

Friday, February 1, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 10.0 °F	—	68 °F	68 °F	—	—	68	0515-0700 -SN Δ TES REC MW (1920)			
Min. *4 °F	0 m.p.h.	29.26 in.	29.26 in.	0	0	29.26				
Set	Char.	Corr.	29.15 in.	Calm			* OVRT Low 4			
R.H. 7 °F	24 hr. Mov.	Sea L.	29.15 in.	—	—	—				
56 %	— mi.	30.25 in.	19/10	54	10/10	NS				
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	-SN	—				
Ppn. Sol. T in.	Snow Depth	Observer	Observer	Vis.	8 mi.	15 mi.				25 mi.

Sunday, February 3, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 40 °F	WSW	72 °F	72 °F	—	—	72	OVRT Low 33			
Min. 7 °F	6 m.p.h.	28.99 in.	28.99 in.	6	6	28.99				
Set	Char.	Corr.	28.77 in.	Light						
R.H. 39 °F	24 hr. Mov.	Sea L.	28.77 in.	—	—	—				
76 %	— mi.	30.08 in.	9/10	42	—	—				
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	—	—				
Ppn. Sol. 0.00 in.	Snow Depth	Observer	Observer	Vis.	10 mi.	25 mi.				

Tuesday, February 5, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 58 °F	—	71 °F	71 °F	—	—	71	0015-0030 -02 0500-0510 -02			
Min. 29 °F	0 m.p.h.	28.78 in.	28.78 in.	0	0	28.78	* OVRT Low: 45			
Set	Char.	Corr.	28.66 in.	Calm						
R.H. 68 %	24 hr. Mov.	Sea L.	30.02 in.	—	—	—				
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	—	—				
Ppn. Sol. 0.00 in.	Snow Depth	Observer	Observer	Vis.	25 mi.	25 mi.				20 mi.

Thursday, February 7, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 40 °F	—	72 °F	72 °F	—	—	72	1000-1800 -RA, OCL RA 1900-2000 -RA			
Min. 35 °F	0 m.p.h.	28.90 in.	28.90 in.	0	0	28.90				
Set	Char.	Corr.	28.78 in.	Calm						
R.H. 100 %	24 hr. Mov.	Sea L.	30.18 in.	—	—	—				
Ppn. Liq. 0.48 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	Fog	Fog				
Ppn. Sol. 0.00 in.	Snow Depth	Observer	Observer	Vis.	1/2 mi.	2 mi.				2 mi.

Saturday, February 9, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 47 °F	W	66 °F	66 °F	—	—	66				
Min. 16 °F	7 m.p.h.	29.40 in.	29.40 in.	7	7	29.40				
Set	Char.	Corr.	29.29 in.	Light						
R.H. 62 %	24 hr. Mov.	Sea L.	30.03 in.	—	—	—				
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	—	—				
Ppn. Sol. 0.00 in.	Snow Depth	Observer	Observer	Vis.	25 mi.	25 mi.				25 mi.

Saturday, February 9, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 14 °F	SW	70 °F	70 °F	—	—	70	-5N 0700-1400			
Min. 5 °F	5 m.p.h.	29.06 in.	29.06 in.	5	5	29.06				
Set	Char.	Corr.	28.94 in.	Light						
R.H. 83 %	24 hr. Mov.	Sea L.	30.27 in.	—	—	—				
Ppn. Liq. 0.06 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	—	—				
Ppn. Sol. 0.60 in.	Snow Depth	Observer	Observer	Vis.	7 mi.	25 mi.				25 mi.

Monday, February 11, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 53 °F	—	72 °F	72 °F	—	—	72				
Min. 29 °F	0 m.p.h.	28.75 in.	28.75 in.	0	0	28.75				
Set	Char.	Corr.	28.61 in.	Calm						
R.H. 100 %	24 hr. Mov.	Sea L.	30.06 in.	—	—	—				
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	#2	-H2				
Ppn. Sol. 0.00 in.	Snow Depth	Observer	Observer	Vis.	2.15 mi.	26 mi.				25 mi.

Wednesday, February 13, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 57 °F	—	72 °F	72 °F	—	—	72	0650-08 DZ			
Min. 33 °F	0 m.p.h.	28.83 in.	28.83 in.	0	0	28.83				
Set	Char.	Corr.	28.70 in.	Calm						
R.H. 92 %	24 hr. Mov.	Sea L.	30.09 in.	—	—	—				
Ppn. Liq. T in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	-DZ	RA				
Ppn. Sol. 0.00 in.	Snow Depth	Observer	Observer	Vis.	5 mi.	2.5 mi.				5 mi.

Friday, February 15, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 52 °F	W	70 °F	70 °F	—	—	70	1600-1900 -RA, OCL RA 2045-2115 RA 2200-515 RA			
Min. 37 °F	21 m.p.h.	28.84 in.	28.84 in.	21	21	28.84	OVRT Low: 46			
Set	Char.	Corr.	28.72 in.	Breeze						
R.H. 66 %	24 hr. Mov.	Sea L.	30.08 in.	—	—	—				
Ppn. Liq. 0.60 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	—	—				
Ppn. Sol. 0.00 in.	Snow Depth	Observer	Observer	Vis.	25 mi.	25 mi.				25 mi.

Sunday, February 17, 2019
0700 EST
Meteorological Observatory
University Park, PA
General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Clds.	0700	1300	1900
Max. 24 °F	—	68 °F	68 °F	—	—	68				
Min. 12 °F	0 m.p.h.	29.37 in.	29.37 in.	0	0	29.37				
Set	Char.	Corr.	29.25 in.	Calm						
R.H. 76 %	24 hr. Mov.	Sea L.	30.59 in.	—	—	—				
Ppn. Liq. 0.00 in.	Prev. Dir.	3 hr. Tend.	3 hr. Tend.	Wx	—	—				
Ppn. Sol. 0.00 in.	Snow Depth	Observer	Observer	Vis.	25 mi.	20 mi.				20 mi.

TAVG:	3	TRNOF:	M/M	TW:	-
HDD:	62	TUNV:		To:	-6
ZHDD:	62	MMTS:	101-515		
CDD:	0				
ZCDD:	0				
ZPCNL:	7"				
ZPCNS:	7"			Date:	02/01/19

TAVG:	10	TRNOF:	M/M	TW:	-
HDD:	55	TUNV:	513	To:	3
ZHDD:	117	MMTS:	151516		
CDD:	0				
ZCDD:	0				
ZPCNL:	0.06"				
ZPCNS:	0.6"			Date:	2/2/19

TAVG:	24	TRNOF:	M/M	TW:	36
HDD:	41	TUNV:	37134	To:	52
ZHDD:	158	MMTS:	4016138		
CDD:	9				
ZCDD:	0				
ZPCNL:	0.06"				
ZPCNS:	0.6"			Date:	2/3/2019

TAVG:	41	TRNOF:	M/M	TW:	29
HDD:	24	TUNV:	28128	To:	29
ZHDD:	182	MMTS:	53/29/29		
CDD:	0				
ZCDD:	0				
ZPCNL:	0.06"				
ZPCNS:	0.6"			Date:	2/4/19

TAVG:	44	TRNOF:	M/M	TW:	44
HDD:	21	TUNV:	43/39	To:	39
ZHDD:	203	MMTS:	58/29/48		
CDD:	0				
ZCDD:	0				
ZPCNL:	0.06"				
ZPCNS:	0.6"			Date:	2/5/19

TAVG:	45	TRNOF:	M/M	TW:	35
HDD:	20	TUNV:	34/32	To:	34
ZHDD:	223	MMTS:	57/33/35		
CDD:	0				
ZCDD:	0				
ZPCNL:	0.06"				
ZPCNS:	0.6"			Date:	2/6/19

TAVG:	38	TRNOF:	M/M	TW:	-
HDD:	27	TUNV:	36/36	To:	36
ZHDD:	250	MMTS:	41/34/37		
CDD:	0				
ZCDD:	0				
ZPCNL:	0.59"				
ZPCNS:	0.6"			Date:	02/07/19

TAVG:	45	TRNOF:	M/M	TW:	-
HDD:	20	TUNV:	46/36	To:	36
ZHDD:	270	MMTS:	52/30/46		
CDD:	0				
ZCDD:	0				
ZPCNL:	1.14"				
ZPCNS:	0.6"			Date:	02/08/19

TAVG:	32	TRNOF:	M/M	TW:	-
HDD:	33	TUNV:	1615	To:	5
ZHDI:	303	MMTS:	46/16/16		
CDD:	0				
ZCDD:	0				
ZPCNL:	1.14"				
ZPCNS:	0.6"			Date:	2/11/2019

TAVG:	18	TRNOF:	M/M	TW:	-
HDD:	47	TUNV:	10/7	To:	7
ZHDI:	350	MMTS:	25/12/12		
CDD:	0				
ZCDD:	0				
ZPCNL:	1.14"				
ZPCNS:	0.6"			Date:	2/10/19

Monday, February 11, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max. 30 °F	—	72 °F	28.82 in.	CAW	24 hr. Mov.	29.00 in.	29.22 in.	0700	1300	1900
Min. 13 °F	0 m.p.h.	29.00 in.	29.00 in.	—	—	30.21 in.	30.70 in.	10/10 St	10/10 St	10/10 NS
Set	Char.	Observer	Observer	Prev. Dir.	3 hr. Tend.	—	—	Wx	Wx	Wx
27 °F	CAW	Observer	Observer	—	—	-0.4 mb	-0.4 mb	—	—	-SN
R.H. 93 %	—	Sea L.	Sea L.	Snow Depth	Observer	—	—	Vis.	Vis.	Vis.
Min. 13 °F	0 m.p.h.	29.00 in.	29.00 in.	1 in.	Observer	—	—	20 10 mi.	20 10 mi.	1 mi.
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
27 °F	CAW	Observer	Observer	—	Observer	—	—	—	—	—
R.H. 93 %	—	Sea L.	Sea L.	—	Observer	—	—	—	—	—
Min. 13 °F	0 m.p.h.	29.00 in.	29.00 in.	—	Observer	—	—	—	—	—
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
27 °F	CAW	Observer	Observer	—	Observer	—	—	—	—	—

Tuesday, February 12, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max. 29 °F	SSE	72 °F	28.80 in.	Light Green	24 hr. Mov.	28.93 in.	29.12 in.	0700	1300	1900
Min. 27 °F	5 m.p.h.	28.93 in.	28.80 in.	5	—	29.93 in.	30.22 in.	10/10 NS	10/10 NS	10/10 NS
Set	Char.	Observer	Observer	Prev. Dir.	3 hr. Tend.	—	—	Wx	Wx	Wx
28 °F	Light Green	Observer	Observer	—	—	1.5 mb	1.5 mb	-SN	-Fog/PL	-RA
R.H. 88 %	—	Sea L.	Sea L.	Snow Depth	Observer	—	—	Vis.	Vis.	Vis.
Min. 27 °F	5 m.p.h.	28.93 in.	28.80 in.	5 in.	Observer	—	—	1 mi.	1.5 mi.	2 mi.
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
28 °F	Light Green	Observer	Observer	—	Observer	—	—	—	—	—
R.H. 88 %	—	Sea L.	Sea L.	—	Observer	—	—	—	—	—
Min. 27 °F	5 m.p.h.	28.93 in.	28.80 in.	—	Observer	—	—	—	—	—
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
28 °F	Light Green	Observer	Observer	—	Observer	—	—	—	—	—

Wednesday, February 13, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max. 34 °F	W	76 °F	28.97 in.	W	24 hr. Mov.	28.59 in.	28.97 in.	0700	1300	1900
Min. 28 °F	14 m.p.h.	28.59 in.	28.97 in.	—	—	29.85 in.	29.85 in.	10/10 NS	10/10 NS	10/10 NS
Set	Char.	Observer	Observer	Prev. Dir.	3 hr. Tend.	—	—	Wx	Wx	Wx
31 °F	G21	Observer	Observer	—	—	2.0 mb	2.0 mb	-SN	-SN	-SN
R.H. 61 %	—	Sea L.	Sea L.	Snow Depth	Observer	—	—	Vis.	Vis.	Vis.
Min. 28 °F	14 m.p.h.	28.59 in.	28.97 in.	5 in.	Observer	—	—	5.10 mi.	2.5 mi.	5.10 mi.
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
31 °F	G21	Observer	Observer	—	Observer	—	—	—	—	—
R.H. 61 %	—	Sea L.	Sea L.	—	Observer	—	—	—	—	—
Min. 28 °F	14 m.p.h.	28.59 in.	28.97 in.	—	Observer	—	—	—	—	—
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
31 °F	G21	Observer	Observer	—	Observer	—	—	—	—	—

Thursday, February 14, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max. 34 °F	SW	72 °F	28.97 in.	SW	24 hr. Mov.	28.97 in.	28.97 in.	0700	1300	1900
Min. 25 °F	8 m.p.h.	28.97 in.	28.97 in.	—	—	30.27 in.	30.27 in.	10/10 CS	10/10 CS	10/10 AS
Set	Char.	Observer	Observer	Prev. Dir.	3 hr. Tend.	—	—	Wx	Wx	Wx
27 °F	Breeze	Observer	Observer	—	—	0.01 in.	0.01 in.	—	—	—
R.H. 68 %	—	Sea L.	Sea L.	Snow Depth	Observer	—	—	Vis.	Vis.	Vis.
Min. 25 °F	8 m.p.h.	28.97 in.	28.97 in.	5 in.	Observer	—	—	2.5 mi.	2.5 mi.	2.5 mi.
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
27 °F	Breeze	Observer	Observer	—	Observer	—	—	—	—	—
R.H. 68 %	—	Sea L.	Sea L.	—	Observer	—	—	—	—	—
Min. 25 °F	8 m.p.h.	28.97 in.	28.97 in.	—	Observer	—	—	—	—	—
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
27 °F	Breeze	Observer	Observer	—	Observer	—	—	—	—	—

Friday, February 15, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max. 43 °F	—	72 °F	28.47 in.	—	24 hr. Mov.	28.59 in.	28.59 in.	0700	1300	1900
Min. 27 °F	0 m.p.h.	28.59 in.	28.47 in.	—	—	29.60 in.	29.60 in.	10/10 AS	10/10 AS	10/10 AS
Set	Char.	Observer	Observer	Prev. Dir.	3 hr. Tend.	—	—	Wx	Wx	Wx
42 °F	Caln	Observer	Observer	—	—	1.0 mb	1.0 mb	—	—	—
R.H. 55 %	—	Sea L.	Sea L.	Snow Depth	Observer	—	—	Vis.	Vis.	Vis.
Min. 27 °F	0 m.p.h.	28.59 in.	28.47 in.	4 in.	Observer	—	—	20 mi.	20 mi.	25 mi.
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
42 °F	Caln	Observer	Observer	—	Observer	—	—	—	—	—
R.H. 55 %	—	Sea L.	Sea L.	—	Observer	—	—	—	—	—
Min. 27 °F	0 m.p.h.	28.59 in.	28.47 in.	—	Observer	—	—	—	—	—
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
42 °F	Caln	Observer	Observer	—	Observer	—	—	—	—	—

Saturday, February 16, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max. 50 °F	W	70 °F	28.59 in.	W	24 hr. Mov.	28.91 in.	28.91 in.	0700	1300	1900
Min. 27 °F	10 m.p.h.	28.91 in.	28.59 in.	—	—	29.89 in.	29.89 in.	10/10 St	10/10 St	10/10 St
Set	Char.	Observer	Observer	Prev. Dir.	3 hr. Tend.	—	—	Wx	Wx	Wx
27 °F	10 m.p.h.	Observer	Observer	—	—	1.0 mb	1.0 mb	—	—	—
R.H. 68 %	—	Sea L.	Sea L.	Snow Depth	Observer	—	—	Vis.	Vis.	Vis.
Min. 27 °F	10 m.p.h.	28.91 in.	28.59 in.	2 in.	Observer	—	—	2.5 mi.	2.5 mi.	2.5 mi.
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
27 °F	10 m.p.h.	Observer	Observer	—	Observer	—	—	—	—	—
R.H. 68 %	—	Sea L.	Sea L.	—	Observer	—	—	—	—	—
Min. 27 °F	10 m.p.h.	28.91 in.	28.59 in.	—	Observer	—	—	—	—	—
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
27 °F	10 m.p.h.	Observer	Observer	—	Observer	—	—	—	—	—

Sunday, February 17, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max. 36 °F	E/NE	70 °F	28.71 in.	E/NE	24 hr. Mov.	28.83 in.	28.71 in.	0700	1300	1900
Min. 19 °F	6 m.p.h.	28.83 in.	28.71 in.	—	—	29.99 in.	29.99 in.	10/10 St	10/10 St	10/10 NS
Set	Char.	Observer	Observer	Prev. Dir.	3 hr. Tend.	—	—	Wx	Wx	Wx
19 °F	light	Observer	Observer	—	—	1.5 mb	1.5 mb	—	—	PL
R.H. 77 %	—	Sea L.	Sea L.	Snow Depth	Observer	—	—	Vis.	Vis.	Vis.
Min. 19 °F	6 m.p.h.	28.83 in.	28.71 in.	2 in.	Observer	—	—	2.5 mi.	2.5 mi.	6 mi.
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
19 °F	light	Observer	Observer	—	Observer	—	—	—	—	—
R.H. 77 %	—	Sea L.	Sea L.	—	Observer	—	—	—	—	—
Min. 19 °F	6 m.p.h.	28.83 in.	28.71 in.	—	Observer	—	—	—	—	—
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
19 °F	light	Observer	Observer	—	Observer	—	—	—	—	—

Monday, February 18, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max. 34 °F	W	72 °F	28.48 in.	W	24 hr. Mov.	28.61 in.	28.48 in.	0700	1300	1900
Min. 19 °F	16 m.p.h.	28.61 in.	28.48 in.	—	—	29.79 in.	29.79 in.	10/10 St	10/10 NS	10/10 NS
Set	Char.	Observer	Observer	Prev. Dir.	3 hr. Tend.	—	—	Wx	Wx	Wx
34 °F	Breeze	Observer	Observer	—	—	0.07 in.	0.07 in.	—	-SN	-SN
R.H. 86 %	—	Sea L.	Sea L.	Snow Depth	Observer	—	—	Vis.	Vis.	Vis.
Min. 19 °F	16 m.p.h.	28.61 in.	28.48 in.	2 in.	Observer	—	—	5.15 mi.	1.5 mi.	5 mi.
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
34 °F	Breeze	Observer	Observer	—	Observer	—	—	—	—	—
R.H. 86 %	—	Sea L.	Sea L.	—	Observer	—	—	—	—	—
Min. 19 °F	16 m.p.h.	28.61 in.	28.48 in.	—	Observer	—	—	—	—	—
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
34 °F	Breeze	Observer	Observer	—	Observer	—	—	—	—	—

Tuesday, February 19, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max. 34 °F	W	70 °F	29.22 in.	W	24 hr. Mov.	29.70 in.	29.22 in.	0700	1300	1900
Min. 16 °F	5 m.p.h.	29.34 in.	29.22 in.	—	—	30.70 in.	30.70 in.	10/10 St	10/10 St	10/10 NS
Set	Char.	Observer	Observer	Prev. Dir.	3 hr. Tend.	—	—	Wx	Wx	Wx
16 °F	Light Breeze	Observer	Observer	—	—	1.0 mb	1.0 mb	—	—	—
R.H. 73 %	—	Sea L.	Sea L.	Snow Depth	Observer	—	—	Vis.	Vis.	Vis.
Min. 16 °F	5 m.p.h.	29.34 in.	29.22 in.	2 in.	Observer	—	—	2.5 mi.	2.5 mi.	2.5 mi.
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
16 °F	Light Breeze	Observer	Observer	—	Observer	—	—	—	—	—
R.H. 73 %	—	Sea L.	Sea L.	—	Observer	—	—	—	—	—
Min. 16 °F	5 m.p.h.	29.34 in.	29.22 in.	—	Observer	—	—	—	—	—
Set	Char.	Observer	Observer	—	Observer	—	—	—	—	—
16 °F	Light Breeze	Observer	Observer	—	Observer	—	—	—	—	—

Wednesday, February 20, 2019 0700 EST
 Meteorological Observatory
 University Park, PA
 General Obs.

Temp.	Wind	Barom.	Temp	Dir.	Vel.	Read.	Corr.	Clds.	Clds.	Clds.
Max.										

TAVG:	22	TROOF:	M/M	TW:	27
HDD:	43	TUNV:	27/25	To:	25
SHDD:	393	MMTS:	30/M/12		
CDD:	0				
ICDD:	0				
EPCNL: 1.20"					
EPCNS: 6.1"					
Date: 2/11/19					

TAVG:	28	TROOF:	M/M	TW:	—
HDD:	37	TUNV:	27/25	To:	25
SHDD:	430	MMTS:	31/26/27		
CDD:	0				
ICDD:	0				
EPCNL: 1.70"					
EPCNS: 5.1"					
Date: 2/12/19					

TAVG:	31	TROOF:	M/M	TW:	—
HDD:	34	TUNV:	30/19	To:	19
SHDD:	464	MMTS:	36/27/31		
CDD:	0				
ICDD:	0				
EPCNL: 2.29"					
EPCNS: 6.1"					
Date: 2/13/19					

TAVG:	28	TROOF:	M/M	TW:	—
HDD:	37	TUNV:	27/18	To:	18
SHDD:	501	MMTS:	31/25/27		
CDD:	0				
ICDD:	0				
EPCNL: 2.30"					
EPCNS: 6.5"					
Date: 02/14/19					

TAVG:	35	TROOF:	M/M	TW:	—
HDD:	30	TUNV:	39/27	To:	27
SHDD:	531	MMTS:	43/27/42		
CDD:	0				
ICDD:	0				
EPCNL: 2.30"					
EPCNS: 6.5"					
Date: 02/15/19					

TAVG:	39	TROOF:	M/M	TW:	—
HDD:	26	TUNV:	27/17	To:	17
SHDD:	557	MMTS:	31/21/7		
CDD:	0				
ICDD:	0				
EPCNL: 2.30"					
EPCNS: 6.5"					
Date: 2/16/19					

TAVG:	27	TROOF:	M/M	TW:	—
HDD:	38	TUNV:	18/17	To:	17
SHDD:	595	MMTS:	34/19/19		
CDD:	0				
ICDD:	0				
EPCNL: 2.30"					
EPCNS: 6.5"					
Date: 2/17/19					

TAVG:	27	TROOF:	M/M	TW:	33
HDD:	38	TUNV:	34/30	To:	30
SHDD:	633	MMTS:	34/19/34		
CDD:	0				
ICDD:	0				
EPCNL: 2.37"					
EPCNS: 6.7"					
Date: 2/18/19					

TAVG:	25	TROOF:	M/M	TW:	—
HDD:	40	TUNV:	14/9	To:	9
SHDD:	673	MMTS:	34/15/15		
CDD:	0				
ICDD:	0				
EPCNL: 2.37"					
EPCNS: 6.7"					
Date: 2/19/19					

TAVG:	23	TROOF:	M/M	TW:	—
HDD:	42	TUNV:	27/10	To:	10
SHDD:	715	MMTS:	36/15/27		
CDD:	0				
ICDD:	0				
EPCNL: 2.37"					
EPCNS: 6.7"					
Date: 2/20/19					

TAVG: 29	TRooF: M/M	TW: —
HDD: 36	TUNV: 32/32	TD: 32
SHDD: 751	MMTS: 34/22/33	
CDD: 0		
ECDD: 0		
EPCNL: 3.50"		
EPCNS: 11.7"		
Date: 2/21/19		

TAVG: 39	TRooF: M/M	TW: —
HDD: 26	TUNV: 32/23	TD: 23
SHDD: 777	MMTS: 46/32/32	
CDD: 0		
ECDD: 0		
EPCNL: 3.50"		
EPCNS: 11.7"		
Date: 2/22/19		

TAVG: 35	TRooF: M/M	TW: —
HDD: 30	TUNV: 28/21	TD: 21
SHDD: 807	MMTS: 42/20/28	
CDD: 0		
ECDD: 0		
EPCNL: 3.50"		
EPCNS: 11.7"		
Date: 2/23/19		

TAVG: 32	TRooF: M/M	TW: —
HDD: 33	TUNV: 36/34	TD: 34
SHDD: 840	MMTS: 36/28/35	
CDD: 0		
ECDD: 0		
EPCNL: 3.73"		
EPCNS: 11.7"		
Date: 2/24/19		

TAVG: 36	TRooF: M/M	TW: 23
HDD: 29	TUNV: 27/14	TD: 14
SHDD: 869	MMTS: 46/26/26	
CDD: 0		
ECDD: 0		
EPCNL: 3.91"		
EPCNS: 11.7"		
Date: 2/25/19		

TAVG: 26	TRooF: M/M	TW: —
HDD: 39	TUNV: 21/12	TD: 12
SHDD: 908	MMTS: 30/22/22	
CDD: 0		
ECDD: 0		
EPCNL: 3.91"		
EPCNS: 11.7"		
Date: 2/26/19		

TAVG: 25	TRooF: M/M	TW: —
HDD: 40	TUNV: 21/10	TD: 10
SHDD: 948	MMTS: 29/21/22	
CDD: 0		
ECDD: 0		
EPCNL: 3.91"		
EPCNS: 11.7"		
Date: 2/27/19		

TAVG: 30	TRooF: M/M	TW: —
HDD: 35	TUNV: 21/12	TD: 12
SHDD: 983	MMTS: 38/21/22	
CDD: 0		
ECDD: 0		
EPCNL: 3.91"		
EPCNS: 11.7"		
Date: 02/28/19		

FEVERY TEMPS:
 T_{max}: 37.1°C
 T_{min}: 22.1°C
 T_{avg}: 29.64°C + 1.84°F