Saturday, January 1, 2000 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. —	Temp. 78 °F	THE FIRST DAY OF THE NEW CENTURY AND MILLENNIUM DAWNS WITH A PEACEFUL CHILL		
Min. 23 °F	Vel. — m.p.h.	Read. 29.04 in.	HEAVY FROST ON GOLF COURSE		
Set 23 °F	Char. CALM	Corr. 28.88 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. M mi.	Sea L. 30.32 in.	Clds. 0/10	Clds.	Clds. 2/10 Cs
Ppn. Liq. 0 in.	Prev. Dir. M	3 hr. Tend. +0.7 mb	Wx CLEAR	Wx	Wx CLR
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer FJG	Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

$T = 34$

$HDD = 31$

$CDD = 0$

$\Sigma HDD = 31$

$\Sigma CDD = 0$

T_{DAVIS} 26/24

T_{UNN} 25/21

$\Sigma PCN_L = 0$

$\Sigma PCNS = 0$

$PCN_{TB} : 0$

$\Sigma PCN_{TB} : 0$

Sunday 2 January 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 52 °F	Dir. —	Temp. 78 °F			
Min. 23 °F	Vel. — m.p.h.	Read. 28.94 in.			
Set 35 °F	Char. calm	Corr. 28.80 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.23 in.	Clds. 10/10 St	Clds.	Clds. Cc 10/10 Ac
Ppn. Liq. 0 in.	Prev. Dir. M	3 hr. Tend. — 0 mb	Wx cold	Wx	Wx warm!
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer AOH	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 38

H_{OD} : 27

C_{OD} : 0

ΣH_{OD} : 58

ΣC_{OD} : 0

T_{Davis} : 37/30

T_{Univ} : 35/28

T_{Dav} : m

T_D : 30*

* From Davis

ΣPCN_L : 0

ΣPCN_S : 0

$PCNT_3$: 0

$\Sigma PCNT_3$: 0

Monday 3 January 2000 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 60 ** °F	Dir. SW	Temp. 78 °F	-DZ 0615 - 0700 LT
Min. * 35 °F	Vel. 2 m.p.h.	Read. 28.89 in.	** RECORD MAX (OLD = 58, 1997)
Set 55 °F	Char. calm	Corr. 28.75 in.	* Act ovnt low 55
R.H. 87 %	24 hr. Mov. M mi.	Sea L. 30.09 in.	
Ppn. Liq. 0.01 in.	Prev. Dir. M	3 hr. Tend. / 3 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer PLD	

0700	1300	1900
Clds. 10/10 Ns	Clds.	Clds. 7/10 Cu
Wx -DZ	Wx	Wx mild
Vis. 15 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T}$: 48

H_{DD} 17

C_{DD}: 0

$\sum H_{DD}$: 75

$\sum C_{DD}$: 0

T_{DONIS}: 55/51

T_{UNV}: 54/48

T_W: 53

T_D: 51

$\sum PCN_L$: 0.01

$\sum PCN_S$: 0.0

PCN_{TB}: 0.01

$\sum PCN_{TB}$: 0.01

Tuesday 4 January 2000 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. SW	Temp. 80 °F	-DZ occasionally -SHRA 0200 — 08 LT		
Min. 54* °F	Vel. 10 m.p.h.	Read. 28.55 in.			
Set 58 °F	Char. Steady	Corr. 28.40 in.	* TIES REC. MAX MIN (1950)		
			0700	1300	1900
R.H. 83 %	24 hr. Mov. M mi.	Sea L. 29.82 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 SC
Ppn. Liq. 0.12 in.	Prev. Dir. M	3 hr. Tend. 1-5 mb	Wx -SHRA	Wx	Wx windy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T}$: 58

HDD: 7

CDD: 0

ΣHDD: 82

ΣCDD: 0

ΣPCN_ℓ: 0.13

ΣPCN_S: 0.0

T_{DAUIS}: 58/55 T_W: 55

T_{UNU}: 57/52 T_D: 53

PCN_{TB}: 0.14

ΣPCN_{TB}: 0.15

Wednesday 5 January 2000

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 60* °F	Dir. NNW	Temp. 78 °F	-SHRA occasionally
Min. 30 °F	Vel. 10 m.p.h.	Read. 28.96 in.	-DZ occasionally
Set 30 °F	Char. G24	Corr. 28.82 in.	-SN 0200 – 0500 LT occasionally
R.H. 60 %	24 hr. Mov. M mi.	Sea L. 30.25 in.	
Ppn. Liq. 0.04 in.	Prev. Dir. M	3 hr. Tend. / +4 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer MAW	

* RECORD MAX (OLD = 59, 1998+)

	0700	1300	1900
Clds.	Clds. SC 9/10 CU	Clds.	Clds. SC 9/10 CU
Wx	Wx cold blustery	Wx	Wx brisk
Vis.	Vis. 6 mi.	Vis. mi.	Vis. 6 mi.

HDD: 20
CDD: 0
ΣHDD: 102
ΣCDD: 0
ΣPCNe: 0,17
ΣPCNs: T

T_{DAUDS}: 30/17 T_W: M
T_{UNU}: 30/16 T_D: 17

PCN_{TB}: 0,32
ΣPCN_{TB}: 0,47

Thursday 6 January 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 32 °F	Dir. ESE	Temp. 80 °F	-SN 1400 - 1600 LT
Min. 20 °F	Vel. 0 m.p.h.	Read. 29.32 in.	
Set 22 °F	Char. calm	Corr. 29.17 in.	
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 30.62 in.	
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. -0 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer MAW	

0700	1300	1900
Clds. 0/10	Clds.	Clds. 0/10
Wx clear cold	Wx	Wx Nice
Vis. 6 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 26
HDD: 39
CDD: 0
ΣHDD: 141
ΣCDD: 0
ΣPCN_L: 0.17
ΣPCN_S: T

T_{DAVIS}: 25/17 T_W: M
T_{UNU}: 21/17 T_D: 17

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.47

Friday 7 January 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. W	Temp. 74 °F			
Min. 22* °F	Vel. 8 m.p.h.	Read. 28.94 in.	*0 NLow 30		
Set 34 °F	Char. constant	Corr. 28.84 in.	0700	1300	1900
R.H. 64 %	24 hr. Mov. M mi.	Sea L. 30.27 in.	Clds. 3/10 As	Clds.	Clds. 4/10 As
Ppn. Liq. 0 in.	Prev. Dir. N	3 hr. Tend. \-2 mb	Wx cool	Wx	Wx ch. llq
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer AOH	Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 32

H_{00}: 33

C_{00}: 0

ΣH_{00}: 17

ΣC_{00}: 0

T_{DAY3}: 34/23

T_{UNV}: 32/21

T_{WIN}

T_D: 23

ΣPLN_θ: 0.17

ΣPLN_S: T

PLN_{T_B}: 0

ΣPLN_{T_B}: 0.47

Saturday 8 January 2000 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 41 °F	Dir. WNW	Temp. 78 °F	OCCL - SN 0915-1000LT 1215-1300
Min. 26 °F	Vel. 1 m.p.h.	Read. 29.10 in.	
Set 26 °F	Char. calm	Corr. 28.86 in.	
R.H. 66 %	24 hr. Mov. M mi.	Sea L. 30.29 in.	
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. — 0 mb	
Ppn. Sol. T in.	Snow Depth 0 in.	Observer PLD	

0700	1300	1900
Clds. 0/10	Clds.	Clds. 8/10 CU
Wx chilly	Wx	Wx chilly
Vis. 20 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T}$: 34

H_{DD}: 31

C_{DD}: 0

$\sum H_{DD}$: 205

$\sum C_{DD}$: 0

$\sum PCN_L$: 0.17

$\sum PCN_S$: T

T_{DAVIS} 46/16

T_{UNIV} 27/16

T_W: M

T_D: 16*

*from Davis

PCN_{TB}: 0.00

$\sum PCN_{TB}$: 0.47

Sunday 9 January 2000
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 39 °F	Dir. SW	Temp. 80 °F	*overnight low 36°
Min. * 25 °F	Vel. 6 m.p.h.	Read. 28.96 in.	
Set 38 °F	Char. steady	Corr. 28.81 in.	
R.H. 68 %	24 hr. Mov. M mi.	Sea L. 30.25 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. — 0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	

	0700	1300	1900
Clds.	Clds. AS 5/10 SC CU	Clds.	Clds. 10/10 Ns
Wx	Wx nice	Wx	Wx -DZ
Vis.	Vis. 20 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 32
HDD: 33
CDD: 0
ΣHDD: 238
ΣCDD: 0
ΣPCN_L: 0.17
ΣPCN_S: T

T_{DAVIS}: 38/28 T_W: M
T_{UNV}: 36/25 T_O: 28

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.47

Monday 10 January 2000 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 47 °F	Dir. E	Temp. 78 °F	-SHRA 16-17 LT -DZ 18:30-20:00
Min. 35 °F	Vel. 8 m.p.h.	Read. 26.58 in.	
Set 39 °F	Char. Var.	Corr. 28.49 in.	
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 29.71 in.	
Ppn. T in. Liq.	Prev. Dir. M	3 hr. Tend. 1-2 mb	
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer ADH	

	0700	1300	1900
Clds.	10/10 St	10/10 NS	Clds. ~~4/AS~~ 4/OCS
Wx	Coil	+RASH	Wx -RASH
Vis.	4 mi.	3.5 mi.	Vis. 25+ mi.

$\bar{T}$: 41

H_{OO}: 24

C_{OO}: 0

ΣH_{OO}: 262

ΣC_{OO}: 0

T_{OAVG}: 34/35

T_{AAV}: 37/32

T_W: 31

T_θ: 35

$\Sigma PLNE$: 0.17

$\Sigma PLNG$: T

$PLNT_{NS}$: 0

$\Sigma PLNT_{NS}$: 0.47

TUESDAY JANUARY 11, 2000 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 46 °F	Dir. WSW	Temp. 76 °F	* OVERNIGHT LOW = 44
Min. 37* °F	Vel. 14 m.p.h.	Read. 28.35 in.	-RA, OCCL-RA 1015-1400LT
Set 46 °F	Char. GUSTY	Corr. 28.22 in.	OCCL-RA, OZ 1600-1915
R.H. 72 %	24 hr. Mov. — mi.	Sea L. 29.56 in.	
Ppn. Liq. 0.26 in.	Prev. Dir. →	3 hr. Tend. \ -2.5 mb	
Ppn. Sol. 0.00 in.	Snow Depth 0 in.	Observer APO	

	0700	1300	1900
Clds.	Clds. 10/10 As, Ns	Clds. 6/10 Cu	Clds. 10/10 Ns
Wx	Wx WINDY	Wx Warming	Wx -Sn
Vis.	Vis. 25+ mi.	Vis. 25 mi.	Vis. 10 mi.

$T = 42$

$H_{DD} = 23$

$C_{DD} = 0$

$\Sigma H_{DD} = 285$

$\Sigma C_{DD} = 0$

$\Sigma PCN_R = 0.43$

$\Sigma PCN_S = T$

$T_{DAVIS} = 46/29$

$T_{UNV} = 45/27$

$T_W = 39$

$T_D = 37$

$PCN_{TB} = 0.26$

$\Sigma PCN_{TB} = 0.73$

Wednesday 17 January 2000 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 46 °F	Dir. NW	Temp. 77 °F	-SHRA 800 - 8:00LT PK wind 44mph 8:10LT SHSN 14:15 - 15:15 LT -SN 15:15LT - 19:30 LT
Min. 31 °F	Vel. 10 m.p.h.	Read. 28.94 in.	
Set 31 °F	Char. gusty	Corr. 28.80 in.	

	0700	1300	1900
R.H. 65 %	Clds. 7 1/10 St	Clds. 1/10 CI	Clds. 10/10 Cs
24 hr. Mov. M mi.	Wx cold	Wx clear cold	Wx Thin high Clouds & cool
Sea L. 30.20 in.			
Ppn. Liq. 0.07 in.			
Prev. Dir. M			
3 hr. Tend. +7/ mb			
Ppn. Sol. 0.2 in.	Vis. 25 mi.	Vis. 20 mi.	Vis. 25+ mi.
Snow Depth T in.			
Observer AOH			

$\bar{T}$: 39

H_{00} : 26

C_{00} : 6

ΣH_{00} : 311

ΣC_{00} : 0

T_{Davis} : 31/20

T_{UNV} : 30/18

T_w : A

t_b : 20*

* From davis

ΣPLN_L : ~~0.07~~ 0.50

ΣPLN_S : 0.2

* wind contamination

$PLNT_B$: *0.06

$\Sigma PLNT_B$: 0.80

THURSDAY JANUARY 13,

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 40 °F	Dir. NE	Temp. 77 °F	* OVERNIGHT LOW = 7:00 LT - RAPL 3:45 - 5:25 SE 6:55 - 7:00 LT		
Min. 31 °F	Vel. 2 m.p.h.	Read 28.60 in.			
Set 32 * °F	Char. LIGHT	Corr. 28.46 in.			
R.H. 75 %	24 hr. Mov. — mi.	Sea L. 29.85 in.	0700	1300	1900
Ppn. Liq. 0.01 in.	Prev. Dir. —	3 hr. Tend. -3.0 mb	Clds. 10/10 St Ns	Clds. 10/10 Ns	Clds. 7/10 As
Ppn. Sol. T in.	Snow Depth T in.	Observer ARD	Wx SG	Wx -SN-BLSN	Wx cold windy
			Vis. 5 mi.	Vis. 4 mi.	Vis. 20 mi.

$\bar{T} = 36$

$H_{DD} = 29$

$C_{DD} = 0$

$\Sigma H_{DD} = 340$

$\Sigma C_{DD} = 0$

$\Sigma PCN_A = 0.51$

$\Sigma PCN_S = 0.2$

$T_{DAVIS} = 36$

$T_{UNV} = 36/16$

$T_W = —$

$T_D = *25$

*FROM DAVIS

$PCN_{TD} = 0.01$

$\Sigma PCN_{TD} = 0.81$

Friday January 14, 2000, 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. NW	Temp. 28 °F	-DZ 0700-1045LT -PL 1045-1120LT -SN, OCCL SN, 1120-1420LT		
Min. 10 °F	Vel. 5 m.p.h.	Read. 29.27 in.			
Set 10 °F	Char. light	Corr. 29.13 in.			
			0700	1300	1900
R.H. 60 %	24 hr. Mov. M mi.	Sea L. 30.03 in.	Clds. 4/10 AC CU	Clds. 8/10 SC	Clds. AC 5/10
Ppn. .05 Liq. in.	Prev. Dir. M	3 hr. Tend. 17 mb	Wx COLD	Wx WINDY	Wx WIND AND FRIGID
Ppn. 0.2 Sol. in.	Snow Depth T in.	Observer PLD	Vis. 20 mi.	Vis. 25 mi.	Vis. 25+ mi.

$\bar{T}$: 22

H_{DD}: 43

C_{DD}: 0

ΣH_{DD}: 383

ΣC_{DD}: 0

ΣPCN_L: 0.56

ΣPCN_S: 0.4

T_{DAVIS} 11/0

T_{UNV} 12/0

T_W: M

T_D: 0*

*from Davis

** WIND CONTAMINATED

PCN_{TB}: .02

ΣPCN_{TB}: 0.83**

SATURDAY JANUARY 15 2000

Meteorological Observatory
0700 EST University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 23 °F	Dir. WSW	Temp. 74 °F	* CLEAR NIGHT LOW = 15		
Min. 10 °F	Vel. 2 m.p.h.	Read. 29.41 in.	— SH SN 08-45 LT		
Set 5 °F	Char. LIGHT	Corr. 29.28 in.	— SH SN 12:30 - 14:00 LT		
			— SN SN 15:15 - 16:30 LT		
			0700	1300	1900
R.H. 78 %	24 hr. Mov. — mi.	Sea L. 30.77 in.	Clds. 10/10 Cc	Clds.	Clds. 10/10 AS
Ppn. T Liq. in.	Prev. Dir. —	3 hr. Tend. — 0 mb	Wx BRUTAL	Wx	Wx pleasant
Ppn. Sol. T in.	Snow Depth T in.	Observer AFD	Vis. 25+ mi.	Vis. mi.	Vis. 6 mi.

$\bar{T} = 17$

$H_{DD} = 48$

$C_{DD} = 0$

$\Sigma H_{DD} = 431$

$\Sigma C_{DD} = 0$

$\Sigma PCN_L = 0.56$

$\Sigma PCN_S = 0.4$

$T_{DAVIS} = 59$

$T_{UNV} = 12/$

$T_W = —$

$T_D = 9^*$

* FROM DAVIS

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.83$

Sunday 16 January 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. SW	Temp. 76 °F	*overnight low 27°		
Min. 14* °F	Vel. 10 m.p.h.	Read. 28.85 in.			
Set 30 °F	Char. steady	Corr. 28.71 in.	0700	1300	1900
R.H. 52 %	24 hr. Mov. M mi.	Sea L. 30.15 in.	Clds. AC 7/10 AS	Clds.	Clds. 2/10 As
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. \ -3 mb	Wx chilly	Wx	Wx cold
Ppn. Sol. 0.0 in.	Snow Depth T in.	Observer MAW	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 23
HDD: 42
CDD: 0
ΣHDD: 473
ΣCDD: 0
ΣPCN_L: 0.56
ΣPCN_S: 0.4

T_{DAUIS}: 30/14
T_{UNV}: 28/12

T_W: M
T_D: 14

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.83

Monday 17 January 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 47 °F	Dir. NW	Temp. 76 °F			
Min. 5 °F	Vel. 11 m.p.h.	Read. 29.32 in.			
Set 5 °F	Char. constant	Corr. 29.14 in.	*Peak wind 46 mph 11:15 LT		
R.H. 42 %	24 hr. Mov. M mi.	Sea L. 30.15 in.	0700	1300	1900
Ppn. 0 Liq. in.	Prev. Dir. M	3 hr. Tend. /12 mb	Clds. 1/10 Cs	Clds. 1/10 Cs	Clds. Ci
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer AD*	Wx really cold	Wx windy cold!	Wx BRUTAL
			Vis. 25 mi.	Vis. 25 mi.	Vis. 25+ mi.

$\bar{T}$: 26

H_{00}: 39

L_{00}: 0

ΣH_{00}: 512

ΣL_{00}: 0

T_{avis}: 6/-12

T_{avv}: 7/-11

T_2: M

T_3: -12 *

* from Avis

$\Sigma PLVL$: 0.56

$\Sigma PLVS$: 0.44

$PLVT_3$: 0

$\Sigma PLVT_3$: 0.43

TUESDAY JANUARY 18, 1999 2008

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 16 °F	Dir. NNE	Temp. 74 °F			
Min. 5 °F	Vel. 3 m.p.h.	Read. 29.00 in.			
Set 6 °F	Char. LIGHT	Corr. 28.87 in.			
			0700	1300	1900
R.H. 54 %	24 hr. Mov. — mi.	Sea L. 30.37 in.	Clds. 10/10 AS, AC, CS	Clds.	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \ -4.0 mb	Wx BTNCUC BRUTAL	Wx	Wx cool & clear
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ARD	Vis. 25+ mi.	Vis. mi.	Vis. 25 mi.

$\bar{T} = 11$

$H_{DD} = 54$

$C_{DD} = 0$

$\Sigma H_{DD} = 566$

$\Sigma C_{DD} = 0$

$\Sigma PCN_R = 0.56$

$\Sigma PCN_S = 0.4$

$T_{DAVIS} = 7/7$ $T_W = -$

$T_{UNV} = 3/27$ $T_D = -7$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.43$

Wednesday January 19, 2000

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 24 °F	Dir. NW	Temp. 77 °F	-SN 5:00 - 6:00 LT		
Min. 5 °F	Vel. 15 m.p.h.	Read. 28.73 in.			
Set 24 °F	Char. Constant	Corr. 28.59 in.			
			0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.03 in.	Clds. 10/10 SC	Clds. SC 9/10 CU	Clds. CS CI 3/10 AS
Ppn. Liq. 0.01 in.	Prev. Dir. M	3 hr. Tend. V 0 mb	Wx COLD	Wx -SN	Wx TRACE CLOUD COLD
Ppn. Sol. 0.1 in.	Snow Depth T in.	Observer AOL	Vis. 7 mi.	Vis. 20 mi.	Vis. 25+ mi.

$\bar{T}$: 15

H_{00}: 50

L_{00}: 0

ΣH_{00}: 616

ΣL_{00}: 0

T_{Davis}: 24/17

T_{mw}: 25/18

T_w: n

T_b: 17*

*from Davis

$\Sigma PLNE$: 0.57

$\Sigma PLNS$ 0.5

$PLNT_{Tb}$: 0

$\Sigma PLNT_{Tb}$: 0.43

THURSDAY JANUARY 20, 2000 ical Observatory
0700 EST University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 31 °F	Dir. E	Temp. 77 °F	OVERNIGHT LOW = 25 -SHSN 0745-0835LT -SHSN 1200-1300 LT -SN 0110-0700LT		
Min. 24 °F	Vel. 4 m.p.h.	Read. 28.35 in.			
Set 25 °F	Char. LIGHT	Corr. 28.21 in.	0700	1300	1900
R.H. 91 %	24 hr. Mov. — mi.	Sea L. 29.61 in.	Clds. 10/10 Ns	Clds. 10/10 X	Clds. 3/10 Cu
Ppn. 0.18 in. Liq.	Prev. Dir. —	3 hr. Tend. -4.0 mb	Wx -SN	Wx -SN	Wx calm
Ppn. 2.0 in. Sol.	Snow Depth 2 in.	Observer ARD	Vis. 2.0 mi.	Vis. 3 mi.	Vis. 15 mi.

$T = 28$

$H_{DD} = 37$

$C_{DD} = 0$

$\Sigma H_{DD} = 653$

$\Sigma C_{DD} = 0$

$T_{DAVIS} = 24/22$

$T_{UNV} = 23/19$

$T_W = -$

$T_D = 22$

$\Sigma PCN_Q = 0.75$

$\Sigma PCN_S = 2.5$

$PCN_{TB} = 0.08$

$\Sigma PCN_{TB} = 0.51$

Friday 21 January 2000 0700 EST Meteorological Observatory University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 28 °F	Dir. WNW	Temp. 78 °F	- SN 0700-1400LT		
Min. 8 °F	Vel. 3 m.p.h.	Read. 28.61 in.	OCCL-SHSN 1600-1830LT		
Set 8 °F	Char. light	Corr. 28.47 in.	2045-2300LT		
R.H. 73 %	24 hr. Mov. M mi.	Sea L. 29.94 in.	0700	1300	1900
Ppn. Liq. 0.14 in.	Prev. Dir. M	3 hr. Tend. -0 mb	Clds. 9/10 As Ac	Clds.	Clds. ~~5/10~~ Cu Ac
Ppn. Sol. 2.3 in.	Snow Depth 4 in.	Observer PLD	Wx calm	Wx	Wx FLURRIES & BITTER COLD
			Vis. 25 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$: 18

H_{DD}: 47

C_{DD}: 0

$\sum H_{DD}$: 700

$\sum C_{DD}$: 0

T_{DAVIS}: 8/1

T_{UNU}: 8/0

T_W: M

T_D: 1°

*from Davis

$\sum PCN_L$: 0.89

$\sum PCN_S$: 4.8

PCN_{TB}: 0.05

$\sum PCN_{TB}$: 0.56

SATURDAY JANUARY 22 2000

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 14 °F	Dir. WSW	Temp. 75 °F	-SHSN 07:30-08:30LT -SHSN 10:25-12:30LT -SHSN 14:30-16:30LT -SHSN 5:00-7:00LT		
Min. 6 °F	Vel. 2 m.p.h.	Read. 28.96 in.			
Set 7 °F	Char. LIGHT	Corr. 28.83 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 30.32 in.	Clds. Ns As 10/0 Cs	Clds.	Clds. SC 10/10
Ppn. Liq. 0.02 in.	Prev. Dir. —	3 hr. Tend. +5.5 mb	Wx -SHSN	Wx	Wx Cold
Ppn. Sol. 0.6 in.	Snow Depth 3 in.	Observer ARD	Vis. 10 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T} = 10$

$H_{DD} = 55$

$C_{DD} = 0$

$\Sigma H_{DD} = 755$

$\Sigma C_{DD} = 0$

$\Sigma PCN_L = 0.91$

$\Sigma PCN_S = 5.4$

$T_{DAVIS} = 6/1$

$T_{UNV} = 7/0$

$T_W = -$

$T_D = 1$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.56$

Sunday 23 January 2000

Meteorological Observatory
University Park, PA
0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 20 °F	Dir. S	Temp. 80 °F	*overnight low 15° -SHSN 0700-0720 LT -IC 0755-0915 LT -SN 2300-OB LT		
Min. 4 * °F	Vel. 6 m.p.h.	Read. 28.93 in.			
Set 17 °F	Char. Steady	Corr. 28.78 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. M mi.	Sea L. 30.22 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 St
Ppn. Liq. 0.02 in.	Prev. Dir. M	3 hr. Tend. L -1/2 mb	Wx -SN	Wx	Wx cold
Ppn. Sol. 0.2 in.	Snow Depth 3 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T}$: 12
HDD: 53
CDD: 0
ΣHDD: 808
ΣCDD: 0
ΣPCN_L: 0.93
ΣPCN_S: 5.6

T_{DAVIS}: 16/11
T_{UNV}: M

T_W: M
T_O: 11

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.56

Monday, January 24 2000 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 24 °F	Dir. S	Temp. 28.49 °F	-SN OBS - 10:00 LT am -SHSN ~ 6:00 am LT		
Min. 17* °F	Vel. 4 m.p.h.	Read. 28.89 in.			
Set 24 °F	Char. light	Corr. 28.75 in.	Sun Low 23		
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 30.19 in.	0700	1300	1900
Ppn. T Liq. in.	Prev. Dir. M	3 hr. Tend. — mb	Clds. 7/10 SC	Clds. 3/10 CU AS	Clds. <1/10 CI
Ppn. T Sol. in.	Snow Depth 3.0 in.	Observer AOH	Wx cloudy	Wx cool pleasant	Wx COLD
			Vis. 15 mi.	Vis. 15 mi.	Vis. 25+ mi.

$\bar{T}$: 21

H_{00}: 44

C_{00}: 0

ξ_{1+00}: 852

ξ_{C00}: 0

T_{DAVIS}: 24/17

T_{MVI}: 23/14

t_w: in

T_0: 17

ξ_{PLNC}: 0.93

ξ_{PLNS}: 5.6

$\rho_{CNT_{Si}}$: 0

$\xi_{CNT_{Si}}$: 0.56

Tuesday January 25 2000

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 34 °F	Dir. NNE	Temp. 75 °F			
Min. 17 °F	Vel. 4 m.p.h.	Read. 28.[illegible] in.			
Set 19 °F	Char. LIGHT	Corr. 28.47 in.	0700	1300	1900
R.H. 69 %	24 hr. Mov. — mi.	Sea L. 29.90 in.	Clds. 10/10 As St	Clds. 10/10 NS	Clds. 10/10 NS
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -5 mb	Wx CLOUD & COLD	Wx + SN	Wx - SN
Ppn. Sol. 0.0 in.	Snow Depth 3 in.	Observer ARD	Vis. 20 mi.	Vis. < 0.25 mi.	Vis. 10 mi.

$\bar{T} = 27$

$T_{DAVIS} = 29$ $T_W = -$

$H_{DD} = 38$ $T_{UNV} = 18$ $T_D = 11$

$C_{DD} = 0$

$\Sigma H_{DD} = 890$

$\Sigma C_{DD} = 0$

$\Sigma PCN_L = 0.93$

$\Sigma PCN_S = 5.6$

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.56$

Wednesday January 26, 2000 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 22 °F	Dir. W	Temp. 75 °F	10:00 - 13:00 LT - SN 13:00 - 19:10 LT - SN 20:00 - Obs - Frequent SN
Min. 18 °F	Vel. 12 m.p.h.	Read. 28.63 in.	
Set 18 °F	Char. constant	Corr. 28.50 in.	
R.H. 80 %	24 hr. Mov. ~ mi.	Sea L. 29.99 in.	
Ppn. Liq. 0.21 in.	Prev. Dir. ~	3 hr. Tend. /+3 mb	
Ppn. Sol. 3.8 in.	Snow Depth 6 in.	Observer ADB	

	0700	1300	1900
Clds.	Cs 10/10 As	Clds. CU 8/10	Clds. Ci 10/ CU 9/10 DEAL SCT
Wx	(ovc)	Wx cold brisk	Wx CLOUDY FEW AND COLD
Vis.	7 mi.	Vis. 15 mi.	Vis. 20 mi.

$\bar{T}$: 20

T_{Davis} : 15/12

T_L : n

H_{DO} ; 45

T_{min} : 19/10

T_0 ; 12

C_{DO} : 0

ΣH_{DO} ; 435

ΣC_{DO} : 0

ΣPCN_0 : 1.14

ΣPCN_S ; 9,4

PCN_{T_S} : 0.06

ΣPCN_{T_S} ; 0.62

THURSDAY JANUARY 27 2000

Meteorological Observatory
0700 EST University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 27 °F	Dir. WNW	Temp. 76 °F	-SHSN AROUND 7-8 LST		
Min. 6 °F	Vel. 12 m.p.h.	Read. 29.00 in.			
Set 7 °F	Char. GUSTY	Corr. 28.86 in.	0700	1300	1900
R.H. 60 %	24 hr. Mov. — mi.	Sea L. 30-36 in.	Clds. 5/10 Sc	Clds. 3/10 Sc	Clds.
Ppn. T Liq. in.	Prev. Dir. —	3 hr. Tend. +6 mb	Wx WIND & BITTER BITTER COLD	Wx VERY COLD	Wx
Ppn. T Sol. in.	Snow Depth 5 in.	Observer ARD	Vis. 25+ mi.	Vis. 25+ mi.	Vis. mi.

$\bar{T}$: 17

H_{DD}: 48

C_{DD}: 0

ΣH_{DD}: 983

ΣC_{DD}: 0

T_{DAVIS}: 5/4

T_{UNV}: 7/-2

T_W: —

T_D: -4

ΣPCN_L: 1.14

ΣPCN_S: 9.4

PCN_{TB}: 0.00

ΣPCN_{TB}: 0.62

Friday January 28 2000 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 17 °F	Dir. NW	Temp. 74 °F	-SHSN OCCL 0500 - 0655		
Min. 7* °F	Vel. 8 m.p.h.	Read. 29.12 in.			
Set 11 °F	Char. gusty	Corr. 28.99 in.	*actual OVNT LOW = 9°		
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 30.48 in.	0700	1300	1900
Ppn. Liq. 0.01 in.	Prev. Dir. M	3 hr. Tend. —1 mb	Clds. 8/10 Ac St	Clds. 9/10	Clds. 9/10
Ppn. Sol. 0.2 in.	Snow Depth 4 in.	Observer PLD	Wx WINDY	Wx COLD	Wx COLD
			Vis. 25 - South 3 - North mi.	Vis. 25+ mi.	Vis. 25+ mi.

$\bar{T}$: 12

H_{DD} : 53

C_{DD} : 0

$\sum H_{DD}$: 1037

$\sum C_{DD}$: 0

T_{UNV} 12/6

T_{DAV} 13/6

$\bar{T}_W$: M

T_D : 6*

* from Davis

$\sum PCN_L$: 1.15

$\sum PCN_S$: 9.6

PCN_{TB} : 0.00

$\sum PCN_{TB}$ 0.62

SATURDAY JANUARY 29 2000

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 26 °F	Dir. —	Temp. 75 °F			
Min. 7 °F	Vel. 0 m.p.h.	Read. 29.37 in.			
Set 7 °F	Char. CALM	Corr. 29.23 in.			
			0700	1300	1900
R.H. 83 %	24 hr. Mov. — mi.	Sea L. 30.74 in.	Clds. 10 Ci	Clds.	Clds. 0|10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. -1+1 mb	Wx very cold	Wx	Wx clear cold
Ppn. Sol. 0.0 in.	Snow Depth 4 in.	Observer ARD	Vis. 25+ mi.	Vis. mi.	Vis. 6 mi.

$T = 17$

$H_{DD} = 48$

$C_{DD} = 0$

$\Sigma H_{DD} = 1085$

$\Sigma C_{DD} = 0$

$\Sigma PCN_L = 1.15$

$\Sigma PCNs = 9.6$

$T_{INV} = 9/18$

$T_{DAVIS} = 1/3$

$T_W = —$

$T_D = 3$ **

** FROM DAVIS

$PCN_{TB} = 0.00$

$\Sigma PCN_{TB} = 0.62$

Sunday 30 January 2000
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 32 °F	Dir. SE	Temp. 78 °F	-SN 0330 - OB LT *overnight low 22°F		
Min. 3 °F	Vel. 2 m.p.h.	Read. 29.22 in.			
Set 22* °F	Char. steady	Corr. 29.08 in.	0700	1300	1900
R.H. 74 %	24 hr. Mov. M mi.	Sea L. 30.53 in.	Clds. 10/10 NS	Clds.	Clds. 10/10 NS
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. \-1 mb	Wx -SN	Wx	Wx SN
Ppn. Sol. 0.1 in.	Snow Depth 4 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 3 mi.

$\bar{T}$: 18
HDD: 47
CDD: 0
ΣHDD: 1132
ΣCDD: 0
ΣPCN_L: 1.15
ΣPCN_S: 9.7

T_{DAVIS}: 22/15
T_{UNU}: 18/3

T_W: M
T_D: 15

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.62

Monday 31 January 2000 — 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 30 °F	Dir. E	Temp. 76 °F	OBS - 9:30 LT • SN 12:30 ~ 22:00 LT SN 3:00 ~ 8:00 - SN
Min. 20 °F	Vel. 10 m.p.h.	Read. 24.68 in.	
Set 24 °F	Char. constant	Corr. 26.55 in.	
R.H. 76 %	24 hr. Mov. M mi.	Sea L. 29.98 in.	
Ppn. Liq. 0.30 in.	Prev. Dir. M	3 hr. Tend. ↓ 0.5 mb	
Ppn. Sol. 3.6 in.	Snow Depth 7 in.	Observer AOL	

	0700	1300	1900
Clds.	10/10 St	10/10 NS	3/10 Sc
Wx	cool	-SN	CAR AND
Vis.	2.0 mi.	0 mi.	25+ mi.

$\bar{T}$: 25

H_{DD}: 40

C_{DD}: 0

ΣH_{DD}: 1172

ΣC_{DD}: 0

T_{DAILY}: 24/15

T_{AVG}: 24/14

T_W: M

T_D: 15

JANUARY TEMPS

$\bar{T}_{MAX}$ = 35.2°

$\bar{T}_{MIN}$ = 18.7°

$\bar{T}_{JAN}$ = 26.9°

ΣPCN_R: 1.45

ΣPCN_S: 13.3

ACN_{TB}: 0.17

ΣPCN_{TB}: 0.79