

Tuesday 1 JANUARY 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 23 °F	Dir. WSW	Temp 73 °F	OCNL FLURRIES BINOC			
Min. 14 °F	Vel. 4 m.p.h.	Read. 29.93 in.				
Set 16 °F	Char. -	Corr. 29.81 in.	0700	1300	1900	
R.H. 74 %	24 hr. Mov. mi.	Sea L. 30.27 in.	Clds. 10/10	Clds.	Clds. 4/10 Cu	
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend. +0.3 mb	Wx	Wx	Wx	
Ppn. Sol. T in.	Snow Depth T in.	Observer FJG	Vis. 20 mi.	Vis. mi.	Vis. 6 mi.	

$\bar{T}: 19$

HDD: 46

CDD: 0

Σ HDD: 46

Σ CDD: 0

Σ PCN_h: T

Σ PCN_S: T

T_{DNIS}: 16/9

T_{UNV}: 16/9

T_w: M

T_d: 9

PCN_{TB}: 0.00

Σ PCN_{TB}: 0.00

T: 21
HDD: 44
CDD: 0
 Σ HDD: 90
 Σ CDD: 0
 Σ PCN_L: T
 Σ PCN_S: T

T_{DAVIS}: 16/12 T_W: M
T_{UNU}: 18/8 T_O: 12

PCN_{TB}: 0.00
 Σ PCN_{TB}: 0.00

Thursday 3 January 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 31 °F	Dir. NNW	Temp 69 °F	1c 0730-0845 LT			
Min. 13 °F	Vel. 2 m.p.h.	Read. 28.92 in.	-SHSN 1045-1100 LT			
Set 14 °F	Char. light	Corr. 28.80 in.	0700	1300	1900	
R.H. 88 %	24 hr. Mov. M mi.	Sea L. 30.26 in.	Clds. ST 5/10 CU	Clds.	Clds. 2/10 ST	
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. 1-1/2 mb	Wx COLD	Wx	Wx COLD	
Ppn. Sol. T in.	Snow Depth T in.	Observer MAW	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.	

T: 22
HDD: 43
CDD: 0
 Σ HDD: 133
 Σ CDD: 0
 Σ PCNL: T
 Σ PCNS: T

T DAVIS: 16/11 Tw: M
T W W: 16/8 To: 11

PCNTB: 0.00
 Σ PCNTB: 0.00

FRIDAY 4 JANUARY 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	34 °F	Dir.	W	Temp	* Ount Low 25 °F		
				71 °F			
Min.	14 °F	Vel.	7 m.p.h.	Read.	1-SHSN 0630LT-obs		
				28.88 in.			
Set.	25 °F	Char.	Gust 13 mph	Corr.	0700	1300	1900
				28.76 in.	Clds.	Clds.	Clds.
R.H.	74 %	24 hr. Mov.	— mi.	Sea L.	10/10 NS		3/10
				30.19 in.	Wx	Wx	Wx
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	- SHSN		chilly
				+1 mb			
Ppn.	T in.	Snow Depth	T in.	Observer	Vis.	Vis.	Vis.
				TMF	15 mi.	mi.	20 mi.

\bar{T} : 24

HDD: 41

CDD: 0

Σ HDD: 174

Σ CDD: 0

Σ PCN_C: T

Σ PCN_S: T

T_{DAVIS}: 25/18

T_{UNV}: 25/16

T_w: —

T_D: 18

PCN_{TR}: 0.00

Σ PCN_{TR}: 0.00

SATURDAY 5 JANUARY 2002

Meteorological Observatory
University Park, PA

Temp.		Wind		0700 EST Barom.		General Obs.		
Max.	32 °F	Dir.	WSW	Temp	70 °F	*Ovnt Low 27°F - SHSN OBS - 0700 LT		
Min.	25* °F	Vel.	1 m.p.h.	Read.	28.86 in.			
Set	27 °F	Char.	LIGHT	Corr.	28.74 in.			
R.H.	63 %	24 hr. Mov.	— mi.	Sea L.	30.16 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	- +0 mb	Clds. CF 4/10 ST	Clds.	Clds. AC 6/10 AS
Ppn.	T in.	Snow Depth	T in.	Observer	TMF	Wx Cool	Wx	Wx not as cold
				Observer		Vis. 15 mi.	Vis.	Vis. 6 mi.

T 29

HDD 36

CPD: 0

Σ HDD: 210

Σ CPD: 0

Σ PCN_L: T

Σ PCN_S: T

T_{DAVIS}: 27/16 T_w: —

T_{UNV}: 25/12 T_D: 16

PCN_{TBi}: 0.00

Σ PCN_{TBi}: 0.00

SUNDAY 6 JANUARY 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	42 °F		Dir.	SW		Temp	71 °F		* OUR NGT LOW 33°F		
Min.	26° °F		Vel.	4 m.p.h.		Read.	28.68 in.				
Set	35 °F		Char.	Steady		Corr.	28.56 in.				
R.H.	31 %		24 hr. Mov.	— mi.		Sea L.	29.95 in.		0700	1300	1900
Clds.	10/10 Se		Clds.			Clds.	14/10 St				
Ppn. Liq.	0.00 in.		Prev. Dir.	—		3 hr. Tend.	7.6 mb		Wx	Cool & tranquil	
Wx			Wx			Wx	SN				
Ppn. Sol.	0.0 in.		Snow Depth	0 in.		Observer	JET		Vis.	20 mi.	
Vis.			Vis.			Vis.			mi.	.2 mi.	

$\bar{T}: 34$

$T_{\text{avis}}: 37/12$

$TW: 27$

$HOD: 31$

$T_{\text{UV}}: 36/14$

$T_D: 7$

$COD: 0$

$\Sigma HOD: 241$

$\Sigma COD: 0$

$\Sigma PCN_L: T$

$\Sigma PCN_S: T$

$PCN_B: 0.00$
 $\Sigma PCN_B: 0.00$

Monday 7 January 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 39 °F	Dir. N	Temp 72 °F	*record snowfall (old record: 5.0 inches in 1945) -SN 0230-08LT -SN 1030-1330 LT SN 1330-2230 LT →			
Min. 29 °F	Vel. 4 m.p.h.	Read. 28.44 in.				
Set 31 °F	Char. light	Corr. 28.32 in.	0700	1300	1900	
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 29.71 in.	Clds. 10/10 NS	Clds. 10/10 ST	Clds. 4/10 NS	
Ppn. Liq. 0.90 in.	Prev. Dir. M	3 hr. Tend. 13mb	Wx -SN	Wx chilly dreary	Wx breezy, chilly	
Ppn. Sol.* 13.0 in.	Snow Depth 11 in.	Observer MAW	Vis. 1/2 mi.	Vis. 20 mi.	Vis. 20 mi.	

T: 34

HDD: 31

CDD: 0

Σ HDD: 272

Σ CDD: 0

Σ PCN_L: 0.90

Σ PCN_S: 13.0

T_{DAVIS}: 31/30 Tw: M

T_{UNU}: 30/26 T_O: 30

→ +SN 1600-2000LT

PCN_{TB}: 0.00

Σ PCN_{TB}: 0.00

Tuesday 8 January 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 35 °F	Dir. W	Temp 71 °F		- SN 085-1130 SHSN 1730-1830		
Min. 21 °F	Vel. 5 m.p.h.	Read. 28.82 in.		- SHSN 0500-0800		
Set 23 °F	Char. gusty	Corr. 28.69 in.		0700	1300	1900
R.H. 76 %	24 hr. Mov. - mi.	Sea L. 30.12 in.	Clds. N5 9/10	Clds.	Clds. a 1/10	
Ppn. Liq. 0.02 in.	Prev. Dir. -	3 hr. Tend. +1 mb	Wx SHSN	Wx	Wx Chilly	
Ppn. Sol. 0.5 in.	Snow Depth 9 in.	Observer DRH	Vis. 15 mi.	Vis. mi.	Vis. 20 mi.	

$\bar{T}: 28$

HDD: 37

CDD: 0

 $\Sigma \text{HDD}: 309$ $\Sigma \text{CDD}: 0$ $\Sigma \text{PCN}_L: 0.92$ $\Sigma \text{PCN}_S: 13.5$ $T_{\text{DAVIS}}: 23/17$ $T_{\text{UNV}}: 23/16$ $T_w: M$ $T_p: 17$ $\text{PCN}_{T3}: 0.00$ $\Sigma \text{PCN}_{T3}: 0.00$

Wednesday 9 January 2002 700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 33 °F	Dir. SW	Temp 72 °F	* Ovnt Low 260F • - FZRA / PLN 0615LT			
Min. 23 * °F	Vel. 5 m.p.h.	Read. 28.54n.				
Set 33 °F	Char. Steady	Corr. 28.43n.	0700	1300	1900	
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.82in.	Clds. st 10/10	Clds. CI 8/10 ES AS	Clds. Ci 4/10	
Ppn. Liq. T in.	Prev. Dir. —	3 hr. Tend. -0.5mb	Wx Dreary	Wx Not as cold	Wx mild	
Ppn. Sol. T in.	Snow Depth 8 in.	Observer TMF	Vis. 15 mi.	Vis. 20 mi.	Vis. 10 mi.	

\bar{T} : 28

HDD: 37

CDD: 0

Σ HDD: 346

Σ CDD: 0

Σ PCNL: 0.92

Σ PCN_{TS}: 13.5

T_{DAVIS}: 32/25 T_w: —

T_{unv}:

T₀: 25

PCN_{TS}: 0.00

Σ PCN_{TS}: 0.00

Thursday 10 JANUARY 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.			Wind			Barom.			General Obs.		
Max.	48 °F		Dir.	WSW		Temp	72 °F		*OUR NGT LOW 44°F		
Min.	33 °F		Vel.	12 m.p.h.		Read.	28.63 in.				
Set	44 °F		Char.	variable		Corr.	28.50 in.				
R.H.	86 %		24 hr. Mov.	— mi.		Sea L.	29.84 in.		0700	1300	1900
Ppn. Liq.	0.00 in.		Prev. Dir.	—		3 hr. Tend.	+1 mb		Clds. Ci	Clds. Cu	Clds. Ci
Ppn. Sol.	0.0 in.		Snow Depth	4 in.		Observer	JET		2/10 st	1/10	3/10 st
									Wx	Wx	Wx
									Breezy	cool	
									Vis.	Vis.	Vis.
									20 mi.	20 mi.	6 mi.

$$\bar{T} = 41$$

$$H_{00} = 24$$

$$C_{00} = 0$$

$$\sum H_{00} = 370$$

$$\sum C_{00} = 0$$

$$\sum PCN_L = 0.92$$

$$\sum PCN_S = 13.5$$

$$T_{navis} = 44/36$$

$$T_{UNJ} = 37/36$$

$$T_w = 40$$

$$T_D = 40$$

$$PCN_B = 0.00$$

$$\sum PCN_B = 0.00$$

FRIDAY 11 JANUARY 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	52 °F	Dir.	W	Temp	72 °F	- SMRA 03:15 LT - 06:30 LT		
Min.	38 °F	Vel.	10 m.p.h.	Read.	28.58 in.			
Set	39 °F	Char.	G 18	Corr.	28.45 in.			
R.H.	92 %	24 hr. Mov.	- mi.	Sea L.	29.82 in.	0700	1300	1900
Ppn. Liq.	.05 in.	Prev. Dir.	-	3 hr. Tend.	1.3 mb	Clds.	Clds.	Clds.
Ppn. Sol.	0.0 in.	Snow Depth	T in.	Observer	DJS	5/10 cu	10/10 SC	8/10 SC
						Wx	Wx	Wx
						breezy	colder blustery	chilly
						Vis.	Vis.	Vis.
						8 mi.	20 mi.	5 mi.

$T: 45$

$T_{avis}: 39/36$

$T_w: m$

$MAD: 20$

$T_{unv}: 37/33$

$T_d: 36$

$CDD: 0$

$\Sigma MAD: 390$

$\Sigma CDD: 0$

$\Sigma PCN_L: 0.97$

$\Sigma PCN_S: 13.5$

$PCN_{TB}: 0.00$

$\Sigma PCN_{TB}: 0.00$

Saturday 12 JANUARY 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F		Dir. SW	Temp 72 °F	• SUNSH 1100-1130 LT 1900-1915 LT GS 1445-1450 LT		
Min. 31 °F		Vel. 4 m.p.h.	Read. 28.80 in.			
Set 31 °F		Char. Steady	Corr. 28.67 in.			
				0700	1300	1900
R.H. 77 %		24 hr. Mov. - mi.	Sea L. 30.07 in.	Clds. 710 Sc	Clds.	Clds. 610 Ci
Ppn. Liq. T in.		Prev. Dir. -	3 hr. Tend. - 0 mb	Wx Cold Breeze	Wx	Wx Bsk
Ppn. Sol. T in.		Snow Depth T in.	Observer JET	Vis. 15 mi.	Vis. mi.	Vis. 5 mi.

\bar{T} : 36
HOD: 29
COD: 0
 Σ HOD: 419
 Σ COD: 0
 Σ PCNL: 0.97
 Σ PCNS: 13.5

T Davis: 31/25
Tuvv: 24/28

Tw: M
To: 25

PCNTB: 0.00
 Σ PCNTB: 0.00

Sunday 13 JANUARY 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 45 °F		Dir. W	Temp 70 °F	- SNOW 0100-0130 CT 0500-0515 0655-0655		
Min. 30 °F		Vel. 12 m.p.h.	Read. 28.41 in.			
Set 33 °F		Char. G20	Corr. 28.29 in.			
				0700	1300	1900
R.H. 73 %		24 hr. Mov. — mi.	Sea L. 29.67 in.	Clds. 9/10 NS	Clds.	Clds. 2/10 CU
Ppn. T in.	Liq. in.	Prev. Dir. —	3 hr. Tend. 1+1 mb	Wx -SN FL	Wx	Wx brisk
Ppn. T in.	Sol. in.	Snow Depth T in.	Observer JET	Vis. 20 mi.	Vis. mi.	Vis. 6 mi.

T: 38

HDD: 27

COO: 0

$\Sigma H00$: 446

$\Sigma C00$: 0

ΣPCN_2 : 0,97

ΣPCN_3 : 13,5

TUNN: 32/27

TANUN: 33/25

TW: M

TO: 25

PCNB: 0.00

$\Sigma PCNB$: 0.00

Monday 14 January 2002
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 37 °F	Dir. -	Temp 72 °F	-SUSH OCCL			
Min. 24 °F	Vel. 0 m.p.h.	Read. 28.85 in.				
Set 29 °F	Char. calm	Corr. 28.72 in.	0700	1300	1900	
R.H. 77 %	24 hr. Mov. M mi.	Sea L. 30.13 in.	Clds. 9/10 AS	Clds. CU 8/10 ASC	Clds. 8/10 ST	
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx chilly	Wx COOL	Wx COOL	
Ppn. Sol. T in.	Snow Depth T in.	Observer MAW	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.	

T: 31
HDD: 34
CDD: 0
 Σ HDD: 480
 Σ CDD: 0
 Σ PCN_L: 0.97
 Σ PCN_S: 13.5

T_{WU}: 28/17 T_W: M
T_{DAVIS}: 30/23 T_D: 23

PCN_{TB}: 0.00
 Σ PCN_{TB}: 0.00

Tuesday 15 January 2002 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 42 °F	Dir. WSW	Temp 72 °F	Temp 72 °F	*OUNT 35 2100-2130 - RA		
Min. 29* °F	Vel. 20 m.p.h.	Read. 28.70 in.	Read. 28.70 in.	0215-0340 - RA 0615-0640 SB		
Set 39 °F	Char. gusty	Corr. 28.57 in.	Corr. 28.57 in.	0700	1300	1900
R.H. 67 %	24 hr. Mov. - mi.	Sea L. 29.94 in.	Clds. 10/10 St	Clds. 10/10 allo Sc	Clds. 10/10 1910	
Ppn. Liq. 0.01 in.	Prev. Dir. -	3 hr. Tend. /+1 mb	Wx blustery	Wx enilly	Wx SHSN	
Ppn. Sol. T in.	Snow Depth T in.	Observer DRH	Vis. 20 mi.	Vis. 20 mi.	Vis. 4 mi.	

$\bar{T}: 36$

HDD: 29

CDD: 0

Σ HDD: 509

Σ CDD: 0

Σ PCNL: 0.98

Σ PCNs: 13.5

$T_{UVV}: 37/27$

$T_{DAVES}: 39/27$

$T_w: 35$

$T_p: 29$

$PCN_{T8}: 0.00$

$\Sigma PCN_{T8}: 0.00$

Wednesday 16 January 2001
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	40 °F	Dir.	W	Temp	72 °F	- SHSN 1030-1130LT 1430LT-1500LT 1700LT-1730LT 1900LT-1930LT							
Min.	33 °F	Vel.	11 m.p.h.	Read.	29.00 in.								
Set	33 °F	Char.	6 gusts 18	Corr.	28.87 in.	0700	1300	1900					
R.H.	73 %	24 hr. Mov.	— mi.	Sea L.	30.28 in.	Clds.	10/10 st	Clds.	9/10 SC	Clds.	8/10 st		
Ppn.	T in.	Liq.	—	Prev. Dir.	—	3 hr. Tend.	+1.5 mb	Wx	Dull	Wx	chilly dreary	Wx	chilly
Ppn.	T in.	Sol.	T in.	Snow Depth	T in.	Observer	TMF	Vis.	15 mi.	Vis.	25 mi.	Vis.	10 mi.

\bar{T} : 37

T_{UNV} : 32/21

T_w : —

HDD: 28

T_{DAVIS} : 32/25

T_b : 25

CDD: 0

Σ HDD: 537

ECDD: 0

ϵPCN_L : 0.98

PCN_{73} : 0.00

ϵPCN_S : 13.5

ϵPCN_{75} : 0.00

Thursday 17 JANUARY 2012 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. W	Temp 74 °F	SG 0900-1130 CT - SWJH 6100 - 0130 0230 - 0300 0400 - 0430 ✓ OVERCAST LOW 33		
Min.	31* °F	Vel. 9 m.p.h.	Read. 28.72 in.			
Set	33 °F	Char. Steady	Corr. 28.59 in.			
R.H.	78 %	24 hr. Mov. - mi.	Sea L. 29.99 in.	Clds. St 10/10	Clds. Sc 8/10	Clds. Sc 8/10
Ppn. Liq.	T in.	Prev. Dir. -	3 hr. Tend. 1-1.5 mb	Wx Chilly	Wx Breezy	Wx Chilly
Ppn. Sol.	T in.	Snow Depth T in.	Observer JET	Vis. 20 mi.	Vis. 25 mi.	Vis. 6 mi.



T: 34

HDD: 31

COB: 0

ΣHDD: 56P

ΣCOB: 0

ΣPCNL: 0.98

ΣPCNS: 13.5

Trevisi: 33/27

TUNU: 28/28

TW: M

TD: 27

PCNTMS: 0.00

ΣPCNTBS: 0.00



FRIDAY 18 JANUARY 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 40 °F	Dir. W	Temp 72 °F	OCCNL - SMSN 04:00 LT - 06:10 LT			
Min. 25 °F	Vel. 7 m.p.h.	Read. 28.87 in.				
Set 25 °F	Char. GIS	Corr. 28.74 in.				
			0700	1300	1900	
R.H. 62 %	24 hr. Mov. - mi.	Sea L. 30.17 in.	Clds. 9/10 SC	Clds. CU 8/10 SC	Clds. Clear 0/10	
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. +0.5 mb	Wx chilly	Wx blustery cold	Wx brisk cold	
Ppn. Sol. T in.	Snow Depth T in.	Observer DJS	Vis. 6 mi.	Vis. 20 mi.	Vis. 6 mi.	

F: 33

HDD: 32

CDD: 0

Σ HDD: 600

Σ CDD: 0

Σ PCN_L: 0.98"

Σ PCN_S: 13.5"

T_{DAVIS}: 25/14

T_W: M

T_{UNV}: 26/12

T_A: 14

PCN_{TS}: 0.00

Σ PCN_{TS}: 0.00



Saturday 19 January 2002
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 32 °F	Dir. -	Temp 72 °F	-SF OCCL			
Min. 24 °F	Vel. 0 m.p.h.	Read. 28.95 in.				
Set 25 °F	Char. calm	Corr. 28.82 in.	0700	1300	1900	
R.H. 72 %	24 hr. Mov. M mi.	Sea L. 30.25 in.	Clds. 10/10 ST	Clds.	Clds. 10/10 NS	
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. 1-1 mb	Wx chilly	Wx	Wx SN	
Ppn. Sol. T in.	Snow Depth T in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 6 mi.	

$T: 28$
 $HDD: 37$
 $COD: 0$
 $\Sigma HDD: 637$
 $\Sigma COD: 0$
 $\Sigma PCN_L: 0.98$
 $\Sigma PCN_S: 13.5$

$T_{UNU}: 23/15$ $T_W: M$

$T_{DAVIS}: 25/17$ $T_D: 17$

$PCN_{TB}: 0.00$
 $\Sigma PCN_{TB}: 0.00$

Sunday 20 January 2002
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 28 °F		Dir. SW	Temp 70 °F	-SN 0800 - 2130		
Min. 18 °F		Vel. 6 m.p.h.	Read. 28.87 in.			
Set 18 °F		Char. steady	Corr. 28.75 in.	0700	1300	1900
R.H. 96 %		24 hr. Mov M mi.	Sea L. 30.20 in.	Clds. 0/10 clear	Clds.	Clds. 8/10 ci
Ppn. Liq. 0.17 in.		Prev. Dir. M	3 hr. Tend. +2mb	Wx chilly	Wx	Wx cool
Ppn. Sol. 2.0 in.		Snow Depth 2 in.	Observer MAW	Vis. 25 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T}: 23$

$HDD: 42$

$COD: 0$

$\Sigma HDD: 679$

$\Sigma COD: 0$

$\Sigma PCN_L: 1.15$

$\Sigma PCN_S: 15.5$

$T_{DAVIS}: 22/17$ $T_w: M$

$T_{WU}: 21/12$ $T_D: 17$

$PCN_{TB}: 0.00$

$\Sigma PCN_{TB}: 0.00$

Monday 21 January 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 34 °F	Dir. S	Temp 72 °F	SN 0540-0B *overnight low 27°F			
Min. * 16 °F	Vel. 8 m.p.h.	Read. 28.72 in.				
Set 31 °F	Char. steady	Corr. 28.59 in.	0700	1300	1900	
R.H. 89 %	24 hr. Mov. M mi.	Sea L. 29.99 in.	Clds. 10/10 NS	Clds. 10/10 ST	Clds. 10/10 S4	
Ppn. Liq. 0.03 in.	Prev. Dir. M	3 hr. Tend. 1-4 mb	Wx -SN	Wx chilly	Wx windy!	
Ppn. Sol. 0.4 in.	Snow Depth 2 in.	Observer MAW	Vis. 6 mi.	Vis. 15 mi.	Vis. 0.5 mi.	

\bar{T} : 25
HDD: 40
CDD: 0
 Σ HDD: 719
 Σ CDD: 0
 Σ PCN_L: 1.18
 Σ PCN_S: 15.9

T_{DAVIS}: 30/28 T_{wim}
T_{UNU}: 28/24 T₀: 28

PCN_{TB}: 0.00
 Σ PCN_{TB}: 0.00

Tuesday 22 January 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 39 °F	Dir. WSW	Temp 72 °F		0700-0730 -SN 0815-0945 -SN 0945-1050-PL, -DZ		
Min. 30 °F	Vel. 8 m.p.h.	Read. 29.01 in.				
Set 31 °F	Char. gusty	Corr. 29.98 in.		0700	1300	1900
R.H. 61 %	24 hr. Mov. - mi.	Sea L. 30.30 in.	Clds. clear	Clds. clear	Clds. 0/10	
Ppn. Liq. .01 in.	Prev. Dir. -	3 hr. Tend. /+2 mb	Wx breezy	Wx Sunny	Wx MILD	
Ppn. Sol. 0.2 in.	Snow Depth 1 in.	Observer DRH	Vis. 15 mi.	Vis. 20 mi.	Vis. 20 mi.	

$\bar{T}: 35$

HDD: 30

CDD: 0

Σ HDD: 749

Σ CDD: 0

Σ PCN_v: 1.19

Σ PCN_s: 16.1

T_{DAVS}: 31/24

T_{UNV}: 30/19

T_w: M

T_p: 19

PCN_{TB}: 0.00

Σ PCN_{TB}: 0.00

Wednesday 23 January 2002 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 48 °F	Dir. SW	Temp 74 °F	* Ovnt Low 44°F			
Min. 31* °F	Vel. 10 m.p.h.	Read. 28.88 in.				
Set 44 °F	Char. Steady	Corr. 28.75 in.	0700	1300	1900	
R.H. 49 %	24 hr. Mov. — mi.	Sea L. 30.12 in.	Clds. AS 8/10 CE	Clds. 10/10 ST	Clds. 10/10 ST	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -5 mb	Wx MILD	Wx Warmer	Wx misty	
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer TMF	Vis. 20 mi.	Vis. 20 mi.	Vis. 5 mi.	

\bar{T} : 40

HDD: 25

CDD: 0

Σ HDD: 774

Σ CDD: 0

Σ PCN_c: 1.19

Σ PCN_s: 16.1

T_{DAVIS}: 43/26 T_w: M

T_{UNV}: 39/21 T_D: 26

PCN_{TB}: 0.00

Σ PCN_{TB}: 0.00

Thursday 24 JANUARY 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. ESE	Temp 74 °F	- RA 0415-0430 0655-083		
Min.	42 °F	Vel. 4 m.p.h.	Read. 28.64 in.			
Set	44 °F	Char. Steady	Corr. 28.51 in.			
R.H.	86 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	0700 Clds. 10/10 NS	1300 Clds. 10/10 NS	1900 Clds. 9/10 SE
Ppn. Liq.	T in.	Prev. Dir. —	3 hr. Tend. 1-2 mb	Wx -FG -RA	Wx FG -02 misty	Wx COOL
Ppn. Sol.	0.0 in.	Snow Depth T in.	Observer JET	Vis. 5 mi.	Vis. 3 mi.	Vis. 6 mi.

T: 46

H00: 19

C00: 0

$\Sigma H00$: 793

$\Sigma C00$: 0

ΣPCN_L : 1.19

ΣPCN_S : 16.1

Towns: 43/42

Town: 41/41

Tw: 42

To: 40

PCNTB: 0.00

$\Sigma PCNTB$: 0.00

FRIDAY 25 JANUARY 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. WNW	Temp 72 °F	SHRA OBS - 11:45 LT OCCNL DZ 11:45 LT - 17:00 LT -SHRA 17:00 - 17:30 LT -SHSN 2:00 - 3:00 LT		
Min.	29 °F	Vel. 10 m.p.h.	Read. 28.84 in.			
Set	29 °F	Char. 6 20	Corr. 28.71 in.	0700	1300	1900
R.H.	69 %	24 hr. Mov. - mi.	Sea L. 30.13 in.	Clds. 2/10 Cu	Clds. 1/10 Cu	Clds. 0/10 Clear
Ppn. Liq.	0.15 in.	Prev. Dir. -	3 hr. Tend. / +2.5 mb	Wx CHILLY BREEZY	Wx cooler out nice	Wx chilly
Ppn. Sol.	0.00 in.	Snow Depth T in.	Observer DJS	Vis. 20 mi.	Vis. 25 mi.	Vis. 6 mi.

I: 41
HDD: 24
CDD: 0
 Σ HDD: 817
 Σ CDD: 0
 Σ PCNL: 1.34"
 Σ PCNS: 16.1"

T_{DAVIS}: 29/20
T_{UNV}: 28/17

T_w: M
T_a: 20

PCN_{T6}: 0.11"
 Σ PCN_{T6}: 0.11"

Saturday 26 January 2002 0700 EST Meteorological Observatory
 University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	44 °F	Dir. WSW	Temp 72 °F	*overnight low 33°F		
Min.	29* °F	Vel. 16 m.p.h.	Read. 29.02 in.			
Set	37 °F	Char. G24	Corr. 28.89 in.			
				0700	1300	1900
R.H.	55 %	24 hr. Mov. M mi.	Sea L. 30,31 in.	Clds. 0/10 clear	Clds.	Clds. 0/10 clear
Ppn. Liq.	0.00 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx chilly	Wx	Wx crisp
Ppn. Sol.	0.0 in.	Snow Depth T in.	Observer MAW	Vis. 25 mi.	Vis. mi.	Vis. 6 mi.

T: 37

HDD: 28

CDD: 0

Σ HDD: 845

Σ CDD: 0

Σ PCU_L: 1.34

Σ PCU_S: 16.1

T_{DAVIS}: ³⁷/22 Tw: M

T_{UNU}: ³⁶/17 T_D: 22

PCU_{TB}: 0.00

Σ PCU_{TB}: 0.11

Sunday 27 January 2002
0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 53 °F	Dir. SW	Temp 72 °F	contrails			
Min. * 29 °F	Vel. 6 m.p.h.	Read. 29.02 in.				
Set 36 °F	Char. steady	Corr. 28.89 in.				
R.H. 68 %	24 hr. Mov. M mi.	Sea L. 30.29 in.	0700 Clds. CF 6/10 Cs	1900 Clds. Ci 7/10 Ci	1900 Clds.	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx pleasant	Wx balmy	Wx	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 25 mi.	Vis. 25 mi.	Vis. mi.	

T: 41
HDD: 24
CDD: 0
 Σ HDD: 869
 Σ CDD: 0
 Σ PCNL: 1.34
 Σ PCNS: 16.1

T DAVIS: 43/27 Tw: M
TUNU: 39/21 T_D: 27

PCNTB: 0.06
 Σ PCNTB: 0.11

MONDAY 28 JANUARY 2002

0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. # 63 °F	Dir. SW	Temp 73 °F	CONTRAILS * RECORD HIGH (OLD RECORD 60 IN 1974)			
Min. 34 °F	Vel. 7 m.p.h.	Read. 28.91 in.				
Set 40 °F	Char. STEADY	Corr. 28.78 in.				
R.H. 67 %	24 hr. Mov. - mi.	Sea L. 30.17 in.	0700 Clds. 5/10 Ci	1300 Clds.	1900 Clds. 3/10 Ci	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. L-.9 mb	Wx COOL	Wx	Wx mild	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DJS	Vis. 25 mi.	Vis. mi.	Vis. 25 mi.	

$\bar{T}: 48$

HDD: 16

CDD: 0

Σ HDD: 885

Σ CDD: 0

Σ PCN_L: 1.34

Σ PCN_S: 16.1

$T_{DAVIS}: 49/36$

$T_{UNU}: 42/30$

$T_w: 36$

$T_d: 30$

PCN_{TB}: 0.00

Σ PCN_{TB}: 0.11

Tuesday 29 January 2002

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. ★ 62 °F	Dir. SW	Temp 74 °F	Read. 28.80 in.	★ Record High (Old Record 54 in 1950) ★ Record Max Min (Old = 38, 1974) ★ OVNT 43°		
Min. ★ 40 °F	Vel. 3 m.p.h.	Set 53 °F				
Char. light	Corr. 28.67 in.	0700				
R.H. 64 %	24 hr. Mov. - mi.	Sea L. 30.02 in.	Clds. 0/10 St	Clds. 10/10 Sc	Clds. 10/10 St	
Ppn. Liq. 0.00 in.	Prev. Dir. -	3 hr. Tend. - 0 mb	Wx mild	Wx warm	Wx mild	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer DRH	Vis. 15 mi.	Vis. 15 mi.	Vis. 15 mi.	

$\bar{T}: 51$

HDD: 14

CDD: 0

Σ HDD: 899

Σ CDD: 0

Σ PCN_L: 1.34

Σ PCN_S: 16.1

T_{UNV}: 48/36

T_w: 47

T_{PAVES}: 53/46

T_D: 41

PCN_{TB}: 0.00

Σ PCN_{TB}: 0.11

Wednesday 30 January 2002 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 64 °F	Dir. WSW	Temp 76 °F	* RECORD MAX MIN (OLD RECORD 39°F 1927)			
Min. * 52 °F	Vel. 5 m.p.h.	Read. 28.80 in.	- PK WIND GUST 26 mph			
Set 52 °F	Char. Steady	Corr. 28.66 in.	- SHRA 2015LT - 2030LT 0315LT - 0000LT - 0030LT 0345LT - 0115LT - 0145LT 0655LT - 0200LT - 0245LT OBS			
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.01 in.	0700	1300	1900	
Ppn. Liq. 0.08 in.	Prev. Dir. —	3 hr. Tend. -10 mb	Clds. nbsf 10/10	Clds.	Clds. ns 10/10 Cu	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer TMF	Wx - SHRA Extremely mild	Wx	Wx - DZ Cont.	
			Vis. 20 mi.	Vis. mi.	Vis. 5 mi.	

\bar{T} : 58

TUNV: 52/46

TW: 51

HDD: 7

TDAVIS: 52/51

TO: 50

CDD: 0

Σ HDD: 906

Σ CDD: 0

Σ PCN_c: 1.42

Σ PCN_s: 16.1

PCN_{TB}: 0.00

Σ PCN_{TB}: 0.11

Thursday 31 JANUARY 2002 0700 EST

Meteorological Observatory
Univeristy Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 54 °F	Dir. NE	Temp 78 °F		- RA 0600-0830 LT 1000-1030 1230-1300 1500-1900 RA 0530-0630 LT		
Min. 34 °F	Vel 4 m.p.h.	Read. 29.10 in.				
Set 34 °F	Char. variable	Corr. 28.96 in.				
R.H. 97 %	24 hr. Mov. - mi.	Sea L. 30.37 in.	0700	1300	1900	
Ppn. Liq. 0.25 in.	Prev. Dir. -	3 hr. Tend. L-5 mb	Clds. St, 10/10 Cu	Clds. Sc 10/10	Clds. Sc 10/10	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer JET	Wx Chilly	Wx Misty	Wx damp	
			Vis. 3 mi.	Vis. 2 mi.	Vis. 2 mi.	

T: 44

HOD: 21

COO: 0

Σ HOD: 927

Σ COO: 0

Σ PCNS: 1.67

Σ PCNS: 16.1

TODAYS: 35/35

TUNN: 36/36

TW: M

TO: 34

JAN 02

$\bar{T}_{max} = 41.9$

$\bar{T}_{min} = 27.8$

$\bar{T}_{JAN} = 34.85$

PCNSB: 0.00

Σ PCNSB: 0.11