

Sunday		0700 EST		October 1		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 78°	NE	73°	73°		0	29.70	DZ-00:55-01:55 DZ-02:15 DZ-03:55-4:15 DZ-5:53	Clouds SC	Clouds	Clouds CU
Minimum 52°						29.70		Wx	Wx	Wx
Set 54°	CalM	Corrected	29.70			29.70				
Ovrt. Low	24 hr. Mov.	Sea Level	30.53			30.53				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	+1.01			+1.01				
82%	0.0"	Observer	HC			HC				
Precip. Liquid	Snow Depth	Visibility (mi)	2.5			2.5				
0.00"	0"	Observer	HC			HC				

Tuesday		0700 EST		October 3		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 78		72	72			29.04				
Minimum 55						29.04				
Set 57	CalM	Corrected	28.91			28.91				
Ovrt. Low	24 hr. Mov.	Sea Level	30.21			30.21				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	+1.69			+1.69				
88%	0.0"	Observer	US			US				
Precip. Liquid	Snow Depth	Visibility (mi)	25-0.25			25				
0.00"	0"	Observer	US			US				

Thursday		0700 EST		October 5		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 81	WNW	72	72			29.00				
Minimum 56						29.00				
Set 57	CalM	Corrected	28.875			28.875				
Ovrt. Low	24 hr. Mov.	Sea Level	30.215			30.215				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	+1.01mb			+1.01mb				
88%	0.0"	Observer	B1			B1				
Precip. Liquid	Snow Depth	Visibility (mi)	~20mi			25mi				
0.00"	0.0"	Observer	B1			B1				

Saturday		0700 EST		October 7		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 69	NW	72	72			28.57				
Minimum 53						28.57				
Set 53	windy	Corrected	28.45			28.45				
Ovrt. Low	24 hr. Mov.	Sea Level	29.78			29.78				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	+1.35			+1.35				
90%	0.0	Observer	SL			SL				
Precip. Liquid	Snow Depth	Visibility (mi)	25			25				
0.33	0	Observer	SL			SL				

Monday		0700 EST		October 9		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 53	SW	68	68			28.19				
Minimum 41						28.19				
Set 43	breezy	Corrected	28.19			28.19				
Ovrt. Low	24 hr. Mov.	Sea Level	29.53			29.53				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	1.01			1.01				
85%	0.0"	Observer	KP			KP				
Precip. Liquid	Snow Depth	Visibility (mi)	25mi			25mi				
0"	0"	Observer	KP			KP				

Monday		0700 EST		October 2		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 77	S	73	73			29.03				
Minimum 54						29.03				
Set 56	light	Corrected	28.91			28.91				
Ovrt. Low	24 hr. Mov.	Sea Level	30.25			30.25				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	+0.33			+0.33				
93%	0.0"	Observer	KP			KP				
Precip. Liquid	Snow Depth	Visibility (mi)	0.25-1mi			25mi				
0.00"	0"	Observer	KP			KP				

Wednesday		0700 EST		October 4		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 81	S	79	79			29.06				
Minimum 57						29.06				
Set 58	calm	Corrected	28.94			28.94				
Ovrt. Low	24 hr. Mov.	Sea Level	30.40			30.40				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	+1.7mb			+1.7mb				
93%	0.0"	Observer	EH			EH				
Precip. Liquid	Snow Depth	Visibility (mi)	~1			25				
0.00"	0"	Observer	EH			EH				

Friday		0700 EST		October 6		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 76	SSW	72	72			28.74				
Minimum 57						28.74				
Set 66	light	Corrected	28.62			28.62				
Ovrt. Low	24 hr. Mov.	Sea Level	29.93			29.93				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	+1.0mb			+1.0mb				
85%	0.0	Observer	AP			AP				
Precip. Liquid	Snow Depth	Visibility (mi)	25			25				
0.00"	0.0	Observer	AP			AP				

Sunday		0700 EST		October 8		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 57	WSW	72	72			28.64				
Minimum 46						28.64				
Set 48	strong breeze	Corrected	28.48			28.48				
Ovrt. Low	24 hr. Mov.	Sea Level	29.77			29.77				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	1.03			1.03				
66%	0.0"	Observer	HC			HC				
Precip. Liquid	Snow Depth	Visibility (mi)	25			25				
0.00"	0"	Observer	HC			HC				

Tuesday		0700 EST		October 10		2023		Meteorological Observations		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	General Observations	0700	1300	1900
Maximum 56	SW	70	70			28.63				
Minimum 43						28.63				
Set 44	light	Corrected	28.51			28.51				
Ovrt. Low	24 hr. Mov.	Sea Level	29.80			29.80				
Rel. Humidity	Precip. Solid	3 hr. Tendancy	+1.35			+1.35				
85%	0.0"	Observer	NS			NS				
Precip. Liquid	Snow Depth	Visibility (mi)	25			25				
0.0"	0"	Observer	NS			NS				

T _{AVG} : 65	T _{Roof} : 56/50	T _w : 51
HDD: 0	T _{UNV} : 50/50	T _D : 49°
ΣHDD: 0	MMTS: 72/52/53	58h
CDD: 0		59W
ΣCDD: 0		
ΣPCN _{Liq} : 0.01		
ΣPCN _{Sol} : 0.01	Date: 10/01/2023	

T _{AVG} : 66	T _{Roof} : 56/54	T _w : 57
HDD: 0	T _{UNV} : 54/52	T _D : 54
ΣHDD: 0	MMTS: 75/53/54	
CDD: 0		
ΣCDD: 1		
ΣPCN _{Liq} : 0.01		
ΣPCN _{Sol} : 0.0	Date: 10/02/2023	

T _{AVG} : 67	T _{Roof} : 56/55	T _w : 55
HDD: 0	T _{UNV} : 54/54	T _D : 54
ΣHDD: 0	MMTS: 76/54/56	
CDD: 2		
ΣCDD: 3		
ΣPCN _{Liq} : 0.01		
ΣPCN _{Sol} : 0.0	Date: 10/03/2023	

T _{AVG} : 69	T _{Roof} : 58/56	T _w : 57
HDD: 0	T _{UNV} : 57/57	T _D : 56
ΣHDD: 0	MMTS: 79/56/57	
CDD: 4		
ΣCDD: 7		
ΣPCN _{Liq} : 0.01		
ΣPCN _{Sol} : 0.0	Date: 10/04/2023	

T _{AVG} : 69	T _{Roof} : 58/54	T _w : 57
HDD: 0	T _{UNV} : 54/54	T _D : 55
ΣHDD: 0	MMTS: 78/55/56	
CDD: 4		
ΣCDD: 11		
ΣPCN _{Liq} : 0.01		
ΣPCN _{Sol} : 0.0	Date: 10/05/2023	

T _{AVG} : 67	T _{Roof} : 64/61	T _w : 63
HDD: 0	T _{UNV} : 64/64	T _D : 61
ΣHDD: 0	MMTS: 73/56/63	
CDD: 2		
ΣCDD: 13		
ΣPCN _{Liq} : 0.01		
ΣPCN _{Sol} : 0.0	Date: 10/06/23	

T _{AVG} : 61	T _{Roof} : 52/50	T _w : 53
HDD: 4	T _{UNV} : 54/54	T _D : 50
ΣHDD: 4	MMTS: 58/52/52	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 0.34		
ΣPCN _{Sol} : 0.0	Date: 10/7/23	

T _{AVG} : 51	T _{Roof} : 46/37	T _w : 43°
HDD: 14	T _{UNV} : 46/37	T _D : 39°
ΣHDD: 18	MMTS: 57/46/47	
CDD: 0		D50
ΣCDD: 13		W45
ΣPCN _{Liq} : 0.40		
ΣPCN _{Sol} : 0.0	Date: 10/08/23	

T _{AVG} : 47	T _{Roof} : 42/38	T _w : 44
HDD: 18	T _{UNV} : 41/37	T _D : 38
ΣHDD: 36	MMTS: 52/41/42	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 0.40		
ΣPCN _{Sol} : 0.0	Date: 10/09/2023	

T _{AVG} : 50	T _{Roof} : 43/41	T _w : 42
HDD: 15	T _{UNV} : 43/41	T _D : 40
ΣHDD: 51	MMTS: 55/41/44	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 0.40		
ΣPCN _{Sol} : 0.0	Date: 10/10/2023	

Wednesday 0700 EST October 11, 2023 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	2235-2255; -D2		
Maximum	Direction	Temperature			
61	SW	70			
Minimum	Velocity	Reading			
44	3 mph	28.72"			
Set	Character	Corrected			
49	1.5kt	28.61"	0700	1300	1900
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
49	—	30.07"	7/10 Sc	8/10 St	2/10 C
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
76%	0.01"	+1.7	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
—	0.11	EH	25	25	25

Friday 0700 EST Oct 13th 2023 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	05:15-05:30PM -D2		
Maximum	Direction	Temperature			
61	NE	70			
Minimum	Velocity	Reading			
46	2	28.91	0700	1300	1900
Set	Character	Corrected			
46	calm	28.79			
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
—	—	30.17	4/10 C	4/10 C	Clouds
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
86%	0.0	+1.02ms	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
—	0	AP	20	25	

Sunday 0700 EST October 15 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	RA-08:45-13:45 D2-13:45-17:05 RA-17:05-01:05		
Maximum	Direction	Temperature			
470	NNW	69°			
Minimum	Velocity	Reading			
440	4	28.60"	0700	1300	1900
Set	Character	Corrected			
460	breeze	28.48"			
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
—	—	29.77"	4/10 Sc	4/10 Sc	5/10 Sc
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
72%	0.0	1.02mb	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
0.87"	0"	HC	25		25mi

Tuesday 0700 EST October 17, 2023 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	-SHRA: 1200-1230		
Maximum	Direction	Temperature			
57	NW	72			
Minimum	Velocity	Reading			
46	3	28.84	0700	1300	1900
Set	Character	Corrected			
48	light	28.71			
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
47	—	30.01	8/10 Sc	14/10 Sc	10/10 Sc
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
79%	0.0"	+1.169	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
—	0"	N5	25mi	25mi	25mi

Thursday 0700 EST October 19th 2023 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	Direction	Temperature			
54	—	72			
Minimum	Velocity	Reading			
38	0 mph	28.88"	0700	1300	1900
Set	Character	Corrected			
39	CalM	28.76"			
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
—	—	30.14"	4/10	10/10 St	7/10 St
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
92%	0.01"	1-.33ms	VLEFG	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
0.00"	0.01"	B1	25mi	25	25

Thursday 0700 EST October 12th 2023 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	Direction	Temperature			
67	S	70			
Minimum	Velocity	Reading			
43	2 mph	28.70"	0700	1300	1900
Set	Character	Corrected			
47	CalM	28.58"			
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
—	—	29.93"	10/10 As	9/10 St	8/10 C
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
79%	0.01"	+1.67mb	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
0.00"	0.01"	B1	25	25 mi	25

Saturday 0700 EST October 14, 2023 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	-RA: 03:30-03:45 04:00-04:10 04:45-07:45 RA: 04:30-05:45 +RA: 05:45-06:15 07:30-07:45		
Maximum	Direction	Temperature			
62	NE	70			
Minimum	Velocity	Reading			
45	6	28.51	0700	1300	1900
Set	Character	Corrected			
46	breezy	28.39			
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
—	—	29.74	4/10 St	4/10 St	NS 10/10
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
93%	0.0"	+1.43ms	—	—	-RA
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
0.58"	0"	SL	25		1

Monday, October 16, 2023 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	OCUL SHRA: 1330-1530		
Maximum	Direction	Temperature			
54	W	70			
Minimum	Velocity	Reading			
44	2 mph	28.51	0700	1300	1900
Set	Character	Corrected			
40	light	28.63			
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
—	—	29.99	9/10 Sc	8/10 St	5/10 Sc
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
86%	0.0"	+1.033	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
0.01"	0"	LP	25mi	25mi	25mi

Wednesday 0700 EST October 18, 2023 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	Direction	Temperature			
53	S	72			
Minimum	Velocity	Reading			
47	2 mph	29.00"	0700	1300	1900
Set	Character	Corrected			
48	light	28.81"			
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
48	—	30.37"	9/10 Sc	9/10 St	6/10 C
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
83%	0.01"	+1.136	—	—	—
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
0.001"	0.11"	EH	25	25	25

Friday 0700 EST Oct 20th 2023 Meteorological Observatory University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	Direction	Temperature			
61	S	72			
Minimum	Velocity	Reading			
39	4	28.54	0700	1300	1900
Set	Character	Corrected			
55	light	28.42			
Ovnt. Low	24 hr. Mov.	Sea Level	Clouds	Clouds	Clouds
54	—	29.76	10/10 C	10/10 C	5/10 St
Rel. Humidity	Precip. Solid	3 hr. Tendency	Wx	Wx	Wx
94%	0.0"	1.16ms	-Ra	Ra	FG
Precip. Liquid	Snow Depth	Observer	Visibility (mi)	Visibility (mi)	Visibility (mi)
0.02"	0.0"	AP	25	25	25

T _{AVG} :	53	T _{Roof} :	48/42	T _w :	45
HDD:	12	T _{UNV} :	48/37	T _D :	42
ΣHDD:	63	MMTS:	59/44/48		
CDD:	0				
ΣCDD:	13				
ΣPCN _{Liq} :	0.4011				
ΣPCN _{sol} :	0.0011				
		Date:	10/11/2023		

T _{AVG} :	55	T _{Roof} :	46/42	T _w :	46
HDD:	10	T _{UNV} :	45/43	T _D :	43
ΣHDD:	73	MMTS:	65/43/46		
CDD:	0				
ΣCDD:	13				
ΣPCN _{Liq} :	0.4611				
ΣPCN _{sol} :	0.0011				
		Date:	10/12/2023		

T _{AVG} :	54	T _{Roof} :	46/44	T _w :	44
HDD:	11	T _{UNV} :	45/45	T _D :	42
ΣHDD:	84	MMTS:	60/44/44		
CDD:	0				
ΣCDD:	13				
ΣPCN _{Liq} :	0.4011				
ΣPCN _{sol} :	0.0011				
		Date:	10/13/23		

T _{AVG} :	54	T _{Roof} :	46/44	T _w :	45
HDD:	11	T _{UNV} :	45/45	T _D :	44
ΣHDD:	95	MMTS:	60/44/45		
CDD:	0				
ΣCDD:	13				
ΣPCN _{Liq} :	0.4811				
ΣPCN _{sol} :	0.0011				
		Date:	10/14/23		

T _{AVG} :	46	T _{Roof} :	46/41	T _w :	42
HDD:	19	T _{UNV} :	46/41	T _D :	38
ΣHDD:	114	MMTS:	46/44/46		
CDD:	0			W45	
ΣCDD:	13			D44	
ΣPCN _{Liq} :	1.8511				
ΣPCN _{sol} :	0.01				
		Date:	10/15/2023		

T _{AVG} :	49	T _{Roof} :	45/41	T _w :	45
HDD:	10	T _{UNV} :	45/39	T _D :	41
ΣHDD:	180	MMTS:	52/44/45		
CDD:	0				
ΣCDD:	13				
ΣPCN _{Liq} :	1.8611				
ΣPCN _{sol} :	0.01				
		Date:	10/16/2023		

T _{AVG} :	52	T _{Roof} :	47/43	T _w :	45
HDD:	13	T _{UNV} :	48/41	T _D :	43
ΣHDD:	143	MMTS:	56/43/47		
CDD:	0				
ΣCDD:	13				
ΣPCN _{Liq} :	1.8611				
ΣPCN _{sol} :	0.01				
		Date:	10/17/2023		

T _{AVG} :	50	T _{Roof} :	47/44	T _w :	46
HDD:	15	T _{UNV} :	46/46	T _D :	44
ΣHDD:	158	MMTS:	52/46/46		
CDD:	0				
ΣCDD:	13				
ΣPCN _{Liq} :	1.8611				
ΣPCN _{sol} :	0.011				
		Date:	10/18/2023		

T _{AVG} :	46	T _{Roof} :	39/39	T _w :	38
HDD:	19	T _{UNV} :	36/36	T _D :	37
ΣHDD:	177	MMTS:	53/38/38		
CDD:	0				
ΣCDD:	13				
ΣPCN _{Liq} :	1.8611				
ΣPCN _{sol} :	0.01				
		Date:	10/19/2023		

T _{AVG} :	50	T _{Roof} :	54/49	T _w :	54
HDD:	15	T _{UNV} :	54/48	T _D :	53
ΣHDD:	192	MMTS:	60/58/53		
CDD:	0				
ΣCDD:	13				
ΣPCN _{Liq} :	1.8811				
ΣPCN _{sol} :	0.01				
		Date:	10/20/23		

October 21st, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
56	SW	71	RA: 0830-0900AM 0700-0730PM 0200-0220PM		5	28.16	28.04	Clouds Cu	Clouds	Clouds
Minimum	51		RA: 1100-1130AM 0300-0430PM 0600-0630PM 0400-0415AM							
Set	52	Character			Breezy	28.04	28.04	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	29.35	29.35	7/10 St	Clouds	Clouds
Rel. Humidity	96%	Precip. Solid			0.0"	+0.68mb	+0.68mb	breezy	Wx	Wx
Precip. Liquid	0.15"	Snow Depth			0"	SL	SL	Visibility (mi)	Visibility (mi)	Visibility (mi)
								25	25	2

Monday, October 23, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
Maximum	53	71			W	28.09	28.09	Clouds	Clouds	Clouds
Minimum	36				2mph	28.09	28.09	210 Cu	910	410 Cu
Set	37	Character			light	28.94	28.94	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	30.34	30.34	Wx	Wx	Wx
Rel. Humidity	83%	Precip. Solid			0.0"	+1.09	+1.09	—	—	—
Precip. Liquid	0.00"	Snow Depth			0"	LP	LP	25mi	25	25

Wednesday, October 25, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
Maximum	71	72			S	29.21	29.09	Clouds St	Clouds St	Clouds
Minimum	38				1mph	29.21	29.21	710 Sc	410 Sc	610 Sc
Set	49	Character			calm	29.09	29.09	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	30.59	30.59	Wx	Wx	Wx
Rel. Humidity	77%	Precip. Solid			0.011	50.34"	50.34"	—	—	—
Precip. Liquid	0.0011	Snow Depth			0.11	EH	EH	25	25	25

Friday, October 27, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
Maximum	76	72			SW	28.92	28.80	Clouds St	Clouds St	Clouds
Minimum	49				5mph	28.92	28.80	810	510 Cu	710 Cu
Set	61	Character			Light	28.80	28.80	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	30.12	30.12	Wx	Wx	Wx
Rel. Humidity	78%	Precip. Solid			0.0"	+1.67mb	+1.67mb	—	—	—
Precip. Liquid	0.00"	Snow Depth			0.0"	B1	B1	25	25	25

Sunday, October 29, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
Maximum	69	72			NE	28.96	28.83	Clouds NB	Clouds	Clouds
Minimum	48				4	28.96	28.96	RA	Wx	Wx
Set	48	Character			Breeze	28.83	28.83	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	30.14	30.14	190 NB	190 NB	1010 Sc
Rel. Humidity	93%	Precip. Solid			0.00	10.31	10.31	RA	Wx	Wx
Precip. Liquid	0.34"	Snow Depth			0"	HC	HC	2.1	2.1	5mi

DZ-10:55-11:05
RA-06:05-06 time

Sunday, October 29, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
Maximum	54	70			WSW	28.68	28.54	Clouds Sc	Clouds	Clouds
Minimum	43				8	28.68	28.68	910 Sc	110 Sc	210 Cu
Set	46	Character			Breeze	28.54	28.54	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	29.83	29.83	910 Sc	110 Sc	210 Cu
Rel. Humidity	72%	Precip. Solid			0.01	+2.3mb	+2.3mb	—	—	—
Precip. Liquid	0.011"	Snow Depth			0"	HC	HC	25	25	25mi

02-13:40

Tuesday, October 24, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
Maximum	61	71			S	29.12	29.00	Clouds Cc	Clouds Cs	Clouds
Minimum	37				1	29.12	29.00	110 Cs	110 Cs	110 Ci
Set	38	Character			light	29.00	29.00	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	30.31	30.31	Wx	Wx	Wx
Rel. Humidity	82%	Precip. Solid			0.0	71.02	71.02	—	—	—
Precip. Liquid	0.00	Snow Depth			0.0	NT	NT	25	25	25

Thursday, October 26, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
Maximum	75	72			—	29.14	29.01	Clouds Ac	Clouds Ac	Clouds
Minimum	48				0mph	29.14	29.01	510 Ci	910 Cs	810 Ci
Set	49	Character			calm	29.01	29.01	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	30.38	30.38	Wx	Wx	Wx
Rel. Humidity	74%	Precip. Solid			0.01	+1.67mb	+1.67mb	—	—	—
Precip. Liquid	0.001"	Snow Depth			0.01	B1	B1	25mi	25mi	25mi

Saturday, October 28, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
Maximum	78	66			SSW	28.76	28.65	Clouds St	Clouds	Clouds
Minimum	60				5	28.76	28.65	710 Cu	Wx	Clouds
Set	65	Character			Breezy	28.65	28.65	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	29.96	29.96	Wx	Wx	Wx
Rel. Humidity	84%	Precip. Solid			0.0"	+10.34s	+10.34s	—	—	—
Precip. Liquid	0.00"	Snow Depth			0"	SL	SL	25	25	2

-RA: 2030
-RA: 2030

Monday, October 30, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900
Maximum	51	72			S	28.55	28.43	Clouds Oc	Clouds	Clouds
Minimum	47				1mph	28.55	28.43	1010 Oc	1010 Oc	610 Cu
Set	51	Character			light	28.43	28.43	0700	1300	1900
Ovnt. Low	—	24 hr. Mov.			—	29.77	29.77	Wx	Wx	Wx
Rel. Humidity	94%	Precip. Solid			0.0"	-0.67	-0.67	-PA	—	—
Precip. Liquid	0.37"	Snow Depth			0"	LP	LP	2mi	25	25mi

-RA 00UL: 08-0400, 0600-08
RA: 03-0400, 0600-08

TAVG: 54	T _{Roof} : 51/50	T _w : 51
HDD: 11	T _{Unv} : 52/50	T _D : 51
ΣHDD: 203	MMTS: 55/14/51	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 2.03"		
ΣPCN _{sol} : 0.0"	Date: 10/21/23	

TAVG: 49 ⁰	T _{Roof} : 45/37	T _w : 42 ⁰
HDD: 16	T _{Unv} : 45/37	T _D : 32 ⁰
ΣHDD: 219	MMTS: 55/40/46	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 2.04"		
ΣPCN _{sol} : 0.0"	Date: 10/22/2023	

TAVG: 45	T _{Roof} : 37/33	T _w : 37
HDD: 20	T _{Unv} : 37/30	T _D : 33
ΣHDD: 239	MMTS: 52/37/37	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 2.04"		
ΣPCN _{sol} : 0.0"	Date: 10/23/2023	

TAVG: 49	T _{Roof} : 38/35	T _w : 36
HDD: 16	T _{Unv} : 34/32	T _D : 34
ΣHDD: 255	MMTS: 59/37/38	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 2.04"		
ΣPCN _{sol} : 0.0"	Date: 10/24/2023	

TAVG: 55	T _{Roof} : 49/43	T _w : 46
HDD: 10	T _{Unv} : 46/43	T _D : 43
ΣHDD: 366	MMTS: 69/37/48	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 2.04"		
ΣPCN _{sol} : 0.0"	Date: 10/25/2023	

TAVG: 62	T _{Roof} : 50/42	T _w : 47
HDD: 3	T _{Unv} : 50/41	T _D : 43
ΣHDD: 268	MMTS: 74/48/48	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 2.04"		
ΣPCN _{sol} : 0.0"	Date: 10/26/2023	

TAVG: 63	T _{Roof} : 61/52	T _w : 57
HDD: 2	T _{Unv} : 57/50	T _D : 54
ΣHDD: 270	MMTS: 75/48/60	
CDD: 0		
ΣCDD: 13		
ΣPCN _{Liq} : 2.04"		
ΣPCN _{sol} : 0.0"	Date: 10/27/2023	

TAVG: 69	T _{Roof} : 65/60	T _w : 63
HDD: 0	T _{Unv} : 64/61	T _D : 60
ΣHDD: 270	MMTS: 75/60/54	
CDD: 4		
ΣCDD: 17		
ΣPCN _{Liq} : 2.04"		
ΣPCN _{sol} : 0.0"	Date: 10/28/2023	

TAVG: 59 ⁰	T _{Roof} : 48/48	T _w : 47 ⁰
HDD: 6	T _{Unv} : 48/48	T _D : 46
ΣHDD: 276	MMTS: 68/48/48	
CDD: 0		
ΣCDD: 17		
ΣPCN _{Liq} : 2.38"		
ΣPCN _{sol} : 0.0"	Date: 10/29/2023	

TAVG: 49	T _{Roof} : 51/49	T _w : 52
HDD: 16	T _{Unv} : 50/50	T _D : 51
ΣHDD: 292	MMTS: 51/46/50	
CDD: 0		
ΣCDD: 17		
ΣPCN _{Liq} : 2.75"		
ΣPCN _{sol} : 0.0"	Date: 10/30/2023	

Tuesday 0700 EST October 31st 2023

General Observations

-RA: 08-1130
DE: 1530-1600

Temp. (°F)	Wind (mph)	Barom. (in.Hg)			
Maximum 54	Direction SW	Temperature 68.0			
Minimum 34	Velocity 3	Reading 28.98			
Set 35	Character light	Corrected 28.86	0700	1300	1900
Ovrt. Low —	24 hr. Mov. —	Sea Level 30.18	Clouds sc	Clouds sc	Clouds sc
Rel. Humidity 89%	Precip. Solid 0.01"	3 hr. Tendency ↑1.35	Wx —	Wx —	Wx —
Precip. Liquid 0.17	Snow Depth 0"	Observer NJ	Visibility (mi) 2.5	Visibility (mi) 2.5	Visibility (mi) nas

Tavg: 44	T _{roof} : 35/32	T _w : 33
HDD: 21	T _{unv} : 34/34	T _d : 32
ΣHDD: 313	MMTS: 53/34/35	
CDD: 0		
ΣCDD: 17	OCT. TEMPS	
	T _{max} : 63.9 °F	
	T _{min} : 46.5 °F	
	T _{act} : 55.18 °F (43.28 °F)	
ΣPCN _{lq} : 2.92		
ΣPCN _{sol} : 0.0"		Date: 10/31/2023