

FRIDAY 01 AUGUST 1997 0700 EST

Temp.		Wind		Barom.		General Obs.		
Max.	83 °F	Dir.	WSW	Temp.	68 °F	*DOUBLE NIGHT LOW 57°F		
Min.	56 °F	Vel.	1-2 m.p.h.	Read.	29.07 in.			
Set	60 °F	Char.	LIGHT	Corr.	28.95 in.	0700	1300	1900
R.H.	48 %	24 hr. Mov.	M mi.	Sea L.	30.29 in.	Clds. Ci 7/10 CS	Clds. CB, CS 7/10 FAN CU 9/10	Clds. ST
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	+0.5 mb	Wx	Wx (NICE)	Wx
Ppn.	- in.	Snow Depth	- in.	Observer	SWH	Vis.	Vis.	Vis.
						25 mi.	25 mi.	25 mi.

1/10

COO 5

ΣCOO 5

ΣHOO 0

ΣPEN 0.00

Trans 61/47

Tonu 59/57

TW 58

Td 53

1997  
 SATURDAY 02 AUGUST 0700 EST

Meteorological Observatory  
 University Park, PA

General Obs.

Temp.		Wind	Barom.		General Obs.		
Max.	84 °F	Dir. SW	Temp.	69 °F			
Min.	59 °F	Vel. 10 m.p.h.	Read.	28.91 in.			
Set	68 °F	Char. STEADY	Corr.	28.89 in.	0700	1300	1900
R.H.	60 %	24 hr. Mov. M mi.	Sea L.	30.21 in.	Clds. ST 9/10 CU 1/10 AL	Clds.	Clds. ST 7/10 CU 10
Ppn.	Liq. 0 in.	Prev. Dir. M	3 hr. Tend.	STEADY mb	Wx <del>annoc</del>	Wx	Wx morbid
Ppn.	Sol. - in.	Snow Depth - in.	Observer	SNH	Vis. 20 mi.	Vis. mi.	Vis. 15 mi.

T 72

C00 7

$\Sigma C00$  12

$\Sigma H00$  0

$\Sigma PCN_c$  0.00

T<sub>trans</sub> 68/49

T<sub>ns</sub> 69/58

T<sub>w</sub> 62

T<sub>d</sub> 56

Sunday August 3, 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	SW	Temp.	76 °F				
Min.	66 °F	Vel.	2 m.p.h.	Read.	28.82 in.				
Set	69 °F	Char.	light	Corr.	28.70 in.	0700	1300	1900	
R.H.	76 %	24 hr. Mov.	M mi.	Sea L.	30.01 in.	Clds. Ac BINOVC	Clds.	Clds. Ci 8/10 Ac St	
Ppn.	0 in.	Prev. Dir.	M	3 hr. Tend.	1 +.5 mb	Wx dull	Wx	Wx Dull	
Ppn.	- in.	Snow Depth	- in.	Observer	JMJ	Vis. 5 mi.	Vis. mi.	Vis. 25 mi.	

T 75  
CDD 10  
 $\Sigma$  CDD 22  
 $\Sigma$  HDD 0  
 $\Sigma$  PCNL 0.00

Tramos 68/54      Tw 66  
Tunv 68/64      Td 63

Monday August 4, 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	82 °F	Dir.	Variable	Temp.	69 °F	Scattered drizzle 330-745 LT		
Min.	65 °F	Vel.	1 m.p.h.	Read.	28.76 in.	745-755 LT + DZ (Obs) 755-815 + RA LT		
Set	65 °F	Char.	light	Corr.	28.64 in.	0700	1300	
R.H.	100 %	24 hr. Mov.	Ni mi.	Sea L.	29.95 in.	Clds. -SHRA 10/10 NS	Clds. CU 9/10 CB	1900 Clds. CU 7/10 AC ST
Ppn.	.04 in.	Prev. Dir.	M	3 hr. Tend.	+0.2 mb	Wx raining	Wx Few Drops	Wx clearing
Ppn.	- in.	Snow Depth	- in.	Observer	JMJ	Vis. 7 mi.	Vis. 20 mi.	Vis. SE 15 25 mi.

T 74  
CDD 9  
 $\Sigma$ CDD 31  
 $\Sigma$ HDD 0  
 $\Sigma$ PCNL 0.04

Tramos 64  
Tunv 04/63

Tw 65  
Td 65



Tuesday 5 August 1977

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	73 °F	Dir.	/	Temp.	68 °F	930 - 1000 LT TSRA ↗ obs-0815 +44 1430 - 1610 LT TSRA		
Min.	56 °F	Vel.	0 m.p.h.	Read.	28.76 in.	1735 - 1750 LT TSRA 1750 - 1815 RA		
Set	59 °F	Char.	calm	Corr.	28.64 in.	Gauge amplified 165 LT -- 1.05"		
R.H.	93 %	24 hr. Mov.	14 mi.	Sea L.	29.97 in.	Clds.	Cu Ac 6/10 -x	Clds. 3/10 Ci
Ppn.	1.28 in.	Prev. Dir.	NW	3 hr. Tend.	-10 mb	Wx	patchy fog	Wx Magnif. cond
Ppn.	/ in.	Snow Depth	/ in.	Observer	AJD	Vis.	~3 mi.	Vis. 25 mi.

$\bar{T}$  65

$C_{DD}$  0

$H_{DD}$  0

$\Sigma C_{DD}$  31

$\Sigma H_{DD}$  0

$\Sigma PCN_L$  1.32

$T_{RAMOS}$  57/46

$T_{UNV}$  59/59

$T_w$  59

$T_d$  58

Wednesday 6 August 1997

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		Dir.	Temp.				SHRA 1325 - 1335 LT		
72	°F	/	69	°F			SHRA 1440 - 1445 LT		
Min.		Vel.	Read.				-DZ 1535 - 1545 LT		
50	°F	0 m.p.h.	28.75 in.				SHRA 1720 - 1730 LT		
Set		Char.	Corr.				Gauge emptied 1600 LT -- 0.01"		
53	°F	calm	28.63 in.			0700	1300	1900	
R.H.		24 hr. Mov.	Sea L.			Clds. -X	Clds. Cu, Tu	Clds.	
83	%	M mi.	29.97 in.			7/10 Ci	6/10 Ci	7/10 Cu	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.			Wx	Wx	Wx	
0.02	in.	M	+1.5 mb			contrails	SHRA w/w	AWSONE	SUNSET
Ppn.	Sol.	Snow Depth	Observer			Vis.	Vis.	Vis.	
/	in.	/ in.	AJD			~10 mi.	25 mi.	25 mi.	

T 61  
C<sub>DD</sub> 0  
H<sub>DD</sub> 4  
E<sub>C<sub>DD</sub></sub> 31  
E<sub>H<sub>DD</sub></sub> 4  
E<sub>PCN<sub>L</sub></sub> 1.34

T RAMOS 55/43  
T<sub>UNV</sub> 52/52

T<sub>w</sub> 51  
T<sub>d</sub> 49

THURSDAY 07 August 1997 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	73 °F	Dir.	-	Temp.	68 °F		
Min.	50 °F	Vel.	0 m.p.h.	Read.	29.06 in.		
Set	51 °F	Char.	Calm	Corr.	28.94 in.		
R.H.	74 %	24 hr. Mov.	15 mi.	Sea L	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	ESE	3 hr. Tend.	Clds. -x CLR	Clds. 2/10 Cu	Clds. CLR
Ppn.	- in.	Snow Depth	- in.	Observer	Wx FOG	Wx A KEEPER!	Wx NICER
				Observer	Vis. 5/8 mi.	Vis. 25 mi.	Vis. 25 mi.

F62

H003

C000

ΣC00 31

ΣH00 7

ΣPCN<sub>2</sub> 1.34

Trans 55/43

Tunn 50/50

T<sub>2</sub> 54

T<sub>2</sub> 51

Friday 8 August 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	76 °F	Dir.	-	Temp.	67 °F		
Min.	51 °F	Vel.	0 m.p.h.	Read.	29.10 in.		
Set	54 °F	Char.	calm	Corr.	28.99 in.		
R.H.	80 %	24 hr. Mov.	11 mi.	Sea L.	0700	1300	1900
				30.33 in.	Clds.	Clds.	Clds.
					0/10	1/10 (mostly cirrus)	0/10
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	Wx	Wx	Wx
				+1.0mb	refreshing	VERY SLIGHT HAZE	peaceful
Ppn.	- in.	Snow Depth	- in.	Observer	Vis.	Vis.	Vis.
				JMJ	25 mi.	25 mi.	25 mi.

$\bar{T}$  64  
HDD 1  
CDD 0  
 $\Sigma$  CDD 31  
 $\Sigma$  HDD 8  
 $\Sigma$  PCNL 1.34

Tramos 54/40  
Tuv M

$T_w$  53  
 $T_d$  51





$$\bar{T} = 67$$

$$C_{20} = 2$$

$$\sum C_{20} = 33$$

$$\sum H_{20} = 8$$

$$\sum PCN_L = 1.34''$$

$$T_{\text{range}} = 59/44 \quad T_w = 56$$

$$T_{\text{UVV}} = 57/54 \quad T_D = 53$$

SUNDAY, 10 AUGUST 1997

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. -		Temp. 68 °F	* OVER LOW 62		
Min. 57* °F	Vcl. 0 m.p.h.		Read. 29.04 in.			
Set 63 °F	Char. CALM		Corr. 28.92 in.	0700	1300	1900
R.H. 84 %	24 hr. Mov. 36 mi.	Sea L. 30.25 in.	Clds. - 3/10 Cc Cumulus	Clds.	Clds. AC 7/10 AS	
Ppn. Liq. 0.00 in.	Prev. Dir. S	3 hr. Tend. +1.5 mb	Wx HAZE	Wx	Wx Bit of HAZE	
Ppn. Sol. - in.	Snow Depth - in.	Observer LJS	Vis. 10 mi.	Vis. mi.	Vis. 10 mi.	

$$\begin{aligned}\bar{T} &= 71 \\ C_{20} &= 6 \\ \sum C_{20} &= 39 \\ \sum m_{20} &= 8 \\ \sum PCN_k &= 1.34\end{aligned}$$

$$\begin{aligned}T_{trans} &= 64/49 & T_w &= 61 \\ T_{uni} &= 63/59 & T_0 &= 58\end{aligned}$$

Monday 11 August 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 85 °F	Dir. -			Temp. 69 °F	*overnight low 65		
Min. 63* °F	Vel. 0 m.p.h.			Read. 28.98 in.			
Set 67 °F	Char. calm			Corr. 28.86 in.			
R.H. 78 %	24 hr. Mov. 41 mi.	Sea L. 30.17 in.	0700		1300	1900	
Ppn. 0 in.	Liq. -	Prev. Dir. SSE	3 hr. Tend. +1.0 mb	Clds. 7/10 ci st cu	Clds. 10/10 ns - z	Clds. 10/10 cn	
Ppn. -	Sol. -	Snow Depth -	Observer JMJ	Wx Hazy dreary	Wx light drizzle	Wx overcast	
				Vis. 10 mi.	Vis. 10 mi.	Vis. 5 mi.	

$\bar{T}$  74  
CDD 9  
 $\Sigma$ CDD 48  
 $\Sigma$ HDD 8  
 $\Sigma$ PCN<sub>L</sub> 1.34

TRAMOS 65/51  
TUNV 68/61

$\bar{T}_w$  63  
 $\bar{T}_d$  60

Tuesday 12 August 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. SW	Temp. 68 °F	13:40-14:15 L+DZ 16:25-16:35 SHRA 17:15-17:35 SHRA		
Min.	62 °F	Vel. 2 m.p.h.	Read. 29.00 in.			
Set	62 °F	Char. light	Corr. 28.88 in.	0700	1300	1900
R.H.	84 %	24 hr. Mov. 37 mi.	Sea L. 30.10 in.	Clds. BINOV 10/10 Ac AS	Clds.	Clds. 10/10
Ppn.	Liq. .18 in.	Prev. Dir. WSW	3 hr. Tend. +1.1 mb	Wx dull	Wx	Wx muggy Drab
Ppn.	Sol. - in.	Snow Depth - in.	Observer JMJ	Vis. 15 mi.	Vis. mi.	Vis. 15 mi.

$\bar{T}$  77  
CDD 7  
 $\Sigma$  CDD 55  
 $\Sigma$  HDD 8  
 $\Sigma$  PCNL 1.52

Tramos 61  
Tuvv 01/60

Tw 60  
Td 58



Wednesday 13 August 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.		
Max.		77 °F	Dir.	SW	Temp.	70 °F	* overnight low 70 Scattered +TSRA 230-330 LT Scattered SHRA, TSRA 400-730 LT
Min.		62* °F	Vel.	3 m.p.h.	Read.	28.75 in.	
Set		70 °F	Char.	steady	Corr.	28.63 in.	
R.H.		92 %	24 hr. Mov.	38 mi.	Sea L.	29.93 in.	
Ppn.	Liq.	.75 in.	Prev. Dir.	S	3 hr. Tend.	-1.0 mb	
Ppn.	Sol.	- in.	Snow Depth	- in.	Observer	JMJ	
					Vis.	3 mi.	
					Vis.	10 mi.	
					Vis.	20 mi.	

0700	1300	1900
Clds. 10/10 NS	Clds. 9/10 SC CU BKN	Clds. 7/10 AC AS
Wx depressing	Wx Mussy	Wx Hazy SUN

T 70  
CDD 5  
 $\Sigma$  CDD 60  
 $\Sigma$  HDD 8  
 $\Sigma$  PCNL 2.27

Tramos 70  
Tuv 70/70

Tw 70  
Td 69

THURSDAY 14 AUGUST 1997 0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.		Wind	Barom.	0830-0945 LT T5RA		
Max.	Dir.	Temp.		1100 GAUGE EMPTIED 0.50" LIQ		
77 °F	-	69 °F		1445 = 1500 T5HRA		
Min.	Vel.	Read.				
61 °F	0 m.p.h.	28.86 in.				
Set	Char.	Corr.		0700	1300	1900
62 °F	Calm	28.74 in.		Clds. AC	Clds.	Clds. Ci
R.H.	24 hr. Mov.	Sea L.		2/10 CU	6/10 CU	5/10 AS
70 %	81 mi.	30.07 in.		Wx Brite	Wx	Wx
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	HAZY	NICE	Tranquil
0.59 in.	SW	+2.5 mb		Vis.	Vis.	Vis.
Ppn.	Sol.	Snow Depth	Observer	20 mi.	20 mi.	25 mi.
0 in.	- in.		SNA			

67

COO 4

ΣCOO 64

ΣHOO 8

ΣPCN<sub>2</sub> 2.68

Trans 64/49

Tunu 63/47

Tu 59

TJ 55

FRIDAY 15 AUGUST 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	75 °F	Dir. -	Temp. 68 °F			
Min.	61 °F	Vel. 0 m.p.h.	Read. 28.72 in.			
Set	62 °F	Char. Calm	Corr. 28.60 in.	0700	1300	1900
R.H.	60 %	24 hr. Mov. 23 mi.	Sea L. 29.91 in.	Clds. AS 19 5f 1/10 Bunkle	Clds.	Clds. Cb 6/10 rcb
Ppn.	0 in.	Prev. Dir. NW	3 hr. Tend. STEADY 0.0 mb	Wx TOUCH -0- gray	Wx	Wx MAESTIC
Ppn.	- in.	Snow Depth -	Observer JNH	Vis. 25 mi.	Vis. mi.	Vis. 15 NORTH 5 SOUTH

$\bar{T}$  68

COO 3

$\Sigma$ COO 67

$\Sigma$ MOO 8

$\Sigma$ PCV<sub>2</sub> 2.86

Trans 6/47

Tons 6/57

Tw 58  
Td 50

SATURDAY 16 August 1997

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.			
Max.	75 °F	Dir.	W	Temp.	* OVERNIGHT LOW 70° 1930-1940 LT + TSRA 0700-0745 LT SHRA			
				68 °F				
Min. *	62 °F	Vel.	10 m.p.h.	Read.				28.78 in.
Set	70 °F	Char.	Breezy	Corr.	28.66 in.	0700	1300	1900
R.H.	87 %	24 hr. Mov.	61 mi.	Sea L.	29.96 in.	Clds. A 9/10 TCU	Clds.	Clds. CS 10/10 TCU
Ppn. Liq.	0.84 in.	Prev. Dir.	SSW	3 hr. Tend.	+2.55 mb	Wx	Wx	Wx Lowering skies
Ppn. Sol.	0 in.	Snow Depth	- in.	Observer	SWH	Vis.	Vis.	Vis.
						10 mi.		mi. 15 mi.

$\bar{T}$  69

COO 4

$\Sigma$ COO 74

$\Sigma$ HOO 8

$\Sigma$ PCN<sub>2</sub> 3.70

T<sub>ONV</sub> 7/1/69

T<sub>RAMOS</sub> 7/1/64

T<sub>w</sub> 71

T<sub>o</sub> 70



SUNDAY 17 AUGUST 1997 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max. 88 °F	Dir. -	Temp. 68 °F	2128 LT → 2208 TSRA				
Min. 65 °F	Vel. 0 m.p.h.	Read. 28.71 in.	FRQT + TSRA FRQT LTCCICCG				
Set 68 °F	Char. Calm	Corr. 28.59 in.	2208-2218 - TSRA 2218-0000 - RA 2301 504V 66045				
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 29.89 in.	0700	1300	1900		
Ppn. Liq. 0.25 in.	Prev. Dir. M	3 hr. Tend. -0.51 mb	Clds. AS 8/10	Clds.	Clds. SC 10/10 NS		
Ppn. Sol. 0 in.	Snow Depth - in.	Observer SWH	Wx Tranquil	Wx	Wx G104		
			Vis. 15 mi.	Vis.	Vis. 15 mi.		

$\bar{T}$  77

COD 12

$\Sigma$ cod 93

$\Sigma$ HdO 8

$\Sigma$ pen<sub>2</sub> 3.95

Tramos 64/57

Tuno 68/66

TW 66

TJ 64

MONDAY 18 August 1997 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max. 79 °F	Dir. N	Temp. 68 °F	1925 SHRA 2130 - 2215 TSEA MOSTLY RA			
Min. 57 °F	Vel. 10 m.p.h.	Read. 28.72 in.	0015 - 0045 SHRA 0045 - 0600 ORCL RA			
Set 58 °F	Char. Breezy	Corr. 28.60 in.	0700	1300	1900	
R.H. 77 %	24 hr. Mov. M mi.	Sea L. 29.92 in.	Clds. CU 10/10 SC AC	Clds. 7/10 Cu	Clds. AC 7/10 Ci	
Ppn. Liq. 0.72 in.	Prev. Dir. M	3 hr. Tend. 43.05 mb	Wx Chilly	Wx BARETT!	Wx Brite	
Ppn. Sol. - in.	Snow Depth - in.	Observer SNH	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

T 68

COO 3

ΣCOO 86

ΣHOO 8

ΣPCN<sub>2</sub> 4.67

Tramos 59/46

TUNU 59/55

Tw 57

Td 54

Tuesday 19 August 1997 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	Dir.	Temp.				
73 °F	SSE	68 °F				
Min.	Vel.	Read.				
54 °F	2-3 m.p.h.	28.97 in.				
Set	Char.	Corr.				
55 °F	LIGHT	28.85 in.	0700	1300	1900	
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds.	
72 %	M mi.	30.20 in.	3/10 AC AS CI	4/10 CA CI	3/10 AC AS CI	
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
0 in.	M		10.9 mb	Chilly	MOIST PLEASANT	DITTO
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
- in.	- in.		SNH	25 mi.	25 mi.	25 mi.

F 64

T<sub>amo</sub> 57/42

T<sub>w</sub> 54

HOD 1

T<sub>anu</sub> 52/51

T<sub>d</sub> 50

Σ C00 86

Σ HOD 9

Σ PCN<sub>2</sub> 4.67

WEDNESDAY 20 August 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	73 °F	Dir.	-	Temp.	* OVERNIGHT LOW 60°		
				68 °F			
Min.	54 * °F	Vel.	0 m.p.h.	Read.			
				28.84 in.			
Set	60 °F	Char.	LIGHT	Corr.	0700	1300	1900
				28.72 in.			
R.H.	70 %	24 hr. Mov.	8 mi.	Sea L.	Clds. SC	Clds.	Clds.
				30.05 in.	10/10 NS	10/10 NS	10/10 SC/NS
Ppn.	Liq. T in.	Prev. Dir.	ESE	3 hr. Tend.	Wx FEW SARCULES	Wx RA	Wx -02 NOUVEAU
				-0.5 mb			
Ppn.	Sol. 0 in.	Snow Depth	- in.	Observer	Vis. 20 mi.	Vis. 6 mi.	Vis. 10 mi.
				SNH			

F 64

T. amos 60/44

T<sub>ω</sub> 58

HOD 1

T<sub>am</sub> 58/55

T<sub>ω</sub> 54

ΣCDD 86

ΣHOD 10

ΣPCW 4.67





THURSDAY 21 August 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. 63 °F	Dir. -	Temp. 68 °F	0700-1000LT <sup>occl</sup> -0.7RA 1000-1030LT -RA 1030-1330 RA 1340 Gauge Empty 0.80 1330-1400 occl RA					
Min. 56 °F	Vel. 0 m.p.h.	Read. 28.62 in.						
Set 57 °F	Char. Calm	Corr. 28.51 in.				0700	1300	1900
R.H. 90 %	24 hr. Mov. 22 mi.	Sea L. 29.84 in.	Clds. SC 10/10 Bunkoc	Clds. 7/10 Tcu, Cu	Clds. 4/10 SC			
Ppn. Liq. 1.13 in.	Prev. Dir. ENE	3 hr. Tend. +0.1 mb	Wx fog	Wx HZ	Wx AUT. mm			
Ppn. Sol. 0 in.	Snow Depth - in.	Observer SNH	Vis. 4 mi.	Vis. 15 mi.	Vis. 20 mi.			

F 60

H00 5

ΣC00 86

ΣH00 15

ΣPCN<sub>2</sub> 5.80

Trans 56/46

Turu 50/59

T<sub>2</sub> 59

T<sub>2</sub> 58

1805 GAUGE Σmet.co  
0.30" lip

FRIDAY 22 AUGUST 1997 0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.		Wind		Barom.		1555-1615 few Sprinkles		
Max.	74 °F	Dir.	-	Temp.	70 °F			
Min.	54 °F	Vel.	0 m.p.h.	Read.	28.67 in.			
Set	57 °F	Char.	Calim	Corr.	28.55 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov.	47 mi.	Sea L.	29.89 in.	Clds. CU 7/10 AC	Clds.	Clds. 10/10 SC
Ppn.	7 in.	Prev. Dir.	SW	3 hr. Tend.	+0.5 mb	Wx	Wx	Wx cool Breezy
Ppn.	0 in.	Snow Depth	- in.	Observer	JNH	Vis.	15 mi.	Vis. 25 mi.

Tono 57/55  
Tono 57/43

TW 58  
TW 54

Sunday 24 August 1997  
0700 EST

Meteorology  
University Park, Pa.  
General Obs.

Temp.		Wind	Barom.	~0800 LT - DZ ~1600 LT - 1615 LT SHRA		
Max.	70 °F	Dir. variable	Temp. 67 °F			
Min.	49 °F	Vel. 2 m.p.h.	Read. 28.98 in.			
Set	53 °F	Char. light	Corr. 28.86 in.	0700	1300	1900
R.H.	83 %	24 hr. Mov. 66 mi.	Sea L. 30.21 in.	Clds. ul10 ci cs	Clds.	Clds. Sc 10/10 AS
Ppn.	.04 in.	Prev. Dir. W	3 hr. Tend. +1.0 mb	Wx average	Wx	Wx gloamy BinoVC
Ppn.	- in.	Snow Depth	Observer JMJ	Vis. 25 mi.	Vis.	Vis. ~25 mi.

HDD 5  
CDD 0  
 $\Sigma$ CDD 86  
 $\Sigma$ HDD 23  
 $\Sigma$ PCNL 5.84

Tramos 51/38  
Tuvv 53/50

TW 53  
Td 51

Monday 25 August 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	71 °F	Dir.	SW	Temp.	68 °F	* ovnt. low 59		
Min.	53* °F	Vel.	1 m.p.h.	Read.	28.91 in.	1735-1745 -DE 0440-0455 -SHRA		
Set	59 °F	Char.	light	Corr.	28.79 in.	0700	1300	1900
R.H.	84 %	24 hr. Mov.	24 mi.	Sea L.	30.12 in.	Clds. Sc 10/10 AS	Clds. Cu 5/10 AC	Clds. Cu 8/10 AC
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	+0.3 mb	Wx grim	Wx getting better	Wx chilly
Ppn.	- in.	Snow Depth	- in.	Observer	JMJ	Vis. ~25 mi.	Vis. 20+ mi.	Vis. 20 mi.

$\bar{T}$  62

HDD 3

CDD 0

$\Sigma$  CDD 86

$\Sigma$  HDD 26

$\Sigma$  PCNL 5.84

Tramos 58/45

Tuvv 59/56

Tw 57

Td 55



Tuesday 26 August 1997

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	71 °F	Dir.	N	Temp.	PATCHY - DE 0400 - 0700		
				68 °F			
Min.	58 °F	Vel.	1 m.p.h.	Read.			
				28.92 in.			
Set	60 °F	Char.	light	Corr.	0700	1300	1900
				28.80 in.			
R.H.	93 %	24 hr. Mov.	15 mi.	Sea L.	Clds.	Clds. Cu 10/10 St	Clds. CS 9/10 CU
				30.13 in.	X		
Ppn.	Liq. T in.	Prev. Dir.	NNE	3 hr. Tend.	Wx	Wx	Wx
				1+.5 mb	foggy	gloomy	HAZE/FOG
Ppn.	Sol. / in.	Snow Depth	/ in.	Observer	Vis.	Vis.	Vis.
				AJD	.25 mi.	20 mi.	8 mi.

$\bar{T}$  65  
 $H_{DD}$  0  
 $C_{DD}$  0  
 $\Sigma C_{DD}$  86  
 $\Sigma H_{DD}$  26  
 $\Sigma PCN_L$  5.84

$T_{RAM}$  54/48  
 $T_{UNV}$  54/68

$T_w$  61  
 $T_d$  60

SATURDAY 23 August 1977 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	68 °F	Dir.	W	Temp.	69 °F		
Min.	57 °F	Vel.	15 m.p.h.	Read.	28.83 in.		
Set	58 °F	Char.	Breezy	Corr.	28.71 in.	0700	1300
R.H.	77 %	24 hr. Mov.	126 mi.	Sea L.	30.05 in.	Clds. NS 10/10 SC	Clds. 2/10 SC
Ppn.	T in.	Prev. Dir.	SW	3 hr. Tend.	12.01 mb	Wx cloudy -DE	Wx restful
Ppn.	0 in.	Snow Depth	- in.	Observer	SNH	Vis. 20 mi.	Vis. 25 mi.

T 63

HOD 2

COD 0

$\Sigma$  COD 86

$\Sigma$  HOD 18

$\Sigma$  PCN<sub>L</sub> 5.80

Tramos 57/42

Tuvu 59/53

T<sub>w</sub> 57

T<sub>d</sub> 54

Wednesday 27 August 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	-	Temp.	69 °F			
Min.	59 °F	Vel.	0 m.p.h.	Read.	28.87 in.			
Set	63 °F	Char.	Calm	Corr.	28.75 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov.	M mi.	Sea L.	30.07 in.	Clds. 1/10 Ac	Clds. 5/10 Cu	Clds. 10/10 AS
Ppn.	0 in.	Prev. Dir.	S	3 hr. Tend.	+0.0 -mb	Wx HAZE / fog	Wx Hazy	Wx Muggy
Ppn.	- in.	Snow Depth	- in.	Observer	SNH	Vis. 2 mi.	Vis. 20 mi.	Vis. 10 mi.

T 67

COO 2

$\Sigma$ COO 88

$\Sigma$ COO 26

$\Sigma$ PCN<sub>c</sub> 5.84

T<sub>trans</sub> 64/52

T<sub>trans</sub> 61/61

T<sub>w</sub> 64

T<sub>w</sub> 62

Thursday 28 August 1997

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. variable	Temp. 70 °F	-SHRA 2030-2115 LT 2130-2200 LT 2230-2245 LT TSRA 2330-0145 LT		
Min.	61 °F	Vel. 1 m.p.h.	Read. 28.68 in.			
Set	62 °F	Char. light	Corr. 28.56 in.			
R.H.	90 %	24 hr. Mov. 46 mi.	Sea L. 29.87 in.	0700 Clds. 2/10 sc	1300 Clds. 3/10 cm	1900 Clds. 3/10 cu
Ppn. Liq.	.66 in.	Prev. Dir. SW	3 hr. Tend. +0.5 mb	Wx Light Fog	Wx Hazy	Wx Calm
Ppn. Sol.	- in.	Snow Depth - in.	Observer JMJ	Vis. 3 mi.	Vis. 10 mi.	Vis. 25 mi.

$\bar{T}$  71

CDD 6

$\Sigma$ CDD 94

$\Sigma$ HDD 26

$\Sigma$ pcNL 6.50

Tramos 61/51

Tuvv 63/62

$T_w$  64

$T_d$  63



Friday 29 August 1997

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. S	Temp. 72 °F			
Min.	57 °F	Vel. 2 m.p.h.	Read. 28.82 in.			
Set	61 °F	Char. light.	Corr. 28.69 in.			
R.H.	70 %	24 hr. Mov. M mi.	Sea L. 30.02 in.	0700 Clds. 1/10 Sc	1300 Clds. 5/10 Cu Sc	1900 Clds. 1/10 Sc
Ppn.	0 in.	Prev. Dir. WNW	3 hr. Tend. + mb	Wx Hazy	Wx tranquil	Wx Light Breeze
Ppn.	— in.	Snow Depth — in.	Observer MSK	Vis. 20 mi.	Vis. 25 mi.	Vis. 25 mi.

$$\bar{T} = 68$$

TRAMOS 62/46

TW 59

$$C_{DD} = 3$$

TUNV. 63/57

TD 55

$$\Sigma C_{DD} \quad 97$$

$$\Sigma H_{DD} \quad 26$$

$$\Sigma PCN. \quad \blacksquare$$

6.50

Saturday 30 August 1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.			
Max.	Dir.	Temp.							
71 °F	ENE	69 °F							
Min.	Vel.	Read.							
53 °F	1 m.p.h.	29.61 in.							
Set	Char.	Corr.							
56 °F	light	29.73 in.	0700	1300	1900				
R.H.	24 hr. Mov.	Sea L.	Clds.	Clds.	Clds. Ci				
90 %	33 mi.	30.08 in.	3/10 X		3/10				
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx			
0.0 in.	NW	/ +2 mb	Patchy Fog			Calm			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.			
/ in.	/ in.	AJD	2 mi.		mi.	25 mi.			

$\bar{T}$  62

$T_{unv}$  52/56

$T_w = 66$

$C_{DD}$  0

$T_{RAMos}$  55/41

$T_a$  65

$H_{DD}$  3

$\Sigma C_{DD}$  97

$\Sigma H_{DD}$  29

$\Sigma PCN_L$  6.50

Sunday 31 August

1997  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max	76 °F	Dir Calm	Temp. 71 °F			
Min.	55 °F	Vel. — m.p.h.	Read. 28.69 in.			
Set	57 °F	Char. Calm.	Corr. 28.56 in.	0700	1300	1900
R.H.	93%	24 hr. Mov. 6.4 mi.	Sea L. 29.88 in.	Clds. 7/10 St.	Clds.	Clds. Cb Cu Ac
Ppn.	Liq. 0 in.	Prev. Dir. (Calm) None	3 hr. Tend. +1 mb	Wx Valley Fog	Wx	Wx HAZY TS North
Ppn.	Sol. — in.	Snow Depth — in.	Observer MSK	Vis. 20 mi.	Vis. mi.	Vis. 5 mi.

$\bar{T}$  66

TUNV 54/54

T<sub>w</sub> 62

COD 1

TRAMOS 56/44

T<sub>d</sub> 60

HOD 0

$\Sigma$  COD 98

$\Sigma$  HOD 29

$\bar{T}_{max} = 76.52$

$\Sigma$  PENL 6:50

$\bar{T}_{min} = 57.32$

$\bar{T}_{AVC} = 66.92$