

Thursday, January 1, 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	24 °F	Dir. SW	Temp. 70 °F	FEW FLURRIES AM (31ST) FEW SC NW-W HORIZON		
Min.	5 °F	Vel. 3 m.p.h.	Read. 29.20 in.			
Set	5 °F	Char.	Corr. 29.09 in.			
R.H.	79 %	24 hr. Mov. 136 mi.	Sea L. 30.61 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. +0.35 mb	Clds. 0/10	Clds.	Clds. CLR
Wx	CRISP			Wx	Wx	Wx -BLSN
Ppn.	T in.	Snow Depth 6 in.	Observer FJG	Vis. 25 mi.	Vis.	Vis. 25 mi.

$$\bar{T} = 15$$

$$H_{DD} = 50$$

$$\sum H_{DD} = 50$$

$$\sum PENL = T$$

$$\sum PENL_S = T$$

$$T_{UNV} = 7/0$$

$$T_{RAM} = 6/-8$$

$$T_d = 0$$

FRIDAY 2 JANUARY 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. W	Temp. 71 °F	* OUNT LOW (EVENING) 29 - SHSN - 1030 LT			
Min. 5 °F	Vel. 15 m.p.h.	Read. 29.04 in.				
Set 42 °F	Char. STEADY	Corr. 28.92 in.	0700	1300	1900	
R.H. 47 %	24 hr. Mov. 167 mi.	Sea L. 30.31 in.	Clds. 9/10 SE	Clds.	Clds. 8/10 SE	
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. 41.8 mb	Wx THAW	Wx	Wx MILT MUCKY	
Ppn. Sol. T in.	Snow Depth 5 in.	Observer WJS	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.	

$$\bar{T} = 24$$

$$H_{DD} = 41$$

$$\Sigma H_{DD} = 91$$

$$\Sigma PCN_L = T$$

$$\Sigma PCN_S = T$$

$$T_{DM} = 42/21$$

$$T_{MM} = 40/11$$

$$T_w = 35$$

$$T_h = 23$$

SATURDAY 3 JANUARY 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. WSW	Temp. 68 °F	- SHAW ~ 2100, 0000, 0230 *A RECORD MAX MIN (OLD = 38, 1950) & OUNT LOW 46			
Min. 41* °F	Vel. 8 m.p.h.	Read. 29.02m.	** FEW BARE SPOTS			
Set 50 °F	Char. STEADY	Corr. 28.90 in.	0700	1300	1900	
R.H. 31 %	24 hr. Mov. 139 mi.	Sea L. 30.27 in.	Clds. 9/10 AS	Clds.	Clds. 9/10 AS	
Ppn. Liq. T in.	Prev. Dir. SW	3 hr. Tend. -0.2 mb	Wx VERY WARM!	Wx	Wx VERY WARM!!	
Ppn. Sol. T in.	Snow Depth 2** in.	Observer WJS	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.	

$$\bar{T} = 46$$

$$H_{DD} = 19$$

$$\Sigma H_{DD} = 110$$

$$\Sigma PCN_L = T$$

$$\Sigma PCN_S = T$$

$$T_{UNV} = 45/21$$

$$T_{AM} = 48/10$$

$$T_W = 38.5$$

$$T_D = 20$$

SUNDAY 4 JANUARY 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. NW	Temp. 70 °F	* OVNT LOW 52 -SHRA 0930-0945, ~ 0130 LT			
Min. 48* °F	Vel. 2 m.p.h.	Read. 29.10 in.				
Set 52 °F	Char. VEERING	Corr. 28.98 in.				
R.H. 74 %	24 hr. Mov. 93 mi.	Sea L. 30.32 in.	0700 Clds. 10/10 Sc Ns	1300 Clds. -	1900 Clds. 10/10 Sc	
Ppn. T in.	Liq. -	Prev. Dir. SW	3 hr. Tend. 10.8 mb	Wx -DZ	Wx -	Wx -Hz
Ppn. 0.0 in.	Sol. -	Snow Depth T in.	Observer WJS	Vis. 15 mi.	Vis. mi.	Vis. 10 mi.

$$\bar{T} = 52$$

$$H_{20} = 13$$

$$\sum H_{20} = 123$$

$$\sum PCN_L = T$$

$$\sum PCN_S = T$$

$$T_{UNV} = 50/39$$

$$T_{ARM} = 49/30$$

$$T_W = 48$$

$$T_D = 44$$



MONDAY 5 JANUARY 1998

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. <sup>+</sup> 59 °F	Dir. —		Temp. 70 °F	- Dz obs - 07:30 lt - SURF ~ 22:30 lt * ties record high of 59 set 1997		
Min. 39 °F	Vel. 0 m.p.h.	Read. 24.12 in.				
Set 40 °F	Char. calm	Corr. 24.00 in.				
				0700	1300	1900
R.H. 93 %	24 hr. Mov. 24 mi.	Sea L. 30.40 in.	Clds. Ci Clear for east	Clds. 7/10 - Ci	Clds. 8/10 - As	
Ppn. T	Liq. in.	Prev. Dir. SW	3 hr. Tend. +0.8 mb	Wx Fog in valley east	Wx NICE!	Wx Haze in valley
Ppn. 0.0 in.	Sol. in.	Snow Depth 0 in.	Observer SRK	Vis. 25 mi.	Vis. 25 mi.	Vis. 15 mi.

$$\bar{T} = 49$$

$$H_{00} = 16$$

$$\sum H_{00} = 139$$

$$\sum P_{00} = T$$

$$\sum P_{00} N_{00} = T$$

$$T_{UNV} = 38/32$$

$$T_{RAM} = 41/26$$

$$T_w = 39$$

$$T_D = 38$$

TUESDAY 6 JANUARY 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. SW	Temp. 72 °F	# Overnight low 52 SHRA ~ 01:00 - 04:00 hr		
Min.	38 °F	Vel. 10 m.p.h.	Read. 28.98 in.			
Set	55 °F	Char.	Corr. 28.86 in.	0700	1300	1900
R.H.	87 %	24 hr. Mov. 45 mi.	Sea L. 30.28 in.	Clds. 10/10 Ns	Clds.	Clds. 10/10 Ns
Ppn. Liq.	.29 in.	Prev. Dir. SSW	3 hr. Tend. STEADY mb	Wx -DZ	Wx	Wx BR FG
Ppn. Sol.	0.0 in.	Snow Depth - in.	Observer SRS	Vis. 15 mi.	Vis. mi.	Vis. 1/4 mi.

$$\bar{T} = 48$$

$$n_{72} = 17$$

$$\Sigma H_{72} = 156$$

$$\Sigma PCN_L = 0.29''$$

$$\Sigma PCN_S = T$$

$$T_{JUN} = 52/45$$

$$T_{AUG} = 51/36$$

$$T_W = 53$$

$$T_D = 51$$

WEDNESDAY 7 JANUARY 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. —	Temp. 73 °F	*SET RECORD MAX-MIN (LOW = 51, 1957) 22 MOST OF TIME 055-085			
Min. 52* °F	Vel. — m.p.h.	Read. 28.81 in.				
Set 55 °F	Char. calm	Corr. 28.68 in.				
R.H. 75 %	24 hr. Mov. 13.7 mi.	Sea L. 30.11 in.	Clds. 10/10 Ns	Clds. 10/10 St	Clds. 19/10 Sc	
Ppn. 0.08 in.	Liq. —	Prev. Dir. SW	3 hr. Tend. -0.2 mb	Wx muggy	Wx -FG	Wx -RA BR
Ppn. —	Sol. — in.	Snow Depth — in.	Observer SRS	Vis. 2 mi.	Vis. 3 mi.	Vis. 10 mi.

$$\bar{T} = 56$$

$$H_{00} = 9$$

$$\sum H_{00} = 165$$

$$\sum PCN_i = 0.37$$

$$\sum PCN_i = T$$

$$T_{UNV} = 52/47$$

$$T_{RANCS} = 53/38$$

$$T_w = 53$$

$$T_D = 49$$

THURSDAY 8 January 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. †	Dir.	Temp.	* Record High (old = 64, 1937) ** Record MAX MIN TIED (ties 53 in 1907) RA B 1415 E 0640 LT ≈ - OVERNIGHT LOW 59°			
65 °F	SSW	75 °F				
Min. **	Vel.	Read.	0700      1300      1900			
53 °F	5 m.p.h.	28.35 in.				
Set	Char.	Corr.	Clds. 10/10 STRATUS			
64 °F		28.22 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
94 %	92.6 mi.	29.65 in.	10/10		10/10 STRATUS	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
85 in.	S	STEADY mb	MUGGY			
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
— in.	— in.	TJO	15 mi.	mi.	15 mi.	

$$\bar{T} = 59$$

$$HDD = 6$$

$$\Sigma HDD = 171$$

$$EPCW_L = 1.22$$

$$EPCW_S = T$$

$$T_{inv} = 64/58$$

$$T_{ramos} = 62/45$$

$$T_w = 64/35$$

$$T_D = 63$$



Friday 9 January 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 *°F	Dir. SW	Temp. 74° °F	* Record max (60 - 1937)			
Min. 54 **°F	Vel. 20 m.p.h.	Read. 28.37 in.	** Record Max-Min (46 - 1937)			
Set 54 °F	Char. STEADY	Corr. 28.24 in.	+TSPA 1500 ~ 1520 LT TSEA 0620 - 0625 LT			
R.H. 90 %	24 hr. Mov. 96 mi.	Sea L. 29.96 in.	0700	1300	1900	
Ppn. .86 in.	Prev. Dir. SSW	3 hr. Tend. +0.2 mb	Clds. 9/10 STETOCUM	Clds. 10/10 As Sc BKN OVC	Clds. 8/10 Sc As Cu	
Ppn. — in.	Snow Depth — in.	Observer TDO	Wx - RA LTG ALL QUA	Wx Cooling Down	Wx not bad	
			Vis. 17 mi.	Vis. 25+ mi.	Vis. 25 mi.	

$$\bar{T} = 60$$

$$HDD = 5$$

$$\Sigma HDD = 176$$

$$\Sigma PCN_c = 2.08$$

$$\Sigma PCN_s = T$$

$$T_{uv} = 54/46$$

$$T_{ramos} = 52/35$$

$$T_w = 52.5$$

$$T_D = 51$$

Saturday 10 January 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. WNW	Temp. 70 °F	-SHRA OBS - 7 <sup>15</sup> LT 9 <sup>15</sup> - 10 <sup>00</sup> LT 15 <sup>40</sup> - 16 <sup>20</sup> LT			
Min. 35 °F	Vel. 17 m.p.h.	Read. 28.86 in.				
Set. 36 °F	Char. moderate	Corr. 28.74 in.				
R.H. 72%	24 hr. Mov. 180 mi.	Sea L. 30.18 in.	0700 Clds. 9/10 Cu Sc	1300 Clds.	1900 Clds. 2/10 Cu	
Ppn. Liq. 0.01 in.	Prev. Dir. SW	3 hr. Tend. / +1 mb	Wx ho-hum	Wx	Wx chilly	
Ppn. Sol. — in.	Snow Depth — in.	Observer MSK	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

T 45

Tramos 34/13

TW 33

HDD 20

Tonu 36/23

Td 28

$\Sigma$  HDD 196

$\Sigma$  PCNL 2.09

$\Sigma$  PCNs T

Sunday January 11 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	41 °F	Dir.	SW	Temp.	71 °F			
Min.	33 °F	Vel.	8 m.p.h.	Read.	28.70 in.			
Set	34 °F	Char.	steady	Corr.	28.58 in.	0700	1300	1900
R.H.	64 %	24 hr. Mov.	149 mi.	Sea L.	30.11 in.	Clds.	Ac 8/10 Sc Cu	Clds. 2/10 Cs As
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	- steady mb	Wx	None	Wx BRISK
Ppn.	/ in.	Snow Depth	- in.	Observer	MSK	Vis.	20 mi.	Vis. mi. 25 mi.

$\bar{T}$  37

Tramos 31/8

$T_w$  30

HDD 28

TUNV 32/18

$T_d$  23

$\Sigma$  HDD **224**

$\Sigma$  PENL 2.09

$\Sigma$  PCNS T

MONDAY 12 JANUARY 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp.						
42 °F	-	71 °F						
Min.	Vel.	Read.						
22 °F	- m.p.h.	29.12 in.						
Set	Char.	Corr.						
24 °F	calm	29.00 in.				0700	1300	1900
R.H.	24 hr. Mov.	Sea L.		Clds.		Clds.		Clds.
58 %	72.7 mi.	30.57 in.		8/10 As		10/10 As		12/10 St
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx		Wx		Wx
0 in.	WSW		5.5 mb	chilly		chilly		chilly
Ppn.	Sol.	Snow Depth	Observer	Vis.		Vis.		Vis.
- in.	- in.		SRS	20 mi.		25 mi.		20 mi.

T 32

HDD 33

EHDD 257

EPCN 2.09

EPCN<sub>s</sub> T

TRAMOS 22/11

TUNV 22/11

T<sub>w</sub>

T<sub>d</sub>\* 11

\* based on UNV T<sub>d</sub>



TUESDAY 13 JANUARY 1998

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind		Barom.		General Obs.		
Max.	38 °F	Dir.	SSE	Temp.	70 °F	-PE 1500-1545 LT		
Min.	24 °F	Vel.	12 m.p.h.	Read.	28.89 in.	-SHA2A 0400-0415 LT		
Set	38 °F	Char.	STEADY	Corr.	28.78 in.	-SHA2A 0650-085		
						*OUNT LOW 32		
						0700	1300	1900
R.H.	96 %	24 hr. Mov.	57 mi.	Sea L.	29.18 in.	Clds.	Clds.	Clds.
						9/10 st	9/10 SC	5/10 SC
Ppn.	T in.	Prev. Dir.	S	3 hr. Tend.	3 mb	Wx - RA	Wx chilling down	Wx brisk.
Ppn.	T in.	Snow Depth	- in.	Observer	TJO	Vis.	Vis.	Vis.
						15 mi.	25 mi.	25 mi.

$$\bar{T} = 31$$

$$HDD = 34$$

$$\Sigma HDD = 291$$

$$\Sigma PCNL = 2.09$$

$$\Sigma PCNs = T$$

$$T_{\text{amos}} = 36/17 \quad T_w = 37$$

$$T_{\text{unv}} = 37/32 \quad T_d = 36$$

Wednesday January 14 1998 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	41 °F	Dir.	NNW	Temp.	71 °F	- RA OBS - 1135 LT FROPA 915 LT - SN 1135 - 1230 LT		
Min.	18 °F	Vel.	2 m.p.h.	Read.	29.24 in.			
Set	18 °F	Char.	light.	Corr.	29.12 in.			
R.H.	59 %	24 hr. Mov.	126 mi.	Sea L.	30.54 in.	0700	1300	1900
						Clds.	Clds.	Clds.
						1/10 Ci	3/10 Ac	0/10
Ppn.	0.07 in.	Prev. Dir.	NW	3 hr. Tend.	+1 mb	Wx	Wx	Wx
						pristine	chilly	SLIGHT HAZE
Ppn.	7 in.	Snow Depth	- in.	Observer	MSK	Vis.	Vis.	Vis.
						25 mi.	25 mi.	17 mi.

$\bar{T}$  30

HDD 35

$\Sigma$  HDD 328

$\Sigma$  PCNs 2.16

$\Sigma$  PCNs T

T Ramos 15/0

T unv 18/6

\* Td 6

\* Based on UNVobs

THURSDAY 15 January 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	31 °F	Dir. SSE	Temp. 71 °F	-FZRA ≈ 610 LT *OUNT Low 23		
Min.	17 °F	Vel. 5 m.p.h.	Read. 28.93 in.			
Set	26 °F	Char. light	Corr. 28.88 in.			
R.H.	53 %	24 hr. Mov. 30 mi.	Sea L. 29.26 in.	0700 Clds. 10/10 STCU, 5t	1300 Clds. 10/10 ST	1900 Clds. 10/10 ST
Ppn.	Liq. T in.	Prev. Dir. SE	3 hr. Tend. 1.5 mb	Wx THIN SPOTS	Wx Raw	Wx -FZRA
Ppn.	Sol. T in.	Snow Depth - in.	Observer TJO	Vis. 15 mi.	Vis. 6.3 mi.	Vis. 3.5 mi.

$$\bar{T} = 24$$

$$HDD = 41$$

$$\Sigma HDD = 367$$

$$\Sigma PCN_L = 2.16$$

$$\Sigma PCN_S = T$$

$$T_{\text{trans}} = 24/0 \quad T_w = -$$

$$T_{\text{UNV}} = 27/12 \quad T_d = 12 \text{ } \leftarrow \text{UNV}$$

FRIDAY 16 JANUARY 1928  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. N		Temp. 70 °F	-F2D2B 1415LT - 1730LT		
Min. 26 °F	Vel. 2 m.p.h.		Read. 28.57 in.	-F2RA 1730LT ~ 2300LT -F2D2 ~ 2300 - 0215LT *OVERNIGHT LOW 29		
Set 34 °F	Char. LIGHT		Corr. 28.46 in.	0700	1300	1900
R.H. 98 %	24 hr. Mov. M mi.		Sea L. 29.86 in.	Clds. 10/10 ST	Clds. 10/40 ST	Clds. 10/10 ST
Ppn. Liq. 0.25 in.	Prev. Dir. NE		3 hr. Tend. - mb	Wx FG NORTH	Wx FG, DZ	Wx -IP
Ppn. Sol. - in.	Snow Depth - in.		Observer TJO	Vis. 6.3 mi. LOWER N	Vis. 1.6 mi.	Vis. ~ 5 mi.

$\bar{T} = 30$   
HDD = 35  
 $\Sigma \text{HDD} = 402$   
 $\Sigma \text{PCW}_L = 2.41$   
 $\Sigma \text{PCW}_s = T$

Tramos M  
Tuvv 33/27

$T_w = 33$   
 $T_d = 32$



Saturday 17 January 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 36 °F	Dir. -	Temp. 76 °F				-DZ ~1210 - 1500 LT -IP ~1300 - 1850 LT		
Min. 30 °F	Vel. 0 m.p.h.	Read. 28.57 in.				-DZ ~1850 - 2000 LT FRT - SN 2000 - 0600 LT		
Set 31 °F	Char. calm	Corr. 28.44 in.				0700	1300	1900
R.H. 73 %	24 hr. Mov. 20 mi.	Sea L. 29.83 in.		Clds. st 10/10		Clds.		Clds. <del>sc</del> 10/10
Ppn. Liq. 0.07 in.	Prev. Dir. NNW	3 hr. Tend. +0.3 mb		Wx Drury FG		Wx		Wx -SNSH
Ppn. Sol. T in.	Snow Depth T in.	Observer AJD		Vis. ~3 mi.		Vis. mi.		Vis. ~3 mi.

T 33

HDD 32

$\Sigma$  HDD 434

$\Sigma$  PCN<sub>L</sub> 2.48

$\Sigma$  PCN<sub>S</sub> T

T<sub>RAMOS</sub> 29/13

T<sub>UNV</sub> 31/23

T<sub>w</sub> 25

T<sub>D</sub> 23

Sunday 18 January 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F	Dir. —	Temp. 70 °F	-SN SH 1450 - 1500 LT			
Min. 28 °F	Vel. — m.p.h.	Read. 28.96 in.	-SN SH 1840 - <del>2100</del> 2100 LT			
Set 31 °F	Char. calm	Corr. 28.84 in.	-SN 2100 - 0500 LT			
			0700	1300	1900	
R.H. 78 %	24 hr. Mov. 7 mi.	Sea L. 30.26 in.	Clds. 10/10 ST	Clds.	Clds. 10/10 ST	
Ppn. Liq. 0.18 in.	Prev. Dir. WSW	3 hr. Tend. / +1 mb	Wx -SN	Wx	Wx COW few flakes	
Ppn. Sol. 1.3 in.	Snow Depth 1 in.	Observer MSK	Vis. 5 mi.	Vis. mi.	Vis. ~7 mi.	

$\bar{T}$  31

HDD 34

$\Sigma$  HDD 468

$\Sigma$  PCNL 2.66

$\Sigma$  PCNS 1.3

Tramos 27/19

Tuvos 31/23

Tu 28

Td 25

MONDAY 19 JANUARY 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.			Dir.	Temp.	* UNDER 1" IN EXPOSED AREAS FREQ - SWSN FROM OBS - OBS		
35 °F		-	69 °F				
Min.			Read.				
27 °F		-	m.p.h.	28.88 in.			
Set			Char.	Corr.	0700	1300	1900
28 °F			calm	28.76 in.			
R.H.			24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.
78 %			36 mi.	30.16 in.	10/10 Sc	10/10 St (Bright spots)	10/10 cu ST
Ppn.	Liq.		Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
.02 in.			SW	- STEAM mb	-SN	--SN Pcpn: very light	-56
Ppn.	Sol.		Snow Depth	Observer	Vis.	Vis.	Vis.
.2 in.			1 in.	SRS	8 mi.	>6.3 mi.	6.3 mi.

$\bar{T}$  31  
 $H_{00}$  34  
 $\Sigma H_{00}$  502  
 $\Sigma PCN_L$  2.68  
 $\Sigma PCN_S$  1.60

$\uparrow$  frames: 27/10  
 $\uparrow$  UNV : 28/22

$T_W$   
 $\uparrow_D = 22^*$

\* based on UNV

TUESDAY 20 January 1998

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind		Barom.		General Obs.		
Max.	32 °F	Dir.	W	Temp.	72 °F	-SN OBS - 1100 LT		
Min.	26 °F	Vel.	5 m.p.h.	Read.	28.85 in.	-SN 1200-1300 LT		
Set	28 °F	Char.	STEADY	Corr.	28.73 in.	FREQUENT -SN -SG 1900-0800		
R.H.	63 %	24 hr. Mov.	21 mi.	Sea L.	29.16 in.	0700	1300	1900
Ppn.	0.02 in.	Prev. Dir.	W	3 hr. Tend.	1.5 mb	Clds. 10% ST CU	Clds. 10/10 Sc CU B.I. NOVC	Clds. Sc 10% CU
Ppn.	0.3 in.	Snow Depth	T in.	Observer	TJO	Wx -SG	Wx -SN Pcpn. Lgt SHSN East	Wx nice <del>etc</del>
						Vis. 6.3 mi.	Vis. 2.5 mi.	Vis. 20 mi.

T 29  
HDD 36  
 $\Sigma$  HDD 538  
 $\Sigma$  PCWL 2.70"  
 $\Sigma$  PCWS 1.8"

Tramos 25/4  
TUNV 27/18

Tw  
Td 18\*

\* From UNV



Wednesday 21 January 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	32 °F	Dir.	-	Temp.	-SN OBS - 1230 LT SCT SN5H 1230 - 1530 LT		
				72 °F			
Min.	18 °F	Vel.	-	Read.			
			m.p.h.	29.00 in.			
Set	20 °F	Char.	calm	Corr.	0700	1300	1900
				28.87 in.			
R.H.	80 %	24 hr. Mov.	70 mi.	Sea L.	Clds. Cu 3/10 contrails	Clds. 10/10 (S thin)	Clds. 10/10 AS
				30.31 in.			
Ppn.	Liq. T in.	Prev. Dir.	W	3 hr. Tend.	Wx beautiful sunrise chilly	Wx chilly	Wx brisk
				+1 mb			
Ppn.	Sol. T in.	Snow Depth	T in.	Observer	Vis.	Vis.	Vis.
				MSK	25 mi.	25 mi.	25 mi.

$\bar{T}$  25  
HDD 40  
 $\Sigma$  HDD 578  
 $\Sigma$  PCNL 2.70"  
 $\Sigma$  PCNS 1.8"

Tramos 18/1  
TUNV. 19/12

\*Td 12  
Fw -

\* BASED ON UNV OBS

THURSDAY 22 January 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	30 °F	Dir.	NE	Temp.	71 °F			
Min.	17 °F	Vel.	2 m.p.h.	Read.	29.0 in.	* overnight low 24		
Set	24 °F	Char.	LIGHT	Corr.	28.99 in.			0700
R.H.	74 %	24 hr. Mov.	S mi.	Sea L.	30.43 in.	Clds. 5/10	Clds. 3/10	Clds. 10/10
Ppn.	0 in.	Prev. Dir.	NE	3 hr. Tend.	-1 mb	Wx cloud shield west	Wx cloud shield Northwest	Wx Beery
Ppn.	0 in.	Snow Depth	T in.	Observer	TJO	Vis.	25 mi.	25 mi.
						Vis.	17 mi.	

\* From UNLV

3 PCs 1.8"  
3 PCs 2.70"  
3 HAD 6.19

T 24  
HAD 41

T Ramos 22/5  
T UNLV 23/16

T 10 -  
T D 16\*

FRIDAY 23 January 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F	Dir. E	Temp. 70 °F	- SHSN 0840 - 1015 LT			
Min. 24 °F	Vel. 5 m.p.h.	Read. 28.94 in.	- SN 2300 - 0315 LT			
Set 31 °F	Char. GUSTY	Corr. 28.83 in.	- SN 0315 - 0630 LT - SN 0630 - 0645 LT - SUPE 0645 - 0655 LT # Overnight Low 30			
R.H. 75 %	24 hr. Mov. 60 mi.	Sea L. 30.26 in.	0700 Clds. 10/10 ST	1300 Clds. 10/10 NS	1900 Clds. 10/10 NS	
Ppn. Liq. 0.45 in.	Prev. Dir. ESE	3 hr. Tend. 7-1 mb	Wx -SUPE	Wx -RA	Wx -DZ	
Ppn. Sol. 5.2 in.	Snow Depth 5 in.	Observer TJO	Vis. 1.6 mi.	Vis. 6.5 mi.	Vis. 12 mi.	

T 30

HDD 35

$\Sigma$  HDD 654

$\Sigma$  PCNL 3.15"

$\Sigma$  PCNs 7.0"

Tramos 30/14

TUNV 32/25

TW -

Td 25 \*

\* FROM UNV

Saturday 24 January 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 38 °F	Dir. SE	Temp. 70 °F	-PE OBS - 0710 LT -PEFZRA 0710-0745 LT			
Min. 31 * °F	Vel. 8 m.p.h.	Read. 28.94 in.	-RAPE 0745-0830 LT -RA 0830-0900 LT -RAPE 0900-0930 LT -RR, occ RA 0930-2100LT * DVM Low 34			
Set 35 °F	Char. steady	Corr. 28.83 in.	0700	1300	1900	
R.H. 96 %	24 hr. Mov. 12 mi.	Sea L. 30.22 in.	Clds. 10/10 ST	Clds.	Clds. ST 10/10	
Ppn. Liq. 0.48 in.	Prev. Dir. SSW	3 hr. Tend. +0.3 mb	Wx Gloomy	Wx	Wx overcast	
Ppn. Sol. T in.	Snow Depth 2 in.	Observer AJD	Vis. ~8 mi.	Vis. mi.	Vis. ~15 mi.	

$\bar{T}$  35

$T_{UNV}$  36/29

$T_w$  38

$H_{DD}$  30

$T_{RAMS}$  33/17

$T_a$  37

$\Sigma H_{DD}$  684

$\Sigma PCN_L$  3.63

$\Sigma PCN_S$  7.0



Sunday January 25 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. NW	Temp. 72 °F	-SN 1940 - 1955 LT -SNSH 0620 - OBS		
Min.	26 °F	Vel. 7 m.p.h.	Read. 28.6/in.			
Set	27 °F	Char. STEADY	Corr. 28.49 in.	* BASED ON UNV. OBS		
R.H.	63 %	24 hr. Mov. 109 mi.	Sea L. 29.92 in.	0700 Clgs. ST. 10/10	1300 Clgs.	1900 Clgs. SC 10
Ppn.	T in.	Prev. Dir. W	3 hr. Tend. +1.5 mb	Wx -SNSH	Wx	Wx Clear and cold
Ppn.	T in.	Snow Depth 1 in.	Observer MSK	Vis. ~3 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$  31

HDD 34

$\Sigma$  HDD 718

$\Sigma$  PCNL 3.63

$\Sigma$  PCNs 7.0

TUNV 27/16

Tramos 25/14

TW -  
\*Td 16

\* BASED ON UNV OBS

MONDAY 26 JANUARY 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	-SNSH OBS-1320			
30 °F	-	72 °F				
Min.	Vel.	Read.	# BASED ON UNV CBS			
26 °F	- m.p.h.	29.10 in.				
Set	Char.	Corr.	0700	1300	1900	
29 °F	calm	28.98 in.				
R.H. #	24 hr. Mov.	Sea L.	Clds. 10/10 SE	Clds. <i>Contrails</i> 2/10 Ci	Clds. 0/10	
66 %	86 mi.	30.55 in.				
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx COLD AND TRANQUIL	Wx pleasant	Wx clear	
T in.	W	/+1 mb				
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
T in.	1 in.	SRS	20 mi.	25 mi.	17 mi.	

$\bar{T}$  28

H<sub>DD</sub> 37

$\Sigma H_{DD}$  755

$\Sigma PCN_L$  3.63

$\Sigma PCN_S$  7.0

T<sub>UNV</sub> 29/19

T<sub>RAMOS</sub> 27/7

T<sub>w</sub> -  
\*T<sub>d</sub> 19

\*Based on UNV obs

TUESDAY 27 January 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. E	Temp. 70 °F			
Min.	28 °F	Vel. 7 m.p.h.	Read. 29.14 in.			
Set	31 °F	Char. STEADY	Corr. 29.03 in.	* OVERNIGHT LOW 30°		
				0700	1300	1900
R.H.	85 %	24 hr. Mov. 35 mi.	Sea L. 30.47 in.	Clds. 8/10 AC CICS	Clds. 10/10 AS	Clds. 5/10 ST 10/10 AS
Ppn.	- in.	Prev. Dir. SE	3 hr. Tend. -1 mb	Wx	Wx Raw	Wx SNSH
Ppn.	- in.	Snow Depth T in.	Observer TJO	Vis. 25 mi.	Vis. 25 mi.	Vis. ~3 mi.

$\bar{T}$  34

HDD 31

$\Sigma$  HDD 786

$\Sigma$  PCNL 3.63

$\Sigma$  PCNS 7.0

TUNV 32/18

Tramos 30/7

Tw 27

Td 18

WEDNESDAY JANUARY 28, 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F	Dir. -		Temp. 70 °F	-SN 4700 - 0650 LT		
Min. 30 °F	Vel. calm m.p.h.		Read. 28.46 in.			
Set 30 °F	Char. calm		Corr. 28.34 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. M mi.		Sea L. 29.77 in.	Clds. 10/10 st.	Clds. 10/10 st	Clds. 8/10 st cu
Ppn. 0.19 in.	Liq.	Prev. Dir. E	3 hr. Tend. -1 mb	Wx calm	Wx damp	Wx CALM
Ppn. 1.3 in.	Sol.	Snow Depth 1 in.	Observer MSK	Vis. ~10 mi.	Vis. ~8 mi.	Vis. 6.3 mi.

$\bar{T}$  33

HDD 32

$\Sigma$  HDD 818

$\Sigma$  PCNL 3.82

$\Sigma$  PCNs 8.3

TUNV 31/24

TRAMOS 31/15

TW -

\* TD 24

\* BASED ON UNV. OBS



THURSDAY 29 January 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	36 °F	Dir. SSW	Temp. 70 °F	-SN 0720-0830 LT		
Min.	26 °F	Vel. 3 m.p.h.	Read. 28.72 in.	-SN PE 0830-0915 LT		
Set	29 °F	Char. light	Corr. 28.61 in.	-PE 0915 ~ 1000 LT		
R.H.	100 %	24 hr. Mov. 23 mi.	Sea L. 30.04 in.	0700 Clds. 2/10 STW cl.	1300 Clds. 3/10 AC	1900 Clds. 10/10 ST
Ppn. Liq.	0.03 in.	Prev. Dir. W	3 hr. Tend. +1 mb	Wx FG in valley	Wx Is this January?	Wx -RA
Ppn. Sol.	0.3 in.	Snow Depth 2 in.	Observer TJO	Vis. 6.3 mi.	Vis. 20 mi.	Vis. 10 mi.

$\bar{T}$  31

Traumas 29/13

Tw 29

HDD 34

TUNV 30/25

T<sub>D</sub> 29

$\Sigma$  HDD 852

$\Sigma$  PCN<sub>L</sub> 3.85

$\Sigma$  PCN<sub>S</sub> 8.6

FRIDAY 30 January 1998

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. SW	Temp. 70 °F	RA 1730-1800 LT Occ - RA 1800-2245 LT - SHSN ~ 0600 LT - SHSN at obs * WINDIGHT LOW 34			
Min. 27 °F	Vel. 15 <sup>620</sup> m.p.h.	Read. 28.60 in.				
Set 34 °F	Char. GUSTY	Corr. 28.49 in.	0700	1300	1900	
R.H. 73 %	24 hr. Mov. 87 mi.	Sea L. 29.88 in.	Clds. <sup>20/10</sup> NS	Clds. <sup>10/10</sup> ST	Clds. <sup>10/10</sup> ST	
Ppn. Liq. 0.04 in.	Prev. Dir. WSW	3 hr. Tend. +1 mb	Wx -SHSN	Wx Return to winter	Wx Chilly	
Ppn. Sol. T in.	Snow Depth T in.	Observer TJO	Vis. 6.3 mi.	Vis. ~20 mi.	Vis. ~20 mi.	

$\bar{T}$  38

Tramos 32/13

$T_w$  31

HDD 27

TUNU 34/27

$T_d$  26

$\Sigma$  HDD 879

$\Sigma$  PCW<sub>L</sub> 3.89

$\Sigma$  PCW<sub>S</sub> 8.6

Saturday 31 January 1998  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 38 °F	Dir. SE	Temp. 70 °F		-SHSN 025-930LT -SHSN36 930-1400LT -SHSN 1620-1700LT		
Min. 30 °F	Vel. 18 m.p.h.	Read. 28.60 in.		* Derived from UNV obs		
Set 30 °F	Char. steady	Corr. 28.48 in.		0700	1300	1900
R.H. * 61 %	24 hr. Mov. 153 mi.	Sea L. 29.88 in.	Clds. 14% st	Clds.	Clds. 0/10	
Ppn. Liq. T in.	Prev. Dir. WNW	3 hr. Tend. +2 / mb	Wx brisk	Wx	Wx CLEAR	
Ppn. Sol. T in.	Snow Depth T in.	Observer AJD	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T}$  34

$H_{20}$  31

$\Sigma H_{20}$  910

$\Sigma PCN_L$  3.89

$\Sigma PCN_S$  8.6

$T_{RAMOS}$  37/6

$T_{UNV}$  30/15

$T_W$  M

$T_d$  18\*

$\bar{T}_{JAN} = 35.44$

$\bar{T}_{MAY} = 41.71$

$\bar{T}_{MIN} = 29.16$