

Monday 1 March 1999

0700 EST

Meteorological  
University Park, PA

General Obs.

Temp.	Wind	Barom.	-RA/DZ -DZ -SN			OBS - 1300 LT ~ 1730 - 1915 LT ~ 0400 - 0615 LT		
Max. 40 °F	Dir. WSW	Temp. 74 °F	* Derived from PAVIS					
Min. 33 °F	Vel. 8 m.p.h.	Read. 28.36 in.	0700			1300		1900
Set 34 °F	Char. steady	Corr. 28.23 in.	Clds. 8/10	Ci As Sc	Clds. 10/10	NS	Clds. 10/10	NS
R.H. 89%*	24 hr. Mov. M mi.	Sea L. 30.03 in.	Wx many BNOVC			Wx - SN		Wx - SN
Ppn. 0.15 in.	Liq. Prev. Dir. M	3 hr. Tend. -0.3 mb	Vis. 20 mi.			Vis. 4 mi.		Vis. 3 mi.
Ppn. T in.	Sol. Snow Depth T in.	Observer AJP						

$H_{DD}$  25  
 $C_{DD}$  0  
 $\epsilon H_{DD}$  25  
 $\Sigma C_{TD}$  0  
 $\epsilon PCN_L$  0.15  
 $\epsilon PCN_S$  T

$T_{DAVIS}$  34/30  
 $T_{UNV}$  34/27

$T_W$  -  
 $T_a$  30\*

$PCN_{TB}$  0.12  
 $\Sigma PCN_{TB}$  0.12

TUESDAY 2 MARCH 1999

0700 EST

Meteorological Observatory,  
University Park, PA

General Obs.

Temp.		Wind	Barom.	Occl - SN 0730 - 0030 LT		
Max.	36 °F	Dir. W	Temp. 74 °F			
Min.	29 °F	Vel. 20 m.p.h.	Read. 28.60 in.			
Set	30 °F	Char. GUSTY	Corr. 28.47 in.	* DERIVED FROM DAVIS		
R.H.	60 %	24 hr. Mov. M mi.	Sea L. 29.88 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir. M	3 hr. Tend. / + 1 mb	Clds. 5/10	Clds.	Clds. C; 10/10
Ppn.	T in.	Snow Depth T in.	Observer SRS	Wx WINDY	Wx	Wx calm
				Vis. 20 mi.	Vis.	Vis. mi. 20 mi.

33  
HDD 32  
CDD 0  
 $\Sigma$ HDD 60  
 $\Sigma$ CDD 0  
 $\Sigma$ PCNL 0.15  
 $\Sigma$ PCNS T

T DAVIS 30/18  
T UNV 30/19

T 18  
TW -

PCNLB 0.00  
 $\Sigma$ PCNLB 0.12

WEDNESDAY 3 MARCH 1999

Meteorological  
University Park, PA

0700 EST

General Obs.

Temp.		Wind		Barom.		- SHRA ~ 0300 - 0500 LT		
Max.	45 °F	Dir.	E	Temp.	76 °F			
Min.	30 °F	Vel.	4 m.p.h.	Read.	28.53 in.	Δ OVERNIGHT LOW 38		
Set	42 °F	Char.	LIGHT	Corr.	28.40 in.	* DERIVED FROM DAVIS		
R.H.	51 %	24 hr. Mov.	M mi.	Sea L.	29.75 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	1-2 mb	Clds. 10/10 NS	Clds. 10/10 SC, AS, CB, MN	Clds. 10/10 Cu
Ppn.	- in.	Snow Depth	0 in.	Observer	SRS	Wx -RA	Wx CB, MN, OND-N-NW	Wx RA
						Vis. 5 mi.	Vis. 20 mi.	Vis. 2 mi.

H<sub>DD</sub> 27  
C<sub>DD</sub> 0  
ΣH<sub>DD</sub> 87  
ΣC<sub>DD</sub> 0  
ΣPCN<sub>L</sub> 0.15  
ΣPCN<sub>S</sub> T

T DAVIS 43/26  
TUNV 43/22

\* TD 26  
TW -

\* DERIVED FROM DAVIS

ΣPCN<sub>B</sub> 0.12

Thursday 4 March 1999

0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 54 °F	Dir. Variable	Temp. 74 °F	SHRA 085 - 1020	-RAIP ~ 2330 - 0200	
Min. 24 °F	Vel. 10 GWS m.p.h.	Read. 28.52 in.	SHRA 1410 - 1620	-SN ~ 2000 - 400	
Set 24 °F	Char. gusty	Corr. 28.39 in.	TSRA 1630 - 1715	+SN ~ 400 - 085	
R.H. 96%*	24 hr. Mov. M mi.	Sea L. 29.79 in.	RA 1715 - 1900	* Record precip (U. Pa., 1971)	
Ppn. 1.74 in.	Prev. Dir. M	3 hr. Tend. 1+S mb	+TSRA 1900 - 2100	* Derived from PAVIS	
Ppn. 4.0 in.	Snow Depth 4 in.	Observer AJD	-RA 2100 - 2230	0700	1300
				Clds. 10/10	1900
				SC	Clds. 8/10 S
				Wx BLSN, DESN	Wx WINDY
				+SN BLSN	VERY WINDY
				Wx SNOW BLUES	Vis. OUR VALLEY
				Vis. < 0.25 mi.	1V5 mi.
					15 mi.

$H_{DD}$  26  
 $C_{DD}$  0  
 $\Sigma H_{DD}$  113  
 $\Sigma C_{DD}$  0  
 $\Sigma PCN_L$  1.89  
 $\Sigma PCN_S$  4.0

$T_{DAVIS}$  24/03  
 $T_{UNW}$  25/21

$T_w$  -  
 $T_d$  23\*

$PCN_{TB}$  1.32  
 $\Sigma PCN_{TP}$  1.44



Friday 5 March 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 31 °F	Dir. NW	Temp. 74 °F		SN, OCC.L + SN OBS -830 -SN 0830-1200 -SHSN 1600-1730 PK GUST 54 mph		
Min. 17 °F	Vel. 1 m.p.h.	Read. 29.05 in.		* Highly Variable		
Set 18 °F	Char. light	Corr. 28.93 in.		** Derived from Davis		
				0700	1300	1900
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 30.39 in.		Clds. 1/10 Ci	Clds. 10/10 NS	Clds. 5/10 AS
Ppn. 0.11 in.	Liq. in.	Prev. Dir. M	3 hr. Tend. +4 mb	Wx many contrails	Wx # -SN	Wx cool
Ppn. 1.2 in.	Sol. in.	Snow Depth 3* in.	Observer SML	Vis. 25 mi.	Vis. 3 mi.	Vis. 25 mi.

$\bar{T}$  24  
 $H_{DD}$  41  
 $C_{DD}$  0  
 $\Sigma H_{DD}$  154  
 $\Sigma C_{DD}$  0  
 $\Sigma PCN_L$  2.00  
 $\Sigma PCN_S$  5.2

$T_{DAVIS}$  19/13  
 $T_{UNV}$  18/11

$T_w$  -  
 $T_d$  13\*\*

$PCN_{TB}$  0.06  
 $\Sigma PCN_{TB}$  1.50

Saturday 6 March 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F	Dir. SE	Temp. 74 °F		-SHSN 1155-1400 -SHSN 620-085		
Min. 18* °F	Vel. 4 m.p.h.	Read. 28.77 in.		*Overnight low 32 **Derived from Davis		
Set 33 °F	Char. light	Corr. 28.64 in.		0700	1300	1900
R.H. 72 %	24 hr. Mov. M mi.	Sea L. 30.04 in.	Clds. nS	Clds.	Clds. 19/0 NS	
Ppn. 0.01 in.	Liq. Prev. Dir. M	3 hr. Tend. -4 mb	Wx -SHSN	Wx	Wx -RA	
Ppn. 0.1 in.	Sol. Snow Depth 2 in.	Observer SML	Vis. 20 mi.	Vis.	mi.	Vis. 6 mi.

$\bar{T} = 27$

$H_{DD} = 38$

$C_{DD} = 0$

$\Sigma H_{DD} = 192$

$\Sigma C_{DD} = 0$

$\Sigma PCN_L = 2.01$

$\Sigma PCN_S = 5.3$

$T_{DAVIS} = 32/25$

$T_{UNV} = 32/25$

$T_W =$

$T_d = 25^{**}$

$PCN_{TB} = 0.06$

$\Sigma PCN_{TB} = 1.50$

SUNDAY 7 MARCH 1999

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. NW	Temp. 73 °F	-SN OBS - 0745 LT +SN, OCCL SN, 0745-1130 LT -SN 1130-1300 LT -DZ, OCCL-RA 1430-1940 LT -SHSN 1940-2010 LT		
Min.	13 °F	Vel. 10 m.p.h.	Read. 29.14 in.	* DERIVED FROM JAVIS		
Set	13 °F	Char. STEADY	Corr. 29.01 in.	0700	1300	1900
R.H.	63 %	24 hr. Mov. M mi.	Sea L. 30.49 in.	Clds. NO SC 7/10 FENCE	Clds. CLR	Clds. CLR
Ppn.	Liq. 0.44 in.	Prev. Dir. M	3 hr. Tend. +2.9 mb	Wx WIND CHILL -5F	Wx COLD!...	Wx ...>!
Ppn.	Sol. 4.8 in.	Snow Depth 6 in.	Observer WJS	Vis. 25 mi.	Vis. 25+ mi.	Vis. 25+ mi.

$$\bar{T} = 25$$

$$H_{20} = 40$$

$$C_{20} = 0$$

$$\Sigma H_{20} = 232$$

$$\Sigma C_{20} = 0$$

$$\Sigma PCN_L = 2.45''$$

$$\Sigma PCN_S = 10.1''$$

$$T_{DAVIS} = 13/3$$

$$T_{UNV} = 12/3$$

$$T_W = N/A$$

$$T_D = 3$$

$$PCN_{TB} = 0.35''$$

$$\Sigma PCN_{TB} = 1.85''$$

MONDAY 8 MARCH 1999

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 28 °F	Dir. W	Temp. 73 °F	-SHSN 0730-0930 LT			
Min. 3 °F	Vel. 1 m.p.h.	Read. 29.37 in.				
Set 4 °F	Char. DRIFT	Corr. 29.24 in.	* DERIVED FROM TD DAVIS			
			0700	1300	1900	
R.H. 79 %	24 hr. Mov. M mi.	Sea L. 30.76 in.	Clds. CLR	Clds. CLR	Clds. 4/10 Ci	
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. -4.0 mb	Wx LOCAL SMOKE	Wx NICE!	Wx CRISP	
Ppn. Sol. T in.	Snow Depth 5 in.	Observer WJS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 16$$

$$H_{20} = 49$$

$$C_{20} = 0$$

$$\Sigma H_{20} = 281$$

$$\Sigma C_{20} = 0$$

$$\Sigma PCN_L = 2.45''$$

$$\Sigma PCN_S = 10.1''$$

$$\bar{T}_{\text{DAVIS}} = 8/-1$$

$$T_{\text{UNU}} = 7/-2$$

$$T_w \text{ N/A}$$

$$T_D = -1$$

$$PCN_{70} = 0.00''$$

$$\Sigma PCN_{70} = 1.85''$$



TUESDAY 9 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	32 °F	Dir. NNE	Temp. 73 °F			
Min.	4* °F	Vel. 3 m.p.h.	Read. 29.09 in.			
Set	18 °F	Char. LIGHT	Corr. 28.96 in.			
R.H.	52** %	24 hr. Mov. M mi.	Sea L. 30.42 in.	0700 Clds. Ns, 10/10 -CS	1300 Clds. 10/10 Ns	1900 Clds. 10/10 Ns
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. -1.0 mb	Wx VIRGA	Wx -SN	Wx -SN
Ppn. Sol.	0.0 in.	Snow Depth 4 in.	Observer WJS	Vis. 25 mi.	Vis. 1 mi.	Vis. 1 mi.

\*OVERTLOW 18 \*\* 2 CANES FROM JAVIS

$$\bar{T} = 18$$

$$H_{SD} = 47$$

$$C_{SD} = 0$$

$$\Sigma H_{SD} = 328$$

$$\Sigma C_{SD} = 0$$

$$\Sigma PCN_L = 2.45''$$

$$\Sigma PCN_S = 10.1''$$

$$T_{AVG} = 19/3$$

$$T_{UNU} =$$

$$T_W \text{ N/A}$$

$$T_D = 3$$

$$PCN_{T0} = 0.00'$$

$$\Sigma PCN_{T0} = 1.85''$$

WEDNESDAY 10 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	27 °F	Dir.	ENE	Temp.	- 0600 - SNOW 11:00 - 1700 LT		
				73 °F	- SN 1700 - 0200 LT		
Min.	18 °F	Vel.	4 m.p.h.	Read.	- SNOW 0200 - 0615 LT		
				28.80 in.			
Set	21 °F	Char.	LIGHT	Corr.	* DUNK LOW 21 ** DERIVED FROM DATA		
				28.67 in.	0700	1300	1900
R.H.	71 %	24 hr. Mov.	M mi.	Sea L.	Clds. 5' 10/10	Clds.	Clds. 2/10 St
				30.11 in.			
Ppn.	0.08 in.	Prev. Dir.	M	3 hr. Tend.	Wx MTNS OBSCURED	Wx	Wx Cool
				+2 mb			
Ppn.	1.0 in.	Snow Depth	5 in.	Observer	Vis.	Vis.	Vis.
				SRS	10 mi.	mi.	25 mi.

T 23

T DAVIS 23/16

T<sub>w</sub> N/A

H<sub>00</sub> 42

T UNV 21/16

T<sub>D</sub> 16\*\*

C<sub>00</sub> 0

ΣH<sub>00</sub> 370

ΣC<sub>00</sub> 0

ΣPCN<sub>L</sub> 2.53"

ΣPCN<sub>S</sub> 11.1"

PCN<sub>TB</sub> = 0.01"

ΣPCN<sub>TB</sub> = 1.86"

THURSDAY 11 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 36 °F		Dir. NW	Temp. 73 °F			
Min. 18 °F		Vel. 5 m.p.h.	Read. 28.77 in.			
Set 18 °F		Char. Steady	Corr. 28.64 in.	*DERIVED FROM DAVIS		
				0700	1300	1900
R.H. 74 %	*	24 hr. Mov. M mi.	Sea L. 30.08 in.	Clds. 2/10 ST	Clds. 1/10 ST	Clds. 1/10 ST
Ppn. 0.00 in.	Liq.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx bright	Wx sunny	Wx breezy
Ppn. 0.0 in.	Sol.	Snow Depth 4 in.	Observer SML	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$  27

$H_{DD}$  38

$C_{DD}$  0

$\Sigma H_{DD}$  408

$\Sigma C_{DD}$  0

$\Sigma PCN_L$  2.53"

$\Sigma PCN_S$  11.1"

$T_{DAVIS}$  19/11

$T_{UNIV}$  19/11

$T_w$  -

$T_D$  11 \*

$PCN_{TB}$  0  
 $\Sigma PCN_{TB}$  1.86"

FRIDAY 12 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. NNW	Temp. 73 °F	- SHSN ~745-815 LT		
Min.	18 * °F	Vel. 15 m.p.h.	Read. 28.79 in.	*OUNT LOW 24		
Set	24 °F	Char. Variable	Corr. 28.66 in.	** DERIVED FROM DAVIS		
R.H.	57 ** %	24 hr. Mov. M mi.	Sea L. 30.09 in.	0700 Clds. 7/10 Sc	1300 Clds. 2/10 Ci	1900 Clds. 2/10 Cs
Ppn.	T in.	Prev. Dir. M	3 hr. Tend. +2 mb	Wx breezy	Wx breezy i katheter to E	Wx cool
Ppn.	T in.	Snow Depth 3 in.	Observer SML	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$  29

$H_{DD}$  36

$C_{DD}$  0

$\Sigma H_{DD}$  444

$\Sigma C_{DD}$  0

$\Sigma PCN_L$  2.53°

$\Sigma PCN_S$  11.1"

$T_{DAVIS}$  24/11

$T_{UNV}$  23/12

$T_w$  -

$T_d$  11\*\*

$PCN_{TB}$  0  
 $\Sigma PCN_{TB}$  1.86°



SATURDAY 13 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	40 °F	Dir.	NW	Temp.	71 °F	- SHSN 730-745 LT		
Min.	22 °F	Vel.	4 m.p.h.	Read.	28.98 in.			
Set	22 °F	Char.	Steady	Corr.	28.86 in.	*DERIVED FROM DAVIS		
R.H.	68*	24 hr. Mov.	M mi.	Sea L.	30.30 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	+2 mb	Clds.	Clds.	Clds.
						CLR	6/10 Ci	7/10 Ci, St
						Wx	Wx	Wx
						few contrails	Sunny	cool
Ppn.	T in.	Snow Depth	2 in.	Observer	SML	Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

$\bar{T}$  31

$H_{DD}$  34

$C_{DD}$  0

$\Sigma H_{DD}$  478

$\Sigma C_{DD}$  0

$\Sigma PCN_L$  2.53'

$\Sigma PCN_S$  11.1'

$T_{DAVIS}$  23/13

$T_{UNV}$  22/13

$T_w$  -

$T_d$  13\*

$PCN_{TB}$  0  
 $\Sigma PCN_{TB}$  1.86'

SUNDAY 11 MARCH 1979

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F		Dir. NE	Temp. 71 °F			
Min. 28 * °F		Vel. 4 m.p.h.	Read. 28.85 in.	*OVNT LOW 55		
Set 25 °F		Char. Steady	Corr. 28.73 in.	** DERIVED FROM DAVIS		
				0700	1300	1900
R.H. 78 ** %		24 hr. Mov. M mi.	Sea L. 30.17 in.	Clds. B/10 Sc	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. 0	Liq. in.	Prev. Dir. M	3 hr. Tend. 0 mb	Wx gloomy	Wx -SN	Wx -SN
Ppn. 0	Sol. in.	Snow Depth 1 in.	Observer SML	Vis. 25 mi.	Vis. 3 mi.	Vis. 1 mi.

T 33

H<sub>DD</sub> 32

C<sub>DD</sub> 0

Σ H<sub>DD</sub> 510

Σ C<sub>DD</sub> 0

Σ PCN<sub>L</sub> 2.53"

Σ PCN<sub>S</sub> 11.1"

T<sub>DAVIS</sub> 26/19

T<sub>UNV</sub> 25/18

T<sub>w</sub> -

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

PCN<sub>7B</sub> = 0

Σ PCN<sub>7B</sub> = 1.86

MONDAY 15 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. NNE	Temp. 71 °F	-SN 1224 - 1400 LT SN, OCCL -SN, 1400-1700 -SN 1700-2300 LT * TIES RECORD SWIMMING RECORDS (A16) BOXING			
Min. 25* °F	Vel. 5 m.p.h.	Read. 28.59 in.	* QUNT LOW 29 ** FROM DAVIS			
Set 30 °F	Char. STEADY	Corr. 28.47 in.	0700	1300	1900	
R.H. 85** %	24 hr. Mov. M mi.	Sea L. 29.87 in.	Clds. 10/10 SC BROKEN	Clds. 0/10	Clds. 0/10	
Ppn. 0.52 in.	Liq.	Prev. Dir. M	3 hr. Tend. +0.5 mb	Wx TUSSEY WAVE CLOUD	Wx BREEZY PLEASANT	Wx STARLIT
Ppn. 6.0 in.	Sol. 4	Snow Depth 6 in.	Observer WJS	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 30$$

$$H_{20} = 35$$

$$C_{20} = 0$$

$$\Sigma H_{20} = 545$$

$$\Sigma C_{20} = 0$$

$$\Sigma PCN_L = 3.05''$$

$$\Sigma PCN_S = 17.1''$$

$$T_{20VIS} = 30/26$$

$$T_{20VV} = 28/23$$

$$T_w \text{ n/a}$$

$$T_D = 26$$

$$PCN_{TB} = 0.32''$$

$$\Sigma PCN_{TB} = 2.18''$$

TUESDAY 16 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	43 °F	Dir. NW	Temp. 72 °F			
Min.	27 °F	Vel. 12 m.p.h.	Read. 28.83 in.			
Set	28 °F	Char. LIGHT	Corr. 28.71 in.	* DERIVED FROM DAVIS		
R.H.	53 %	24 hr. Mov. M mi.	Sea L. 30.11 in.	0700 Clds. 0/10	1300 Clds. 0/10	1900 Clds. 0/10
Ppn.	0 in.	Prev. Dir. M	3 hr. Tend. /+1 mb	Wx PLENTRY o' SUN	Wx BREEZY LOTTA SUN!	Wx crisp!
Ppn.	0 in.	Snow Depth 2 in.	Observer SRS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$  35

T DAVIS 28/13  
TUNV 28/14

TW N/A  
TD\* 13

H<sub>DD</sub> 30

L<sub>DD</sub> 0

$\Sigma$ H<sub>DD</sub> 575

$\Sigma$ L<sub>DD</sub> 0

$\Sigma$ PCN<sub>L</sub> 3.05"

$\Sigma$ PCN<sub>S</sub> 17.1"

\*FROM DAVIS

PCN<sub>TB</sub> = 0  
 $\Sigma$ PCN<sub>TB</sub> = 2.18"



WEDNESDAY 17 MARCH 1999  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	47 °F	Dir.	SW	Temp.	72 °F			
Min.	28 °F	Vel.	5 m.p.h.	Read.	28.76 in.	* OVERNIGHT LOW 41		
Set	46 °F	Char.	LIGHT	Corr.	28.63 in.	** DERIVED FROM DAVIS		
R.H.	50 %	24 hr. Mov.	M mi.	Sea L.	30.02 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	1+2 mb	Clds.	Clds.	Clds.
						0/10	5/10 Ci	6/10 Ci
						Wx	Wx	Wx
						A GREAT START	60F!! INC. C'SW-S VERY PLEASANT	many contrails
Ppn.	0 in.	Snow Depth	T in.	Observer	SRS	Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

F 38

HOD 27

COD 0

$\Sigma HOD$  602

$\Sigma COD$  0

$\Sigma PCN$  3.05"

$\Sigma PCN_S$  17.1"

T DAVIS 46/28

T UNV 45/28

T<sub>w</sub> N/A

T<sub>D</sub> \*\* 28

$PCN_{TB} = 0$

$\Sigma PCN_{TB} = 2.18$ "

\*\* FROM DAVIS

Thursday 18 March 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	63 °F	Dir. W	Temp. 76 °F	* Overnight low 54		
Min.	45 °F	Vel. 20 m.p.h.	Read. 28.76 in.			
Set	59 °F	Char. Steady	Corr. 28.62 in.			
R.H.	64 %	24 hr. Mov. M mi.	Sea L. 29.96 in.	0700 Clds. Sc 2/10	1300 Clds. Sc 19/10	1900 Clds. US 10/10
Ppn.	0 in.	Prev. Dir. M	3 hr. Tend. +0.8 mb	Wx Beautiful	Wx Sharply Colder Very Windy	Wx -SHRA
Ppn.	0 in.	Sol. T in.	Snow Depth AJD	Observer AJD	Vis. 25 mi.	Vis. 25 mi.
					Vis. 10 mi.	

$\bar{T}$  54

$T_{\text{DAVIS}}$  54/37

$T_w$  48

$H_{DD}$  H

$T_{\text{UNV}}$  54/36

$T_d$  42

$C_{DD}$  0

$\Sigma H_{DD}$  6.05

$\Sigma C_{DD}$  0

$\Sigma PCN_L$  3.05

$\Sigma PCN_S$  17.1

$PCN_{TB}$  0

$\Sigma PCN_{TB}$  0.16

Friday 19 March 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. WNW	Temp. 73 °F	OCNB -SHRA ~1200-1500 LT -RAPL ~1500-1600 -SHRA ~1700-1900 OCNB -SC, -RAPL ~1900-2230			
Min. 34 °F	Vel. 15 m.p.h.	Read. 28.92 in.	* Derived from Davis			
Set 34 °F	Char. variable	Corr. 08.79 in.	0700	1300	1900	
R.H. 59 %	24 hr. Mov. M mi.	Sea L. 30.19 in.	Clds. 10/10 Sc	Clds. 3/10 Sc	Clds. 6/10 Sc	
Ppn. T	Liq. in.	Prev. Dir. M	3 hr. Tend. +3.5 mb	Wx murky	Wx dim sunshine	Wx cool
Ppn. T	Sol. in.	Snow Depth 0 in.	Observer SML	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F 44

T<sub>DAVIS</sub> 34/21

T<sub>w</sub> -

H<sub>DD</sub> 21

T<sub>UVV</sub> 38/20

T<sub>d</sub> 21 \*

C<sub>DD</sub> 0

$\Sigma H_{DD}$  634

$\Sigma C_{DD}$  0

$\Sigma PCN_1$  3.05

$\Sigma PCN_2$  17.1

PCN<sub>TS</sub> 0

$\Sigma PCN_{TS}$  2.18

Saturday 20 March 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 39 °F	Dir. W	Temp. 72 °F	-SG 0740-0930 LT (occnl)			
Min. 28 °F	Vel. 5 m.p.h.	Read. 29.02 in.				
Set 30 °F	Char. Steady	Corr. 28.89 in.	*Derived From Davis			
R.H. 67 %	24 hr. Mov. M mi.	Sea L. 30.31 in.	0700 Clds. 9/10 Sc, Ac	1300 Clds. 1/10 Ci	1900 Clds. 0/10	
Ppn. T in.	Liq. in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx tranquil	Wx SOME Contrails	Wx HAPPY SPRING!!
Ppn. T in.	Sol. in.	Snow Depth 0 in.	Observer SML	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$  34

$H_{DD}$  31

$C_{DD}$  0

$\Sigma H_{DD}$  665

$\Sigma C_{DD}$  0

$\Sigma PCN_L$  3.05

$\Sigma PCN_S$  17.1

$T_{DAVIS}$  29/20

$T_{UNV}$  28/20

$T_w$  -

$T_d$  20\*

$PCN_{TB}$  0  
 $\Sigma PCN_{TB}$  2.18



SUNDAY 21 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. —	Temp. 72 °F			
Min.	30 °F	Vel. 0 m.p.h.	Read. 28.74 in.	†USED TO DAVIS †MOUNT LOW 37 †NOTE KPSW ASOS SSB20623RT		
Set	42 °F	Char. CALM	Corr. 28.61 in.			
R.H.	43 %	24 hr. Mov. M mi.	Sea L. 29.99 in.	Clds. 10/10 St	Clds. 10/10 NS	Clds. 10/10 NS
Ppn.	0 in.	Prev. Dir. M	3 hr. Tend. L-.5 mb	Wx CALM + MILD	Wx -RA	Wx -SN
Ppn.	0 in.	Snow Depth 0 in.	Observer EMB	Vis. 20 mi.	Vis. 5 mi.	Vis. 5 mi.

T 40

H<sub>00</sub> 25

C<sub>00</sub> 0

Σ H<sub>00</sub> 690

Σ C<sub>00</sub> 0

Σ PCNL 3.05

Σ PCN<sub>s</sub> 17.1

T<sub>DAVIS</sub> 41/21

T<sub>UNV</sub> 40/19

T<sub>d</sub> 21

T<sub>w</sub> -

PCN<sub>TB</sub> 0

Σ PCN<sub>TB</sub> 2.18

Monday 22 March 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 43 °F	Dir. W	Temp. 70 °F	-RA 730-1530 LT -RASW 1530-1615 LT			
Min. 31 °F	Vel. 15 m.p.h.	Read. 28.74 in.	SN 1615-2250 LT SHSN 530 LT - OBS			
Set 31 °F	Char. steady	Corr. 28.62 in.	*Derived from DAVIS			
R.H. 74* %	24 hr. Mov. M mi.	Sea L. 30.03 in.	0700 Clds. 10/10 NS	1300 Clds. 10/10 SC	1900 Clds. 5/10 SC	
Ppn. Liq. 0.59 in.	Prev. Dir. M	3 hr. Tend. -0.2 mb	Wx -SN	Wx FEW BKNVC BLUSTERY	Wx BRISK	
Ppn. Sol. 0.9 in.	Snow Depth 1 in.	Observer AJD	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}$  37

$H_{DD}$  28

$C_{DD}$  0

$\Sigma H_{DD}$  718

$\Sigma C_{DD}$  0

$\Sigma PCN_L$  3.64"

$\Sigma PCN_S$  18

$T_{DAVIS}$  31/23

$T_{UNV}$  30/21

$T_d$  23\*

$T_w$  -

$PCN_{TB}$  0.45  
 $\Sigma PCN_{TB}$  2.63

TUESDAY 23 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 36 °F	Dir. SW	Temp. 70 °F	-SN OBS - 13:00 LT -OCLLSNSH 13:00 - 19:00 LT			
Min. 30 °F	Vel. 2 m.p.h.	Read. 28.93 in.				
Set 31 °F	Char. LIGHT	Corr. 28.81 in.	* DERIVED FROM DAVIS			
R.H. 71 %	# 24 hr. Mov. M mi.	Sea L. 30.21 in.	0700 Clds. ST 5/10	1300 Clds. 9/10 Sc, Cs	1900 Clds. 9/10	
Ppn. T in.	Liq. Prev. Dir. M	3 hr. Tend. +2 mb	Wx CHILLY	Wx SN DIMLY VISIBLE THRU OCL, BRISK	Wx nice	
Ppn. T in.	Sol. Snow Depth T in.	Observer SRS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T 33

T DAVIS 31/22

T<sub>w</sub> -

H<sub>00</sub> 32

T<sub>UNV</sub> 32/22

T<sub>D</sub> 22

C<sub>00</sub> 0

ΣH<sub>00</sub> 750

ΣC<sub>00</sub> 0

ΣPCN<sub>L</sub> 3.64"

ΣPCN<sub>S</sub> 18.0"

PCN<sub>L</sub> 0.00"  
ΣPCN<sub>L</sub> 2.63"

\* DERIVED FROM DAVIS

WEDNESDAY 24 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	46 °F	Dir.	-	Temp.	72 °F			
Min.	30 °F	Vel.	- m.p.h.	Read.	28.80 in.			
Set	35 °F	Char.	calm	Corr.	28.68 in.	* DERIVED FROM DAVIS		
R.H.	78 %	24 hr. Mov.	M mi.	Sea L.	30.07 in.	0700	1300	1900
						Clds. 9/10 ST	Clds. 10/10 Sc, Cu BKN OVC	Clds. 2/10 Sc, Cu
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	7-.5 mb	Wx A BIT OF BLUE	Wx MILD BREAKING UP	Wx mild
Ppn.	0 in.	Snow Depth	T in.	Observer	SRS	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

T 38

HDD 27

CDD 0

$\Sigma$ HDD 777

$\Sigma$ CDD 0

$\Sigma$ PCN<sub>L</sub> 3.64"

$\Sigma$ PCN<sub>S</sub> 18.0"

T DAVIS 36/30

T UNV 34/25

T<sub>w</sub>-  
T<sub>D</sub>\*30

$\Sigma$ PCN<sub>L</sub> 2.63"

\*DERIVED FROM DAVIS



Thursday 25 March 1977

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. NW	Temp. 71 °F			
Min.	30 °F	Vel. 7 m.p.h.	Read. 28.90 in.			
Set	31 °F	Char. Steady	Corr. 28.68 in.	* Derived from Davis		
R.H.	64* %	24 hr. Mov. M mi.	Sea L. 30.09 in.	0700 Clds. Sc 3/10	1300 Clds. 4/10 Sc	1900 Clds. 5/10 Sc
Ppn.	Liq. - in.	Prev. Dir. M	3 hr. Tend. /+3 mb	Wx chilly	Wx Quite Cool, Breezy	Wx A chilly breeze
Ppn.	Sol. - in.	Snow Depth - in.	Observer AJD	Vis. 25 mi.	Vis. 25 mi.	Vis. 15 mi.

$\bar{T}$  42

$H_{DD}$  23

$C_{DD}$  0

$\Sigma H_{DD}$  800

$\Sigma C_{DD}$  0

$\Sigma PCN_L$  3.64

$\Sigma PCN_S$  18.0

$T_{DAVIS}$  31/20

$T_{UNV}$  30/18

$T_w$  -

$T_a$  20\*

$PCN_{TB}$  0

$\Sigma PCN_{TB}$  2.63

Friday 26 March 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 44 °F	Dir. -	Temp. 71 °F				
Min. 26 °F	Vel. 0 m.p.h.	Read. 28.99 in.				
Set 27 °F	Char. calm	Corr. 28.87 in.	*Derived from Davis			
			0700	1300	1900	
R.H. 69 %	* %	24 hr. Mov. M mi.	Sea L. 30.30 in.	Clds. CLR	Clds. CLR	Clds. CLR
Ppn. 0	Liq. in.	Prev. Dir. M	3 hr. Tend. ↓ +2 mb	Wx beautiful start	Wx a bit breezy w/ azure skies	Wx. Crisp
Ppn. 0	Sol. in.	Snow Depth 0 in.	Observer SML	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$  35

$H_{DD}$  30

$C_{DD}$  0

$\Sigma H_{DD}$  830

$\Sigma C_{DD}$  0

$\Sigma PCN_L$  3.64

$\Sigma PCN_S$  18.0

$T_{DAVIS}$  27/18

$T_{UNV}$  27/18

$T_w$  -

$T_d$  18\*

$PCN_{TB}$  0  
 $\Sigma PCN_{TB}$  2.63

Saturday 27 March 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	48 °F	Dir. NNE	Temp. 71 °F			
Min.	27* °F	Vel. 3 m.p.h.	Read. 28.98 in.	*OYNT LOW 31		
Set	31 °F	Char. Steady	Corr. 28.84 in.	**DERIVED FROM DAVIS		
				0700	1300	1900
R.H.	72 ** %	24 hr. Mov. M mi.	Sea L. 30.27 in.	Clds. 1/10 Ci	Clds.	Clds. 0/10 SKC
Ppn.	- in.	Prev. Dir. M	3 hr. Tend. ↓ +1 mb	Wx hazy on the horizon	Wx	Wx A SOLENOID AFTERNOON
Ppn.	- in.	Snow Depth	Observer SML	Vis. 15 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$  38

$H_{DD}$  27

$C_{DD}$  0

$\Sigma H_{DD}$  857

$\Sigma C_{DD}$  0

$\Sigma FCN_L$  3.64

$\Sigma FCN_S$  18.0

$T_{DAVIS}$  33/23

$T_{UNV}$  29/20

$T_w$  -

$T_d$  23 \*\*\*

$FCN_{TB}$  0

$\Sigma FCN_{TB}$  2.63

SUNDAY 28 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. NNE	Temp. 72 °F			
Min.	31 °F	Vel. 5 m.p.h.	Read. 28.88 in.	MOUNT LOW 38 NOT DERIVED USING T <sub>D</sub> DAVIS		
Set	40 °F	Char. LIGHT	Corr. 28.76 in.	0700	1300	1900
R.H.	40 %	24 hr. Mov. M mi.	Sea L. 30.15 in.	Clds. 9/10 SE SC	Clds.	Clds. Ac 9/10 As
Ppn.	— in.	Prev. Dir. N	3 hr. Tend. √ +.6 mb	Wx CIG RGD SHARP CLING LINE NW-S	Wx	Wx wonderful
Ppn.	— in.	Snow Depth — in.	Observer EMB	Vis. 25 mi.	Vis. mi.	Vis. 55 mi.

$\bar{T}$  43

$H_{00}$  22

$C_{00}$  0

$\Sigma H_{00}$  879

$\Sigma C_{00}$  0

$\Sigma P_{00}$  364"

$\Sigma P_{00s}$  18"

$\bar{T}_{DAVIS}$  40/17

$\bar{T}_{UNU}$  38/17

$T_a^{*}$  17

$P_{00 TB} \phi$   
 $\Sigma P_{00 TB} 2.63$



Monday 29 March 1999

Meteorological Observatory  
University Park, PA

0700 EST

Temp.			Wind	Barom.	General Obs.		
Max.	61 °F	Dir.	WSW	Temp.	-DZ 0845 - 0900 LT		
Min.	35 °F	Vel.	6 m.p.h.	Read.	28.88 in.		
Set	46 °F	Char.	light	Corr.	0700	1300	1900
R.H.	46 %	24 hr. Mov.	M mi.	Sea L.	Clds. A 2/10	Clds. SKC	Clds. SKC
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	Wx some lenticulars south	Wx FEW CEDSNT ALL HAY BREEZY, WARM	Wx BREEZY, MILD
Ppn.	- in.	Snow Depth	- in.	Observer	Vis.	Vis.	Vis.
				ATD	25 mi.	15 mi.	25 mi.

$\bar{T}$  48  
H<sub>DD</sub> 17  
C<sub>DD</sub> 0  
 $\Sigma H_{DD}$  896  
 $\Sigma C_{DD}$  0  
 $\Sigma PCN_L$  3.64'  
 $\Sigma PCN_S$  18'

$\bar{T}_{DAVIS}$  46/19  
 $\bar{T}_{UNU}$  43/20

$\bar{T}_w$  39  
 $\bar{T}_d$  27

$PCN_{TB}$  0  
 $\Sigma PCN_{TB}$  2.63"

TUESDAY 30 MARCH 1999

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. NW	Temp. 74 °F	X DERIVED FROM T.D. DAVIS		
Min.	41 °F	Vel. 4 m.p.h.	Read. 29.10 in.			
Set	42 °F	Char. LIGHT	Corr. 28.97 in.			
R.H.	40 %	24 hr. Mov. M mi.	Sea L. 30.37 in.	0700 Clds. SKC	1300 Clds. < 1/10 FEW CU MASS	1900 Clds. 9/10
Ppn.	Liq. — in.	Prev. Dir. M	3 hr. Tend. 12.4 mb	Wx GORGEOUS	Wx SPLENDID	Wx bright full moon
Ppn.	Sol. — in.	Snow Depth — in.	Observer EMB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$  51

$H_{00}$  14

$C_{00}$   $\phi$

$\Sigma H_{00}$  910

$\Sigma C_{00}$  0

$\Sigma PCW_L$  3.64"

$\Sigma PCW_S$  18"

$T_{UVV}$  42/18

$T_{PMS}$  /20

$T_d^*$  20

$PCN_{TB} = 0$   
 $\Sigma PCN_{TB} = 2.63"$

WEDNESDAY 31 MARCH 1999

Meteorological Observatory  
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	61 °F	Dir. SW	Temp. 76 °F			
Min.	36 °F	Vel. 2 m.p.h.	Read. 29.08 in.			
Set	40 °F	Char. LIGHT	Corr. 28.94 in.	* DERIVED FROM DAVIS		
R.H.	33 %	24 hr. Mov. M mi.	Sea L. 30.33 in.	0700 Clds. 5/10 Ci	1300 Clds. SKC	1900 Clds. 5/10 Ci
Ppn.	-	Liq. in.	Prev. Dir. M	3 hr. Tend. + .5 mb	Wx BRIGHT SUNSHINE	Wx BREEZY, WARM & DRY, 70°F!
Ppn.	-	Sol. in.	Snow Depth in.	Observer SRS	Vis. 25 mi.	Vis. 25 mi.



$\bar{T}$  49

HDD 16

CDD  $\emptyset$

$\Sigma$ HDD 926

$\Sigma$ CDD  $\emptyset$

$\Sigma$ PCN<sub>L</sub> 3.64"

$\Sigma$ PCN<sub>S</sub> 18"

TUNV 40/17

TDAVIS 44/17

T<sup>+</sup>  
D 17

MARCH SUMMARY

$\bar{T}_{max}$  = 43.9

$\bar{T}_{min}$  = 25.9

$\bar{T}_{mar}$  = 34.9

PCN<sub>TB</sub>  $\emptyset$

$\Sigma$ PCN<sub>TB</sub> 2.63"

\*DERIVED FROM DAVIS