

JUNE 1, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	84 °F	Dir. SW	Temp. 68°F			
Min.	57 °F	Vel. 6 m.p.h.	Read. 28.84"			
Set	62 °F	Char. LIGHT	Corr. 28.73"			
R. H.	80 %	24 hr. Mov. 202	Sea L. 30.06"	0700 Clds. 1/10 ALTOCU	1300 Clds. 83	1900 Clds.
Ppn. Liq.	.06 in.	Prev. Dir. SW	3 hr. Tend. STEADY	Wx SUNNY	Wx 57	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer MJM	Vis. 10 MI.	Vis. 61	Vis. 62



JUNE 2 1980

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind	Barom.	SCUD ON RDGS. FEW BREAKS NW. WIND G ~ 50 MPH ~ 18:45 EDT		
Max.	84° F	Dir. SW	Temp. 68°			
Min.	64° F	Vel. 13 m.p.h.	Read. 28.68"			
Set	66° F	Char. STEADY	Corr. 28.56			
R. H.	84 %	24 hr. Mov. 29.7 KM 201.1 mi	Sea L. 29.86	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Clds. 9/10	Clds.	Clds.
0.11 in.		SW	-0.3 \	ALTOSTRATUS	83°	
Ppn.	Sol.	Snow Depth	Observer	Wx	Wx	Wx
— in.	— in.	— in.	YB	CLOUDY	65°	
				Vis.	Vis.	Vis.
				20 mi.	66°	67°

$T_d = 61^\circ$



JUNE 3, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	78° F	Dir. WSW	Temp. 68°	OCNL RW-		
Min.	66° F	Vel. 08 m.p.h.	Read. 28.68"			
Set	70° F	Char. STEADY	Corr. 28.56"	0700	1300	1900
R. H.	82 %	24 hr. Mov. 303.1 Km 184.9 M	Sea L. 29.86"	Clds. 10/10 STRATUS	Clds. 79°	Clds.
Ppn. Liq.	.02 in.	Prev. Dir. SW	3 hr. Tend. +1.0 /	Wx CLOUDY	Wx 65°	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer B	Vis. 7 MILES	Vis. 70°	Vis. 71°

$Td = 64^\circ$



JUNE 4, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	80° F	Dir. NW	Temp. 67°	TRW - 2 1300 EDT JUN 3		
Min.	54° F	Vel. 06 m.p.h.	Read. 28.90"			
Set	60° F	Char. STEADY	Corr. 28.79"			
R. H.	69%	24 hr. Mov. 361.7 Km 220.6 mi	Sea L. 30.12"	0700 Clds 4/10 Cumulus	1300 Clds. 80°	1900 Clds.
Ppn.	Liq. .10 in.	Prev. Dir. W	3 hr. Tend. +1.5 /	Wx P. Sunny	Wx 54°	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer B	Vis. 20 mi.	Vis. 58°	Vis. 58°

$Td = 50$





JUNE 5, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	73° F	Dir.	N	Temp.	66°	THN CI ALQDS HALO DMLY VSBL AROUND SUN.		
Min.	47° F	Vel.	02 m.p.h.	Read.	29.02"			
Set	53° F	Char.	LIGHT	Corr.	28.91"			
R. H.	66 %	24 hr. Mov.	265.5 Km 161.9 mi	Sea L.	30.27"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	NW	3 hr. Tend.	+1.3/	Clds. 5/10	Clds. 75°	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	B	Wx	Wx	Wx
						SUNNY	43°	
						Vis.	Vis.	Vis.
						25 mi.	50°	53°

$T_d = 42^\circ$



JUNE 6, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76° F	Dir. SSE	Temp. 66°	OCNL SPRNKL BRKS IN CLDS SW-NW HIER CLDS VSBL SUN OCNLY DMPLY VSBL		
Min.	53° F	Vel. 01 m.p.h.	Read. 28.91"			
Set	55° F	Char. LT. & VARIABLE	Corr. 28.80"			
R. H.	62 %	24 hr. Mov. 132.8 Km 81.0 ml	Sea L. 30.15"	0700 Clds. 9/10 STRATOCU.	1300 Clds. 78°	1900 Clds.
Ppn. Liq.	T. in.	Prev. Dir. NORTH	3 hr. Tend. +0.2 f	Wx M. CLOUDY	Wx 51°	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer B	Vis. 25 MILES	Vis. 55°	Vis. 56°

$T_d = 42^\circ$

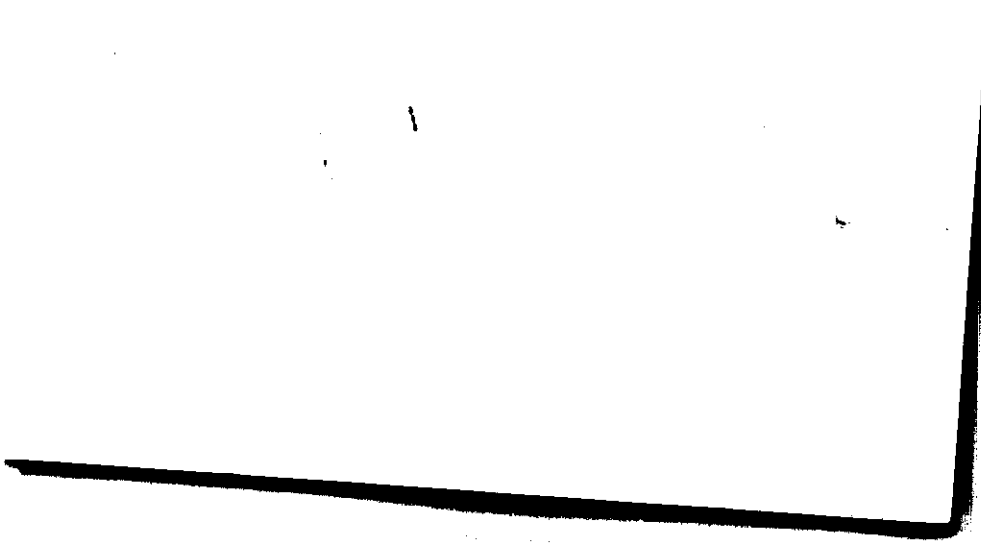
JUNE 7, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.	General Obs.		
Max.	72° °F	Dir.	WEST	Temp.	CI SW		
Min.	55° °F	Vel.	06 m.p.h.	Read.	28.76"		
Set	68 °F	Char.	STEADY	Corr.	28.65"		
R. H.	78 %	24 hr. Mov.	251.3 Km 157.8 Mi	Sea L.	0700	1300	1900
Ppn. Liq.	T. in.	Prev. Dir.	SOUTH	3 hr. Tend.	Clds. 1/10	Clds. 72°	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	Wx	Wx	Wx
					M. SUNNY	55°	
					Vis.	Vis.	Vis.
					15 MILES	66°	68°

$|a| = 61$



June 8, 1980

0700 EST

Meteorological Observatory,  
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	moderate towering Cu in all quads. occasional RW- TRW - approx. 8pm + 12mid		
Max.	89 °F	Dir. West	Temp. 68°			
Min.	64 °F	Vel. 17 m.p.h.	Read. 28.35			
Set	68 °F	Char. Gusty	Corr. 28.24			
R. H.	76 %	24 hr. Mov. SW	Sea L. 29.53	0700	1300	1900
Ppn.	Liq. .62 in.	Prev. Dir. 249.4 km 152.1 mi	3 hr. Tend. +1.5/	Clds. 3/10 cumulus	Clds. 89°	Clds.
Ppn.	Sol. - in.	Snow Depth - in.	Observer LS	Wx P. cloudy	Wx 63°	Wx
				Vis. 20 mi	Vis. 67°	Vis. 69°

$\alpha 60^\circ$





JUNE 9, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	69° F	Dir.	SW	Temp.	64°	1428 EST TRUCK A 4" H. L. L. PK WIND 50 MPH (ON THE 9th)		
Min.	45° F	Vel.	18 m.p.h.	Read.	28.60			
Set	51° F	Char.	GUSTY	Corr.	28.49			
R. H.	63 %	24 hr. Mov.	477.1 Km 291.0 mi	Sea L.	29.83	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	W	3 hr. Tend.	-1.7	Clds. 8/10	Clds. 69°	Clds.
Ppn.	Sol.	Snow Depth	— in.	Observer	JB	Wx	Wx	Wx
						M. CLOUDY	44°	
						Vis.	Vis.	Vis.
						25 mi.	49°	50°

$Td = 39$



JUNE 10, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.			
Max.	Dir.	Temp.		CU BLDG ON RIDGES (WEST) HAIL AT ~ 1100 EST					
67 °F	SW	64°							
Min.	Vel.	Read.							
42 °F	9 m.p.h.	28.57"							
Set	Char.	Corr.							
48 °F	BREEZY	28.47"							
R. H.	24 hr. Mov.	Sea L.		0700		1300		1900	
82 %	207	29.82"		Clds.		Clds.		Clds.	
				No ALTOCU		68			
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		Wx		Wx		Wx	
.58 in.	SW	+1.0 mb		M. SUNNY		42			
Ppn. Sol.	Snow Depth	Observer		Vis.		Vis.		Vis.	
— in.	— in.	MJM		10MI		47		47	

P PT. 43E



14 350

JUNE 12, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.				
Max.	64° F	Dir.	SW	Temp.	63°			
Min.	41° F	Vel.	02 m.p.h.	Read.	29.14"			
Set	49° F	Char.	LIGHT	Corr.	29.04"			
R. H.	63 %	24 hr. Mov.	195.7 Km 119.4 mi	Sea L.	30.41"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+1.6 /	Clds. 0/10	Clds. 64°	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	YB	Wx	Wx	Wx
						SUNNY	39°	
						Vis.	Vis.	Vis.
						30 mi.	46°	48°

Td = 38





011 10 4

JUNE 14, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	79° F	Dir.	SE	Temp.	65°	SHALLOW HAZE LAYER		
Min.	50° F	Vel.	01 m.p.h.	Read.	28.88"			
Set	59° F	Char.	VARIABLE	Corr.	28.77"			
R. H.	69 %	24 hr. Mov.	150.5 km 91.8 mi.	Sea L.	30.10"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SOUTH	3 hr. Tend.	-0.1mg	Clds. 1/10 CIRRUS	Clds. 79°	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	☆	Wx SUNNY	Wx 48°	Wx
				Observer	☆	Vis. 25 MILES	Vis. 54°	Vis. 56°

$$T_d = 49^\circ$$



June 15, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	86 °F	Dir. SW	Temp. 67°	Hazy Sunshine		
Min.	59 °F	Vel. 10 m.p.h.	Read. 28.50"			
Set	66 °F	Char. steady	Corr. 28.39"			
R. H.	53 %	24 hr. Mov. 166.3 km 101.4 mi	Sea L. 29.69"	0700 Clds. —	1300 Clds. 84°	1900 Clds.
Ppn.	— in.	Prev. Dir. WEST	3 hr. Tend. -0.2mb-	Wx HAZY	Wx 54°	Wx
Ppn.	— in.	Snow Depth — in.	Observer LLS	Vis. 13 mi	Vis. 64°	Vis. 66°

48° = D.P.



JUNE 16, 1980 0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	80 °F	Dir.	NE	Temp.	66			
Min.	51 °F	Vel.	8 m.p.h.	Read.	28.78"			
Set	51 °F	Char.	BREEZY	Corr.	28.67"	0700	1300	1900
R. H.	74 %	24 hr. Mov.	187	Sea L.	30.01"	Clds. 10/100 STRATOCU	Clds. 79	Clds.
Ppn.	.05 in.	Prev. Dir.	SW	3 hr. Tend.	+1.4mb /	Wx CLOUDY	Wx 51	Wx
Ppn.	— in.	Snow Depth	— in.	Observer	MJM	Vis. 15MI.	Vis. 51	Vis. 52

D.R. 430F



June 17 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. WSW	Temp. 65	Haze N		
Min.	43 °F	Vel. 2 m.p.h.	Read. 28.98			
Set	52 °F	Char. variable	Corr. 28.87			
R. H.	69 %	24 hr. Mov. 109	Sea L. 30.23	0700 Clds. 0/10	1300 Clds. 65	1900 Clds.
Ppn. —	Liq. in.	Prev. Dir. N	3 hr. Tend. thzmb ^	Wx clear	Wx 42	Wx
Ppn. —	Sol. in.	Snow Depth - in.	Observer MNS	Vis. 25mi	Vis. 48	Vis. 49

Td=42°F



June 18 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	74 °F	Dir.	E	Temp.	66			
Min.	48 °F	Vel.	2 m.p.h.	Read.	28.88			
Set	55 °F	Char.	very light	Corr.	28.77			
R. H.	72 %	24 hr. Mov.	88	Sea L.	30.11	0700	1300	1900
Ppn.	-	Prev. Dir.	SW	3 hr. Tend.	-0.2mb	Clds. 3/10 AltoCumulus	Clds. 74	Clds.
Ppn.	-	Sol.	-	Observer	MNS	Wx m sunny	Wx 48	Wx
Ppn.	-	Snow Depth	-	Vis.	25 miles	Vis. 52	Vis. 54	Vis.

$T_d = 46^\circ F$

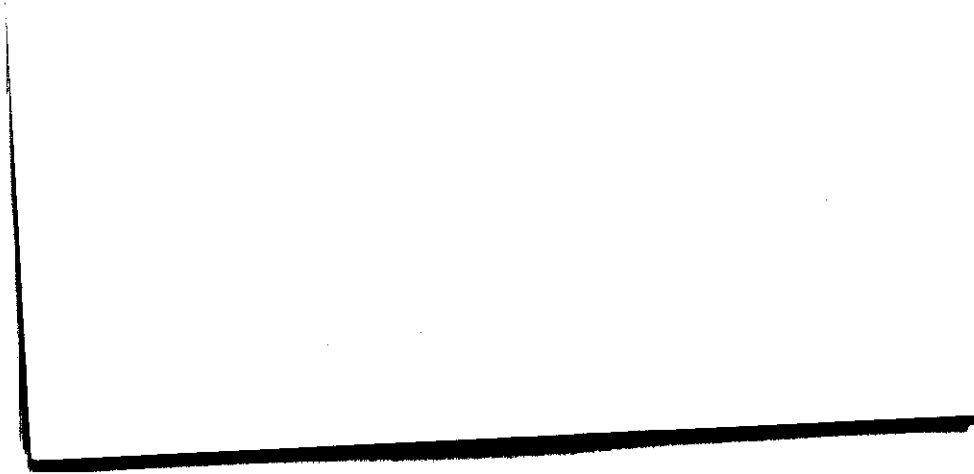
JUNE 19, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	78° F	Dir.	CALM	Temp.	68°	HAZY		
Min.	55° F	Vel.	— m.p.h.	Read.	28.80"			
Set	62° F	Char.	CALM	Corr.	28.68"			
R. H.	75 %	24 hr. Mov.	176.1 Km. 107.4 m.l.	Sea L.	30.01"	0700	1300	1900
Ppn.	— in.	Prev. Dir.	SW	3 hr. Tend.	+0.5—	Clds. 0/10 HAZY SUNSHINE	Clds. 79°	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	AB	Wx	Wx	Wx
						SUNNY	53°	
						Vis.	Vis.	Vis.
						6 MILES	58°	59°

$$T_d = 54^\circ$$



JUNE 20, 1980 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. WEST	Temp. 66°	FEW BREAKS IN OVC WEST		
Min.	51 °F	Vel. 17 m.p.h.	Read. 28.70"			
Set	52 °F	Char. GUSTY	Corr. 28.54"			
R. H.	68 %	24 hr. Mov. 267	Sea L. 29.94"	0700	1300	1900
Ppn.	.06 in.	Prev. Dir. S	3 hr. Tend. +3.2mb /	Clds. % STRATOCU	Clds.	Clds.
Ppn.	— in.	Snow Depth — in.	Observer MJM	Wx M. CLOUDY	Wx 51	Wx
				Vis. 20 MI.	Vis. 52	Vis. 53

P.P.T 410



JUNE 21, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66° F	Dir. WEST	Temp. 66°	FEW CI SW.		
Min.	52° F	Vel. 07 m.p.h.	Read. 28.92"			
Set	60° F	Char. STEADY	Corr. 28.81"			
R. H.	58 %	24 hr. Mov. 520.5 Km 317.5 ml	Sea L. 30.14"	0700 Clds. 0/10 CLEAR	1300 Clds. 67°	1900 Clds. 65°
Ppn.	Liq. in.	Prev. Dir. WEST	3 hr. Tend. +1.5 /	Wx SUNNY	Wx 54°	Wx 54°
	Sol. in.	Snow Depth 0 in.	Observer AB	Vis. 35 MILAS	Vis. 58°	Vis. 59°

$$T_d = 45^\circ$$



June 22, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. CALM	Temp. 66°	CiCu in NE Quad Hazy Sunshine		
Min.	52 °F	Vel. — m.p.h.	Read. 28.82"			
Set	60 °F	Char. CALM	Corr. 28.72"			
R. H.	67 %	24 hr. Mov. 218.4 km 133.2 mi	Sea L. 30.05"	0700 Clds. 1/10 CiCu	1300 Clds. 79°	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. WEST	3 hr. Tend. +1.0 /	Wx Sunny	Wx 49°	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer LLS	Vis. 10 mi	Vis. 56°	Vis. 58°

$$T_d = 49^\circ$$



June 23 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

General Obs.

Temp.	Wind	Barom.
Max. 82 °F	Dir. Calm	Temp. 66
Min. 55 °F	Vel. 0 m.p.h.	Read. 28.98
Set 62 °F	Char. —	Corr. 28.87
R. H. 69 %	24 hr. Mov. 85	Sea L. 30.20
Ppn. —	Prev. Dir. SW	3 hr. Tend. +0.9mb
Sol. —	Snow Depth — in.	Observer MNS

Haze

	0700	1300	1900
Clds.	0/10	81	
Wx	clear	53	
Vis.	10mi	59	61

1a-52-1



JUNE 24, 1980 0700 EST

Meteorological Observatory  
University Park, Pa.  
General Obs.

Temp.		Wind		Barom.		HAZY SUNSHINE					
Max.	85 °F	Dir.	SE	Temp.	68						
Min.	60 °F	Vel.	2 m.p.h.	Read.	28.96"						
Set	65 °F	Char.	VERY LIGHT	Corr.	28.84"						
R. H.	73 %	24 hr. Mov.	85	Sea L.	30.17"	0700		1300		1900	
Ppn.	in.	Prev. Dir.	S	3 hr. Tend.	+0.7mb /	Clds.	70	Clds.	86	Clds.	
Ppn.	in.	Snow Depth		Observer	MJM	Wx	SUNNY	Wx	60	Wx	
				Vis.	7MI.	Vis.	63	Vis.	64		

DP 56

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_





$T_{cl} = 60^\circ F$

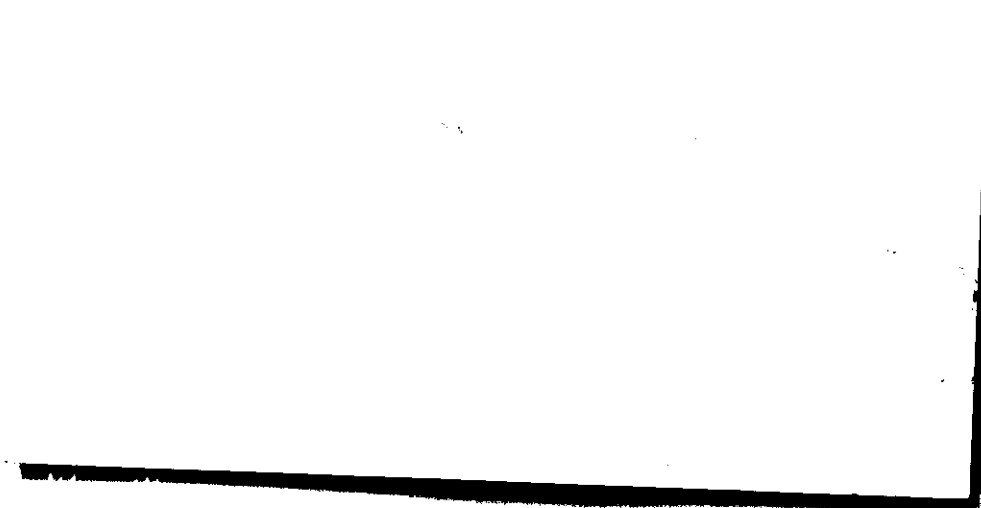
JUNE 26, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	87° F	Dir. SE	Temp. 70°	HAZY. SHALLOW HAZE LAYER IN VALLEY. HOT AIR BALLOON SW.		
Min.	61° F	Vel. 02 m.p.h.	Read. 28.87"			
Set	66° F	Char. VARIABLE	Corr. 28.75"			
R. H.	76 %	24 hr. Mov. 195 mi S 118.9 km	Sea L. 30.06"	0700 Clds. 0/10 CLEAR	1300 Clds. 88°	1900 Clds.
Ppn. Liq.	— in.	Prev. Dir. SOUTH	3 hr. Tend. +0.8 /	Wx HAZY SUN	Wx 59°	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer B	Vis. 10 MILES	Vis. 64°	Vis. 65°

Td = 58



JUNE 27, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	General Obs.		
Max.	88 °F	Dir. SW	Temp. 70	HAZY		
Min.	66 °F	Vel. 8 m.p.h.	Read. 28.76"			
Set	70 °F	Char. BREEZY	Corr. 28.64"	0700	1300	1900
R. H.	70 %	24 hr. Mov. 104	Sea L. 29.94"	Clds. —	Clds. 87	Clds.
Ppn.	Liq. — in.	Prev. Dir. SW	3 hr. Tend. +7mb/	Wx SUNNY	Wx 65	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer MJM	Vis. 7 mi.	Vis. 70	Vis. 70

D.P. 60°



JUNE 28, 1980

0700 EST

Meteorological Observatory  
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	HAZY		
Max.	88° F	Dir. NE	Temp. 70°			
Min.	60° F	Vel. 02 m.p.h.	Read. 28.86"			
Set	64° F	Char. LIGHT	Corr. 28.74"	0700	1300	1900
R. H.	81 %	24 hr. Mov. 266.4 Km 162.5 mi	Sea L. 30.08"	Clds. 4/10	Clds. 88°	Clds.
Ppn.	Liq. — in.	Prev. Dir. NORTH	3 hr. Tend. +0.2 ^	Wx PARTLY SUNNY	Wx 60°	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer B	Vis. 5 MILES	Vis. 62°	Vis. 63°

$Td = 58^\circ$







'a=61'



JUNE 30, 1980 0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. WEST	Temp. 70	TRW @ ~ 1820 EST ON FHE 29 <sup>th</sup>		
Min.	60 °F	Vel. 7 m.p.h.	Read. 28.63"			
Set	63 °F	Char. BREEZY	Corr. 28.51"			
R. H.	72 %	24 hr. Mov. 195	Sea L. 29.82"	0700 Clds. A TO STRATOCU	1300 Clds. 83	1900 Clds.
Ppn.	Liq. .14 in.	Prev. Dir. SW	3 hr. Tend. +2.4mb1	Wx MOSTLY CLOUDY	Wx 59	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer MJM	Vis. 20mi	Vis. 61	Vis. 62

0254