

SATURDAY APRIL 11, 2008 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. W	Temp. 76 °F			
Min.	28 °F	Vel. 1 m.p.h.	Read. 29.08 in.			
Set	37 °F	Char. VEERY LIGHT	Corr. 28.94 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov. — mi.	Sea L. 30.34 in.	Clds. 1/10 Ci	Clds.	Clds. AC 7/10 AS
Ppn.	0.00 in.	Prev. Dir. —	3 hr. Tend. 1+1 mb	Wx COLD	Wx	Wx mild
Ppn.	0.0 in.	Snow Depth 0 in.	Observer ARD	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$$T = 43$$

$$H_{DP} = 22$$

$$\sum C_{DP} = 0$$

$$\sum H_{DP} = 22$$

$$\sum C_{DP} = 0$$

$$\sum PCN_L = 0.00$$

$$\sum PCN_S = 0.0$$

$$T_{DAYS} = 4/25$$

$$T_{UNV} = 37/23$$

$$T_W = 33$$

$$T_D = 27$$

$$PCN_{TB} = 0.00$$

$$\sum PCN_{TB} = 0.00$$

Sunday 2 April 2000
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	68 °F	Dir.	WSW	Temp.	*overnight low 49°F		
Min.	37 °F	Vel.	6 m.p.h.	Read.	-02 04 LT-OB occasional		
Set	53 °F	Char.	light	Corr.	0700	1300	1900
R.H.	64 %	24 hr. Mov.	M mi.	Sea L.	Clds.	Clds.	Clds.
				30.17 in.	10/10 AS		10/10 NS
Ppn.	T in.	Prev. Dir.	M	3 hr. Tend.	Wx	Wx	Wx
				+1 mb	-02		-02
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	Vis.	Vis.	Vis.
				MAW	25 mi.	mi.	5 mi.

F: 53
HDD: 12
CDD: 0
 Σ HDD: 34
 Σ CDD: 0
 Σ PCN_e: T
 Σ PCN_s: 0.00

T DAVIS: 55/39 Tw: 47
T UNU: M : T_D: 41

PCNTB: 0.00
 Σ PCNTB: 0.00



Monday April 3 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	59 °F	Dir.	SW	Temp.	78 °F	06 - 13:00LT - 02 15:30 - 16:30LT - 02 17:00 - 20:30LT - 02 21:00 - 5:00LT - 02 * OVN LOW 54		
Min.	53 ⁺ °F	Vel.	1 m.p.h.	Read.	29.73 in.	} ocl - RA		
Set	56 °F	Char.	124T	Corr.	28.59 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov.	M mi.	Sea L.	29.94 in.	Clds.	Clds. SC CU 10/10 CI	Clds. AS NS 10/10 NS
Ppn.	0.03 in.	Prev. Dir.	M	3 hr. Tend.	-0 mb	Wx	Wx muggy WARM	Wx VERA WARM/HUMID
Ppn.	0 in.	Snow Depth	0 in.	Observer	APU	Vis.	10 mi.	Vis. 25 mi. 25 mi.

T: 55

H₀₀: 10

L₀₀: 0

Σ H₀₀: 44

Σ L₀₀: 0

T₀₀: 55/54

T₀₀: 55/53

T₀: 56

T₀: 57

Σ PCN_a: 0.03

Σ PCN_s: 0

PCN_B: 0.04

Σ PCN_{T_B}: 0.04

TUESDAY APRIL 4, 2000 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	SW	Temp.	80 °F	+SHRA 18-55-1945 LT		
Min.	54 °F	Vch.	4 m.p.h.	Read.	28.30 in.	-RA 21:00 - 1:30 LT -RA 1:30 - 2:30 LT -RA 2:30 - 6:00 LT		
Sea.	54 °F	Char.	STEADY	Surf.	28-16 in.	0700	1300	1900
R.H.	62 %	24 hr. Mov.	— mi.	Sea L.	29.47 in.	Clds.	9 SC	Clds.
Ppn.	0.74 in.	Prev. Dir.	—	3 hr. Tend.	+0.1 mb	Wx	VCRA MILD	Wx
Ppn.	0 in.	Snow Depth	0 in.	Observer	ARD	Vis.	25 mi.	Vis.
								15 mi.

Clds. As
7/10
Cn

Wx
Covl

$$T = 63$$

$$H_{DD} = 2$$

$$C_{DD} = 0$$

$$\Sigma H_{DD} = 46$$

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

$$\Sigma PCN_L = 0.77$$

$$\Sigma PCN_S = 0$$

$$T_{PAVIS} = 54/53 \quad T_W = 51$$

$$T_{UNV} = 54/52 \quad T_D = 49$$

$$PCN_{TB} = 0.68$$

$$\Sigma PCN_{TB} = 0.72$$

Wednesday April 5 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 55 °F	Dir. W	Temp. 76 °F		8:30 - 9:30 LT SHRA ~ 3:30 - 5 HR				
Min. 29 °F	Vel. 15 m.p.h.	Read. 28.66 in.		~ 15:30 - 16:00 LT SHRA 4:45 - 5:15 SHSN ~ 7:30 LT - SHSN				
Set 30 °F	Char. Variable	Corr. 28.53 in.		0700	1300	1900		
R.H. 70 %	24 hr. Mov. N mi.	Sea L. 29.96 in.		Clds. 8/16 SC	Clds. SC 9/10 LU	Clds. Cs 9/10 Ac		
Ppn. 0.07 in.	Liq. in.	Prev. Dir. N		3 hr. Tend. +2 mb	Wx cold	Wx Windy cold!	Wx COLD	
Ppn. T in.	Sol. in.	Snow Depth T in.		Observer A011	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

\bar{T}_i : 42

T_{Davis} : 30/21

T_{w} : 17

T_o : 81°

H_{OD} : 23

T_{w} : 30/17

* from Davis

C_{OD} : 6

ΣH_{OD} : 67

ΣC_{OD} : 0

ΣPLN_L : 0.87

PLN_{T_0} : 0.04

ΣPLN_S : T

ΣPLN_{T_0} : 0.76

THURSDAY APRIL 5 2000

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	47 °F	Dir.	SW	Temp.	78 °F	* OVERNIGHT LOW = 38		
Min.	30* °F	Vel.	5 m.p.h.	Read.	28.45 in.	- SHSN 8:30-10:00LT		
Set	46 °F	Char.	GUSTY	Corr.	28.31 in.	SHSN 9:15-9:30LT		
R.H.	47 %	24 hr. Mov.	— mi.	Sea L.	29.66 in.	0700	1300	1900
Ppn.	0.02 in.	Prev. Dir.	—	3 hr. Tend.	-2.0 mb	Clds. CB CU	Clds. CU	Clds. CE
Ppn.	T in.	Snow Depth	0 in.	Observer	ARD	5/10 AC	1/10 CI	3/10 AE
						Wx VCSH	Wx WINDY	Wx MILD
						DE MOVE		
						Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T} = 39$

$H_{DP} = 26$

$C_{DP} = 0$

$\Sigma H_{DP} = 94$

$\Sigma C_{DP} = 0$

$\Sigma PCNL = 0.86$

$\Sigma PCN_{\Sigma} = T$

$T_{DAVIS} = 47/25$

$T_{UNV} = 43/28$

$TW = 38$

$T_0 = 27$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.76$

FRIDAY 7 APRIL 2000 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max 68 °F	Dir. S	Temp. 77 °F	-SHAA ~0815 LT AURORA 2000-2130 PKGWT 54 mph			
Min. 36 °F	Vel. 2 m.p.h.	Read. 28.80 in.				
Set 40 °F	Char. LIGHT	Corr. 28.66 in.	0700	1300	1900	
R.H. 76 %	24 hr. Mov. - mi.	Sea L. 30.04 in.	Clds. -Cs 9/10 Cc	Clds. AS 10/10 AS	Clds. Cs 9/10 Cs	
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. +2.0 mb	Wx -H2	Wx DULL	Wx CANNON E WILD	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WTS	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 52$$

$$H_{20} = 13$$

$$\sum H_{10} = 107$$

$$\sum PCN_L = 0.86$$

$$\sum PCN_S = T$$

$$T_{\text{avg}} = 41/34$$

$$T_{\text{uni}} = 39/32$$

$$T_{\omega} = 37$$

$$T_{\sigma} = 33$$

$$PCN_{T0} = 0.00$$

$$\sum PCN_{T0} = 0.76$$

SATURDAY

APRIL 8, 2006
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. SE	Temp. 76 °F	* OVER NIGHT LOW = 43			
Min. 40* °F	Vel. 1 m.p.h.	Read. 28.4 in.				
Sea 45 °F	Char. LIGHT	Corr. 28-28	0700	1300	1900	
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.63 in.	Clds. 5/10 Ci AC CS AS	Clds.	Clds. CU 10/10 SC	
Ppn. 0.00 in.	Liq. —	Prev. Dir. —	3 hr. Tend. -1/2 mb	Wx COLD	Wx breezy	
Ppn. 0.0 in.	Sol. 0 in.	Snow Depth 0 in.	Observer ARD	Vis. 15 mi.	Vis. 15 mi.	

$$\bar{T} = 47$$

$$H_{DD} = 18$$

$$C_{DD} = 0$$

$$\Sigma H_{DD} = 125$$

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

$$\Sigma PCNL = 0.85$$

$$\Sigma PCNS = T$$

$$T_{OAVS} = \frac{46}{40} \quad T_W = 42$$

$$T_{UNV} = \frac{47}{37} \quad T_D = 38$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 0.76$$

Sunday 9 April 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	65 °F	Dir.	WNW	Temp.	74 °F	+RA 1300-1730 LT		
Min.	27 °F	Vel.	28 m.p.h.	Read.	28.65 in.	-RA 1730-1930 LT		
Set	29 °F	Char.	gusty	Corr.	28.52 in.	-SNRA ~0000-0100 LT		
R.H.	47 %	24 hr. Mov.	M mi.	Sea L.	29.93 in.	0700	1300	1900
Ppn.	0.59 in.	Prev. Dir.	M	3 hr. Tend.	-0 mb	Clds. AS	Clds.	Clds.
						7/10 CI		10/10 ST
Ppn.	.8 in.	Snow Depth	T in.	Observer	MAW	Wx breezy	Wx	Wx
						cold icy		(evl)
						Vis.	Vis.	Vis.
						25 mi.	mi.	75 mi.

$\bar{T}: 46$

HOB: 19

COD: 0

$\Sigma HOD: 144$

$\Sigma COD: 0$

$\Sigma PCN_1: 1.45$

$\Sigma PCN_5: .8$

T DAVIS: 28/11

Tw: M

TUNU: 28/12

T_D: 11

$PCN_{TB}: 0.64$

$\Sigma PCN_{TB}: 1.40$

Monday 10 April 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	48 °F	Dir.	W	Temp.	73 °F	SMNH 17:00 - 19:00 LT		
Min.	29 °F	Vel.	12 m.p.h.	Read.	28.95 in.			
Set	34 °F	Char.	constant	Corr.	28.82 in.	+0.13 in. 33		
R.H.	60 %	24 hr. Mov.	N mi.	Sea L.	30.77 in.	Clds.	7/10 Cu	Clds. CU 2/10 CI 3/10 CS
Ppn.	T in.	Prev. Dir.	N	3 hr. Tend.	1/3 mb	Wx	col	Wx chilly breezy
Ppn.	T in.	Snow Depth	0 in.	Observer	A04	Vis.	25 mi.	Wx CHILLY WINDY

$\bar{T}: 39$

$H_{00}: 26$

$L_{00}: 0$

$\Sigma H_{00}: 170$

$\Sigma L_{00}: 0$

$\Sigma PLN_A: 1.45$

$\Sigma PLN_B: 0.8$

$T_{Davis}: 34/22$

$T_{unv}: 33/21$

T_{win}

$T_B: 22^*$

$t_{from Davis}$

$PLN_{T_B}: 0.00$

$\Sigma PLN_{T_B}: 1.40$

TUESDAY APRIL 11, 2000 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 51 °F	Dir. ESE	Temp. 71 °F		OVERNIGHT - SN 6:00 - 7:30 LT - RAPL 7:35 - 8:00		
Min. 32* °F	Vel. 3 m.p.h.	Read. 29.12 in.		* OVERNIGHT LOW = 38		
Set 39 °F	Char. STEADY	Corr. 28.99 in.		0700	1300	1900
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. 10% NS AS	Clds.		Clds. 10/10 NS
Ppn. T in.	Liq. —	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx - SNRAPL	Wx	Wx - RA
Ppn. T in.	Sol. —	Snow Depth 0 in.	Observer ARD	Vis. 20 mi.	Vis. — mi.	Vis. 15 mi.

$$\bar{T} = 42$$

$$H_{11} = 23$$

$$C_{11} = 0$$

$$\sum H_{11} = 193$$

$$\sum C_{11} = 0$$

$$\sum PCN_{11} = 1.45$$

$$\sum PCN_{12} = 0.8$$

$$T_{DAVIS} = 38/28 \quad T_W = 36$$

$$T_{UNU} = 37/27 \quad T_D = 32$$

$$PCN_{TB} = 0.00$$

$$\sum PCN_{TB} = 1.40$$

Wednesday, April 17, 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 48 °F	Dir. NW	Temp. 74 °F		8:00 - 8:30 AM - SN 12:30 - 1:00 PM - RA 20:30 - 22:30 PM - RA 00:15 - 1:00 AM - RA 7:20 - 7:55 - SN				
Min. 35 °F	Vel. 10 m.p.h.	Read. 29.10 in.						
Set 35 °F	Char. constant	Corr. 24.97 in.		0700	1300	1900		
R.H. 72 %	24 hr. Mov. M mi.	Sea L. 30.38 in.		Clds. 10/10 +	Clds. 8/10 ST	Clds. 9/10 SC		
Ppn. Liq. 0.05 in.	Prev. Dir. M	3 hr. Tend. +3 mb		Wx cool	Wx chilly	Wx cold		
Ppn. Sol. T in.	Snow Depth 0 in.	Observer A012		Vis. 20 mi.	Vis. 20 mi.	Vis. 25 mi.		

$\bar{T} : 42$

$H_{00} : 23$

$L_{00} : 0$

$\Sigma H_{00} : 216$

$\Sigma L_{00} : 0$

$T_{00} : 35/27$

$T_{00} : 35/26$

$T_{00} : 35/27$

$T_{00} : 27^t$

+ from 000)

$\epsilon PCNB : 1.50$

$\epsilon PCNS : 0.8$

$PCNB : 0.03$

$\Sigma PCNB : 1.43$

THURSDAY APRIL 13, 2000

0700 EST
 Meteorological Observatory
 University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	44 °F	Dir.	ENE	Temp.	73 °F	OCCNL - SN OBS - 1145LT			
Min.	25 °F	Vel.	3 m.p.h.	Read.	29.36 in.				
Set	32 °F	Char.	LIGHT	Corr.	29.23 in.	0700	1300	1900	
R.H.	80 %	24 hr. Mov.	— mi.	Sea L.	30.66 in.	Clds.	1/10 CI (SOUTH)	Clds.	4/10 CI
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	+1 mb	Wx	VERY COLD	Wx	Nice
Ppn.	T in.	Snow Depth	0 in.	Observer	ARD	Vis.	20 mi.	Vis.	25+ mi.
						Vis.	20 mi.	Vis.	20 mi.

$$\bar{T} = 35$$

$$H_{DD} = 30$$

$$C_{DD} = 0$$

$$\Sigma H_{DD} = 246$$

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

$$\Sigma PCN_L = 1.50$$

$$\Sigma PCN_S = 0.8$$

$$T_{DAVIS} = \frac{34}{23} \quad T_W = 30$$

$$T_{UNV} = \frac{30}{21} \quad T_D = 27$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 1.43$$

Friday April 14, 2000 0700 EST

Meteorology
University Park, PA

General Obs.

Temp.		Wind		Barom.		Actual ovnt low 39°			
Max.	52 °F	Dir.	WSW	Temp.	75 °F				
Min.	32 °F	Vel.	3 m.p.h.	Read.	29.13 in.	- FG in valley			
Set	40 °F	Char.	calm	Corr.	28.99 in.	0700	1300	1900	
R.H.	55 %	24 hr. Mov.	M mi.	Sea L.	30.30 in.	Clds.	0/10	Clds.	4/10 C:
Ppn.	0.00 in.	Prev. Dir.	M	3 hr. Tend.	-0 mb	Wx	bright	Wx	nic
Ppn.	0 in.	Snow Depth	0 in.	Observer	PLD	Vis.	20 mi.	Vis.	25 mi.

H_{DB} = 23

Σ C_{DB} = 0

Σ H_{DB} = 230

Σ C_{DB} = 0

Σ PCN₂ = 1.50

Σ PCN₃ = .8

150000 40/85
T_{unv} 37/21

T_w M
T_D 25

PCN_{TE} 0.00
Σ PCN_{TE} 1.43

SATURDAY APRIL 19, 2008 0700 EST Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. SSW	Temp. 76 °F	*OVERNIGHT LOW: 48			
Min. 39* °F	Vel. 1 m.p.h.	Read. 29.02 in.				
Set. 53 °F	Char. LIGHT	Corr. 28.98 in.	0700	1300	1900	
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.23	Clds. SC AC 10/10	Clds.	Clds. AS 5/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx COOL	Wx	Wx mild pleasant	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ARD	Vis. 15 mi.	Vis. mi.	Vis. 10 mi.	

$$\bar{T} = 52$$

$$H_{OP} = 13$$

$$C_{OP} = 0$$

$$\Sigma H_{OP} = 282$$

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

$$\Sigma PCNL = 1.50$$

$$\Sigma PCNS = 0.8$$

$$T_{PAVIS} = 52/46$$

$$T_{UNV} = 48/43$$

$$T_W = 48$$

$$T_0 = 43$$

$$PCNTB = 0.00$$

$$\Sigma PCNTB = 1.43$$

Sunday 16 April 2000
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	S	Temp.	78 °F	contrails		
Min.	51 °F	Vel.	2 m.p.h.	Read.	28.90 in.			
Set	55 °F	Char.	light	Corr.	28.76 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov.	M mi.	Sea L.	30.20 in.	Clds. CI 4/10 AC cs	Clds.	Clds. 7/10 As
Ppn.	0.00 in.	Prev. Dir.	M	3 hr. Tend.	+1 mb	Wx foggy mild	Wx	Wx warm
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	MAW	Vis.	2 mi.	Vis. 2.5 mi.

\bar{T} : 63
HDD: 2
WDD: 0
 Σ HDD: 284
 Σ CDD: 0
 Σ PCN_L: 1.50
 Σ PCN_S: 0.8

TUNV: 52/48 Tw: 54
T_{DAVIS}: 55/54 T_O: 53

PCN_{TB}: -0.00
 Σ PCN_{TB}: 1.43

Monday 17 April 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 80 °F	Dir. N	Temp. 74 °F	430-6100L TSKA 6100-06L -RA TO -DZ					
Min. 44 °F	Vel. 5 m.p.h.	Read. 28.91 in.						
Set 44 °F	Char. variable	Corr. 28.77 in.	0700			1300		1900
R.H. 93 %	24 hr. Mov. N mi.	Sea L. 30.14 in.	Clds. 10/10 NS	Clds. 10/10 NS	Clds. SC 10/10 TS			
Ppn. Liq. 0.35 in.	Prev. Dir. N	3 hr. Tend. -0 mb	Wx -02	Wx breezy -DZ		Wx -DZ VCSHRA		
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer ADH	Vis. 15 mi.	Vis. 6 mi.		Vis. 10 mi.		

$\bar{T}: 62$

$H_{\text{no}}: 3$

$C_{\text{no}}: 0$

$\Sigma H_{\text{no}}: 287$

$\Sigma C_{\text{no}}: 0$

$\Sigma PLN_{\text{no}}: 1.85$

$\Sigma PLN_{\text{s}}: 0.8$

$T_{\text{min}}: 42/40$

$T_{\text{max}}: 45/43$

$T_{\text{w}}: 44$

$T_{\text{b}}: 44$

$PLN_{\text{t}}: 0.35$

$\Sigma PLN_{\text{t}}: 1.78$

TUESDAY APRIL 18, 2000
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max 47 °F	Dir NE	Temp. 76 °F	- 02 OBS - 8 - 15 LT - SHRA ~ 9:00 LT - SHRA 11:00 - 12:00 LT - SHRA 4:00 - 17:45 LT - RA 6:00 LT - OBS					
Min 39 °F	Vel. 2 m.p.h.	Read. 28.88 in.						
Set 39 °F	Char. STEADY	Corr. 28.74 in.						
R.H. 95 %		24 hr. Mov. — mi.	Sea L. 30-13 in.	Clds. 10/10	Clds. 10/10 NS	Clds. 10/10 NS		
Ppn. 0.37 in.	Liq. —	Prev. Dir. —	3 hr. Tend. 1 + 3/4 mb	Wx -RA FG	Wx -RA FG	Wx -02		
Ppn. 0.0 in.	Sol. —	Snow Depth 0 in.	Observer ARD	Vis. 2 mi.	Vis. 2 mi.	Vis. 5 mi.		

$$\bar{T} = 43$$

$$H_{00} = 22$$

$$C_{01} = 0$$

$$\Sigma H_{00} = 309$$

$$\Sigma C_{01} = 0$$

$$\Sigma PCN_{\Delta} = 2.22$$

$$\Sigma PCN_{\delta} = 0.8$$

$$T_{UNV} = 39/37 \quad T_W = 38$$

$$T_{DAVIS} = 40/39 \quad T_D = 37$$

$$PCN_{TB} = 0.28$$

$$\Sigma PCN_{TB} = 2.06$$

Wednesday April 17, 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max. 43 °F	Dir. NE	Temp. 77 °F	Obs - 18:30 LT - RA 18:30 - 21:00 - 02						
Min. 39 °F	Vel. 7 m.p.h.	Read. 28.95 in.	FO in Valls * ONL 41°						
Set 43 °F	Char. light	Corr. 28.91 in.	0700	1300	1900				
R.H. 85 %	24 hr. Mov. M mi.	Sea L. 30.18 in.	Clds. 1/10 St	Clds. SC 9/10 CU	Clds. AC 1/10 AS				
Ppn. 0.56 in.	Liq. in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx Coul	Wx pleasant Mild	Wx MILD			
Ppn. 0 in.	Sol. in.	Snow Depth 0 in.	Observer AB14	Vis. 5 mi.	Vis. 25 mi.	Vis. 15 mi.			

$T: 41$

$T_{unv}: 42/39$

$T_c: 213$

$H_{op}: 24$

$T_{env}: 43/41$

$T_0: 42$

$L_{op}: 0$

$\Sigma H_{op}: 333$

$\Sigma L_{op}: 0$

$\Sigma PCW_e: 2.78$

$\Sigma PCW_s: 0.8$

$PCW_{T_0}: 0.46$

$\Sigma PCW_{T_0}: 2.52$

THURSDAY APRIL 20, 2000
 0700 EST
 Meteorological Observatory
 University Park, PA

Temp.			Wind	Barom.	General Obs.								
Max.	50 °F	Dir.	ENE	Temp.	78 °F	* OVERNIGHT LOW = 40 LIGHT VALLEY FOG							
Min.	43* °F	Vel.	2 m.p.h.	Read.	28.87 in.								
Set	51 °F	Char.	STEADY	Corr.	28.73 in.	0700	1300	1900					
R.H.	90 %	24 hr. Mov.	— mi.	Sea L.	30.08 in.	Clds.	AS 10% AC	Clds.	AS 10% AS	Clds.	AS 8/10 AS		
Ppn.	0.00 in.	Liq.	— in.	Prev. Dir.	—	3 hr. Tend.	-1 1/4 mb	Wx	HZ	Wx	DULL	Wx	COOL + HOZY
Ppn.	0.0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	APP	Vis.	6 Δ mi.	Vis.	20 mi.	Vis.	5 mi.

$$\bar{T} = 52$$

$$H_{op} = 13$$

$$C_{pd} = 0$$

$$\Sigma H_{op} = 346$$

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

$$\Sigma PCN_L = 2.78$$

$$\Sigma PCN_S = 0.8$$

$$T_{UNV} = 48/45$$

$$T_W = 48$$

$$T_{DAVIS} = 5/48$$

$$T_D = 45$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN_{TB} = 2.52$$

Friday 21 April 2000

Meteorological Observatory
University Park, PA

0700 EST

Temp.		Wind		Barom.		General Obs.			
Max.	63 °F	Dir.	E	Temp.	78 °F	-DZ 0930 - 1005 -TSRA 0515 - 0615 -RA 0615 - 0830			
Min.	49 °F	Vel.	1 m.p.h.	Read.	28.50 in.				
Set	49 °F	Char.	calm	Corr.	28.30 in.	0700	1300	1900	
R.H.	100 %	24 hr. Mov.	M mi.	Sea L.	29.70 in.	Clds.	10/10 NS	Clds.	10/10 St
Ppn.	.37 in.	Prev. Dir.	M	3 hr. Tend.	41 mb	Wx	-RA	Wx	Dull
Ppn.	0.0 in.	Snow Depth	- in.	Observer	PLD	Vis.	5 mi.	Vis.	6 mi.
								Vis.	6 mi.

$\bar{T}: 5/6$

$H_{DB}: 9$

$C_{DB}: 0$

$T_{DAVIS} 49/48$

$T_{UNV} 50/50$

$T_w: M$

$T_D: 48^*$

*from Davis

$\sum H_{DB}: 355$

$\sum C_{DB}: 0$

$\sum PCN_L: 3.15$

$\sum PCN_S: .80$

$PCN_{TB}: .34$

$\sum PCN_{TB}: 2.49$

Saturday 22 April 2000 Meteorological Observatory
 0700 EST University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. WSW	Temp. 76 °F	RA 0800 - 08 LT (intermittent)		
Min.	44 °F	Vel. 6 m.p.h.	Read. 28.50 in.			
Set	45 °F	Char. Variable	Corr. 28.36 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov. M mi.	Sea L. 29.78 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 NS
Ppn.	Liq. 0.52 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx RA	Wx	Wx -DZ
Ppn.	Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 6 mi.

\bar{T} : 49
HDD: 16
COD: 0
 Σ HDD: 371
 Σ CDD: 0
 Σ PCN_p: 3.67
 Σ PCN_s: .80

T_{UNU} : 45/42 T_w : 45
 T_{OAVIS} : 44/44 T_D : 45

PCN_{TB} : 0.42
 ΣPCN_{TB} : 2.91

Sunday 23 April 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	49 °F	Dir.	NNW	Temp.	75 °F	RA 0800 - 0445 LT (intermittent)			
Min.	41 °F	Vel.	2 m.p.h.	Read.	28.66 in.				
Set	43 °F	Char.	light	Corr.	28.53 in.	0700	1300	1900	
R.H.	86 %	24 hr. Mov.	M mi.	Sea L.	29.94 in.	Clds.	10/10 SC	Clds.	10/10 St
Ppn.	0.33 in.	Prev. Dir.	M	3 hr. Tend.	171 mb	Wx	breezy cool	Wx	Mic
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	MAW	Vis.	25 mi.	Vis.	mi. 20 mi.

\bar{T} : 45
HDD: 20
CDD: 0
 Σ HDD: 391
 Σ CDD: 0
 Σ PCN_L: 4.00
 Σ PCN_S: .8

T_{DAVIS}: 43/38 Tw: 41
T_{UNU}: 43/35 T_O: 39

PCN_{TB}: 0.27
 Σ PCN_{TB}: 3.18

Monday April 24 7:00

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	51 °F	Dir.	W	Temp.	76 °F	contrails Fog in valleys 0700 1300 1900					
Min.	36 °F	Vel.	2 m.p.h.	Read.	28.40 in.						
Set	42 °F	Char.	light	Corr.	28.67 in.						
R.H.	80 %	24 hr. Mov.	M mi.	Sea L.	30.07 in.	Clds.	110 Ci	Clds.	CI 110 CU	Clds.	Ac Sc
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	1.7 mb	Wx	Nice	Wx	Warm pleasant	Wx	MILD
Ppn.	0 in.	Snow Depth	0 in.	Observer	AJH	Vis.	20 mi.	Vis.	25 mi.	Vis.	25 mi.

$\bar{T} : 44$

$H_{00} : 21$

$C_{00} : 0$

$\Sigma H_{00} : 412$

$\Sigma C_{00} : 0$

$\Sigma PCNs : 4.00$

$\Sigma PCMS : 0.8$

$T_{Davis} : 45/37$

$T_{turn} : 42/34$

42/35

$T_{w} : m$

$T_{0} : 39^+$

+ From Davis

$PLNTs : 0$

$\Sigma PCMs : 3.18$

TUESDAY APRIL 25, 2000 Meteorological Observatory University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. NE	Temp. 76 °F	* OVERNIGHT LOW = 45			
Min. 42* °F	Vel. 5 m.p.h.	Read. 28.75 in.				
Set 45 °F	Char. STEADY	Corr. 28.61 in.	0700	1300	1900	
R.H. 64 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. Ci Cs Cc 4/10	Clds. 2/10 Cu	Clds. 4/10 As	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx CHILLY	Wx wonder- ful	Wx chilly	
Ppn. Sol. 0-0 in.	Snow Depth 0 in.	Observer ARJ	Vis. 25 mi.	Vis. 25+ mi.	Vis. 25 mi.	

$$T = 55$$

$$H_{00} = 10$$

$$C_{00} = 0$$

$$\Sigma H_{00} = 422$$

$$\Sigma C_{00} = 0$$

$$\Sigma PCN_L = 4.00$$

$$\Sigma PCN_S = 0.8$$

$$T_{DAVIS} = 47/35$$

$$T_{UNV} = 49/28$$

$$T_W = 40$$

$$T_0 = 34$$

$$PCN_{TB} = 0.00$$

$$\Sigma PCN = 3.18$$

Wednesday April 26, 1900

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	64 °F	Dir.	-	Temp.	76 °F			
Min.	37 °F	Vel.	0 m.p.h.	Read.	28.82 in.			
Set	40 °F	Char.	none	Corr.	28.68 in.	0700	1300	1900
R.H.	77 %	24 hr. Mov.	M mi.	Sea L.	30.08 in.	Clds. Ac 8/10 As	Clds. CU 110CF SC	Clds. Ac 7/10 As
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	+1 mb	Wx cool	Wx comfortable pleasant	Wx Hz
Ppn.	0 in.	Snow Depth	0 in.	Observer	A012	Vis. 25 mi.	Vis. 20 mi.	Vis. 10 mi.

$\bar{T} : 51$

$H_{00} : 14$

$C_{00} : 0$

$\Sigma H_{0j} : 436$

$\Sigma L_{00} : 0$

$T_{\text{Davis}} : 47/26$

$t_{\text{unv}} : 37/26$

$T_{\text{L}} : 34$

$T_{\text{b}} : 35$

$\Sigma DCN_i : 4.00$

$\Sigma PCN_i : 0.8$

$PCN_{T_0} : 0$

$\Sigma PCN_i : 3.18$

T HURSDAY APR 11 27, 2000 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max	59 °F	Dir.	—	Temp	77 °F	-SHRA 15:20 - 17:30 LT		
Min.	40 °F	Vel.	0 m.p.h.	Read.	28.80 in.	-SHRA ~ 7:55 LT		
Set	46 °F	Char.	CALM	Corr.	28.85 in.	0700	1300	1900
R.H.	79 %	24 hr. Mov.	— mi.	Sea L.	30-02 in.	Clds. 9/10 Sc	Clds. 9/10 Sc	Clds. 7/10 Cc
Ppn.	0 in.	Prev. Dir.	—	3 hr. Tend.	0 mb	Wx Hz & COOL	Wx 1/2	Wx Chilly
Ppn.	0.0 in.	Snow Depth	0 in.	Observer	APD	Vis. 5 mi.	Vis. 10 mi.	Vis. 5 mi.

$$\bar{T} = 50$$

$$H_{DD} = 15$$

$$C_{DD} = 0$$

$$\sum H_{DD} = 451$$

$$\sum C_{DD} = 0$$

$$\sum PCNB = 4.00$$

$$\sum PCNG = 0.8$$

$$T_{DAVIS} = 44/41 \quad T_w = 43$$

$$T_{UNU} = 45/41 \quad T_o = 40$$

$$PCNTB = 0.00$$

$$\sum PCNTB = 3.18$$

Friday 28 April 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	57 °F	Dir.	WSW	Temp.	74 °F	-SHRA 1430-1530 LT			
Min.	42 °F	Vel.	2 m.p.h.	Read.	28.75 in.	Fog in valley			
Set	46 °F	Char.	calm	Corr.	28.62 in.				
R.H.	71 %	24 hr. Mov.	M mi.	Sea L.	29.99 in.	0700	1300	1900	
Ppn.	0.02 in.	Prev. Dir.	M	3 hr. Tend.	1 mb	Clds. CS AC 6/10 St	Clds. Ci Cs 7/10 As	Clds. Ci Cs 3/10 As	
Ppn.	0.0 in.	Snow Depth	- in.	Observer	PLD	Wx	NICE!!	MILD & NICE	
				Vis.	10 mi.	Vis.	25 mi.	Vis.	25 mi.

$\bar{T}: 50$

$H_{DD} \text{ @ } 15$

$C_{DD}: 0$

$\sum H_{DD}: 4.00$

$\sum C_{DD}: 0$

$\sum PCN_L: 4.02$

$\sum PCN_S: 0.80$

$T_{\text{baws}}: 45/40$
 $T_{\text{unw}}: 45/41$

$T_w: 40$
 $T_D: 35$

$PCN_{TB}: 0.00$

$\sum PCN_{TB}$

SATURDAY APRIL 29, 2000

0700 EST Meteorological Observatory University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SE	Temp. 75 °F				
Min. 42 °F	Vel. 2 m.p.h.	Read. 28.8 in.				
Sea 45 °F	Char. STEADY	Corr. 28.59 in.				
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.06 in.	Clds. 3/10 Ci Cs	0700 Clds.	1300	1900 Clds. CU 8/10 SC
Ppn. 0.00 in.	Liq. — in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx COLD Hz	Wx	Wx breezy WARM
Ppn. 0.0 in.	Sol. — in.	Snow Depth 0 in.	Observer ALP	Vis. 5 mi.	Vis. — mi.	Vis. 25 mi.

$$\bar{T} = 53$$

$$H_{01} = 12$$

$$C_{01} = 0$$

$$\sum H_{00} = 478$$

$$\sum C_{00} = 0$$

$$\sum PCN_L = 4.02$$

$$\sum PCN_S = 0.80$$

$$T_{DAVIS} = 49/39 \quad T_W = 41$$

$$T_{UNV} = 43/37 \quad T_D = 36$$

$$PCN_{TB} = 0.00$$

$$\sum PCN_{TB} = 3.18$$

Sunday 30 April 2000 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. NNE	Temp. 76 °F	contrails *overnight low 50°F			
Min. 45* °F	Vel. 14 m.p.h.	Read. 29.03 in.				
Set 50 °F	Char. G20	Corr. 28.89 in.	0700	1300	1900	
R.H. 56 %	24 hr. Mov. M mi.	Sea L. 30.33 in.	Clds. CU 1/10 CI	Clds.	Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. +3 mb	Wx Sunny beautiful breezy	Wx	Wx Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

\bar{T} : 58

HDD: 7

CDD: 0

Σ HDD: 485

Σ CDD: 0

Σ PCNL: 4.02

Σ PCNS: 0.8

T_{DAVIS} : 51/38

T_{UNU} : 43/33

T_w : 43

T_o : 35

APRIL
 $\bar{T}_{MAX} = 58.5$
 $\bar{T}_{MIN} = 38.7$
 $\bar{T}_{APRIL} = 48.6$

PCNTB: 0.00

Σ PCNTB: 3.18