

Monday June 1, 2009 0700 EST

Meteorology
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. NSW	Temp 72 °F				
Min. 41 °F	Vel. 1 m.p.h.	Read. 29.00 in.				
Set 47 °F	Char. Light	Corr. 28.88 in.	0700	1300	1900	
R.H. 56 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. High 2/10 SFC	Clds. Ci 7/10	Clds. Alto C 7/10 SFC	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +3' mb	Wx m. clear	Wx Breezy	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

\bar{T} : 56
HDD: 9
 Σ HDD: 9
CDD: 0
 Σ CDD: 0

TDAVIS: 48/39
TUNV: 46/54
MMTS: 69/40/47

W: 10
Td: 32

Σ PCNL = 0.00"
 Σ PCNS = 0.00"

6/1/2009

Tuesday June 2, 2009 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. WSW	Temp 72 °F	7 SHRA 0320 - 0440 LT - SHRA ~ 1615 LT			
Min. 47* °F	Vel. 0 m.p.h.	Read. 28.90 in.				
Set 62 °F	Char. Gusty	Corr. 28.78 in.	OVNT LOW: 61			
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 8/10	Clds. 10/10	Clds. 8/10	
Ppn. Liq. 0.05 in.	Prev. Dir. —	3 hr. Tend. -1 mb	Wx Humid M. Cloudy	Wx Calm M. Cloudy	Wx M. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 17 mi.	Vis. 25 mi.	

T: 60
HDD: 5
 Σ HDD: 14
CPD: 0
 Σ CDD: 0

T DAVIS 62/62 T_w: 62
T_{UNV}: 61/60 T_d: 61
MMTS: 71/40/61

Σ PCN_L: 0.05"
 Σ PCN_S: 0.00"

6/2/2009

Wednesday June 3, 2009

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. NNE	Temp 72 °F	-SHRA 1140 - 1200 LT -SHRA 1200 - 1220 LT -SHRA 0130 - 0900 LT			
Min. 60 °F	Vel. 1 m.p.h.	Read. 28.92 in.				
Set 60 °F	Char. Calm	Corr. 28.80 in.	0700	1300	1900	
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10	
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. /+1.0mb	Wx Cloudy Lt. Rain	Wx Cloudy Heavy Rain	Wx Cloudy Lt Rain	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 1 mi.	Vis. 1 mi.	Vis. 3 mi.	

F: 68
HDD: 0
ΣHDD: 14
CDD: 3
ΣCDD: 3

Tdavis: 0/0
Tunv: 58/58
MMTS: 73/59/59

Tw: 58
Td: 57

Σ PCN_L: 0.05"
Σ PCN_s: 0.00"

6/3/2009

Thursday June 4, 2009 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F		Dir. ENE	Temp 73 °F	RA 0830-1400 LT -SHRA 1400-2200 LT		
Min. 52 °F		Vel. 0 m.p.h.	Read. 28.96 in.			
Set 54 °F		Char. Calm	Corr. 28.84 in.	0700	1300	1900
R.H. 100 %		24 hr. Mov. — mi.	Sea L. 30.19 in.	Clds. 10/10	Clds. 10/10	Clds. E/10
Ppn. Liq. 0.56 in.		Prev. Dir. —	3 hr. Tend. + 1 mb	Wx cloudy cool	Wx cloudy	Wx P. cloudy
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer AS	Vis. 5 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 57
HDD: 8
 Σ HDD: 22
CDD: 0
 Σ CDD: 3

TDAVIS: 55/55
TUNV: 53/53
MMTS: 59/50/53

Tw: 56
Td: 54

Σ PCN_L: 0.61"
 Σ PCN_S: 0.00"

6/4/2009

Friday June 5, 2009

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. ENE	Temp 70 °F		-SHDR 0240 - 0320 LT SHRA 0320 - 0420 LT -SHDR 0420 - 0600 LT SHRA 0600 - 0800 LT		
Min. 52 °F	Vel. 2 m.p.h.	Read. 28.74 in.				
Set 54 °F	Char. Steady	Corr. 28.62 in.		0700	1300	1900
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10	
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. √ 1.0 mb	Wx lt. Rain	Wx Cool Drizzle	Wx Drizzle	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 1 mi.	Vis. 1 mi.	Vis. 5 mi.	

F: 53
HDD: 7
ΣHDD: 29
CDD: 0
ΣCDD: 3

Tdms: 55/55
Tunv: 54/54
MMTS: 62/53/53

Tw: 54
Td: 54

ΣPCNL: 0.73"
ΣPCNs: 0.00"

6/5/2009

Saturday June 6, 2009 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 58 °F	Dir. WNW	Temp 72 °F		-SHRA 0800 - 1220 LT -SHDZ 1940 - 2120 LT -SHDZ 0000 - 0020 LT		
Min. * 54 °F	Vel. 0 m.p.h.	Read. 28.85 in.				
Set 57 °F	Char. CALM	Corr. 28.73 in.	SVNT LOW: 56			
			0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.07 in.	Clds. 7/10	Clds.	Clds. 3/10	
Ppn. Liq. 0.14 in.	Prev. Dir. —	3 hr. Tend. /+2.0 mb	Wx P. Cloudy	Wx	Wx CALM M. Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

F: 56
HDD: 9
ΣHDD: 38
CDD: 0
ΣCDD: 3

Tdavis: 57/57
Tunv: 68/56
MMTS: 56/53/56

Tw: 57
Td: 57

εPCN_L: 0.87"
εPCN_S: 0.00"

6/6/2009

Sunday June 7, 2009

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	70 °F	Dir. WSW	Temp 74 °F			
Min.	55 °F	Vel. 0 m.p.h.	Read. 29.94 in.			
Set	60 °F	Char. CALM	Corr. 29.82 in.			
				0700	1300	1900
R.H.	72 %	24 hr. Mov. — mi.	Sea L. 31.20 in.	Clds. 6/10	Clds.	Clds. 5/10
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. /+1.0 mb	Wx CALM M. Clear	Wx	Wx P. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

F: 66
HDD: 0
ΣHDD: 38
CDD: 1
ΣCDD: 4

Tdavis: 59/58
Tunv: 60/55
MMTS: 75/53/58

Tw: 55
Td: 51

ΣPCNL: 0.87"
ΣPCNs: 0.00"

6/7/2009

Monday June 8, 2009 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F		Dir. NE	Temp 80 °F			
Min. 60 °F	*	Vel. 1 m.p.h.	Read. 28.87 in.			
Set 65 °F		Char. Calm	Corr. 28.73 in.	SVNT LOW: 64		
				0700	1300	1900
R.H. 90 %		24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. Ci 7/10	Clds. Ci 3/10 Cu	Clds. 10/10
Ppn. Liq. 0.0 in.		Prev. Dir. —	3 hr. Tend. — 0.0 mb	Wx Haze P. Cloudy	Wx Haze Calm	Wx drizzle + fog
Ppn. Sol. 0.0 in.		Snow Depth 0 in.	Observer KR	Vis. 17 mi.	Vis. 17 mi.	Vis. 6 mi.

T: 71
HDD: 0
ΣHDD: 38
CDD: 6
ΣCDD: 10

Tdavis: 65/63
Tunv: 64/61
MMTS: 79/58/64

Tw: 61
Td: 62

ΣPCNL: 0.87"
ΣPCNS: 0.00"

6/8/2009

June 9, 2009 Tuesday
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp 73 °F	-TSRA 1730-2000 LT -DZ 2000LT-2100LT			
Min. 65 °F	Vel. 6 m.p.h.	Read. 28.90 in.				
Set 68 °F	Char. Breezy	Corr. 28.68 in.	0700	1300	1900	
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. CU 6/10	Clds. CU 6/10	Clds. CU 7/10 High	
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. +2 mb	Wx P. Cloudy FOG	Wx P. Cloudy Sunny	Wx M. Cloudy Warm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HJ	Vis. 4 mi.	Vis. 17 mi.	Vis. 25 mi.	

T: 74
HDD: 0
ΣHDD: 38
CDD: 9
ΣCDD: 19

T_{DAVIS}: 70/69
T_{JUNV}: 66/66
MMTS: 79/63/69

T_w: 67
T_d: 67

ΣPCN_L: 0.93"
ΣPCN_S: 0.00"

6/9/2009

Wednesday June 10, 2009
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 83 °F	Dir. NE	Temp 74 °F					
Min. 62 °F	Vel. 1 m.p.h.	Read. 28.90 in.					
Set 64 °F	Char. Light	Corr. 28.77 in.		0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.10 in.		Clds. 8/10	Clds. Cf 6/10 STCU	Clds. STCU 8/10 CU	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — mb		Wx M. cloudy Humid	Wx P. cloudy Sunny	Wx M. cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS		Vis. 25 mi.	Vis. 25 mi.	Vis. 17 mi.	

\bar{T} : 73
CDD: 8
 Σ CDD: 29
HDD: 0
 Σ HDD: 38

T_{DAVIS}: 64/62
T_{JUNV}: 62/60
T_{MMTS}: 81/60/62

T_w: 61
T_d: 59

Σ PCN_L: 0.93"
 Σ PCN_S: 0.00"

6/10/2009

Thursday June 11, 2009 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. ESE	Temp 72 °F	-TSRA 1745-1815LT -RA 0500-0600LT			
Min. 64* °F	Vel. 3 m.p.h.	Read. 28.80 in.				
Set 66 °F	Char. Light	Corr. 28.68 in.	OYNT LOW: 65			
			0700	1300	1900	
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 29.99 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10	
Ppn. Liq. 0.17 in.	Prev. Dir. —	3 hr. Tend. -1 mb	Wx cloudy humid	Wx cloudy cool	Wx Drizzle Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 2 mi.	Vis. 5 mi.	Vis. 5 mi.	

F: 71
HDD: 0
 Σ HDD: 38
CDD: 6
 Σ CDD: 33

T Davis: 40/40
TUNV: 65/65
MMTS: 76/62/65

T_u: 65
T_d: 64

PCN_L: 1.10"
PCN_S: 0.00"

6/11/2009

Friday June 12, 2009

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. NA	Temp 72 °F	-SHRA 1600-1720 LT SHRA 2000-0240 LT			
Min. 64 °F	Vel. NA m.p.h.	Read. 28.67 in.				
Set 66 °F	Char. NA	Corr. 28.55 in.	0700	1300	1900	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 29.83 in.	Clds. 10/10	Clds. Cu 16/10	Clds. 7/10	
Ppn. Liq. 0.34 in.	Prev. Dir. —	3 hr. Tend. +1 / mb	Wx Cloudy Calm	Wx Cloudy Humid	Wx P. Cloudy Calm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	

F. 68
HDD: 0
 Σ HDD: 38
CDD: 3
 Σ CDD: 36

Tdavis: NA
Turns: 66/64
MMTS: 70/64/65

Tw: 64
Td: 65

Σ PCNL: 1.44"
 Σ PCNs: 0.00"

6/12/2009

Saturday June 13, 2009 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 75 °F	Dir. NNE	Temp 72 °F	SHRA 1520 - 1540 LT			
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.84 in.				
Set 63 °F	Char. Calm	Corr. 28.72 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Clds. 10/10	Clds. 5/10	Clds. 5/10	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx Cloudy Humid	Wx P. cloudy Sunny	Wx P. cloudy Breezy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	

F: 68
HDD: 0
ΣHDD: 38
CDD: 3
ΣCDD: 36

Tdavis: NA
Turns: 66/64
MMTS: 70/64/65

Tw: 64
Td: 65

ΣPCNL: 1.44"
ΣPCNs: 0.00"

6/12/2009

Sunday June 14, 2009

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NNW	Temp 74 °F				
Min. 52 °F	Vel. 1 m.p.h.	Read. 28.96 in.				
Set 57 °F	Char. Light	Corr. 28.83 in.	0700	1300	1900	
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. Cst 1/10	Clds. 5/10	Clds. Alto 5/10 ^{cu}	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +3 mb	Wx m. clear cool	Wx P. cloudy	Wx P. cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AJ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 65
HDD: 0
 Σ HDD: 38
CDD: 0
 Σ CDD: 39

T Davis: 59/53
Tunn: 59/51
MMTS: 75/50/56

TW: 51
T_D: 50

Σ PCN_L: 1.46"
 Σ PCN_S: 0.00"

6/14/2009

Monday June 15, 2020
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. WSW	Temp 72 °F				
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.97 in.				
Set 59 °F	Char. Calm	Corr. 28.85 in.				
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	0700 Clds. Cst 1/10	1300 Clds. 2/10	1900 Clds. Alt 3/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 13' mb	Wx Cool M. Clear	Wx Humid M. Clear	Wx Sunny Mostly Clear	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AJ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T 65
HDD: 0
 Σ HDD: 38
CDD: 0
 Σ CDD: 39

TDAYS: 59/53
TUN: 59/51
MMTS: 75/50/56

T_D: 50

Σ PCNL: 1.46"
 Σ PCNS: 0.00"

6/14/2009

Tuesday June 16, 2009
(0700) EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp				
80 °F	NNE	73 °F				
Min.	Vel.	Read.				
59 °F	0 m.p.h.	29.07 in.				
Set	Char.	Corr.				
61 °F	Light	28.95 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
87 %	— mi.	30.29 in.	10/10	10/10	10/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx	
0.00 in.	—	+5' mb	cloudy	calm cloudy	Hazy Cloudy	
Ppn. Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.	
0.0 in.	0 in.	AS	7 mi.	17 mi.	17 mi.	

F. 70
HDD: 0
 Σ HDD: 38
CDD: 5
 Σ CDD: 45

TAMS: 6/159
TUNV: 60/57
MMTS: 76/57/59

Inv.
Td: 57

Σ PCN_L: 1.46"
 Σ PCN_S: 0.00"

6/16/2009

Wednesday June 17, 2009
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F	Dir. SE	Temp 72 °F				
Min. 60 °F	Vel. 2 m.p.h.	Read. 29.02 in.				
Set 60 °F	Char. Steady	Corr. 29.90 in.				
			0700	1300	1900	
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.24 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —20 mb	Wx Calm Cloudy	Wx Cool cloudy Rainy	Wx Cool Rainy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 17 mi.	Vis. 17 mi.	Vis. 10 mi.	

\bar{T} : 66
HDD: 0
 Σ HDD: 38
CDD: 1
 Σ CDD: 46

Tdavis: 59/57
Tunv: 59/54
MMSS: 69/59/59

Tw: 57
Td: 55

Σ PCN_L: 1.46"
 Σ PCN_S: 0.00"

6/17/2009

Thursday June 19, 2008

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 62 °F	Dir. NE	Temp 74 °F	Read. 28.88 in. Corr. 28.75 in.	-RA 0900-2000ZT -BZ 2000-2115LT -RA 2115-2215LT 0230-0415LT 0630-0700LT 0800		
Min. 57 °F	Vel. 2 m.p.h.	Set 61 °F				
Char. Gusty	24 hr. Mov. ← mi.	Sea L. 30.08 n.				
R.H. 100 %	Prev. Dir. —	3 hr. Tend. -2 mb	Wx cool drizzle	Wx Cloudy Warmer Humid	Wx P. Sunny Cool	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 3 mi.	Vis. 5 mi.	Vis. 25 mi.	

T: 60
HDD: 5
 Σ HDD: 43
COD: 0
 Σ CDD: 46

T Davis: 60/60
Turnv: 61/61
MMTS: 60/56/60

Tw 62
Td 62

Σ PCNL: 1.97"
 Σ PCNs: 0.00"

6/18/2009

Friday June 19, 2009

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 71 °F	Dir. WNW	Temp 74 °F	Temp 28.74 in.	+SHDZ	0920 - 0940 LT	
Min. 60 °F	Vel. 0 m.p.h.	Read.		-SHDZ	1220 - 1240 LT	
Set 61 °F	Char. Calm	Corr. 28.61 in.		-SHRA	1500 - 1520 LT	
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 29.93 in.	Clds. 9/10	Clds. 8/10	Clds. 4/10	
Ppn. Tr in.	Liq. in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx M. Cloudy Calm	Wx M. Cloudy Cool	Wx P. Sunny
Ppn. 0.0 in.	Sol. in.	Snow Depth 0 in.	Observer KR	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.

F 126
HDD: 0
 Σ HDD: 43
CDD: 1
 Σ CDD: 47

Tdavis: 02/00
Turnv: 01/57
MMTS: 70/59/61

Tw: 57
Td: 54

Σ PCN_L: 1.97"
 Σ PCN_S: 0.00"

6/19/2009

Saturday June 20, 2009

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. SE	Temp 72 °F	Read. 28.58 in.	F-SHRA 0500 - 0520 LT +SHTS 0520 - 0540 LT SHRA 0540 - 0800 LT		
Min. 61 °F	Vel. 0 m.p.h.	Set 65 °F				
	Char. Calm	Corr. 28.46 in.			0700	1300
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.76 in.	Clds. 10/10	Clds. 10/10	Clds. 10/10	
Ppn. Liq. 0.73 in.	Prev. Dir. —	3 hr. Tend. 1-3.0 mb	Wx Mod. Rain Cool	Wx Light Rain	Wx Light Rain	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 1 mi.	Vis. 10 mi.	Vis. 10 mi.	

F 69
HDD: 0
SHDE: 43
CDD: 4
ECDD: 51

Tidavis: 64/64
Tunv: 64/64
MMTS: 75/59/63

Tw: 65
Td: 65

EPCN: 2.70"

EPCNs: 0.00"

6/20/2009

Sunday June 21, 2009

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. N	Temp 72 °F		-SHRA 1200-1215 1315-1430 1600-1615 2000-2100		
Min. 62 °F	Vel. 5 m.p.h.	Read. 28.68 in.		-TSRA 1215-1315		
Set 62 °F	Char. Gusty	Corr. 28.56 in.		RA 0800-0830		
			0700	1300	1900	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 29.88 in.	Clds. 10/10	Clds. 8/10	Clds. 6/10	
Ppn. Liq. 0.69 in.	Prev. Dir. —	3 hr. Tend. +4' mb	Wx Cloudy Cool	Wx m. cloudy	Wx P. cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0. in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 69
CDD: 4
 Σ CDD: 55
HDD: 0
SHDD: 43

Travis: 63/62
Tonn: 62/60
MMTS: 75/61/61

Tw: 62
Ta: 61

Σ PCNL: 3.39"
 Σ PCNS: 0.00

6/21/2009

Monday June 22, 2009

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. N	Temp 72 °F			
Min.	60 °F	Vel. 5 m.p.h.	Read. 28.67 in.			
Set	66 °F	Char. Light	Corr. 28.55 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov. — mi.	Sea L. 29.86 in.	Clds. 210	Clds. 210	Clds. 210
Ppn.	0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx Cool M. Sunny	Wx M. Sunny	Wx M. Sunny
Ppn.	0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 68
HDD: 0
SHDD: 43
CDD: 3
SCDD: 5E

T DAVIS: 6110J
TUNV: 66/63
MMTS: 73159/65

Td 12

$\Sigma PCN_i = 3.39''$
 $\Sigma PCN_s = 0.00''$

6/22/2009

Tuesday June 23, 2009

Meteorological Observatory
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. N	Temp 73 °F				
Min. 60 °F	Vel. 2 m.p.h.	Read. 28.76 in.				
Set 63 °F	Char. Light	Corr. 28.64 in.				
			0700	1300	1900	
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Clds. AMOCW 1/10	Clds. 1/10	Clds. 4/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1' mb	Wx M. Sunny	Wx Sunny Calm	Wx P. Cloudy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 71
HDD: 0
SHDD: 43
CDD: 6
ΣCDD: 64

T DAVIS: 64/60 1W -
TUNN: 64/56 Td: 59
MMTS: 79/58/62

ΣPCNL: 3.39"
ΣPCNS: 0.00"

6/23/2009

Wednesday June 24, 2009

Meteorological Observatory
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. NE	Temp 72 °F			
Min.	58 °F	Vel. 0 m.p.h.	Read. 28.78 in.			
Set	63 °F	Char. Calm	Corr. 28.69 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Clds. Ci 1/10	Clds. Ci 1/10	Clds. Alto 3/10 CU
Ppn. Liq.	0.00 in.	Prev. Dir. —	3 hr. Tend. -0.9 mb	Wx M. clear Calm	Wx Sunny	Wx M. Sunny
Ppn. Sol.	0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F 70
HDD: 0
 Σ HDD: 43
CDD: 5
 Σ CDD: 69

Tdavis: 64/60
Tuniv: 64/60
MMTS: 80/56/63

Tw: 59
Td: 57

Σ PCNL: 3.39"
 Σ PCNs: 0.00"

6/24/2009

Thursday June 25, 2009
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	85 °F	Dir.	NNW	Temp	72 °F			
Min.	61 °F	Vel.	0 m.p.h.	Read.	28.80 in.			
Set	66 °F	Char.	Calm	Corr.	28.68 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov.	— mi.	Sea L.	29.99 in.	Clds. ^{st cir} 7/10	Clds. ^{Sc} 5/10	Clds. 9/10
Ppn. Liq.	0.00 in.	Prev. Dir.	—	3 hr. Tend.	+1' mb	Wx Humid P. Cloudy Sunny	Wx Warm Sunny	Wx M. Cloudy
Ppn. Sol.	0.0 in.	Snow Depth	0 in.	Observer	AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} : 73
HDD: 0
 Σ HDD: 43
CDD: 8
 Σ CDD: 77

T_{DAVIS}: 66/64
T_{UNV}: 64/61
M_{MTS}: 83/60/65

T_w: 65
T_d: 63

Σ PCN_L: 3.39"
 Σ PCN_S: 0.00"

6/25/2009

Friday June 26, 2009 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 87 °F	Dir. WSW	Temp 72 °F	- SHTS 0020 - 0040 LT SHTS 0040 - 0100 LT SHRA 0100 - 0140 LT			
Min. * 66 °F	Vel. 0 m.p.h.	Read. 29.69 in.				
Set 69 °F	Char. Calm	Corr. 29.57 in.	*OVNT LOW 67			
R.H. 97 %	24 hr. Mov. — mi.	Sea L. 29.87 in.	Clds. 10/10	Clds. 10/10	Clds, Cu 10/10	
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. -0.0 mb	Wx Cloudy Humid	Wx Cloudy Humid	Wx P. Cloudy Calm	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	

7.77
HDD: 0
ΣHDD: 43
CDD: 12
ΣCDD: 89

Tdavis: 69/09
Tunv: 67/67
MMTS: 85/64/68

Tw: 68
Td: 68

ΣPCNL: 3.45"
ΣPCNs: 0.00"

6/26/2009

Saturday June 27, 2009 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. NW	Temp 72 °F			
Min. 60 °F	Vel. 0 m.p.h.	Read. 28.77 in.			
Set 63 °F	Char. Calm	Corr. 28.64 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. — mi.	Sea L. 29.96 in.	Clds. Ci 1/10	Clds. 5/10	Clds. 4/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx M. Clear Calm	Wx P. Cloudy	Wx m. Clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer KR	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

F: 70
HDD: 0
 Σ HDD: 43
CDD: 5
 Σ CDD: 94

Tdavis: 65/62
Tunv: 65/58
MMTS: ~~79~~/58/63

Tw: 59
Td: 67

Σ PCNL: 3.45"

Σ PCNs: 0.00"

6/27/2009

Sunday June 28, 2009 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	Dir.	Temp			0700	1300	1900
80 °F	SSW	72 °F					
Min.	Vel.	Read.					
60 °F	0 m.p.h.	28.76 in.					
Set	Char.	Corr.					
64 °F	Calm	28.64 in.					
R.H.	24 hr. Mov.	Sea L.		Clds.	Clds.	Clds.	
96 %	— mi.	29.95 in.		8/10	10/10	10/10	
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Wx	Wx	Wx	
0.00 in.	—	-3 mb		humid E. sunny	light cloudy rain	cloudy cool	
Ppn. Sol.	Snow Depth	Observer		Vis.	Vis.	Vis.	
0.0 in.	0 in.	AS		25 mi.	17 mi.	3 mi.	

T: 70
CDD: 5
 Σ CDD: 99
HDD: 0
 Σ HDD: 43

TDAVIS: 64/62
TUNN: 61/60
MIMTS: 78/59/63

TW: 64
TD: 63

Σ PCNL: 3.45"
 Σ PCNS: 0.00"

6/28/2009

Monday June 29, 2009

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 70 °F	Dir. S	Temp 75 °F	-SHRA 1200-1215, 1600-1630 0015-0030			
Min. 57 °F	Vel. 3 m.p.h.	Read. 28.66 in.	-DZ 1900-1930, 2330-2345 0030-0045			
Set 60 °F	Char. Light	Corr. 28.53 in.	RA 1630-1700, 1815-1830, 2345-0015			
R.H. 95 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	Clds. 0/10	Clds. Cu 2/10	Clds. 5/10	
Ppn. Liq. 0.52 in.	Prev. Dir. —	3 hr. Tend. 0 — mb	Wx Clear Cool	Wx M. Clear Nice	Wx P. Cloudy Breezy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 64
HDD: 1
 Σ HDD: 44
CDD: 0
SCDD: 99

T DAVIS: 62/61
TUNV: 62/59
MMTS: 67/56/60

Tw: 59
Td: 58

Σ PCN_L: 3.97"
 Σ PCN_S: 0.00"

6/29/09

Tuesday June 30, 2009
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. WSW	Temp 73 °F	RA 0330-0400 LT -DZ 0400-0415 LT RA 0600-0630 LT +TSRA 0715-0730 LT TSRA 0430-0500 LT *OVNT LOW: 61			
Min. 60* °F	Vel. 1 m.p.h.	Read. 28.50 in.				
Set 62 °F	Char. Light	Corr. 28.37 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.68 in.	Clds. 8/10	Clds. 9/10	Clds. 7/10	
Ppn. Liq. 0.13 in.	Prev. Dir. —	3 hr. Tend. +1' umb	Wx Cloudy Humid	Wx Cloudy Cool	Wx P. Cloudy Cool	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T: 70
HDD: 0
SHDD: 44
CDD: 5
ΣCDD: 104

T_{DAVIS} - 62/62
T_{UNN}: 61/61
MMTS: 77/60/61

T_W: 62
T_d: 62

JUNE TEMPS.
 $\bar{T}_{MAX} = 75.2^{\circ}F$
 $\bar{T}_{MIN} = 58.2^{\circ}$
 $\bar{T}_{JUN} = 66.70^{\circ}$

ΣPCN_L: 4.10"
ΣPCN_S: 0.00"

6/30/09