

Thursday 1 April 1999

0700 EST

Univ. General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. SSW	Temp. 78 °F	-RA	0235 LT - OBS	
Min. 40 °F	Vel. 1 m.p.h.	Read. 29.08 in.	-DZ	0650 LT - OBS	
Set 48 °F	Char. light	Corr. 28.94 in.	* Overnight low 48		1900
R.H. 86 %	24 hr. Mov. M mi.	Sea L. 30.31 in.	0700	1300	Clds. 10/10 Ns
Ppn. Liq. 0.15 in.	Prev. Dir. M	3 hr. Tend. 1 +1 mb	Clds. Ns 10/10	Wx 10/10	Wx -DZ FG
Ppn. Sol. - in.	Snow Depth - in.	Observer AJD	Wx -DZ	Wx FOG	Vis. 1 mi.
			Vis. 20 mi.	Vis. 3/4 mi.	

ΣH_{DD} 8
 ΣC_{DD} 0
 ΣPCN_6 0.15
 ΣPCN_3 0

T_{DRIVIS} 47/44
 T_{UNV} 45/40

T_w 48
 T_d 46

PCN_{TB} 0.15
 ΣPCN_{TB} 0.15

Friday 2 April 1999

0700 EST

Univers...

General Obs.

Temp.	Wind	Barom.	General Obs.		
Max. 56 °F	Dir. -	Temp. 78 °F	-DE OBS - 0750 LT		
Min. 48 °F	Vel. 0 m.p.h.	Read. 28.82 in.	-RA 0750 LT - 1130 LT		
Set 53 °F	Char. calm	Corr. 28.68 in.	-DE 1130 LT - 1820 LT		
R.H. 96 %	24 hr. Mov. M mi.	Sea L. 29.98 in.	-RA 1820 LT - 1930 LT		
Ppn. 0.04 in.	Prev. Dir. M	3 hr. Tend. / +2.5 mb	0700	1300	1900
Ppn. - in.	Snow Depth - in.	Observer SML	Clds. 10/10	Clds. 9/10	Clds. 10/10
			St, Ns	St, Cu	St, Sc
			Wx	Wx	Wx
			Fog	mild	warm
			Vis.	Vis. 15 mi.	Vis. 15 mi.

$C_{DD} 0$
 $\Sigma H_{DD} 21$
 $\Sigma C_{DD} 0$
 $\Sigma PCU_2 0.19$
 $\Sigma PCU_5 0$

DAVIS 53/52
TUNY 50/47

$T_w 53$
 $T_d 52$

$PCU_{TB} 0.04$
 $\Sigma PCU_{TB} 0.19$

Saturday 3 April 1999

0700 EST

Met. University
General Obs.

Temp.	Wind	Barom.			
Max. 66 °F	Dir. SW	Temp. 83 °F			
Min. 52* °F	Vel. 2 m.p.h.	Read. 28.88 in.	*OVIAT low 57		
Set 57 °F	Char. Steady	Corr. 28.72 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. M mi.	Sea L. 30.05 in.	Clds. 10/10 Sc, St	Clds.	Clds. cu. 9/10 St
Ppn. - in.	Prev. Dir. M	3 hr. Tend. +2.5 mb	Wx foggy & mild	Wx	Wx MUGGY
Ppn. - in.	Snow Depth - in.	Observer SML	Vis. 2 mi.	Vis.	Vis. 10 mi.

C_{DD} 0
 ΣH_{DD} 27
 ΣC_{DD} 0
 ΣPCN_L 0.19
 ΣPCN_S 0

DAYS 56/53
TONY 57/48

T_w 55
 T_d 53

PCN_{TB} 0.00
 ΣPCN_{TB} 0.19

SUNDAY 4 APRIL 1999

0700 EST

University
General Obs.

Temp.	Wind	Barom.	TSRA 22:00 - 22:30 LT	
Max. 72 °F	Dir. -	Temp. 84 °F	-RA 22:30 - 00:00 LT	
Min. 57 °F	Vel. - m.p.h.	Read. 28.75 in.	▲ RECORD MAX MIN (65 in 1913)	
Set 59 °F	Char. calm	Corr. 28.59 in.	▲ COUNT LOW 59	
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 29.91 in.	0700	1300
Ppn. 0.04 in.	Prev. Dir. M	3 hr. Tend. STEADY mb	Clds. SC	Clds. Nb
Sol. - in.	Snow Depth - in.	Observer SRS	5/10	10/10
			Wx Valley fog	Wx -SHRA
			BRIGHT SUN	19/10
			Vis. 10 mi.	10 mi.
				20 mi.
				Wx gloomy

$C_{DD} 0$
 $\Sigma H_{DD} 27$
 $\Sigma C_{DD} 0$
 $\Sigma PCN_L 0.23$
 $\Sigma PCN_S 0$

DAVIS 59157
TUNW 57/52

TW 57
TO 56

$PCN_{TB} 0.04$
 $\Sigma PCN_{TB} 0.23$

Monday 5 April 1999

0700 EST

Meteorological
University Park, PA

General Obs.

Temp.		Wind	Barom.	-DZ/-RA 1700 LT - 0100 LT		
Max.	70 °F	Dir. NNE	Temp. 78 °F			
Min.	34 °F	Vel. 9 m.p.h.	Read. 28.75 in.	* Derived from Davis		
Set	35 °F	Char. Steady	Corr. 28.61 in.			
R.H.	57% [*]	24 hr. Mov. M mi.	Sea L. 30.01 in.	Clds. Ac 1/10	Clds. Ci 1/10	Clds. Ac 1/10
Ppn.	0.04 in.	Prev. Dir. M	3 hr. Tend. /+3.6 mb	Wx chilly	Wx Pleasant	Wx Nice
Ppn.	- in.	Snow Depth	Observer AJP	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

H_{DD} 13
 C_{DD} 0
 ΣH_{DD} 40
 ΣC_{DD} 0
 ΣPCN_L 0.27
 ΣPCN_S 0

T_{DAVIS} 36/21
 T_{UNV} 34/19

T_w -
 T_d 21*

PCN_{TB} 0.07
 ΣPCN_{TB} 0.30

TUESDAY 6 APRIL 1999

0700 EST

Meteorology
University Park, Pa.

General Obs.

Temp.	Wind	Barom.			
Max. 60 °F	Dir. WSW	Temp. 80 °F			
Min. 35 °F	Vel. 4 m.p.h.	Read. 28.96 in.	*OVERNIGHT LOW 45		
Set 46 °F	Char. LIGHT	Corr. 28.82 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. M mi.	Sea L. 30.17 in.	Clds. Ci 5/10	Clds. Sc, As 10/10	Clds. Sc 3/10
Ppn. - in.	Prev. Dir. M	3 hr. Tend. 7-1 mb	Wx A GOOD DEAL OF SUN	Wx DAMP, GRAY	Wx much drier
Ppn. - in.	Snow Depth - in.	Observer SRS	Vis. 25 mi.	25 mi.	25 mi.

DD 17
CDD 0
 $\Sigma H_{DD} 57$
 $\Sigma C_{DD} 0$
 $\Sigma PCN_L 0.27$
 $\Sigma PCN_S 0$

T DAVIS 46/28
T UNV 43/28

TW 43
TD 40

$\Sigma PCN_{TB} 0.30$

WEDNESDAY 7 APRIL 1999

0700 EST

Meteorology
University Park, Pa.

General Obs.

RA 1415-1615 LT

Temp.		Wind	Barom.			
Max.	58 °F	Dir. NW	Temp.	78 °F		
Min.	46 °F	Vel. 2620 m.p.h.	Read.	28.96 in.		
Set	50 °F	Char. GUSTY	Corr.	28.82 in.	0700	1300
R.H.	68 %	24 hr. Mov. M mi.	Sea L.	30.17 in.	Clds. 4/10	1900 Clds. CLR
Ppn.	0.09 in.	Prev. Dir. M	3 hr. Tend.	1+2 mb	Wx BREEZY	Wx PERFECT
Sol.	- in.	Snow Depth	Observer	SRS	Vis. 25 mi.	Vis. 25 mi.
						Wx mild

ΣCDD 0
 ΣHDD 70
 ΣCDD 0
 ΣPCN_L 0.36
 ΣPCN_S 0

DAVIS 49/38
TUNV 48/34

\overline{TW} 45
 \overline{TD} 40

PCN_{TB} 0.08"
 ΣPCN_{TB} 0.38"

THURSDAY 3 APRIL 1999

0700 EST

Met. University
General Obs.

Temp.		Wind		Barom.	
Max.	67 °F	Dir.	WSW	Temp.	78 °F
Min.	50 °F	Vel.	8 m.p.h.	Read.	28.73 in.
Set	58 °F	Char.	LGFT. BRZ	Corr.	28.59 in.
R.H.	48 %	24 hr. Mov.	M mi.	Sea L.	29.92 in.
Ppn.	— in.	Prev. Dir.	M	3 hr. Tend.	√ + .1 mb
Ppn.	— in.	Snow Depth	— in.	Observer	EMB

MOUNT CRAW ALSO 50°		
0700	1300	1900
Clds.	SKC	Clds. 3/10
Wx	GORGEOUS	Wx QUITE WARM!!
Vis.	25 mi.	Vis. 25 mi.

$C_{p0} 0$
 $\Sigma H_{p0} 76$
 $E C_{p0} 0$
 $\Sigma P_{cm} 0.36$
 $\Sigma P_{cm5} 0$

100015 60/36
T_{uvv} 58/31

T_w 50
T_d 38

P_{cm7B} 0.00^h
 $\Sigma P_{cm7B} 0.38$

ΣDD 6

C_{DD} 0

ΣH_{DD} 82

ΣC_{DD} 0

ΣPCN_L 0.50

ΣPCN_S 0

DAVIS 45/38
TUNN 47/34

T_w -
 T_d 48 *

PCN_{TB} 0.14"
 ΣPCN_{TB} 0.50"

Saturday 10 April 1999

0700 EST

Med. University
General Obs.

Temp.	Wind	Barom.	Temp.		General Obs.	
Max. 48 °F	Dir. NE		Temp. 76 °F	-RA 0830-850 LT	0.73" at 1430 (empty)	
Min. 34 °F	Vel. 2 m.p.h.	Read. 28.73 in.		-RA 850-1230 LT	0.52" at 0830	
Set 36 °F	Char. Steady	Corr. 28.59 in.		-RA 1230-1330 LT		
R.H. 67 %	24 hr. Mov. M mi.	Sea L. 29.98 in.		-RA 1705-1715 LT		
Ppn. 1.25 in.	Prev. Dir. M	3 hr. Tend. +4.5 mb		-RA 1715-1800 LT	0.00 LT	
Sol. - in.	Snow Depth - in.	Observer SML		-RA 1800-1830 LT		
				-RA 1830-1900 LT		
				-RA 1900-2100 LT		
				0700	1300	1900
				Clds. 1/10	Clds.	Clds. SKC
				Wx Cs	Wx	Wx NICE
				Wx beautiful morning	Vis.	Vis. 25 mi.
				Vis. 25 mi.		

C_{DD} 0
 ΣH_{DD} 106
 ΣC_{DD} 0
 ΣPCN_L 1.75
 ΣPCN_S 0

TRANS 39/26
TURV 36/25

T_w 30
 T_d 26

PCN_{TB} 1.15'
 ΣPCN_{TB} 1.67"

SUNDAY APRIL 11 1999

0700 EST

Meas. University General Obs.

Temp.	Wind	Barom.	-RA 0645 LT-OBS		
Max. 57 °F	Dir. ENE	Temp. 75 °F	+OUNT LOW 37		
Min. 36 °F	Vel. 3 m.p.h.	Read. 28.84 in.	DERIVED FROM T0 DAVIS		
Set 37 °F	Char. LIGHT	Corr. 28.71 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.10 in.	Clds. 10/10	Clds.	10/10 N _s
Ppn. .09 in.	Prev. Dir. M	3 hr. Tend. +.5	SE, AS	Wx	Wx
Sol. — in.	Snow Depth — in.	Observer EMB	-RA COLD RAW	Vis.	-DZ
			7 mi.		5 mi.

H₀₀ 18

C₀₀ 0

ΣH₀₀ 124

ΣC₀₀ 0

εPer₂ 1.84

ΣPer_s 0

DAVIS 36/31

TUNN 36/28

T₁₃₀

Per_{ts} .06

εPer_{ts} 1.73

Monday 12 April 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		45 °F	Dir.	NW	Temp.	74 °F	RA	085 - 1100 LT	
Min.		37* °F	Vel.	8 G20 m.p.h.	Read.	28.84 in.	-RA	1215 - 1245 LT	
Set		43 °F	Char.	gusty	Corr.	28.71 in.		1900 - 2230 LT	
R.H.		70 %	24 hr. Mov.	M mi.	Sea L.	30.08 in.	*Overnight low 39	0100 - 0230 LT	
Ppn.	Liq.	0.24 in.	Prev. Dir.	M	3 hr. Tend.	+3.5 mb	0700	1300	1900
Ppn.	Sol.	- in.	Snow Depth	- in.	Observer	AJD	Clds.	10/10	St
							Wx	dank	Clds. 2/10
							Wx	MUCH IMPROVED	Sc. Ci
							Wx	BREEZY	Clds. 3/10
							Vis.	25 mi.	Sc, Ci
							Vis.	25 mi.	
							Vis.	25 mi.	

I 41
H_{DD} 24
C_{DD} 0
EH_{DD} 148
EC_{DD} 0
ΣPCN_L 3.08
ΣPCN_S 0

T_{DAVIS} 41/35
T_{UNV} 42/32

T_w 40
T_d 35

PCN_{TP} 0.17
ΣPCN_{TP} 1.90

TUESDAY 13 APRIL 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. NW	Temp. 76 °F			
Min.	33 °F	Vel. 15630 m.p.h.	Read. 28.80 in.			
Set	36 °F	Char. GUSTY	Corr. 28.63 in.	* DERIVED FROM DAVIS		
				0700	1300	1900
R.H.	63 %	24 hr. Mov. M mi.	Sea L. 30.03 in.	Clds. C; 4/10	Clds. SKC	Clds. %
Ppn.	- in.	Prev. Dir. M	3 hr. Tend. -/+1 mb	Wx CHILLY START	Wx BREEZY	Wx mild, contrails
Ppn.	- in.	Snow Depth in.	Observer SRS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T 44

H_{DD} 21

C_{DD} 0

ΣH_{DD} 169

ΣC_{DD} 0

ΣPCN_L 2.08

ΣPCN_S 0

T DAVIS 36/24

T UNV 36/22

T_w -

T_D 24

PCN_{TB} 0

ΣPCN_{TB} 1.90

WEDNESDAY 14 APRIL 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	59 °F	Dir.	WNW	Temp.	70 °F			
Min.	35 °F	Vel.	20 m.p.h.	Read.	28.75 in.			
Set	42 °F	Char.	GUSTY	Corr.	28.62 in.	* DERIVED FROM DAVIS		
R.H.	35 %	24 hr. Mov.	M mi.	Sea L.	30.04 in.	0700	1300	1900
Clds.	0/10	Clds.	CLR	Clds.	SKC	Clds.	CLR	
Ppn.	-	Prev. Dir.	M	3 hr. Tend.	STEADY mb	Wx PLENTY O' SUNSHINE	Wx WARM, BUT WINDY	Wx cool & breezy
Ppn.	-	Snow Depth	- in.	Observer	SRS	Vis.	25 mi.	25 mi.
						Vis.	25 mi.	25 mi.

\bar{T} 47

H_{00} 18

C_{00} 0

ΣH_{00} 187

ΣC_{00} 0

ΣPCN_L 2.08

ΣPCN_S 0

T_{DAVIS} 42/16

T_{UNV} 39/17

$T_W -$

T_D^* 16

PCN_{TB} 0

ΣPCN_{TB} 1.90

Thursday 15 April 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
66 °F	W	74 °F				
Min.	Vel.	Read.				
40 °F	4 m.p.h.	28.74 in.				
Set	Char.	Corr.		0700	1300	1900
46 °F	light	28.61 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
52 %	M mi.	29.97 in.	10/10 Ci	10/10 Cs, As	9/10 ST	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
—	in.	M	+0.1 mb	Red sky in the morning	GREY + MILD	DAMP
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
—	in.	— in.	AJD	25 mi.	25 mi.	10 mi.

\bar{T} 53

H_{DD} 12

C_{DD} 0

ΣH_{DD} 199

ΣC_{DD} 0

ΣPCN_L 2.08

ΣPCN_S 0

T_{DAVIS} 47/25

T_{UNW} 46/21

T_w 42

T_a 32

PCN_{TB} 0

ΣPCN_{TB} 1.90

Friday 16 April 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. SSW	Temp. 74 °F	-RA 1630-1700 LT -RA, -DZ 2045-2315 LT 0100-0500 LT 0545-0835			
Min. 45 °F	Vel. 2 m.p.h.	Read. 28.37 in.				
Set 46 °F	Char. Steady	Corr. 28.24 in.				
R.H. 89 %	24 hr. Mov. M mi.	Sea L. 29.58 in.	0700 Clds. 10/10 ns	1300 Clds. 6/10 St, Sc	1900 Clds. 8/10 Sc, Cu, ns	
Ppn. Liq. 0.10 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx -DZ	Wx breezy	Wx cool	
Ppn. Sol. - in.	Snow Depth - in.	Observer SML	Vis. ~6 mi.	Vis. 25 mi.	Vis. 25 mi.	

\bar{T} 54

H_{DD} 11

C_{DD} 0

ΣH_{DD} 210

ΣC_{DD} 0

ΣPCN_L 2.18

ΣPCN_S 0

T_{DAVIS} 45/43

T_{UNV} 45/40

T_w 46

T_d 43

PCN_{TB} 0.08

ΣPCN_{TB} 1.98

Saturday 17 April 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 56 °F	Dir. SW	Temp. 74 °F		-DE OBS - 900 LT -SHRA SA 1340 - 1400 LT 50 kt pk wind +SHRA SA 1540 - 1600 LT 63 kt pk wind		
Min. 40 °F	Vel. 10 m.p.h.	Read. 28.45 in.		OCAL - SHRA 1800 - 400 LT -SHRA 400 LT - OBS		
Set 40 °F	Char. steady	Corr. 28.32 in.		0700	1300	1900
R.H. 82 %	24 hr. Mov. M mi.	Sea L. 29.67 in.		Clds. 10/10 n5	Clds.	Clds. 10/10 sc
Ppn. Liq. 0.04 in.	Prev. Dir. M	3 hr. Tend. +3 mb		Wx cold & damp	Wx	Wx GREY, COOL
Ppn. Sol. - in.	Snow Depth - in.	Observer SML		Vis. 20 mi.	Vis. mi.	Vis. 15 mi.

\bar{T} 48
 H_{DD} 17
 C_{DD} 0
 ΣH_{DD} 227
 ΣC_{DD} 0
 ΣPCN_L 2.22
 ΣPCN_S 0

T_{DAVIS} 40/35
 T_{UNV} 40/31

T_w 38
 T_d 35

PCN_{TB} wind contaminated
 ΣPCN_{TB} 1.98

SUNDAY 18 APRIL 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	46 °F	Dir.	W	Temp.	74 °F	OCNL -SHRA 10Z OBS-OBS		
Min.	40 °F	Vel.	8 m.p.h.	Read.	28.75 in.			
Set	43 °F	Char.	BREEZY	Corr.	28.62 in.	*OUNT LOW 41		
R.H.	72 %	24 hr. Mov.	M mi.	Sea L.	29.99 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	1.8 mb	Clds. 9/10 Sc, ACSL	Clds.	Clds. 4/10 Sc
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Wx ACSL W-S CHILLY	Wx	Wx nice
						Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T 43

T_{DAVIS} 42/34

T_d 34

H_{DO} 22

T_{UNV} 43/31

C_{DO} 0

Σ H_{DO} 249

Σ C_{DO} 0

Σ P_{W_e} 2.12

Σ P_{CR_S} 0

P_{CR_{T_B}} 0
Σ P_{CR_{T_B}} WIND CONTR

Monday 19 April 1979

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.	-DZ 0705 - OBS			
48 °F	WSW	75 °F				
Min.	Vel.	Read.				
35 °F	12 m.p.h.	29.19 in.				
Set	Char.	Corr.	0700	1300	1900	
41 °F	Steady	29.05 in.				
R.H.	24 hr. Mov.	Sea L.	Clds. Sc	Clds. Sc,	Clds. Sc	
86 %	M mi.	30.45 in.	10/10 A-	10/10 CB	4/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx -DZ	Wx	Wx	
0.01 in.	M	✓ +.2 mb	BKNVC	OCAU-SRA BKNVC	chilly	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
- in.	- in.	AJD	25 mi.	25 mi.	25 mi.	

\bar{T} 42
HDD 23
CDD 0
 Σ HDD 272
 Σ CDD 0
 Σ PCN_L 2.23
 Σ PCN_S 0

T_{DAVIS} 40/37
T_{UNV} 41/32

T_w 40
T_d 38

PCN_{TS} 0.01
 Σ PCN_{TD} wind contaminated

TUESDAY 20 APRIL 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. ENE	Temp. 76 °F		- SHRA OBS - 9AM OCCL SHRA 13:00 - 1500LT		
Min. 37 °F	Vel. 5 m.p.h.	Read. 28.80 in.		SHRA 16:30 - 16:45LT - RA 02:45 - OBS*		
Set 38 °F	Char. LIGHT	Corr. 28.66 in.		* FEW SNOW FLAKES MIXED IN		
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 30.05 in.	Clds. 10/10 NB	Clds. 10/10 SC, ST	Clds. Ac 6/10 CI	
Ppn. 0.38 in.	Liq. M	Prev. Dir. M	3 hr. Tend. STEADY mb	Wx - RA	Wx OCNL SHRA DE	Wx CRISP
Ppn. T in.	Sol. -	Snow Depth - in.	Observer SRS	Vis. 3 mi.	Vis. 20 mi.	Vis. 20 mi.

\bar{T} 414

H_{DD} 21

C_{DD} 0

ΣH_{DD} 293

ΣC_{DD} 0

ΣPCN_s 2.61

ΣPCN_s T

T DAVIS 38/37

T UNV 37/32

T_w -

$T_D 37^*$

PCN_{TB} 0.31
 ΣPCN_{TB}

* FROM DAVIS

WEDNESDAY 21 APRIL 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	50 °F	Dir.	SE	Temp.	76 °F	- OCLL SHRA OBS - 10:00LT			
Min.	36 °F	Vel.	3 m.p.h.	Read.	28.92 in.				
Set	39 °F	Char.	LIGHT	Corr.	28.78 in.				
R.H.	84 %	24 hr. Mov.	M mi.	Sea L.	30.17 in.	0700	1300	1900	
Clds.	8/10	Wx	CHILLY	Clds.	8/10	10/10	Sc, St	10/10	Sc, St
Ppn.	0.02 in.	Prev. Dir.	M	3 hr. Tend.	+1 mb	Wx	DULL	Wx	COOL
Ppn.	- in.	Snow Depth	- in.	Observer	SRS	Vis.	15 mi.	Vis.	20 mi.
						Vis.	20 mi.	Vis.	20 mi.

T 43

HDD 22

CDD 0

Σ HDD 315

Σ CDD 0

Σ PCN_L 2.63

Σ PCN_S T

T DAVIS 37/33

T UNV 36/31

TW-
* TD 33

* FROM DAVIS

PCN_{TB} 0.01
 Σ PCN_{TB}

Thursday 22 April 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. SW	Temp. 70 °F	TSRA 230 - 330 LT -RA 330 - 500 LT TSRA 600 - 630 LT			
Min. 39* °F	Vel. 6 m.p.h.	Read. 29.93 in.	* Overnight low 46			
Set 47 °F	Char. light	Corr. 28.81 in.	0700	1300	1900	
R.H. 87 %	24 hr. Mov. M mi.	Sea L. 30.17 in.	Clds. Ac 10/10 Sc.	Clds. S/10 Cu, Ci, ACCAS	Clds. ^{cu} 8/10 ci	
Ppn. 0.43 in.	Liq. Prev. Dir. M	3 hr. Tend. /+9 mb	Wx BKNVC light fog	Wx Hazy, CALM, VERY WARM	Wx Pleasant	
Ppn. - in.	Sol. Snow Depth - in.	Observer AJD	Vis. ~2 mi.	Vis. 8 mi.	Vis. 15 mi.	

\bar{T} 47

H_{PD} 18

C_{PD} 0

ΣH_{PD} 333

ΣC_{PD} 0

ΣPCN_L 3.06

ΣPCN_S T

T_{DAYS} 47/47

T_{UNV} 46/41

T_w 48

T_d 46

PCN_{TD} 0.41
 ΣPCN_{TB} -

Friday 23 April 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. calm	Temp. 68 °F	-RA 758 LT- OBS			
Min. 47 * °F	Vel. - m.p.h.	Read. 28.64 in.				
Set 53 °F	Char. -	Corr. 28.52 in.	*MOUNT LOW 52			
			0700	1300	1900	
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 29.84 in.	Clds. 10/10 NS	Clds. 10/10 NS	Clds. 10/10 NS	
Ppn. T in.	Prev. Dir. M	3 hr. Tend. -0.0 mb	Wx -RA, fog	Wx DE, fog	Wx -DE, fog	
Ppn. - in.	Snow Depth - in.	Observer SML	Vis. ~2 mi.	Vis. ~1 mi.	Vis. 4 mi.	

\bar{T} 63

H_{DD} 2

C_{DD} 0

ΣH_{DD} 335

ΣC_{DD} 0

ΣPCN_L 3.06

ΣPCN_S T

T_{DAVIS} 53/48

T_{UNV} 52/45

T_w 51

T_d 48

PCN_{TB} 0.41
 ΣPCN_{TB} -

Saturday 24 Apr. 1 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 54 °F	Dir. N	Temp. 75 °F				- RA OBS - 1230 LT DR 1230 - 1415 LT - RA, RA 1415 - 1600 LT TSRA 1600 - 1615 LT GS 1605 - 1610 - RA, RA 1615 - 1650 LT DR, DR 1650 - 2100 LT *Derived from Davis		
Min. 31 °F	Vel. 4 m.p.h.	Read. 29.03 in.						
Set 35 °F	Char. Steady	Corr. 28.91 in.				0700	1300	1900
R.H. 50 %	* 24 hr. Mov. M mi.	Sea L. 30.32 in.			Clds. 2/10 Ci	Clds. .		Clds. CLR
Ppn. 0.65 in.	Liq. in.	Prev. Dir. M		3 hr. Tend. /+4 mb	Wx Sunny, but chilly	Wx		Wx Few Ci, Chilly
Ppn. - in.	Sol. in.	Snow Depth - in.		Observer SML	Vis. 25 mi.	Vis. mi.		Vis. 25 mi.

\bar{T} 43

H_{DD} 22

C_{DD} 0

ΣH_{DD} 357

ΣC_{DD} 0

ΣPCN_L 3.71

ΣPCN_S T

T_{DAVIS} 36/18

T_{UNV} 36/16

T_w -

T_d 18*

PCN_{TB} 0.61

ΣPCN_{TB} -

SUNDAY 25 APRIL 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. —	Temp. 74 °F			
Min.	30 °F	Vel. 0 m.p.h.	Read. 29.11 in.			
Set	36 °F	Char. CALM	Corr. 28.98 in.	* USED TO DAVIS		
				0700	1300	1900
R.H.	59 %	24 hr. Mov. M mi.	Sea L. 30.39 in.	Clds. SKC	Clds.	Clds. % 10
Ppn.	0 in.	Prev. Dir. M	3 hr. Tend. / +1 mb	Wx COLD	Wx	Wx mild
Ppn.	0 in.	Snow Depth 0 in.	Observer EMB	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

\bar{T} 45

H_{00} 20

C_{00} 0

ΣH_{00} 377

ΣC_{00} 0

ΣP_{CN_2} 3071

ΣP_{CN_5} T

T_{000} 34/20

T_{0015} 37/24

T_0^* 24

$P_{CN_2} \phi$

ΣP_{CN_2} W.C.

Monday 26 April 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SSW	Temp. 77 °F				
Min. 36 °F	Vel. 6 m.p.h.	Read. 29.11 in.				
Set 48 °F	Char. light	Corr. 28.97 in.	* Overnight low 38			
			0700	1300	1900	
R.H. 59 %	24 hr. Mov. M mi.	Sea L. 30.34 in.	Clds. Ci 2/10	Clds. Ci 4/10	Clds. Ci, Sc 5/10	
Ppn. —	Liq. in.	Prev. Dir. M	3 hr. Tend. +2 mb	Wx beautiful	Wx breezy + warm	Wx cool breeze
Ppn. —	Sol. in.	Snow Depth — in.	Observer AJD	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} 50

H_{DD} 15

C_{DD} 0

ΣH_{DD} 392

ΣC_{DD} 0

ΣPCN_L 3.71

ΣPCN_S T

T_{OWN} 43/25

T_{DAYS} 49/26

T_w 44

T_d 37

PCN_{TD} —

ΣPCN_{TD} —

TUESDAY 27 APRIL 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	71 °F	Dir.	N	Temp.	76 °F			
Min.	42 °F	Vel.	3 m.p.h.	Read.	28.90 in.			
Set	43 °F	Char.	LIGHT	Corr.	28.76 in.			
R.H.	51 %	24 hr. Mov.	M mi.	Sea L.	30.15 in.	0700	1300	1900
Clds.	1/10	Clds.	4/10	Clds.	5/10			
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	+2 mb	Wx	Wx	Wx
						BRIGHT	VERY	NICE
						SUNSHINE	PLEASANT	
Ppn.	- in.	Snow Depth	- in.	Observer	SRS	Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

T 57

HDD 8

CDD 0

Σ HDD 400

Σ CDD 0

Σ PCNL 3.71

Σ PCNS T

TUNV 42/25

T DAVIS 43/27

TW-
*T DZ7

PCN/B -

* FROM DAVIS

WEDNESDAY 28 APRIL 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	°F	Dir.		Temp.	°F			
64		NNE		77				
Min.	* °F	Vel.		Read.				
43		7	m.p.h.	29.00	in.			
Set	°F	Char.		Corr.		* OVERNIGHT MIN 45		
47		light		28.86	in.	0700	1300	1900
R.H.	%	24 hr. Mov.	mi.	Sea L.		Clds. Ci	Clds. Cu	Clds.
48		M		30.21	in.	8/10	4/10 Ci	3/10 Cu, Ci
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx A	Wx	Wx
-	in.	M		+2	mb	cool morning	SPLENDID	cool & calm
Ppn.	Sol.	Snow Depth		Observer		Vis.	Vis.	Vis.
-	in.	-	in.	SRS		25 mi.	25 mi.	25 mi.

\bar{T} 54

H_{DD} 11

C_{DD} 0

ΣH_{DD} 411

ΣC_{DD} 0

ΣPCN_L 3.71

ΣPCN_S T

T_{DAVIS} 48/30

T_{UNV} 44/29

$T_w -$
 $*T_D$ 30

$PCN_{TO} -$

* FROM DAVIS

Thursday 29 April 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	65 °F	Dir.	NE	Temp.	76 °F			
Min.	41 °F	Vel.	10 m.p.h.	Read.	29.00 in.			
Set	46 °F	Char.	light	Corr.	28.86 in.			
R.H.	60 %	24 hr. Mov.	M mi.	Sea L.	30.23 in.	0700	1300	1900
Ppn.	- in.	Prev. Dir.	M	3 hr. Tend.	+1.4 mb	Clds. 10	Clds. SKC	Clds. 2/10 Sc
Ppn.	- in.	Snow Depth	- in.	Observer	AJD	Wx bright	Wx FEW CI DSNT N	Wx A pleasant BREEZE
						Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} 53

T_{UNV} 41/27

T_w 42

H_{DD} 12

T_{PAV15} 47/30

T_a 35

C_{DD} 0

ΣH_{DD} 423

ΣC_{DD} 0

ΣPCN_L 3.71

ΣPCN_S T

PCN_{TD} -

Friday 30 April 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. NE	Temp. 69 °F			
Min.	40 °F	Vel. 2 m.p.h.	Read. 29.02 in.			
Set	47 °F	Char. Steady	Corr. 28.90 in.			
R.H.	52 %	24 hr. Mov. M mi.	Sea L. 30.27 in.	0700 Clds. CLR	1300 Clds. 1/10 CU	1900 Clds. CLR
Ppn.	Liq. - in.	Prev. Dir. M	3 hr. Tend. /+2.5 mb	Wx beautiful	Wx Sunny & mild	Wx a bit cool
Ppn.	Sol. - in.	Snow Depth - in.	Observer SML	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} 53

H_{DD} 12

C_{DD} 0

ΣH_{DD} 435

ΣC_{DD} 0

ΣPCN_L 3.71

$\Sigma PCN_s T$

T_{UNV} 45/27

T_{DAVIS} 47/28

T_w 40

T_d 30

APRIL SUMMARY

$\bar{T}_{MAX} = 60.4$ $\bar{T}_{APRIL} = 50.30$

$\bar{T}_{MIN} = 40.2$

PCN_{TB} -

ΣPCN_{TB} (WIND-CONTAMINATED)