

APR 1 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

General Obs.

Temp.		Wind	Barom.	1700 - 2400 E		
Max.		Dir.	Temp.			
52 °F		SW	74			
Min.		Vel.	Read.			
31 °F		6 m.p.h.	29.01			
Set		Char.	Corr.	0700	1300	1900
40 °F		Steady	28.88	Clds.	Clds.	Clds.
R. H.		24 hr. Mov.	Sea L.	10AsAc	10As	10Ns
24 %		104	30.17	Wx	Wx	Wx
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.			.
—	in.	SW	-051			
Ppn.	Sol.	Snow Depth	Observer	Vis.	Vis.	Vis.
—	in.	—	G. L. W.	20	20	3

200 2 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

48

Temp.		Wind	Barom.	General Obs.		
Max.	57 °F	Dir. W	Temp. 75	0000E - 0130E		
Min.	40 °F	Vel. 2 m.p.h.	Read. 28.52			
Set	48 °F	Char. Wazk	Corr. 28.39			
R. H.	98 %	24 hr. Mov. 141	Sea L. 29.66	0700 Clds. 10Ns	1300 Clds. 10Sc	1900 Clds. 3Sc
Ppn. Liq.	1.15 in.	Prev. Dir. SSW	3 hr. Tend. -1.4 \	Wx ..	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer REN	Vis. 1	Vis. 10	Vis. 15

APR 3 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	55 °F	Dir.	N	Temp.	73	2100-2400 * <sup>0-1</sup>		
Min.	29 °F	Vel.	3 m.p.h.	Read.	29.13			
Set	30 °F	Char.	STEADY	Corr.	29.00			
R. H.	42 %	24 hr. Mov.	134	Sea L.	30.30	0700	1300	1900
Ppn.	Liq.	Prev. Dir.	N	3 hr. Tend.	+3.51	Clds.	Clds.	Clds.
	001 in.					CLD	10AS	10AS
Ppn.	Sol.	Snow Depth	- in.	Observer	REN	Wx	Wx	Wx
	- in.					Vis.	Vis.	Vis.
						20	15	15

39

APR 4 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	43 °F	Dir. E	Temp. 70	0000 - 0400 *		
Min.	29 °F	Vel. 7 m.p.h.	Read. 29.14	0400 - 0700 $\Delta$		
Set	30 °F	Char. steady	Corr. 29.02	0700 - 1500 .		
R. H.	95 %	24 hr. Mov. 1.9	Sea L. 30.31	0700	1300	1900
Ppn. Liq.	0.75 in.	Prev. Dir. E	3 hr. Tend. -0.46	Clds. 10Ns	Clds. 10Ns	Clds. 10Ns
Ppn. Sol.	6 in.	Snow Depth 4.5 in.	Observer G.H.	Wx $\Delta$	Wx $\Delta$	Wx ss
				Vis. 4	Vis. 3	Vis. 2

APR 5 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.		General Obs.		
Max.	36 °F	Dir.	NE	Temp.	70	0000 - 0700 0-33		
Min.	30 °F	Vel.	3 m.p.h.	Read.	28.76	0700 - 2300 0-1		
Set	35 °F	Char.	variable	Corr.	28.64			
R. H.	100 %	24 hr. Mov.	162	Sea L.	29.95	0700	1300	1900
Ppn. Liq.	0.70 in.	Prev. Dir.	E	3 hr. Tend.	-15 \	Clds.	Clds.	Clds.
Ppn. Sol.	1.0 in.	Snow Depth	3.0 in.	Observer	GLH	10 st.	10 B \$	10 N <sub>s</sub>
						Wx	Wx	Wx
						59	<del>10 st.</del>	<u>—</u>
						Vis.	Vis.	Vis.
						10.	7	$\frac{1}{8}$

APR 6 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	49 °F	Dir. W	Temp. 67	0700 - 0710 $\ddagger$ 0000 - 2400 $\ddagger$		
Min.	35 °F	Vel. 15 m.p.h.	Read. 28.36			
Set	39 °F	Char. Gusts +26	Corr. 28.25			
R. H.	50 %	24 hr. Mov. 121	Sea L. 29.55	0700 Clds. 9 Cu.	1300 Clds. 9 Cu.	1900 Clds. 9 Cu.
Ppn. Liq.	0.23 in.	Prev. Dir. W	3 hr. Tend. +205	Wx $\ddagger$	Wx $\ddagger$	Wx
Ppn. Sol.	— in.	Snow Depth 1.0 in.	Observer G. H. N.	Vis. 20	Vis. 20	Vis. 20

APR 7 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. W	Temp. 68	•• 1730E-2400E		
Min.	30 °F	Vel. 10 m.p.h.	Read. 28.73			
Set	40 °F	Char. Gusty	Corr. 28.61			
R. H.	50 %	24 hr. Mov. 420	Sea L. 29.90	0700 Clds. 2Cu	1300 Clds. 2AsAc 10Ci	1900 Clds. 10AsAc
Ppn. Liq.	.02 in.	Prev. Dir. W	3 hr. Tend. +30/	Wx	Wx	Wx ••
Ppn. Sol.	0.1 in.	Snow Depth T in.	Observer GPH	Vis. 20	Vis. 15	Vis. 10

APR 8 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

(40)

Temp.		Wind		Barom.		General Obs.		
Max.	56 °F	Dir.	NE	Temp.	72	.. 0630E - 0820E & 0820E - 0845E .. 0845E - 2400E		
Min.	35 °F	Vel.	6 m.p.h.	Read.	28.72			
Set	35 °F	Char.	STEADY	Corr.	28.59			
R. H.	88 %	24 hr. Mov.	160	Sea L.	29.89	0700	1300	1900
Ppn.	0.07 in.	Prev. Dir.	NE	3 hr. Tend.	-1.0V	Clds.	Clds.	Clds.
Ppn.	- in.	Snow Depth	- in.	Observer	RF4	10 St	10N <sub>2</sub>	10N <sub>2</sub>
						Wx	Wx	Wx
						..	..	..
						Vis.	Vis.	Vis.
						10	5	3



APR 3 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

33

Temp.		Wind	Barom.	General Obs.		
Max.	37 °F	Dir. NW	Temp. 70	** 0000E - 0300E		
Min.	30 °F	Vel. 5 m.p.h.	Read. 28.66			
Set	30 °F	Char. STEADY	Corr. 28.54			
R. H.	52 %	24 hr. Mov. 202	Sea L. 29.85	0700 Clds. 5 Cu	1300 Clds. 3 Cu	1900 Clds. 3 Cu
Ppn. Liq.	0.70 in.	Prev. Dir. E	3 hr. Tend. +4.2 /	Wx	Wx	Wx
Ppn. Sol.	1.2 in.	Snow Depth 0.7 in.	Observer REN.	Vis. 15	Vis. 15	Vis. 15

APR 10 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

37

Temp.		Wind	Barom.	General Obs.		
Max.	42 °F	Dir. WSW	Temp. 71			
Min.	30 °F	Vel. 4 m.p.h.	Read. 28.85			
Set	35 °F	Char. STEADY	Corr. 28.73			
R. H.	63 %	24 hr. Mov. 230	Sea L. 30.03	0700 Clds. 3Cu 4Ci	1300 Clds. 8Cu	1900 Clds. CLR
Ppn.	0 in.	Prev. Dir. W	3 hr. Tend. +0.8/	Wx	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer R.E.N.	Vis. 10	Vis. 15	Vis. 15

APR 11 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

26

Temp.		Wind		Barom.		General Obs.		
Max.	47 °F	Dir.	—	Temp.	72			
Min.	27 °F	Vel.	— m.p.h.	Read.	28.94			
Set	30 °F	Char.	Calm	Corr.	28.81			
R. H.	52 %	24 hr. Mov.	174	Sea L.	30.11	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	W	3 hr. Tend.	+0.4 ✓	Clds. 2c 3Ac 9c Wx	Clds. 7c Wx	Clds. 3c Wx
Ppn.	— in.	Snow Depth	— in.	Observer	RSH.	Vis. 15+	Vis. 15+	Vis. 15+

APR 12 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 86 °F	Dir. —	Temp. 67	T <sub>a</sub> 1430E -1530E (000)			
Min. 30 °F	Vel. — m.p.h.	Read. 28.77				
Set 40 °F	Char. Calm	Corr. 28.66				
R. H. 82 %	24 hr. Mov. 165	Sea L. 29.93	0700 Clds. 6 Ci	1300 Clds. 10 Cu	1900 Clds. 2 Cu 3 Al	
Ppn. Liq. 0 in.	Prev. Dir. SW	3 hr. Tend. +0.5 ✓	Wx	Wx	Wx	
Ppn. Sol. — in.	Snow Depth — in.	Observer RSH.	Vis. 10	Vis. 10	Vis. 10	

(52)

APR 13 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

34)

Temp.		Wind	Barom.	General Obs.		
Max.	47 °F	Dir. NW	Temp. 72	* OCCNL 1500E-1700E * OCCNL 2100E-2400E		
Min.	26 °F	Vel. 4 m.p.h.	Read. 28.98			
Set	28 °F	Char. STEADY	Corr. 28.78			
R. H.	58 %	24 hr. Mov. 181	Sea L. 30.09	0700 Clds. 4Sc 7Ci	1300 Clds. 8Cu	1900 Clds. 7Ci
Ppn. Liq.	T in.	Prev. Dir. NW	3 hr. Tend. +0.57	Wx	Wx	Wx
Ppn. Sol.	T in.	Snow Depth - in.	Observer R.H.	Vis. 15	Vis. 15	Vis. 15

APR 14 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	41 °F	Dir. W	Temp. 69	* OCCN - 0515E - 0800E * OCCN 1315 - 1430E		
Min.	26 °F	Vel. 6 m.p.h.	Read. 28.97			
Set	31 °F	Char. Steady	Corr. 28.85			
R. H.	54 %	24 hr. Mov. 160	Sea L. 30.16	0700 Clds. 8c 10A	1300 Clds. 10B	1900 Clds. 10S
Ppn. Liq.	T in.	Prev. Dir. W	3 hr. Tend. +1.71	Wx * F	Wx	Wx
Ppn. Sol.	T in.	Snow Depth T in.	Observer REN.	Vis. 15	Vis. 15	Vis. 15

33

APR 13 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	39 °F	Dir. W	Temp. 69			
Min.	27 °F	Vel. 5 m.p.h.	Read. 29.17			
Set	31 °F	Char. STEADY	Corr. 29.05			
R. H.	55 %	24 hr. Mov. 194	Sea L. 30.36	0700 Clds. 1 Cu	1300 Clds. Clr	1900 Clds. Clr
Ppn. Liq.	T in.	Prev. Dir. WNW	3 hr. Tend. +1.7/	Wx	Wx	Wx
Ppn. Sol.	T in.	Snow Depth — in.	Observer EVW RFN.	Vis. 15	Vis. 15+	Vis. 15+

33

16 April 1957 **APR 16 1957**

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. +	Temp. 69	• OccNL 1900E-2300E			
Min. 30 °F	Vel. — m.p.h.	Read. 29.15				
Set 37 °F	Char. Calm	Corr. 29.03				
R. H. 46 %	24 hr. Mov. 62	Sea L. 30.31	0700 Clds. 10 As	1300 Clds. 10 As	1900 Clds. 10st	
Ppn. Liq. — in.	Prev. Dir. W	3 hr. Tend. ± 0.00-	Wx	Wx	Wx	
Ppn. Sol. — in.	Snow Depth — in.	Observer SW	Vis. 15+	Vis. 15+	Vis. 15+	

(45)



APR 17 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	58 °F	Dir. WSW	Temp. 72	• OCCNL RAIN 0200-0500 • steady 0910E - 2400E		
Min.	37 °F	Vel. 3 m.p.h.	Read. 29.09			
Set	48 °F	Char. Steady	Corr. 28.96			
R. H.	90 %	24 hr. Mov. 135	Sea L. 30.23	0700 Clds. 10 SE	1300 Clds. 10 SE	1900 Clds. 10 SE
Ppn. Liq.	7 in.	Prev. Dir. WSW	3 hr. Tend. +0.6 ↓	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer SW	Vis. 10	Vis. 10	Vis. Bkz ≡

50

APR 18 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

(51)

Temp.		Wind	Barom.	General Obs.		
Max.	55 °F	Dir. —	Temp. 74	1500 - 1730 ♂		
Min.	47 °F	Vel. — m.p.h.	Read. 29.13			
Set	50 °F	Char. Calm	Corr. 29.00			
R. H.	96 %	24 hr. Mov. 48	Sea L. 30.27	0700 Clds. 10 st	1300 Clds. 10st.	1900 Clds. 10st.
Ppn. Liq.	0.57 in.	Prev. Dir. WSW	3 hr. Tend. +1.1 ✓	Wx	Wx =	Wx =
Ppn. Sol.	— in.	Snow Depth — in.	Observer EPA	Vis. 3/4 ≡	Vis. 3	Vis. 1

APR 19 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 55 °F	Dir. —	Temp. 75	0600 - 0700 23			
Min. 50 °F	Vel. — m.p.h.	Read. 29.20				
Set 50 °F	Char. Calm	Corr. 29.06				
R. H. 100%	24 hr. Mov. 036	Sea L. 30.33	0700 Clds. obsc.	1300 Clds. 10st.	1900 Clds. 10st.	
Ppn. Liq. 0.10 in.	Prev. Dir. SE	3 hr. Tend. +20	Wx <del>≡</del> 16	Wx ≡	Wx ≡	
Ppn. Sol. — in.	Snow Depth — in.	Observer G.H.H.	Vis. 1/16	Vis. 3	Vis. 3	

APR 20 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	61 °F	Dir. SW	Temp. 74	1330-1345 ♂		
Min.	50 °F	Vel. 5 m.p.h.	Read. 29.12	1710-1745 ♂ B		
Set	56 °F	Char. Steady	Corr. 28.99	0700	1300	1900
R. H.	90 %	24 hr. Mov. 093	Sea L. 30.25	Clds. 10sc	Clds. 5c.cg.	Clds. clear
Ppn. Liq.	T in.	Prev. Dir. SW	3 hr. Tend. -04	Wx =	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer GPH	Vis. 2	Vis. 15	Vis. 20

APR 21 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	79 °F	Dir. SW	Temp. 76			
Min.	56 °F	Vel. 5 m.p.h.	Read. 28.97			
Set	64 °F	Char. Steady	Corr. 28.83			
R. H.	70 %	24 hr. Mov. 160	Sea L. 30.06	0700 Clds. 4Ac	1300 Clds. 8Cu 8Ac	1900 Clds. 3Cu 4Ac
Ppn. Liq.	0.05 in.	Prev. Dir. SW	3 hr. Tend. +0.91	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer EJN	Vis. 15	Vis. 15	Vis. 15

APR 27 1953

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. NE	Temp. 78	• - - 1930 - 2030 E		
Min.	49 °F	Vel. 2 m.p.h.	Read. 29.19			
Set	51 °F	Char. STEADY	Corr. 29.05			
R. H.	67 %	24 hr. Mov. 173	Sea L. 30.29	0700 Clds. 4 Ci	1300 Clds. 10 Cs	1900 Clds. 8 As 10 Cs
Ppn. Liq.	0 in.	Prev. Dir. NW	3 hr. Tend. +1.9 /	Wx	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer REN	Vis. 20	Vis. 20	Vis. 15

(3)

APR 23 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

(59)

Temp.		Wind	Barom.	General Obs.		
Max.	68 °F	Dir. E	Temp. 77	☁ 0420-0520E .. 0520E-0655E ☁ 0940E-2200E TRW vicinity 1800-2000E .. 0000 2200E-2400E		
Mtn.	51 °F	Vel. 2 m.p.h.	Read. 29.06			
Set	51 °F	Char. STEADY	Corr. 28.92			
R. H.	93 %	24 hr. Mov. 137	Sea L. 30.7	0700	1300	1900
Ppn. Liq.	0.12 in.	Prev. Dir. S	3 hr. Tend. +0.4 /	Clds. 4Cu 10AsAc	Clds. 4Cu 7AsAc	Clds. 3Cb 7Cu 10AsAc
Ppn. Sol.	- in.	Snow Depth - in.	Observer RLH	Wx	Wx	Wx
				Vis. 15	Vis. 15	Vis. 15

APR 24 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	83 °F	Dir. WSW	Temp. 79	.. 0300E - 0530E ; 0530E - 0700E		
Min.	51 °F	Vel. 3 m.p.h.	Read. 29.01			
Set	60 °F	Char. STEADY	Corr. 28.87			
R. H.	98 %	24 hr. Mov. 095	Sea L. 30.09	0700 Clds. 5 Cu 8 AsCs	1300 Clds. 6 Cu 9 Ci	1900 Clds. 6 Cu 8 Ci
Ppn. Liq.	.16 in.	Prev. Dir. SW	3 hr. Tend. +0.91	Wx V	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer R.E.H.	Vis. 4	Vis. 15	Vis. 15

65



APR 25 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. E	Temp. 81	☼ 0230E - 0530E .. 0530E - 0800E		
Min.	59 °F	Vel. S m.p.h.	Read. 29.12			
Set	59 °F	Char. STEADY	Corr. 28.97			
R. H.	74 %	24 hr. Mov. 92	Sea L. 30.19	0700 Clds. 10c	1300 Clds. 10Sc	1900 Clds. 10Sw
Ppn. Liq.	.05 in.	Prev. Dir. SE	3 hr. Tend. +1.51	Wx ≡	Wx	Wx
Ppn. Sol.	- in.	Snow Depth - in.	Observer R.E.W.	Vis. 4	Vis. 8	Vis. 10

70

APR 26 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

(58)

Temp.		Wind	Barom.	General Obs.		
Max.	67 °F	Dir. ESE	Temp. 76	TRW+ 1930E - 2110E Gust to 31K		
Min.	54 °F	Vel. 2 m.p.h.	Read. 29.10			
Set	56 °F	Char. STEADY	Corr. 28.96			
R. H.	95 %	24 hr. Mov. 119	Sea L. 30.21	0700 Clds. 105+	1300 Clds. 2 Cu 5 Ci	1900 Clds. 2 Cb 3 Cu 2 Ci
Ppn.	— in.	Prev. Dir. ESE	3 hr. Tend. +1.0 /	Wx ≡	Wx	Wx
Ppn.	— in.	Snow Depth — in.	Observer R.E.H.	Vis. 3/4	Vis. 10	Vis. 12

APR 27 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max. 84 °F	Dir. —	Temp. 80	<del>65</del>			
Min. 52 °F	Vel. — m.p.h.	Read. 29.00				
Set 62 °F	Char. CALM	Corr. 28.85				
R. H. 85 %	24 hr. Mov. 51	Sea L. 30.09	0700 Clds. CLR	1300 Clds. 4 cu	1900 Clds. 6 cu 7 cu	
Ppn. Liq. .60 in.	Prev. Dir. SW	3 hr. Tend. 0	Wx	Wx	Wx	
Ppn. Sol. — in.	Snow Depth — in.	Observer REH	Vis. 15	Vis. 15	Vis. 15	

(63)

APR 28 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	88 °F	Dir. —	Temp. 82			
Min.	61 °F	Vel. — m.p.h.	Read. 28.95			
Set	63 °F	Char. Calm	Corr. 28.80			
R. H.	67 %	24 hr. Mov. 136	Sea L. 30.01	0700 Clds. CLR	1300 Clds. 6CU	1900 Clds. 10CS & AC
Ppn.	Liq. — in.	Prev. Dir. W	3 hr. Tend. +1.0J	Wx	Wx	Wx
Ppn.	Sol. — in.	Snow Depth — in.	Observer R&H	Vis. 15+	Vis. 15+	Vis. 15+

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APR 29 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind		Barom.	General Obs.		
Max.	84 °F	Dir.	NNE	Temp.			
				78			
Min.	56 °F	Vel.	4 m.p.h.	Read.			
				28.98			
Set	57 °F	Char.	steady	Corr.			
				28.84			
R. H.	34 %	24 hr. Mov.	142	Sea L.	0700	1300	1900
				30.07	Clds. 8cs 5bc 1bc	Clds. CLR	Clds. CLR
Ppn.	— in.	Prev. Dir.	NW	3 hr. Tend.	Wx	Wx	Wx
				+1.1			
Ppn.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				FVW	15+	15+	15+

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APR 30 1957

0700 EST

Meteorological Observatory  
University Park, Pa.

Temp.		Wind	Barom.	General Obs.		
Max.	76 °F	Dir. N.W.	Temp. 80			
Min.	55 °F	Vel. 3 m.p.h.	Read. 28.97			
Set	57 °F	Char. STEADY	Corr. 28.82			
R. H.	40 %	24 hr. Mov. 144	Sea L. 30.05	0700 Clds. CLR	1300 Clds. CLR	1900 Clds. CLR
Ppn. Liq.	— in.	Prev. Dir. N.W.	3 hr. Tend. +2.2 /	Wx	Wx	Wx
Ppn. Sol.	— in.	Snow Depth — in.	Observer S.Y.W.	Vis. 15+	Vis. 15+	Vis. 15+

66