Sol. T in.	Snow Depth Ø in.	Observer SAG	Vis. 15 mi.	Vis. 25 mi.	Vis. N 25 mi.

$\bar{T} = 32$

$HDD = 33$

$\Sigma HDD = 79$

$\Sigma PCN_L = 2,20$

$\Sigma PCN_s = T$

$T_{UNV} = 26/23$

$T_{Ramos} = 24/20$

$T_D = 22$

Wednesday December 4, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. W	Temp. 70 °F	* Overnight Low RA SH - Overnight		
Min. 26 °F	Vel. 14 m.p.h.	Read. 28.98 in.			
Set * 36 °F	Char. VAR	Corr. 28.86 in.	0700	1300	1900
R.H. 85 %	24 hr. Mov. 85 mi.	Sea L. 30.26 in.	Clds. 10/10 StCu	Clds. 10/10 Sc	Clds. 10/10 Sc
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. +1.0 mb	Wx Cool + Damp	Wx DRIZZLY	Wx Cool
Ppn. Sol. Ø in.	Snow Depth Ø in.	Observer JCW	Vis. 17 mi.	Vis. 20 mi.	Vis. 25 mi.

$\bar{T} = 37$

$HDD = 28$

$\Sigma HDD = 107$

$\Sigma PCN_L = 2.20$

$\Sigma PCN_S = T$

$T_{UNV} = 36/32$

$T_{ramo} = 33/25$

$T_D = 32$

Thursday, December 5, 1996 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. —	Temp. 69 °F	-SHSN 0800=0845LT -SHRA ~1200 LT		
Min. 28 °F	Vel. — m.p.h.	Read. 28.97 in.			
Set 29 °F	Char. Calm	Corr. 28.85 in.	0700	1300	1900
R.H. 85 %	24 hr. Mov. 72 mi.	Sea L. 30.27 in.	Clds. 3/10 Sc Ci	Clds. 10/10 Sc To	Clds. 10/10 Ns
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. -.2 mb	Wx Cool Wave Clouds Cold	Wx Cold	Wx Sn-
Ppn. Sol. T in.	Snow Depth — in.	Observer SAG	Vis. 15 mi.	Vis. 25 mi.	Vis. 7 mi.

$\bar{T} = 34$

$HDD = 31$

$\Sigma HDD = 138$

$\Sigma PCN_c = 2.20"$

$\Sigma PCN_s = T$

$T_{RAMOS} = 27/23$

$T_{UNV} = 27/26$

$T_D = 25$

Friday December 6, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 39 °F	Dir. SW	Temp. 70 °F	* Overnight low 34 -SN 1640 ~ 0200LT
Min. 29* °F	Vel. 10 m.p.h.	Read. 28.56 in.	** REC. SNOW FOR DAY, OLD = YS, 1910, 1977
Set 34 °F	Char. Highly Var.	Corr. 28.44 in.	

	0700	1300	1900
R.H. 93 %	Clds. 10/10 StCu	Clds. 10/10 Sc	Clds. 2/10
Ppn. Liq. 0.60 in.	Wx Cold & Gray	Wx SLUSHY	Wx CHILLING
Ppn. Sol. ** 5 in.	Vis. 7 mi.	Vis. 17 mi.	Vis. 10 mi.
Snow Depth 5 in.			
Prev. Dir. SSE			
3 hr. Tend. 1.0 / mb			
Observer JCW			

$\bar{T} = 34$

HDD = 31

ΣHDD = 169

$\Sigma PCN_L = 2.80"$

$\Sigma PCN_s = 5.0"$

T_{ramps} 38/24

T_{UNV} 32/32

$T_D = 32$

SATURDAY, DECEMBER 7, 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. CALM	Temp. 69 °F			
Min. 30 °F	Vel. 0 m.p.h.	Read. 28.54 in.			
Set 33 °F	Char. CALM	Corr. 28.42 in.	0700	1300	1900
R.H. 72 %	24 hr. Mov. 56 mi.	Sea L. 29.82 in.	Clds. 10/10 As	Clds.	Clds. 1/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. WSW	3 hr. Tend. +1.0 / mb	Wx GRAY	Wx	Wx BLA
Ppn. Sol. 0.0 in.	Snow Depth 4 in.	Observer DOS	Vis. 17 mi.	Vis. mi.	Vis. 20 mi.

F - 34

NDD - 31

ΣNDD - 200

$EPCN_c$ - 2.40"

$EPCN_s$ - 5.0"

T_{RAMOS} - 32/24

T_{UNV} - 32/26

T_d - 25

SUNDAY 08 DECEMBER 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 38 °F	Dir. —	Temp. 68 °F			
Min. 22 °F	Vel. - m.p.h.	Read. 28.47 in.			
Set 25 °F	Char. CALM	Corr. 28.36 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. 6 mi.	Sea L. 29.77 in.	Clds. CLR	Clds.	Clds. 1% NS
Ppn. Liq. 0 in.	Prev. Dir. 5	3 hr. Tend. -1.0 \ mb	Wx crisp (COLD)	Wx	Wx Blustery -SN
Ppn. Sol. 0 in.	Snow Depth 3 in.	Observer SNH	Vis. 25 mi.	Vis. mi.	Vis. 3 mi.

$\bar{T}$ 30

HDD 35

ΣHDD 235

ΣPCN_2 2.80"

ΣPCN_3 5.0"

Tramos 24/19

Tuno 30/26

TJ 19

MONDAY 09 DECEMBER 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 43 °F	Dir. W	Temp. 70 °F	~1815 CT -SHSN		
Min. 23 °F	Vel. 5 m.p.h.	Read. 28.75 in.			
Set 28 °F	Char. Breezy	Corr. 28.63 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. 75 mi.	Sea L. 30.04 in.	Clds. Sc 9/10 WS	Clds. CU 7/10 SC	Clds. Sc 9/10
Ppn. Liq. 0.01 in.	Prev. Dir. SW	3 hr. Tend. +2.5/ mb	Wx Breezy Cold	Wx Occas Snow	Wx Breezy Cold. A few flakes
Ppn. Sol. 0.1 in.	Snow Depth 2 in.	Observer SNH	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ 33

T_{Farnos} 27/18 T_D 18

T_{DNU} 30/23

HOD 32

ΣHOD 267

ΣPCN_C 52.81

ΣPCN_S 5.1

TUESDAY 10 DECEMBER 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 38 °F	Dir. SSW	Temp. 69 °F	-SHSN 1620 - 1645, ~1830 LT
Min. 27 °F	Vel. 5 m.p.h.	Read. 28.90 in.	
Set 29 °F	Char. STEADY	Corr. 28.78 in.	
R.H. 85 %	24 hr. Mov. 91 mi.	Sea L. 30.20 in.	
Ppn. Liq. T in.	Prev. Dir. W	3 hr. Tend. +0.0 mb	
Ppn. Sol. T in.	Snow Depth 1 in.	Observer WTS	

	0700	1300	1900
Clds.	Clds. 10/10 St	Clds. St 10 TO THIN OVC	Clds. SC TO
Wx	Wx -SHSN IN HAZE	Wx Cold+Calm	Wx Cool+Clear
Vis.	Vis. 20 mi.	Vis. 25 mi.	Vis. 15 mi.

$\bar{T} = 33$

$H_{DD} = 32$

$\Sigma H_{DD} = 299$

$\Sigma PCN_L = 2.81$

$\Sigma PCN_S = 5.1$

$T_{AMOS} = 25/17$

$T_{UNV} = 27/23$

$T_D = 23$

Wednesday 11 December 1996
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 36 °F	Dir. —	Temp. 68 °F	-SHSN 0745 -0845 LT * Overnight Low 32
Min. * 29 °F	Vel. 0 m.p.h.	Read. 28.71 in.	
Set 34 °F	Char. CALM	Corr. 28.59 in.	
R.H. 85 %	24 hr. Mov. 46 mi.	Sea L. 29.98 in.	
Ppn. Liq. T in.	Prev. Dir. S	3 hr. Tend. 0.5 mb	
Ppn. Sol. T in.	Snow Depth 1 in.	Observer JCW	

0700	1300	1900
Clds. 10/10 St	Clds. 10/10 NS	Clds. 10/10 NS
Wx Fog in Valley + Calm	Wx -SHRA FOG	Wx -SHRA FOG
Vis. 7 mi.	Vis. 2 mi.	Vis. 3 mi.

$\bar{T} = 34$

$HDD = 31$

$\Sigma HDD = 330$

$\Sigma PCN_L = 2.81''$

$\Sigma PCN_S = 5.1''$

$T_{ramps} = 33/25$

$T_{UNV} = 32/30$

$Td = 30$

Thursday December 12, 1996 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 39 °F	Dir. —	Temp. 69 °F	OCCL - SHRA All Day 1645-1730 - RA OCCL +RA
Min. 33 °F	Vel. — m.p.h.	Read. 28.83 in.	
Set 37 °F	Char. Calm	Corr. 28.71 in.	
R.H. 92 %	24 hr. Mov. M mi.	Sea L. 30.10 in.	
Ppn. Liq. .58 in.	Prev. Dir. M	3 hr. Tend. +1.1 ↓ mb	
Ppn. Sol. 0 in.	Snow Depth T in.	Observer SAG	

	0700	1300	1900
Clds.	10/10 St	10/10 St	10/10 Ns
Wx	Fog	Wx Light Fog BLSN	Wx Light Fog -RA
Vis.	1.5 mi.	5 mi.	3 mi.

$\bar{T} = 36$

$HDD = 29$

$\Sigma HDD = 360$

$\Sigma PCN_L = 3.39$

$\Sigma PCN_S = 5.1$

$T_{RAMOS} = 35/33$

$T_{JNV} = 37/37$

$T_D = 35$

Friday December 13, 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 46 °F	Dir. —	Temp. 70 °F	0930 LT ~ 0000 LT OCCL -RA 0000 LT - 0700 LT STEADY - RA * OVNT LOW 42
Min. 37 °F	Vel. — m.p.h.	Read. 28.90 in.	
*Set 43 °F	Char. CALM	Corr. 28.78 in.	
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 30.15 in.	
Ppn. Liq. 0.76 in.	Prev. Dir. M	3 hr. Tend. +1.0 mb	
Ppn. Sol. ϕ in.	Snow Depth ϕ in.	Observer JCW	

	0700	1300	1900
Clds.	Clds. Ns 10/10	Clds. Ns 10/10	Clds. Ns 10/10
Wx	Wx FG -RA	Wx FOG -RA	Wx FOG -DZ
Vis.	Vis. 3 mi.	Vis. 1 mi.	Vis. 1 mi.

$\bar{T} = 42$

$HDD = 29$

$\Sigma HDD = 389$

$\Sigma PCN_L = 4.15''$

$\Sigma PCN_S = 5.1$

$T_{ramos} = 42/40$

$T_{UNV} = 43/43$

$T_D = 43$

SATURDAY 14 DECEMBER 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. NNW	Temp. 68 °F	-RA OCC RA		
Min. 35 °F	Vel. 5 m.p.h.	Read. 29.02 in.	0700CT – 1530CT		
Set 35 °F	Char. STEADY	Corr. 28.91 in.	1530CT ~ 1130CT -DZ		
			1550CT GAUGE EMPTIED 0.50" LIQ		
			0700	1300	1900
R.H. 75 %	24 hr. Mov. ?? mi.	Sea L. 30.31 in.	Clds. 10/10 SC	Clds.	Clds. CLR
Ppn. Liq. 0.55 in.	Prev. Dir. NW	3 hr. Tend. +1.0 ~ mb	Wx DRIZZLE	Wx	Wx CALM
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SNH	Vis. 5 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ 40 T_{runs} 34/29 T_D 29

HDD 23 T_{cum} 36/33

ΣHDD 408

ΣPDV 4.79

ΣPRN$_S$ 5.1

SUNDAY 15 DECEMBER 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. –	Temp. 68 °F			
Min. 29 °F	Vel. – m.p.h.	Read. 29.19 in.			
Set 33 °F	Char. CALM	Corr. 29.08 in.	0700	1300	1900
R.H. 71 %	24 hr. Mov. 22 mi.	Sea L. 30.50 in.	Clds. ST 10/10	Clds. 10/10 SC	Clds. 10/10 SC
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. +1.0 ⌐ mb	Wx Chilly	Wx DULL	Wx UNCHANGED
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SNA	Vis. 25 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T}$ 35

HOD 30

ΣHOO 438

ΣPCN_L 4.70"

ΣPCN_S 5.1"

T_{trans} 31/23

T_{UNU} 32/28

To 25

MONDAY 16 December 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. S	Temp. 68 °F	-DZ Began N 0500 LT		
Min. 31 °F	Vel. 10 619 m.p.h.	Read. 29.00 in.			
Set 37 °F	Char. GUSTY	Corr. 28.89 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. 49 mi.	Sea L. 30.29 in.	Clds. SC 10/10 NS	Clds. 10/10 SC	Clds. 10/10 SC NS
Ppn. T Liq. in.	Prev. Dir. S	3 hr. Tend. -0.5 ~ mb	Wx -DZ	Wx BLSN	Wx -DZ
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer SNH	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T}$ 35

T_{min} 38/35 T_D 30

HDD 30

T_{normos} 35/29

ΣHDD 468

ΣPCN_c 4.70"

ΣPCN_s 5.1"

Tuesday 17 December 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 43 °F	Dir. SSW	Temp. 70 °F	Overnight Low 40f 0500 → 0900 -DZ 1809 → OB FROST -DZ
Min. 37* °F	Vel. 5 m.p.h.	Read. 28.68 in.	
Set 40 °F	Char. Breezy	Corr. 29.56 in.	
R.H. 89 %	24 hr. Mov. 77 mi.	Sea L. 29.93 in.	
Ppn. Liq. T in.	Prev. Dir. SSE	3 hr. Tend. -3.0 ↘mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SWH	

0700	1300	1900
Clds. 10/10 SC ALS	Clds. 10/10 SC AS	Clds. 10/10 SC
Wx FOG BR -DZ	Wx OCCL -RA -DZ	Wx MIFG
Vis. 10 mi.	Vis. 20 mi.	Vis. 25 mi.

$T = 40$

$HDD = 25$

ΣHDD 49

ΣPCN_L 4.70"

ΣPCN_S 5.1"

T_{DAY} 41/39

T_{RAMOS} 39/36

T_D 39

WEDNESDAY 18 DECEMBER 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 49 °F	Dir. —	Temp. 68 °F	OBSERVATION TAKEN @ 0800LT CCCC - DZ ALL DAY
Min. 28 °F	Vel. — m.p.h.	Read. 28.77 in.	
Set 33 °F	Char. CALM	Corr. 28.66 in.	
R.H. 85 %	24 hr. Mov. 94 mi.	Sea L. 30.06 in.	
Ppn. Liq. T in.	Prev. Dir. SSW	3 hr. Tend. +0.07 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SNH	

0700	1300	1900
Clds. 10/10 SC	Clds.	Clds. 3/10 CU
Wx RHW	Wx	Wx THE CALM Before...
Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

F 39

HDD 26

ΣHDD 519

ΣPCN_C 4.70"

ΣPCN_S 5.1"

Trans 32/28

Lunc 32/32

TJ 28

THURSDAY 19 DECEMBER 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. —	Temp. 70 °F	-SW Began 2230CT Thru OBS. -SN Ended ~ 0030LT, Again 0130LT		
Min. 29 °F	Vel. — WNW m.p.h.	Read. 28.68 in.			
Set 29 °F	Char. Calm	Corr. 28.56 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. 20 mi.	Sea L. 29.97 in.	Clds. NS X	Clds. NS X	Clds. 10/10 NS
Ppn. Liq. 0.11 in.	Prev. Dir. SW	3 hr. Tend. -0.5 mb	Wx -SN	Wx -SN	Wx Few Flurries
Ppn. Sol. 1.8 in.	Snow Depth 2 in.	Observer SNH	Vis. 3 mi.	Vis. 2 mi.	Vis. 10 mi.

$\bar{T} = 35$

HDD 30

ΣHDD 549

ΣPCN_L 4.91"

ΣPCN_S 6.9"

T_{mmo} 27/23

T_{unu} 28/28

T_d 23

FRIDAY 20 DECEMBER 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. W	Temp. 68 °F	0700CT - 1700CT -SN 1700CT - 0440CT 0006 -SNSN 1300CT GAUGE EMPTIED 0.08" LIQ 1700 CT GAUGE EMP. 0.02 LIQ 0.3 SOL		
Min. 11 °F	Vel. 19 m.p.h.	Read. 28.92 in.			
Set 11 °F	Char. STEADY	Corr. 28.81 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. 140 mi.	Sea L. 30.29 in.	Clds. CU SC 3/10	Clds. Cu SC 6/10	Clds. CLR
Ppn. Liq. 0.10 in.	Prev. Dir. W	3 hr. Tend. +2.5 mb	Wx WINDY BLOWING SNOW	Wx Brrrrr!	Wx Bracing!
Ppn. Sol. 1.7 in.	Snow Depth 2 in.	Observer SNH	Vis. 25 mi.	Vis. 20 mi.	Vis. 20 mi.

F 22 Tramos 9/0 Td 3

HDD 43 Tuno 13/3

ΣHDD 592

ΣPCN_L 4.91"

ΣPCN_S 8.6"

SATURDAY 21 DECEMBER 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 19 °F	Dir. —	Temp. 68 °F	0800-1000, 1100-1215, 1330-1600 LT -SHSN, OCCL BLSN		
Min. 4 °F	Vel. 0 m.p.h.	Read. 29.28 in.			
Set 5 °F	Char. CALM	Corr. 29.16 in.			
			0700	1300	1900
R.H. 83 %	24 hr. Mov. 109 mi.	Sea L. 30.69 in.	Clds. ~~CLR~~ VARIABLE CU	Clds.	Clds. 7/10 -Ci
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. +1.0 mb	Wx Brutal!	Wx	Wx Wonderful (for) winter
Ppn. Sol. T in.	Snow Depth 2 in.	Observer WJS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$F = 12$

$H_{DD} = 53$

$\Sigma I_{DD} = 645$

$\Sigma P_{CN_L} = 4.91''$

$\Sigma P_{CN_S} = 8.6''$

$T_{RMOS} = 5/0$

$T_{UNV} = 9/5$

$T_d = 1$

Sunday 22 December 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 26 °F	Dir. –	Temp. 68 °F	OVERNIGHT LOW 20F		
Min. 5 * °F	Vel. 0 m.p.h.	Read. 29.16 in.			
Set 23 °F	Char. CALM	Corr. 29.05 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. 50 mi.	Sea L. 30.50 in.	Clds. 7/10 ST	Clds.	Clds. 10/10 SC
Ppn. Liq. 0 in.	Prev. Dir. SSW	3 hr. Tend. 11.0^ mb	Wx CALM	Wx	Wx CALM HAZE
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer SNH	Vis. 25~ mi.	Vis. mi.	Vis. 20 mi.

F 16

Tramos 20/11

Tuno 21/17

Td ~15

HOO 49

ΣHOO 694

ΣPCN_c 4.91"

ΣPCN_s 8.6"

MONDAY 23 December 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. –	Temp. 68 °F	*OVERNIGHT LOW 30		
Min. * 23 °F	Vel. 0 m.p.h.	Read. 29.04 in.			
Set 31 °F	Char. CALM	Corr. 28.93 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. 8 mi.	Sea L. 30.35 in.	Clds. ST 10/10	Clds. ST CU 10/10	Clds. ST 10/10
Ppn. 0 Liq. in.	Prev. Dir. SSW	3 hr. Tend. +0.8 – mb	Wx – FOG MORN CALM	Wx BINOVC	Wx BINOVC
Ppn. 0 Sol. in.	Snow Depth T in.	Observer SNH	Vis. 10 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$ 28 T_{max} 28/20 T_d 24

HDD 37 T_{min} 31/24

ΣHDD 731

ΣPCW_L 4.91"

ΣPCW_S 8.6

Tuesday 24 December 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 46 °F	Dir. W	Temp. 64 °F	* overnight Low 40 ~0330 → 085 -RA occl RA		
Min. 31* °F	Vel. 10 m.p.h.	Read. 28.64 in.			
Set 42 °F	Char. STEADY	Corr. 28.53 in.			
R.H. 90 %	24 hr. Mov. 29 mi.	Sea L. 29.90 in.	0700 Clds. 10/10 NS	1300 Clds.	1900 Clds. 10/10 Sc
Ppn. Liq. 0.12 in.	Prev. Dir. SSW	3 hr. Tend. -1.5 ~ mb	Wx Mild -RA	Wx	Wx Windy Temp Falls
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SWH	Vis. 10 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 39$

T_{ramos} 42/36 $\bar{T}_D$ 38

HDD 26

T_{UMU} 40/40

ΣHDD 757

ΣPCN_L 5.03"

ΣPCN_S 8.6"

25 DECEMBER 1996 (WEDNESDAY)

Meteorological Observatory
University Park, PA
0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. W	Temp. 68 °F	0700-1600LT -RA OCCL RA		
Min. 21 °F	Vel. 18 m.p.h.	Read. 29.00 in.	1557 MAX GUST 29MPH		
Set 21 °F	Char. GUSTY	Corr. 28.89 in.	1625 GAUGE EMPTIED 0.16		
			1900LT -SN → OB FREQ -SNSH		
			0000LT RAB 5140A & CEASED.		
R.H. 60 %	24 hr. Mov. 203 mi.	Sea L. 30.34 in.	0700	1300	1900
Ppn. Liq. 0.16 in.	Prev. Dir. WSW	3 hr. Tend. +2.5/ mb	Clds. SC 10/10 BINOVC	Clds.	Clds. AS 3/10 SC
Ppn. Sol. T in.	Snow Depth T in.	Observer SNH	Wx -SHSN WINDY	Wx	Wx BRISK
			Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ 35

HDD 30

ΣHDD 787

ΣP_{CN_4} 5.19"

ΣP_{CN_5} 8.6"

Trans 19/7

Tunn 27/15

Td 9

GEN. OBS.

OOOOLT RED SLEIGH AND 8 REINDEER ON ROOFTOPS

THURSDAY 26 DECEMBER 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 28 °F	Dir. SSW	Temp. 68 °F	-SHSN 0800-1000 LT 1130-1220 LT 1330-1405 LT		
Min. 21 °F	Vel. 5 m.p.h.	Read. 29.19 in.			
Set 23 °F	Char. STEADY	Corr. 29.07 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. 123 mi.	Sea L. 30.53 in.	Clds. 10/10 Cs, St	Clds.	Clds. 10/10 ST
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. +.00 — mb	Wx DULL	Wx	Wx CALM
Ppn. Sol. T in.	Snow Depth 0 in.	Observer WJB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{F} = 25$ $T_{Tunnos} = 20/11$ $T_D = 16$

$H_{DD} = 40$ $T_{UNV} = 23/16$ (112)

$\Sigma H_{DD} = 827$

$\Sigma PCN_L = 5.19''$

$\Sigma PCN_S = 8.6''$

FRIDAY 27 DECEMBER 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. —	Temp. 70 °F	*overnight low 30F		
Min. 23 * °F	Vel. 0 m.p.h.	Read. 29.03 in.			
Set 30 °F	Char. CALM	Corr. 28.91 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. 30 mi.	Sea L. 30.33 in.	Clds. 10/10 ST	Clds. Ci 7/10 Cs	Clds. 10/10 Cs
Ppn. Liq. 0 in.	Prev. Dir. S	3 hr. Tend. 41.0 — mb	Wx BINOVC Quiet	Wx CONTRAILS SUNSHINE	Wx HAZE CALM
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SNH	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T}$ 27

HOO 38

ΣHOO 865

ΣPCN_L 5.19"

ΣPCN_S 8.6"

T_{ramos} 27/19

T_{UNV} 30/23

T_O 23

SATURDAY 28 December 1996

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 45 °F	Dir. SW	Temp. 70 °F	~0230 → OBS. -RA		
Min. 29 °F	Vel. 9 m.p.h.	Read. 28.96 in.			
Set 37 °F	Char. STEADY	Corr. 28.84 in.			
R.H. 85 %	24 hr. Mov. 7 mi.	Sea L. 30.25 in.	0700	1300	1900
Ppn. Liq. 0.06 in.	Prev. Dir. SSW	3 hr. Tend. -0.5 mb	Clds. 10/10 NS Wx -RA	Clds. 10/10 SC Wx BKN OVC FOG	Clds. 9/10 SC Wx LIGHT FOG
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SWH	Vis. 5 mi.	Vis. 5 mi.	Vis. 15 mi.

T_{trans} 37/32 T_D 35

T_{UNI} 37/37

T 37

HOD 28

ΣHOD 893

ΣPCN_L 5.25"

ΣPCN_S 8.6"

Sunday 29 December 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. W	Temp. 70 °F	* overnight low 40		
Min. * 37 °F	Vel. 5 m.p.h.	Read. 28.81 in.			
Set 40 °F	Char. steady	Corr. 28.69 in.	0700	1300	1900
R.H. 95 %	24 hr. Mov. 23 mi.	Sea L. 30.07 in.	Clds. ST 10/10 -x	Clds. 10/10 NS	Clds. 9/10 SC
Ppn. T in. Liq.	Prev. Dir. SSW	3 hr. Tend. -0.0 mb	Wx FOG	Wx -RA	Wx Calm
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer SNH	Vis. 2 mi.	Vis. 5 mi.	Vis. 15 mi.

T 93

HOD 22

ΣHOD 915

T_{room} 39/38 T_d 38

t_{cm} 41/41

$EPCW_L$ 5.25"

$EPCW_S$ 8.6"

Monday 30 December 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 53 °F	Dir. W	Temp. 70 °F	0845 - 0930 1000-1400 -SHRW 1715 LT Gauge Emptied 0.30" liq		
Min. 39 °F	Vel. 10 m.p.h.	Read. 29.06 in.			
Set 39 °F	Char. Steady	Corr. 28.94 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. 85 mi.	Sea L. 30.33 in.	Clds. 10/10 Sc	Clds.	Clds. CLR
Ppn. Liq. 0.30 in.	Prev. Dir. WSW	3 hr. Tend. +1.0 / mb	Wx Blowing Breezy	Wx	Wx Seasonable
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SNH	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$ 46

HOD 19

ΣHOD 934

Σ_{PCN} 5.55"

Σ_{PCN_S} 8.6"

Tramos 31/27

T_{UNO} 40/33

T_{DOS} 38

T_D 34

TUESDAY 31 December 1996 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 42 °F	Dir. -	Temp. 72 °F	~0530 — obs. -DZ		
Min. 31 °F	Vel. 0 m.p.h.	Read. 28.86 in.			
Set 34 °F	Char. Calm	Corr. 28.74 in.			
R.H. 90 %	24 hr. Mov. 30 mi.	Sea L. 30.15 in.	0700	1300	1900
Ppn. Liq. 0.01 in.	Prev. Dir. W	3 hr. Tend. -2.0 — mb	Clds. 10/10 NS	Clds. 10/10 SC	Clds. CLR
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer SNH	Wx FOG -DZ	Wx RAW	Wx BLSNR
			Vis. 0.6 mi.	Vis. 5 mi.	Vis. 25 mi.

$\bar{T}$ 37

HDD 28

ΣHDD 962

ΣPCN_L 5.56

ΣPCN_S 8.6

T_{TAMOS} 31/28 T_d 30

T_{UNV} 32/32

MONTHLY STATS	1996 STATS
$\bar{T}_{HIGH}$ = 40.42	$\bar{T}_{HIGH}$ = 57.04
$\bar{T}_{LOW}$ = 27.00	$\bar{T}_{LOW}$ = 39.02 ΣHDD = 6627
$\bar{T}$ 33.71	$\bar{T}$ = 48.03
	ΣPCN_L = 59.30"
	ΣPCN_S = 68.6"