

Tuesday, June 1, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir	Temp	Barom.	Temp	Dir	Temp	Barom.	
Max. 87 °F	Dir. SW	Temp 710 °F	710 °F	Dir. SW	Temp 710 °F	710 °F	710 °F	Dir. SW	Temp 710 °F	710 °F	
Min. 64 °F	Vel. 4 m.p.h.	Read. 28.75 in.	28.75 in.	Vel. 4 m.p.h.	Read. 28.75 in.	28.75 in.	28.75 in.	Vel. 4 m.p.h.	Read. 28.75 in.	28.75 in.	
Set	Char. 4	Corr. 28.75 in.	28.75 in.	Char. 4	Corr. 28.75 in.	28.75 in.	28.75 in.	Char. 4	Corr. 28.75 in.	28.75 in.	
R.H. 100 %	24 hr. Mov. -	Sea L. 30.05 in.	30.05 in.	24 hr. Mov. -	Sea L. 30.05 in.	30.05 in.	30.05 in.	24 hr. Mov. -	Sea L. 30.05 in.	30.05 in.	
Ppn. Liq. 0.12 in.	Prev. Dir. -	3 hr. Tend. 1+2 mb	1+2 mb	Prev. Dir. -	3 hr. Tend. 1+2 mb	1+2 mb	1+2 mb	Prev. Dir. -	3 hr. Tend. 1+2 mb	1+2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	MS	Snow Depth 0 in.	Observer MS	MS	MS	Snow Depth 0 in.	Observer MS	MS	
			+SHRA 0740-0800						+SHRA 0740-0800		
			0700						1300		
			1900						1900		
			Clds. SC						Clds. SC		
			10/10						10/10		
			Wx RA						Wx RA		
			Vis. RA						Wx cloudy		
			17 mi.						17 mi.		
			17 mi.						17 mi.		
			17 mi.						17 mi.		

Wednesday, June 2, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir	Temp	Barom.	Temp	Dir	Temp	Barom.	
Max. 79 °F	Dir. W	Temp 75 °F	75 °F	Dir. W	Temp 75 °F	75 °F	75 °F	Dir. W	Temp 75 °F	75 °F	
Min. 58 °F	Vel. 0 m.p.h.	Read. 28.79 in.	28.79 in.	Vel. 0 m.p.h.	Read. 28.79 in.	28.79 in.	28.79 in.	Vel. 0 m.p.h.	Read. 28.79 in.	28.79 in.	
Set	Char. calm	Corr. 28.66 in.	28.66 in.	Char. calm	Corr. 28.66 in.	28.66 in.	28.66 in.	Char. calm	Corr. 28.66 in.	28.66 in.	
R.H. 84 %	24 hr. Mov. -	Sea L. 29.98 in.	29.98 in.	24 hr. Mov. -	Sea L. 29.98 in.	29.98 in.	29.98 in.	24 hr. Mov. -	Sea L. 29.98 in.	29.98 in.	
Ppn. Liq. 0.15 in.	Prev. Dir. -	3 hr. Tend. 1+1 mb	1+1 mb	Prev. Dir. -	3 hr. Tend. 1+1 mb	1+1 mb	1+1 mb	Prev. Dir. -	3 hr. Tend. 1+1 mb	1+1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer AP	AP	Snow Depth 0.0 in.	Observer AP	AP	AP	Snow Depth 0.0 in.	Observer AP	AP	
			-RA 802-1046 LT						-RA 802-1046 LT		
			RA 1105-1115						RA 1105-1115		
			0700						1300		
			1900						1900		
			Clds. Ci						Clds. St		
			2/10						3/10		
			Wx smy						Wx warm		
			Vis. smy						Wx warm		
			17 mi.						25 mi.		
			17 mi.						17 mi.		
			17 mi.						17 mi.		

Thursday, June 3, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir	Temp	Barom.	Temp	Dir	Temp	Barom.	
Max. 83 °F	Dir. SW	Temp 75 °F	75 °F	Dir. SW	Temp 75 °F	75 °F	75 °F	Dir. SW	Temp 75 °F	75 °F	
Min. 61 °F	Vel. 3 m.p.h.	Read. 28.107 in.	28.107 in.	Vel. 3 m.p.h.	Read. 28.107 in.	28.107 in.	28.107 in.	Vel. 3 m.p.h.	Read. 28.107 in.	28.107 in.	
Set	Char. mild	Corr. 28.54 in.	28.54 in.	Char. mild	Corr. 28.54 in.	28.54 in.	28.54 in.	Char. mild	Corr. 28.54 in.	28.54 in.	
R.H. 84 %	24 hr. Mov. -	Sea L. 29.97 in.	29.97 in.	24 hr. Mov. -	Sea L. 29.97 in.	29.97 in.	29.97 in.	24 hr. Mov. -	Sea L. 29.97 in.	29.97 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. 1+1.5 mb	1+1.5 mb	Prev. Dir. -	3 hr. Tend. 1+1.5 mb	1+1.5 mb	1+1.5 mb	Prev. Dir. -	3 hr. Tend. 1+1.5 mb	1+1.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	MS	Snow Depth 0 in.	Observer MS	MS	MS	Snow Depth 0 in.	Observer MS	MS	
			*OVRT LOW 63						*OVRT LOW 63		
			0700						1300		
			1900						1900		
			Clds. SC						Clds. Cu		
			10/10						4/10 Cu		
			Wx damp						Wx Wx		
			Vis. damp						Wx Wx		
			17 mi.						25 mi.		
			17 mi.						17 mi.		
			17 mi.						17 mi.		

Friday, June 4, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir	Temp	Barom.	Temp	Dir	Temp	Barom.	
Max. 82 °F	Dir. W	Temp 75 °F	75 °F	Dir. W	Temp 75 °F	75 °F	75 °F	Dir. W	Temp 75 °F	75 °F	
Min. 66 °F	Vel. 1 m.p.h.	Read. 28.73 in.	28.73 in.	Vel. 1 m.p.h.	Read. 28.73 in.	28.73 in.	28.73 in.	Vel. 1 m.p.h.	Read. 28.73 in.	28.73 in.	
Set	Char. calm	Corr. 28.60 in.	28.60 in.	Char. calm	Corr. 28.60 in.	28.60 in.	28.60 in.	Char. calm	Corr. 28.60 in.	28.60 in.	
R.H. 93 %	24 hr. Mov. -	Sea L. 29.90 in.	29.90 in.	24 hr. Mov. -	Sea L. 29.90 in.	29.90 in.	29.90 in.	24 hr. Mov. -	Sea L. 29.90 in.	29.90 in.	
Ppn. Liq. 0.18 in.	Prev. Dir. -	3 hr. Tend. 1+1 mb	1+1 mb	Prev. Dir. -	3 hr. Tend. 1+1 mb	1+1 mb	1+1 mb	Prev. Dir. -	3 hr. Tend. 1+1 mb	1+1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer AP	AP	Snow Depth 0.0 in.	Observer AP	AP	AP	Snow Depth 0.0 in.	Observer AP	AP	
			-RA 0100-0120 LT						-RA 0100-0120 LT		
			RA 0520-0540 LT						RA 0520-0540 LT		
			0700						1300		
			1900						1900		
			Clds. St						Clds. Sc		
			5/10						7/10		
			Wx mild						Wx humid		
			Vis. mild						Wx sticky		
			10 mi.						17 mi.		
			17 mi.						17 mi.		
			17 mi.						17 mi.		

Saturday, June 5, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir	Temp	Barom.	Temp	Dir	Temp	Barom.	
Max. 83 °F	Dir. WSW	Temp 76 °F	76 °F	Dir. WSW	Temp 76 °F	76 °F	76 °F	Dir. WSW	Temp 76 °F	76 °F	
Min. 66 °F	Vel. 7 m.p.h.	Read. 28.62 in.	28.62 in.	Vel. 7 m.p.h.	Read. 28.62 in.	28.62 in.	28.62 in.	Vel. 7 m.p.h.	Read. 28.62 in.	28.62 in.	
Set	Char. breezy	Corr. 28.49 in.	28.49 in.	Char. breezy	Corr. 28.49 in.	28.49 in.	28.49 in.	Char. breezy	Corr. 28.49 in.	28.49 in.	
R.H. 100 %	24 hr. Mov. -	Sea L. 29.78 in.	29.78 in.	24 hr. Mov. -	Sea L. 29.78 in.	29.78 in.	29.78 in.	24 hr. Mov. -	Sea L. 29.78 in.	29.78 in.	
Ppn. Liq. 0.06 in.	Prev. Dir. -	3 hr. Tend. 1+0 mb	1+0 mb	Prev. Dir. -	3 hr. Tend. 1+0 mb	1+0 mb	1+0 mb	Prev. Dir. -	3 hr. Tend. 1+0 mb	1+0 mb	
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer AP	AP	Snow Depth 0 in.	Observer AP	AP	AP	Snow Depth 0 in.	Observer AP	AP	
			-RA 0300-0420 LT						-RA 0300-0420 LT		
			*OVRT LOW 67						*OVRT LOW 67		
			0700						1300		
			1900						1900		
			Clds. Sc						Clds. Sc		
			8/10						7/10		
			Wx muggy						Wx -RA		
			Vis. muggy						Wx -RA		
			10 mi.						17 mi.		
			10 mi.						17 mi.		
			17 mi.						17 mi.		

Sunday, June 6, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir	Temp	Barom.	Temp	Dir	Temp	Barom.	
Max. 82 °F	Dir. SW	Temp 75 °F	75 °F	Dir. SW	Temp 75 °F	75 °F	75 °F	Dir. SW	Temp 75 °F	75 °F	
Min. 60 °F	Vel. 11 m.p.h.	Read. 28.31 in.	28.31 in.	Vel. 11 m.p.h.	Read. 28.31 in.	28.31 in.	28.31 in.	Vel. 11 m.p.h.	Read. 28.31 in.	28.31 in.	
Set	Char. gusty	Corr. 28.18 in.	28.18 in.	Char. gusty	Corr. 28.18 in.	28.18 in.	28.18 in.	Char. gusty	Corr. 28.18 in.	28.18 in.	
R.H. 84 %	24 hr. Mov. -	Sea L. 29.50 in.	29.50 in.	24 hr. Mov. -	Sea L. 29.50 in.	29.50 in.	29.50 in.	24 hr. Mov. -	Sea L. 29.50 in.	29.50 in.	
Ppn. Liq. 0.08 in.	Prev. Dir. -	3 hr. Tend. 1+3.5 mb	1+3.5 mb	Prev. Dir. -	3 hr. Tend. 1+3.5 mb	1+3.5 mb	1+3.5 mb	Prev. Dir. -	3 hr. Tend. 1+3.5 mb	1+3.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	MS	Snow Depth 0 in.	Observer MS	MS	MS	Snow Depth 0 in.	Observer MS	MS	
			OVRT LOW, 68						OVRT LOW, 68		
			0700						1300		
			1900						1900		
			Clds. Sc						Clds. Sc		
			9/10						Sc		
			Wx warm						Wx warm		
			Vis. warm						Wx cloudy		
			25 mi.						25 mi.		
			25 mi.						25 mi.		
			25 mi.						25 mi.		

Monday, June 7, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir	Temp	Barom.	Temp	Dir	Temp	Barom.	
Max. 78 °F	Dir. -	Temp 75 °F	75 °F	Dir. -	Temp 75 °F	75 °F	75 °F	Dir. -	Temp 75 °F	75 °F	
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.72 in.	28.72 in.	Vel. 0 m.p.h.	Read. 28.72 in.	28.72 in.	28.72 in.	Vel. 0 m.p.h.	Read. 28.72 in.	28.72 in.	
Set	Char. -	Corr. 28.59 in.	28.59 in.	Char. -	Corr. 28.59 in.	28.59 in.	28.59 in.	Char. -	Corr. 28.59 in.	28.59 in.	
R.H. 80 %	24 hr. Mov. -	Sea L. 30.07 in.	30.07 in.	24 hr. Mov. -	Sea L. 30.07 in.	30.07 in.	30.07 in.	24 hr. Mov. -	Sea L. 30.07 in.	30.07 in.	
Ppn. Liq. 0.02 in.	Prev. Dir. -	3 hr. Tend. 1+1.5 mb	1+1.5 mb	Prev. Dir. -	3 hr. Tend. 1+1.5 mb	1+1.5 mb	1+1.5 mb	Prev. Dir. -	3 hr. Tend. 1+1.5 mb	1+1.5 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	MS	Snow Depth 0 in.	Observer MS	MS	MS	Snow Depth 0 in.	Observer MS	MS	
			-DZ 0900						-DZ 0900		
			-SH RA 0020						-SH RA 0020		
			0700						1300		
			1900						1900		
			Clds. Sc						Clds. Cu		
			10/10						5/10		
			Wx calm						Wx calm		
			Vis. calm						Wx Breezy		
			25 mi.						25 mi.		
			25 mi.						25 mi.		
			25 mi.						25 mi.		

Tuesday, June 8, 2010  
0700 EST  
Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Dir	Temp	Barom.	Temp	Dir	Temp	Barom.	
Max. 70 °F	Dir. NNE	Temp 74 °F	74 °F	Dir. NNE	Temp 74 °F	74 °F	74 °F	Dir. NNE	Temp 74 °F	74 °F	
Min. 50 °F	Vel. 3 m.p.h.	Read. 29.01 in.	29.01 in.	Vel. 3 m.p.h.	Read. 29.01 in.	29.01 in.	29.01 in.	Vel. 3 m.p.h.	Read. 29.01 in.	29.01 in.	
Set	Char. light	Corr. 28.88 in.	28.88 in.	Char. light	Corr. 28.88 in.	28.88 in.	28.88 in.	Char. light	Corr. 28.88 in.	28.88 in.	
R.H. 89 %	24 hr. Mov. -	Sea L. 30.41 in.	30.41 in.	24 hr. Mov. -	Sea L. 30.41 in.	30.41 in.	30.41 in.	24 hr. Mov. -	Sea L. 30.41 in.	30.41 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. 1+2 mb	1+2 mb	Prev. Dir. -	3 hr. Tend. 1+2 mb	1+2 mb	1+2 mb	Prev. Dir. -	3 hr. Tend. 1+2 mb	1+2 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	MS	Snow Depth 0 in.	Observer MS	MS	MS	Snow Depth 0 in.	Observer MS	MS	
			OVRT LOW, 68						OVRT LOW, 68		
			0700						1300		
			1900						1900		
			Clds. Sc						Clds. Sc		
			01/10						4/10		
			Wx muggy						Wx warm		
			Vis. muggy						Wx mild		
			25 mi.						25 mi.		

F: 70  
 HDD: 0  
 SHDD: 0  
 CDD: 11  
 SCDD: 11  
 TDAYS: 066/068  
 Turnv: 066/068  
 MMTS: 84/04/068  
 Tw: 066  
 Ta: 066  
 F: 69  
 HDD: 0  
 SHDD: 0  
 CDD: 4  
 SCDD: 15  
 TDAYS: 62/61  
 Turnv: 60/58  
 MMTS: 78/57/61  
 Tw: 57  
 Ta: 55

Σ PCNL: 0.12"  
 Σ PCNS: 0  
 0/11/10  
 Σ PCNL: 0.27"  
 Σ PCNS: 0  
 6/12/10

F: 72  
 HDD: 0  
 SHDD: 0  
 CDD: 19  
 SCDD: 28  
 TDAYS: 088/07  
 Turnv: 09/04  
 MMTS: 81/59/07  
 Tw: 085  
 Ta: 083  
 F: 74  
 HDD: 0  
 SHDD: 0  
 CDD: 9  
 SCDD: 31  
 TDAYS: 67/67  
 Turnv: 68/67  
 MMTS: 81/61/66  
 Tw: 66  
 Ta: 65

Σ PCNL: 0.27"  
 Σ PCNS: 0.0  
 0/13/10  
 Σ PCNL: 0.40"  
 Σ PCNS: 0  
 6/14/10

F: 75  
 HDD: 0  
 SHDD: 0  
 CDD: 10  
 SCDD: 41  
 TDAYS: 69/69  
 Turnv: 68/67  
 MMTS: 81/65/69  
 Tw: 67  
 Ta: 67  
 F: 74  
 HDD: 0  
 SHDD: 0  
 CDD: 9  
 SCDD: 50  
 TDAYS: 73/71  
 Turnv: 73/08  
 MMTS: 80/05/72  
 Tw: 69  
 Ta: 08

Σ PCNL: 0.46"  
 Σ PCNS: 0  
 6/15/10  
 Σ PCNL: 0.54"  
 Σ PCNS: 0  
 0/01/10

F: 07  
 HDD: 0  
 SHDD: 0  
 CDD: 2  
 SCDD: 52  
 TDAYS: 58/52  
 Turnv: 50/48  
 MMTS: 77/55/50  
 Tw: 53  
 Ta: 51  
 F: 00  
 HDD: 5  
 SHDD: 5  
 CDD: 0  
 SCDD: 52  
 TDAYS: 54/48  
 Turnv: 52/40  
 MMTS: 08/49/54  
 Tw: 51  
 Ta: 50

Σ PCNL: 0.56"  
 Σ PCNS: 0  
 0/7/10  
 Σ PCNL: 0.56"  
 Σ PCNS: 0  
 0/8/10

F: 63  
 HDD: 2  
 SHDD: 7  
 CDD: 0  
 SCDD: 52  
 TDAYS: 57/51  
 Turnv: 56/49  
 MMTS: 69/54/55  
 Tw: 55  
 Ta: 54  
 F: 59  
 HDD: 0  
 SHDD: 13  
 CDD: 0  
 SCDD: 52  
 TDAYS: 02/02  
 Turnv: 03/03  
 MMTS: 01/53/00  
 Tw: 03  
 Ta: 02

Σ PCNL: 0.59"  
 Σ PCNS: 0  
 6/19/10  
 Σ PCNL: 1.73"  
 Σ PCNS: 0  
 0/10/10

Friday June 11, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 78 °F	Dir NWN	74 °F	0700	cs	ci	cs
Min 55 °F	Vel 1 m.p.h.	Read 28.91 in.	1300	3/10	3/10	4/10
Set 57 °F	Char calm	Corr 28.78 in.	1900			
R.H. 93 %	24 hr Mov. /	Sea L. 30.13 in.				
Ppn. Liq. 0.00 in.	Prev. Dir. /	3 hr Tend. 14.5 mb				
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AP	Vis. 25 mi.	Wx nice	Wx mild	Wx nice

Sunday June 13, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 88 °F	Dir SW	76 °F	0700	sc		
Min 67* °F	Vel 3 m.p.h.	Read 28.68 in.	1300	8/10		
Set 75 °F	Char on/off	Corr 28.5 in.	1900			
R.H. 98 %	24 hr Mov. /	Sea L. 29.83 in.				
Ppn. Liq. 0.00 in.	Prev. Dir. /	3 hr Tend. 1.5 mb				
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer AP	Vis. 10 mi.	Wx sticky	Wx	Wx muggy

Tuesday June 15, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 77 °F	Dir NNE	75 °F	0700	sc	sc	sc
Min 65 °F	Vel 5 m.p.h.	Read 28.93 in.	1300	10/10	10/10	8/10
Set 65 °F	Char BRUZY	Corr 28.80 in.	1900			
R.H. 81 %	24 hr Mov. /	Sea L. 30.23 in.				
Ppn. Liq. T in.	Prev. Dir. /	3 hr Tend. +1.5 mb				
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Vis. 25 mi.	Wx calm	Wx warm sunny	Wx

Thursday June 17, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 83 °F	Dir NNNW	70 °F	0700	cu	cu	sc
Min 63 °F	Vel 13 m.p.h.	Read 28.80 in.	1300	9/10	4/10	
Set 64 °F	Char GUSTY	Corr 28.67 in.	1900			
R.H. 81 %	24 hr Mov. /	Sea L. 30.10 in.				
Ppn. Liq. T in.	Prev. Dir. /	3 hr Tend. +2 mb				
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Vis. 25 mi.	Wx rain	Wx warm warm	Wx

Saturday June 19, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 81 °F	Dir /	70 °F	0700	st		
Min 57 °F	Vel 0 m.p.h.	Read 28.90 in.	1300	1/10		
Set 64 °F	Char /	Corr 28.83 in.	1900			
R.H. 92 %	24 hr Mov. /	Sea L. 30.20 in.				
Ppn. Liq. 0.00 in.	Prev. Dir. /	3 hr Tend. -0 mb				
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Vis. 25 mi.	Wx calm	Wx	Wx rain

Saturday June 12, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 78 °F	Dir SWS	74 °F	0700	sc		
Min 57** °F	Vel 0 m.p.h.	Read 28.83 in.	1300	10/10		
Set 67 °F	Char calm	Corr 28.70 in.	1900			
R.H. 94 %	24 hr Mov. /	Sea L. 30.00 in.				
Ppn. Liq. 0.00 in.	Prev. Dir. /	3 hr Tend. +0 mb				
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AP	Vis. 10 mi.	Wx sticky	Wx	Wx sticky

Monday June 14, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 83 °F	Dir NNW	75 °F	0700	sc	sc	sc
Min 62 °F	Vel 3 m.p.h.	Read 28.83 in.	1300	10/10	5/10	9/10
Set 67 °F	Char calm	Corr 28.70 in.	1900			
R.H. 98 %	24 hr Mov. /	Sea L. 30.13 in.				
Ppn. Liq. 0.03 in.	Prev. Dir. /	3 hr Tend. -0 mb				
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Vis. 17 mi.	Wx muggy	Wx warm warm	Wx

Wednesday June 16, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 74 °F	Dir S	74 °F	0700	st	st	sc
Min 64* °F	Vel 6 m.p.h.	Read 28.82 in.	1300	5/10	5/10	5/10
Set 67 °F	Char variable	Corr 28.95 in.	1900			
R.H. 94 %	24 hr Mov. /	Sea L. 30.26 in.				
Ppn. Liq. T in.	Prev. Dir. /	3 hr Tend. -1.0 mb				
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AP	Vis. 10 mi.	Wx dull	Wx warm	Wx mild

Friday June 18, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 74 °F	Dir N	74 °F	0700	ci	ci	ci
Min 53 °F	Vel 1 m.p.h.	Read 28.91 in.	1300	0/10	2/10	2/10
Set 58 °F	Char calm	Corr 28.78 in.	1900			
R.H. 78 %	24 hr Mov. /	Sea L. in.				
Ppn. Liq. 0.00 in.	Prev. Dir. /	3 hr Tend. +1.5 mb				
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer AP	Vis. 25 mi.	Wx clear	Wx hot!	Wx warm

Sunday June 20, 2010 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	Clds.	Clds.	Clds.
Max 88 °F	Dir SW	70 °F	0700	cu		
Min 61 °F	Vel 1 m.p.h.	Read 28.87 in.	1300	4/10		
Set 71 °F	Char right	Corr 28.74 in.	1900			
R.H. 90 %	24 hr Mov. /	Sea L. 30.17 in.				
Ppn. Liq. T in.	Prev. Dir. /	3 hr Tend. +3.3 mb				
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Vis. 25 mi.	Wx warm	Wx	Wx A-OK!

\* OVRT LOW 65

\* OVRT LOW 74

\* OVRT LOW 67

\* OVRT LOW 70

~SH RA 0900-1100 LT

SH RA 1020-1700

SH RA 1100-1120 LT  
 SH RA 0700-0715 LT

2415 SH RA  
 2320 SH RA LT

F: 67      Tdms: 58/57      Tw: 56      F: 68      Tdms: 67/65      Tw: 65  
 HDD: 0      Turnv: 57/54      Td: 55      HDD: 0      Turnv: 66/64      Td: 64  
 SHDD: 13      MMTS: 77/53/57      SHDD: 13      MMTS: 77/57/66  
 CDD: 2      CDD: 57  
 SCDD: 54

PCNL: 1.73"  
 PCNS: 0"      6/11/10      PCNL: 1.73"  
 PCNS: 0"      6/12/10

F: 78      Tdms: 74/74      Tw: 74      F: 73      Tdms: 64/60      Tw: 64  
 HDD: 0      Turnv: 74/72      Td: 74      HDD: 0      Turnv: 60/64  
 SHDD: 13      MMTS: 87/66/74      SHDD: 13      MMTS: 82/61/60  
 CDD: 13      CDD: 8  
 SCDD: 70      SCDD: 78

PCNL: 1.73"  
 PCNS: 0.0"      6/13/10      PCNL: 1.70"  
 PCNS: 0.0"      6/14/10

F: 71      Tdms: 60/63      Tw: 61      F: 69      Tdms: 67/67      Tw: 65  
 HDD: 0      Turnv: 65/58      Td: 59      HDD: 0      Turnv: 66/66      Td: 64  
 SHDD: 13      MMTS: 75/64/64      SHDD: 13      MMTS: 72/63/66  
 CDD: 6      CDD: 4  
 SCDD: 84      SCDD: 88

PCNL: 1.70"  
 PCNS: 0.0"      6/15/10      PCNL: 1.76"  
 PCNS: 0.0"      6/16/10

F: 73      Tdms: 65/60      Tw: 60      F: 64      Tdms: 58/56      Tw: 54  
 HDD: 0      Turnv: 63/55      Td: 58      HDD: 1      Turnv: 58/54      Td: 52  
 SHDD: 13      MMTS: 81/62/62      SHDD: 14      MMTS: 72/52/56  
 CDD: 8      CDD: 0  
 SCDD: 90      SCDD: 96

PCNL: 1.76"  
 PCNS: 0.0"      6/17/10      PCNL: 1.76"  
 PCNS: 0.0"      6/18/10

F: 69      Tdms: 67/64      Tw: 65      F: 78      Tdms: 72/70      Tw: 70  
 HDD: 0      Turnv: 63/61      Td: 64      HDD: 0      Turnv: 71/67      Td: 69  
 SHDD: 14      MMTS: 78/55/60      SHDD: 14      MMTS: 84/60/70  
 CDD: 4      CDD: 13  
 SCDD: 100      SCDD: 111

PCNL: 1.76"  
 PCNS: 0.0"      6/19/10      PCNL: 1.76"  
 PCNS: 0.0"      6/20/10

**Monday June 21, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 84 °F	Dir. SSW	Temp 75 °F	
Min. 61 °F	Vel. 4 m.p.h.	Read. 28.90 in.	
Set 68 °F	Char. <del>Light</del>	Corr. <del>0</del>	
R.H. 92 %	24 hr. Mov. <del>mi.</del>	Sea L. 30.20 in.	0700 Clds. Cu. 1110
Ppn. Liq. 0.00 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. /+2 mb	Wx nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 25 mi.
			1300 Clds. Sc. 10/10
			Wx warm nice
			Vis. 25 mi.
			1900 Clds. Sc. 8/10
			Wx nice
			Vis. 25 mi.

**Tuesday June 22, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. <del>mi.</del>	Temp 75 °F	-SH RA 0510 LT
Min. 60 °F	Vel. 0 m.p.h.	Read. 28.93 in.	
Set 70 °F	Char. <del>mi.</del>	Corr. 28.80 in.	
R.H. 87 %	24 hr. Mov. <del>mi.</del>	Sea L. 30.23 in.	0700 Clds. Sc. 10/10
Ppn. Liq. 0 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. -0 mb	Wx nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 25 mi.
			1300 Clds. Sc. 10/10
			Wx warm
			Vis. 25 mi.
			1900 Clds. Sc. 10/10
			Wx cloudy
			Vis. 25 mi.

**Wednesday June 23, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 82 °F	Dir. SW	Temp 75 °F	
Min. 69 °F	Vel. 9 m.p.h.	Read. 28.88 in.	
Set 72 °F	Char. <del>mi.</del>	Corr. <del>0</del>	
R.H. 95 %	24 hr. Mov. <del>mi.</del>	Sea L. 29.99 in.	0700 Clds. Cu. 2/10
Ppn. Liq. .12 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. /+1.5 mb	Wx warm
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP	Vis. 25 mi.
			1300 Clds. Cu. 3/10
			Wx hot
			Vis. 25 mi.
			1900 Clds. Sc. 4/10
			Wx mild
			Vis. 25 mi.

**Thursday June 24, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 89 °F	Dir. SSW	Temp 71.0 °F	-SH RA 2030 - 2130 LT
Min. 69 °F	Vel. 10 m.p.h.	Read. 28.78 in.	
Set 70 °F	Char. gusty	Corr. 28.05 in.	
R.H. 85 %	24 hr. Mov. <del>mi.</del>	Sea L. 30.08 in.	0700 Clds. Sc. 10/10
Ppn. Liq. 0 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. -0 mb	Wx humid
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 17 mi.
			1300 Clds. Cu. 5/10
			Wx warm
			Vis. 25 mi.
			1900 Clds. Sc. 4/10
			Wx hot
			Vis. 25 mi.

**Friday June 25, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 83 °F	Dir. <del>mi.</del>	Temp 75 °F	
Min. 62 °F	Vel. 0 m.p.h.	Read. 28.92 in.	
Set 65 °F	Char. <del>mi.</del>	Corr. <del>0</del>	
R.H. 90 %	24 hr. Mov. <del>mi.</del>	Sea L. 30.22 in.	0700 Clds. Cu. 8/10
Ppn. Liq. 0.00 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. /+2.0 mb	Wx mild
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 17 mi.
			1300 Clds. Cu. 9/10
			Wx warm
			Vis. 17 mi.
			1900 Clds. Sc. 10/10
			Wx hot
			Vis. 25 mi.

**Saturday June 26, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. W	Temp 75 °F	
Min. 63 °F	Vel. 1 m.p.h.	Read. 28.81 in.	
Set 67 °F	Char. <del>mi.</del>	Corr. <del>0</del>	
R.H. 90 %	24 hr. Mov. <del>mi.</del>	Sea L. 30.19 in.	0700 Clds. Sc. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. -0 mb	Wx calm
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 24 mi.
			1300 Clds. Sc. 8/10
			Wx warm
			Vis. 17 mi.
			1900 Clds. Sc. 5/10
			Wx four
			Vis. 17 mi.

**Sunday June 27, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. SW	Temp 75 °F	SH RA 0300 LT
Min. 67 °F	Vel. 1 m.p.h.	Read. 28.68 in.	+SH TS RA 0400 - 0520
Set 70 °F	Char. <del>mi.</del>	Corr. <del>0</del>	
R.H. 100 %	24 hr. Mov. <del>mi.</del>	Sea L. 29.93 in.	0700 Clds. Sc. 10/10
Ppn. Liq. 0.10 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. /-1 mb	Wx Hazy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 24 mi.
			1300 Clds. Sc. 10/10
			Wx not
			Vis. 17 mi.
			1900 Clds. Sc. 10/10
			Wx not
			Vis. 17 mi.

**Monday June 28, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 89 °F	Dir. WSW	Temp 71.0 °F	-SH RA 0915 - 0715
Min. 70 °F	Vel. 8 m.p.h.	Read. 28.53 in.	-SH RA 0745 - 0805
Set 75 °F	Char. breezy	Corr. 28.40 in.	
R.H. 71.0 %	24 hr. Mov. <del>mi.</del>	Sea L. 29.78 in.	0700 Clds. Sc. 10/10
Ppn. Liq. 0 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. -0.5 mb	Wx -RA
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 17 mi.
			1300 Clds. Sc. 8/10
			Wx not
			Vis. 25 mi.
			1900 Clds. Sc. 5/10
			Wx sc
			Vis. 25 mi.

**Tuesday June 29, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 80 °F	Dir. NW	Temp 75 °F	-SH RA 0630 - 0845 LT
Min. 67 °F	Vel. 3 m.p.h.	Read. 28.75 in.	SH RA 0945 - 0955 LT
Set 68 °F	Char. light	Corr. 28.62 in.	
R.H. 73 %	24 hr. Mov. <del>mi.</del>	Sea L. 29.92 in.	0700 Clds. Sc. 6/10
Ppn. Liq. 0.12 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. /+1.8 mb	Wx calm
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. 25 mi.
			1300 Clds. Cu. 7/10
			Wx calm
			Vis. 25 mi.
			1900 Clds. Cu. 6/10
			Wx nice
			Vis. 25 mi.

**Wednesday June 30, 2010** Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 77 °F	Dir. WNW	Temp 74 °F	
Min. 48 °F	Vel. 0 m.p.h.	Read. 28.92 in.	
Set 54 °F	Char. calm	Corr. 28.79 in.	
R.H. 59 %	24 hr. Mov. <del>mi.</del>	Sea L. 30.15 in.	0700 Clds. Sc. 1/10
Ppn. Liq. 6.00 in.	Prev. Dir. <del>mi.</del>	3 hr. Tend. /+5 mb	Wx cooler
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP	Vis. 25 mi.
			1300 Clds. Sc. 5/10
			Wx warm
			Vis. 25 mi.
			1900 Clds. Cu. 8/10
			Wx warm
			Vis. 25 mi.

T: 73  
 HDD: 0  
 Σ HDD: 14  
 CDD: 8  
 Σ CDD: 119  
 TDAYS: 68/64  
 TUNV: 67/62  
 MMTS: 82/60/65

T: 76  
 HDD: 0  
 Σ HDD: 14  
 CDD: 11  
 Σ CDD: 130  
 TDAYS: 70/67  
 TUNV: 69/64  
 MMTS: 82/65/68

PCNL: 1.76"  
 PCNS: 0.0  
 6/21/10

PCNL: 1.76"  
 PCNS: 0.0  
 6/22/10

T: 76  
 HDD: 0  
 Σ HDD: 14  
 CDD: 11  
 Σ CDD: 141  
 TDAYS: 73/72  
 TUNV: 74/68  
 MMTS: 81/68/73

T: 79  
 HDD: 0  
 Σ HDD: 14  
 CDD: 14  
 Σ CDD: 155  
 TDAYS: 76/74  
 TUNV: 79/70  
 MMTS: 87/68/75

Σ PCNL: 1.88"  
 Σ PCNS: 0.0  
 6/23/10

Σ PCNL: 1.88"  
 Σ PCNS: 0.0  
 6/24/10

T: 73  
 HDD: 0  
 Σ HDD: 14  
 CDD: 8  
 Σ CDD: 103  
 TDAYS: 66/64  
 TUNV: 65/61  
 MMTS: 82/61/65

T: 72  
 HDD: 0  
 Σ HDD: 14  
 CDD: 7  
 Σ CDD: 170  
 TDAYS: 60/65  
 TUNV: 65/63  
 MMTS: 79/61/66

Σ PCNL: 1.88"  
 Σ PCNS: 0.0  
 6/25/10

Σ PCNL: 1.88"  
 Σ PCNS: 0.0  
 6/26/10

T: 77  
 HDD: 0  
 Σ HDD: 14  
 CDD: 12  
 Σ CDD: 182  
 TDAYS: 69/69  
 TUNV: 68/68  
 MMTS: 84/66/69

T: 80  
 HDD: 0  
 Σ HDD: 14  
 CDD: 15  
 Σ CDD: 197  
 TDAYS: 75/71  
 TUNV: 74/67  
 MMTS: 87/69/74

Σ PCNL: 2.04"  
 Σ PCNS: 0.0  
 6/27/10

Σ PCNL: 2.04"  
 Σ PCNS: 0.0  
 6/28/10

T: 74  
 HDD: 0  
 Σ HDD: 14  
 CDD: 9  
 Σ CDD: 206  
 TDAYS: 69/66  
 TUNV: 70/63  
 MMTS: 79/66/68

T: 63  
 HDD: 2  
 Σ HDD: 16  
 CDD: 0  
 Σ CDD: 206  
 TDAYS: 54/48  
 TUNV: 53/46  
 MMTS: 75/47/53

DUNE TEMPS  

$$\left. \begin{aligned} \bar{T}_{max} &= 80.6^\circ F \\ \bar{T}_{min} &= 61.4^\circ \\ \bar{T}_{vuv} &= 71.02^\circ \end{aligned} \right\}$$

Σ PCNL: 2.16"  
 6/29/10

Σ PCNL: 2.16"  
 6/30/10