

Saturday January 1, 2011 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	PARK ADD LAVERDEG DAWN OF 2011 IN THE EASTERN SKY		
Max. 47 °F	Dir. -	Temp 70 °F			
Min. 27 °F	Vel. - m.p.h.	Read. 28.86 in.			
Set 31 °F	Char. CALM	Corr. 28.75 in.	DWT LOW 31		
R.H. 90 %	24 hr. Mov. - mi.	Sea L. 30.16 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0 in.	Prev. Dir. -	3 hr. Tend. -0.1 mb	Wx 7/10 AS	Wx	Wx 10/10 SC
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer FSG	Wx	Wx	Wx -SHRA
			Vis. 10 mi.	Vis. /	Vis. 17 mi.

Sunday January 2, 2011 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	-SHRA 1340-1440 0240-0440		
Max. 49 °F	Dir. SSW	Temp 71 °F			
Min. 30 °F	Vel. 5 m.p.h.	Read. 28.84 in.			
Set 38 °F	Char. BREEZY	Corr. 28.72 in.	* DWT - LOW 38		
R.H. 82 %	24 hr. Mov. - mi.	Sea L. 30.24 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.01 in.	Prev. Dir. -	3 hr. Tend. /+5 mb	Wx 10/10 SC	Wx	Wx 4/10 AC
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Wx	Wx	Wx calm
			Vis. 17 mi.	Vis. /	Vis. 17 mi.

Monday, January 3, 2011 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.			
Max. 39 °F	Dir. SSW	Temp 71 °F			
Min. 19 °F	Vel. 4 m.p.h.	Read. 29.03 in.			
Set 19 °F	Char. BITTER	Corr. 28.91 in.	0700		
R.H. 70 %	24 hr. Mov. - mi.	Sea L. 30.53 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. /+1.5 mb	Wx 1/10	Wx 0/10	Wx 1/10 ST
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Wx	Wx	Wx cold
			Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.

Tuesday, January 4, 2011 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	* DWT - LOW 25		
Max. 32 °F	Dir. SSW	Temp 72 °F			
Min. 18 °F	Vel. 1 m.p.h.	Read. 28.88 in.			
Set 26 °F	Char. Night	Corr. 28.70 in.	0700		
R.H. 100 %	24 hr. Mov. - mi.	Sea L. 30.28 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. /-2 mb	Wx 10/10	Wx 5/10 SC	Wx 2/10 SC
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MS	Wx	Wx P	Wx calm
			Vis. 17 mi.	Vis. 25 mi.	Vis. 25 mi.

Wednesday January 5, 2011 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	0400 - SN -0420 0540 - 0600 - SN		
Max. 42 °F	Dir. WNW	Temp 70 °F			
Min. 26 °F	Vel. 13 m.p.h.	Read. 28.63 in.			
Set 26 °F	Char. gusty	Corr. 28.51 in.	0700		
R.H. 70 %	24 hr. Mov. - mi.	Sea L. 29.94 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0 in.	Prev. Dir. -	3 hr. Tend. +1 mb	Wx 5/10	Wx 4/10 ST	Wx 8/10 SC
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer ALP	Wx	Wx	Wx
			Vis. 17 mi.	Vis. 17 mi.	Vis. 17 mi.

Thursday 6 January 2011 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	-SN 1355-1410 LT 1440-1450 LT		
Max. 30 °F	Dir. SSW	Temp 70 °F			
Min. 17 °F	Vel. 3 m.p.h.	Read. 28.52 in.			
Set 18 °F	Char. sneaky	Corr. 28.40 in.	0700		
R.H. 87 %	24 hr. Mov. - mi.	Sea L. 29.83 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0 in.	Prev. Dir. -	3 hr. Tend. /-0.9 mb	Wx 10/10 CS	Wx 10/10 SC	Wx 10/10 SC
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MS	Wx	Wx	Wx
			Vis. 25 mi.	Vis. 17 mi.	Vis. 17 mi.

Friday January 7, 2011 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	-SN 1334 - 0320 LT		
Max. 30 °F	Dir. W	Temp 70 °F			
Min. 17 °F	Vel. 2 m.p.h.	Read. 28.38 in.			
Set 21 °F	Char. Light	Corr. 28.20 in.	DWT LOW: 21		
R.H. 73 %	24 hr. Mov. - mi.	Sea L. 29.83 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.05 in.	Prev. Dir. -	3 hr. Tend. /+1 mb	Wx 10/10	Wx 7/10	Wx 10/10 SC
Ppn. Sol. 1.0 in.	Snow Depth 1 in.	Observer MS	Wx	Wx	Wx
			Vis. 10 mi.	Vis. 17 mi.	Vis. 17 mi.

Saturday January 8, 2011 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	-SN 2200 - 2240 LT - SN -SN 2340 - 0130 LT		
Max. 27 °F	Dir. SW	Temp 72 °F			
Min. 18 °F	Vel. 3 m.p.h.	Read. 28.11 in.			
Set 20 °F	Char. Steady	Corr. 27.99 in.	0700		
R.H. 93 %	24 hr. Mov. - mi.	Sea L. 29.43 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.16 in.	Prev. Dir. -	3 hr. Tend. /+1 mb	Wx 10/10	Wx	Wx 10/10 SC
Ppn. Sol. 1.3 in.	Snow Depth 2 in.	Observer ALP	Wx	Wx	Wx
			Vis. 10 mi.	Vis. 17 mi.	Vis. 17 mi.

Sunday January 9, 2011 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	-SN 0835 - 0730 LT -SN 1140 - 1220 LT -SN 1506 - 0020 LT -SN 1720 - 400 LT		
Max. 25 °F	Dir. W	Temp 68 °F			
Min. 16 °F	Vel. 6 m.p.h.	Read. 28.65 in.			
Set 17 °F	Char. gusty	Corr. 28.54 in.	0700		
R.H. 80 %	24 hr. Mov. - mi.	Sea L. 29.99 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0.01 in.	Prev. Dir. -	3 hr. Tend. /+1 mb	Wx 5/10	Wx	Wx 10/10 ST
Ppn. Sol. 0.1 in.	Snow Depth 1 in.	Observer MS	Wx	Wx	Wx -SN
			Vis. 25 mi.	Vis. 17 mi.	Vis. 17 mi.

January 10, 2011, Monday 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	0000 - SN - 1200 - 1900 LT -SN 2200 - 2240 LT -SN 2410 - 500 LT		
Max. 26 °F	Dir. NW	Temp 69 °F			
Min. 17 °F	Vel. 3 m.p.h.	Read. 29.13 in.			
Set 19 °F	Char. Steady	Corr. 29.01 in.	* DWT LOW 19		
R.H. 78 %	24 hr. Mov. - mi.	Sea L. 30.97 in.	Clds. 0700	Clds. 1300	Clds. 1900
Ppn. Liq. 0 in.	Prev. Dir. -	3 hr. Tend. /+1.5 mb	Wx 10/10 SC	Wx 8/10	Wx 10/10 SC
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer ALP	Wx	Wx	Wx
			Vis. 17 mi.	Vis. 17 mi.	Vis. 25 mi.

$\bar{T} = 37$ $T_{\text{unv}} = 30/28$ $T_{\text{w}} = M$ $T_{\text{a}} = 30$ $\bar{T} = 40$ $T_{\text{unv}} = 30/32$ $T_{\text{w}} = M$
 $HDD = 28$ $T_{\text{DAYS}} = 33/30$ $HDD = 25$ $T_{\text{DAYS}} = 37/30$ $HDD = 25$ $T_{\text{DAYS}} = 37/30$ $T_{\text{a}} = 33$
 $\Sigma HDD = 28$ $MMTS = 45/26/33$ $\Sigma HDD = 53$ $MMTS = 47/30/30$ $\Sigma HDD = 53$ $MMTS = 47/30/30$
 $CDD = 0$
 $\Sigma CDD = 0$

$\Sigma PCNL = 0$
 $\Sigma PCNS = 0$ 1/1/2011 $\Sigma PCNL = 0.01''$ 1/2/11
 $\Sigma PCNS = 0$

$\bar{T} = 29$ $T_{\text{unv}} = 19/11$ $T_{\text{w}} = M$ $\bar{T} = 25$ $T_{\text{unv}} = 20/12$ $T_{\text{w}} = M$
 $HDD = 30$ $T_{\text{DAYS}} = 17/11$ $HDD = 40$ $HDD = 40$ $T_{\text{DAYS}} = 27/15$ $T_{\text{a}} = 14$
 $\Sigma HDD = 89$ $MMTS = 37/18/18$ $\Sigma HDD = 129$ $\Sigma HDD = 129$ $MMTS = 31/17/20$
 $CDD = 0$
 $\Sigma CDD = 0$

$\Sigma PCNL = 0.01''$ 1/3/11 $\Sigma PCNL = 0.01''$ 1/4/11
 $\Sigma PCNS = 0.0''$

$\bar{T} = 34$ $T_{\text{unv}} = 25/14$ $T_{\text{w}} = M$ $\bar{T} = 24$ $T_{\text{unv}} = 17/13$ $T_{\text{w}} = M$
 $HDD = 31$ $T_{\text{DAYS}} = 26/18$ $HDD = 41$ $HDD = 41$ $T_{\text{DAYS}} = 18/15$ $T_{\text{a}} = 15$
 $\Sigma HDD = 160$ $MMTS = 40/25/25$ $\Sigma HDD = 201$ $\Sigma HDD = 201$ $MMTS = 28/15/17$
 $CDD = 0$
 $\Sigma CDD = 0$

$\Sigma PCNL = 0.01''$ 1/5/11 $\Sigma PCNL = 0.01''$ 1/6/11
 $\Sigma PCNS = T$ $\Sigma PCNS = T$

$\bar{T} = 24$ $T_{\text{unv}} = 21/15$ $T_{\text{w}} = M$ $\bar{T} = 23$ $T_{\text{unv}} = 20/17$ $T_{\text{w}} = M$
 $HDD = 41$ $T_{\text{DAYS}} = 21/13$ $HDD = 42$ $HDD = 42$ $T_{\text{DAYS}} = 19/18$ $T_{\text{a}} = 18$
 $\Sigma HDD = 242$ $MMTS = 27/10/20$ $\Sigma HDD = 284$ $\Sigma HDD = 284$ $MMTS = 24/16/18$
 $CDD = 0$
 $\Sigma CDD = 0$

$\Sigma PCNL = 0.010''$ 1/7/11 $\Sigma PCNL = 0.01''$ 1/8/11
 $\Sigma PCNS = 1.0''$ $\Sigma PCNS = 2.3$

$\bar{T} = 21$ $T_{\text{unv}} = 12/11$ $T_{\text{w}} = M$ $\bar{T} = 22$ $T_{\text{unv}} = 19/11$ $T_{\text{w}} = M$
 $HDD = 44$ $T_{\text{DAYS}} = 17/12$ $HDD = 43$ $HDD = 43$ $T_{\text{DAYS}} = 19/13$ $T_{\text{a}} = 13$
 $\Sigma HDD = 328$ $MMTS = 21/15/15$ $\Sigma HDD = 371$ $\Sigma HDD = 371$ $MMTS = 24/15/18$
 $CDD = 0$
 $\Sigma CDD = 0$

$\Sigma PCNL = .13''$ 1/9/11 $\Sigma PCNL = .13''$ 1/10/11
 $\Sigma PCNS = 2.4''$ $\Sigma PCNS = 2.4''$

Monday January 11, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 28 °F	Dir. NE	Temp 70 °F	Clds. Sc	Clds. Sc	Clds. 10/10
Min. 11 °F	Vel. 2 m.p.h.	Read. 29.02 in.	Wx calm	Wx cold	Wx not sn
Set 15 °F	Char. Onilly	Corr. 28.90 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. 24 hr. Mov.	Sea L. 30.52 in.	10/10	8/10	10/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1 mb	Wx calm	Wx cold	Wx not sn
Ppn. Sol. 0.0 in.	Snow Depth 1 in.	Observer MS	Vis. 4/5 mi.	Vis. 2/7 mi.	Vis. 2/5 mi.

Tuesday January 13, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 26 °F	Dir. NW	Temp 70 °F	-SN OBS - 0630		
Min. 17 °F	Vel. 10 m.p.h.	Read. 29.04 in.	Clds. St	Clds. St	Clds. Sc
Set 18 °F	Char. Steady	Corr. 28.99 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. 24 hr. Mov.	Sea L. 30.38 in.	8/10	6/10	7/10
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb	Wx cold	Wx cold	Wx Onilly
Ppn. Sol. 0.1 in.	Snow Depth 3 in.	Observer ELC	Vis. 2/5 mi.	Vis. 2/5 mi.	Vis. 2/5 mi.

Saturday January 15, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 27 °F	Dir. —	Temp 70 °F	-SN 940-1000		
Min. 19 °F	Vel. 0 m.p.h.	Read. 28.92 in.	-SN 2320-0000		
Set 24 °F	Char. calm	Corr. 28.80 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. 24 hr. Mov.	Sea L. 30.57 in.	Clds. St	Clds. St	Clds. St
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. -2 mb	Wx cold	Wx cold	Wx breezy
Ppn. Sol. 0 in.	Snow Depth 3 in.	Observer MW	Vis. 2/10 mi.	Vis. 2/5 mi.	Vis. 2/10 mi.

Monday January 17, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 26 °F	Dir. NE	Temp 70 °F	-SN obs - 0730		
Min. 16 °F	Vel. 4 m.p.h.	Read. 29.07 in.	0700	1300	1900
Set 17 °F	Char. light	Corr. 28.95 in.	Clds. St	Clds. Sc	Clds. Sc
R.H. 74 %	24 hr. Mov. 24 hr. Mov.	Sea L. 30.41 in.	4/10	10/10	10/10
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	Wx cold	Wx cold	Wx BRR
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer BB	Vis. 2/20 mi.	Vis. 2/7 mi.	Vis. 2/7 mi.

Wednesday January 19, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 35 °F	Dir. WSW	Temp 71 °F	-SN 0115-0600		
Min. 23 °F	Vel. 5 m.p.h.	Read. 28.57 in.	-SN 0115-0600		
Set 33 °F	Char. calm	Corr. 28.45 in.	*OUNT LOW: 30		
R.H. 100 %	24 hr. Mov. 24 hr. Mov.	Sea L. 29.97 in.	0700	1300	1900
Ppn. Liq. 0.17 in.	Prev. Dir. —	3 hr. Tend. +.5 mb	Clds. St	Clds. Sc	Clds. Sc
Ppn. Sol. 0.3 in.	Snow Depth 2 in.	Observer MW	Wx foggy	Wx cold	Wx cold

Wednesday January 12, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 27 °F	Dir. W	Temp 69 °F	-SN 1145-1920		
Min. 15 °F	Vel. 5 m.p.h.	Read. 28.57 in.	-SN 2000-2100		
Set 22 °F	Char. Steady	Corr. 28.46 in.	-SN 2120-2200		
R.H. 81 %	24 hr. Mov. 24 hr. Mov.	Sea L. 30.02 in.	-SN 120-140		
Ppn. Liq. 0.15 in.	Prev. Dir. —	3 hr. Tend. 0 mb	-SN 400-035		
Ppn. Sol. 2.6 in.	Snow Depth 4 in.	Observer MW	*OUNT LOW: 15	0700	1300
			0700	1300	1900
			Clds. Sc	Clds. Sc	Clds. St
			10/10	10/10	10/10
			Wx cold	Wx -SN	Wx Flurries
			Vis. 2 mi.	Vis. 5 mi.	Vis. 2/5 mi.

Friday January 14, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 28 °F	Dir. W	Temp 70 °F	-SN 0715-0725		
Min. 17 °F	Vel. 4 m.p.h.	Read. 29.12 in.	-SN 2100-2340		
Set 19 °F	Char. light	Corr. 29.00 in.	-SN 0240-065		
R.H. 77 %	24 hr. Mov. 24 hr. Mov.	Sea L. 30.45 in.	*OUNT LOW: 19		
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	0700	1300	1900
Ppn. Sol. 0 in.	Snow Depth 3 in.	Observer BB	Clds. St	Clds. St	Clds. St
			7/10	5/10	3/10
			Wx -SN	Wx cold	Wx -SN
			Vis. 2/4 mi.	Vis. 2/5 mi.	Vis. 2/10 mi.

Sunday January 16, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. WSW	Temp 69 °F	-SN 1230-100		
Min. 22 °F	Vel. 4 m.p.h.	Read. 29.02 in.	-SN 2320-0000		
Set 23 °F	Char. Steady	Corr. 28.90 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. 24 hr. Mov.	Sea L. 30.47 in.	Clds. Sc	Clds. Sc	Clds. Cu
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +2 mb	10/10	10/10	9/10
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer MW	Wx -SN	Wx cloud	Wx cloud
			Vis. 2 mi.	Vis. cloud	Vis. 2/5 mi.

Tuesday January 18, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 25 °F	Dir. SE	Temp 71 °F	-SN 2220-0530LT		
Min. 15 °F	Vel. 1 m.p.h.	Read. 28.74 in.	OUNT LOW: 22		
Set 23 °F	Char. light	Corr. 28.02 in.	0700	1300	1900
R.H. 94 %	24 hr. Mov. 24 hr. Mov.	Sea L. 30.04 in.	Clds. Sc	Clds. Sc	Clds. 4/10
Ppn. Liq. 0.09 in.	Prev. Dir. —	3 hr. Tend. -2 mb	10/10	10/10	4/10
Ppn. Sol. 0.10 in.	Snow Depth 3 in.	Observer MS	Wx calm	Wx cloudy	Wx calm
			Vis. 2/7 mi.	Vis. 2/7 mi.	Vis. 2/10 mi.

Thursday January 20, 2011 Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 37 °F	Dir. NW	Temp 71 °F	-SN 1530-1830		
Min. 23 °F	Vel. 2 m.p.h.	Read. 28.87 in.	-SN 1930-2300		
Set 24 °F	Char. light	Corr. 28.75 in.	-SN 0100-0230		
R.H. 71 %	24 hr. Mov. 24 hr. Mov.	Sea L. 30.18 in.	-SN 0645-065		
Ppn. Liq. 0 in.	Prev. Dir. —	3 hr. Tend. +1.0 mb	0700	1300	1900
Ppn. Sol. 0 in.	Snow Depth 2 in.	Observer ELC	Clds. Sc	Clds. Sc	Clds. St
			9/10	10/10	10/10
			Wx Flurries	Wx cold	Wx -SN
			Vis. 2/7 mi.	Vis. 2/5 mi.	Vis. 2/9 mi.

F: 20 Tunv: 13/11 Tw: M
 HDD: 45 Tdms: 17/13 Td: 9
 Z HDD: 410 MMTS: 25/9/14
 CDD: 0
 ZCDD: 0

F: 21 Tunv: 21/17 Tw: M
 HDD: 44 Tdms: 21/18 Td: 17
 Z HDD: 460 MMTS: 24/14/20
 CDD: 0
 ZCDD: 0

Z PCNL: 0.13"
 Z PCNS: 5.1" 1/11/11

Z PCNL: 0.28"
 Z PCNS: 5.0" 1-12-11

F: 22 Tunv: 17/19 Tw: M
 HDD: 43 Tdms: 17/10 Td: 10
 Z HDD: 503 MMTS: 24/14/16
 CDD: 0
 ZCDD: 0

F: 23 Tunv: 20/19 Tw: M
 HDD: 42 Tdms: 23/17 Td: 17
 Z HDD: 586 MMTS: 24/14/22
 CDD: 0
 ZCDD: 0

Z PCNL: 0.29"
 Z PCNS: 5.1" 1/13/11

Z PCNL: 0.29"
 Z PCNS: 5.1" 1-14-11

F: 23 Tunv: 20/19 Tw: M
 HDD: 42 Tdms: 23/17 Td: 17
 Z HDD: 586 MMTS: 24/14/22
 CDD: 0
 ZCDD: 0

F: 30 Tunv: 23/18 Tw: M
 HDD: 35 Tdms: 23/18 Td: 18
 Z HDD: 623 MMTS: 35/20/22
 CDD: 0
 ZCDD: 0

Z PCNL: 0.29"
 Z PCNS: 5.1" 1-15-11

Z PCNL: 0.29"
 Z PCNS: 5.1" 1-16-11

F: 21 Tunv: 15/17 Tw: M
 HDD: 44 Tdms: 18/10 Td: 10
 Z HDD: 667 MMTS: 23/15/15
 CDD: 0
 ZCDD: 0

F: 20 Tunv: 22/21 Tw: M
 HDD: 45 Tdms: 22/20 Td: 21
 Z HDD: 712 MMTS: 23/14/21
 CDD: 0
 ZCDD: 0

Z PCNL: 0.29"
 Z PCNS: 5.1" 1-17-11

Z PCNL: 0.38"
 Z PCNS: 5.7" 1/18/11

F: 29 Tunv: 34/32 Tw: M
 HDD: 36 Tdms: 33/33 Td: 33
 Z HDD: 748 MMTS: 32/21/32
 CDD: 0
 ZCDD: 0

F: 30 Tunv: 34/15 Tw: M
 HDD: 35 Tdms: 34/17 Td: 16
 Z HDD: 783 MMTS: 34/22/22
 CDD: 0
 ZCDD: 0

Z PCNL: 0.55"
 Z PCNS: 6.0" 1/19/11

Z PCNL: 0.55"
 Z PCNS: 6.0" 1/20/11

Friday January 21, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
29	71	21	BtKR	W	
19	28.58	21	28.46	W	
2	28.74	21	30.03	W	
12	28.74	21	30.03	W	
12	28.74	21	30.03	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
74	30.24	86	30.03	58	24 hr. Mov.
74	30.24	86	30.03	58	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
T	/	T	/	T	/
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
T	5	T	5	T	5
in.	in.	in.	in.	in.	in.

Saturday January 22, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
22	70	3	BtKR	W	
19	28.72	3	28.40	W	
3	28.72	3	28.40	W	
0.27	28.72	3	28.40	W	
0.27	28.72	3	28.40	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
79	30.27	79	30.27	79	24 hr. Mov.
79	30.27	79	30.27	79	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
0.01	0 mb	0.01	0 mb	0.01	0 mb
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
0.2	5	0.2	5	0.2	5
in.	in.	in.	in.	in.	in.

Sunday January 23, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
19	63	2	NW	W	
2	28.87	2	28.87	W	
12	28.87	2	28.87	W	
12	28.87	2	28.87	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
74	30.24	74	30.24	74	24 hr. Mov.
74	30.24	74	30.24	74	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
T	/	T	/	T	/
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
T	5	T	5	T	5
in.	in.	in.	in.	in.	in.

Monday January 24, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
21	66	3	NW	W	
19	28.92	3	28.40	W	
3	28.92	3	28.40	W	
0.01	28.92	3	28.40	W	
0.2	28.92	3	28.40	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
79	30.27	79	30.27	79	24 hr. Mov.
79	30.27	79	30.27	79	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
0.01	0 mb	0.01	0 mb	0.01	0 mb
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
0.2	5	0.2	5	0.2	5
in.	in.	in.	in.	in.	in.

Tuesday January 25, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
26	63	-1	SW	W	
26	28.87	-1	28.87	W	
14	28.87	-1	28.87	W	
14	28.87	-1	28.87	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
75	30.14	75	30.14	75	24 hr. Mov.
75	30.14	75	30.14	75	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
T	/	T	/	T	/
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
T	4	T	4	T	4
in.	in.	in.	in.	in.	in.

Wednesday January 26, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
33	70	3	W	W	
23	28.69	3	28.66	W	
23	28.69	3	28.66	W	
4	28.69	3	28.66	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
76	30.20	76	30.20	76	24 hr. Mov.
76	30.20	76	30.20	76	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
T	/	T	/	T	/
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
T	4	T	4	T	4
in.	in.	in.	in.	in.	in.

Thursday January 27, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
33	70	27	W	W	
24	28.69	27	28.69	W	
24	28.69	27	28.69	W	
24	28.69	27	28.69	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
81	30.00	81	30.00	81	24 hr. Mov.
81	30.00	81	30.00	81	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
0.21	3 hr. Tend.	0.21	3 hr. Tend.	0.21	3 hr. Tend.
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
2.1	6	2.1	6	2.1	6
in.	in.	in.	in.	in.	in.

Friday January 28, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
31	72	25	W	W	
25	28.58	25	28.58	W	
25	28.58	25	28.58	W	
25	28.58	25	28.58	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
89	29.86	89	29.86	89	24 hr. Mov.
89	29.86	89	29.86	89	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
0.03	3 hr. Tend.	0.03	3 hr. Tend.	0.03	3 hr. Tend.
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
0.3	6	0.3	6	0.3	6
in.	in.	in.	in.	in.	in.

Saturday January 29, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
34	71	22	W	W	
21	28.79	22	28.84	W	
21	28.79	22	28.84	W	
21	28.79	22	28.84	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
58	30.24	58	30.24	58	24 hr. Mov.
58	30.24	58	30.24	58	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
0.05	3 hr. Tend.	0.05	3 hr. Tend.	0.05	3 hr. Tend.
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
0.8	5	0.8	5	0.8	5
in.	in.	in.	in.	in.	in.

Sunday January 30, 2011
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Barom.	Temp	Dir.	Wind	
31	71	27	W	W	
22	28.84	27	28.72	W	
22	28.84	27	28.72	W	
22	28.84	27	28.72	W	
R.H.	Sea L.	R.H.	Sea L.	R.H.	
73	30.29	73	30.29	73	24 hr. Mov.
73	30.29	73	30.29	73	24 hr. Mov.
Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.	Ppn. Liq.	Prev. Dir.
0.05	3 hr. Tend.	0.05	3 hr. Tend.	0.05	3 hr. Tend.
Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth	Ppn. Sol.	Snow Depth
2.0	7	2.0	7	2.0	7
in.	in.	in.	in.	in.	in.

F: 25 Turnv 22/15 Tw: M
 HDD: 40 TD: 13
 Σ HDD: 823 TDMS: 21/14
 MMTS: 20/20/20
 CDD: 0 Σ CDD: 0
 Σ HDD: 0

Σ PCNL: 0.82"
 Σ PCNS: 8.8" 1/21/11
 Σ PCNL: 0.83"
 Σ PCNS: 9.0" 1/22/11

F: 11 Turnv 13/5 Tw: M
 HDD: 14 TD: 5
 Σ HDD: 889 TDMS: 13/5
 MMTS: 10/1-1/12
 CDD: 0 Σ CDD: 0
 Σ CDD: 0

Σ PCNL: 0.83"
 Σ PCNS: 9.0" 1/23/11
 Σ PCNL: 0.83"
 Σ PCNS: 9.0" 1/24/11

F: 14 Turnv 23/18 Tw: M
 HDD: 52 TD: 17
 Σ HDD: 1037 TDMS: 24/17
 MMTS: 23/1-4/23
 CDD: 0 Σ CDD: 0
 Σ CDD: 0

Σ PCNL: 0.83"
 Σ PCNS: 9.0" 1/25/11
 Σ PCNL: 0.83"
 Σ PCNS: 9.0" 1/26/11

F: 29 Turnv 27/21 Tw: M
 HDD: 36 TD: 22
 Σ HDD: 1110 TDMS: 27/22
 MMTS: 31/23/25
 CDD: 0 Σ CDD: 0
 Σ CDD: 0

Σ PCNL: 1.04"
 Σ PCNS: 11.1" 1-27-11
 Σ PCNL: 1.07"
 Σ PCNS: 11.4" 1-28-11

F: 28 Turnv 22/18 Tw: M
 HDD: 37 TD: 19
 Σ HDD: 1184 TDMS: 22/19
 MMTS: 31/20/21
 CDD: 0 Σ CDD: 0
 Σ CDD: 0

Σ PCNL: 1.16"
 Σ PCNS: 12.2" 1-29-11
 Σ PCNL: 1.15"
 Σ PCNS: 14.2" 1/30/11

Turnv 3/1-2 Tw: M
 TDMS: 3/1-2 TD: -2
 MMTS: 19/1/1

Turnv: -3/-8 Tw: M
 TDMS: 1/-4 TD: -7
 MMTS: 18/5/1-2

Turnv: 24/22 Tw: M
 TDMS: 26/24 TD: 24
 MMTS: 31/22/23

Turnv: 24/23 Tw: M
 TDMS: 25/23 TD: 23
 MMTS: 29/23/23

Turnv: 27/23 Tw: M
 TDMS: 27/23 TD: 22
 MMTS: 29/10/20

Monday January 31st 2011

0700 EST

Temp.		Wind		Barom.		General Obs.		
Max. 33	°F	Dir. —		Temp 70	°F	-90 300 - 1320		
Min. 10	°F	Vel. 0	m.p.h.	Read. 29.75	in.			
Set 11	°F	Char. none		Corr. 29.13	in.			
R.H. 92	%	24 hr. Mov. —	mi.	Sea L. 30.75	in.	Clds. 1/10	°f	
Ppn. Liq. T	in.	Prev. Dir. —		3 hr. Tend. +2.0	mb	Wx cold		
Ppn. Sol. T	in.	Snow Depth 7	in.	Observer HW		Vis. ~17	mi.	
						0700		
						1300		
						AS 1900		
						Clds. 3/10	AS	
						Wx cold		
						Wx cloudy		
						Wx cloudy		
						Vis. ~17	mi.	
						Vis. ~17	mi.	
						Vis. ~17	mi.	

F: 22
ADDR: 43
ΣHND: 265
ΣDD: 0
ΣCND: 0

T_{aw}: 12/9
T_{avg}: 13/8
MMS: 30/19/9

T_u: m
Q: 8

ΣPCN: 1.15"
ΣPCN: 14.2"

JAN Temp's
T_{max} = 30.7°C
T_{mid} = 17.1
T_{min} = 23.92°C

1/31/11