

Wednesday September 1st 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 90 °F	Dir. S	Temp 75 °F	Read. 29.01 in.	0700	1300
Min. 65 °F	Vel. 0 m.p.h.	Read. 29.01 in.	Corr.	Clds. 0/10	Clds. 1/10
Set 66 °F	Char. calm	Corr.	Sea L. 28.88 in.	Wx	Clds. 0/10
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Ppn. Liq. —	Wx	Wx
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.18 in.	Ppn. Liq. —	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MB	Observer MB	Vis. 9 mi.	Vis. 25 mi.
				Vis. 25 mi.	Vis. 25 mi.

Thursday Sept 2nd 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 90 °F	Dir. S/SE	Temp 75 °F	Read. 28.92 in.	0700	1300
Min. 65 °F	Vel. 1 m.p.h.	Read. 28.92 in.	Corr.	Clds. 0/10	Clds. 0/10
Set 68 °F	Char. calm	Corr.	Sea L. 28.785 in.	Wx	Clds. 1/10
R.H. 82 %	24 hr. Mov. — mi.	Sea L. 30.22 in.	Ppn. Liq. —	Wx	Clds. 2/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.22 in.	Ppn. Liq. —	Wx	Wx
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MB	Observer MB	Vis. 10 mi.	Vis. 17 mi.
				Vis. 17 mi.	Vis. 25 mi.

Friday September 3rd 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 91 °F	Dir. ESE	Temp 76 °F	Read. 28.75 in.	0700	1300
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.75 in.	Corr.	Clds. Cs	Clds. St.
Set 65 °F	Char. calm	Corr.	Sea L. 28.88 in.	Wx	Clds. St.
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.19 in.	Ppn. Liq. —	Wx	Clds. St.
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.19 in.	Ppn. Liq. —	Wx	Clds. St.
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MB	Observer MB	Vis. 9 mi.	Vis. 25 mi.
				Vis. 25 mi.	Vis. 10 mi.

Saturday September 4th 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 89 °F	Dir. WSW	Temp 74 °F	Read. 28.68 in.	0700	1300
Min. 59 °F	Vel. 10 m.p.h.	Read. 28.68 in.	Corr.	Clds. Ci	Clds. Ci
Set 60 °F	Char. steady	Corr.	Sea L. 28.81 in.	Wx	Clds. Ci
R.H. 68 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	Ppn. Liq. —	Wx	Clds. Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.14 in.	Ppn. Liq. —	Wx	Clds. Ci
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MB	Observer MB	Vis. 25 mi.	Vis. 25 mi.
				Vis. 25 mi.	Vis. 25 mi.

Sun September 5 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 67 °F	Dir. SW	Temp 49 °F	Read. 28.76 in.	0700	1300
Min. 51 °F	Vel. 4 m.p.h.	Read. 28.76 in.	Corr.	Clds. St	Clds. Cs
Set 52 °F	Char. moderate	Corr.	Sea L. 28.63 in.	Wx	Clds. Cs
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 29.98 in.	Ppn. Liq. —	Wx	Clds. Cs
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 29.98 in.	Ppn. Liq. —	Wx	Clds. Cs
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP	Observer ALP	Vis. 25 mi.	Vis. 25 mi.
				Vis. 25 mi.	Vis. 25 mi.

Monday 6 Sept. 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 68 °F	Dir. —	Temp 73 °F	Read. 29.08 in.	0700	1300
Min. 46 °F	Vel. 0 m.p.h.	Read. 29.08 in.	Corr.	Clds. Ci	Clds. Cs
Set 48 °F	Char. calm	Corr.	Sea L. 28.95 in.	Wx	Clds. Cs
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Ppn. Liq. —	Wx	Clds. Cs
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.32 in.	Ppn. Liq. —	Wx	Clds. Cs
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer GOS	Observer GOS	Vis. 25 mi.	Vis. 25 mi.
				Vis. 25 mi.	Vis. 25 mi.

Tuesday Sept 7 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 78 °F	Dir. —	Temp 74 °F	Read. 29.03 in.	0700	1300
Min. 48 °F	Vel. 0 m.p.h.	Read. 29.03 in.	Corr.	Clds. A, Cs	Clds. Ci
Set 59 °F	Char. none	Corr.	Sea L. 28.90 in.	Wx	Clds. Ci
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.36 in.	Ppn. Liq. —	Wx	Clds. Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.36 in.	Ppn. Liq. —	Wx	Clds. Ci
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Observer HW	Vis. 25 mi.	Vis. 25 mi.
				Vis. 25 mi.	Vis. 25 mi.

Wednesday Sept 8th 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 89 °F	Dir. SW	Temp 76 °F	Read. 28.84 in.	0700	1300
Min. 59 °F	Vel. 10 m.p.h.	Read. 28.84 in.	Corr.	Clds. Cu	Clds. Cu
Set 68 °F	Char. breezy	Corr.	Sea L. 28.70 in.	Wx	Clds. Cu
R.H. 63 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Ppn. Liq. —	Wx	Clds. Cu
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.01 in.	Ppn. Liq. —	Wx	Clds. Cu
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer MB	Observer MB	Vis. 25 mi.	Vis. 25 mi.
				Vis. 25 mi.	Vis. 25 mi.

Thursday Sept 9 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 76 °F	Dir. W	Temp 73 °F	Read. 28.83 in.	0700	1300
Min. 56 °F	Vel. 5 m.p.h.	Read. 28.83 in.	Corr.	Clds. A, St	Clds. St
Set 57 °F	Char. steady	Corr.	Sea L. 28.70 in.	Wx	Clds. St
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.18 in.	Ppn. Liq. —	Wx	Clds. St
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.18 in.	Ppn. Liq. —	Wx	Clds. St
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer HW	Observer HW	Vis. 10 mi.	Vis. 25 mi.
				Vis. 10 mi.	Vis. 25 mi.

Friday, Sept. 10 2010 Meteorological Observatory University Park, PA 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 67 °F	Dir. NW	Temp 72 °F	Read. 28.86 in.	0700	1300
Min. 55 °F	Vel. 3 m.p.h.	Read. 28.86 in.	Corr.	Clds. Sc	Clds. Sc
Set 56 °F	Char. calm	Corr.	Sea L. 28.73 in.	Wx	Clds. Sc
R.H. 88 %	24 hr. Mov. — mi.	Sea L. 30.09 in.	Ppn. Liq. —	Wx	Clds. Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 30.09 in.	Ppn. Liq. —	Wx	Clds. Sc
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MB	Observer MB	Vis. 25 mi.	Vis. 25 mi.
				Vis. 25 mi.	Vis. 25 mi.

T: 78 T_{Davis}: 67/66 T_w: 64
 ADD: 0 T_{unv}: 64/63 T_d: 63
 Σ ADD: 0 mmts: 88/63/66
 CDD: 13
 Σ CDD: 13

Σ PCNL: 0.00"
 Σ PCNS: 0.00" 9/1/10

T: 78 T_{Davis}: 65/63 T_w: 63
 ADD: 0 T_{unv}: 62/60 T_d: 62
 Σ ADD: 0 mmts: 90/63/63
 CDD: 13
 Σ CDD: 39

Σ PCNL: 0.00"
 Σ PCNS: 0.00" 9/3/10

T: 39 T_{Davis}: 52/48 T_w: 49
 HDD: 6 T_{unv}: 52/45 T_d: 48
 Σ ADD: 6 mmts: 66/49/61
 CDD: 0
 Σ CDD: 48

Σ PCNL: 0.00"
 Σ PCNS: 0.00" 9/5/10

T: 63 T_{unv}: 59/53 T_w: 56
 HDD: 2 T_{Davis}: 60/55 T_d: 52
 Σ HDD: 16 mmts: 77/48/58
 CDD: 0
 Σ CDD: 48

Σ PCNL: ~~0.00~~ T
 Σ PCNS: 0.00" 9/7/10

T: 68 T_{unv}: 56/49 T_w: 53
 HDD: 0 T_{Davis}: 56/52 T_d: 49
 Σ HDD: 16 mmts: 73/55/58
 CDD: 1
 Σ CDD: 58

Σ PCNL: Trace
 Σ PCNS: 0.00" 9/9/10

T: 78 T_{Davis}: 67/67 T_w: 65
 HDD: 0 T_{unv}: 65/63 T_d: 63
 Σ HDD: 0 mmts: 88/64/66
 CDD: 13
 Σ CDD: 26

Σ PCNL: 0.00"
 Σ PCNS: 0.00" 9/2/10

T: 74 T_{Davis}: 60/52 T_w: 54
 HDD: 0 T_{unv}: 61/49 T_d: 50
 Σ HDD: 0 mmts: 87/59/60
 CDD: 9
 Σ CDD: 48

Σ PCNL: 0.00"
 Σ PCNS: 0.00" 9/4/10

T: 59 T_{unv}: 47/46 T_w: 48
 ADD: 8 T_{Davis}: 49/48 T_d: 48
 Σ ADD: 14 mmts: 66/44/48
 CDD: 0
 Σ CDD: 48

Σ PCNL: T
 Σ PCNS: 0.00" 9/6/10

T: 74 T_{unv}: 68/56 T_w: 60
 HDD: 0 T_{Davis}: 68/59 T_d: 55
 Σ HDD: 16 mmts: 88/58/67
 CDD: 9
 Σ CDD: 57

Σ PCNL: Trace
 Σ PCNS: 0.00"

T: 61 T_{unv}: 56/50 T_w: 54
 ADD: 4 T_{Davis}: 56/53 T_d: 52.5
 Σ ADD: 20 mmts: 65/43/55
 CDD: 6
 Σ CDD: 58

Σ PCNL: Trace
 Σ PCNS: 0.00" 9-10-10

Saturday, September 11, 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 68°F	Dir. N E	Temp 73°F			
Min. 47°F	Vel. 1 m.p.h.	Read. 28.91 in.			
Set	Char.	Corr.			
50°F	Steady	28.79 in.	0700	1300	1900
R.H. 93%	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. Ci	Clds. Cu	Clds. Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. / +1.0 mb	6/10	Wx	8/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer EC	Wx 0001	Wx	Wx nice
			Vis. 25 mi.	Vis. /	Vis. 25 mi.

Sunday, September 12, 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73°F	Dir. SE	Temp 73°F			
Min. 50°F	Vel. 2 m.p.h.	Read. 28.70 in.			
Set	Char.	Corr.			
59°F	Right	28.51 in.	0700	1300	1900
R.H. 100%	24 hr. Mov. — mi.	Sea L. 30.05 in.	Clds. Sc	Clds. Cu	Clds. Sc
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. —0 mb	10/10	Wx	8/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Wx -HZ	Wx	Wx dull
			Vis. 29 mi.	Vis. /	Vis. 29 mi.

Monday, Sept. 13th 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 69°F	Dir. —	Temp 73°F			
Min. 49°F	Vel. 0 m.p.h.	Read. 28.89 in.			
Set	Char.	Corr.			
52°F	calm	28.76 in.	0700	1300	1900
R.H. 100%	24 hr. Mov. — mi.	Sea L. 30.13 in.	Clds. Sc	Clds. Cu	Clds. Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —0 mb	7/10	Wx	10/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Wx some fog	Wx gorgeous	Wx nice
			Vis. 25 mi.	Vis. 225 mi.	Vis. 25 mi.

Tuesday, Sept 14, 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77°F	Dir. N	Temp 72°F			
Min. 52°F	Vel. 5 m.p.h.	Read. 28.86 in.			
Set	Char.	Corr.			
57°F	Steady	28.74 in.	0700	1300	1900
R.H. 67%	24 hr. Mov. — mi.	Sea L. 30.21 in.	Clds. As	Clds. Cu	Clds. Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 2/ mb	4/10	Wx	2/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MW	Wx nice	Wx Pleasant	Wx nice
			Vis. 17 mi.	Vis. 25 mi.	Vis. 24 mi.

Wednesday, Sept. 15th 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73°F	Dir. NNW	Temp 72°F			
Min. 52°F	Vel. 1 m.p.h.	Read. 29.01 in.			
Set	Char.	Corr.			
55°F	calm	28.88 in.	0700	1300	1900
R.H. 76%	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 0/10	Clds. A.S.	Clds. 3/10 A.S.
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. / +2.5 mb	Wx slight haze	Wx	Wx nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Thursday, Sept 16th 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75°F	Dir. —	Temp 72°F			
Min. 51°F	Vel. 0 m.p.h.	Read. 28.88 in.			
Set	Char.	Corr.			
73°F	calm	28.76 in.	0700	1300	1900
R.H. 80%	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. A.S.	Clds. St	Clds. Cu
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. 1/ mb	8/10 Ac	10/10	10/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Wx	Wx rain	Wx -D2
			Vis. 25 mi.	Vis. 3.5 mi.	Vis. 17 mi.

Friday, Sept. 17th 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 64°F	Dir. NNW	Temp 74°F			
Min. 53°F	Vel. 2 m.p.h.	Read. 28.85 in.			
Set	Char.	Corr.			
61°F	calm	28.72 in.	0700	1300	1900
R.H. 93%	24 hr. Mov. — mi.	Sea L. 30.04 in.	Clds. Cu	Clds.	Clds. St
Ppn. Liq. 0.72 in.	Prev. Dir. —	3 hr. Tend. / +5.0 mb	8/10	Wx	9/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Wx ceol	Wx	Wx 0001
			Vis. 20 mi.	Vis. /	Vis. 25 mi.

Saturday, Sept. 18th 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 64°F	Dir. NE	Temp 72°F			
Min. 48°F	Vel. 0 m.p.h.	Read. 29.16 in.			
Set	Char.	Corr.			
49°F	calm	29.03 in.	0700	1300	1900
R.H. 100%	24 hr. Mov. — mi.	Sea L. 30.40 in.	Clds. 0/10	Clds.	Clds. Sc
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. / +1.0 mb	0/10	Wx	2/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer EC	Wx Fog	Wx	Wx clear
			Vis. 0.5 mi.	Vis. /	Vis. 25 mi.

Sunday, Sept. 19, 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73°F	Dir. /	Temp 74°F			
Min. 48°F	Vel. 0 m.p.h.	Read. 28.98 in.			
Set	Char.	Corr.			
57°F	/	28.85 in.	0700	1300	1900
R.H. 100%	24 hr. Mov. — mi.	Sea L. 30.33 in.	Clds. Sc	Clds.	Clds. Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. —0 mb	10/10	Wx	10/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Wx HZ	Wx	Wx ex. cloud
			Vis. 17 mi.	Vis. /	Vis. 25 mi.

Monday, Sept. 20th 2010 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79°F	Dir. N	Temp 72°F			
Min. 53°F	Vel. 4 m.p.h.	Read. 29.00 in.			
Set	Char.	Corr.			
53°F	Variable	28.87 in.	0700	1300	1900
R.H. 76%	24 hr. Mov. — mi.	Sea L. 30.23 in.	Clds. 0/10	Clds.	Clds. 0/10
Ppn. Liq. 0.0 in.	Prev. Dir. —	3 hr. Tend. / +1.0 mb	0/10	Wx	0/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BS	Wx beautiful	Wx beautiful	Wx clear
			Vis. 25 mi.	Vis. 225 mi.	Vis. 25 mi.

T: 58 Tunv: 48/47 Tw: 49
 HDD: 7 T Davis: 50/50 Td: 48
 ΣHDD: 27 MMTS: 66/43/47
 CDD: 0
 ΣCDD: 58

T: 62 Tunv: 57/57 Tw: 59
 HDD: 3 T Davis: 59/59 Td: 59
 ΣHDD: 30 MMTS: 71/43/58
 CDD: 0
 ΣCDD: 58

ΔPCNL: TRACE
 ΔPCNS: 0.0
 9/11/10

ΣPCNL: 0.12"
 ΣPCNS: 0.0
 9/12/10

T: 59 Tunv: 49/49 Tw: 53
 HDD: 6 T Davis: 51/51 Td: 52
 ΣHDD: 36 MMTS: 67/47/50
 CDD: 0
 ΣCDD: 58

T: 65 Tunv: 57/58 Tw: 59
 HDD: 0 T Davis: 58/59 Td: 49
 ΣHDD: 36 MMTS: 77/50/57
 CDD: 0
 ΣCDD: 58

ΔPCNL: 0.12"
 ΔPCNS: 0.0
 9-13-10

ΔPCNL: 0.12"
 ΔPCNS: 0.0
 9/14/10

T: 63 Tunv: 50/47 Tw: 51
 HDD: 2 T Davis: 54/50 Td: 47.5
 ΣHDD: 38 MMTS: 72/50/54
 CDD: 0
 ΣCDD: 58

T: 63 Tunv: 49/47 Tw: 51
 HDD: 2 T Davis: 52/48 Td: 48
 ΣHDD: 40 MMTS: 73/49/51
 CDD: 0
 ΣCDD: 58

ΔPCNL: 0.12"
 ΔPCNS: 0.0
 9-15-10

ΔPCNL: 0.12"
 ΔPCNS: 0.0
 9/16/10

T: 59 Tunv: 61/58 Tw: 59
 HDD: 6 T Davis: 62/60 Td: 58
 ΣHDD: 46 MMTS: 62/51/60
 CDD: 0
 ΣCDD: 58

T: 56 Tunv: 49/49 Tw: 49
 HDD: 9 T Davis: 49/49 Td: 49
 ΣHDD: 55 MMTS: 63/48/49
 CDD: 0
 ΣCDD: 58

ΔPCNL: 0.85"
 ΔPCNS: 0.00"
 9-17-10

ΔPCNL: 0.86"
 ΔPCNS: 0.0"
 9/18/10

T: 61 Tunv: 57/50 Tw: 57
 HDD: 4 T Davis: 57/57 Td: 57
 ΣHDD: 59 MMTS: 72/47/57
 CDD: 0
 ΣCDD: 58

T: 66 Tunv: 52/47 Tw: 49
 HDD: 0 T Davis: 55/48 Td: 45.5
 ΣHDD: 59 MMTS: 78/52/52
 CDD: 1
 ΣCDD: 59

ΣPCNL: 0.86"
 ΣPCNS: 0.0"
 9/19/10

ΔPCNL: 0.86"
 ΔPCNS: 0.0"
 9-20-10

Tuesday Sept 27th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 69 °F	Dir: none	Temp 71 °F	Clds. Cu	Clds. Ci	Clds. Ci	Clds. Sc
Min. 45 °F	Vel. 0 m.p.h.	Read. 89.05 in.	Wx 1/0	Wx 1/10	Wx 2/10	Wx 9/10
Set 45 °F	Char. calm	Corr. 28.93 in.	Wx valley fog	Wx pleasant	Wx nice	Wx warm
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.45 in.	Wx 1/0	Wx pleasant	Wx nice	Wx warm
Ppn. Liq. 0.00' in.	Prev. Dir. —	3 hr. Tend. 1 — mb	Wx valley fog	Wx pleasant	Wx nice	Wx warm
Ppn. Sol. 0.0' in.	Snow Depth 0 in.	Observer HW	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Wednesday Sept 28th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 87 °F	Dir: —	Temp 74 °F	Clds. Acc	Clds. Ci	Clds. Sc	Clds. Sc
Min. 59 °F	Vel. 0 m.p.h.	Read. 29.05 in.	Wx 7/10	Wx 5/10	Wx 5/10	Wx 5/10
Set 61 °F	Char. none	Corr. 28.92 in.	Wx Foggy	Wx WCL	Wx WCL	Wx WCL
R.H. 80 %	24 hr. Mov. — mi.	Sea L. 30.40 in.	Wx 7/10	Wx 5/10	Wx 5/10	Wx 5/10
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. .5 — mb	Wx Foggy	Wx WCL	Wx WCL	Wx WCL
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. 22 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Thursday Sept 29th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 88 °F	Dir: W	Temp 75 °F	Clds. St	Clds. Ci	Clds. Ci	Clds. Ci
Min. 63 °F	Vel. 6 m.p.h.	Read. 28.88 in.	Wx 1/10	Wx WCL	Wx 8/10	Wx nice
Set 64 °F	Char. Steady	Corr. 28.75 in.	Wx pleasant	Wx WCL	Wx nice	Wx nice
R.H. 65 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	Wx 1/10	Wx WCL	Wx 8/10	Wx nice
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. .45 — mb	Wx pleasant	Wx WCL	Wx nice	Wx nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer E.C.	Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Friday Sept 29th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 65 °F	Dir: NE	Temp 72 °F	Clds. St	Clds. St	Clds. Cu	Clds. Cu
Min. 50 °F	Vel. 2 m.p.h.	Read. 28.81 in.	Wx 1/10	Wx 10/10	Wx 10/10	Wx 10/10
Set 56 °F	Char. light breeze	Corr. 28.68 in.	Wx 1/10	Wx 10/10	Wx 10/10	Wx 10/10
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.03 in.	Wx 1/10	Wx 10/10	Wx 10/10	Wx 10/10
Ppn. Liq. 0.20 in.	Prev. Dir. —	3 hr. Tend. .1 — mb	Wx 1/10	Wx 10/10	Wx 10/10	Wx 10/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. 25 mi.	Vis. 210 mi.	Vis. 215 mi.	Vis. 215 mi.

Saturday Sept 29th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 73 °F	Dir: WSW	Temp 74 °F	Clds. Ci	Clds. Ci	Clds. Ci	Clds. Ci
Min. 54 °F	Vel. 2 m.p.h.	Read. 28.81 in.	Wx 8/10	Wx 8/10	Wx 9/10	Wx nice
Set 54 °F	Char. 1-9 kt	Corr. 28.68 in.	Wx 8/10	Wx 8/10	Wx 9/10	Wx nice
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.02 in.	Wx 8/10	Wx 8/10	Wx 9/10	Wx nice
Ppn. Liq. 0.12 in.	Prev. Dir. —	3 hr. Tend. .4 — mb	Wx 8/10	Wx 8/10	Wx 9/10	Wx nice
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. 220 mi.	Vis. 220 mi.	Vis. 220 mi.	Vis. 220 mi.

Monday Sept 27th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 77 °F	Dir: —	Temp 74 °F	Clds. Cu	Clds. Cu	Clds. St+Cu	Clds. St+Cu
Min. 45 °F	Vel. 0 m.p.h.	Read. 28.91 in.	Wx 2/10	Wx 2/10	Wx 6/10	Wx 6/10
Set 60 °F	Char. calm	Corr. 28.78 in.	Wx 2/10	Wx 2/10	Wx 6/10	Wx 6/10
R.H. 84 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Wx 2/10	Wx 2/10	Wx 6/10	Wx 6/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. .4 — mb	Wx 2/10	Wx 2/10	Wx 6/10	Wx 6/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. 220 mi.	Vis. 220 mi.	Vis. 10 mi.	Vis. 10 mi.

Tuesday Sept 28th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 84 °F	Dir: —	Temp 74 °F	Clds. Ci	Clds. Cu	Clds. St+Cu	Clds. St+Cu
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.94 in.	Wx 2/10	Wx 2/10	Wx 6/10	Wx 6/10
Set 67 °F	Char. calm	Corr. 28.81 in.	Wx 2/10	Wx 2/10	Wx 6/10	Wx 6/10
R.H. 90 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Wx 2/10	Wx 2/10	Wx 6/10	Wx 6/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. .1 — mb	Wx 2/10	Wx 2/10	Wx 6/10	Wx 6/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. 217 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Wednesday Sept 29th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 78 °F	Dir: —	Temp 73 °F	Clds. St	Clds. St	Clds. St	Clds. St
Min. 50 °F	Vel. 0 m.p.h.	Read. 28.88 in.	Wx 9/10	Wx 9/10	Wx 10/10	Wx 10/10
Set 51 °F	Char. —	Corr. 28.70 in.	Wx 9/10	Wx 9/10	Wx 10/10	Wx 10/10
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.23 in.	Wx 9/10	Wx 9/10	Wx 10/10	Wx 10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. .1 + 2 mb	Wx 9/10	Wx 9/10	Wx 10/10	Wx 10/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. 25 mi.	Vis. 25 mi.	Vis. 17 mi.	Vis. 17 mi.

Thursday Sept 30th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 68 °F	Dir: S	Temp 74 °F	Clds. St	Clds. St	Clds. St	Clds. St
Min. 56 °F	Vel. 10 m.p.h.	Read. 28.46 in.	Wx 10/10	Wx 10/10	Wx 10/10	Wx 10/10
Set 66 °F	Char. gusty	Corr. 28.33 in.	Wx 10/10	Wx 10/10	Wx 10/10	Wx 10/10
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.76 in.	Wx 10/10	Wx 10/10	Wx 10/10	Wx 10/10
Ppn. Liq. 0.78 in.	Prev. Dir. —	3 hr. Tend. 1 — mb	Wx 10/10	Wx 10/10	Wx 10/10	Wx 10/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

Friday Sept 30th 2010 0700 EST Meteorological Observatory University Park, PA General Obs.

Temp.	Wind	Barom.	Temp	0700	1300	1900
Max. 65 °F	Dir: N/NE	Temp 72 °F	Clds. St	Clds. St	Clds. St	Clds. St
Min. 59 °F	Vel. 3 m.p.h.	Read. 28.65 in.	Wx 10/10	Wx 10/10	Wx 10/10	Wx 10/10
Set 56 °F	Char. calm	Corr. 28.53 in.	Wx 10/10	Wx 10/10	Wx 10/10	Wx 10/10
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.95 in.	Wx 10/10	Wx 10/10	Wx 10/10	Wx 10/10
Ppn. Liq. .45 in.	Prev. Dir. —	3 hr. Tend. 2 — mb	Wx 10/10	Wx 10/10	Wx 10/10	Wx 10/10
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. 25 mi.	Vis. 24 mi.	Vis. 10 mi.	Vis. 10 mi.

T: 57
 HDD: 8
 2HDD: 69
 CDD: 0
 2CDD: 59

Tuv: 42/41
 T Davis: 46/44
 MMTS: 67/43/44

Tu: 47
 Td: 48

ΣPCNL: 0.86"
 ΣPCNS: 0.0"

9/21/10

T: 73
 HDD: 0
 2HDD: 371
 CDD: 8
 2CDD: 67

Tuv: 59/59
 T Davis: 60/60
 MMTS: 86/59/60

Tu: 61
 Td: 59

ΣPCNL: 0.86"
 ΣPCNS: 0.0"

9/23/10

T: 76
 HDD: 0
 2HDD: 371
 CDD: 11
 2CDD: 86

Tuv: 64/54
 T Davis: 64/58
 MMTS: 88/63/63

Tu: 57
 Td: 52

ΣPCNL: 0.86"
 ΣPCNS: 0.0"

9/25/10

T: 58
 HDD: 7
 2HDD: 79
 CDD: 0
 2CDD: 86

Tuv: 55/55
 T Davis: 57/57
 MMTS: 63/49/55

Tu: 56
 Td: 56

ΣPCNL: 1.06"
 ΣPCNS: 0.0"

9-27-10

T: 64
 HDD: 1
 2HDD: 83
 CDD: 0
 2CDD: 86

Tuv: 53/52
 T Davis: 54/53
 MMTS: 73/53/53

Tu: 53
 Td: 52

ΣPCNL: 1.90"
 ΣPCNS: 0.0"

9-29-10

T: 61
 HDD: 4
 2HDD: 71
 CDD: 0
 2CDD: 59

Tuv: 60/55
 T Davis: 60/56
 MMTS: 74/44/59

Tu: 57
 Td: 55

ΣPCNL: 0.86"
 ΣPCNS: 0.0"

9-22-10

T: 73
 HDD: 0
 2HDD: 71
 CDD: 8
 2CDD: 75

Tuv: 65/64
 T Davis: 69/66
 MMTS: 82/59/65

Tu: 65
 Td: 64

ΣPCNL: 0.86"
 ΣPCNS: 0.0"

9-24-10

T: 64
 HDD: 1
 2HDD: 72
 CDD: 0
 2CDD: 86

Tuv: 49/49
 T Davis: 51/48
 MMTS: 78/49/48

Tu: 49
 Td: 47

ΣPCNL: 0.86"
 ΣPCNS: 0.0"

9/26/10

T: 62
 HDD: 3
 2HDD: 82
 CDD: 0
 2CDD: 86

Tuv: 66/64
 T Davis: 67/67
 MMTS: 67/55/65

Tu: 66
 Td: 66

ΣPCNL: 1.78"
 ΣPCNS: 0.0"

9-28-10

T: 60
 HDD: 5
 2HDD: 88
 CDD: 0
 2CDD: 86

Tuv: 56/56
 T Davis: 57/57
 MMTS: 63/53/55

Tu: 56
 Td: 56

ΣPCNL: 2.35"
 ΣPCNS: 0.0"

9-30-10

(SEAT Temp's)

$$\overline{T_{max}} = \frac{158^{\circ}F + T_{min}}{2} = 53.6^{\circ}F$$

$$\overline{T_{50}} = 67.78^{\circ}F$$

9-30-10