

Wed 1 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 61 °F	Dir. SW	Temp 70 °F	-SHEA-0755-obs			
Min. 33* °F	Vel. 14 m.p.h.	Read. 28.91 in.				
Set 44 °F	Char. breezy	Corr. 28.79 in.	OVNT LOW 44			
R.H. 53 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	0700 Clds. 10/10	1300 Clds. 1-/10	1900 Clds. 10/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. ±0.0 mb	Wx -SHRA	Wx overcast <sup>PA</sup>	Wx overcast	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 6 mi.	Vis. 20 mi.	

F: 47  
HDD: 18  
ΣHDD: 18  
CDD: 0  
ΣCDD: 0

TDAVS: 43/38  
TUNV: 43/34  
MMTS: 58/31/42

TW: 38  
T<sub>D</sub>: 30

ΣPCN<sub>L</sub>: T  
ΣPCN<sub>S</sub>: 0.0"

04/01/09

---

Thu 2 April 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. SE	Temp 70 °F	0001-dz-0820-0900 LT 0001-shra-1040-1520 LT			
Min. 43 °F	Vel. 2 m.p.h.	Read. 28.91 in.				
Set 44 °F	Char. light	Corr. 28.79 in.	0700	1300	1900	
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. 10/10 <sup>9</sup>	Clds. 0/10	Clds. Sc 9/10	
Ppn. Liq. 0.19 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx overcast	Wx clear	Wx m. cldy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 46  
HDD: 19  
ΣHDD: 37  
CDD: 0  
ΣCDD: 0

T DAVIS: 45/44  
TUNN: 43/41  
MMTS: 46/41/43  
T<sub>w</sub>: 42  
T<sub>D</sub>: 40

ΣPCNL: 0.19"  
ΣPCNS: 0.0"

04/02/09

---

Friday 3 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. E	Temp 72 °F	0130 - 0800 LT : DZ/-SHRA/RA			
Min. 44* °F	Vel. 5 m.p.h.	Read. 28.19 in.				
Set 55 °F	Char. Steady	Corr. 28.07 in.	*overnight low = 55 °F			
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 29.38 in.	Clds. N <sub>3</sub> 10/10	Clds. N <sub>5</sub> 10/10	Clds. S <sub>T</sub> 10/10	
Ppn. Liq. 0.14 in.	Prev. Dir. -	3 hr. Tend. -5.0 mb	Wx -SHRA	Wx -SHRA	Wx overcast	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	Vis. 3 mi.	Vis. 6 mi.	Vis. 25 mi.	

---

$\bar{T} : 55$

$T_{obs} : 54/54$

$T_u : 55$

HDD: 10

$T_{low} : 54/51$

$T_d : 55$

$\Sigma HDD : 47$

MMTS: 64/42/53

$\Sigma CDD : 0$

$\Sigma PCN_L : 0.33''$

$\Sigma PCN_S : 0.0''$

04/03/09

---

Saturday 4 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. W	Temp 69 °F	OBS - 1800 LT - SHRA/DZ/RA			
Min. 38 °F	Vel. 20 <sup>630</sup> m.p.h.	Read. 28.94 in.				
Set 38 °F	Char.	Corr. 28.82 in.				
R.H. 82 %	24 hr. Mov. - mi.	Sea L. 30.22 in.	0700 Clds. Sc 10/10	1300 Clds.	1900 Clds. Sc 3/10	
Ppn. Liq. 0.34 in.	Prev. Dir. -	3 hr. Tend. +1.5 mb	Wx overcast, windy	Wx	Wx p. cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AF	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T}: 49$   
HDD: 16  
 $\Sigma$ HDD: 63  
CDD: 0  
 $\Sigma$ CDD: 0

$T_{DAVIS}: 38/31$   
 $T_{UNV}: 38/28$   
MMTB: 58/37/37

$T_w: 36$   
 $T_d: 33$

$\Sigma PCN_L: 0.67'$

$\Sigma PCN_S: 0.0''$

4/4/09



Sunday 5 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. W	Temp 70 °F	* From Davis			
Min. 36 °F	Vel. 4 m.p.h.	Read. 28.87 in.				
Set 37 °F	Char. steady	Corr. 28.75 in.				
			0700	1300	1900	
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 010	Clds.	Clds. Cc. 5/10 AS	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx clear	Wx	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

F: 42

HDD: 23

$\Sigma$ HDD: 86

COO: 0

$\Sigma$ COO: 0

T<sub>DAVES</sub>: 37/30

T<sub>UNW</sub>: 38/27

MMTS: 46/35/36

T<sub>N</sub>: M

T<sub>d</sub>: 30\*

$\Sigma$ PCW: 0.67"

$\Sigma$ PCW<sub>s</sub>: 0.0"

4/5/09

Monday 6 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F	Dir. WSW	Temp 72 °F	-SHRA 0320-0720 LT			
Min. 37 * °F	Vel. 0 m.p.h.	Read. 28-26 in.				
Set 49 °F	Char. calm	Corr. 28-14 in.	* GUNT Low: 48			
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 29.44 in.	Clds. 10/10	Clds. 10/10	Clds. 5/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -20 mb	Wx overcast	Wx overcast	Wx pellet	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 17 mi.	Vis. 17 mi.	

$\bar{T}$ : 52  
HDD: 13  
 $\Sigma$ HDD: 99  
E HDD: 0

$T_{days}$ : 49/46  
 $T_{min}$ : 47/44  
min: 64/36/48

$T_w$ : M  
 $T_0$ : 46

$\Sigma PCN_v$ : 0.73"  
 $\Sigma PCN_s$ : 0.0"

4/6/09

---

Tuesday 7 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. W	Temp 69 °F	SHSN 22-40-0120 LT			
Min. 30 °F	Vel. 8 m.p.h.	Read. 28.30 in.	SHRA 11:45-12:20 LT			
Set 31 °F	Char. Steady	Corr. 28.18 in.	0700	1300	1900	
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 29.56 in.	Clds. 8/10	Clds. $\infty$ 9/10	Clds. $\frac{10}{10}$ $\frac{10}{10}$ %	
Ppn. Liq. 0.07 in.	Prev. Dir. —	3 hr. Tend. / +1.0 mb	Wx m. cloudy	Wx m. cloudy	Wx OVCST	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 17 mi.	Vis. 10 mi.	

$\bar{T}$ : 42  
HDD: 23  
 $\Sigma$ HDD: 122  
ECDD: 0

T<sub>oms</sub>: 31/24  
T<sub>unv</sub>: 32/21  
MMTS: 53/29/30

T<sub>w</sub>: M  
T<sub>o</sub>: 24

$\epsilon$ PCN<sub>v</sub>: 0.80"  
 $\epsilon$ PCN<sub>s</sub>: T

4/7/09

---

Wed 8 Apr 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 39 °F	Dir. SW	Temp 69 °F	occl - shsn ~ 1600 - 2320 LT			
Min. 31* °F	Vel. 11 m.p.h.	Read. 28.49 in.	- shsn ~ 0120 - 0200 LT			
			- shsn ~ 0320 - 0340 LT			
			- shsn ~ 0500 - 0520 LT			
Set 33 °F	Char. breezy	Corr. 28.37 in.	OVNT LOW: 32			
			0700	1300	1900	
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 29.76 in.	Clds. Sc/As 8/10	9/10	Clds. As 5/10	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx m. cld	Wx m. cloudy	Wx p. cldy	
Ppn. Sol. T in.	Snow Depth T in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 35  
HDD: 30  
ΣHDD: 152  
CDD: 0  
ΣCDD: 0

T<sub>DAVIS</sub>: 34/26  
T<sub>UNV</sub>: 33/23  
MMTS: 37/30/33

T<sub>W</sub>: M  
T<sub>D</sub>: 26

ΣPCN<sub>L</sub>: 0.81"  
ΣPCN<sub>S</sub>: T

4/8/09

---



Thu 9 Apr 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 50 °F	Dir. W	Temp 69 °F				
Min. 31 °F	Vel. 2 m.p.h.	Read. 28.72 in.				
Set 34 °F	Char. light	Corr. 28.61 in.	0700	1300	1900	
R.H. 67 %	24 hr. Mov. — mi.	Sea L. 30.00 in.	Clds. 0/10	Clds. cu 1/10	Clds. cu 1/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 2.0 mb	Wx clear	Wx m. clear	Wx m. sunny	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 41

T<sub>DAVIS</sub>: 36 | 25

T<sub>w</sub>: M

HDD: 24

T<sub>UNV</sub>: 33 | 22

T<sub>b</sub>: 25

ΣHDD: 176

MMTS: 48 | 30 | 34

CDD: 0

ΣCDD: 0

ΣPCN<sub>L</sub>: 0.81"

ΣPCN<sub>S</sub>: T

4/9/09

Friday 10 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. S	Temp 19 °F				
Min. 34 °F	Vel. 2 m.p.h.	Read. 28.82 in.				
Set 40* °F	Char. Light	Corr. 28.71 in.	*Overnight low = 38°F			
						0700
R.H. 60 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. As 4/10 Sc	Clds. As 7/10 Sc	Clds. NS 10/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx M. cloudy	Wx	Wx DZ	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JCT	Vis. 25 mi.	Vis. 25 mi.	Vis. 17 mi.	

T 47

HDD: 18

ΣHDD: 194

ΣLDD 0

T<sub>DAVIS</sub>: 40/27

T<sub>LOW</sub>: 37/27

MMTS: 56/34/38

T<sub>w</sub>: 35

T<sub>d</sub>: 27

ε<sub>PLN<sub>2</sub></sub>: 0.81"

ε<sub>PLN<sub>3</sub></sub>: T

4/10/09

---

Saturday 11 April 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 49 °F	Dir. NNE	Temp 68 °F	DZ / -RA : 0940 - 1100 LT			
Min. 39 °F	Vel. 5 m.p.h.	Read. 28.70 in.	SHRA / DZ : 1600 - 2020 LT			
Set 41 °F	Char. Steady	Corr. 28.59 in.	DZ / -RA : 0440 - 0605			
			0700	1300	1900	
R.H. 93 %	24 hr. Mov. - mi.	Sea L. 29.97 in.	Clds. N <sub>5</sub> 10/10	Clds.	Clds. 1/10	
Ppn. Liq. 0.13 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	Wx DZ	Wx	Wx m. clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AF	Vis. 17 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T}: 44$

HDD: 21

$\Sigma$ HDD: 215

CDD: 0

$\Sigma$ CDD: 0

$T_{DAVIS}: 42/41$

$T_{LAW}: 40/37$

MMTS: 47/38/40

$T_w: 40$

$T_d: 39$

$\Sigma PCN_L: 0.94''$

$\Sigma PCN_S: T$

4/11/09

---

Sunday 12 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. N	Temp 67 °F	* From Davis -02:0800J-0800J			
Min. 30 °F	Vel. 6 m.p.h.	Read. 29.08 in.				
Set 32 °F	Char. Steady	Corr. 28.97 in.				
			0700	1300	1900	
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	Clds. 0/10	Clds.	Clds. 0/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +2.0 mb	Wx clear	Wx	Wx clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SS	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.	

F: 43  
HDD: 22  
 $\Sigma$ HDD: 237  
CDD: 0  
 $\Sigma$ CDD: 0

T<sub>DAVES</sub>: 34/20  
T<sub>UNV</sub>: 32/26  
MMTS: 53/29/31

T<sub>w</sub>: M  
T<sub>d</sub>: 20\*

$\Sigma$ PCN<sub>L</sub>: 0.94"  
 $\Sigma$ PCN<sub>S</sub>: T

4/12/09



Monday 13 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. NNW	Temp 68 °F			
Min.	27 °F	Vel. 0 m.p.h.	Read. 29.09 in.			
Set	30 °F	Char. calm	Corr. 28.98 in.	0700	1300	1900
R.H.	63 %	24 hr. Mov. — mi.	Sea L. 30-40 in.	Clds. 3/10 Ci	Clds. 10/10	Clds. 10/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx m. clear	Wx overcast	Wx RA
Ppn. Sol.	00 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 25 mi.	Vis. 17 mi.

---

T: 39  
HDD: 26  
ΣHDD: 263  
CDD: 0  
ΣCDD: 0

TOWNS 31/19  
Tuw: 30/17  
MMS: 49/26/29

Tw: M  
Tp: 19

ΣPCM: 0.94"  
ΣPCMS: T

4/13/09

---

Tuesday 14 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. E	Temp 69 °F	-SHRA 22:00-0000 LT			
Min. * 30 °F	Vel. 2 m.p.h.	Read. 28.79 in.				
Set 41 °F	Char. calm	Corr. 28.67 in.	* ONVT LOW 41			
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 30.05 in.	0700 Clds. 10/10	1300 Clds. 10/10	1900 Clds. NS 10/10	
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. — 0.0 mb	Wx overcast	Wx overcast, F6	Wx SHRA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 4 mi.	Vis. 4 mi.	Vis. 5 mi.	

T: 43  
HDD: 22  
EHDD: 285  
ECCOD: 0

T<sub>DAVES</sub>: 42/40  
T<sub>UNV</sub>: 39/37  
MMS: 53/29/40

T<sub>v</sub>: 39  
T<sub>0</sub>: 37

EPN: 1-07"  
EPN: T

4/14/09

---

Wed 15 Apr 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.					
Max.	Dir.	Temp	-SHRA ~ 1020 - Obs Occ - DZ, RA								
41.0 °F	NE	69 °F									
Min.	Vel.	Read.	*OUNT LOW; 42								
41.1* °F	7 m.p.h.	28.83 in.									
Set	Char.	Corr.	0700			1300			1900		
42 °F	light	28.71 in.									
R.H.	24 hr. Mov.	Sea L.	Clds. NS	Clds.		Clds. NS					
100 %	— mi.	30.09 in.	10/10			10/10					
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx		Wx					
0.97 in.	—	2.0 mb	-SHRA			cloudy					
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.		Vis.					
00 in.	0 in.	AM	5 mi.			10 mi.					

F:44

MMTS:44/40/41

TW:42

HDD:21

TUNN:

T<sub>D</sub>:42

ΣHDD:306

T<sub>DAVIS</sub>:~~43~~43

CDD:0

ΣCDD:0

ΣPCN<sub>E</sub>:2.04"

ΣPCN<sub>S</sub>:T

4/15/09

Thu 16 Apr 2009 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind		Barom.	General Obs.						
Max.	46 °F	Dir.	SW	Temp	-SHTRA - OBS - 1440 LT OCCI RA, DZ						
				70 °F							
Min.	31 °F	Vel.	0 m.p.h.	Read.				29.18 in.			
Set	54 °F	Char.	calm	Corr.	29.06	0700	1300	1900			
R.H.	72 %	24 hr. Mov.	— mi.	Sea L.	30.47 n.	Clds.	0/10	Clds.	0/10	Clds.	0/10
Ppn. Liq.	0.27 in.	Prev. Dir.	—	3 hr. Tend.	+2.0 mb	Wx	clear	Wx	clear	Wx	clear
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	AM	Vis.	25 mi.	Vis.	25 mi.	Vis.	25 mi.

F: 30

HDD: 26

Σ HDD: 332

CDD: 0

Σ CDD: 0

T DAVIS: 37/30

T UNV: 33/33

MMS: 44/30/34

TW: 31

T D: 26

Σ PCN<sub>L</sub>: 2.31"

Σ PCN<sub>S</sub>: T

4/16/09

---



Friday 17 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 65 °F	Dir. NE	Temp 70 °F				
Min. 34* °F	Vel. 1 m.p.h.	Read. 29.21 in.				
Set 40 °F	Char. Light	Corr. 29.10 in.	*overnight low = 37°F			
R.H. 47 %	24 hr. Mov. — mi.	Sea L. 30.50 in.	Clds. 6 1/10	Clds. 0/10 CLR	Clds. 0/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx in. sunnier	Wx TOP-10!	Wx clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JLT	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{T}: 50$

$T_{\text{arrivals}}: 42/26$

$T_{\text{d}}: 33$

$HDD: 15$

$T_{\text{arr}}: 40/27$

$T_{\text{d}}: 23$

$\sum HDD: 347$

$M.MTS: 64/33/40$

$\sum CDD: 0$

$\sum PCN_2: 231''$

$\sum PCN_3: T$

4/17/09

---

Saturday 18 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. SW	Temp 70 °F			
Min.	40 * °F	Vel. 5 m.p.h.	Read. 29.00 in.			
Set	51 °F	Char. Steady	Corr. 28.89 in.	* 0000 low: 49°F		
R.H.	54 %	24 hr. Mov. ~ mi.	Sea L. 30.24 in.	0700 Clds. 0/10	1300 Clds.	1900 Clds. 0/10
Ppn. Liq.	0.00 in.	Prev. Dir. -	3 hr. Tend. -1.0 mb	Wx clear	Wx	Wx clear
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer AF	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T: 55  
HOD: 10  
 $\Sigma$ HOD: 357  
COD: 0  
 $\Sigma$ COD: 0

TODAYS: 52/30  
TURNS: 52/27  
MMTS: 68/40/79

TW: 43  
TJ: 35

$\Sigma$ PCW<sub>L</sub>: 2.31"  
 $\Sigma$ PCW<sub>S</sub>: T

4/18/09

---

Sunday 19 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir.	Temp 70 °F	*OUNT LOW 52			
Min. 51 °F	Vel. m.p.h.	Read. 28.86 in.				
Set 52 °F	Char.	Corr. 28.74 in.	0700	1300	1900	
R.H. 54 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. 10/10	Clds.	Clds. 10/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. mb	Wx overcast	Wx	Wx overcast	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer SS	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.	

---

T: 63

HDD: 2

$\Sigma$ HDD: 359

COO: 0

$\Sigma$ COO: 0

TDAVEN:

TLOW: 50/34

MMTS: 72/49/50

TW: 44

T<sub>d</sub>: 36

$\Sigma$ PCN<sub>2</sub>: 2.31"

$\Sigma$ PCN<sub>3</sub>: T

4/19/09

---

Monday 20 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F		Dir. ESE	Temp 68 °F	-SHRA 2040 - 2120 LT -SHRA 2220 - 2300 LT		
Min. 41 °F		Vel. 4 m.p.h.	Read. 28.80 in.	-SHRA 0220 - 0440 LT -SHRA 0720 - 0800 LT		
Set 41 °F		Char. steady	Corr. 28.69 in.	0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10
Ppn. Liq. 0.09 in.		Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx RA	Wx -RA	Wx -RA
Ppn. Sol. 00 in.		Snow Depth 0 in.	Observer BS	Vis. 4 mi.	Vis. 6 mi.	Vis. 5 mi.

T = 55  
HDD: 10  
E HDD: 369  
CDD: 0  
ECDD: 0

Tmax: 42/36  
Tmin: 40/31  
MTS: ~~67~~/40/40

Tw: 41  
Td: 41

zPCN: 2.40"  
zPCN: T

4/23/09

---



Tuesday 21 April 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 46 °F	Dir. SW	Temp 72 °F	-DHRA OBS - 0000 LT			
Min. 40* °F	Vel. 4 m.p.h.	Read. 28.62 in.				
Set 44 °F	Char. Steady	Corr. 28.50 in.	* GUNT LOW 44			
			0700	1300	1900	
R.H. 86 %	24 hr. Mov. — mi.	Sea L. 24.86 in.	Clds. 10/10	Clds.	Clds. Sc/A 9 1/2 / 10	
Ppn. Liq. 0.45 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx Overcast Fog	Wx	Wx m cld	
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer BS	Vis. 4 mi.	Vis. mi.	Vis. 25 mi.	

F: 43  
HDD: 22  
 $\Sigma$ HDD: 391  
CDD: 0  
 $\Sigma$ CDD: 0

T<sub>DAVIS</sub>: 43/43  
T<sub>UNIV</sub>: 43/43  
MMTS: 44/38/42

TW: 42  
Td: 40

$\Sigma$  PCN<sub>c</sub>: 2.85"  
 $\Sigma$  PCN<sub>s</sub>: T

---

4/21/09

Wed 22 April 2009 0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 63 °F	Dir. SW	Temp 70 °F	-SHRA ~ 1600-1700 LT -DZ ~ 2000-2040 LT			
Min. 41 °F	Vel. 2 m.p.h.	Read. 28.63 in.				
Set 43 °F	Char. light	Corr. 28.51 in.	0700	1300	1900	
R.H. 65 %	24 Hr. Mov. — mi.	Sea L. 29.87 in.	Clds. Sc 8/10	Clds.	Clds. Sc 9/10	
Ppn. Liq. 0.11 in.	Prev. Dir. —	3 hr. Tend. +0.5 mb	Wx m. cldy	Wx	Wx m. cldy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

F 52  
HDD: 13  
ΣHDD: 404  
CDD: 0  
ΣCDD: 0

T<sub>DAVIS</sub>: 42 | 36  
T<sub>UNV</sub>: 41 | 34  
MMTS: '01 | 38 | 42

T<sub>w</sub>: 38  
T<sub>o</sub>: 32

ΣPCN<sub>L</sub>: 2.96"  
ΣPCN<sub>S</sub>: T

4/22/09

#: 56  
HDD: 9  
HDD: 459  
CDD: 0  
CDD: 27

TDAVIS: 51/42  
TUNN: 51/38  
UMTS: 04/44/51

TW: 45  
TD: 37

$\sum PCN_L: 3.16''$

$\sum PCNS: T$

APRIL TEMP'S  
 $\bar{T}_{MAX} = 61.2^\circ F$   
 $\bar{T}_{MIN} = 39.5^\circ$   
 $\bar{T}_{APR} = 50.33^\circ$

4/30/09

Thu 23 April 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 52 °F	Dir. W	Temp. 69 °F	DZ ~ 1100 - 1120 LT ~ SHRA ~ <del>0500</del> 1545 LT 0601 - SHRA ~ 0200 - 0340 LT			
Min. 34 °F	Vel. 14 m.p.h.	Read. 28.82 in.				
Set 38 °F	Char. breezy	Corr. 28.70 in.	0700	1300	1900	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Clds. SC 6/10	Clds. 8/10	Clds. 0/10	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. +4.0 mb	Wx M. cldy	Wx M. cldy	Wx clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 44  
ADD: 21  
EHDD: 4.25  
CDD: 0  
ECDD: 0

T<sub>DAVIS</sub>: 38/33  
T<sub>UNV</sub>: 38/31  
MMTS: 49/35/37

T<sub>w</sub>: M  
T<sub>D</sub>: 33

ΣPCN<sub>L</sub>: 3.01  
ΣPCN<sub>S</sub>: T

4/23/09

Fri 24 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F		Dir. WNW	Temp. 71 °F			
Min. 38 °F		Vel. 2 m.p.h.	Read. 29.08 in.			
Set 41 °F		Char. Calm	Corr. 28.97 in.	0700	1300	1900
R.H. 76 %		24 hr. Mov. — mi.	Sea L. 30.36 in.	Clds. 3/10	Clds. 0/10	Clds. 2/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +2 mb	Wx m. sunny	Wx sunny	Wx m. clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer JT (A&L)	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.



---

T: 47  
HDD: 18  
 $\Sigma$ HDD: 443  
CDD: 0  
 $\Sigma$ CDD: 0

T<sub>Davis</sub>: 41/34 T<sub>w</sub>: 35  
T<sub>unr</sub>: 38/33 T<sub>d</sub>: 31  
MMTS: 53/35/37

$\Sigma$ PCN<sub>L</sub>: 3.01"  
 $\Sigma$ PCN<sub>S</sub>: 7.01"

4/24/2009

---

Saturday 25 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F		Dir. SW	Temp 72 °F	-51RA: 1130-1155 LT		
Min. 41* °F		Vel. 2 m.p.h.	Read. 29.44 in.			
Set 57 °F		Char. steady	Corr. 29.32 in.	*OUNT LOW: 55 °F		
R.H. 72 %		24 hr. Mov. - mi.	Sea L. 30.68 in.	Clds. Cs 10/10	Clds.	Clds. 0/10
Ppn. Liq. 0.01 in.		Prev. Dir. -	3 hr. Tend. +1.5 mb	Wx cloudy	Wx	Wx clear
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AF	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

T: 58  
HDD: 7  
 $\Sigma$ HDD: 450  
COD: 0  
 $\Sigma$ COD: 0

T<sub>DAVIS</sub>: 57/49  
T<sub>un</sub>: 56/45  
MMTS: 74/39/56

T<sub>w</sub>: 53  
T<sub>d</sub>: 48

$\Sigma$ PCN: 3.02"

$\Sigma$ PCN: T

4/25/09

---

Sunday 26 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F		Dir. SW	Temp 72 °F	* DUN? Low: 59		
Min. 57* °F		Vel. 2 m.p.h.	Read. 29.14 in.			
Set 65 °F		Char. light	Corr. 29.02 in.			
R.H. 43 %		24 hr. Mov. — mi.	Sea L. 30.34 in.	0700 Clds. 0/10	1300 Clds.	1900 Clds. 4/10
Ppn. Liq. 0.00 in.		Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx clear	Wx	Wx m. der
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer SS	Vis. 25 mi.	Vis. mi.	Vis. 17 mi.

T: 72  
HDD: 0  
ΣHDD: 450  
CDD: 7  
ΣCDD: 7

T<sub>DAVS</sub>: 67/50      T<sub>w</sub>: 53  
T<sub>UVU</sub>: 66/49      T<sub>d</sub>: 42  
MIMTS: 85/56/65

ΣPCN<sub>L</sub>: 3.02"  
ΣPCN<sub>S</sub>: 7

9/26/09

---

Monday 27 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
88 °F	E	72 °F				
Min.	Vel.	Read.				
59 °F	0 m.p.h.	29.15 in.				
Set	Char.	Corr.	0700	1300	1900	
62 °F	calm	29.03 in.				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
49 %	- mi.	30-37 in.	1/10	1/10	1/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	-	+0.0mb	clear	p. clv	nclear	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
00 in.	0 in.	BS	17 mi.	25 mi.	17 mi.	

$\bar{T}_e = 74$   
HAP: 0  
 $\Sigma$ HAP: 450  
COD: 9  
 $\Sigma$ COD: 16

TOA VES: 65/54  
TUMV: 62/48  
MMTS: 86/58/63

$T_w = 52$   
 $T_p = 43$

$\Sigma$ PCN<sub>v</sub>: 3.02"  
 $\Sigma$ PCN<sub>s</sub>: T

4/27/09

---

Tuesday 28 April 2009

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. $\Delta$ 90 °F	Dir. WSW	Temp 74 °F	$\Delta$ 71.63 REC. MAX (1990) $\Delta$ REC. MAX MIN (61, 1922)			
Min. * $\diamond$ 62 °F	Vel. 6 m.p.h.	Read. 29.10 in.				
Set 71 °F	Char. Steady	Corr. 28.97 in.	* CH/NT Low: 66			
			0700	1300	1900	
R.H. 35 %	24 hr. Mov. — mi.	Sea L. 30.29 in.	Clds. V10	Clds. CL 2/10	Clds. NS 10/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +10 mb	Wx Clear	Wx M. clear	Wx -SHRA	
Ppn. Sol. 00 in.	Snow Depth 0 in.	Observer BS	Vis. 17 mi.	Vis. 25 mi.	Vis. 5 mi.	



$\bar{T}$ : 76  
HDD: G  
 $\Sigma$ HDD: 450  
COD: 11  
 $\Sigma$ COD: 27

$T_{\text{AVG}}$ : 72/52  
 $T_{\text{UVV}}$ : 69/45  
MMTS: 88/63/71

$T_w$ : 55  
 $T_o$ : 42

$\Sigma$ PCN<sub>v</sub>: 3.02"  
 $\Sigma$ PCN<sub>s</sub>: T

4/28/09

Wed 29 April 2009

0700 EST

Meteorological Observatory  
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. NE	Temp 72 °F	-SHRA ~ 1920 - 2320 LT			
Min. 44 °F	Vel. 9 m.p.h.	Read. 29.35 in.				
Set 45 °F	Char. breezy	Corr. 29.20 in.	0700	1300	1900	
R.H. 71 %	24 hr. Mov. — mi.	Sea L. 30.00 n.	Clds. SC/AS 8/10	Clds. 9/10	Clds. SC 10/10	
Ppn. Liq. 0.14 in.	Prev. Dir. —	3 hr. Tend. 2.0 mb	Wx m. cldy	Wx clear	Wx cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 05

HDD: 0

ΣHDD: 450

CDD: 0

ΣCDD: 27

TDAVIS: 410/40

TUNN: 44/30

MMIS: 83/43/44

TW: 41

TD: 30

ΣPCN: 3.16"

ΣPCNs: T

4/29/09

---

Thu 30 April 2009 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. S	Temp 72 °F	-SHRA ~ 1630 LT ~ 0700 LT			
Min. 45 °F	Vel. 3 m.p.h.	Read. 29.21 in.				
Set 52 °F	Char. light	Corr. 29.09 in.	OVNT LOW: 52			
R.H. 57 %	24 hr. Mov. — mi.	Sea L. 30.40 in.	Clds. & sc 10/10	Clds. 10/10	Clds. 10/10	St St
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. +0.0 mb	Wx overcast	Wx cloudy	Wx overcast	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AM	Vis. 25 mi.	Vis. 10 mi.	Vis. 10 mi.	