Sunday 1 August 1999

Meteorological Observatory
University Park, PA
0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 95 * °F	Dir. WSW	Temp. 78 °F	-DZ 1840–1855 LT +TSRA 2113–2200LT +RA 2200LT–01 LT -RA 0140–02 LT		
Min. 69 °F	Vel. 0 m.p.h.	Read. 28.75 in.			
Set 72 °F	Char. calm	Corr. 28.61 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 30.03 in.	Clds. 10/10 SC	Clds.	Clds. 4/10 CI
Ppn. Liq. 0.32 in.	Prev. Dir. M	3 hr. Tend. /+1 mb	Wx muggy	Wx	Wx beautiful
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 82
HDD: 0
CDD: 17
ΣHDD: 0
ΣCDD: 17
ΣPCN_L: 0.32
ΣPCN_S: 0

T_{DAVIS}: 71/70 T_W: 70
T_{UNU}: 72/68 T_D: 69

* RGE. MAX, OLD-94, 1933, 1955

PCN_{TB}: 0.31
ΣPCN_{TB}: 0.31

Monday 2 August 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. NW	Temp. 76 °F			
Min. 61 °F	Vel. 4 m.p.h.	Read. 28.92 in.			
Set 65 °F	Char. light	Corr. 28.78 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 30.22 in.	Clds. CI 1/10 CU	Clds.	Clds. 1/10 CS
Ppn. Liq. 0 in.	Prev. Dir. M	3 hr. Tend. +2 mb	Wx clear	Wx	Wx wonderful
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 74
HDD: 0
CDD: 9
ΣHDD: 0
ΣCDD: 26
ΣPCN_L: 0,32
ΣPCN_S: 0

T_{UNV}: M T_W: 61
T_{DAVIS}: 65/57 T_D: 59

PCN_{TB}: 0
ΣPCN_{TB}: 0.31

Tuesday 3 August 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. –	Temp. 75 °F			
Min. 56 °F	Vel. – m.p.h.	Read. 29.02 in.			
Set 60 °F	Char. calm	Corr. 28.89 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.23 in.	Clds. 3/10 Ci	Clds.	Clds. 2/10 Ci Cs
Ppn. – Liq. in.	Prev. Dir. M	3 hr. Tend. /21 mb	Wx cwl	Wx	Wx NICl
Ppn. – Sol. in.	Snow Depth – in.	Observer ADH	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

T: 68

HDD: 0

CDD: 3

Σ HDD: 0

Σ CDD: 29

Σ

T_{min}: 61/54

T_{pavg}: 62/55

T_w: 58

T_D 55

ΣPCN_E: 0.32

$\Sigma PCNS$: 0

PCN_{T_D}: 0

ΣPCN_{T_D}: 0.31

Wednesday 4 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. SW	Temp. 70 °F			
Min. 54 °F	Vel. 0 m.p.h.	Read. 28.85 in.			
Set 59 °F	Char. calm	Corr. 28.73 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.06 in.	Clds. 1/10 Ci	Clds.	Clds. 7/10 Cu As
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. -- C mb	Wx cool	Wx	Wx warm
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 69

H_{DD}: 0

C_{DD}: 4

$\sum H_{DD}$: 0

$\sum C_{DD}$: 33

T_{DONLS}: 62/54

T_{UNV}: 58/51

T_W: 57

T_D: 54

$\sum PCN_L$: 0.32

$\sum PCN_S$: 0.00

PCN_{IB}: 0.00

$\sum PCN_{IB}$: 0.31

Thursday 5 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. SW	Temp. 74 °F	TSRA 0315 - 0340 - RA 0340 - 0430 fog in valley		
Min. 58 °F	Vel. 1 m.p.h.	Read. 28.79 in.			
Set 64 °F	Char. calm	Corr. 28.66 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 29.98 in.	Clds. Cc 4/10 Cs Ci	Clds.	Clds. As 6/10 Ac
Ppn. Liq. 0.21 in.	Prev. Dir. M	3 hr. Tend. — 1 mb	Wx CCOI	Wx	Wx vic
Ppn. Sol. — in.	Snow Depth — in.	Observer PLS	Vis. 7 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 70

T_{davis} 60S/63

T_{uno} 63/63

T_W 6

T_D 59

H_{DD} 6

C_{DD} 5

$\sum H_{DD}$ 0

$\sum C_{DD}$ 38

PCN_{TB}: 0.21

$\sum PCN_L$ 0.53

$\sum PCN_S$: M

$\sum PCN_{TB}$ 0.52

Friday 6 August 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 79 °F	Dir. W	Temp. 72 °F			
Min. 57 °F	Vel. 2 m.p.h.	Read. 28.82 in.			
Set 61 °F	Char. Constant	Corr. 28.70 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.03 in.	Clds. 0/10	Clds.	Clds. 3/10
Ppn. Liq. — in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx Haze	Wx	Wx Mist
Ppn. Sol. — in.	Snow Depth — in.	Observer AOH	Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 68

T_{oavis}: 62/56

T_w = 59

H_{oo}: 0

T_{mv}: 61/55

T_b = 55

C_{oo}: 3

ΣH_{oo}: 0

ΣC_{oo}: 41

ΣPCN_L: 0.53

ΣPCN_S: -

PCN_{TB}: 0

ΣPCN_{TB}: 0.52

Saturday 7 August 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. -	Temp. 72 °F			
Min. 59 °F	Vel. - m.p.h.	Read. 28.94 in.			
Set 61 °F	Char. calm	Corr. 28.82 in.	Fog in valleys		
R.H. 68 %	24 hr. Mov. M mi.	Sea L. 30.16 in.	0700 Clds. 3/10 Ci	1300 Clds.	1900 Clds. Cs 10/10 Ac
Ppn. Liq. - in.	Prev. Dir. M	3 hr. Tend. /13 mb	Wx very Nice	Wx	Wx Nice
Ppn. Sol. - in.	Snow Depth ~ in.	Observer ADH	Vis. 10 mi.	Vis. mi.	Vis. 10 mi.

T: 69

H_{00}: 0

C_{00}: 4

ΣH_{00}: 0

ΣC_{00}: 45

T_{0avg}: 64/55

T_{wv}: 59/55

T_w: 59

T_0: 53

ΣPLN_L: 0.53

ΣPLN_S: –

PLN_{T0}: 0

ΣPLN_{T0}: 0.52

Sunday 8 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. SW	Temp. 72 °F	-RA 0345 - 0725 LT -TSRA 0725 - 0800 LT fog in valleys * CVNT LOW 166"		
Min. ¥ 61 °F	Vel. 1 m.p.h.	Read. 28.61 in.			
Set 68 °F	Char. calm	Corr. 28.49 in.			
			0700	1300	1900
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 29.79 in.	Clds. 10/10 NS	Clds.	Clds. 4/10 Ac 4/10 CS
Ppn. Liq. 0.22 in.	Prev. Dir. M	3 hr. Tend. L 1 mb	Wx -RA	Wx	Wx N.c
Ppn. Sol. — in.	Snow Depth — in.	Observer FLD	Vis. 7 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$: 73

T_{DAVIS}: 65/65

T_W: 60

H_{DD}: 0

T_{UNIV}: 60/62

T_D 65

C_{DD}: 8

$\sum H_{DD}$: 6

$\sum C_{DD}$: 53

$\sum PCN_L$: 0.76

PCN_{TB}: 0.23

$\sum PCN_S$: –

$\sum PCN_{TB}$: 0.75

Monday 9 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. NW	Temp. 71 °F	-RA 0800 - 0900 LT		
Min. 55 °F	Vel. 1 m.p.h.	Read. 28.83 in.			
Set 57 °F	Char. light	Corr. 28.71 in.	orographic Cu		
R.H. 72 %	24 hr. Mov. M mi.	Sea L. 30.05 in.	0700	1300	1900
Ppn. Liq. 0.05 in.	Prev. Dir. M	3 hr. Tend. 12 mb	Clds. Cu 2/10 Ac	Clds.	Clds. 3/10 Ci Cu St
Ppn. Sol. — in.	Snow Depth — in.	Observer FLD	Wx autumnal Nice	Wx	Wx COOL
			Vis. 25 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 66

H_{DD} 0

C_{DD} 1

$\sum H_{DD}$ 0

$\sum C_{DD}$ 54

T_{DAVIS} 58/50

T_{UNIV} 57/48

T_W 54

T_D 50

$\sum PCN_L$ 0.81

$\sum PCN_S$ 0.00

PCN_{TB} 0.04

$\sum PCN_{TB}$ 0.79

Tuesday 10 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. S	Temp. 71 °F	-RA 0415 - 0430LT		
Min. 56 °F	Vel. 1 m.p.h.	Read. 28.73 in.			
Set 58 °F	Char. calm	Corr. 28.61 in.	0700	1300	1900
R.H. 62 %	24 hr. Mov. M mi.	Sea L. 29.94 in.	Clds. 4/10 Ci St	Clds. 10/10 As	Clds. 10/10 As
Ppn. T Liq. in.	Prev. Dir. M	3 hr. Tend. -1 mb	Wx great!	Wx -SHRA	Wx grey
Ppn. 0.00 Sol. in.	Snow Depth — in.	Observer PLO	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 65

T_{DAVIS}: 61/50

T_{UNV}: 57/49

T_W: 54

T_D: 48

H_{DD}: 0

C_{DD}: 0

$\sum H_{DD}$: 0

$\sum C_{DD}$: 54

$\sum PCN_L$: 0.81

$\sum PCN_S$: 0.00

PCN_{TB}: 0.00

$\sum PCN_{TB}$: 0.79

Wednesday 11 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. N	Temp. 72 °F	-RA 1310CT - 1520CT		
Min. 58* °F	Vel. 2 m.p.h.	Read. 28.74 in.	fog in valley *OVNT LOW 59°		
Set 63 °F	Char. calm	Corr. 28.51 in.	0700	1300	1900
R.H. 70 %	24 hr. Mov. M mi.	Sea L. 29.83 in.	Clds. 1/10 Cc	Clds.	Clds. St 4/10 Ci
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. -1 mb	Wx Nice	Wx	Wx ok
Ppn. Sol. 0.00 in.	Snow Depth 0.00 in.	Observer PLD	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 67

H_{DD}: 0

C_{DD}: 2

$\sum H_{DD}$: 0

$\sum C_{DD}$: 56

$\sum PCN_L$: 0.81

$\sum PCN_S$: 0.00

$\bar{T}_{UNO}$ 60/57

$\bar{T}_{DAVIS}$ 64/58

T_W: 60°

T_D: 56°

PCN_{TB}: 0.00

$\sum PCN_{TB}$: 0.79

Thursday 12 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 83 °F	Dir. SSW	Temp. 72 °F			
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.82 in.			
Set 64 °F	Char. calm	Corr. 28.70 in.	fog IN valley		
			0700	1300	1900
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 30.02 in.	Clds. 9/10	Clds.	Clds. 10/10 CI CS
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. 12 mb	Wx foggy	Wx	Wx nice
Ppn. Sol. 0.00 in.	Snow Depth 0.00 in.	Observer PLD	Vis. 2 mi.	Vis. mi.	Vis. 25 mi.

T: 72

T_{Davis}: 60/62

T_W: 63

H_{DD}: 0

T_{Univ}: 62/60

T_D: 62

C_{DD}: 7

$\sum H_{DD}$: 0

$\sum C_{DD}$: 63

$\sum PCN_L$: 0.81

PCN_{1B}: 0.00

$\sum PCN_S$: 0.00

$\sum PCN_{1D}$: 0.79

FRIDAY 13 AUGUST 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. —	Temp. 73 °F			
Min. 64 * °F	Vel. 0 m.p.h.	Read. 28.76 in.			
Set 69 °F	Char. CALM	Corr. 28.63 in.	*OUNT LAU 67		
			0700	1300	1900
R.H. 68 %	24 hr. Mov. M mi.	Sea L. 29.94 in.	Clds. As, 10/10 Ac	Clds.	Clds. CU SC 10/10 AS
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. L -0.4 mb	Wx HZ	Wx	Wx -DZ
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer WJS	Vis. 10 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T} = 76$

$H_{DD} = 0$

$C_{DD} = 11$

$\Sigma H_{DD} = 0$

$\Sigma C_{DD} = 74$

$\Sigma PCN_L = 0.81''$

$T_{DAVIS} = 70/59$

$T_{UNV} = 64/57$

$T_W = 62$

$T_D = 58$

$PCN_{TB} = 0.00''$

$\Sigma PCN_{TB} = 0.79''$

Saturday 14 August 1999 — Meteorological Observatory, University Park, PA — 0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. ESE	Temp. 74 °F	-DZ 08 – 0820 LT +RA 1605 – 1830 LT +TSRA 1855 – 1945 LT +TSRA 2035 – 2220 LT		
Min. 68 °F	Vel. 4 m.p.h.	Read. 28.69 in.			
Set 70 °F	Char. steady	Corr. 28.56 in.	0700	1300	1900
R.H. 97 %	24 hr. Mov. M mi.	Sea L. 29.98 in.	Clds. CS 10/10	Clds.	Clds. CU AC 8/10 SC AS
Ppn. Liq. 1.76 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx +DZ	Wx	Wx windy
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$: 80
HDD: 0
CDD: 15
ΣHDD: 0
ΣCDD: 89
ΣPCN_L: 2.57
ΣPCN_S: 0.0

$\bar{T}_{DAUIS}$: 70/69 $\bar{T}_W$: 69
$\bar{T}_{UNV}$: 70/68 T_D: 69

PCN_{TB}: 1.88
ΣPCN_{TB}: 2.67

* REC PRECIP FOR DATE
04 = 1.03, 1963

Sunday 5 August 1900

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. ENE	Temp. 72 °F			
Min. 62 °F	Vel. 1 m.p.h.	Read. 28.95 in.			
Set 62 °F	Char. G6	Corr. 28.82 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. M mi.	Sea L. ~~30.26~~ 29.97 ~~29.72~~ in.	Clds. 10/10 SC AS	Clds.	Clds. 2/10 AC.
Ppn. Liq. trace in.	Prev. Dir. M	3 hr. Tend. /+2 mb	Wx brisk	Wx	Wx pleasant
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAN	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 74
HDD: 0
CDD: 9
ΣHDD: 0
ΣCDD: 98
ΣPCN_ℓ: 2.57
ΣPCN_S: 0.0

T_{UNU}: 63/55 $\bar{T}_W$: 60
T_{DAVIS}: 63/58 $\bar{T}_D$: 59

PCN_{TB}: 0
ΣPCN_{TB}: 2.67

Monday 16 August 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. N	Temp. 72 °F	Fog in valley		
Min. 55 °F	Vel. 0 m.p.h.	Read. 29.13 in.			
Set 57 °F	Char. calm	Corr. 29.00 in.	0700	1300	1900
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 30.44 in.	Clds. 1/10 CI	Clds.	Clds. 3/10 CI CC CS
Ppn. 0 Liq. in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx beautiful	Wx	Wx pleasant
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 20 mi.

F: 65

HDD: 0

CDD: 0

ΣHDD: 0

ΣCDD: 98

ΣPCN_L: 2.57

ΣPCN_S: 0

T_{DAVIS}: 6/56 T_W: 57

T_{UNIV}: 57/55 T_D: 57

PCN_{TB}: 0

ΣPCN_{TB}: 2.67

TUESDAY 17 AUGUST 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SSW	Temp. 74 °F			
Min. * 57 °F	Vel. 2 m.p.h.	Read. 28.91 in.			
Set 67 °F	Char. LGT	Corr. 28.78 in.	* OVNT LOW 67		** SPRINKLES NEARBY ~0630 LT
			0700	1300	1900
R.H. 78 %	24 hr. Mov. M mi.	Sea L. 30.09 in.	Clds. 5/10 AC	Clds. 1/10 AC	Clds. CU 7/10 SC AC
Ppn. Liq. ** 0.00 in.	Prev. Dir. M	3 hr. Tend. \-0.4 mb	Wx HZ	Wx HZ	Wx hazy
Ppn. Sol. — in.	Snow Depth — in.	Observer WJS	Vis. 8 mi.	Vis. 10 mi.	Vis. 6 mi.

$\bar{T} = 70$

$HDD = 0$

$CDD = 5$

$\Sigma HDD = 0$

$\Sigma CDD = 103$

$\Sigma PCN_L = 2.57"$

$T_{DAVES} = 66/62$

$T_{UNV} = 64/61$

$T_W = 625$

$T_D = 60$

$PCN_{TD} = 0.00"$

$\Sigma PCN_{TD} = 2.67"$

WEDNESDAY 18 AUGUST 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 88 °F	Dir. W	Temp. 74 °F	-SHRA 0015-0100 LT		
Min. 65 °F	Vel. 4 m.p.h.	Read. 28.77 in.			
Set 67 °F	Char. STEADY	Corr. 28.64 in.			
			0700	1300	1900
R.H. 85 %	24 hr. Mov. M mi.	Sea L. 29.95 in.	Clds. Cu N 1/10 Ci S	Clds.	Clds. CI Cu 8 10 Ac Sc
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. /+1.0 mb	Wx HZ	Wx	Wx pleasant
Ppn. Sol. — in.	Snow Depth — in.	Observer WJS	Vis. 5 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T} = 77$

$H_{DD} = 0$

$C_{DD} = 12$

$\Sigma H_{DD} = 0$

$\Sigma C_{DD} = 115$

$\Sigma PCN_L = 2.57''$

$T_{DAVG} = 67/64$

$T_{UNU} = 66/63$

$T_W = 64.5°$

$T_D = 63°$

$PCN_{TB} = 0.00''$

$\Sigma PCN_{TB} = 2.67''$

Thursday 19 August 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. NNW	Temp. 73 °F	fog in valley		
Min. 58 °F	Vel. 0 m.p.h.	Read. 28.90 in.			
Set 61 °F	Char. Calm	Corr. 28.77 in.			
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 30.20 in.	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Clds. 8 AC 10 AS CS	Clds.	Clds. 9 AS 10 SC
Ppn. Sol. — in.	Snow Depth — in.	Observer MAW	Wx nice	Wx	Wx pleasant
			Vis. 6 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 67
HDD: 0
CDD: 2
ΣHDD: 0
ΣCDD: 117
ΣPCN_l: 2.57"
ΣPCN_S: —

T_{DAVIS}: 61/57 T_W: 60
T_{UNU}: 59/55 T_O: 59

PCN_{TB}: 0
ΣPCN_{TB}: 2.67"

FRIDAY 20 AUGUST 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. E	Temp. 75 °F	-SHRA ~0400-0415 LT ~2100-2130 LT		
Min. *61 °F	Vel. 2 m.p.h.	Read. 28.86 in.			
Set 69 °F	Char. STEADY	Corr. 28.73 in.	*OMT CON 69		
R.H. 84 %	24 hr. Mov. M mi.	Sea L. 30.04 in.	0700 Clds. 10/10 St, Sc	1300 Clds.	1900 Clds. St 10/10
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. +0.5 mb	Wx HZ	Wx	Wx Clom
Ppn. Sol. — in.	Snow Depth — in.	Observer WJS	Vis. 7 mi.	Vis. mi.	Vis. 7-0 mi.

$\bar{T} = 69$

$H_{DD} = 0$

$C_{DD} = 4$

$\Sigma H_{DD} = 0$

$\Sigma C_{DD} = 121$

$\Sigma PCN_L = 2.57''$

$T_{DANS} = 68/66$

$T_{UNV} = 66/63$

$T_W = 66$

$T_D = 64$

$PCN_{DD} = 0.00''$

$\Sigma PCN_{DD} = 2.67''$

Saturday 21 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 70 °F	Dir. NE	Temp. 72 °F	-SHRA 1105 LT - 1530 LT +TSRA 1230 - 1300 - DZ 0500 LT - 0600 LT
Min. 57 °F	Vel. 02 m.p.h.	Read. 28.86 in.	
Set 58 °F	Char. light	Corr. 28.74 in.	fog in valleys.

R.H.	24 hr. Mov.	Sea L.	0700	1300	1900
94 %	M mi.	30.07 in.	Clds. St 10/10	Clds.	Clds. AS 4/10
Ppn. Liq. 0.73 in.	Prev. Dir. M	3 hr. Tend. / 1 mb	Wx grey + fog	Wx	Wx Haze
Ppn. Sol. 0.00 in.	Snow Depth — in.	Observer PLD	Vis. 1 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T}$: 64

H_{DD}: 1

C_{DD}: 0

$\sum H_{DD}$: 1

$\sum C_{DD}$: 121

T_{DAV}: 57/57

T_{WMV}: 57/55

T_W 58

T_D: 57

$\sum PCN_L$: 3.30"

$\sum PCN_S$: 0.00

PCN_{TB}: 0.67

$\sum PCN_{TB}$: 3.34

Sunday 22 August 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 66 °F	Dir. NNE	Temp. 70 °F			
Min. 57 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set 57 °F	Char. calm	Corr. 28.83 in.			
			0700	1300	1900
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 30.26 in.	Clds. 10/10 SC	Clds.	Clds. 8/10 CU AC
Ppn. Liq. 0.01 in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx fog	Wx	Wx mice
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 1/2 mi.	Vis. mi.	Vis. 25 mi.

F: 62
HDD: 3
CDD: 0
ΣHDD 4
ΣCDD: 121
ΣPCN_ℓ: 3.31
ΣPCN_S: 0.00"

T_{DAVIS}: 57/57 T_W: 57
T_{UNIV}: 57/55 T_O: 57

PCN_{TB}: 0
ΣPCN_{TB}: 3.34

Monday 23 August 1999

Meteorological Observatory
University Park, PA
0700 EST

Temp.	Wind	Barom.	General Obs.		
Max. 76 °F	Dir. E	Temp. 72 °F	contrails fog in valley		
Min. 54 °F	Vel. 4 m.p.h.	Read. 29.00 in.			
Set 56 °F	Char. light	Corr. 28.87 in.			
R.H. 100 %	24 hr. Mov. M mi.	Sea L. 30.31 in.	0700	1300	1900
Ppn. Liq. 0 in.	Prev. Dir. M	3 hr. Tend. ✓ +1 mb	Clds. AS 1/10 AC	Clds. 8/10 Ci	Clds. 10/10 Cs
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Wx pleasant	Wx Nice	Wx warm
			Vis. 8 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{T}$: 65
HDD: 0
CDD: 0
ΣHDD: 4
ΣCDD: 121
ΣPCN_ℓ: 3.31
ΣPCN_S: 0.0

T_{DAVIS}: 58/54 T_W: 56
T_{UNV}: 54/52 T_D: 56

PCN_{TB}: 0
ΣPCN_{TB}: 3.34

Tuesday 24 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. 5	Temp. 73 °F			
Min. * 56 °F	Vel. 8 m.p.h.	Read. 28.88 in.			
Set 70 °F	Char. [illegible]	Corr. 28.76 in.	*0v2 70		
R.H. 57 %	24 hr. Mov. M mi.	Sea L. 30.09 in.	0700	1300	1900
Ppn. – Liq. in.	Prev. Dir. M	3 hr. Tend. -.01 mb	Clds. 10/10 St	Clds. 10/10 SC	Clds. 9/10 SC CU AS
Ppn. – Sol. in.	Snow Depth – in.	Observer AOH	Wx Fog	Wx muggy	Wx -DZ
			Vis. 3.5 mi.	Vis. 6 mi.	Vis. 6 mi.

T_{mw} : 61

T_D : 55

T_{mavis} :

T_{mw} :

$\bar{T}$: 69

HDD : 0

CDD : 4

ΣHDD : 4

ΣC_{DD} : 125

ΣPCN_L : 3.31

ΣPCN_S : 0

PCN_{TB} : 0

ΣPCN_{TB} : 3.34

Wednesday 25 August 1999 Meteorological Observatory
0700 EST University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. SSE	Temp. 72 °F	-DZ 1900-1915 LT * THERMOGRAPH -RA ~2030 LT, ~0400 LT		
Min. 68 °F	Vel. 12 m.p.h.	Read. 28.91 in.			
Set 68 °F	Char. steady	Corr. 28.78 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 30.22 in.	Clds. CU SC 9/10 AC AS	Clds. ~~10~~ AS ~~10~~ SC	Clds. 10/10 NS
Ppn. 0.01 Liq. in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx Windy	Wx Hazy	Wx -RA
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. 15 mi.	Vis. 6 mi.

$\bar{T}$: 69
HDD 0
CDD: 4
ΣHDD: 4
ΣCDD: 129
ΣPCN_L: 3.32
ΣPCN_S: 0

T_{UNJ}: 66/61 T_W: 64
T_{DAVIS}: 68/62 T_D: 62

PCN_{TB}: 0.00"
ΣPCN_{TB}: 3.34

Thursday 20 August 1990

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 73 °F	Dir. S	Temp. 72 °F	-SHRA 1455 - 1505 LT
Min. 65 °F	Vel. 3 m.p.h.	Read. 28.72 in.	-RA 1630 - 0215 LT
Set 66 °F	Char. calm	Corr. 28.50 in.	SHRA 0400 LT - 0415 LT

	0700	1300	1900
R.H. 90 %	Clds. St 10/10	Clds. Sc 8/10 Cu	Clds. Ac 1/10 Sc
Ppn. Liq. 0.43 in.	Wx grey foggy	Wx Haze	Wx Fog Haze
Ppn. Sol. — in.	Vis. 15 mi.	Vis. 15 mi.	Vis. 8 mi.

Prev. Dir. M

24 hr. Mov. M mi.

Snow Depth — in.

3 hr. Tend. \ 1 mb

Sea L. 29.90 in.

Observer PLD

$\bar{T}$: 69

H_{DD}: 0

C_{DD}: 4

$\sum H_{DD}$: 4

$\sum C_{DD}$: 136

T_{DAVIS}: 66/65

T_{UNV}: 64/62

T_N: 65

$\bar{T}$: 64

$\sum PCN_L$: 3.75

$\sum PCN_S$: 0.00

PCN_{TB}: 0.39

$\sum PCN_{TB}$: 3.73

Friday 27 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 74 °F	Dir. —	Temp. 72 °F	TSRA 1530 – 1730 LT – TSRA 1805 – 1915 LT – SHRA 2245 – 2300 LT		
Min. 64 °F	Vel. 0 m.p.h.	Read. 28.78 in.			
Set 65 °F	Char. CALM	Corr. 28.85 in.			
			0700	1300	1900
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 29.96 in.	Clds. 6/10 St Cc	Clds. 10/10 Sc Cu	Clds. 8/10 Ac As
Ppn. Liq. 0.41 in.	Prev. Dir. M	3 hr. Tend. / 1.0 mb	Wx Fog	Wx humid	Wx – SHRA Fg
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ARD	Vis. 1.5 mi.	Vis. 6 mi.	Vis. 3.5 mi.

$\bar{T} = 69$

$H_{DD} = 0$

$C_{DD} = 4$

$\Sigma H_{DD} = 4$

$\Sigma C_{DD} = 140$

$T_{DAVIS} = 64/64$

$T_{UNV} = 63/61$

$T_W = 63.5$

$T_D = 63$

$\Sigma PCN_L = 4.16$

$\Sigma PCN_S = 0.0$

$PCN_{TB} = 0.34$

$\Sigma PCN_{TB} = 4.07$

Saturday 28 August 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 73 °F	Dir. W	Temp. 72 °F	SHRA 1430–1540 LT –TSHRA 1615–1700 LT –SHRA 1950–2015 LT		
Min. 61 °F	Vel. 3 m.p.h.	Read. 28.86 in.			
Set 64 °F	Char. LIGHT	Corr. 28.74 in.	0700	1300	1900
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 30.06 in.	Clds. 9/10	Clds.	Clds. Cu 6/10 Cs
Ppn. Liq. 0.03 in.	Prev. Dir. M	3 hr. Tend. +1.0 mb	Wx FG	Wx	Wx warm
Ppn. Sol. 0.0 in.	Snow Depth 0 in.	Observer ARD	Vis. 4 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$: 67

H_{DD}: 0

C_{DD}: 2

ΣH_{DD}: 0

ΣC_{DD}: 142

T_{PAVIS}: 64/63

T_{UNV}: 63/61

T_W: 61.0

T_D: 61

ΣPCN_L: 4.10

ΣPCN_S: 0.0

PCN_{TB}: 0.02

ΣPCN_{TB}: 4.09

Sunday 29 August 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 82 °F	Dir. NNW	Temp. 71 °F	* OVNT LOW 67		
Min. * 64 °F	Vel. 1 m.p.h.	Read. 28.77 in.			
Set 68 °F	Char. light	Corr. 28.65 in.	fog in valleys		
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 29.95 in.	0700 Clds. 0/10	1300 Clds.	1900 Clds. 7/10 Ac
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. 1 1 mb	Wx foggy	Wx	Wx N. rc
Ppn. Sol. 0.00 in.	Snow Depth 0.00 in.	Observer PLO	Vis. 4 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 73

T_{unv}: 68/63

T_{Davis}: 68/60

T_W: 64

T_D: 62

H_{DD}: 0

C_{DD}: 8

$\sum H_{DD}$: 4

$\sum C_{DD}$: 150

$\sum PCN_L$: 4.19

$\sum PCN_S$: 0.00

PCN_{TB}: 0.00

$\sum PCN_{TB}$: 4.09

30 August 1999 Monday

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 78 °F	Dir. ENE	Temp. 71 °F			
Min. 51 °F	Vel. 6 m.p.h.	Read. 29.08 in.			
Set 52 °F	Char. steady	Corr. 28.95 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. M mi.	Sea L. 30.40 in.	Clds. CU 1/10 AC	Clds. CI 2/10 CC	Clds. 0/10
Ppn. Liq. 0 in.	Prev. Dir. M	3 hr. Tend. /+1 mb	Wx pleasant	Wx windy	Wx [illegible]
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 65
HDD: 0
CDD: 0
ΣHDD: 4
ΣCDD: 150
ΣPCN_L: 4.19
ΣPCN_S: 0.00

T_{DAVIS}: 54/47 T_W: 50
T_{UNIV}: 52/45 T_O: 48

PCN_{TB}: 0.00
ΣPCN_{TB}: 4.09

31 August 1939 Thursday

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F		Dir. NE	Temp. 72 °F			
Min. 49 °F		Vel. 2 m.p.h.	Read. 29.17 in.			
Set 51 °F		Char. variable	Corr. 29.15 in.	Fog in valleys		
				0700	1300	1900
R.H. 70 %		24 hr. Mov. M mi.	Sea L. 30.42 in.	Clds. 3/10 Cs	Clds. 3/10 Cu Cl As	Clds. 4/10 Cs Cl
Ppn. — in.	Liq.	Prev. Dir. M	3 hr. Tend. +2 mb	Wx cool	Wx pleasant	Wx beautiful
Ppn. — in.	Sol.	Snow Depth — in.	Observer ADH	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

$\bar{T}$: 61

T_{Davis}: 55/49

t_r: 50

HDD: 4

t_{min}: 50/46

T_0: 45

CDD: 0

ΣHDD: 8

ΣCDD: 150

AUGUST TEMPS

$\bar{T}_{MAX}$ = 79.1 °F

$\bar{T}_{MIN}$ = 59.5

$\bar{T}_{AVG}$ = 69.29

ΣPLNL: 4.19

ΣPLNS: –

PLN$_{T_0}$: 0.00

ΣPLN$_{T_0}$: 4.09