

Tuesday, November 1, 2022				Meteorological Observations			
Temp. (°F)	Wind (mph)	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	58	76	58A: 0840-0930				
Minimum	43	28.81	54A: 2200-0000				
Set	52	Corrected	28.68	Character	Light	Corrected	SHRA: 2200-0000 -3A: 0740-0755
Ovnt. Low	24 hr. Mov.	Sea Level	30.02	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	68%	Precip. Solid	0.0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.08"	Snow Depth	0"	Observer	
Temp. (°F)	Wind (mph)	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	66	73	68%				
Minimum	40	29.13	68%				
Set	42	Corrected	29.00	Character	Light	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.89	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	70%	Precip. Solid	0.0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.0"	Snow Depth	0"	Observer	

Wednesday, November 2, 2022				Meteorological Observations			
Temp. (°F)	Wind (mph)	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	65	77	65				
Minimum	45	29.27	65				
Set	46	Corrected	29.13	Character	CalM	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.52	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	96%	Precip. Solid	0.0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.00"	Snow Depth	0"	Observer	
Temp. (°F)	Wind (mph)	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	69	72	69				
Minimum	41	29.35	69				
Set	46	Corrected	29.23	Character	Sh11	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.62	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	80%	Precip. Solid	0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.0	Snow Depth	0"	Observer	

Thursday, November 3, 2022				Meteorological Observations			
Temp. (°F)	Wind (mph)	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	72	75	72				
Minimum	46	29.86	72				
Set	63	Corrected	28.93	Character	Light	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.26	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	84%	Precip. Solid	0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.0"	Snow Depth	0"	Observer	
Temp. (°F)	Wind (mph) <td>Barom. (in. Hg)</td> <td>Temperature</td> <td>Direction</td> <td>Velocity</td> <td>Reading</td> <td>General Observations</td>	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	78*	72	78*				
Minimum	59	29.13	78*				
Set	59	Corrected	29.00	Character	Light	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.33	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	60%	Precip. Solid	0.0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.00"	Snow Depth	0"	Observer	

Friday, November 4, 2022				Meteorological Observations			
Temp. (°F)	Wind (mph)	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	77	74	77				
Minimum	63*	28.93	77				
Set	66	Corrected	28.80	Character	Light	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.12	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	85%	Precip. Solid	0.0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.0"	Snow Depth	0"	Observer	
Temp. (°F)	Wind (mph) <td>Barom. (in. Hg)</td> <td>Temperature</td> <td>Direction</td> <td>Velocity</td> <td>Reading</td> <td>General Observations</td>	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	70	74	70				
Minimum	39	29.45	70				
Set	39	Corrected	29.32	Character	Light	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.73	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	52%	Precip. Solid	0.0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.0"	Snow Depth	0"	Observer	

Saturday, November 5, 2022				Meteorological Observations			
Temp. (°F)	Wind (mph)	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	72	75	72				
Minimum	46	29.86	72				
Set	63	Corrected	28.93	Character	Light	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.26	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	84%	Precip. Solid	0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.0"	Snow Depth	0"	Observer	
Temp. (°F)	Wind (mph) <td>Barom. (in. Hg)</td> <td>Temperature</td> <td>Direction</td> <td>Velocity</td> <td>Reading</td> <td>General Observations</td>	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	78*	72	78*				
Minimum	59	29.13	78*				
Set	59	Corrected	29.00	Character	Light	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.33	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	60%	Precip. Solid	0.0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.00"	Snow Depth	0"	Observer	

Sunday, November 6, 2022				Meteorological Observations			
Temp. (°F)	Wind (mph)	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	77	74	77				
Minimum	63*	28.93	77				
Set	66	Corrected	28.80	Character	Light	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.12	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	85%	Precip. Solid	0.0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.0"	Snow Depth	0"	Observer	
Temp. (°F)	Wind (mph) <td>Barom. (in. Hg)</td> <td>Temperature</td> <td>Direction</td> <td>Velocity</td> <td>Reading</td> <td>General Observations</td>	Barom. (in. Hg)	Temperature	Direction	Velocity	Reading	General Observations
Maximum	70	74	70				
Minimum	39	29.45	70				
Set	39	Corrected	29.32	Character	Light	Corrected	
Ovnt. Low	24 hr. Mov.	Sea Level	30.73	24 hr. Mov.	—	Sea Level	
Rel. Humidity	Precip. Solid	3 hr. Tendancy	52%	Precip. Solid	0.0"	3 hr. Tendancy	
Precip. Liquid	Snow Depth	Observer	0.0"	Snow Depth	0"	Observer	

T <sub>avg</sub> :	51	T <sub>Roof</sub> :	52/150	T <sub>w</sub> :	55
HDD:	14	T <sub>UNV</sub> :	52/152	T <sub>D</sub> :	50
ΣHDD:	14	MMTS:	57/43/152		
CDD:	0				
ΣCDD:	0				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0.0"	Date:	11/01/2022		

T <sub>avg</sub> :	53	T <sub>Roof</sub> :	42/140	T <sub>w</sub> :	40
HDD:	12	T <sub>UNV</sub> :	37/137	T <sub>D</sub> :	35
ΣHDD:	36	MMTS:	64/40/41		
CDD:	0				
ΣCDD:	0				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0.0"	Date:	11/03/2022		

T <sub>avg</sub> :	59	T <sub>Roof</sub> :	63/59	T <sub>w</sub> :	61
HDD:	6	T <sub>UNV</sub> :	63/59	T <sub>D</sub> :	59
ΣHDD:	52	MMTS:	70/45/62		
CDD:	0				
ΣCDD:	0				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0.0	Date:	11/05/22		

T <sub>avg</sub> :	69	T <sub>Roof</sub> :	59/45	T <sub>w</sub> :	52
HDD:	0	T <sub>UNV</sub> :	57/41	T <sub>D</sub> :	45
ΣHDD:	52	MMTS:	76/58/159		
CDD:	4				
ΣCDD:	7				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0.0"	Date:	11/17/22		

T <sub>avg</sub> :	44	T <sub>Roof</sub> :	32/25	T <sub>w</sub> :	26
HDD:	21	T <sub>UNV</sub> :	45/35	T <sub>D</sub> :	23
ΣHDD:	83	MMTS:	55/31/31		
CDD:	0				
ΣCDD:	7				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0.0"	Date:	11/09/2022		

T <sub>avg</sub> :	55	T <sub>Roof</sub> :	47/45	T <sub>w</sub> :	42
HDD:	10	T <sub>UNV</sub> :	60/54	T <sub>D</sub> :	45
ΣHDD:	24	MMTS:	54/44/45		
CDD:	0				
ΣCDD:	0				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0.0"	Date:	11/02/2022		

T <sub>avg</sub> :	55	T <sub>Roof</sub> :	49/43	T <sub>w</sub> :	46
HDD:	10	T <sub>UNV</sub> :	48/41	T <sub>D</sub> :	43
ΣHDD:	46	MMTS:	67/41/45		
CDD:	0				
ΣCDD:	0				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0.0	Date:	11/04/2022		

T <sub>avg</sub> :	68	T <sub>Roof</sub> :	66/61	T <sub>w</sub> :	64
HDD:	0	T <sub>UNV</sub> :	66/61	T <sub>D</sub> :	61
ΣHDD:	52	MMTS:	71/62/66		
CDD:	3				
ΣCDD:	3				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0.0"	Date:	11/04/2022		

T <sub>avg</sub> :	55	T <sub>Roof</sub> :	40/30	T <sub>w</sub> :	34
HDD:	10	T <sub>UNV</sub> :	37/28	T <sub>D</sub> :	24
ΣHDD:	62	MMTS:	69/39/39		
CDD:	0				
ΣCDD:	7				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0.0"	Date:	11/08/2022		

T <sub>avg</sub> :	45	T <sub>Roof</sub> :	42/35	T <sub>w</sub> :	37
HDD:	20	T <sub>UNV</sub> :	36/30	T <sub>D</sub> :	28
ΣHDD:	103	MMTS:	56/31/42		
CDD:	0				
ΣCDD:	7				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0"	Date:	11/10/2022		

T <sub>avg</sub> :	45	T <sub>Roof</sub> :	42/35	T <sub>w</sub> :	37
HDD:	20	T <sub>UNV</sub> :	36/30	T <sub>D</sub> :	28
ΣHDD:	103	MMTS:	56/31/42		
CDD:	0				
ΣCDD:	7				
ΣPCN <sub>Liq</sub> :	0.08"				
ΣPCN <sub>sol</sub> :	0"	Date:	11/10/2022		

Friday, November 11, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	SE	72		05:30-06:59 -SHRA			
Minimum	Velocity	Reading					
42	3	29.6					
Set	Character	Corrected					
55	Breezy	28.87					
Ovnt. Low	24 hr. Mov.	Sea Level					
55	—	30.21					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
94%	0	+0.34					
Precip. Liquid	Snow Depth	Observer					
0.15	0	LEZ					
				0700	1300	1900	
				Clouds 10/10 St	Clouds 10/10	Clouds 10/10 NS	
				Wx	Wx	Wx	
				Visibility (mi) 5m	Visibility (mi) 10-15	Visibility (mi) 5-10	

Saturday, November 12, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	Direction	76		-RA; 1430-1545, 1700-1900, 2000-2100			
Minimum	Velocity	Reading		-D2: 1600-1610			
36	10	28.85		-BR: 1905-1955			
Set	Character	Corrected		-SN: 08			
36	Fair	28.71					
Ovnt. Low	24 hr. Mov.	Sea Level					
—	—	30.10					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
84%	+	+1.68					
Precip. Liquid	Snow Depth	Observer					
0.17	0"	MPZ					
				0700	1300	1900	
				Clouds 10/10 St	Clouds 10/10 Sc	Clouds 10/10 Cu	
				Wx	Wx	Wx	
				Visibility (mi) 25	Visibility (mi) 25	Visibility (mi) 25	

Sunday, November 13, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	Direction	77		-SHSN: 0805-0830			
Minimum	Velocity	Reading					
26	4	29.26					
Set	Character	Corrected					
29	Breezy	29.12					
Ovnt. Low	24 hr. Mov.	Sea Level					
—	—	30.55					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
75%	+	+0.06					
Precip. Liquid	Snow Depth	Observer					
—	0	KP					
				0700	1300	1900	
				Clouds 7/10 Cu	Clouds 10/10 St	Clouds 10/10 NS	
				Wx	Wx	Wx	
				Visibility (mi) 25	Visibility (mi) 5 mi	Visibility (mi) 0-5 mi	

Monday, November 14, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	Direction	77		-02: 1750-1810			
Minimum	Velocity	Reading					
32	15 mph	28.94					
Set	Character	Corrected					
32	windy	28.80					
Ovnt. Low	24 hr. Mov.	Sea Level					
—	—	30.22					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
72%	0	+0.68					
Precip. Liquid	Snow Depth	Observer					
—	1"	DO					
				0700	1300	1900	
				Clouds 9/10 St	Clouds 5+	Clouds 5+	
				Wx	Wx	Wx	
				Visibility (mi) 25 mi	Visibility (mi) 10/10	Visibility (mi) 5/10	

Tuesday, November 15, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	Direction	79		-02: 1750-1810			
Minimum	Velocity	Reading					
32	15 mph	28.94					
Set	Character	Corrected					
32	windy	28.80					
Ovnt. Low	24 hr. Mov.	Sea Level					
—	—	30.22					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
72%	0	+0.68					
Precip. Liquid	Snow Depth	Observer					
—	1"	DO					
				0700	1300	1900	
				Clouds 9/10 St	Clouds 5+	Clouds 5+	
				Wx	Wx	Wx	
				Visibility (mi) 25 mi	Visibility (mi) 10/10	Visibility (mi) 5/10	

Wednesday, November 16, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	Direction	76		0700-1500: RA, 0001: RA, -RA			
Minimum	Velocity	Reading		1501-1800: BR			
55	9 mph	28.64		1801-0215: RA, 0001: RA, -RA			
Set	Character	Corrected		* Rec Precip (010=1.40", 2021)			
55	Breezy	28.50					
Ovnt. Low	24 hr. Mov.	Sea Level					
—	—	29.83					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
77%	0"	+0.12					
Precip. Liquid	Snow Depth	Observer					
*2.76"	0"	KE					
				0700	1300	1900	
				Clouds 5+	Clouds 5+	Clouds 10/10 NS	
				Wx	Wx	Wx	
				Visibility (mi) 80-85 mi	Visibility (mi) 25	Visibility (mi) 3.5	

Thursday, November 17, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	Direction	77		-SN ~ 1253-1853			
Minimum	Velocity	Reading		-SN ~ 1553-1853			
34	5	29.20		-SN ~ 1853-1953 TP ~ 0035-0855			
Set	Character	Corrected		-RA ~ 2053 BR ~ 0553-0853			
34	Light	29.06		BR ~ 0015 BR ~ 0315-0515			
Ovnt. Low	24 hr. Mov.	Sea Level					
—	—	30.48					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
72%	+	+1.68					
Precip. Liquid	Snow Depth	Observer					
—	0"	MPZ					
				0700	1300	1900	
				Clouds 10/10 St	Clouds 9/10 Sc	Clouds 2/10 Cu	
				Wx	Wx	Wx	
				Visibility (mi) 25	Visibility (mi) 25	Visibility (mi) 80	

Friday, November 18, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	Direction	77		-SN ~ 1253-1853			
Minimum	Velocity	Reading		-SN ~ 1553-1853			
35	5 mph	28.92		-SN ~ 1853-1953 TP ~ 0035-0855			
Set	Character	Corrected		-RA ~ 2053 BR ~ 0553-0853			
35	Slight	28.78		BR ~ 0015 BR ~ 0315-0515			
Ovnt. Low	24 hr. Mov.	Sea Level					
33	—	30.20					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
96%	4.0"	+0.68					
Precip. Liquid	Snow Depth	Observer					
0.52"	3"	AS					
				0700	1300	1900	
				Clouds 9/10 Sc	Clouds 10/10 Sc	Clouds 10/10 St	
				Wx	Wx	Wx	
				Visibility (mi) 15-20 mi	Visibility (mi) 25	Visibility (mi) 25	

Saturday, November 19, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	Direction	78		-SN ~ 1253-1853			
Minimum	Velocity	Reading		-SN ~ 1553-1853			
21	21 mph	29.26		-SN ~ 1853-1953 TP ~ 0035-0855			
Set	Character	Corrected		-RA ~ 2053 BR ~ 0553-0853			
21	windy	29.12		BR ~ 0015 BR ~ 0315-0515			
Ovnt. Low	24 hr. Mov.	Sea Level					
—	—	30.58					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
65%	+	+1.35					
Precip. Liquid	Snow Depth	Observer					
—	+	D.O.					
				0700	1300	1900	
				Clouds 9/10 Ac	Clouds 9/10 St	Clouds 1/10 Cu	
				Wx	Wx	Wx	
				Visibility (mi) 25 mi	Visibility (mi) 25 mi	Visibility (mi) 25 mi	

Sunday, November 20, 2022				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	General Observations			
Maximum	Direction	78		-SHSN 0920-0950			
Minimum	Velocity	Reading		-SHSN 1130-1230			
21	21 mph	29.26		-SHSN 0215-0235			
Set	Character	Corrected					
21	windy	29.12					
Ovnt. Low	24 hr. Mov.	Sea Level					
—	—	30.58					
Rel. Humidity	Precip. Solid	3 hr. Tendency					
65%	+	+1.35					
Precip. Liquid	Snow Depth	Observer					
—	+	D.O.					
				0700	1300	1900	
				Clouds 9/10 Ac	Clouds 9/10 Ac	Clouds 1/10 Cu	
				Wx	Wx	Wx	
				Visibility (mi) 25 mi	Visibility (mi) 25 mi	Visibility (mi) 25 mi	

TAVG:	54	T <sub>Roof</sub> :	56/153	T <sub>w</sub> :	58
HDD:	11	T <sub>UNV</sub> :	55/155	T <sub>p</sub> :	57
ΣHDD:	114	MMTS:	66/42/56		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	0.33				
ΣPCN <sub>sol</sub> :	0"	Date:	11/11/2022		

TAVG:	48	T <sub>Roof</sub> :	36/32	T <sub>w</sub> :	35
HDD:	17	T <sub>UNV</sub> :	26/32	T <sub>p</sub> :	32
ΣHDD:	135	MMTS:	58/36/36		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	3.16"				
ΣPCN <sub>sol</sub> :	T	Date:	11/13/22		

TAVG:	32	T <sub>Roof</sub> :	31/24	T <sub>w</sub> :	—
HDD:	33	T <sub>UNV</sub> :	28/21	T <sub>p</sub> :	23
ΣHDD:	196	MMTS:	37/27/29		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	3.16"				
ΣPCN <sub>sol</sub> :	T	Date:	11/15/2022		

TAVG:	36	T <sub>Roof</sub> :	32/24	T <sub>w</sub> :	—
HDD:	29	T <sub>UNV</sub> :	32/23	T <sub>p</sub> :	24
ΣHDD:	257	MMTS:	38/32/32		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	3.68"				
ΣPCN <sub>sol</sub> :	4.0"	Date:	11/17/2022		

TAVG:	29	T <sub>Roof</sub> :	22/15	T <sub>w</sub> :	18
HDD:	36	T <sub>UNV</sub> :	21/14	T <sub>p</sub> :	12
ΣHDD:	326	MMTS:	35/22/22		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	3.69"				
ΣPCN <sub>sol</sub> :	4.1"	Date:	11/19/22		

TAVG:	61	T <sub>Roof</sub> :	55/50	T <sub>w</sub> :	54
HDD:	4	T <sub>UNV</sub> :	55/50	T <sub>p</sub> :	51
ΣHDD:	118	MMTS:	67/55/55		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	2.99"				
ΣPCN <sub>sol</sub> :	0"	Date:	11/12/22		

TAVG:	37	T <sub>Roof</sub> :	34/26	T <sub>w</sub> :	33
HDD:	28	T <sub>UNV</sub> :	34/25	T <sub>p</sub> :	26
ΣHDD:	163	MMTS:	39/34/34		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	3.16"				
ΣPCN <sub>sol</sub> :	T	Date:	11/14/22		

TAVG:	33	T <sub>Roof</sub> :	35/33	T <sub>w</sub> :	31
HDD:	32	T <sub>UNV</sub> :	32/31	T <sub>p</sub> :	34
ΣHDD:	228	MMTS:	35/29/35		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	3.68"				
ΣPCN <sub>sol</sub> :	4.0"	Date:	11/16/2022		

TAVG:	32	T <sub>Roof</sub> :	22/21	T <sub>w</sub> :	30
HDD:	33	T <sub>UNV</sub> :	28/18	T <sub>p</sub> :	27
ΣHDD:	290	MMTS:	35/28/29		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	3.68"				
ΣPCN <sub>sol</sub> :	4.0"	Date:	11/18/2022		

TAVG:	28	T <sub>Roof</sub> :	22/11	T <sub>w</sub> :	—
HDD:	37	T <sub>UNV</sub> :	21/9	T <sub>p</sub> :	11
ΣHDD:	363	MMTS:	33/21/21		
CDD:	0				
ΣCDD:	7				

ΣPCN <sub>Liq</sub> :	3.69				
ΣPCN <sub>sol</sub> :	4.1	Date:	11/20/2022		

Monday, November 21, 2022  
0700 EST

Meteorological Observatory  
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 29	WSW	78	-SHSN 1100-1200		
Minimum 18	6mph	29.33			
Set 20	Breezy	29.19	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 2/10 c	Clouds 2/10 c	Clouds 9/10 cir
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx	Wx	Wx
51%	T	+0.6mb	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 25mi	Visibility (mi) 25mi	Visibility (mi) 25mi
T	T	DO			

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 44	SW	78			
Minimum 20	4mph	29.30			
Set 30	light	29.16	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 9/10 cir	Clouds 9/10 cir	Clouds 9/10 cir
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx	Wx	Wx
60%	0"	+0.33mb	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 25mi	Visibility (mi) 25mi	Visibility (mi) 25mi
0"	T	DO			

Wednesday, November 23, 2022  
0700 EST

THURSDAY, 24 NOV 2022  
0700 EST

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 51	SSW	78			
Minimum 30	2mph	29.31			
Set 35	calm	29.17	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 9/10 cir	Clouds 0/10 cir	Clouds 0% cir
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx	Wx	Wx
61%	0"	+0.35mb	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 25mi	Visibility (mi) 25mi	Visibility (mi) 25
0"	0"	D.O.			

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 55	—	78			
Minimum 27	0	29.18			
Set 27	calm	29.04	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 4/10 c	Clouds	Clouds
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx (RA 0.1)	Wx	Wx
85%	0.0"	+0.7mb	(SHALLOW)		
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 25	Visibility (mi)	Visibility (mi)
0.00	0	WS			

Friday, November 25, 2022  
0700 EST

Saturday, November 26, 2022  
0700 EST

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 56	SW	78	RAIN VERY LIGHT AT OBS TIME RAIN BEGAN ~ 0300LT INTERMITTENT SHOWERS TRU 0700LT		
Minimum 27	6 MPH	28.74			
Set 41	—	28.61	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 10/10 ST	Clouds	Clouds 9/10 ST
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx	Wx	Wx
87%	0	-1.0mb	-RA	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 10	Visibility (mi)	Visibility (mi) 20
0.06	0	FJG			

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 50	W	78	-RA: 6715-0745		
Minimum 33	4	28.98			
Set 34	light	28.84	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 9/10	Clouds	Clouds 4/10 c
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx	Wx	Wx
83%	0.0"	-1.0mb	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 25	Visibility (mi)	Visibility (mi) 25
0.00	0	Moz			

Sunday, November 27, 2022  
0700 EST

Monday, November 28, 2022  
0700 EST

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 56	—	78	-RA: 0745-0815, 0805-1000, 1300-1400, 1500-1600 -DZ: 0815-0900, 1000-1100, 1215-1300 +TSP4: 1638-1710 QA: 1715-1750		
Minimum 34	0	28.63			
Set 38	calm	28.49	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 10/10 ST	Clouds 10/10 SC	Clouds 10/10 SC
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx	Wx	Wx
72%	0.0"	-1.0mb	—	—	-SHRA
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 25	Visibility (mi)	Visibility (mi) 20
0.00"	0"	Moz			

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 52	WNW	78			
Minimum 38	12	28.60			
Set 42	Breezy	28.46	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 9/10 ST	Clouds 10/10 SC	Clouds 8/10 CU
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx	Wx	Wx
83%	0.0"	+4.74mb	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 25	Visibility (mi) 25	Visibility (mi) 25
0.37"	0"	Moz			

Tuesday, November 29, 2022  
0700 EST

Wednesday 30 November 2022  
0700 EST

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 45	—	76	-DZ ~ 0700		
Minimum 36	0	28.97			
Set 36	calm	28.84	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 10/10 SC	Clouds 10/10 SC	Clouds 9/10 SC
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx	Wx	Wx
100%	0.0"	+1.35	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 25	Visibility (mi) 25	Visibility (mi) 25mi
0.00"	0"	KP			

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 46	S	78			
Minimum 36	6 MPH	28.79			
Set 45	Breezy	28.65	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds 10/10 NS	Clouds 9/10 SC	Clouds 8/10
Rel. Humidity	Precip. Solid	3 hr. Tendancy	Wx	Wx	Wx
79%	0.0"	-3.39	-DZ	RA	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi) 20-25mi	Visibility (mi) 10-15	Visibility (mi) 20mi
T	0"	AS			

T <sub>AVG</sub> : 24	T <sub>Roof</sub> : 20/18	T <sub>w</sub> : —
HDD: 404	T <sub>UNV</sub> : 18/15	T <sub>D</sub> : 8
ΣHDD: 40	MMTS: 27/18/20	
CDD: 0		
ΣCDD: 7		
ΣPCN <sub>Liq</sub> : 3.69		
ΣPCN <sub>sol</sub> : 4.1	Date: 11/21/2022	

T <sub>AVG</sub> : 41	T <sub>Roof</sub> : 38/23	T <sub>w</sub> : —
HDD: 24	T <sub>UNV</sub> : 37/19	T <sub>D</sub> : 23
ΣHDD: 461	MMTS: 50/29/35	
CDD: 0		
ΣCDD: 7		
ΣPCN <sub>Liq</sub> : 3.69"		
ΣPCN <sub>sol</sub> : 4.1"	Date: 11/23/2022	

T <sub>AVG</sub> : 42	T <sub>Roof</sub> : 41/37	T <sub>w</sub> : —
HDD: 23	T <sub>UNV</sub> : 39/35	T <sub>D</sub> : 35
ΣHDD: 508	MMTS: 55/27/41	
CDD: 0		
ΣCDD: 7		
ΣPCN <sub>Liq</sub> : 3.75"		
ΣPCN <sub>sol</sub> : 4.1"	Date: 11/25/22	

T <sub>AVG</sub> : 45	T <sub>Roof</sub> : 38/30	T <sub>w</sub> : 36
HDD: 20	T <sub>UNV</sub> : 36/30	T <sub>D</sub> : 30
ΣHDD: 551	MMTS: 54/35/38	
CDD: 0		
ΣCDD: 7		
ΣPCN <sub>Liq</sub> : 3.75"		
ΣPCN <sub>sol</sub> : 4.1"	Date: 11/27/22	

T <sub>AVG</sub> : 41	T <sub>Roof</sub> : 36/32	T <sub>w</sub> : 38
HDD: 24	T <sub>UNV</sub> : 34/30	T <sub>D</sub> : 38
ΣHDD: 595	MMTS: 45/36/36	
CDD: 0		
ΣCDD: 7		
ΣPCN <sub>Liq</sub> : 4.12"		
ΣPCN <sub>sol</sub> : 4.1"	Date: 11/29/2022	

T <sub>AVG</sub> : 32	T <sub>Roof</sub> : 35/17	T <sub>w</sub> : —
HDD: 33	T <sub>UNV</sub> : 30/14	T <sub>D</sub> : 17
ΣHDD: 437	MMTS: 43/20/29	
CDD: 0		
ΣCDD: 7		
ΣPCN <sub>Liq</sub> : 3.69		
ΣPCN <sub>sol</sub> : 4.1	Date: 11/22/2022	

T <sub>AVG</sub> : 41	T <sub>Roof</sub> : 31/25	T <sub>w</sub> : —
HDD: 24	T <sub>UNV</sub> : 27/23	T <sub>D</sub> : 23
ΣHDD: 485	MMTS: 54/27/27	
CDD: 0		
ΣCDD: 7		
ΣPCN <sub>Liq</sub> : 3.69"		
ΣPCN <sub>sol</sub> : 4.1"	Date: 11/24/22	

T <sub>AVG</sub> : 42	T <sub>Roof</sub> : 36/31	T <sub>w</sub> : 33
HDD: 23	T <sub>UNV</sub> : 32/30	T <sub>D</sub> : 31
ΣHDD: 531	MMTS: 49/33/35	
CDD: 0		
ΣCDD: 7		
ΣPCN <sub>Liq</sub> : 3.75"		
ΣPCN <sub>sol</sub> : 4.1"	Date: 11/26/22	

T <sub>AVG</sub> : 45	T <sub>Roof</sub> : 41/36	T <sub>w</sub> : 40
HDD: 20	T <sub>UNV</sub> : 41/36	T <sub>D</sub> : 36
ΣHDD: 571	MMTS: 52/37/41	
CDD: 0		
ΣCDD: 7		
ΣPCN <sub>Liq</sub> : 4.12"		
ΣPCN <sub>sol</sub> : 4.1"	Date: 11/28/22	

T <sub>AVG</sub> : 41	T <sub>Roof</sub> : 44/40	T <sub>w</sub> : 39
HDD: 24	T <sub>UNV</sub> : 43/40	T <sub>D</sub> : 39
ΣHDD: 619	MMTS: 45/36/44	
CDD: 0		
ΣCDD: 7		
NOV. NEMAS		
$\bar{T}_{max} : 53.3^{\circ}F$		
$\bar{T}_{min} : 35.4^{\circ}F$		
$\bar{T}_{mv} : 44.37^{\circ}F = +3.57^{\circ}F$		
ΣPCN <sub>Liq</sub> : 4.12"		
ΣPCN <sub>sol</sub> : 4.1"	Date: 11/30/2022	