

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 ^{PA}	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

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

TW: 38
T_D: 30

ΣPCN_L: T
ΣPCN_S: 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 ⁹	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_w: 42
T_D: 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 ₃ 10/10	Clds. N ₅ 10/10	Clds. S _T 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.	

$\bar{T} : 55$

HDD : 10

Σ HDD : 47

Σ CDD : 0

$T_{obs} : 54/54$

$T_{cor} : 54/51$

MMTS : 64/42/53

$T_u : 55$

$T_d : 55$

$\Sigma PCN_L : 0.33''$

$\Sigma PCN_s : 0.0''$

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. 20 ⁶³⁰ 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
 Σ HDD: 63
CDD: 0
 Σ 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. 0110	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

Σ HDD: 86

COO: 0

Σ COO: 0

T_{DAVES}: 37/30

T_{UNW}: 38/27

MMTS: 46/35/36

T_N: M

T_d: 30*

Σ PCW: 0.67"

Σ PCW_s: 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
 Σ HDD: 99
E HDD: 0

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

T_w : M
 T_0 : 46

ΣPCN_v : 0.73"
 ΣPCN_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. ∞ 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
 Σ HDD: 122
ECDD: 0

T_{on}: 31/24
T_{unv}: 32/21
MMTS: 53/29/30

T_w: M
T₀: 24

ϵ_{PCN_v} : 0.80"
 ϵ_{PCN_s} : 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_{DAVIS}: 34/26
T_{UNV}: 33/23
MMTS: 37/30/33

T_W: M
T_D: 26

ΣPCN_L: 0.81"
ΣPCN_S: 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. ∞ 1/10	Clds. ∞ 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_{DAVIS}: 36 | 25

T_w: M

HDD: 24

T_{UNV}: 33 | 22

T_b: 25

ΣHDD: 176

MMTS: 48 | 30 | 34

CDD: 0

ΣCDD: 0

ΣPCN_L: 0.81"

ΣPCN_S: 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_{DAVIS}: 40/27

T_{LOW}: 37/27

MMTS: 56/34/38

T_w: 35

T_d: 27

ε_{PLN₂}: 0.81"

ε_{PLN₃}: T

4/10/09

Saturday 11 April 2009

0700 EST

Meteorological Observatory
University 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			
R.H. 93 %	24 hr. Mov. - mi.	Sea L. 29.97 in.	0700 Clds. N ₅ 10/10	1300 Clds.	1900 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

Σ HDD: 215

CDD: 0

Σ 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.				
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 30.39 in.	0700 Clds. 0/10	1300 Clds.	1900 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
 Σ HDD: 237
CDD: 0
 Σ CDD: 0

T_{DAVES}: 34/20
T_{UNV}: 32/26
MMTS: 53/29/31

T_w: M
T_d: 20*

Σ PCW_L: 0.94"
 Σ PCW_S: 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_{DAVES}: 42/40
T_{UNV}: 39/37
MMS: 53/29/40

T_v: 39
T₀: 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_D:42

ΣHDD:306

T_{DAVIS}:~~43~~43

CDD:0

ΣCDD:0

ΣPCN_E:2.04"

ΣPCN_S:T

4/15/09