

Friday, April 1st, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 38 °F	Dir. NE	Temp. 71 °F	-DZ	2140 - 2300	
Min. * 33 °F	Vel. 2 m.p.h.	Read. 28.36 in.	-SN	2320 - 0400	
Set 34 °F	Char. Calm	Corr. 28.24 in.	* ONST LOW: 34		
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.62 in.	Clds. 10/10 st.		
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx -SN		
Ppn. Sol. T in.	Snow Depth 0 in.	Observer BB	Vis. ~2 mi.		

Saturday, April 2nd, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 41 °F	Dir. WSW	Temp. 70 °F	-SN	005 - 0445 LT	
Min. 30 °F	Vel. 2 m.p.h.	Read. 28.45 in.	-RA	0945 - 1150 LT	
Set 32 °F	Char. Steady	Corr. 28.33 in.	-CR	1311 - 1645	
R.H. 76 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	Clds. 9/10		
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx cold		
Ppn. Sol. T in.	Snow Depth 0 in.	Observer HJ	Vis. ~17 mi.		

Sunday, April 3, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 49 °F	Dir. W	Temp. 71 °F	-RA	0500 - 0540 LT	
Min. 31 °F	Vel. 18 m.p.h.	Read. 28.84 in.	* ONST LOW: 37		
Set 38 °F	Char. breezy	Corr. 28.72 in.	Clds. 0700		
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.11 in.	Clds. 1300		
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 14.5 mb	Wx nice		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP	Vis. ~25 mi.		

Monday, April 4, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 50 °F	Dir. SSW	Temp. 70 °F	-RA	1915 - 2300	
Min. 38 °F	Vel. 5 m.p.h.	Read. 28.52 in.	* EVE LOW 39, TEND RISE ONST		
Set 45 °F	Char. Light	Corr. 28.40 in.	Clds. 0700		
R.H. 62 %	24 hr. Mov. — mi.	Sea L. 29.74 in.	Clds. 1300		
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx nice		
Ppn. Sol. T in.	Snow Depth 0 in.	Observer AP	Vis. ~25 mi.		

Tuesday, April 5, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 63 °F	Dir. NNW	Temp. 72 °F	-SH RA	1300 - 1320	
Min. 38 °F	Vel. 15 m.p.h.	Read. 28.30 in.	TSH RA	1540 - 2000	
Set 38 °F	Char. Bstly	Corr. 28.24 in.	*SH RA	2200 - 2300	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 29.61 in.	-SHRA	0300 - 0605	
Ppn. Liq. 0.90 in.	Rev. Dir. —	3 hr. Tend. 14.2 mb	Clds. 0700		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Clds. 1300		

Wednesday, April 6, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 40 °F	Dir. SW	Temp. 70 °F	-RA	035 - 0850 LT	
Min. 31 °F	Vel. 2 m.p.h.	Read. 28.85 in.	-SN RA	0650 - 920	
Set 32 °F	Char. Calm	Corr. 28.73 in.	-RA	0920 - 1140	
R.H. 85 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	-SN	1700 - 1720	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. 14.0 mb	P	1815 - 1840	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer HJ	Clds. 0700		

Thursday, April 7, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 46 °F	Dir. NDE	Temp. 70 °F	-RA	1130 - 1345 LT	
Min. 31 °F	Vel. 3 m.p.h.	Read. 28.87 in.	-RA	1405 - 1600	
Set 38 °F	Char. light	Corr. 28.75 in.	-DZ	1930 - 2100	
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.14 in.	* ONST LOW: 38		
Ppn. Liq. 0.06 in.	Prev. Dir. —	3 hr. Tend. 14.9 mb	Clds. 0700		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer EC	Clds. 1300		

Friday, April 8th, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 51 °F	Dir. —	Temp. 72 °F	-RA	0700 - 0805	
Min. 38 °F	Vel. 0 m.p.h.	Read. 28.99 in.	* ONST LOW: 40		
Set 40 °F	Char. calm	Corr. 28.86 in.	Clds. 0700		
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 1300		
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -1.0 mb	Wx -RA		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Vis. ~5 mi.		

Saturday, April 9th, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 43 °F	Dir. E	Temp. 72 °F	RA	035 - 1240	
Min. 38 °F	Vel. 3 m.p.h.	Read. 29.05 in.	DZ	1500 - 1340	
Set 40 °F	Char. calm	Corr. 28.95 in.	+RA	1400 - 1420	
R.H. 96 %	24 hr. Mov. — mi.	Sea L. 30.45 in.	-RA	1500 - 1640	
Ppn. Liq. 0.83 in.	Prev. Dir. —	3 hr. Tend. 14.0 mb	RA	1700 - 2000	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Clds. 0700		

Sunday, April 10th, 2011  
07:00 EST

Temp.	Wind	Barom.			
Max. 46 °F	Dir. —	Temp. 71 °F	* ONST LOW: 42		
Min. 40 °F	Vel. 0 m.p.h.	Read. 29.09 in.	Clds. 0700		
Set 45 °F	Char. calm	Corr. 28.93 in.	Clds. 1300		
R.H. 100 %	24 hr. Mov. — mi.	Sea L. 30.47 in.	Clds. 1900		
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. 14.0 mb	Wx fog		
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. ~2 mi.		

F: 36 Tunv: 34/33 Tw: M  
 HDD: 29 Tdwns: 34/34 Td: 34  
 Σ HDD: 29 mmts: 35/18/32  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 0.06  
 Σ PCNS: T  
 4-1-11  
 Tunv: 32/26 Tw: M  
 Tdwns: 33/29 Td: 26  
 mmts: 39/m/m  
 Σ CDD: 0  
 4-2-11

F: 40 Tunv: 37/30 Tw: M  
 HDD: 25 Tdwns: 38/33 Td: 33  
 Σ HDD: 89 mmts: 46/21/36  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 0.06  
 Σ PCNS: T  
 4-1-11  
 F: 44 Tunv: 45/34 Tw: 40  
 HDD: 21 Tdwns: 44/37 Td: 33  
 Σ HDD: 109 mmts: 47/37/44  
 CDD: 0  
 Σ CDD: 0

Σ PCNL: 0.06  
 Σ PCNS: T  
 4/3/11  
 F: 36 Tunv: 32/26 Tw: M  
 HDD: 29 Tdwns: 33/28 Td: 28  
 Σ HDD: 147 mmts: 38/m/32  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 0.12  
 Σ PCNS: T  
 4/6/11

F: 51 Tunv: 39/35 Tw: 38  
 HDD: 14 Tdwns: 38/38 Td: 38  
 Σ HDD: 118 mmts: 62/m/38  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 1.02  
 Σ PCNS: 0  
 4/5/11

F: 39 Tunv: 37/36 Tw: M  
 HDD: 26 Tdwns: 39/39 Td: 38  
 Σ HDD: 173 mmts: 44/m/37  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 1.08  
 Σ PCNS: T  
 4/7/11

F: 41 Tunv: 39/37 Tw: M  
 HDD: 24 Tdwns: 41/38 Td: 38  
 Σ HDD: 217 mmts: 40/37/40  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 1.08  
 Σ PCNS: T  
 4-8-11

F: 44 Tunv: 44/43 Tw: M  
 HDD: 21 Tdwns: 44/44 Td: 43  
 Σ HDD: 235 mmts: 44/39/43  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 1.91  
 Σ PCNS: T  
 4/9/11

F: 44 Tunv: 44/43 Tw: M  
 HDD: 21 Tdwns: 44/44 Td: 43  
 Σ HDD: 235 mmts: 44/39/43  
 CDD: 0  
 Σ CDD: 0  
 Σ PCNL: 1.91  
 Σ PCNS: T  
 4/10/11

Monday, April 11<sup>th</sup>, 2011

Meteorological Observatory  
University Park, PA  
0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 61 °F	Dir. WSW	72 °F	72 °F	74 °F	74 °F
Min. 41 °F	Vel. 2 m.p.h.	Read. 28.59 in.	Read. 28.59 in.	Read. 28.77 in.	Read. 28.77 in.
Set 54 °F	Char. calm	Corr. 28.46 in.	Corr. 28.46 in.	Corr. 28.64 in.	Corr. 28.64 in.
R.H. 100 %	24 hr. Mov. -	Sea L. 29.79 in.	Sea L. 29.79 in.	Sea L. 30.14 in.	Sea L. 30.14 in.
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. -1.0 mb	3 hr. Tend. -1.0 mb	3 hr. Tend. -1.0 mb	3 hr. Tend. -1.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Observer BB	Observer HW	Observer HW
		Vis. ~20 mi.	Vis. 25 mi.	Vis. ~5 mi.	Vis. ~10 mi.

Tuesday April 12, 2011

Meteorological Observatory  
University Park, PA  
0700 EST

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 75 °F	Dir. NNE	72 °F	72 °F	70 °F	70 °F
Min. 49 °F	Vel. 1 m.p.h.	Read. 28.60 in.	Read. 28.60 in.	Read. 28.92 in.	Read. 28.92 in.
Set 49 °F	Char. light	Corr. 28.48 in.	Corr. 28.48 in.	Corr. 28.92 in.	Corr. 28.92 in.
R.H. 100 %	24 hr. Mov. -	Sea L. 29.90 in.	Sea L. 29.90 in.	Sea L. 30.19 in.	Sea L. 30.19 in.
Ppn. Liq. 0.16 in.	Prev. Dir. -	3 hr. Tend. +1 mb	3 hr. Tend. +1 mb	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Observer NS	Observer EC	Observer EC
		Vis. MD mi.	Vis. MD mi.	Vis. ~25 mi.	Vis. ~20 mi.

Wednesday, April 13, 2011

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 52 °F	Dir. ENE	74 °F	74 °F	74 °F	74 °F
Min. 44 °F	Vel. 2 m.p.h.	Read. 28.77 in.	Read. 28.77 in.	Read. 28.77 in.	Read. 28.77 in.
Set 44 °F	Char. calm	Corr. 28.64 in.	Corr. 28.64 in.	Corr. 28.64 in.	Corr. 28.64 in.
R.H. 100 %	24 hr. Mov. -	Sea L. 30.14 in.	Sea L. 30.14 in.	Sea L. 30.14 in.	Sea L. 30.14 in.
Ppn. Liq. 0.67 in.	Prev. Dir. -	3 hr. Tend. -1.0 mb	3 hr. Tend. -1.0 mb	3 hr. Tend. -1.0 mb	3 hr. Tend. -1.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Observer HW	Observer HW	Observer HW
		Vis. ~5 mi.	Vis. ~5 mi.	Vis. ~5 mi.	Vis. ~5 mi.

Thursday, April 14, 2011

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 51 °F	Dir. NW	70 °F	70 °F	70 °F	70 °F
Min. 38 °F	Vel. 2 m.p.h.	Read. 28.92 in.	Read. 28.92 in.	Read. 28.92 in.	Read. 28.92 in.
Set 41 °F	Char. light	Corr. 28.80 in.	Corr. 28.80 in.	Corr. 28.80 in.	Corr. 28.80 in.
R.H. 85 %	24 hr. Mov. -	Sea L. 30.19 in.	Sea L. 30.19 in.	Sea L. 30.19 in.	Sea L. 30.19 in.
Ppn. Liq. 0.16 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer EC	Observer EC	Observer EC	Observer EC
		Vis. ~10 mi.	Vis. ~10 mi.	Vis. ~10 mi.	Vis. ~10 mi.

Friday, April 15, 2011

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 67 °F	Dir. N	71 °F	71 °F	71 °F	71 °F
Min. 39 °F	Vel. 4 m.p.h.	Read. 29.80 in.	Read. 29.80 in.	Read. 29.80 in.	Read. 29.80 in.
Set 41 °F	Char. variable	Corr. 29.08 in.	Corr. 29.08 in.	Corr. 29.08 in.	Corr. 29.08 in.
R.H. 81 %	24 hr. Mov. -	Sea L. 30.49 in.	Sea L. 30.49 in.	Sea L. 30.49 in.	Sea L. 30.49 in.
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. +2.3 mb	3 hr. Tend. +2.3 mb	3 hr. Tend. +2.3 mb	3 hr. Tend. +2.3 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP	Observer ALP	Observer ALP	Observer ALP
		Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	Vis. 17 mi.

Saturday, April 16<sup>th</sup>, 2011

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 68 °F	Dir. SE	70 °F	70 °F	70 °F	70 °F
Min. 41 °F	Vel. 8 m.p.h.	Read. 28.81 in.	Read. 28.81 in.	Read. 28.81 in.	Read. 28.81 in.
Set 44 °F	Char. gusty	Corr. 28.69 in.	Corr. 28.69 in.	Corr. 28.69 in.	Corr. 28.69 in.
R.H. 89 %	24 hr. Mov. -	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.	Sea L. 30.06 in.
Ppn. Liq. 0.03 in.	Prev. Dir. -	3 hr. Tend. -1.0 mb	3 hr. Tend. -1.0 mb	3 hr. Tend. -1.0 mb	3 hr. Tend. -1.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer BB	Observer BB	Observer BB	Observer BB
		Vis. ~15 mi.	Vis. ~15 mi.	Vis. ~15 mi.	Vis. ~10 mi.

Sunday, April 17<sup>th</sup>, 2011

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 52 °F	Dir. W	70 °F	70 °F	70 °F	70 °F
Min. 38 °F	Vel. 9.46 m.p.h.	Read. 28.61 in.	Read. 28.61 in.	Read. 28.61 in.	Read. 28.61 in.
Set 38 °F	Char. gusty	Corr. 28.49 in.	Corr. 28.49 in.	Corr. 28.49 in.	Corr. 28.49 in.
R.H. 85 %	24 hr. Mov. -	Sea L. 29.88 in.	Sea L. 29.88 in.	Sea L. 29.88 in.	Sea L. 29.88 in.
Ppn. Liq. 0.86 in.	Prev. Dir. -	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP	Observer ALP	Observer ALP	Observer ALP
		Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~17 mi.

Monday, April 18, 2011

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 57 °F	Dir. SW	72 °F	72 °F	72 °F	72 °F
Min. 35 °F	Vel. 6 m.p.h.	Read. 28.84 in.	Read. 28.84 in.	Read. 28.84 in.	Read. 28.84 in.
Set 42 °F	Char. variable	Corr. 28.72 in.	Corr. 28.72 in.	Corr. 28.72 in.	Corr. 28.72 in.
R.H. 65 %	24 hr. Mov. -	Sea L. 30.11 in.	Sea L. 30.11 in.	Sea L. 30.11 in.	Sea L. 30.11 in.
Ppn. Liq. 1 in.	Prev. Dir. -	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb	3 hr. Tend. +1.5 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP	Observer ALP	Observer ALP	Observer ALP
		Vis. ~17 mi.	Vis. ~17 mi.	Vis. ~17 mi.	Vis. ~17 mi.

Tuesday, April 19, 2011

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 65 °F	Dir. NE	71 °F	71 °F	71 °F	71 °F
Min. 42 °F	Vel. 3 m.p.h.	Read. 28.80 in.	Read. 28.80 in.	Read. 28.80 in.	Read. 28.80 in.
Set 45 °F	Char. light	Corr. 28.68 in.	Corr. 28.68 in.	Corr. 28.68 in.	Corr. 28.68 in.
R.H. 100 %	24 hr. Mov. -	Sea L. 30.15 in.	Sea L. 30.15 in.	Sea L. 30.15 in.	Sea L. 30.15 in.
Ppn. Liq. 1.00 in.	Prev. Dir. -	3 hr. Tend. +1.2 mb	3 hr. Tend. +1.2 mb	3 hr. Tend. +1.2 mb	3 hr. Tend. +1.2 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer NS	Observer NS	Observer NS	Observer NS
		Vis. ~5 mi.	Vis. ~5 mi.	Vis. ~5 mi.	Vis. ~7 mi.

Wednesday, April 20<sup>th</sup>, 2011

0700 EST

Meteorological Observatory  
University Park, PA

Temp.	Wind	Barom.	Temp	Temp	Temp
Max. 55 °F	Dir. S	71 °F	71 °F	71 °F	71 °F
Min. 44 °F	Vel. 4 m.p.h.	Read. 28.66 in.	Read. 28.66 in.	Read. 28.66 in.	Read. 28.66 in.
Set 55 °F	Char. calm	Corr. 28.54 in.	Corr. 28.54 in.	Corr. 28.54 in.	Corr. 28.54 in.
R.H. 91 %	24 hr. Mov. -	Sea L. 30.01 in.	Sea L. 30.01 in.	Sea L. 30.01 in.	Sea L. 30.01 in.
Ppn. Liq. 0.40 in.	Prev. Dir. -	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb	3 hr. Tend. +1.0 mb
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TB	Observer TB	Observer TB	Observer TB
		Vis. ~5 mi.	Vis. ~5 mi.	Vis. ~5 mi.	Vis. ~25 mi.

F: 51 Tunv: 54/52 Tw: 54  
HDD: 14 TDavis: 55/55 Td: 54  
Z HDD: 253 MMTS: 59/43/54  
CDD: 0  
ZCDD: 0

F: 62 Tunv: 48/41 Tw: 49  
HDD: 3 TDavis: 49/47 Td: 49  
Z HDD: 250 MMTS: 75/48/48  
CDD: 0  
ZCDD: 0

Z PCNL: 1.91"  
Z PCNS: Trace  
4-11-11

Z PCNL: 2.07"  
Z PCNS: Trace  
4/12/11

F: 48 Tunv: 43/42 Tw: M  
HDD: 17 TDavis: 44/44 Td: 44  
Z HDD: 233 MMTS: 51/43/43  
CDD: 0  
ZCDD: 0

F: 45 Tunv: 42/40 Tw: 39  
HDD: 30 TDavis: 42/37 Td: 37  
Z HDD: 293 MMTS: 49/36/40  
CDD: 0  
ZCDD: 0

Z PCNL: 2.34"  
Z PCNS: Trace  
4/13/11

Z PCNL: 2.90"  
Z PCNS: Trace  
4/14/11

F: 53 Tunv: 41/34 Tw: 39  
HDD: 12 TDavis: 42/37 Td: 36  
Z HDD: 305 MMTS: 66/39/39  
CDD: 0  
ZCDD: 0

F: 55 Tunv: 43/37 Tw: M  
HDD: 10 TDavis: 44/42 Td: 42  
Z HDD: 315 MMTS: 41/39/42  
CDD: 0  
ZCDD: 0

Z PCNL: 2.90"  
Z PCNS: Trace  
4/15/11

Z PCNL: 2.93  
Z PCNS: Trace  
4-16-11

F: 45 Tunv: 39/32 Tw: M  
HDD: 20 TDavis: 38/34 Td: 34  
Z HDD: 335 MMTS: 50/36/37  
CDD: 0  
ZCDD: 0

F: 46 Tunv: 43/38 Tw: M  
HDD: 19 TDavis: 43/38 Td: 31  
Z HDD: 354 MMTS: 56/37/42  
CDD: 0  
ZCDD: 0

Z PCNL: 3.79"  
Z PCNS: T  
4/17/11

Z PCNL: 3.79"  
Z PCNS: T  
4/18/11

F: 52 Tunv: 40/40 Tw: 45  
HDD: 18 TDavis: 47/47 Td: 45  
Z HDD: 307 MMTS: 04/41/45  
CDD: 0  
ZCDD: 0

F: 50 Tunv: 54/52 Tw: 54  
HDD: 15 TDavis: 55/44 Td: 53  
Z HDD: 380 MMTS: 54/44/54  
CDD: 0  
ZCDD: 0

Z PCNL: 3.79"  
Z PCNS: T  
4/19/11

Z PCNL: 4.19"  
Z PCNS: T  
4/20/11

**Thursday, April 21, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	-SHRA 1300-1330		
Max. 74 °F	Dir. WNW	Temp 70 °F	Read.			
Min. 41 °F	Vel. 10 m.p.h.	Read. 29.04 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
411 °F	Breezy	28.92 in.	Clds. St	Clds. St Cu	Clds. Sc	
R.H. 65 %	24 hr. Mov. —	Sea L. 30.31 in.	10/10	2/10	6/10	
Ppn. Liq. T	Prev. Dir. —	3 hr. Tend. /+10 mb	Wx Cold	Wx Sunny	Wx Chilly	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer EC	Vis. ~25 mi.	Vis. ~25 mi.	Vis. ~25 mi.	

**Friday April 22, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp			
Max. 54 °F	Dir. ESE	Temp 70 °F	Read.			
Min. 36 °F	Vel. 2 m.p.h.	Read. 29.20 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
37 °F	Variable	29.08 in.	Clds. cs	Clds. CN	Clds. CN	
R.H. 65 %	24 hr. Mov. —	Sea L. 30.49 in.	10/10	10/10	10/10	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -+10 mb	Wx Cool	Wx -RA	Wx -RA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP	Vis. ~25 mi.	Vis. ~17 mi.	Vis. ~10 mi.	

**Saturday, April 23, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	-SN 1250-1400 FFW PL -RA -RA 1400-0035 CCL-RA 0755-0855 CNT LOW 42		
Max. 45 °F	Dir. S	Temp 72 °F	Read.			
Min. 37* °F	Vel. 9 m.p.h.	Read. 28.83 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
42 °F	Strong	28.71 in.	Clds. NS	Clds. /	Clds. Sc.	
R.H. 100 %	24 hr. Mov. —	Sea L. 30.18 in.	10/10	10/10	10/10	
Ppn. Liq. 0.34 in.	Prev. Dir. —	3 hr. Tend. /+0 mb	Wx -RA	Wx -RA	Wx WARM!	
Ppn. Sol. T	Snow Depth 0 in.	Observer MS	Vis. ~10 mi.	Vis. —	Vis. ~15 mi.	

**Sunday, April 24, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	-RA obs -0835		
Max. 71 °F	Dir. SSW	Temp 74 °F	Read.			
Min. 42 °F	Vel. 1 m.p.h.	Read. 28.84 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
401 °F	Light	28.71 in.	Cnts. SE	Clds. /	Clds. NS	
R.H. 97 %	24 hr. Mov. —	Sea L. 30.14 in.	10/10	10/10	10/10	
Ppn. Liq. T	Prev. Dir. —	3 hr. Tend. /+2 mb	Wx Mice	Wx /	Wx -RA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. ~17 mi.	Vis. —	Vis. ~15 mi.	

**Monday, April 25, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	-RA 1035-1117 -RA 1535-1635		
Max. 70 °F	Dir. NEN	Temp 74 °F	Read.			
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.80 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
55 °F	CalM	28.67 in.	Clds. Sc	Clds. /	Clds. St	
R.H. 96 %	24 hr. Mov. —	Sea L. 30.02 in.	9/10	9/10	5/10	
Ppn. Liq. .03 in.	Prev. Dir. —	3 hr. Tend. /+5 mb	Wx mild	Wx /	Wx WARM	
Ppn. Sol. 0.0 in.	Snow Depth 0.0 in.	Observer AVR	Vis. ~25 mi.	Vis. —	Vis. ~17 mi.	

**Tuesday, April 26, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	-RA 19:20 - 1945 -TSHRA 2135-0035 LT CNT LOW: 62		
Max. 84 °F	Dir. SSW	Temp 74 °F	Read.			
Min. 55* °F	Vel. 0 m.p.h.	Read. 28.71 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
44 °F	—	28.5 in.	Clds. St.	Clds. /	Clds. Sc.	
R.H. 70 %	24 hr. Mov. —	Sea L. 30.01 in.	9/10	10/10	10/10	
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. /+1 mb	Wx muggy	Wx sunny	Wx TSHRA	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Vis. ~15 mi.	Vis. ~15 mi.	Vis. ~2 mi.	

**Wednesday, April 27, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	TSHRA 1730-2030 TSHRA 2200-2300 -RA 2300-0000		
Max. 83 °F	Dir. S	Temp 74 °F	Read.			
Min. 59 °F	Vel. 7 m.p.h.	Read. 28.80 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
64 °F	Steady	28.67 in.	Clds. Cu.	Clds. /	Clds. St	
R.H. 100 %	24 hr. Mov. —	Sea L. 30.15 in.	9/10	9/10	9/10	
Ppn. Liq. 0.35 in.	Prev. Dir. —	3 hr. Tend. /+5 mb	Wx muggy	Wx /	Wx ominous	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. ~7 mi.	Vis. —	Vis. ~17 mi.	

**Thursday, April 28, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	PA 1345-1800 TSHRA 1800-1815 TSHRA 0030-0400 RA 0430-0530 -DZ 0630-0730		
Max. 80 °F	Dir. WSW	Temp 74 °F	Read.			
Min. 61 °F	Vel. 5 m.p.h.	Read. 28.56 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
62 °F	light	28.43 in.	Clds. St	Clds. Stea	Clds. St Cu	
R.H. 67 %	24 hr. Mov. —	Sea L. 29.74 in.	9/10	5/10	1/10	
Ppn. Liq. 0.77 in.	Prev. Dir. —	3 hr. Tend. /+0.5 mb	Wx damp	Wx windy	Wx windy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer EC	Vis. ~17 mi.	Vis. ~25 mi.	Vis. ~17 mi.	

**Friday, April 29, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	-SHRA 0805-0830 LT 0645-0730 LT		
Max. 68 °F	Dir. WNW	Temp 72 °F	Read.			
Min. 48 °F	Vel. 8 m.p.h.	Read. 28.65 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
48 °F	Steady	28.53 in.	Clds. St	Clds. St.	Clds. St Cu	
R.H. 80 %	24 hr. Mov. —	Sea L. 29.88 in.	6/10	7/10	11/10	
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. /+0.5 mb	Wx windy	Wx cloudy	Wx breezy	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer EC	Vis. ~17 mi.	Vis. ~17 mi.	Vis. ~17 mi.	

**Saturday, April 30, 2011** 0700 EST  
 Meteorological Observatory  
 University Park, PA  
 General Obs.

Temp.	Wind	Barom.	Temp	CCL-54RA 1750-1700 LT		
Max. 53 °F	Dir. —	Temp 72 °F	Read.			
Min. 41 °F	Vel. 0 m.p.h.	Read. 29.03 in.	Corr.			
Set	Char.	Corr.	0700	1300	1900	
42 °F	CalM	28.71 in.	Clds. St. Cu	Clds. /	Clds. Sc.	
R.H. 80 %	24 hr. Mov. —	Sea L. 30.43 in.	9/10	9/10	7/10	
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. /+2.5 mb	Wx Cool	Wx /	Wx nice	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW	Vis. ~17 mi.	Vis. —	Vis. ~25 mi.	

F: 58 Tunv: 41/28 Tw: M  
 HDD: 7 T Davis: 41/31 Td: 30  
 ΣHDD: 387 MMTS: 73/40/410  
 CDD: 0  
 ΣCDD: 0

4/21/11

ΣPCNL: 4.19"  
 ΣPCNs: T

ΣPCNL: 4.19"  
 ΣPCNs: T

4/22/2011

F: 41 Tunv: 39/37 Tw: 42  
 HDD: 24 T Davis: 42/42 Td: 42  
 ΣHDD: 431 MMTS: 42/30/42  
 CDD: 0  
 ΣCDD: 0

ΣPCNL: 4.53"  
 ΣPCNs: T

4/23/11

ΣPCNL: 4.53"  
 ΣPCNs: T

4/24/11

F: 68 Tunv: 54/54 Tw: 58  
 HDD: 2 T Davis: 57/67 Td: 54  
 ΣHDD: 441 MMTS: 70/54/55  
 CDD: 0  
 ΣCDD: 0

F: 70 Tunv: 59/59 Tw: 61  
 HDD: 0 T Davis: 61/61 Td: 60  
 ΣHDD: 441 MMTS: 83/55/63  
 CDD: 5  
 ΣCDD: 5

ΣPCNL: 4.56"  
 ΣPCNs: T

4/25/11

ΣPCNL: 4.58"  
 ΣPCNs: T

4/26/11

F: 71 Tunv: 61/61 Tw: 64  
 HDD: 0 T Davis: 63/65 Td: 64  
 ΣHDD: 441 MMTS: 81/68/64  
 CDD: 6  
 ΣCDD: 11

Tunv: 62/51 Tw: 49  
 T Davis: 63/67 Td: 52  
 MMTS: 79/61/62  
 Max Wind: 34 mph @ 3am

ΣPCNL: 4.93"  
 ΣPCNs: T

4/27/11

ΣPCNL: 5.70"  
 ΣPCNs: Trace

4/28/11

F: 58 Tunv: 46/41 Tw: 45  
 HDD: 7 T Davis: 47/44 Td: 43  
 ΣHDD: 448 MMTS: 68/47/47  
 CDD: 0  
 ΣCDD: 17

APRIL REM'S  
 $\bar{T}_{max} = 58.4^{\circ}F$   
 $\bar{T}_{min} = 41.1^{\circ}F$   
 $\bar{T}_{min} = 49.77^{\circ}F$

4/29/11

ΣPCNL: 5.71"  
 ΣPCNs: Trace

4/30/11

ΣPCNL: 5.71"  
 ΣPCNs: Trace

Thursday, April 21, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 74 °F	Dir: WNW	Temp 70 °F	70 °F	1300	St Cu	St Cu	Sc
Min. 41 °F	Vel: 10 m.p.h.	Read. 29.04 in.		0700	10/10	2/10	6/10
Set	Char: Breezy	Corr. 28.92 in.		1300	Wx Cold	Wx Sunny	Wx Chilly
R.H. 41 %	24 hr. Mov. —	Sea L. 30.31 in.		1900	Wx Cold	Wx Sunny	Wx Chilly
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. /+10 mb		Vis. 2.25 mi.	Vis. 2.25 mi.	Vis. 2.25 mi.	Vis. 2.25 mi.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer Ec					

Friday April 22, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 54 °F	Dir: ESE	Temp 70 °F	70 °F	1300	CS	CN	CN
Min. 36 °F	Vel: 2 m.p.h.	Read. 29.20 in.		0700	10/10	10/10	10/10
Set	Char: variable	Corr. 29.08 in.		1300	Wx Cool	Wx -RA	Wx -RA
R.H. 37 %	24 hr. Mov. —	Sea L. 30.49 in.		1900	Wx Cool	Wx -RA	Wx -RA
Ppn. Liq. 65 %	Prev. Dir. —	3 hr. Tend. -+0 mb		Vis. 2.25 mi.	Vis. 2.17 mi.	Vis. 2.10 mi.	Vis. 2.10 mi.
Ppn. Liq. 0.00 in.	Prev. Dir. —	Observer ALP					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP					

Meteorological Observatory  
University Park, PA

Saturday, April 23, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 45 °F	Dir: S	Temp 72 °F	72 °F	1300	NS	NS	Sc
Min. 37* °F	Vel: 9 m.p.h.	Read. 28.83 in.		0700	10/10	10/10	10/10
Set	Char: Strong	Corr. 28.71 in.		1300	Wx -RA	Wx -RA	Wx WARM!
R.H. 42 %	24 hr. Mov. —	Sea L. 30.18 in.		1900	Wx -RA	Wx -RA	Wx WARM!
Ppn. Liq. 100 %	Prev. Dir. —	3 hr. Tend. /+0 mb		Vis. 2.10 mi.	Vis. 2.10 mi.	Vis. 2.10 mi.	Vis. 2.10 mi.
Ppn. Liq. 0.34 in.	Prev. Dir. —	Observer MS					
Ppn. Sol. T in.	Snow Depth 0 in.	Observer MS					

Sunday, April 24, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 71 °F	Dir: SSW	Temp 74 °F	74 °F	1300	Sc	Sc	Sc
Min. 42 °F	Vel: 1 m.p.h.	Read. 28.84 in.		0700	10/10	10/10	10/10
Set	Char: Right	Corr. 28.71 in.		1300	Wx Mrg	Wx -RA	Wx -RA
R.H. 101 %	24 hr. Mov. —	Sea L. 30.14 in.		1900	Wx Mrg	Wx -RA	Wx -RA
Ppn. Liq. 97 %	Prev. Dir. —	3 hr. Tend. /+2 mb		Vis. 2.17 mi.	Vis. 2.17 mi.	Vis. 2.15 mi.	Vis. 2.15 mi.
Ppn. Liq. T in.	Prev. Dir. —	Observer MS					
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS					

Meteorological Observatory  
University Park, PA

Monday April 25, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 70 °F	Dir: NEN	Temp 74 °F	74 °F	1300	Sc	Sc	Sc
Min. 55 °F	Vel: 0 m.p.h.	Read. 28.80 in.		0700	Wx Mild	Wx Mild	Wx WARM!
Set	Char: Calm	Corr. 28.67 in.		1300	Wx Mild	Wx Mild	Wx WARM!
R.H. 96 %	24 hr. Mov. —	Sea L. 30.02 in.		1900	Wx Mild	Wx Mild	Wx WARM!
Ppn. Liq. .03 in.	Prev. Dir. —	3 hr. Tend. /+5 mb		Vis. 2.25 mi.	Vis. 2.25 mi.	Vis. 2.17 mi.	Vis. 2.17 mi.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP					

Tuesday, April 26, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 84 °F	Dir: SSW	Temp 74 °F	74 °F	1300	Sc	Sc	Sc
Min. 55* °F	Vel: 0 m.p.h.	Read. 28.71 in.		0700	Wx muggy	Wx sunny	Wx sunny
Set	Char: —	Corr. 28.58 in.		1300	Wx muggy	Wx sunny	Wx sunny
R.H. 70 %	24 hr. Mov. —	Sea L. 30.01 in.		1900	Wx muggy	Wx sunny	Wx sunny
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. /+1 mb		Vis. 2.15 mi.	Vis. 2.15 mi.	Vis. 2.15 mi.	Vis. 2.15 mi.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS					

Meteorological Observatory  
University Park, PA

Wednesday, April 27, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 83 °F	Dir: S	Temp 74 °F	74 °F	1300	Co.	Co.	St
Min. 59 °F	Vel: 7 m.p.h.	Read. 28.80 in.		0700	9/10	Wx	Wx
Set	Char: steady	Corr. 28.67 in.		1300	Wx muggy	Wx	Wx
R.H. 100 %	24 hr. Mov. —	Sea L. 30.15 in.		1900	Wx muggy	Wx	Wx
Ppn. Liq. 0.35 in.	Prev. Dir. —	3 hr. Tend. /+0.5 mb		Vis. 2.17 mi.	Vis. 2.17 mi.	Vis. 2.17 mi.	Vis. 2.17 mi.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW					

Thursday, April 28, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 80 °F	Dir: WSW	Temp 74 °F	74 °F	1300	St	St	Sc
Min. 61 °F	Vel: 5 m.p.h.	Read. 28.56 in.		0700	9/10	Wx damp	Wx windy
Set	Char: light	Corr. 28.43 in.		1300	Wx damp	Wx windy	Wx windy
R.H. 67 %	24 hr. Mov. —	Sea L. 29.74 in.		1900	Wx damp	Wx windy	Wx windy
Ppn. Liq. 0.77 in.	Prev. Dir. —	3 hr. Tend. /+0.5 mb		Vis. 2.17 mi.	Vis. 2.25 mi.	Vis. 2.17 mi.	Vis. 2.17 mi.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer EC					

Meteorological Observatory  
University Park, PA

Friday, April 29, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 68 °F	Dir: WNW	Temp 72 °F	72 °F	1300	St	St	Sc
Min. 48 °F	Vel: 8 m.p.h.	Read. 28.65 in.		0700	6/10	Wx	Wx
Set	Char: Steady	Corr. 28.53 in.		1300	Wx	Wx	Wx
R.H. 80 %	24 hr. Mov. —	Sea L. 29.88 in.		1900	Wx	Wx	Wx
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. /+0.5 mb		Vis. 2.17 mi.	Vis. 2.17 mi.	Vis. 2.17 mi.	Vis. 2.17 mi.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer EC					

Saturday, April 30, 2011 0700 EST

Temp.	Wind	Barom.	Temp	Temp	Clds.	Clds.	Clds.
Max. 53 °F	Dir: —	Temp 72 °F	72 °F	1300	Sc	Sc	Sc
Min. 41 °F	Vel: 0 m.p.h.	Read. 29.63 in.		0700	9/10	Wx	Wx
Set	Char: Calm	Corr. 28.71 in.		1300	Wx	Wx	Wx
R.H. 80 %	24 hr. Mov. —	Sea L. 30.43 in.		1900	Wx	Wx	Wx
Ppn. Liq. Trace in.	Prev. Dir. —	3 hr. Tend. /+0.5 mb		Vis. 2.17 mi.	Vis. 2.17 mi.	Vis. 2.15 mi.	Vis. 2.15 mi.
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer HW					

Meteorological Observatory  
University Park, PA