Monday 1 November 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 72 °F	Dir. ENE	Temp. 79 °F	fog in valleys
Min. 44 °F	Vel. 2 m.p.h.	Read. 29.10 in.	
Set 46 °F	Char. light	Corr. 28.95 in.	
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 30.39 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. — +1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	

0700	1300	1900
Clds. 8/10 CU SC	Clds. 2/10 CU	Clds. 0/10
Wx foggy	Wx hazy	Wx hazy
Vis. 1/2 mi.	Vis. 10 mi.	Vis. 4 mi.

$\bar{T}$: 58
HDD: 7
CDD: 0
ΣHDD: 7
ΣCDD: 0
ΣPCN_L: 0.00
ΣPCN_S: 0.0

T_{DAVIS}: 47/46 T_W: 46
T_{UNU}: 45/43 T_O: 46

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.00

Tuesday 2 November 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. S	Temp. 80 °F	-DZ - OBS
Min. 46* °F	Vel. 5 m.p.h.	Read. 28.74 in.	
Set 58 °F	Char. Variable	Corr. 28.60 in.	* Ovn Low 58
R.H. 75 %	24 hr. Mov. m mi.	Sea L. 29.43 in.	
Ppn. T Liq. in.	Prev. Dir. m	3 hr. Tend. \-2 mb	
Ppn. 0 Sol. in.	Snow Depth — in.	Observer ADH	

0700	1300	1900
Clds. 10/10 BKN S	Clds. 10/10 NS	Clds. SCT NS 9/10 CB
Wx -DZ	Wx -DZ	Wx WINDY! +DZ
Vis. 4 mi.	Vis. 4 mi.	Vis. 6 mi.

$\bar{T}$: 58

T_{DAVIS}: 57/54

t_w: 56

H_{00}: 7

T_{WB}: 55/52

t_g: 52

C_{00}: 6

ΣH_{00}: 14

ΣC_{00}: 0

ΣPCN_0: T.

ΣPCN_S: 0.0

PCN_{T_B}: 0.00

ΣPCN_{T_0}: 0.00

Wednesday 3 November 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. WSW	Temp. 78 °F	-DZ occasionally +RA 0825 – 1050 LT +TSRA 1845 – 1900 LT PK GUST 54mph 1935 LT		
Min. 37 °F	Vel. 20 m.p.h.	Read. 28.54 in.			
Set 37 °F	Char. steady	Corr. 28.40 in.	0700	1300	1900
R.H. M %	24 hr. Mov. M mi.	Sea L. 29.82 in.	Clds. 10/10 SC	Clds. 10/10	Clds. 3/10 Sc 3/10 As
Ppn. Liq. 0.56 in.	Prev. Dir. M	3 hr. Tend. +2 mb	Wx cold & blustery	Wx COLD AND WINDY	Wx blustery
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 15 mi.	Vis. 25 mi.	Vis. 25 mi.

T: 50
HDD: 15
CDD: 0
EHDD: 29
ECDD: 0
$EPCN_\ell$: 0.56
$EPCN_S$: 0.0

T_{DAVIS}: 37/31
T_{UNV}: 37/30

T_W: 35
T_D: M

PCN_{TB}: 0.65
$EPCN_{TB}$: 0.65

Thursday 4 November 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 37 °F	Dir. WSW	Temp. 78 °F	-SHRA/SN 0850 - 0905LT
Min. 32 °F	Vel. 3 m.p.h.	Read. 28.96 in.	-SN 1127 - 1149LT
Set 32 °F	Char. light	Corr. 28.56 in.	-SN 1430 - 1450
			-SN 1800LT - 1815 LT
			PKWND 42mph - 1208

	0700	1300	1900
R.H.	Clds. 4/10 Sc AS AC	Clds.	Clds. 9/10
62 %			
Ppn. Liq. T in.	Wx chilly	Wx SNW AND	Wx CLEAR AND COLD
Prev. Dir. —			
24 hr. Mov. — mi.			
Sea L. 29.96 in.			
3 hr. Tend. /4 mb			
Ppn. Sol. T in.	Vis. 25 mi.	Vis. 25+ mi.	Vis. 25+ mi.
Snow Depth — in.			
Observer PLD			

$\bar{T}$: 35

T_{DAVIS} 32/23

T_{URV} 30/21

T_W 29

T_D 21

H_{DD}: 30

C_{DD}: 0

$\sum H_{DD}$: 60

$\sum C_{DD}$: 0

PCN_{TB} 0.65

$\sum PCN_L$: 0.56

$\sum PCN_S$: 0.7

$\sum PCN_{TB}$ 0.65

FRIDAY NOVEMBER 5, 1999 (0700 EST)

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. WSW	Temp. 77 °F	* OVERNIGHT LOW: 35		
Min. 31* °F	Vel. 6 m.p.h.	Read 29.21 in.			
Set 37 °F	Char. Light	Corr. 29.07 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. — mi.	Sea L. 30.48 in.	Clds. 3/10 Ct	Clds. 2/10 CI AC	Clds. 3/10 Ct
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +1 mb	Wx MSUNNY AND VERY COLD	Wx windy pleasant	Wx Mild WITH WIND
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALP	Vis. 25+ mi.	Vis. 25 mi.	Vis. 25+ mi.

$\bar{T}$: 40
H_{DD}: 25
C_{DD}: 0
ΣH_{DD}: 85
ΣC_{DD}: 0

T_{DAVIS}: 43/19
T_{UNV}: ~~39~~/18

T_W: 31
T_D: 29

ΣPCN_L: 0.56
ΣPCN_S: T

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.60

SATURDAY 6 NOVEMBER 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 63 °F	Dir. W	Temp. 79 °F	* OVNT LOW 57 SPRINKLES 0645-0700 LT COLD FROPA @ OBS		
Min. 37 * °F	Vel. 6 m.p.h.	Read. 29.10 in.			
Set 57 °F	Char. LIGHT	Corr. 29.96 in.	0700	1300	1900
R.H. 76 %	24 hr. Mov. - mi.	Sea L. 30.28 in.	Clds. 8/10 Sc	Clds.	Clds. 4/10 As Sc
Ppn. Liq. T in.	Prev. Dir. -	3 hr. Tend. /+1.0 mb	Wx HZ	Wx	Wx WINDY
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ARD	Vis. 15 mi.	Vis. mi.	Vis. 12 mi.

$\bar{T} = 50$

$H_{DD} = 15$

$\Sigma H_{DD} = 100$

$\Sigma PCN_L = 0.56"$

$\Sigma PCN_S = T$

$T_{DNS} = 56/47$

$T_{UNV} = 55/43$

$T_W = 51$

$T_D = 50$

$PCN_{TD} = 0.00"$

$\Sigma PCN_{TD} = 0.67"$

Sunday 7 November 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. WNW	Temp. 48 °F			
Min. 37 °F	Vel. 11 m.p.h.	Read. 29.04 in.			
Set 37 °F	Char. breezy	Corr. 28.90 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. M mi.	Sea L. 30.32 in.	Clds. 8/10 As, Sc	Clds.	Clds. 0/10
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. / 1 mb	Wx breezy chilly	Wx	Wx Nice
Ppn. Sol. 0.00 in.	Snow Depth — in.	Observer PLD	Vis. 25 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$: 50

H_{DD}: 15

C_{DD}: 0

$\sum H_{DD}$: 115

$\sum C_{DD}$: 0

T_{Davis} 38/26

T_{unv} 39/26

T_W: 34

T_D: 29

$\sum PCN_L$: 0.56

$\sum PCN_S$: T

PCN_{TTS}: 0.00

$\sum PCN_{TTS}$: 0.63

Monday November 8 1999

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 45 °F	Dir. WSW	Temp. 78 °F	contrails
Min. 32 °F	Vel. 2 m.p.h.	Read. 29.14 in.	
Set 33 °F	Char. light	Corr. 28.99 in.	
R.H. 96 %	24 hr. Mov. M mi.	Sea L. 30.44 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. +1 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	

0700	1300	1900
Clds. AS 6/10 AC	Clds. CS 1/10	Clds.
Wx chilly	Wx pleasant	Wx
Vis. 15 mi.	Vis. 25 mi.	Vis. mi.

HDD: 26
CDD: 0
ΣHDD: 141
ΣCDD: 0
ΣPCN_L: 0.56
ΣPCN_S: T

T_{UNV}: 34/27
T_{DAVIS}: 34/29

T_W: 32
T_D: 31

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.67

Tuesday November 9 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 49 °F	Dir. S	Temp. 79 °F			
Min. 33* °F	Vel. 0 m.p.h.	Read. 28.97 in.			
Set 40 °F	Char. calm	Corr. 28.83 in.	* OVN Low 40		
R.H. 54 %	24 hr. Mov. M mi.	Sea L. 30.12 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. — 0 mb	Clds. 5/10 Ac	Clds. 4/10 CU CI	Clds. 0/10
Ppn. Sol. T in.	Snow Depth — in.	Observer ADH	Wx Cool	Wx pleasant warm	Wx Warm
			Vis. 25 mi.	Vis. 25 mi.	Vis. 10 mi.

$\bar{T}$: 41

H_{DD} : 24

C_{DD} : 0

ΣH_{DD} : 165

ΣC_{DD} : 0

T_{min} : 39/30

T_{day} : 40/29

T_w ; 37

T_D : 27

ΣPCN_e : 0.56

ΣPCN_s : T

$PCNT_D$; 0

$\Sigma PCNT_s$; 0.67

Wednesday 10 November 1999

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 74 ** °F	Dir. SSW	Temp. 80 °F	*overnight low 61.° contrails ** RECORD MAX. TIED (1975)		
Min. 40 * °F	Vel. 6 m.p.h.	Read. 28.83 in.			
Set 61 °F	Char. light	Corr. 28.68 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 30.11 in.	Clds. SC CI 8/10 AC CU	Clds. CS CU 10/10	Clds. 10/10 AS
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. \ - 1 mb	Wx breezy pleasant	Wx Hazy & Breezy	Wx warm
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 15 mi.	Vis. 8 mi.	Vis. 15 mi.

$\bar{T}$: 57
HDD: 8
CDD: 0
ΣHDD: 173
ΣCDD: 0
ΣPCN_L: 0.56
ΣPCN_S: T

T_{DAVIS}: 61/51 T_W: 60
T_{UNV}: 61/48 T_D: 59

PCN_{IB} 0.00
ΣPCN_{IB} 0.67

Thursday 11 November 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 67 °F	Dir. NE	Temp. 81 °F	-DZ ~0330 LT		
Min. 41 °F	Vel. 9 m.p.h.	Read. 28.96 in.			
Set 41 °F	Char. breezy	Corr. 28.82 in.	0700	1300	1900
R.H. 68 %	24 hr. Mov. M mi.	Sea L. 30.21 in.	Clds. 10/10 As	Clds. 3/10 Ci	Clds. 9/10
Ppn. T Liq. in.	Prev. Dir. M	3 hr. Tend. /41 mb	Wx Windy	Wx Windy & COLD	Wx Breezy & Very Cold
Ppn. — Sol. in.	Snow Depth — in.	Observer PLD	Vis. 25 mi.	Vis. 25+ mi.	Vis. 25+ mi.

$\bar{T}$: 54

T_{davis}: 41/34

T_W: 39

H_{DD}: 11

T_{unv}: 39/32

T_D: 33

C_{DD}: 0

$\sum H_{DD}$: 184

$\sum C_{DD}$: 0

$\sum PCN_L$: 0.56

$\sum PCN_S$: T

PCN_{TB}: 0.00

$\sum PCN_{TB}$: 0.67

FRIDAY NOVEMBER 12, 1982

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 44 °F	Dir. SSW	Temp. 80 °F	LOW OCCURS ~0:00 LT MIDNIGHT
Min. 30 °F	Vel. 1 m.p.h.	Read. 29.21 in.	
Set 39 °F	Char. VERY LIGHT	Corr. 29.06 in.	
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.46 in.	
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. — 0 mb	
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ARD	

	0700	1300	1900
Clds.	1/10 Sc	7/10 AC Cu Ci	~0/10 BY TIME
Wx	CLOUDY AND COLD	breezy chilly	HAZY & COOL
Vis.	25+ mi.	15 mi.	8 mi.

$T = 37$

$H_{DD} = 28$

$C_{DD} = 0$

$\Sigma H_{DD} = 212$

$\Sigma C_{DD} = 0$

$\Sigma PCN_L = 0.56$

$\Sigma PCN_S = T$

$T_{DAILY} = 38/19$

$T_{UNV} = 36/25$

$T_W = 34$

$T_D = 32$

$PCN_D = 0.00$

$\Sigma PCN_{TD} = 0.67$

SATURDAY NOVEMBER 13, 1999

Meteorological Observatory
University Park, PA
0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. WNW	Temp. 79 °F	* OVERNIGHT LOW=42 BETWEEN 0:00 AND 1:00 LT		
Min. 39 * °F	Vel. 1 m.p.h.	Read. 28.98 in.			
Set 48 °F	Char. VERY LIGHT	Corr. 28.84 in.			
			0700	1300	1900
R.H. 87 %	24 hr. Mov. — mi.	Sea L. 30.20 in.	Clds. 10/10 Sc	Clds.	Clds. 8/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. ~+2 mb	Wx HAZE AND COOL	Wx	Wx Hazy chilly
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ARD	Vis. 8 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 44
H_{DD}: 21
C_{DD}: 0

ΣH_{DD}: 233
ΣC_{DD}: 0

ΣPCN_L: 0-56
ΣPCN_S: T

T_{DAVIS}: 48/40
T_{UNV}: 48/37

T_W: 45
T_D: 44

PCN_{TB}: 0-00
ΣPCN_{TB}: 0-67

Sunday 14 November 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 57 °F	Dir. W	Temp. 78 °F			
Min. 42 °F	Vel. 3 m.p.h.	Read. 28.46 in.			
Set 48 °F	Char. light	Corr. 28.32 in.	*light fog in valley		
			0700	1300	1900
R.H. 74 %	24 hr. Mov. — mi.	Sea L. 29.66 in.	Clds. 5/10 Cs	Clds.	Clds. 8/10 As
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \5 mb	Wx warm	Wx	Wx cool
Ppn. Sol. 0.0 in.	Snow Depth — in.	Observer PLD	Vis. * 20 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 50

H_{DD}: 15

C_{DD} 0

$\sum H_{DD}$ 248

$\sum C_{DD}$ 0

T_{DAVIS} 50/44

T_{UNV}: 45/39

T_W: 47

T_D: 43

$\sum PCN_L$: 0.56

$\sum PCN_S$ T

PCN_{TD}: 0.00

$\sum PCN_{TD}$ 0.67

Monday 15 November 1999 Meteorological Observatory
0700 EST University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. WNW	Temp. 78 °F	-DZ occasionally -SN 2100-2115 LT -SN 0644-0655 LT -SN 2315-2327 LT		
Min. 38 °F	Vel. 6 m.p.h.	Read. 28.74 in.			
Set 38 °F	Char. variable	Corr. 28.60 in.	0700	1300	1900
R.H. 53 %	24 hr. Mov. M mi.	Sea L. 30.03 in.	Clds. 8/10 SC	Clds. 9/10 SC	Clds. 9/10 NS
Ppn. T Liq. in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx brisk windy	Wx breezy	Wx -SN
Ppn. T Sol. in.	Snow Depth 0 in.	Observer MAW	Vis. 20 mi.	Vis. 25 mi.	Vis. 15 mi.

$\bar{T}$: 49
HDD: 16
CDD: 0
ΣHDD: 264
ΣCDD: 0
ΣPCN_L: 0.56
ΣPCN_S: T

T_{DAVIS}: 39/23 T_W: M

T_{UNU}: 37/21 T_O: 23

PCN_{TB}: 0.00**
ΣPCN_{TB}: 0.67

** WIND-CONTAMINATED, DID NOT ADD 0.12" AS REPORTED

Tuesday 16 November 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 44 °F	Dir. NW	Temp. 77 °F	02 17:30 ~ 18:15 L+ -SN 18:15 ~ 21:04 L+		
Min. 29 °F	Vel. 10 m.p.h.	Read. 28.60 in.			
Set 29 °F	Char. variable	Corr. 28.47 in.	* MOST FELL AS WET SNOW		
			0700	1300	1900
R.H. 65 %	24 hr. Mov. M mi.	Sea L. 29.84 in.	Clds. 5/10 SC	Clds. 5/10 CU	Clds. CU 9/10 SC
Ppn. Liq. 0.02 * in.	Prev. Dir. M	3 hr. Tend. /+.5 mb	Wx Cold	Wx cold windy	Wx cold breezy
Ppn. Sol. T in.	Snow Depth 0 in.	Observer ADL	Vis. 7-5 mi.	Vis. 25 mi.	Vis. 6 mi.

$\bar{T}$: 37

H_{DD} : 28

C_{DD} : 0

ΣH_{DD} : 292

ΣC_{DD} 0

T_{Davis} : 29/17

T_{mv} : 28/16

T_w : 1

T_0 : 17

ΣPCN_L 0.58

$\Sigma PCNS$: +

PCN_{TS} : 0.100

$EPCN_{TS}$: 0.67

Wednesday 17 November 1999 — 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 36 °F	Dir. NW	Temp. 77 °F			
Min. 28 °F	Vel. 6 m.p.h.	Read. 28.93 in.			
Set 28 °F	Char. Steady	Corr. 28.79 in.	0700	1300	1900
R.H. 64 %	24 hr. Mov. M mi.	Sea L. 30.23 in.	Clds. 3/10 cu	Clds. 3/10 Ci	Clds. 4/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. / +2 mb	Wx chilly	Wx WINDY & CHILLY	Wx windy
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 25 mi.	Vis. 25+ mi.	Vis. 25 mi.

F: 32
HDD: 33
CDD: 0
ΣHDD: 325
ΣCDD: 0
ΣPCN_L: 0.58
ΣPCN_S: T

T_{DAVIS}: 29/17 T_W: M
T_{UNU}: 28/16 T_D: 17

Thursday 18 November 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 41 °F	Dir. —	Temp. 74 °F			
Min. 25 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set 26 °F	Char. calm	Corr. 28.82 in.	*fog in valley		
			0700	1300	1900
R.H. 77 %	24 hr. Mov. — mi.	Sea L. 30.15 in.	Clds. 1/10 Ci	Clds. 3/10 Cc	Clds. 8/10 Ac
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. /2 mb	Wx Cold fog*	Wx COOL w/ light [illegible]	Wx COOL
Ppn. Sol. 0.00 in.	Snow Depth — in.	Observer PLD	Vis. 20 mi.	Vis. 25+ mi.	Vis. 25+ mi.

$\bar{T}$: 33

H_{DD}: 32

C_{DD}: 0

$\sum H_{DD}$: 357

$\sum C_{DD}$: 0

T_{Davis} 28/20

T_{univ}: 24/17

T_w: 2

T_D: 20

$\sum PCN_L$: 0.58

$\sum PCN_S$: T

PCN_{TB}: 0.00

$\sum PCN_{TB}$: 0.67

FRIDAY NOVEMBER 19, 1999

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. —	Temp. 76 °F	*OVERNIGHT LOW = 34		
Min. 24* °F	Vel. 0 m.p.h.	Read. 29.16 in.			
Set 34 °F	Char. CALM	Corr. 29.02 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. — mi.	Sea L. 30.44 in.	Clds. FEW CONTRAILS 9/10	Clds. 1/10 CI	Clds. FEW CI 9/10
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. +3 mb	Wx COLD	Wx hazy	Wx COOL, HAZY AND WINDY
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ARD	Vis. 20 mi.	Vis. 20 mi.	Vis. 15 mi.

$\bar{T} = 36$

$H_{DD} = 29$

$C_{DD} = 0$

$\Sigma H_{DD} = 386$

$\Sigma C_{DD} = 0$

$\Sigma PCN_L = 0.58$

$\Sigma PCN_S = T$

$T_{DAVG} = 38/25$

$T_{UNV} = 32/21$

$T_W = —$

$T_D = 25$

$PCN_{TD} = 0.00$

$\Sigma PCN_{TD} = 0.67$

SATURDAY NOVEMBER 20, 1999

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 59 °F	Dir. —	Temp. 78 °F	* OVERNIGHT LOW: 47 AT ~1:30AM		
Min. 32 * °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set 49 °F	Char. CALM	Corr. 28.81 in.	0700	1300	1900
R.H. 92 %	24 hr. Mov. — mi.	Sea L. 30.17 in.	Clds. AS 8/10 AC	Clds.	Clds. 2/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. —	3 hr. Tend. \ −1.5 mb	Wx SLIGHTLY COOL!	Wx	Wx NICE!
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ALD	Vis. 20 mi.	Vis. mi.	Vis. 7 mi.

$\bar{T} = 46$

$H_{DD} = 19$

$C_{DD} = 0$

$\Sigma H_{DD} = 405$

$\Sigma C_{DD} = 0$

$\Sigma PCN_L = 0\text{-}56$

$\Sigma PCN_S = T$

$T_{DAVIS} = 50/40$ $T_W = 47$

$T_{UNV} = 36/28$ $T_D = 47$

$PCN_{TB} = 0\text{-}00$

$\Sigma PCN_{TB} = 0\text{-}67$

Sunday 21 November 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 54 °F	Dir. —	Temp. 78 °F	-RA 0938 - 1245 LT		
Min. 40 °F	Vel. 0 m.p.h.	Read. 29.00 in.	* fog IN valleys.		
Set 42 °F	Char. calm	Corr. 28.86 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. — mi.	Sea L. 30.25 in.	Clds. 10/10 As	Clds.	Clds. 4/10
Ppn. Liq. 0.18 in.	Prev. Dir. —	3 hr. Tend. ↓ 1 mb	Wx dreary	Wx	Wx Haze
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	Vis. 5 * mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 47

H_{DD}: 18

C_{DD}: 0

$\sum H_{DD}$: 423

$\sum C_{DD}$: 0

T_{DAVIS}: 41/41

T_{UNV}: 39/39

T_W: 42

T_D: 41

$\sum PCN_L$: 0.76

$\sum PCN_S$: T

PCN_{TB}: 0.17

$\sum PCN_{TB}$: 0.84

22 November 1999 Monday

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 62 °F	Dir. E	Temp. 78 °F	*overnight low 45° fog in valleys -02 occasionally DWT
Min. * 41 °F	Vel. 2 m.p.h.	Read. 29.12 in.	
Set 50 °F	Char. light	Corr. 28.97 in.	
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 30.42 in.	
Ppn. T Liq. in.	Prev. Dir. M	3 hr. Tend. ⌐+1 mb	
Ppn. 0.0 Sol. in.	Snow Depth 0 in.	Observer MAW	

	0700	1300	1900
Clds.	10/10 SC	7/10 Cu Sc	10/10 As
Wx	dreary	—	Wx warm
Vis.	6 mi.	15 mi.	10 mi.

$\bar{T}$: 52
HDD: 13
CDD: 0
ΣHDD: 436
ΣCDD: 0
ΣPCN_L: 0.76
ΣPCN_S: T

T_{DAVIS}: 51/49 T_W: 49
T_{UNU}: 46/45 T_D: 48

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.84

tuesday 23 November 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 64 °F	Dir. E	Temp. 80 °F	0z 2030 LT -0z 2210 LT		
Min. 49* °F	Vel. 2 m.p.h.	Read. 29.14 in.			
Set 58 °F	Char. Light	Corr. 29.00 in.	KOVN Low 58		
			0700	1300	1900
R.H. 85 %	24 hr. Mov. M mi.	Sea L. 30.37 in.	Clds. 10/10 St	Clds. 10/10 SC	Clds. 10/10 SC
Ppn. T Liq. in.	Prev. Dir. M	3 hr. Tend. 0 mb	Wx dvc warm	Wx warm hazy	Wx pleasant
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer ADL	Vis. 1 mi.	Vis. 10 mi.	Vis. 6 mi.

$\bar{T}$: 57

H_{00} : 8

C_{00} : 0

ξH_{00} : 444

ξC_{00} : 0

T_{Davis} : 57/56

T_{mnv} : 55/54

T_w : 57

T_b : 55

~~Ethanol~~

ξP_{CN1} : 0.76

ξP_{CN3} : T

PCN_{Fal} : 0

ξPCN_{Sy} : 0.84

Wednesday 24 November 1999

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 61 °F	Dir. SSW	Temp. 80 °F	*record maximum minimum; old - 46° 1931		
Min. * 53 °F	Vel. 10 m.p.h.	Read. 29.00 in.			
Set 55 °F	Char. G18	Corr. 28.85 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 30.29 in.	Clds. CU SC 6/10 ACAS	Clds. AS 3/10 AC	Clds. 8/10 CU
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. \-1 mb	Wx pleasant	Wx Mild Clear Windy	Wx pleasant
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 10 mi.	Vis. 20 mi.	Vis. 6 mi.

T: 57
HDD: 8
CDD: 0
ΣHDD: 452
ΣCDD: 0
ΣPCN_L: 0.76
ΣPCN_S: T

T_{DAVIS}: 55/53 T_W: 54

T_{UNV}: 55/50 T_D: 53

PCN_{TB}: 0.00
ΣPCN_{TB}: 0.84

Thursday 25 November 1999

Meteorological Observatory
University Park, PA

0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 62 °F	Dir. E	Temp. 80 °F	+RASH 0245-0B LT RB 1140 LT fog in valleys		
Min. 42 °F	Vel. 2 m.p.h.	Read. 29.11 in.			
Set 42 °F	Char. light	Corr. 28.96 in.			
			0700	1300	1900
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 30.40 in.	Clds. 10/10 CB NS	Clds.	Clds. 10/10 NS
Ppn. Liq. 0.30 in.	Prev. Dir. M	3 hr. Tend. −0 mb	Wx +RASH	Wx	Wx +RASH
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 4 mi.	Vis. mi.	Vis. .6 mi.

$\bar{T}$: 52
HDD: 13
CDD: 0
ΣHDD: 465
ΣCDD: 0
ΣPCN_L: 1.06
ΣPCN_S: T

T_{DAVIS}: 42/41 T_W: 42
T_{UNV}: 41/37 T_D: 42

PCN_{TB}: 0.29
ΣPCN_{TB}: 1.13

FRIDAY 26 NOVEMBER 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 48 °F	Dir. NNW	Temp. 79 °F			
Min. 41 * °F	Vel. 2 m.p.h.	Read. 28.76 in.			
Set 47 °F	Char. LIGHT	Corr. 28.61 in.	* EVENING MIN, TEMPS RISE AFT		
			0700	1300	1900
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 29.97 in.	Clds. 10/10 Ns	Clds.	Clds. 10/10 Ns Sc
Ppn. Liq. 0.67 in.	Prev. Dir. M	3 hr. Tend. -2.0 mb	Wx -DZ	Wx	Wx -DZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer LWS	Vis. 4 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T} = 45$

$H_{DD} = 20$

$\Sigma H_{DD} = 485$

$\Sigma PCN_L = 1.73''$

$\Sigma PCN_S = T$

$\bar{T}_{DNS} = 48/48$

$\bar{T}_{UNV} = 46/45$

$\bar{T}_W = 47$

$\bar{T}_D = 47$

$PCN_{TB} = 0.59''$

$\Sigma PCN_{TB} = 1.72''$

Saturday 27 November 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 58 °F	Dir. N	Temp. 76 °F	-RA 0700 - 1610 -SHRA BR 1610 - 1645 1930 - 2000 -RA 1645 - 1815 * fog in valley		
Min. 40 °F	Vel. 6 m.p.h.	Read. 28.77 in.			
Set 41 °F	Char. breezy	Corr. 28.64 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.01 in.	Clds. Ci 10/10 Cc	Clds.	Clds. 9/10 Cs
Ppn. Liq. 1.42 in.	Prev. Dir. M	3 hr. Tend. / 3 mb	Wx Nice sunrise	Wx	Wx cool
Ppn. Sol. 0.00 in.	Snow Depth — in.	Observer PLD	Vis. 20* mi.	Vis. mi.	Vis. 15 mi.

$\bar{x}$ 49

H_{DD} 16

C_{DD} 0

ΣH_{DD} 501

ΣC_{DD} 0

T_{DAVIS} 41/35

T_{UNV} 39/30

T_W 38

T_D 34

ΣPCN_L ~~3.06~~ 3.15

ΣPCN_S T

PCN_{TB} 1.32

ΣPCN_{TB} 3.04

Sunday 28 November 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 55 °F	Dir. W	Temp. 77 °F			
Min. 36 °F	Vel. 2 m.p.h.	Read. 29.04 in.			
Set 36 °F	Char. light	Corr. 28.91 in.	* From Avis		
R.H. 68 %	24 hr. Mov. M mi.	Sea L. 30.35 in.	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. M	3 hr. Tend. /12 mb	Clds. Ac 7/10 As	Clds.	Clds. 0/10
Ppn. Sol. 0 in.	Snow Depth — in.	Observer ADH	Wx clr	Wx	Wx N.R
			Vis. 25 mi.	Vis. mi.	Vis. 20 mi.

F: 46

H_{OO}: 19

C_{OO}: 0

ΣH_{OO}: 520

ΣC_{OO}: 0

T_{ouvis} 36/26

T_{ouv} 36/25

T_{ri}: 17

T_{ri}: 26

ΣPCN_L: 3.16

ΣPCN_S: T

PCN_{T_0}: 6

ΣPCN_{T_3} 3.04

Monday 29 November 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 46 °F	Dir. WSW	Temp. 77 °F			
Min. 29 °F	Vel. 10 m.p.h.	Read. 29.14 in.			
Set 32 °F	Char. variable	Corr. 29.00 in.	0700	1300	1900
R.H. 82 %	24 hr. Mov. M mi.	Sea L. 30.45 in.	Clds. CU 7/10 SC	Clds. CU 7/10 SC	Clds. As 3/10 Ac
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx cold	Wx -SN blustery	Wx dusting of snow on grass
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer MAW	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

T: 38
HDD: 27
CDD: 0
ΣHDD: 547
ΣCDD: 0
ΣPCN$_L$: ~~3.05~~ 3.15
ΣPCN$_S$: T

T_{DAVIS}: 32/27 Tw: M
T_{UNU}: 32/25 T_O: 27

PCN_{TB}: 0.00
ΣPCN_{TB}: 3.04

Tuesday 30 November 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 39 °F	Dir. –	Temp. 76 °F	-SN ~ 12:10 LT GS/SN ~~14~~ 14:45 - 15:00 LT SHSN 18:00 - 18:45 LT		
Min. 20 °F	Vel. – m.p.h.	Read. 29.33 in.			
Set 23 °F	Char. calm	Corr. 29.19 in.	* From Davis		
R.H. * 75 %	24 hr. Mov. M mi.	Sea L. 30.61 in.	0700 Clds. 2/10 AC	1300 Clds. 9/10 Cb	1900 Clds. 1/10 Cu
Ppn. Liq. 0.02 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx cool	Wx -SN	Wx Cold!
Ppn. Sol. 0.4 in.	Snow Depth T in.	Observer ADH	Vis. 25 mi.	Vis. 6 mi.	Vis. 6 mi.

$\bar{T}$: 30

H_{DD} : 35

C_{DD} : 0

ΣH_{DD} : 582

ΣC_{DD} : 0

T_{DAYS} : 25/19

t_{MAV} : 21/15

T_M : M

T_y : 19

NOVEMBER

$\bar{T}_{MAX}$ = 54.5

$\bar{T}_{MIN}$ = 36.3

$\bar{T}_{MO}$ = 45 4

ΣPLN_E : 0317

ΣPLN_S : 0.4

PLN_{TH} 0.01

ΣPLN_{TH} : 3.05