

Monday September 1, 1997 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	Calm	Temp.	70 °F	*amt low 63		
Min.	57 °F	Vel.	— m.p.h.	Read.	28.98 in.			
Set	63 °F	Char.	Calm	Corr.	28.86 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov.	36 mi.	Sea L.	30.17 in.	Clds. St.	Clds. cu	Clds. cu
						10/10	6/10	8/10
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	+2 / mb	Wx Dense Fog	Wx Hazy	Wx Muggy
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Vis. ϕ mi.	Vis. 15 mi.	Vis. 15 mi.

$\bar{T} = 68$
 $C_{20} = 3$
 $\Sigma C_{20} = 3$
 $\Sigma A_{N_6} = 0.00$

$T_{UNY} = 62/62$
 $T_{RAMOS} = 62/53$

$T_w = 64$
 $T_d = 63$

Tuesday 2 September 1997 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	-	Temp.	70 °F			
Min.	61 °F	Vel.	0 m.p.h.	Read.	29.00 in.			
Set	62 °F	Char.	calm	Corr.	28.88 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov.	8 mi.	Sea L.	30.20 in.	Clds. 10/10 X	Clds. Cu 4/10	Clds. Ci 6/10 Ac
Ppn.	0 in.	Prev. Dir.	SW	3 hr. Tend.	+0.3 mb	Wx thick fog	Wx Very Hazy	Wx Hazy Humid
Ppn.	- in.	Snow Depth	- in.	Observer	JMJ	Vis. 0 mi.	Vis. 6 mi.	Vis. 10 mi.

\bar{T} 71

CDD 6

Σ CDD 9

Σ PCN_L 0.00

T_{unv} 63/62

T_{ramos} 59/50

T_w = 62

T_d = 62

Wednesday 3 September 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. NNW	Temp. 69 °F	-SHRA 0245-0310 LT 0425-0480 LT			
Min. 56 °F	Vel. 5 m.p.h.	Read. 28.91 in.	FROPA ~0330 LT			
Set 56 °F	Char. Gusty	Corr. 28.79 in.	0700	1300	1900	
R.H. 72 %	24 hr. Mov. 63 mi.	Sea L ² 30.14 in.	Clds. Se 5/10 Cu	Clds. 5/10 Cu	Clds. 4/10 Cu	
Ppn. Liq. .07" in.	Prev. Dir. W	3 hr. Tend. ✓ 11.7 mb	Wx Fall-like nice vis.	Wx invigorating	Wx spectacular sunset	
Ppn. Sol. — in.	Snow Depth — in.	Observer EMB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 69$$

$$T_{\text{RAMOS}} = 55/40$$

$$T_w = 52$$

$$C_{\text{DD}} = 4$$

$$T_{\text{UNV}} = 57/52$$

$$T_d = 48$$

$$\sum C_{\text{DD}} = 13$$

$$\sum \text{pcn}_L = 0.07$$

Thursday 4 September 1997
0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	65 °F	Dir. WNW	Temp. 68 °F			
Min.	43 °F	Vel. 2 m.p.h.	Read. 28.94 in.			
Set	45 °F	Char. light	Corr. 28.83 in.	0700	1300	1900
R.H.	65 %	24 hr. Mov. 82 mi.	Sea L. 30.20 in.	Clds. 0/10	Clds. 2/10 Cu	Clds. 0/10
Ppn.	0 in.	Prev. Dir. NW	3 hr. Tend. +0.7 mb	Wx brisk	Wx Great Vis. Breezy	Wx calm
Ppn.	- in.	Snow Depth - in.	Observer JMJ	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

1 27
CDD 0
HDD 11
 Σ CDD 13
 Σ HDD 11
 Σ PCNL 0.07

Tramos 46/28
Tuv 46/40

Tw 43
Td 37

Friday 5 September 1997 0700 EST

Meteorological Observatory
University Park, PA

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	67 °F	Dir.	NNE	Temp.	68 °F			
Min.	45 °F	Vel.	3 m.p.h.	Read.	29.28 in.			
Set	46 °F	Char.	light.	Corr.	29.16 in.	0700	1300	1900
R.H.	70 %	24 hr. Mov.	54.6 mi.	Sea L.	30.38 in.	Clds. 1/10 ci	Clds. 1/10 ci <i>emtrails</i>	Clds. 5/10 ci
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	7 +.8 mb	Wx Calm	Wx refreshing	Wx wonderful
Ppn.	- in.	Snow Depth	- in.	Observer	MSK	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.

1 56

COD 0

HOD 9

Σ COD 13

Σ HOD 20

Σ PCNc 0.07

T RAMOS 50/43

T UNV. 48/44

TW 45

TD 38

Saturday 6 September 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	72 °F	Dir.	NE	Temp.	68 °F	XOVRT Low 56 -SHAA ~ 0700 - 0755		
Min.	46 °F	Vel.	5 m.p.h.	Read.	29.02 in.			
Set	57 °F	Char.	light	Corr.	24.90 in.	0700	1300	1900
R.H.	77 %	24 hr. Mov.	39 mi.	Sea L.	30.25 in.	Clds. As 10/10 Ac	Clds.	Clds. As 10/10
Ppn.	T in.	Prev. Dir.	WNW	3 hr. Tend.	+1.7 mb	Wx	Wx	Wx calm, gloomy.
Ppn.	/ in.	Snow Depth	/ in.	Observer	AJD	Vis.	25 mi.	Vis. 25 mi.

\bar{T} 59
CDD 0
HDD 6
 Σ CDD 13
 Σ HDD 26
 Σ PCN_L 0.07

T_{RAMOS} 55/40
T_{UNV} 57/51

T_w 54
T_D 52

Sunday 7 September

1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	77 °F	Dir.	NE	Temp.	68 °F	-02 0805-0810 LT		
Min.	55 °F	Vel.	6 m.p.h.	Read.	29.20 in.			
Set	60 °F	Char.	occasional breeze.	Corr.	29.15 in.			
R.H.	71 %	24 hr. Mov.	39.8 mi.	Sea L.	30.35 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	15.5 mb	Clds. 6/10 Ac As	Clds. 4/10	Clds. 4/10 Ac C
Ppn.	- in.	Snow Depth	- in.	Observer	MSK	Wx. pleasant	Wx.	Wx. Beautiful Co. Waves
				Vis.	25 mi.	Vis.		Vis. 20 mi.

T 66

TRAMOS 60/43

TW 58

COD 1

TUNV 60/55

TD 56

HDD 0

Σ COD 14

Σ HDD 26

Σ PCNL 0.07

MONDAY 8 SEPTEMBER 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. N	Temp. 69 °F			
Min.	60 °F	Vel. 9 m.p.h.	Read. 28.82 in.			
Set	60 °F	Char. LT SE SE	Corr. 28.70 in.			
R.H.	89 %	24 hr. Mov. 21 mi.	Sea L. 30.04 in.	0700	1300	1900
Ppn.	Liq. - in.	Prev. Dir. W	3 hr. Tend. 1.4 mb	Clds. 6/10 SC AS CI Wx CLOUDS OBSC. MINS.	Clds. 10/10 SC AC Wx Dull	Clds. 10/10 SC AC ST Wx AWESOME SUNSET.
Ppn.	Sol. - in.	Snow Depth - in.	Observer EMB	Vis. 4 mi.	Vis. ~25 mi.	Vis. 25 mi.

$$\bar{T} = 68$$

$$C_{20} 3$$

$$H_{20} 0$$

$$\Sigma C_{20} 17$$

$$\Sigma H_{20} 26$$

$$\Sigma PCNL 0.07''$$

$$T_{\text{RMS}} 59/47$$

$$T_{\text{UM}} 59/57$$

$$T_W = 59$$

$$T_D = 57$$

Tuesday September 9, 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	ENE	Temp.	70 °F	SHAPE ~ 0715 LT XXXXXXXXXX		
Min.	59 °F	Vel.	1 m.p.h.	Read.	28.89 in.			
Set	62 °F	Char.	light	Corr.	28.77 in.			
R.H.	86 %	24 hr. Mov.	6 mi.	Sea L.	30.10 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	NE	3 hr. Tend.	+0.8 mb	Clds. Sc 10/10 Ac	Clds. St 10/10	Clds. St. 10/10 Sc
Ppn.	- in.	Snow Depth	- in.	Observer	JMJ	Wx	dull	Wx Gray Drizzle
				Observer	JMJ	Vis.	5 mi.	Wx Humid
						Vis.	2 mi.	Vis. 7 mi.

\bar{T} 65

CDD 0

HDD 0

Σ CDD 17

Σ HDD 26

Σ PCNL 0.07

TRAMOS 61/50

TUNV 62/59

TW 61

TJ 59

WEDNESDAY, 10 SEPTEMBER 1997

Temp.		Wind		Barom.		0700 EST			Meteorological Observatory University Park, PA			
Max.	66 °F	Dir.	E	Temp.	69 °F	General Obs.						
Min.	59 °F	Vel.	14620 m.p.h.	Read.	28.74 in.	-DZ 0830 LT -DZ 1200LT - 1530LT -SHRA 0500 - OBS						
Set	59 °F	Char.	Breezy	Corr.	28.62 in.	0700			1300		1900	
R.H.	90 %	24 hr. Mov.	50.9 mi.	Sea L.	29.95 in.	Clds.	NS	Clds.	SC	Clds.	SC	
Ppn.	0.04" in.	Prev. Dir.	E	3 hr. Tend.	-0.0 mb	10/10		19/10	NS	10/10	NS	
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Wx	Rain/Chill	Wx	bleak	Wx	Light drizzle	
						Vis.	4 mi.	Vis.	7 mi.	Vis.	5 mi.	

\bar{T} 63

$C_{00} = 0$

$H_{00} = 2$

$\Sigma C_{00} = 17$

$\Sigma H_{00} = 28$

$\Sigma p_{00} = 0.11''$

$T_{\text{Amos}} \frac{58}{60} / 47$

$T_{\text{unv}} 60/58$

$T_w 59$

$T_d 58$

Thursday 11, September 1997 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	65 °F	Dir.	-	Temp.	71 °F	-RA 0800-0840 LT OCLL -DZ RA 0840-0900 LT 0700 → OCLL -RA 0900-2200 LT SHRA 2200-0000 LT TSHRA 0000-0200 LT		
Min.	59 °F	Vel.	0 m.p.h.	Read.	28.72 in.			
Set	63 °F	Char.	calm	Corr.	28.60 in.	0700	1300	1900
R.H.	94 %	24 hr. Mov.	20 mi.	Sea L.	29.91 in.	Clds. SC 10/10 ST	Clds. NS 10/10	Clds. AS 9/10 SE
Ppn. Liq.	.66 in.	Prev. Dir.	E	3 hr. Tend.	1+.4 mb	Wx dreary	Wx TSHRA/ FOG	Wx dreary.
Ppn. Sol.	- in.	Snow Depth	- in.	Observer	JMJ	Vis. 6 mi.	Vis. 2 mi.	Vis. 6 mi.

T 62

CDD 0

HDD 3

Σ CDD 17

Σ HDD 31

Σ PCN 10.77"

Tramos 62/51

Tuvn 64/63

Tw 64

Td 63

Friday 12 September 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 67 °F	Dir. SSW	Temp. 68 °F	OCNL -SHRA 1855- 02 1855- +SHRA ~ 1230-1450 SKY BRN 1450 SHRA ~ 1630-1700			
Min. 52 °F	Vel. 1 m.p.h.	Read. 29.04 in.				
Set 54 °F	Char. slight movement	Corr. 28.93 in.	0700	1300	1900	
R.H. 93 %	24 hr. Mov. 3.5 mi.	Sea L. 30.32 in.	Clds. Cu 8/10 Sc	Clds. Cu 5/10 St	Clds. Ci 3/10 Cu	
Ppn. Liq. 0.65 in.	Prev. Dir. S	3 hr. Tend. +2 mb	Wx calm	Wx getting better	Wx nic	
Ppn. Sol. - in.	Snow Depth - in.	Observer	Vis. 6 mi.	Vis. 20+ mi.	Vis. 20 mi.	

\bar{T} 60

C_{DD} 0

H_{DD} 5

ΣC_{DD} 17

ΣH_{DD} 36

Σpen_L 1.42

T_{ramos} 56/44

$T_{UNV.}$ 54/54

T_w 55.1/2

T_d 54.

Saturday, 13 September 1977 0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	70 °F	Dir.	NE	Temp.	* Overnight low of 57			
				69 °F				
Min.	54 °F	Vel.	S m.p.h.	Read.				28.91 in.
Set	59 °F	Char.	light	Corr.	28.77 in.			
R.H.	84 %	24 hr. Mov.	M mi.	Sea L.	30.12 in.	0700	1300	1900
Ppn.	Liq. T in.	Prev. Dir.	SW	3 hr. Tend.	+ .8 mb	Clds. Ac 2/10 cu	Clds. Sc, St P/10 St	Clds. Sc 9/10 St
						Wx pretty	Wx 50-50	Wx Average
Ppn.	Sol. / in.	Snow Depth	/ in.	Observer	AJD	Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.

\bar{T} 62

H_{DD} 3

C_{DD} 0

ΣH_{DD} 39

ΣC_{DD} 17

ΣPCN_L 1.42

T_{RAMOS} 57/45

T_{UNU} 60/57

T_w 59

T_a 57

Sunday 14 September 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. NNE	Temp. 68 °F	SHRA 1500-1530 few sprinkles		
Min.	51 °F	Vel. 2 m.p.h.	Read. 29.10 in.			
Set	55 °F	Char. Slight breeze	Corr. 28.98 in.			
R.H.	87 %	24 hr. Mov. 14 mi.	Sea L. 30.43 in.	0700	1300	1900
Ppn.	Liq. T in.	Prev. Dir. SW	3 hr. Tend. 1 mb	Clds. 3/10 St.	Clds.	Clds. 0/10 sc
Ppn.	Sol. / in.	Snow Depth - in.	Observer MSK	Wx beautiful	Wx	Wx Normal
				Vis. 10 mi.	Vis. mi.	Vis. 25 mi.

\bar{T} 59

H_{DD} 6

C_{DD} 0

ΣH_{DD} 45

ΣC_{DD} 17

$\Sigma PCN_{L.}$ 1:42

TRAMOS 55/44

TUNV.

T_w 57

T_d 55

Monday 15 September 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. —	Temp. 68 °F			
Min.	53 °F	Vel. 0 m.p.h.	Read. 28.95 in.			
Set	55 °F	Char. Calm	Corr. 28.83 in.	0700	1300	1900
R.H.	62 %	24 hr. Mov. 2.8 mi.	Sea L. 30.16 in.	Clds. 4/10 Ce	Clds. 4/10 cu	Clds. 2/10 Ce
Ppn.	— in.	Prev. Dir. W	3 hr. Tend. 1.8 mb	Wx Clear + Crisp	Wx pleasant	Wx Spectacular Sunset
Ppn.	— in.	Snow Depth — in.	Observer EMB	Vis. 10 mi.	Vis. 25 mi.	Vis. 15 mi.

$$\bar{T} = 60$$

$$H_{00} = 5$$

$$\sum H_{00} = 50$$

$$\sum C_{00} = 17$$

$$\sum pen = 1.42''$$

$$T_{UNU} = 54/54$$

$$T_{RAMOS} = 53/42$$

$$T_w = 50$$

$$T_d = 46$$

Tuesday 16 September 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. SW	Temp. 70 °F	Full moon			
Min. 54 °F	Vel. 1 m.p.h.	Read. 28.92 in.				
Set 58 °F	Char. light	Corr. 28.79 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. 12 mi.	Sea L. 30.13 in.	Clds. Ci 9/10	Clds. Cu 5/10	Clds. Ac 3/10	
Ppn. 0 in.	Liq. in.	Prev. Dir. W	3 hr. Tend. +1.0 mb	Wx light fog	Wx heavy	Wx increasing Full moon
Ppn. - in.	Sol. in.	Snow Depth in.	Observer JMJ	Vis. 5 mi.	Vis. 7 mi.	Vis. 7 mi.

T 64

HDD 1

Tuvv 58/55

Tramos 58/45

Tw 59

Td 57

Σ HDD 51

Σ CDD 17

Σ PCN 1.42"

Wednesday 17 September 1977

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	77 °F	Dir.	—	Temp.	70 °F	* DURNGT LOW		
Min.	* 58 °F	Vel.	0 m.p.h.	Read.	28.84 in.			
Set	59 °F	Char.	Calm	Corr.	28.72 in.			
R.H.	100 %	24 hr. Mov.	5.3 mi.	Sea L.	30.05 in.	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	-0.0 mb	Clds.	Clds.	Clds.
						10/10 X	4/10 ST	10/10 ST
Ppn.	— in.	Snow Depth	— in.	Observer	EMB	Wx	Wx	Wx
						Dense Fog	Hazy	misty
				Observer	EMB	Vis.	Vis.	Vis.
						0 mi.	15 mi.	5 mi.

$$\bar{T} = 68$$

$$H_{D0} = 0$$

$$C_{D0} = 3$$

$$\sum H_{D0} = 51$$

$$\sum C_{D0} = 20$$

$$\sum P_{CN} = 1.42''$$

$$T_{RMS} = 57/47$$

$$T_{LOW} = 58/58$$

$$T_{W} = 60$$

$$T_{D} = 60$$

Thursday 18 September 1997 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. SW	Temp. 72 °F	- SHRA 1903 LT → SHRA 1910 LT → 1936 LT			
Min. 58 °F	Vel. 1 m.p.h.	Read. 28.92 in.				
Set 58 °F	Char. light	Corr. 28.79 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. 33 mi.	Sea L. 30.12 in.	Clds. < 9/10	Ci 0/10	Clds. 0/10	Clds. 0/10
Ppn. .07 in.	Liq. in.	Prev. Dir. S	3 hr. Tend. 1 + 1.8 mb	Wx light haze	Wx A perfect 10	Wx nice
Ppn. - in.	Sol. in.	Snow Depth in.	Observer JMJ	Vis - 10 E + 20 SW mi.	Vis. 25 mi.	Vis. 25 mi.

\bar{T} 67

HDD 0

CDD 2

Σ HDD 51

Σ CDD 22

Σ PCW 1.49"

Tramos 58/47

Tuvu 59/57

TW59

TJ 57

Friday 19 September 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. E	Temp. 70 °F			
Min.	51 °F	Vel. 1 m.p.h.	Read. 29.00 in.			
Set	53 °F	Char. occasional breeze	Corr. 28.87 29.00 in.	0700	1300	1900
R.H.	96 %	24 hr. Mov. 8 mi.	Sea L. 30.23 in.	Clds. $\frac{3}{10}$ St Ci	Clds. $\frac{1}{10}$ Ci Cs	Clds. $\frac{1}{10}$ Ci
Ppn.	Liq. in.	Prev. Dir. W	3 hr. Tend. -1.5 mb	Wx beautiful	Wx Spectacular	Wx Lovely
Ppn.	Sol. in.	Snow Depth in.	Observer MSK	Vis. 25 mi.	Vis. 25 mi.	Vis. 20 mi.

\bar{T} 64

T_{UNV} 52/50

$T_w = 56$

HDD 1

T_{RAMOS} 55/41

T_d 53

CDD 0

Σ_{HDD} 52

Σ_{CDD} 22

$\bar{\Sigma}_{PCNL}$ 1.49.

Saturday 20 September 1977

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. NE	Temp. 75 °F	* Overnight loss of 60 scattered -RA 200 LT - 330 LT		
Min.	53* °F	Vel. 13 m.p.h.	Read. 29.72 in.			
Set	60 °F	Char. steady	Corr. 29.58 in.			
R.H.	90 %	24 hr. Mov. 38 mi.	Sea L. 29.88 in.	Clds. St 10% Cu	1300 Clds.	1900 Clds. Sp 7/10 Ni
Ppn. Liq.	0.10 in.	Prev. Dir. SSW	3 hr. Tend. 17.4 mb	Wx gloomy	Wx	Wx not bad.
Ppn. Sol.	/ in.	Snow Depth / in.	Observer AJD	Vis. 15 mi.	Vis. mi.	Vis. 20 mi.

\bar{T} 68

H_{DD} 0

C_{DD} 3

ΣH_{DD} 52

ΣC_{DD} 25

$\Sigma PCNL$ 1.59

T_{RAMOS} 65/59

T_{UNU} 66/63

T_w 66

T_a 65

Sunday 21 September 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	SSE	Temp.	68 °F	-SHRA 1515 - 1523 LT +SHRA 1524 - 1528 LT -SHRA 1529 - 1545 LT COLD FROPA 1525 LT		
Min.	46 °F	Vel.	4 m.p.h.	Read.	29.02 in.			
Set	48 °F	Char. <small>use signal</small>	Stg. breeze	Corr.	28.90 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov.	52 mi.	Sea L.	30.24 in.	Clds.	Se 8 10	Clds.
Ppn.	0.11 in.	Prev. Dir.	NW	3 hr. Tend.	mb	Wx	Not too good.	Clds. CLR Wx CRISP
Ppn.	- in.	Snow Depth	- in.	Observer	MSK	Vis.	25 mi.	Vis. mi. 25 mi.

\bar{T} 60

HDD 4

CDD 0

\sum HDD 56

\sum CDD 25

\sum PCNL 1.70

TRAMOS 44/29

TUNV.

TW 49

TD 46.

Monday 22 September 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 59 °F	Dir. —	Temp. 67 °F	GROUND FOG IN VALLEYS SW-S AT 12Z			
Min. 39 °F	Vel. 0 m.p.h.	Read. 29.13 in.				
Set 41 °F	Char. Calm	Corr. 29.02 in.	0700	1300	1900	
R.H. 85 %	24 hr. Mov. 27.3 mi.	Sea L. 30.42 in.	Clds. Contrails 1/10	Clds. Ci 1/10 Cs	Clds. Cs 9/10	
Ppn. Liq. — in.	Prev. Dir. NW	3 hr. Tend. +1 mb	Wx Brrr	Wx refreshing	Wx Autumn-like	
Ppn. Sol. — in.	Snow Depth — in.	Observer EMB	Vis. 6 but 60 over mt. 25 mi. vis 2 miles	Vis. 25 mi.	Vis. 25 mi.	

$$\bar{T} = 49$$

$$H_{00} = 16$$

$$\sum H_{00} = 72$$

$$\sum C_{00} = 25$$

$$\sum Pen_L = 1.70''$$

$$\bar{T}_w = 40$$

$$\bar{T}_d = 38$$

Tuesday 23 September 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	66 °F	Dir.	SW	Temp.	69 °F	* overnight low 52		
Min.	41* °F	Vel.	1 m.p.h.	Read.	28.88 in.			
Set	53 °F	Char.	light	Corr.	28.76 in.			
R.H.	94 %	24 hr. Mov.	28 mi.	Sea L.	30.12 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	SSW	3 hr. Tend.	+0.4 mb	Clds. 10/10 sc	Clds. 19/10 sc st	Clds. 10/10 sc st
Ppn.	- in.	Snow Depth	- in.	Observer	JMJ	Wx light haze/fog	Wx -SHRA/ breezy	Wx Dark
						Vis. <25 mi.	Vis. 10 mi.	Vis. 10 mi.

T 54

HDD 11

Σ HDD 83

Σ CDD 23

Σ PCN 170

Tramas 52

Tuv 55/49

Tw 53

Td 54

Wednesday 24 September 1997

Meteorological Observatory
University Park, PA

0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 60 °F	Dir. NW	Temp. 67 °F	OCNL -SHEA 830-1200 LT magnificent sunset			
Min. 44 °F	Vel. 7 m.p.h.	Read. 27.05 in.				
Set 45 °F	Char. lt. breeze	Corr. 28.93 in.	0700	1300	1900	
R.H. 73 %	24 hr. Mov. 35.1 mi.	Sea L. 30 32 in.	Clds. 8/10 Ci Cs	Clds. 9/10 Ci Cs	Clds. 4/10 Cs Ci	
Ppn. T in.	Liq. Prev. Dir. W	3 hr. Tend. 1 +2.1 mb	Wx sky dr Dstnt N	Wx autumn- like	Wx pedicel	
Ppn. — in.	Sol. Snow Depth — in.	Observer EMB	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

\bar{T} 52

T_{low} = 43/41

T_w = 45

H_{DD} B

T_{comp} = 43/31

T_d = 41

ΣH_{DD} 96

ΣC_{DD} 25

P_{CN} = Trace

ΣP_{CN} = 1.70"

\bar{T} 50
HDD 15

T_{unv} 43/40
 T_{ramos} 42

T_w 38
 T_d 34

Σ HDD 111

Σ CDD 25

PCN = 0

Σ PCN_i = 1.70

Friday 26 September 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 69 °F	Dir. SSW	Temp. 68 °F	-SHRA 1730-1733 *OVRT LOW 51			
Min. 43* °F	Vel. 2 m.p.h.	Read. 28.82 in.				
Set 54 °F	Char. light wind	Corr. 28.70 in.				
R.H. 96 %	24 hr. Mov. M mi.	Sea L. 30.12 in.	0700 Clds. As 1/10 Sc.	1300 Clds. Ac 5/10 cu	1900 Clds. Ac 1/10	
Ppn. T in.	Liq. in.	Prev. Dir. W	3 hr. Tend. +1 mb	Wx ho-hum	Wx ho-hum again	Wx Agreed
Ppn. - in.	Sol. in.	Snow Depth in.	Observer MSK	Vis. 20 mi.	Vis. 25 mi.	Vis. 20 mi.

\bar{T} 56

TRAMOS 54/39

T_w 57.

HDD 9

T_{UNV} 55/50

T_d ~~53~~

CDD 0

Σ HDD 120

Σ CDD 25

PCN = T

~~PCN~~ 1.70

Saturday 27 September 1997
0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	68 °F	Dir.	SW	Temp.	66 °F	-SHRA 930 LT - 1000 LT		
Min.	41 °F	Vel.	6 m.p.h.	Read.	28.68 in.	-SHRA 10.10 - 1015		
Set	42 °F	Char.	gusty	Corr.	28.58 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov.	22 mi.	Sea L.	28.95 in.	Clds. X	Clds.	Clds. Cu 10 Ac
Ppn.	T in.	Prev. Dir.	WNW	3 hr. Tend.	+ .8 mb	Wx Dense fog	Wx	Wx no-num
Ppn.	/ in.	Snow Depth	/ in.	Observer	AJD	Vis.	Vis.	Vis.
						< .25 mi.	mi.	25 mi.

$\bar{T} = 55$

$H_{DD} = 10$

$C_{DD} = 0$

$\Sigma W_{DD} = 130$

$\Sigma C_{DD} = 25$

ΣPCN_L

$T_{RAMOS} = 40/29$

$T_{UNV} = 42/41$

$T_w = 43$

$T_d = 43$

Sunday 28 September 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. WSW	Temp. 67 °F	* ONT LOW 47		
Min.	42 °F	Vel. 2 m.p.h.	Read. 28.78 in.			
Set	51 °F	Char. light breeze	Corr. 28.66 in.	0700	1300	1900
R.H.	98 %	24 hr. Mov. 11 mi.	Sea L. 30.03 in.	Clds. Cu 10% Ac	Clds.	Clds. 10% Ns
Ppn.	0 in.	Prev. Dir. E	3 hr. Tend. -1 mb	Wx yuckie (overcast)	W	Wx Mod. Rain
Ppn.	- in.	Snow Depth - in.	Observer MSK	Vis. 20 mi.		Vis. 2 mi.

\bar{T} 54

C_{DD} 0

H_{DD} 11

ΣC_{DD} 25

ΣH_{DD} 141

PCN_{L} 0

ΣPCN_{L} 1.70

Tramos 50/38

$T_{unv.}$ ~~50/38~~
47/45

T_w 53

T_d 51.5

Monday 29 September 1997

0700 EST

Meteorological Observatory
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 62 °F	Dir. WNW	Temp. 68 °F	*OUNT LOW 55 ** 1967 DAILY RAINFALL RECORD OF 2.51" Broken					
Min. 50 °F	Vel. 14626 n.p.h.	Read. 28.33 in.	+RA 1915 LT - 0100 LT -RA 0100 LT - 0530 LT, OCCASIONAL -SHRA 0705 - 0715					
Set *55 °F	Char. Gusty	Corr. 28.22 in.	COLD FROPA, PJUMP, 630 - SHRA 0700 0700 1300 1900					
R.H. 80 %	24 hr. Mov. 33 mi.	Sea L. 29.54 in.	Clds. SC 6/10	Clds. CU 2/10	Clds. ST 2/10			
Ppn. Liq. * 2.69 in.	Prev. Dir. W	3 hr. Tend. √ +2.9 mb	Wx Partial Clearing/Windy	Wx - breezy - nice	Wx Starry			
Ppn. Sol. — in.	Snow Depth — in.	Observer EMB	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.			

\bar{T} 56

H_{00} 9

P_{cn} 2.69"

ΣC_{70} 25

ΣH_{00} 130

ΣP_{cn} 4.39

T_{unv} 56/50

$T_w = 53$

T_{RMS} 54/50

$T_d = 50$

Tuesday 30 September 1997 0700 EST Meteorological Observatory University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	69 °F	Dir.	WSW	Temp.	70 °F	* overnight low 57		
Min.	55 * °F	Vel.	3 m.p.h.	Read.	28.29 in.	-SHRA 0850-0855 LT		
Set	57 °F	Char.	steady	Corr.	28.17 in.	-SHRA 1820-1835 LT		
R.H.	67 %	24 hr. Mov.	M mi.	Sea L.	29.48 in.	-SHRA 0500-0700		
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+1.5 mb	Rainbow 1835 LT		
Ppn.	- in.	Snow Depth	- in.	Observer	JMJ	0700	1300	1900
						Clds. Cu 4/10 Ac Sc	Clds. Cu 9/10 Sc Cb	Clds. Sc 7/10
						Wx breezy	Wx -SHRA 0410/E Windy	Wx A winter's chill
						Vis. 25 mi.	Vis. 15 mi.	Vis. 25 mi.
							3 miles East	

\bar{T} 62

HDD 3

PCN T.

Σ CDD 25

Σ HDD 153

Σ PCN 4.39

\bar{T}_{MAX} 70.13° $\bar{T}_{SEP} = 60.50°$

\bar{T}_{MIN} 50.87°

Tuvv 58/47
Tramos 56

T_w 53
 T_d 48