

Monday, July 1, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	86 °F	Dir.	Caln	Temp.	78 °F								
Min.	69 °F	Vel.	— m.p.h.	Read.	28.81 in.								
Set	71 °F	Char.	—	Corr.	28.67 in.	0700	1300	1900					
R.H.	87 %	24 hr. Mov.	67 mi.	Sea L.	29.97 in.	Clds.	10 ST	Clds.	4/10 Cu	Clds.	Ac 70 Ci		
Ppn.	0 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.3/ mb	Wx	BINOVC Fog	Wx	BIT O'HAZE	Wx	Pretty Ac covering sky		
Ppn.	0 in.	Sol.	0 in.	Snow Depth	0 in.	Observer	GHB	Vis.	2 mi.	Vis.	20 mi.	Vis.	25 mi.

$$\bar{T} = 78$$

$$CDD = 13$$

$$ECDD = 13$$

$$\Sigma PCN = 0$$

$$T_{RAMOS} = 71/70$$

$$T_{UNV} = 73/66$$

$$T_w = 68$$

$$T_D = 67$$

Tuesday, July 2, 1946 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	85 °F	Dir. Calm	Temp. 70 °F			
Min.	62 °F	Vel. — m.p.h.	Read. 28.72 in.			
Set	67 °F	Char. —	Corr. 28.60 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. 51 mi.	Sea L. 29.90 in.	Clds. 3/10 Ac Ci	Clds. Cc 4/10 Cs Cu	Clds. Cu 8/10 AlAs
Ppn.	Liq. 0 in.	Prev. Dir. W	3 hr. Tend. +0.0 mb	Wx Sunny	Wx STILL SUNNY	Wx SUN SETTING
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer GHB	Vis. 15 mi.	Vis. 25 mi.	Vis. 17 mi.

$$\bar{T} = 74$$

$$CDD = 9$$

$$\Sigma CDD = 22$$

$$\Sigma PCN = 0$$

$$T_{RAMOS} = 68/62$$

$$T_{UNV} = 66/57$$

$$T_w = 62$$

$$T_b = 59$$

WEDNESDAY, JULY 3, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	84 °F	Dir.	W-SW	Temp.	72 °F	-TSRA/TSRA)+TSRA 1558-1620LT ALPHA SIZE) 1606-1611LT 1625LT PEN-0.42"		
Min.	60 °F	Vel.	5 m.p.h.	Read.	28.45 in.	-TSRA 1700-1800LT -TSRA/TSRA 1855-1930LT (COVER)		
Set	60 °F	Char.	VARIABLE	Corr.	28.32 in.	0700	1300	1900
R.H.	89 %	24 hr. Mov.	44 mi.	Sea L.	29.63 in.	Clds. Cu 9/10 Cs	Clds. Cu 9/10 Tcu Accs	Clds. Ns 10/10 Sc
Ppn.	0.91 in.	Prev. Dir.	SSW	3 hr. Tend.	-0.1v mb	Wx	Wx STILL COOL	Wx -SARA
Ppn.	- in.	Snow Depth	- in.	Observer	DNS	Vis.	20 mi.	20 mi.
						Vis.	20 mi.	20 mi.

T-72  
C00-7  
E00-29  
EPIN-0.91"

TRAMOS-59/56  
TUNV-60/57

TW-58  
TJ-57

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200LT PIN-0.37" EPIN-0.79"  
-TSRA ~0.30LT

THURSDAY, JULY 4, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 68 °F	Dir. NW	Temp. 68 °F	- RA 1210-1225LT - TSOA 1225-1235LT			
Min. 55 °F	Vel. 5612 m.p.h.	Read. 28.53 in.	OCNL - RA 1730 - 2130LT			
Set 55 °F	Char. CALM AT TIMES	Corr. 28.41 in.	0700	1300	1900	
R.H. 80 %	24 hr. Mov. M mi.	Sea L. 29.74 in.	Clds. 10/10 St	Clds. 10/10 St	Clds. Cu 2/10 Ac C	
Ppn. Liq. 0.01 in.	Prev. Dir. W	3 hr. Tend. +0.5/mb	Wx ALMOST CHILLY	Wx RATHER COOL	Wx WARM SUNSET	
Ppn. Sol. - in.	Snow Depth - in.	Observer DJS	Vis. 25 mi.	Vis. 25 mi.	Vis. 25 mi.	

F-62

A00-3

EAD0-3

EAD0-29

EAD0-0.92"

TRAMOS - 55/50

TUW - 57/50

TW-52

T<sub>d</sub>-49



FRI, JULY 5, 1946

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	WSW	Temp.	67 °F			
Min.	52 °F	Vel.	4 m.p.h.	Read.	28.84 in.			
Set	55 °F	Char.	STEADY	Corr.	28.72 in.			
R.H.	66 %	24 hr. Mov.	75 mi.	Sea L.	30.09 in.	0700	1300	1900
Ppn.	0.00 in.	Prev. Dir.	W	3 hr. Tend.	+2.0 / mb	Clds. Ci 6/10 CONTRASTS	Clds. Ci 5/10	Clds. Ci 1/10
Ppn.	- in.	Snow Depth	- in.	Observer	DDS	Wx MILDLY SUNNY	Wx BREEZY AND MILD	Wx WARM
				Vis.	25 mi.	Vis.	25 mi.	Vis. 25 mi.

F-61

H00-4

Σ H00-7

Σ C00-29

Σ P(N-0.92"

TRAMOS - 55/47

TUNV - 57/45

TW - 49

Td - 44

Saturday, July 6, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.				
Max.	78 °F		Dir.	SW		Temp.	68 °F		*Overnight low = 5.7		
Min.	55* °F		Vel.	4 m.p.h.		Read.	28.89 in.				
Set	57 °F		Char.	Light		Corr.	28.77 in.				
R.H.	72 %		24 hr. Mov.	37 mi.		Sea L.	30.11 in.		0700	1300	1900
									Clds.	Clds.	Clds.
									0/10		2/10 Ci
Ppn.	Liq.	0 in.	Prev. Dir.	WSW		3 hr. Tend.	+0.1 mb		Wx	clear	Wx
										crisp	WARM BRIGHT SUN
Ppn.	Sol.	— in.	Snow Depth	— in.		Observer	GHB		Vis.	15 mi.	Vis.
											20 mi.

$$\bar{T} = 67$$

$$CDD = 2$$

$$\Sigma CDD = 31$$

$$\Sigma HDD = 7$$

$$\Sigma PCN = 0,92$$

$$T_{RAMOS} = 59/52$$

$$T_{UNV} = 59/52$$

$$T_w = 52$$

$$T_D = 48$$



$$\bar{T} = \cancel{70.5} 71$$

$$CDD = 6$$

$$\Sigma CDD = 37$$

$$\Sigma HDD = 7$$

$$\Sigma PCN = .92$$

$$T_{\text{RAMOS}} = 64/57$$

$$T_{\text{UNV}} = 64/56$$

$$T_w = 58^\circ$$

$$T_D = 54.5^\circ$$

Monday, July 8, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.		
Max.	84 °F		Dir.	SSE	Temp.	70 °F	*Overnight low = 68 Thunder 0525-0600 LT	
Min.	63* °F		Vel.	5 m.p.h.	Read.	28.55 in.		
Set	68 °F		Char.	Steady	Corr.	28.43 in.	0700	1155 <del>1500</del>
R.H.	81 %		24 hr. Mov.	40 mi.	Sea L.	29.72 in.	Clds.	3/10 st cu
Ppn.	0 in.		Prev. Dir.	SSW	3 hr. Tend.	-0.3^ mb	Wx	Fog Muggy
Ppn.	— in.		Snow Depth	— in.	Observer	GHB	Vis.	4 mi.
							Vis.	3.5 mi.
								1900
							Clds.	X some cu
							Clds.	5/10 Ac
							Wx	still some Haze
							Vis.	15 mi.

$$\bar{T} = 74$$

$$CDD = 9$$

$$\Sigma CDD = 46$$

$$\Sigma HDD = 7$$

$$\Sigma PCN = 0.92$$

$$T_{RAMOS} = 69/64$$

$$T_{UNW} = 68/61$$

$$T_w = 64$$

$$T_D = 62$$



Tuesday, July 9, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. Calm	Temp. 69 °F			
Min.	63 °F	Vel. — m.p.h.	Read. 28.53 in.			
Set	66 °F	Char. —	Corr. 28.41 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov. 60 mi.	Sea L. 29.71 in.	Clds. 0/10	Clds. 7/10 CU	Clds. Cu 2/10 AL
Ppn.	0 in.	Prev. Dir. SW	3 hr. Tend. +0.9 / mb	Wx Clear Some Haze	Wx OCNL SUN	Wx MTLD BREEZE
Ppn.	— in.	Snow Depth — in.	Observer GHB	Vis. 10 mi.	Vis. 15 mi.	Vis. 25 mi.

$$\bar{T} = 74$$

$$CDD = 9$$

$$\Sigma CDD = 55$$

$$\Sigma HDD = 7$$

$$\Sigma PCN = 0.92''$$

$$T_{RAMOS} = 68/60$$

$$T_{UNV} =$$

$$T_w = 61$$

$$T_D = 58$$

WEDNESDAY, JULY 10, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	80 °F	Dir. WNW-N	Temp. 69 °F			
Min.	54 °F	Vel. 3 m.p.h.	Read. 28.83 in.			
Set	57 °F	Char. VARIABLE	Corr. 28.71 in.	0700	1300	1900
R.H.	67 %	24 hr. Mov. 89 mi.	Sea L. 30.08 in.	Clds. Cu 1/10	Clds.	Clds. Cu 7/10
Ppn.	Liq. 0.00 in.	Prev. Dir. W	3 hr. Tend. +2.1/ mb	Wx BRILLIANT SUN	Wx	Wx BREEZY
Ppn.	Sol. — in.	Snow Depth — in.	Observer DJS	Vis. 20 mi.	Vis. — mi.	Vis. 20 mi.

F-67  
C00-2  
Σ C00-57  
Σ H00-7  
Σ PCN-0.92"

T RAMOS - 58/48  
T UNV - 57/48

T<sub>w</sub> - 51  
T<sub>d</sub> - 56

THURSDAY, JULY 11, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. W-S	Temp. 67 °F			
Min.	49 °F	Vel. 3 m.p.h.	Read. 29.11 in.			
Set	53 °F	Char. VARIABLE	Corr. 28.99 in.	0700	1200 1300	1900
R.H.	71 %	24 hr. Mov. 53 mi.	Sea L. 30.36 in.	Clds. 0/10	Clds. Cu 1/10 Pb cumulus	Clds. Al 3/10 Ci
Ppn.	0.00 in.	Prev. Dir. W	3 hr. Tend. +1.2 / mb	Wx A MELO START	Wx GO ROUNDS!	Wx A MELO FINISH
Ppn.	- in.	Snow Depth - in.	Observer DOS	Vis. 20 mi.	Vis. 25+ mi.	Vis. 25 mi.

F-61  
H00-4  
ΣH00-11  
ΣC00-57  
ΣPCN-0.92"

TRAMOS - 56/48  
TUVV - 55/46

TW-48  
Tj-44

FRIDAY, JULY 12, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. CALM	Temp. 68 °F	* OVERNIGHT LOW - 60		
Min. *	53 °F	Vel. 0 m.p.h.	Read. 29.06 in.			
Set	62 °F	Char. CALM	Corr. 28.94 in.			
R.H.	65 %	24 hr. Mov. M mi.	Sea L. 30.28 in.	0700 Clds. AL 7/10	1300 Clds. AS 10/10 CU	1900 Clds. AS 10/10 AC
Ppn. Liq.	0.00 in.	Prev. Dir. S	3 hr. Tend. +0.3 ✓ mb	Wx TRANQUIL	Wx STILL TRANQUIL	Wx BREEZY
Ppn. Sol.	- in.	Snow Depth - in.	Observer DMS	Vis. 17 mi.	Vis. 17 mi.	Vis. 17 mi.

T-66

CM-1

ΣCAP-58

ΣKDD-11

ΣPCN-0.92"

TRAMOS-64/55

TUNV-59/51

TW-55

TJ-50



SATURDAY, JULY 13, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		76 °F	Dir.	N-NE	Temp.	70 °F	* OVERNIGHT LOW - 65 OCNL FEW DROPS 0000-0800LT * MOUNTAINS ≈ 80% OBLURED		
Min.	*	62 °F	Vel.	9 m.p.h.	Read.	28.70 in.			
Set		65 °F	Char.	KENDA GUSTY	Corr.	28.58 in.	0700	1300	1900
R.H.		90 %	24 hr. Mov.	33 mi.	Sea L.	29.89 in.	Clds. LOW* 10/10 NS	Clds.	Clds. 4 70 ST
Ppn.	Liq.	T in.	Prev. Dir.	ESE	3 hr. Tend.	-1.57 mb	Wx FEW DROPS	Wx	Wx BT humid
Ppn.	Sol.	- in.	Snow Depth	- in.	Observer	005	Vis.	10 mi.	Vis. 7 mi.

T-69  
CDD-4  
ΣCDD-62  
ΣNDD-11  
ΣPCN-0.92"

TRAMOS-64/61  
TUNV-65/60

TW-63  
TJ-62

Sunday, July 14, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.				
Max.	81 °F		Dir.	SSW		Temp.	70 °F			
Min.	64 °F		Vel.	12 m.p.h.		Read.	28.78 in.			
Set	68 °F		Char.	G19		Corr.	28.66 in.			
R.H.	84 %		24 hr. Mov.	27 mi.		Sea L.	29.96 in.			
Ppn.	Liq.	T in.		Prev. Dir.	WNW		3 hr. Tend.	+1.01 mb		
Ppn.	Sol.	— in.		Snow Depth	— in.		Observer	GHB		
								0700	1300	1900
								Clds.	Clds.	Clds. Tcu 8/10 Cu Ci
								Wx	Wx	Wx BREEZY
								Vis.	Vis.	Vis. 17 mi.
								3 mi.	mi.	

Dr. Zue 20800 LT  
Light rain 2020-2045 LT  
OCNE distant thunder  
LTNG/Thunder ~ 0000-0100 LT

$$\bar{T} = 73$$

$$CDD = 8$$

$$\Sigma CDD = 70$$

$$\Sigma HDD = 11$$

$$\Sigma PCN = 0.92$$

$$T_{RAMOS} = 69/63$$

$$T_{UNV} = 70/64$$

$$T_w = 65$$

$$T_D = 63$$

MONDAY 15 JULY 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. —	Temp. 73 °F	1200LT -TS 1530 LT -TS, SHRA		
Min.	67 °F	Vel. — m.p.h.	Read. 28.72 in.			
Set	71 °F	Char. CALM	Corr. 28.60 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov. 28 mi.	Sea L. 29.90 in.	Clds. 10/10 ST	Clds. 10/10 NS	Clds. 5/10 CU
Ppn.	Liq. T in.	Prev. Dir. SSW	3 hr. Tend. -1.0 mb	Wx HAZE STICKY	Wx RAIN	Wx CALM SUNSET
Ppn.	Sol. 0 in.	Snow Depth 0 in.	Observer SNH	Vis. 4 mi.	Vis. 3 mi.	Vis. 25 mi.

$$\bar{T} = 76$$

$$CDD = 11$$

$$\Sigma CDD = 81$$

$$\Sigma H00 = 11$$

$$\Sigma PCN = 0.92$$

Tramos 70/66

T<sub>unv</sub> 71/65

T<sub>u</sub> 70

T<sub>D</sub> 66

TUESDAY 16 JULY 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	73 °F	Dir. SW	Temp. 70 °F	-RA/RA 0850LT-1600		
Min.	62 °F	Vel. 10 m.p.h.	Read. 28.93 in.	OCCL +RA		
Set	65 °F	Char. STEADY	Corr. 28.81 in.	GADP EMPTIED @ 1330LT 1.51"		
R.H.	73 %	24 hr. Mov. 49 mi.	Sea L. 30.12 in.	0700	1300	1900
Ppn.	1.63 in.	Prev. Dir. SSW	3 hr. Tend. +1.5 / mb	Clds. 1/10 Ci	Clds. 5/10 CU	Clds. 6/10 CU Ci
Ppn.	0 in.	Snow Depth 0 in.	Observer SNH	Wx BRILLIANT SUNSHINE	Wx SUNNY & WARM	Wx FOG TSRA TO S-E
				Vis. 20 mi.	Vis. 20 mi.	Vis. 3 mi.

$\bar{Y}$  68  
COO 3  
 $\Sigma COO$  84  
 $\Sigma HOO$  11  
 $\Sigma PCN$  2.55

Tramos 67/57       $T_w$  64  
Tuns 65/57       $T_d$  58





F-71  
COO-6  
ΣCOO-90  
ΣHDD-11  
ΣPCW-2.68"

TRAMOS-63/60  
TUVV-64/57

TW-60  
T-58

THURSDAY, JULY 18, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	78 °F	Dir.	CALM	Temp.	72 °F	* OVERNIGHT LOW - 66		
Min.	63 °F	Vel.	0 m.p.h.	Read.	28.93 in.			
Set	68 °F	Char.	CALM	Corr.	28.80 in.			
R.H.	81 %	24 hr. Mov.	24 mi.	Sea L.	30.12 in.	0700	1300	1900
Ppn.	0.00 in.	Prev. Dir.	W	3 hr. Tend.	-0.1 ^ mb	Clds. As Ac 9/10 ccc	Clds. Ns 10/10	Clds. Sc Cu 10/10 ccc
Ppn.	- in.	Snow Depth	- in.	Observer	DOS	Wx ALMOST DULL	Wx - SNEA	Wx HAZE
				Observer		Vis.	Vis.	Vis.
						17 mi.	7 mi.	5 mi.

F-71

COO-6

ΣCOA-96

ΣHDD-11

ΣPIN-2.68"

TRAMOS-68/64

TUNJ-M/M

Tw-64

TJ-62

FRIDAY, JULY 19, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 73 °F	Dir. SSW	Temp. 71 °F	* MANY RAPID RISES AND FALLS OCNL - SARA 1030-1930LT - / TSRA 0515-0600LT LGT CCLG			
Min. 66 °F	Vel. 7 m.p.h.	Read. 28.59 in.				
Set 66 °F	Char. LIGHT	Corr. 28.47 in.	0700	1300	1900	
R.H. 100 %	24 hr. Mov. 24 mi.	Sea L. 29.77 in.	Clds. <sup>MH-CU</sup> 10/10 Cb AC CS	Clds.	Clds. <sup>Cu</sup> 9/10 AC AS	
Ppn. Liq. 0.89 in.	Prev. Dir. S	3 hr. Tend.* -0.8^ mb	Wx - TSRA	Wx	Wx COOLING WINDS	
Ppn. Sol. - in.	Snow Depth - in.	Observer DOS	Vis. 17 mi.	Vis. mi.	Vis. 20 mi.	

T-70  
C00-5  
ΣC00-101  
ΣN00-11  
ΣPCN-3.57°

TRAMOS-65/63  
TUNV-M/M

Tu-66  
Tj-66

SATURDAY, JULY 20, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	NW-NE		Temp.	69 °F	-TSRA 0800-0830LT		
Min.	56 °F	Vel.	12623 m.p.h.		Read.	28.76 in.	-SNRA 0905LT		
Set	56 °F	Char.	VARIABLE		Corr.	28.64 in.	-TSRA 1130-1200LT		
R.H.	62 %	24 hr. Mov.	92 mi.		Sea L.	29.98 in.	0700	1300	1900
Ppn.	0.03 in.	Prev. Dir.	W		3 hr. Tend.	+1.21 mb	Clds. Sc	Clds.	Clds.
Ppn.	- in.	Snow Depth	-		Observer	DNS	2/10	Wx	Wx
							COOL WINDS	Wx	Sunny
							WARM SUN	Vis.	Vis.
							20 mi.	mi.	25 mi.

T-68  
CDD-3  
ΣCDD-104  
ΣHDD-11  
ΣPLN-3.60"

TRAMOS - 57/46  
TUNV - M/M

TW-50  
TJ-45



SUNDAY 21 JULY 96

0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	Dir.	Temp.		Temp.				
74 °F	N	71 °F						
Min.	Vel.	Read.		Read.				
55 °F	10 m.p.h.	28.85 in.						
Set	Char.	Corr.		0700		1300		1900
58 °F	STEADY	28.73 in.		Clds.		Clds.		Clds.
R.H.	24 hr. Mov.	Sea L.		Clds.		Clds.		Clds.
71 %	M mi.	30.06 in.		CIR				7/10 CS
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.		Wx		Wx	
0 in.		NW	+1.05 mb		SUNSHINE & COOL		CALM	
Ppn.	Sol.	Snow Depth	Observer		Vis.		Vis.	
- in.		- in.	SOH		25 mi.		mi. 25 mi.	

$$\bar{T} = 65$$

$$COD = 0$$

$$\sum COD = 104$$

$$\sum HDO = 11$$

$$\sum PCN_i = 3.60$$

$$T_{ramos} = 57/49$$

$$T_{unu} = 59/50$$

$$T_w = 56$$

$$T_d = 48$$

MONDAY 22 JULY 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	80 °F	Dir.	-	Temp.	0930 LT FEW SPRINKLES		
				70 °F	* QUNT LOW GO		
*Min.	58 °F	Vel.	-	Read.			
			m.p.h.	28.80 in.			
Set	62 °F	Char.	CALM	Corr.	0700	1300	1900
				28.68 in.			
R.H.	74 %	24 hr. Mov.	M mi.	Sea L.	Clds. NS	Clds. SE	Clds. ST
				29.99 in.	10/10 SC	10/10	10/10
Ppn.	T in.	Prev. Dir.	WNW	3 hr. Tend.	Wx	Wx	Wx
				0.0 - mb	SPRINKLES	OCCL - RA	Chilly
Ppn.	- in.	Snow Depth	- in.	Observer	Vis.	Vis.	Vis.
				SNW	25 mi.	25 mi.	25 mi.

3.60 2/27/09

11 7/10/00

108 = 3/00

4 = 2/00

29 = 7

T <sub>0</sub> 53	6/2/10	T <sub>0</sub> 53
T <sub>0</sub> 58	6/2/53	T <sub>0</sub> 58

TUESDAY 23 JULY 96

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max. ** 65 °F	Dir. —	Temp. 68 °F	Obs → -RA (occl)					
Min. 58 °F	Vel. — m.p.h.	Read. 29.77 in.	** Record min max 65°F old record 69° 1992					
Set 60 °F	Char. still	Corr. 28.66 in.	0700	1300	1900			
R.H. 93 %	24 hr. Mov. 5 mi.	Sea L. 29.98 in.	Clds. 10/10 AS RS	Clds. 5/10 Cu	Clds. Cb 0/10 AL			
Ppn. Liq. 0.02 in.	Prev. Dir. ENE	3 hr. Tend. +1.0 mb	Wx Foggy & MISTY	Wx HAZE	Wx RED HAZY SUNSET			
Ppn. Sol. — in.	Snow Depth — in.	Observer SNH	Vis. 1 mi.	Vis. 15 mi.	Vis. 10 mi.			

T 62

HDD 3

ΣCOO 108

ΣHDD 14

ΣPCW<sub>L</sub> 3.62

Tramas 59/58

Tuni 60/55

Tau 60

Id 58

WEDNESDAY, JULY 24, 1996

0700 EST

Meteorological Observatory  
University Park, PA

General Obs.

Temp.		Wind		Barom.		* OVERNIGHT LOW - 63		
Max.	79 °F	Dir.	SSW	Temp.	70 °F	- DZ 0800LT		
Min.	60 °F	Vel.	7 m.p.h.	Read.	28.82 in.	- SNRA 1925-1940LT		
Set	63 °F	Char.	LIGHT	Corr.	28.70 in.	0700	1300	1900
R.H.	90 %	24 hr. Mov.	27 mi.	Sea L.	30.02 in.	Clds.	10/10 St	Clds. Tcu 7/10 Tcu 4/10 AL Ci
Ppn.	0.12 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.1/ mb	Wx	HAZE	Wx HAZE Wx ANOTHER AABY RED SUNSET
Ppn.	- in.	Snow Depth	- in.	Observer	DDS	Vis.	6 mi.	Vis. 10 mi. 10 mi.

CD-5  
ΣCD-113  
ΣAD-14  
ΣPCN-3.74"

TRAMOS-64/60  
TUNN-65/59

TW-61  
TD-60



THURSDAY, JULY 25, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind	Barom.	General Obs.			
Max.	82 °F		Dir.	CALM	Temp.	70 °F		* OVERNIGHT LOW - 65
Min.	63* °F		Vel.	0 m.p.h.	Read.	28.79 in.		
Set	67 °F		Char.	CALM	Corr.	28.67 in.		
R.H.	75 %		24 hr. Mov.	M mi.	Sea L.	29.98 in.		
Ppn.	Liq.	0.00 in.		Prev. Dir.	S	3 hr. Tend.	+0.45 mb	
Ppn.	Sol.	- in.		Snow Depth	- in.	Observer	DAS	
						0700	1300	1900
						Clds. Cu	Clds. Cu	Clds. Cu
						5/10 AL	7/10 Cu	10/10 ST
						Wx	Wx	Wx
						HAZE	HAZE	FOG
						Vis.	Vis.	Vis.
						10 mi.	12 mi.	3 mi.

1-13  
CDD-8  
ZCDD-121  
ΣNDN-14  
ΣPCN-3.74"

T Ramos - 69/61  
TUVU - M/M

Tw-62  
TJ-59

FRIDAY, JULY 26, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	81 °F	Dir.	W	Temp.	70 °F	SNRA 1400-1425 LT -1 TSRA 1605-1700LT LGCELG -1 TSRA 1720-1755LT		
Min.	64 °F	Vel.	6 m.p.h.	Read.	28.80 in.			
Set	64 °F	Char.	LIGHT	Corr.	28.68 in.	0700	1300	1900
R.H.	81 %	24 hr. Mov.	22 mi.	Sea L.	30.00 in.	Clds. Cu to SE 5/10 CI to NW	Clds. Cu 5/10 Tcu CL	Clds. Ac 5/10 Cb
Ppn.	0.44 in.	Prev. Dir.	S	3 hr. Tend.	+1.5/ mb	Wx FDG to SE HABE to NW	Wx SUNNY	Wx CLEARING
Ppn.	- in.	Snow Depth	- in.	Observer	DAS	Vis. 2 to SE 10 to NW mi.	Vis. 20 mi.	Vis. 25 mi.

F-73  
COD-8  
ΣCOD-129  
ΣHDD-14  
ΣPCN-4.18"

TRAMOS-65/60  
TUNN-66/60

TW-60  
TJ-58

SATURDAY, JULY 27, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. WSW	Temp. 68 °F		-SMDA 1255LT -SMDA 1355LT		
Min. 56 °F	Vel. 4 m.p.h.	Read. 28.98 in.				
Set 59 °F	Char. LIGHT	Corr. 28.86 in.		0700	1300	1900
R.H. 78 %	24 hr. Mov. M mi.	Sea L. 30.20 in.	Clds. SC 7/10 CONTRASTS	Clds.	Clds. 4/10CU	
Ppn. T in.	Liq. Prev. Dir. W	3 hr. Tend. +1.8/mb	Wx A BIT COOL	Wx	Wx Peaceful Sunset	
Ppn. - in.	Sol. Snow Depth - in.	Observer DAS	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.	

T-67  
COO-2  
ΣCOO-131  
ΣHOO-14  
ΣPCN-4.18"

Teams-59/53  
JUNU-60/52

TW-55  
TJ-52

SUNDAY 28 JULY 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	72 °F	Dir.	-	Temp.	68 °F		
Min.	52 °F	Vel.	- m.p.h.	Read.	29.11 in.		
Set	56 °F	Char.	still	Corr.	29.00 in.		
R.H.	89 %	24 hr. Mov.	21 mi.	Sea L.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	WNW	3 hr. Tend.	Clds. c. 1/2 contr.	Clds.	Clds. ci 8/10 57
Ppn.	- in.	Snow Depth	- in.	Observer	Wx sun & Fog All quads	Wx	Wx Wonderful Sunset
				Observer	Vis.	Vis.	Vis.
				SWH	1/2 mi.	mi.	25 mi.

$\bar{T}$  62

$T_{trans}$  57/53

$T_w$  57

$H_{00}$  3

$T_{uni}$  54/50

$T_w$  53

$\Sigma H_{00}$  17

$\Sigma C_{00}$  131

$\Sigma PCN_2$  4.18



MONDAY 29 JULY 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	78 °F	Dir. /	Temp. 68 °F	2330LT - 0230LT - RA 050530 - 005 - RA OCCURRA		
Min.	55 °F	Vel. / m.p.h.	Read. 27.06 in.			
Set	62 °F	Char. Calm	Corr. 28.95 in.	0700	1300	1900
R.H.	95 %	24 hr. Mov. 8 mi.	Sea L. 30.28 in.	Clds. NS 10/10 X	Clds. 10/10 St	Clds. CS 10/10 ST AC
Ppn. Liq.	0.77 in.	Prev. Dir. S	3 hr. Tend. 0.0 - mb	Wx SPRINKLES FOG	Wx HAZE	Wx Calm
Ppn. Sol.	- in.	Snow Depth - in.	Observer SNH	Vis. 1/2 mi.	Vis. 12 mi.	Vis. 20 mi.

T 67

Trams 61/59

Tu 62

COO 2

Tunu 62/58

Td 61

ΣCOO 133

ΣHOO 17

ΣPCP 4.95

TUESDAY 30 JULY 1996

0700 EST

Temp.			Wind	Barom.	General Obs.			
Max.	71 °F	Dir.	✓	Temp.	0800LT - 0900LT DRIZZLE			
Min.	61 °F	Vel.	— m.p.h.	Read.	NOON00LT - 0320LT RA - w/occl RA			
Set	63 °F	Char.	Calum	Corr.	28.82 in.	0700	1300	1900
R.H.	85 %	24 hr. Mov.	32 mi.	Sea L.	30.15 in.	Clds. NS 10/10 ST	Clds. SC 10/10 SC 11/10 BKN	Clds. Cb 9/10 SC AL
Ppn.	0.30 in.	Prev. Dir.	SE	3 hr. Tend.	+0.0—mb	Wx	Chilly	SOME HAZE
Ppn.	— in.	Snow Depth	— in.	Observer	SNH	Vis.	15 mi.	15 mi.
						Vis.	15 mi.	10 mi.

T 66  
COD 1  
E COD 134  
Σ ADD 17

Trames 63/60  
Tonn 64/59

Tw 63  
Td 59

ERK 5.25

WEDNESDAY, JULY 31, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 74 °F	Dir. W	Temp. 70 °F	* OVERNIGHT LOW - 65			
Min. * 63 °F	Vel. 7 m.p.h.	Read. 28.82 in.	- SHRA 1555 LT			
Set 65 °F	Char. LIGHT	Corr. 28.70 in.	- TSRA 1811-1830 LT			
R.H. 93 %	24 hr. Mov. M mi.	Sea L. 30.02 in.	0700	1300	1900	
Ppn. Liq. 0.13 in.	Prev. Dir. SE	3 hr. Tend. +0.1V mb	Clds. 10/10 St	Clds. 10/10 St	Clds. Sc, Tcu 10/10 & Cs	
Ppn. Sol. - in.	Snow Depth - in.	Observer DAS	Wx WEATHER MILD	Wx STILL MILD	Wx MILD YET	Vis. 20 mi.
			Vis. 20 mi.	Vis. 20 mi.	Vis. 20 mi.	

$\bar{T} - 69$   
COD-4  
 $\Sigma$  COD-138  
 $\Sigma$  MAD-17  
 $\Sigma$  PCN-5.38"

TRAMOS-64/62  
TUNU-65/61

$T_w - 64$   
 $T_d - 63$

$$\bar{T}_{max} = 77.8$$

$$\bar{T}_{min} = 59.3$$

$$\bar{T}_{JULY} = 68.53$$