

APRIL 1, 1981

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.			
Max.	72 °F	Dir.	CALM	Temp.	72 °	CLOUD COVER: THIN ALSTR + CISTR. "PATCHY" GROUND FOG IN VALLEYS 72° MAX TIES RECORD.			
Min.	46 °F	Vel.	0 m.p.h.	Read.	28.66				
Set	55 °F	Char.	—	Corr.	28.54				
R. H.	57 %	24 hr. Mov.	—	Sea L.	29.87				0700
Ppn.	— in.	Prev. Dir.	—	3 hr. Tend.	-1.5 mb	Clds.	10/10	Clds.	72
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	Wx	—	Wx	39
				Vis.	18 mi.	Vis.	48	Vis.	55

Thursday, April 2, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	W	Temp.	71	- A few breaks in clouds. - Clearing towards the west. - A little haze - TRW - around 198, 4/1 Sc		
Min.	45 °F	Vel.	10-20 m.p.h.	Read.	29.81			
Set	45 °F	Char.	G > 25	Corr.	29.69			
R. H.	55 %	24 hr. Mov.	—	Sea L.	31.11	0700	1300	1900
Ppn. Liq.	0.16 in.	Prev. Dir.	—	3 hr. Tend.	+2.5mb	Clds.	Clds.	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	Andy	9/10	69	—
						Wx	Wx	Wx
						Windy	43	
						Vis.	Vis.	Vis.
						15 mi	43	47

Fri., APR. 3, 1981

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	64 °F	Dir.	WSW	Temp. °	72°	CLR E+S		
Min.	45 °F	Vel.	4 m.p.h.	Read.	28.80	STRATCU NE → NW		
Set	51 °F	Char.	STEADY	Corr.	28.68	CU W		
R. H.	43 %	24 hr. Mov.	—	Sea L.	30.03	0700	1300	1900
Ppn.	— in.	Prev. Dir.	—	3 hr. Tend.	71.0 mb	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	Wx	Wx	Wx
				Vis.	20 mi.	Wx	Wx	Wx
				Vis.		49	49	52

Sat. 4 April 1981

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.		
Max.	78 °F	Dir.	SSW	Temp.	76	Thin OVC. Altostratus. OVERNIGHT LOW 64°		
Min.	51 °F	Vel.	14 m.p.h.	Read.	28.80			
Set	64 °F	Char.	Gusts(20)	Corr.	28.67			
R. H.	37 %	24 hr. Mov.	—	Sea L.	29.98			
Ppn.	— in.	Prev. Dir.	—	3 hr. Tend.	1mb.	0700	1300	1900
						Clds.	Clds.	Clds.
						10/10	78	
						Wx	Wx	Wx
						—	49	
Ppn.	Sol.	Snow Depth	Observer	Vis.		Vis.	Vis.	Vis.
—	— in.	— in.	JJC	15		62	64	

SUN. APR. 5, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.			
Max.	78 °F	Dir.	WSW	Temp.	76°	light RAIN showers light fog			
Min.	56 °F	Vel.	5 m.p.h.	Read.	28.57				
Set	56 °F	Char.	DIMMING	Corr.	28.44				
R. H.	83 %	24 hr. Mov.	—	Sea L.	29.77	0700	1300	1900	
Ppn.	.03 in.	Prev. Dir.	—	3 hr. Tend.	+2.0mb	Clds.	10/10	Clds.	78
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	Wx	RW-F	Wx	55
				Observer	JHM	Vis.	2 mi.	Vis.	55
						Vis.		Vis.	58

MON, APR. 6, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	63 °F	Dir.	WNW	Temp.	71	SW - ENDED 10 MIN. BEFORE OBS. TAKEN SW - BEGAN AGAIN 0730 EST		
Min.	32 °F	Vel.	16 m.p.h.	Read.	28.80			
Set	33 °F	Char.	GUSTY	Corr.	28.68			
R. H.	67 %	24 hr. Mov.	—	Sea L.	30.08	0700	1300	1900
Ppn. Liq.	0.13 in.	Prev. Dir.	—	3 hr. Tend.	+2.0 mb	Clds.	Clds.	Clds.
Ppn. Sol.	T in.	Snow Depth	— in.	Observer	JHM	Wx	Wx	Wx
						Vis.	Vis.	Vis.
						15	31	34

Tues April 7 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	48 °F	Dir.	SSW	Temp.	70			
Min.	30 °F	Vel.	4 m.p.h.	Read.	29.24			
Set	34 °F	Char.	—	Corr.	29.12			
R. H.	49 %	24 hr. Mov.	—	Sea L.	30.53	0700	1300	1900
Ppn.	T in.	Prev. Dir.	—	3 hr. Tend.	12 MB	Clds.	Clds.	Clds.
						Clear	48	
						Wx	Wx	Wx
						—	26	
Ppn.	T in.	Snow Depth	— in.	Observer	JJC	Vis.	Vis.	Vis.
						15 mi	30	34

WED. APR. 8, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.						
Max.	63 °F	Dir.	W	Temp.	GROUND FOG IN VALLEYS SCT ALCU AND CI						
Min.	33 °F	Vel.	3 m.p.h.	Read.				28.96			
Set	49 °F	Char.	STEADY	Corr.				28.85			
R. H.	34 %	24 hr. Mov.	—	Sea L.	30.21	0700 Clds.	1/10	1300 Clds.	63	1900 Clds.	
Ppn.	— in.	Prev. Dir.	—	3 hr. Tend.	+1.0 mb	Wx		Wx	31	Wx	
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	Vis.	25 mi.	Vis.	45	Vis.	49

April 9, 1981 Thursday

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. SSW	Temp. 76	Broken High Sc w/a little sun. Brief precip at 11:30z OVERNIGHT LOW - 61		
Min.	49 °F	Vel. 8-10 m.p.h.	Read. 28.80			
Set	61 °F	Char. Steady	Corr. 28.66			
R. H.	42 %	24 hr. Mov.	Sea L.	0700	1300	1900
		—	30.03	Clds. 8/10	Clds. 78	Clds.
Ppn.	Liq. T in.	Prev. Dir.	3 hr. Tend.	Wx	Wx	Wx
		—	-1.0mb	Lt. Haze	52	
Ppn.	Sol. — in.	Snow Depth	Observer	Vis.	Vis.	Vis.
		— in.	Andy	10mi	57	62

FRI. APR. 10, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	65 °F	Dir.	SW	Temp.	73	PATCHY GROUND FOG VALLEYS NE + E		
Min.	37 °F	Vel.	6 m.p.h.	Read.	29.14			
Set	41 °F	Char.	STEADY	Corr.	29.02			
R. H.	57 %	24 hr. Mov.	—	Sea L.	30.42	0700	1300	1900
Ppn.	0.10 in.	Prev. Dir.	—	3 hr. Tend.	+2.0mb	Clds.	Clds.	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	0/10	65	
						Wx	Wx	Wx
						CLR	33	
						Vis.	Vis.	Vis.
						25 mi.	40	43

Sat. 11 APRIL 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 66 °F		Dir. SW	Temp. 76	CU - ALTO CU DARK W-NW		
Min. 41 °F		Vel. 7 m.p.h.	Read. 28.87			
Set 55 °F		Char.	Corr. 28.74			
				0700	1300	1900
R. H. 69 %		24 hr. Mov. -	Sea L. 30.10	Clds. 6/8	Clds. 67	Clds.
Ppn. Liq. T in.		Prev. Dir. SW	3 hr. Tend. -0.7 mb	Wx PT. SUNNY	Wx 40	Wx
Ppn. Sol. - in.		Snow Depth - in.	Observer FJG	Vis. 8 mi	Vis. 56	Vis. 57

SUN. APR. 12, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.					
Max.	77 °F	Dir.	NNE	Temp.	STRATUS OVC RIDGETOPS OBSCRD S.E. TRW ~0800 11TH ~1600 11TH					
Min.	52 °F	Vel.	10 m.p.h.	Read.				28.81		
Set	52 °F	Char.	GUSTY	Corr.				28.68		
R. H.	75 %	24 hr. Mov.	—	Sea L.	30.05	0700	1300	1900		
Ppn.	0.70 in.	Prev. Dir.	—	3 hr. Tend.	+2.0 mb	Clds.	19/10	Clds.	50 ⁷⁷	Clds.
Ppn.	— in.	Snow Depth	— in.	Observer	JHM	Wx		Wx	50	Wx
				Observer	JHM	Vis.	15 mi.	Vis.	7750	54

MON. APR. 13, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	53 °F	Dir. SE	Temp. 72			
Min.	37 °F	Vel. 10 m.p.h.	Read. 29.13			
Set	39 °F	Char. GUSTY	Corr. 29.01			
R. H.	67 %	24 hr. Mov. —	Sea L. 30.41	0700 Clds. 10/10	1300 Clds. 53	1900 Clds.
Ppn. Liq.	0.29 in.	Prev. Dir. —	3 hr. Tend. +1.5 mb.	Wx	Wx 36	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JHM	Vis. 20 mi.	Vis. 38	Vis.

Tues. April 14 1981 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. SSW	Temp. 72	VIS - 2 1/2: NE to N R, = - 5: SW. = CLD AT RIDGE TOPS.		
Min.	39 °F	Vel. 18 m.p.h.	Read. 28.99			
Set	43 °F	Char. ✓ 24	Corr. 28.87			
R. H.	83 %	24 hr. Mov. —	Sea L. 30.25	0700 Clds. 10/10	1300 Clds. 49	1900 Clds.
Ppn. Liq.	.33 in.	Prev. Dir. —	3 hr. Tend. -3.5	Wx R	Wx 38	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JJC	Vis. See OBS.	Vis. 41	Vis. 44

APR. 15, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	56 °F	Dir. NW	Temp. 70			
Min.	30 °F	Vel. 10 m.p.h.	Read. 29.31			
Set	31 °F	Char. GUSTY	Corr. 29.20			
R. H.	60 %	24 hr. Mov. —	Sea L. 30.64	0700 Clds. 4/10	1300 Clds. 56	1900 Clds.
Ppn. Liq.	0.25 in.	Prev. Dir. —	3 hr. Tend. +2.5 mb.	Wx cu	Wx 28	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer JHM	Vis. 30 mi.	Vis. 29	Vis. 32

April 16, 1981 Thursday

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	50 °F	Dir. —	Temp. 70°	Some fog in valleys Smoke rising vertically		
Min.	28 °F	Vel. Calm m.p.h.	Read. 29.36			
Set	34 °F	Char. —	Corr. 29.24			
R. H.	56 %	24 hr. Mov. —	Sea L. 30.67	0700 Clds. 0/10	1300 Clds. 51	1900 Clds.
Ppn.	— in.	Prev. Dir. —	3 hr. Tend. +.5mb✓	Wx clear	Wx 23	Wx
Ppn.	— in.	Snow Depth — in.	Observer Andy	Vis. +15m;	Vis. 27	Vis. 35

FRI. APR. 17, 1981 0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. SW	Temp. 73°	GROUND FROST VALLEY NE. STRATUS OXC OVERNIGHT LOW ≈ 49°		
Min.	34 °F	Vel. 6 m.p.h.	Read. 28.78			
Set	50 °F	Char. VAR.	Corr. 28.66			
R. H.	68 %	24 hr. Mov.	Sea L.	0700	1300	1900
Ppn.	0.07 in.	Prev. Dir.	3 hr. Tend.	Clds. 10/10	Clds. 68	Clds.
Ppn.	— in.	Snow Depth	Observer	Wx	Wx 28	Wx
				Vis.	Vis.	Vis.
			JHM	15 mi.	48	51

Sat April 18, 1981

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		General Obs.			
Max.	Dir.	Temp.		Light haze to N + NE. * .02 before 18Z/17					
64 °F	WNW	76							
Min.	Vel.	Read.							
50 °F	24 m.p.h.	28.74							
Set	Char.	Corr.		0700		1300		1900	
61 °F	Gusts to 24	28.61		Clds.	Clds.		Clds.		
R. H.	24 hr. Mov.	Sea L.		2/10	65				
62 %	—	29.93		Wx	48		Wx		
Ppn. Liq.	Prev. Dir.	3 hr. Tend.		—	—		—		
*.03 in.	—	1.5 mb		Vis.	59		63		
Ppn. Sol.	Snow Depth	Observer							
— in.	— in.	JJC							

SUN. 19 APRIL 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	69 °F	Dir. CALM	Temp. 71	CIRRUS		
Min.	34 °F	Vel. CALM m.p.h.	Read. 29.03			
Set	38 °F	Char. CALM	Corr. 28.91			
R. H.	67 %	24 hr. Mov.	Sea L. 30.31	0700	1300	1900
Ppn.	Liq. -	Prev. Dir.	3 hr. Tend. +0.7 mb	Clds. 2/10	Clds. 70	Clds.
	in.			Wx	Wx 29	Wx
Ppn.	Sol. -	Snow Depth	Observer FJG	Vis. 15 mi	Vis. 34	Vis. 36
	in.	- in.				

MON. APR. 20, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	59 °F	Dir. NW	Temp. 72 °	STRATO CU W/ BREAKS ALL QUADS EXCEPT NW-NE STRATUS OVC 38 at 122/19		
Min.	41 38	Vel. 8 m.p.h.	Read. 28.68			
Set	45 °F	Char. GUSTY	Corr. 28.56			
R. H.	58 %	24 hr. Mov. —	Sea L. 29.92	Clds. 8/10	Clds. 58	Clds.
Ppn.	Liq. F in.	Prev. Dir. —	3 hr. Tend. 1/2 mb.	Wx	Wx 35	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JHM	Vis. 15 mi.	Vis. 43	Vis. 45

Tues April 21, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	52 °F	Dir. N	Temp. 70			
Min.	25 °F	Vel. 4 m.p.h.	Read. 29.14			
Set	28 °F	Char. —	Corr. 29.02	0700	1300	1900
R. H.	53 %	24 hr. Mov. —	Sea L. 30.45	Clds. Clear	Clds. 53	Clds.
Ppn.	Liq. — in.	Prev. Dir. —	3 hr. Tend. 2 MB.	Wx —	Wx 23	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JJC	Vis. 15 mi.	Vis. 26	Vis. 28

WED., APR. 22, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	STRAW OVC W/ BREAKS			
Max.	54 °F	Dir.	Temp.				70 °
Min.	28 °F	Vel.	Read.				28.87
Set	35 °F	Char.	Corr.	28.76			
R. H.	45 %	24 hr. Mov.	Sea L.	30.16	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	STEADY	Clds.	Clds.	Clds.
	— in.	—			10/10	53	
Ppn.	Sol.	Snow Depth	Observer	Wx	Wx	Wx	
	— in.	— in.	JHM	15 mi.	26		
				Vis.	Vis.	Vis.	
					33	35	

April 23, 1981 Thursday

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. Calm	Temp. 72	Ns Rain began around 52 Ridges just visible		
Min.	35 °F	Vel. — m.p.h.	Read. 28.58			
Set	48: °F	Char. —	Corr. 28.46			
R. H.	80 %	24 hr. Mov. —	Sea L. 29.81	0700 Clds. 10/10	1300 Clds. 64	1900 Clds.
Ppn.	Liq. .06 in.	Prev. Dir. —	3 hr. Tend. -1.5 mb	Wx Lt. Rain Fog	Wx 33	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer Andy	Vis. 3 mi	Vis. 46	Vis. 44

FRI. APR. 24, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	60 °F	Dir. WSW	Temp. 72°	WIND GUSTING TO 26 mph		
Min.	48 °F	Vel. 16 m.p.h.	Read. 28.12			
Set	52 °F	Char. GUSTY	Corr. 28.00			
R. H.	48 %	24 hr. Mov. —	Sea L. 29.31	0700 Clds. 8/10	1300 Clds. 60	1900 Clds.
Ppn.	0.20 in.	Prev. Dir. —	3 hr. Tend. -1.0mb	Wx BKN STR CU	Wx 46	Wx
Ppn.	— in.	Snow Depth — in.	Observer JHM	Vis. 15 mi.	Vis. 50	Vis. 52

SAT. APR. 25, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	53 °F	Dir.	NW	Temp.	70° WIND GUSTING TO 26 mph.		
Min.	37 °F	Vel.	16 m.p.h.	Read.	28.43		
Set	38 °F	Char.	GUSTY	Corr.	28.31		
R. H.	62 %	24 hr. Mov.		Sea L.	0700	1300	1900
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.	Clds.	Clds.	Clds.
0.03 in.				1+2amb	9/10	53	
Ppn.	Sol.	Snow Depth		Observer	Wx	Wx	Wx
T in.	— in.			JHM	BKN STRCU	35	
					Vis.	Vis.	Vis.
					20 mi.	36	39

MON. APR. 27, 1951

0700 EST

Meteorological Observatory
University Park, Pa.
General Obs.

Temp.		Wind		Barom.		SCT ALCU AND ALSTR RECEDING EAST HAZY		
Max.	62 °F	Dir.	-0-	Temp.	71°			
Min.	38 °F	Vel.	0 m.p.h.	Read.	28.76			
Set	48 °F	Char.	CALM	Corr.	28.64			
R. H.	71 %	24 hr. Mov.	—	Sea L.	30.00	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	—	3 hr. Tend.	+1.0mb	Clds.	Clds.	Clds.
	T in.					3/10	62	
Ppn.	Sol.	Snow Depth	— in.	Observer	JHM	Wx	Wx	Wx
	— in.					∞	36	
				Vis.	7 mi.	Vis.	Vis.	Vis.
						45	48	

Tues April 28, 1981

0700 EST

Meteorological Observations
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	Bks in OVC.		
Max.	70 °F	Dir. WSW	Temp. 72			
Min.	48 °F	Vel. — m.p.h.	Read. 28.81			
Set	52 °F	Char. Calm	Corr. 28.69			
R. H.	80 %	24 hr. Mov. —	Sea L. 30.04	0700 Clds. 10/10	1300 Clds. 70	1900 Clds.
Ppn.	Liq. — in.	Prev. Dir. —	3 hr. Tend. STD	Wx STRATUS	Wx 45	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer JJC	Vis. 15	Vis. 50	Vis. 52

WED, APR. 29, 1981

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 72 °F		Dir. SW	Temp. 76	STRATUS OVC W/ SCUD		
Min. 47 °F		Vel. 8 m.p.h.	Read. 28.43			
Set 60 °F		Char. GUSTY	Corr. 28.30			
R. H. 78 %		24 hr. Mov. —	Sea L. 29.61	0700 Clds. 10/10	1300 Clds. 72	1900 Clds.
Ppn. Liq. 0.60 in.		Prev. Dir. —	3 hr. Tend. STEADY	Wx (•)	Wx 46	Wx
Ppn. Sol. — in.		Snow Depth — in.	Observer JHM	Vis. 20 mi.	Vis. 58	Vis. 61

April 30, 1981 Thursday

0700 EST

Meteorological Observatory
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	70 °F	Dir.	W	Temp.	72	Mostly As with a few high Cs, plus some haze Brief rain showers at 14Z, 20Z. Filtered sunshine		
Min.	43 °F	Vel.	5-7 m.p.h.	Read.	28.67			
Set	44 °F	Char.	Steady	Corr.	28.55			
R. H.	70 %	24 hr. Mov.	—	Sea L.	29.91	0700	1300	1900
Ppn. Liq.	.09 in.	Prev. Dir.	—	3 hr. Tend.	+5mb ^	Clds.	Clds.	Clds.
Ppn. Sol.	— in.	Snow Depth	— in.	Observer	Andy	9/10	70	
						Wx	Wx	Wx
						∞	41	
						Vis.	Vis.	Vis.
						10mi	42	45