Meteorological Observatory
University Park, PA

Thursday 1 July 1999 0700 EST

Temp.	Wind	Barom.	General Obs.
Max. 81 °F	Dir. S	Temp. 72 °F	-DZ ~0750 LT
Min. * 58 °F	Vel. 4 m.p.h.	Read. 28.86 in.	* OVNT LOW 67
Set 69 °F	Char. light	Corr. 28.74 in.	
R.H. 79 %	24 hr. Mov. M mi.	Sea L. 30.05 in.	
Ppn. T Liq. in.	Prev. Dir. M	3 hr. Tend. ↓ 1 mb	
Ppn. — Sol. in.	Snow Depth — in.	Observer PLD	

0700	1300	1900
Clds. 10/10 As	Clds. 10/10 St	Clds. 9/10 As 1/10 Cu
Wx grey + gloomy	Wx DULL	Wx ominous
Vis. 3 mi.	Vis. 5 mi.	Vis. 4 mi.

H_{DD}: 0

C_{DD}: 5

ΣH_{DD}: 0

ΣC_{DD}: 0

T_{DAVIS}: 68/62

T_{UNIV}: 66/63

T_W: 67

T_D: 66

ΣPCN_L: T

ΣPCN_S: 0.00

PCN_{TB}: 0

ΣPCN_{TB}: 0

Friday 2 July 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 84 °F	Dir. SW	Temp. 74 °F	-SHRA 13:45 LT - 14:45 LT -SHRA 16:30 LT - 16:45 LT
Min. 69 °F	Vel. 10 m.p.h.	Read. 28.85 in.	
Set 73 °F	Char. constant	Corr. 28.72 in.	Cumulus congestus

0700	1300	1900
Clds. 10/10 As	Clds.	Clds. As 5/10 Ac
Wx warm	Wx	Wx Hazy
Vis. 15 mi.	Vis. mi.	Vis. 15 mi.

Ppn. Liq.	Prev. Dir.	3 hr. Tend.	Snow Depth	Sol.
.07 in.	M	+2 mb	- in.	— in.

Observer AOL

$\bar{T}$: 77

H_{DD}: 0

C_{DD}: 12

ΣH_{DD}: 0

ΣC_{DD}: 17

T_{DAVIS}: 73/68

T_{MW}: 72/67

T_W: 69

T_D: 67

ΣPCN_L: 0.02

ΣPCN_S: 0.00

PCN_{TD}: 0.01

ΣPCN_{TD}: 0.01

3 July 1999 Saturday 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 93 °F	Dir. —	Temp. 71 °F	-SHRA 0825-0945 LT
Min. 69 °F	Vel. — m.p.h.	Read. 29.01 in.	
Set 70 °F	Char. calm	Corr. 28.89 in.	
R.H. 80% %	24 hr. Mov. M mi.	Sea L. 30.19 in.	
Ppn. Liq. .02 in.	Prev. Dir. M	3 hr. Tend. F+3 mb	
Ppn. Sol. — in.	Snow Depth ~ in.	Observer AOH	

0700	1300	1900
Clds. 4/10 Cc	Clds.	Clds. Cs 10/10 Cc
Wx Haze	Wx	Wx Haze
Vis. 4 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T}$: 76

H_{00}: 0

C_{00}: 11

ΣH_{00}: 0

ΣC_{0D}: 28

T_{basis}: 77/69

T_{conv}: 72/67

T_w: 70

T_D = 68

ΣPLN_C: 0.04

ΣPLN_S: 0

PLN_{T_D}: 0.01

ΣPLN_{T_D}: 0.02

Sunday 4 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. West	Temp. 72 °F	* RECORD MAX MIN TIED (LAST IN 1976)		
Min. *70 °F	Vel. 3 m.p.h.	Read. 28.98 in.			
Set 79 °F	Char. CONSTANT	Corr. 28.86 in.	* OVNT LOW 72		
			0700	1300	1900
R.H. 80 %	24 hr. Mov. ^ mi.	Sea L. 30.14 in.	Clds. Cs 4/10 Ac	Clds.	Clds. 4/10 Cs
Ppn. — Liq. in.	Prev. Dir. ^	3 hr. Tend. — mb	Wx Haze	Wx	Wx Haze
Ppn. Sol. in.	Snow Depth — in.	Observer AOL	Vis. 4 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T}$: 79

H_{DD} : 0

C_{DD} : 14

ΣH_{DD} : 0

ΣC_{DD} : 42

T_{Davis} : 79/72

T_{unv} : 79/70

T_w : 74

T_D : 72

ΣPCN_L : 0.04

ΣPCN_S : 0

PCN_{T_D} : 0.00

ΣPCN_{T_w} : 0.02

Monday 5 July 1900

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 91 °F	Dir. E	Temp. 72 °F	*RECORD MAX MIN TIED (1949) TIES ALL-TIME MAX MIN!		
Min. 77* °F	Vel. 8 m.p.h.	Read. 28.97 in.			
Set 80 °F	Char. Steady	Corr. 28.84 in.	0700	1300	1900
R.H. 77 %	24 hr. Mov. M mi.	Sea L. ~~29.28~~ 30.28 in.	Clds. 2/10 CU	Clds.	Clds. 0/10
Ppn. 0 in. Liq.	Prev. Dir. M	3 hr. Tend. −0 mb	Wx hazy	Wx	Wx hazy
Ppn. 0 in. Sol.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T}$: 84
HDD: 0
CDD: 19
ΣHDD: 0
ΣCDD: 61
ΣPCN_i: 0.04
ΣPCN_S: 0

T_{DAUIS}: M
T_{UNU}: 79/72

T_W: 74°
T_D: 72°

PCN_{TB}: 0
ΣPCN_{TB}: 0.02

Tuesday 6 July 1949

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 94* °F	Dir. SW	Temp. 72 °F	* Record Max Min old (75 in 1908)
Min. 77* °F	Vel. 9 m.p.h.	Read. 28.88 in.	* Record Max Tied (1911, 1934)
Set 80 °F	Char. Constant	Corr. 28.76 in.	
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.04 in.	
Ppn. Liq. — in.	Prev. Dir. M	3 hr. Tend. —0 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer ADH	

0700	1300	1900
Clds. 3/10 Cc	Clds.	Clds. 10/10 Sc
Wx Haze	Wx	Wx Cloudy
Vis. 4 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 86

H_{DD} : 0

C_{DD} : 21

ΣH_{DD} : 0

ΣC_{DD} : 82

T_{Davis} : 79/72

T_{min} : 81/70

T_w : 73

T_D : 71

ΣPLN_L : 0.04

ΣPLN_S : 0

PCN_{TB} : 0

ΣPLN_{TB} : 0.02

Wednesday 7 July 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. NW	Temp. 70 °F			
Min. 68 °F	Vel. 3 m.p.h.	Read. 28.82 in.			
Set 71 °F	Char. calm	Corr. 28.70 in.	0700	1300	1900
R.H. 73 %	24 hr. Mov. M mi.	Sea L. 29.99 in.	Clds. 0/10	Clds. 1/10 Cu	Clds. 1/10 Sc
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. / 2 mb	Wx wonderful	Wx nice!	Wx peachy
Ppn. Sol. — in.	Snow Depth — in.	Observer DLD	Vis. 10 mi.	Vis. 25 mi.	Vis. 25 mi.

$\bar{T}$: 80

H_{DD} 0

C_{DD} 15

$\sum H_{DD}$ 0

$\sum C_{DD}$: 97

T_{DAVIS}: 70/63

T_{LLNV}: 70/63

T_W 65

T_D 602

$\sum PCN_L$: 0.04

$\sum PCN_S$: 0

PCN_{TB}: 0

$\sum PCN_{TB}$: 0.02

Thursday 8 July 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 84 °F	Dir. WSW	Temp. 74 °F			
Min. 63 °F	Vel. 7 m.p.h.	Read. 28.83 in.			
Set 68 °F	Char. light	Corr. 28.70 in.	0700	1300	1900
R.H. 59 %	24 hr. Mov. M mi.	Sea L. 30.01 in.	Clds. 1/10 Sc	Clds.	Clds. 2/10 Ci
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. / 2 mb	Wx Sunny	Wx	Wx Nice
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 74

T_{DAVIS}: 68/56

$\bar{T}_W$: 60

H_{DD}: 0

T_{LANV}: 66/52

$\bar{T}_D$: 54

C_{DD}: 9

$\sum H_{DD}$: 0

$\sum C_{DD}$: 106

$\sum PCN_L$: 0.04

$\sum PCN_S$: 0.00

PCN_{TB}: 0.00

$\sum PCN_{TB}$: 0.02

Friday 9 July 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. W	Temp. 74 °F			
Min. 61 °F	Vel. 1 m.p.h.	Read. 28.87 in.			
Set 64 °F	Char. calm	Corr. 28.74 in.	0700	1300	1900
R.H. 63 %	24 hr. Mov. M mi.	Sea L. 30.05 in.	Clds. Cs 10/10 Cc	Clds.	Clds. Cs 5/10 As
Ppn. Liq. — in.	Prev. Dir. M	3 hr. Tend. —/+1 mb	Wx OVC	Wx	Wx WASOTTICS
Ppn. Sol. — in.	Snow Depth — in.	Observer ADH	Vis. 25 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$: 71

T_{Dav}: 63/51

T_w: 57

H_{OO}: 0

t_{wv}: 63/52

T_d: 51

C_{OO}: 6

ΣH_{OO}: 0

ΣC_{OO}: 112

ΣPLN_L: 0.04

ΣPLN_S: 0.00

PLN_{T_0}: 0.00

ΣPLN_{T_4}: 0.02

Saturday 10 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 91 °F		Dir. W	Temp. 75 °F	+TSRA 2145 - 2215 LT -RA 2215-0100 LT Funnel cloud - 2150 LT ~1 mile North of Walker Blvd. PEAK GUST 60 mph ~2150 LT		
Min. 64 °F		Vel. 4 m.p.h.	Read. 28.73 in.			
Set 69 °F		Char. Variable	Corr. 28.59 in.	0700	1300	1900
R.H. 60 %		24 hr. Mov. M mi.	Sea L. 29.89 in.	Clds. 1/10 Cs 1S	Clds.	Clds. ~~3~~ 5/10 Ci Cu
Ppn. 0.37 in.	Liq.	Prev. Dir. M	3 hr. Tend. — mb	Wx Nice	Wx	Wx Nice
Ppn. — in.	Sol.	Snow Depth — in.	Observer ADL	Vis. 15 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 78

H_{dd}: 0

L_{dd}: 13

ΣH_{dd}: 0

ΣC_{dd}: 125

T_{Davis}: 69/66

T_{nwr}: 70/64

T_w : 62

T_D : 57

ΣPLN_L: 0.41

ΣPCN_S: 0

$PCNT_S$: 0.37

$\Sigma PLNT_n$: 0.39

Sunday 11 July 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. E	Temp. 73 °F	+RA 1155 – 1240 LT		
Min. 52 °F	Vel. 0 m.p.h.	Read. 29.16 in.			
Set 57 °F	Char. calm	Corr. 29.03 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. M mi.	Sea L. 30.47 in.	Clds. 0/10	Clds.	Clds. 0/10
Ppn. Liq. .29 in.	Prev. Dir. M	3 hr. Tend. /+2 mb	Wx clear	Wx	Wx clear
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

$\bar{T}$: 64

HDD: 1

CDD: 0

ΣHDD: 1

ΣCDD: 125

ΣPCN_L: .70

ΣPCN_S: 0

T_{DAVIS}: 59/49 T_W: 53°

T_{UNU}: 55/52 T_D: 50°

PCN_{TB}: 1.77*

ΣPCN_{TB}: 2.16*

WIND CONTAMINATED

Monday 12 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. ENE	Temp. 73 °F	contrails		
Min. 55 °F	Vel. 4 m.p.h.	Read. 29.14 in.			
Set 57 °F	Char. steady	Corr. 29.01 in.	0700	1300	1900
R.H. 83 %	24 hr. Movl M mi.	Sea L. 30.45 in.	Clds. 9/10 CI	Clds.	Clds. 9/10 Ac ci AS SC
Ppn. 0 Liq. in.	Prev. Dir. M	3 hr. Tend. ✓+1 mb	Wx COOL	Wx	Wx Cloudy COOL ↓
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer MAW	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

F: 65
HDD: 0
CDD: 0
ΣHDD: 1
ΣCDD: 125
ΣPCNL: 0.70
ΣPCNS: 0

T_{DAVIS}: 60/51 T_W: 54°
T_{UNU}: 55/52 T_O: 52°

PCN_{TB}: 0
UNU CONTAMINATED ΣPCNTB: 2.16

Tuesday 13 July 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 75 °F	Dir. E	Temp. 74 °F	-DZ 2000LT-2130LT -RA 2200LT-2245LT		
Min. 57 °F	Vel. 5 m.p.h.	Read. 29.01 in.			
Set 62 °F	Char. light	Corr. 28.88 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. M mi.	Sea L. 30.22 in.	Clds. Sc Ac 7/10	Clds.	Clds. Ns 9/10
Ppn. Liq. 0.07 in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx Pleasant	Wx	Wx -DZ
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	Vis. 20 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 66 T_{DAVIS} : 63/56 T_W : 60

H_{DD} : 0 T_{UNV} : 61/55 T_D : 58

C_{DD} : 1

$\sum H_{DD}$: 1

$\sum C_{DD}$: 126

$\sum PCN_i$: 0.77

$\sum PCN_S$ PCN_{TD} : .06

$\sum PCN_{TD}$ M

Wednesday 14 July 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 77 °F	Dir. SW	Temp. 74 °F			
Min. 60 °F	Vel. 1 m.p.h.	Read. 29.02 in.			
Set 66 °F	Char. Calm	Corr. 28.89 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 30.20 in.	Clds. AC 9/10 SC	Clds.	Clds. 9/10 AC
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. 1 1 mb	Wx comfortable	Wx	Wx grey
Ppn. Sol. — in.	Snow Depth — in.	Observer PLO	Vis. 15 mi.	Vis. mi.	Vis. 20 mi.

$\bar{T}$: 69

T_{DAVIS}: 65/60

T_W: 63

T_{UNV}: 64/57

T_D: 61

H_{DD}: 0

C_{DD}: 4

$\sum H_{DD}$: 1

$\sum C_{DD}$: 130

PCN_{TB}: 0.00

$\sum PCN_{TB}$ M

$\sum PCM_L$: .77

$\sum PCM_S$: 0.00

Thursday 15 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. SW	Temp. 72 °F			
Min. 59 °F	Vel. 2 m.p.h.	Read. 29.01 in.			
Set 63 °F	Char. calm	Corr. 28.88 in.	fog in valleys.		
			0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.21 in.	Clds. 0/10	Clds.	Clds. 1/10 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. /1 mb	Wx gorgeous!	Wx	Wx hazy
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	Vis. 15 mi.	Vis. mi.	Vis. 15 mi.

T: 70

T_{DAVIS} 64/57

T_W: 59

H_{DD} 0

T_{UNIV} 62/55

T_D: 56

C_{DD}: 5

$\sum H_{DD}$: 1

$\sum C_{DD}$: 135

$\sum PCN_L$ 0.77

PCN_{TB}: 0

$\sum PCN_S$: 0

$\sum PCN_{TB}$ M

Friday 16 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 87 °F	Dir. W	Temp. 74 °F			
Min. 63 °F	Vel. 9 m.p.h.	Read. 29.06 in.			
Set 71 °F	Char. CONSTANT	Corr. 28.93 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.23 in.	Clds. 0/10	Clds.	Clds. 10/10 Ls
Ppn. Liq. — in.	Prev. Dir. M	3 hr. Tend. +2 mb	Wx Fog	Wx	Wx Hot
Ppn. Sol. — in.	Snow Depth — in.	Observer ADH	Vis. 2 mi.	Vis. mi.	Vis. 10 mi.

F: 75

T_{Bulb}: 72/63

T_w: 67

H_{DD}: 0

C_{DD}: 10

T_{dew}: 66/61

T_D: 64

ΣH_{DD}: 1

ΣC_{DD}: 145

ΣPLN_L: 0.77

ΣPLN_S: 0

PLN_{TB}: 0

ΣPLN_{TB}: M

Saturday 17 July 1999 — 0700 EST — Meteorological Observatory, University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. –	Temp. 75 °F			
Min. 69 °F	Vel. 0 m.p.h.	Read. 29.08 in.			
Set 71 °F	Char. Calm	Corr. 28.94 in.	0700	1300	1900
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 30.24 in.	Clds. 2/10 Ac	Clds.	Clds. 10/10 SC
Ppn. – Liq. in.	Prev. Dir. M	3 hr. Tend. /+1 mb	Wx Fog	Wx	Wx hazy
Ppn. – Sol. in.	Snow Depth – in.	Observer ADH	Vis. 2 mi.	Vis. mi.	Vis. 6 mi.

T : 81

H_{DD} : 0

C_{DD} : 16

ΣH_{DD} : 1

ΣC_{DD} : 161

T Davis : 73/66

T_{mv} : 70/64

T_w : 67

T_D : 64

ΣPLN_w : 0.77

ΣPLN_S : 0

PLN_{T_D} : 0

ΣPLN_T M

Sunday 18 July 1999
0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. SE	Temp. 75 °F			
Min. 67 °F	Vel. 0 m.p.h.	Read. 29.13 in.			
Set 70 °F	Char. calm	Corr. 28.99 in.	0700	1300	1900
R.H. 87 %	24 hr. Mov. M mi.	Sea L. 30.44 in.	Clds. 7/10 SC	Clds.	Clds. 8/10 SC CU
Ppn. 0 Liq. in.	Prev. Dir. M	3 hr. Tend. / +1 mb	Wx fog	Wx	Wx haze
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer MAW	Vis. 2 mi.	Vis. mi.	Vis. 6 mi.

$\bar{T}$: 80
HDD: 0
CDD: 15
ΣHDD: 1
ΣCDD: 176
ΣPCN_e: 0,77
ΣPCN_S: 0

T_{DAVIS}: 71/66
T_{UNU}: 68/64

T_W: 67
T_D: 66

PCN_{TB}: 0
ΣPCN_{TB}: M

Monday 19 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 92 °F	Dir. SW	Temp. 76 °F			
Min. 70 °F	Vel. 8 m.p.h.	Read. 28.96 in.			
Set 74 °F	Char. Steady	Corr. 28.82 in.	0700	1300	1900
R.H. 78 %	24 hr. Mov. M mi.	Sea L. 30.25 in.	Clds. 8/10 SC	Clds.	Clds. SC 10/10
Ppn. 0 Liq. in.	Prev. Dir. M	3 hr. Tend. −0 mb	Wx fog	Wx	Wx Haze
Ppn. 0 Sol. in.	Snow Depth 0 in.	Observer MAW	Vis. 4 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 81
HDD: 0
CDD: 16
ΣHDD: 1
ΣCDD: 182
ΣPCN_l: 0.77
ΣPCN_s: 0

T_{DAVIS}: 74/68
T_{UNU}: 73/64

T_W: 69
T_O: 67

PCN_{TB}: 0
ΣPCN_{TB}: M

Tuesday 20 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. NE	Temp. 75 °F	-RA 1500 LT +RA 1520 - 1545 LT -bz at obs
Min. 68 °F	Vel. 1 m.p.h.	Read. 28.88 in.	
Set 69 °F	Char. calm	Corr. 28.75 in.	
R.H. 90 %	24 hr. Mov. M mi.	Sea L. 30.06 in.	
Ppn. Liq. .10 in.	Prev. Dir. M	3 hr. Tend. / 3 mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	

0700	1300	1900
Clds. 10/10 Ns St As	Clds.	Clds. 2/10 Cc Cs
Wx -DZ hazy	Wx	Wx sunny
Vis. 7 mi.	Vis. mi.	Vis. 25 mi.

T_{DAVIS} 168/67

T_{UNIV} 166/164

T_D: 1616°

H_{DD} 0

C_{DD} 12

$\sum H_{DD}$ 1

$\sum C_{DD}$ 204

$\sum PCN_L$ 0.87

$\sum PCN_S$ 0.00

PCN_{TD} 0.11

$\sum PCN_{TB}$ M

Wednesday 21 July 1900 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 80 °F	Dir. NE	Temp. 74 °F			
Min. 64 °F	Vel. 2 m.p.h.	Read. 28.95 in.			
Set 66 °F	Char. light	Corr. 28.82 in.	fog in valleys		
			0700	1300	1900
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 30.13 in.	Clds. 9/10 As	Clds.	Clds. 9/10 As
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. / 1 mb	Wx comfortable	Wx	Wx grey
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	Vis. 10 mi.	Vis. mi.	Vis. 4 mi.

$\bar{T}$: 72

T_{DAVIS}: 67/59

T_W: 62

H_{DD}:

T_{UNU}: 64/58

T_D: 60

C_{DD}: 7

$\sum H_{DD}$: 1

$\sum C_{DD}$: 211

$\sum PCN_L$ 0.87

$\sum PCN_S$: –

PCN_{TB} 0

$\sum PCN_{TB}$: M

Thursday 22 July 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. WSW	Temp. 74 °F	RA 2100 - 2300 LT +RA 0300 - 0600 LT -DZ 2300 - 0300 LT fog in valleys		
Min. 66 °F	Vel. 4 m.p.h.	Read. 28.86 in.			
Set 73 °F	Char. light	Corr. 28.73 in.	0700	1300	1900
R.H. 86 %	24 hr. Mov. M mi.	Sea L. 30.02 in.	Clds. 10/10 St	Clds.	Clds. 3/10 Ac Cs
Ppn. Liq. 0.91 in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx foggy	Wx	Wx Misc
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	Vis. 3.5 mi.	Vis. mi.	Vis. 70 mi.

$\bar{T}$: 74

H_{DD}: 0

C_{DD}: 9

$\sum H_{DD}$: 1

$\sum C_{DD}$: 220

T_{DAVIS} 73/71

T_{MMV}: 73/69

T_W: 71

T_D: 70

$\sum PCN_L$: 1.78

$\sum PCN_S$: 0

PCN_{TB}: 0.86

$\sum PCN_{TB}$: M

Friday 23 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 81 °F	Dir. S	Temp. 76 °F	RA 9:15 - 9:45 LT		
Min. 67 °F	Vel. 2 m.p.h.	Read. 28.90 in.			
Set 70 °F	Char. light	Corr. 28.76 in.	0700	1300	1900
R.H. 83 %	24 hr. Mov. ~ mi.	Sea L. 30.06 in.	Clds. 0/10	Clds.	Clds. 3/10 CS
Ppn. Liq. 0.43 in.	Prev. Dir. W	3 hr. Tend. / +1 mb	Wx Fog	Wx	Wx Hot
Ppn. Sol. - in.	Snow Depth - in.	Observer AOH	Vis. 1 to E 10 to W mi.	Vis. mi.	Vis. 20 mi.

T: 74

H_{OD}: 0

C_{OD}: 9

ΣH_{OD}: 1

ΣC_{OD}: 229

T_{Day}: 72/69

T_{Nav}: 70/66

T_w: 69

T_D: 67

ΣPLN_L: 2.21

ΣPLN_S: 0

PLN_{TB}: 0.44

ΣPLN_{TB}: M

Sat Tuesday 24 July 1979

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. SW	Temp. 76 °F	-DZ - 7:50 OB LT		
Min. 70 °F	Vel. 5 m.p.h.	Read. 28.78 in.			
Set 72 °F	Char. variable	Corr. 28.64 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 29.95 in.	Clds. St 9/10 As	Clds.	Clds. CU 3/10 AC
Ppn. T Liq. in.	Prev. Dir. M	3 hr. Tend. ↓ 1 1/2 mb	Wx Fog	Wx	Wx haze
Ppn. — Sol. in.	Snow Depth — in.	Observer ADH	Vis. 10 mi.	Vis. mi.	Vis. 20 mi.

T: 80

H_{DD}: 0

C_{DD}: 15

ΣH_{DD}: 1

ΣC_{DD}: 244

T_{avs}: 77/65

T_{avv}: 72/64

T_w = 64

T_D: 66

ΣPLN_L: 2.21

ΣPLN_S: 0

PLN_{TB}: 0.00

ΣPLN_{TB}: M

25 July 1999 Sunday

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 86 °F	Dir. WNW	Temp. 76 °F	-02 08-815 LT -02 1010-1230 LT		
Min. 69 °F	Vel. 6 m.p.h.	Read. 28.75 in.			
Set 71 °F	Char. steady	Corr. 28.61 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 30.03 in.	Clds. Cu 1/10 Cs	Clds.	Clds. Cu 4/10 Ac As
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. +1 mb	Wx fog	Wx	Wx nice
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 20 mi.

T: 78
HDD: 0
CDD: 13
ΣHDD: 1
ΣCDD: 257
ΣPCN_L: 2.21
ΣPCN_S: 0

T DAVIS: 72/64 T W: 67
T UNV: 72/63 T D: 65

PCN_{TB}: 0
ΣPCN_{TB}: M

26 July 1999 Monday

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. N	Temp. 76 °F	+TSRA 1540-1645 CT fog in valleys		
Min. 65 °F	Vel. 4 m.p.h.	Read. 28.74 in.			
Set 68 °F	Char. Steady	Corr. 28.60 in.	0700	1300	1900
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 30.03 in.	Clds. 1/10 CU	Clds.	Clds. 7/10 AC
Ppn. Liq. 0.15 in.	Prev. Dir. M	3 hr. Tend. -0 mb	Wx pleasant	Wx	Wx Warm
Ppn. Sol. 0 in.	Snow Depth 0 in.	Observer MAW	Vis. 6 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$: 77
HDD: 0
CDD: 12
ΣHDD: 1
ΣCDD: 269
ΣPCN_L: 2.36
ΣPCN_S: 0.

T_{UNIV}: 68/63 T_W: 64
T_{DAVIS}: 69/63 T_D: 62

PCN_{TB}: 0.20
ΣPCN_{TB}: M

Tuesday 27 July 1999 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. SSW	Temp. 74 °F	-0Z 0730 - 0750 LT		
Min. 68 °F	Vel. 7 m.p.h.	Read. 28.78 in.			
Set 71 °F	Char. light	Corr. 28.65 in.			
R.H. 79 %	24 hr. Mov. M mi.	Sea L. 29.94 in.	0700	1300	1900
Ppn. Liq. T in.	Prev. Dir. M	3 hr. Tend. ↓ 1 mb	Clds. 9/10 AS	Clds.	Clds. St 3/10 Sc
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	Wx cool + gray	Wx	Wx warm
			Vis. 20 mi.	Vis. mi.	Vis. 20 mi.

T_N: 66

T_D: 63

T: 77

T_{DAVIS}

T_{UNV}: 69/62

H_{DD}: 0

C_{DD}: 12

$\sum H_{DD}$: 1

$\sum C_{DD}$: 281

$\sum PCN_L$: 2.36

PCN_{TB}: 0

$\sum PCN_S$

$\sum PCN_{TB}$: M

Wednesday 28 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 89 °F	Dir. SW	Temp. 75 °F			
Min. 65 °F	Vel. 4 m.p.h.	Read. 28.80 in.			
Set 69 °F	Char. light	Corr. 28.67 in.	0700	1300	1900
R.H. 79 %	24 hr. Mov. M mi.	Sea L. 29.97 in.	Clds. 8/10	Clds.	Clds. 1/8 St 1/8 Cu
Ppn. Liq. 0.00 in.	Prev. Dir. M	3 hr. Tend. mb	Wx haze	Wx	Wx sunny
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

T: 77

T_{Davis} 71/64

T_{UNV}: 67/60

T_W: 67

T_D: 65

H_{DD}: 0

C_{DD}: 12

$\sum H_{DD}$: 1

$\sum C_{DD}$: 293

$\sum PCN_L$: 2.36

$\sum PCN_S$: –

PCN_{TB}: 0.00

$\sum PCN_{TB}$: M

Thursday 29 July 1999

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.
Max. 85 °F	Dir. SW	Temp. 75 °F	~~PSU~~ KA C330 - 0530 LT
Min. 65 °F	Vel. 1 m.p.h.	Read. 28.62 in.	
Set 66 °F	Char. Calm	Corr. 28.49 in.	
R.H. 81 %	24 hr. Mov. M mi.	Sea L. 29.79 in.	
Ppn. Liq. 0.03 in.	Prev. Dir. M	3 hr. Tend. mb	
Ppn. Sol. — in.	Snow Depth — in.	Observer PLD	

0700	1300	1900
Clds. 1/10 St	Clds.	Clds. Cs 7/10 Cu As
Wx beautiful	Wx	Wx Nice
Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

T_{UNV} 64/58

T_{DAVIS} 68/61

T_W: 63

T_D: 61

$\bar{T}$: 75

H_{DD} 0

C_{DD} 10

$\sum H_{DD}$: 1

$\sum C_{DD}$: 303

$\sum PCN_L$: 2.39

$\sum PCN_S$ –

PCN_{TB}: 0.04

$\sum PCN_{TD}$: M

Friday 30 July 1949 0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 85 °F	Dir. —	Temp. 76 °F	TS ~ 6:15 LT - NE		
Min. 66* °F	Vel. — m.p.h.	Read. 28.57 in.			
Set 73 °F	Char. calm	Corr. 28.44 in.	* OVNT 72		
R.H. 75 %	24 hr. Mov. M mi.	Sea L. 29.72 in.	0700	1300	1900
Ppn. Liq. — in.	Prev. Dir. M	3 hr. Tend. — mb	Clds. 2/10 As	Clds.	Clds. As 3/10 Ci
Ppn. Sol. — in.	Snow Depth — in.	Observer AOH	Wx Fog	Wx	Wx Misc
			Vis. 4E 10W mi.	Vis. mi.	Vis. 20 mi.

F : 76

H_{DD} : 0

C_{DD} : 11

ΣH_{DD} : 1

ΣC_{DD} : 314

T_{max} : 74/64

$T_{max.b}$: 74/66

T_w : 68

T_b = 65

ΣPLN_L : 2.39

ΣPLN_S : –

PCN_{Tg} : 0.00

ΣPCN_{TD} : M

Saturday 31 July 1949

0700 EST

Meteorological Observatory
University Park, PA

Temp.	Wind	Barom.	General Obs.		
Max. 91 °F	Dir. E	Temp. 76 °F			
Min. 68 °F	Vel. 1 m.p.h.	Read. 28.69 in.			
Set 70 °F	Char. light	Corr. 28 56 in.	0700	1300	1900
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 29.81 in.	Clds. 7/10 Ci	Clds.	Clds. AS 10/10
Ppn. Liq. ~ in.	Prev. Dir. M	3 hr. Tend. /13 mb	Wx Fg	Wx	Wx -RA
Ppn. Sol. ~ in.	Snow Depth - in.	Observer AOH	Vis. 4 mi.	Vis. mi.	Vis. 10 mi.

$\bar{T}$: 80

H_{DD}: 1

C_{DD}: 15

ΣH_{DD}: 1

ΣC_{DD}: 329

T_{MAX}: 70/64

T_{MIN}: 72/66

$T_c = 67$

$T_D = 65$

JULY TEMP'S

$\bar{T}_{MAX} = 86.1$

$\bar{T}_{MIN} = 65.5$

$\bar{T} = 75.3$

ΣPCN_c: 2.39

ΣPCN_s: -

PCN_{TD}: 0.00

ΣPCN_{TD}: M