

Friday 0700 EST				December 1 st 2023				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
49	S	30.8	68	5	0	28.89	28.77	Clouds 7/10 cu	Clouds 5c	Clouds 10/10 cu	Wx 10/10 cu
Minimum	28	0	0	0	0	28.89	28.89	Wx	Wx	Wx	Wx
Set	38	Character	5th	Character	5th	28.77	28.77	0700	1300	1900	General Observations
Ovnt. Low	38	24 hr. Mov.	—	24 hr. Mov.	—	30.18	30.18	7/10 cu	10/10 cu	10/10 cu	Wx 10/10 cu
Rel. Humidity	74%	Precip. Solid	0.0"	3 hr. Tendancy	—	+10.0mb	—	Wx	RA	Wx	Wx
Precip. Liquid	0.00"	Snow Depth	0"	Observer	AP	AP	AP	Visibility (mi)	25	25	25

Sunday 0700 EST				December 3				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
Maximum	60	E	70	E	5	28.60	28.60	RA-10:25-00:25	RA-01:35-01:55	RA-05:45-08:00	RA-05:45-08:00
Minimum	39	5	28.60	5	28.60	28.60	28.60	Clouds 10/10 NS	Clouds 10/10 NS	Clouds 10/10 NS	Clouds 10/10 NS
Set	49	Character	BREEZE	Character	BREEZE	28.47	28.47	0700	1300	1900	General Observations
Ovnt. Low	44	24 hr. Mov.	—	24 hr. Mov.	—	29.24	29.24	Clouds 10/10 NS	Clouds 10/10 NS	Clouds 10/10 NS	Clouds 10/10 NS
Rel. Humidity	100%	Precip. Solid	0.0"	3 hr. Tendancy	—	+1.35mb	—	Wx	RA	Wx	Wx
Precip. Liquid	0.05"	Snow Depth	0"	Observer	HC	HC	HC	Visibility (mi)	2	2	20 mi

Tuesday 0700 EST				December 5 th 2023				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
Maximum	45	SSW	67	SSW	8 mph	28.93	28.82	Clouds 10/10 S	Clouds 10/10 S	Clouds 10/10 S	Clouds 10/10 S
Minimum	35	8 mph	28.93	8 mph	28.93	28.93	28.93	Wx	Wx	Wx	Wx
Set	35	Character	Breezy	Character	Breezy	28.82	28.82	0700	1300	1900	General Observations
Ovnt. Low	—	24 hr. Mov.	—	24 hr. Mov.	—	30.13	30.13	Clouds 10/10 S	Clouds 10/10 S	Clouds 10/10 S	Clouds 10/10 S
Rel. Humidity	82%	Precip. Solid	0.0	3 hr. Tendancy	—	+1.0.34mb	—	Wx	Wx	Wx	Wx
Precip. Liquid	T	Snow Depth	0	Observer	NS	NS	NS	Visibility (mi)	25	25	25

Thursday 0700 EST				December 7 th 2023				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
Maximum	38	SW	68	SW	5 mph	28.84	28.73	-SHSN: 0700-0830	-SHSN: 1130-1300	-SHSN: 0400-0700	-SHSN: 0400-0700
Minimum	31	5 mph	28.84	5 mph	28.84	28.84	28.84	Wx	Wx	Wx	Wx
Set	32	Character	Breezy	Character	Breezy	28.73	28.73	0700	1300	1900	General Observations
Ovnt. Low	—	24 hr. Mov.	—	24 hr. Mov.	—	30.13	30.13	Clouds 10/10 S	Clouds 10/10 S	Clouds 10/10 S	Clouds 10/10 S
Rel. Humidity	90%	Precip. Solid	0.2"	3 hr. Tendancy	—	-1.67mb	—	Wx	Wx	Wx	Wx
Precip. Liquid	0.02"	Snow Depth	T	Observer	B1	B1	B1	Visibility (mi)	25 mi	25 mi	25 mi

Saturday 0700 EST				December 9, 2023				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
Maximum	54	SE	67	SE	1	28.76	28.65	Clouds 5c	Clouds 10/10 cu	Clouds 9/10	Clouds 9/10
Minimum	28	1	28.76	1	28.76	28.76	28.76	Wx	Wx	Wx	Wx
Set	35	Character	calm	Character	calm	28.65	28.65	0700	1300	1900	General Observations
Ovnt. Low	34	24 hr. Mov.	—	24 hr. Mov.	—	30.04	30.04	Clouds 10/10 cu	Clouds 9/10	Clouds 9/10	Clouds 9/10
Rel. Humidity	92%	Precip. Solid	0.0"	3 hr. Tendancy	—	+1.35mb	—	Wx	Wx	Wx	Wx
Precip. Liquid	0.00"	Snow Depth	0"	Observer	SL	SL	SL	Visibility (mi)	25	25	2

Saturday 0700 EST				December 2 nd 2023				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
Maximum	42	WSW	68	WSW	2	28.65	28.54	-DZ: 0900-1015	-DZ: 0315-0330	-DZ: 0900-1015	-DZ: 0315-0330
Minimum	37	2	28.65	2	28.65	28.65	28.65	1700-1730	1700-1730	1700-1730	1700-1730
Set	39	Character	calm	Character	calm	28.54	28.54	0000-0015	0000-0015	0000-0015	0015-0045
Ovnt. Low	—	24 hr. Mov.	—	24 hr. Mov.	—	29.91	29.91	1400-1430	1400-1430	1400-1430	1400-1430
Rel. Humidity	100%	Precip. Solid	0.0"	3 hr. Tendancy	—	+1.02mb	—	2205-2235	2205-2235	2205-2235	2205-2235
Precip. Liquid	0.11"	Snow Depth	0"	Observer	SL	SL	SL	0700	1300	1900	General Observations

Monday 0700 EST				December 4, 2023				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
Maximum	50	SSW	68	SSW	40	28.67	28.56	RA: 0800-0830	RA: 0830-0930	RA: 0830-0930	RA: 0830-0930
Minimum	40	7 mph	28.67	7 mph	40	28.67	28.67	1600-1630	1600-1630	1600-1630	1600-1630
Set	41	Character	breezy	Character	breezy	28.56	28.56	0000-0015	0000-0015	0000-0015	0000-0015
Ovnt. Low	—	24 hr. Mov.	—	24 hr. Mov.	—	29.93	29.93	1010 5c	1010 5c	1010 5c	1010 5c
Rel. Humidity	63%	Precip. Solid	T	3 hr. Tendancy	—	+1.02mb	—	Wx	Wx	Wx	Wx
Precip. Liquid	0.36"	Snow Depth	0"	Observer	LP	LP	LP	Visibility (mi)	25 mi	25 mi	25 mi

Wednesday 0700 EST				December 6, 2023				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
Maximum	38	NW	68	NW	31	28.82	28.71	-SN: 0830-0515	-SN: 0830-0515	-SN: 0830-0515	-SN: 0830-0515
Minimum	31	5 mph	28.82	5 mph	31	28.82	28.82	-SHSN: 0630-0700	-SHSN: 0630-0700	-SHSN: 0630-0700	-SHSN: 0630-0700
Set	33	Character	breezy	Character	breezy	28.71	28.71	0700	1300	1900	General Observations
Ovnt. Low	—	24 hr. Mov.	—	24 hr. Mov.	—	30.22	30.22	Clouds 5c	Clouds 8/10 cu	Clouds 9/10	Clouds 9/10
Rel. Humidity	86%	Precip. Solid	T	3 hr. Tendancy	—	+1.36mb	—	Wx	Wx	Wx	Wx
Precip. Liquid	0.03"	Snow Depth	T	Observer	EH	EH	EH	Visibility (mi)	25	25	25

Friday 0700 EST				December 8, 2023				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
Maximum	41	ENE	68	ENE	25	28.90	28.78	-SHSN: 0700-0930	-SHSN: 0700-0930	-SHSN: 0700-0930	-SHSN: 0700-0930
Minimum	25	2	28.90	2	28.90	28.90	28.90	Wx	Wx	Wx	Wx
Set	30	Character	slight	Character	slight	28.78	28.78	0700	1300	1900	General Observations
Ovnt. Low	—	24 hr. Mov.	—	24 hr. Mov.	—	30.21	30.21	Clouds 5/10 S	Clouds 2/10	Clouds 9/10	Clouds 9/10
Rel. Humidity	100%	Precip. Solid	T	3 hr. Tendancy	—	+1.68mb	—	Wx	Wx	Wx	Wx
Precip. Liquid	T	Snow Depth	0"	Observer	AB	AB	AB	Visibility (mi)	25	25	25

Sunday 0700 EST				December 10				Meteorological Observatory University Park, PA			
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	Temperature	Direction	Velocity	Reading	Corrected	0700	1300	1900	General Observations
Maximum	51	WSW	70	WSW	39	28.73	28.61	-DZ: 0240-0310	-DZ: 0240-0310	-DZ: 0240-0310	-DZ: 0240-0310
Minimum	39	5	28.73	5	28.73	28.73	28.73	1700-1730	1700-1730	1700-1730	1700-1730
Set	49	Character	BREEZE	Character	BREEZE	28.61	28.61	0000-0015	0000-0015	0000-0015	0000-0015
Ovnt. Low	45	24 hr. Mov.	—	24 hr. Mov.	—	29.91	29.91	1010 NS	1010 NS	1010 NS	1010 NS
Rel. Humidity	100%	Precip. Solid	0.0"	3 hr. Tendancy	—	+0.3mb	—	Wx	Wx	Wx	Wx
Precip. Liquid	0.25"	Snow Depth	0"	Observer	HC	HC	HC	Visibility (mi)	2.7	2.7	10 mi

Tavg:	39	T _{Roof} :	40/30	T _w :	35
HDD:	26	T _{UNV} :	36/28	T _D :	30
ΣHDD:	26	MMTS:	48/28/38		
CDD:	0				
ΣCDD:	0				
SPCN _{Liq} :		0.00"			
SPCN _{Sol} :		0.0"		Date: 12/1/23	

Tavg:	50	T _{Roof} :	48/48	T _w :	490
HDD:	15	T _{UNV} :	48/48	T _D :	490
ΣHDD:	86	MMTS:	37/38/40		
CDD:	0			50W	
ΣCDD:	0			50d	
SPCN _{Liq} :		0.16"			
SPCN _{Sol} :		0.0		Date: 12/6/2023	

Tavg:	40	T _{Roof} :	35/32	T _w :	33
HDD:	25	T _{UNV} :	36/30	T _D :	30
ΣHDD:	111	MMTS:	41/35/35		
CDD:	0				
ΣCDD:	0				
SPCN _{Liq} :		0.52"			
SPCN _{Sol} :		T		Date: 12/05/2023	

Tavg:	35	T _{Roof} :	31/29	T _w :	31
HDD:	30	T _{UNV} :	30/30	T _D :	29
ΣHDD:	171	MMTS:	37/30/31		
CDD:	0				
ΣCDD:	0				
SPCN _{Liq} :		0.57"			
SPCN _{Sol} :		0.2"		Date: 12/07/2023	

Tavg:	41	T _{Roof} :	37/33	T _w :	32
HDD:	24	T _{UNV} :	36/32	T _D :	33
ΣHDD:	225	MMTS:	53/29/34		
CDD:	0				
ΣCDD:	0				
SPCN _{Liq} :		0.57"			
SPCN _{Sol} :		0.2"		Date: 12/9/23	

Tavg:	40	T _{Roof} :	39/37	T _w :	39
HDD:	25	T _{UNV} :	39/39	T _D :	39
ΣHDD:	51	MMTS:	41/37/39		
CDD:	0				
ΣCDD:	0				
SPCN _{Liq} :		0.11"			
SPCN _{Sol} :		0.0"		Date: 12/2/23	

Tavg:	45	T _{Roof} :	41/33	T _w :	38
HDD:	20	T _{UNV} :	39/32	T _D :	33
ΣHDD:	20	MMTS:	49/40/41		
CDD:	0				
ΣCDD:	0				
SPCN _{Liq} :		0.52"			
SPCN _{Sol} :		T (Hatic)		Date: 12/04/2023	

Tavg:	35	T _{Roof} :	33/29	T _w :	32
HDD:	30	T _{UNV} :	32/30	T _D :	29
ΣHDD:	141	MMTS:	37/31/33		
CDD:	0				
ΣCDD:	0				
SPCN _{Liq} :		0.55"			
SPCN _{Sol} :		T		Date: 12/6/2023	

Tavg:	35	T _{Roof} :	30/28	T _w :	30
HDD:	30	T _{UNV} :	27/27	T _D :	30
ΣHDD:	201	MMTS:	41/28/29		
CDD:	0				
ΣCDD:	0				
SPCN _{Liq} :		0.57"			
SPCN _{Sol} :		0.2"		Date: 12/8/23	

Tavg:	43	T _{Roof} :	45/45	T _w :	44
HDD:	22	T _{UNV} :	43/43	T _D :	44
ΣHDD:	247	MMTS:	50/34/45		
CDD:	0				
ΣCDD:	0				
SPCN _{Liq} :		0.82"			
SPCN _{Sol} :		0.2"		Date: 12/10/2023	

Monday December 11, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 53	Direction NW	Temperature 69	LA: 08-2230 SN: 2230-0200		
Minimum 33	Velocity 8	Reading 28.60"			
Set 36	Character breezy	Corrected 28.49"	0700	1300	1900
Ovnt. Low —	24 hr. Mov. —	Sea Level 29.87"	Clouds 9/10 SC	Clouds 9/10 SC	Clouds 9/10 SC
Rel. Humidity 58%	Precip. Solid 0.5"	3 hr. Tendancy 71.69	Wx —	Wx —	Wx —
Precip. Liquid 1.00"	Snow Depth T	Observer KCP	Visibility (mi) 25	Visibility (mi) 25	Visibility (mi) 25

Wednesday December 13, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 47	Direction SW	Temperature 68			
Minimum 28	Velocity 5 mph	Reading 29.27"			
Set 28	Character breezy	Corrected 29.16"	0700	1300	1900
Ovnt. Low —	24 hr. Mov. —	Sea Level 30.70"	Clouds 6/10 SC	Clouds 11/10 CI	Clouds 9/10
Rel. Humidity 74%	Precip. Solid 0	3 hr. Tendancy 71.62 mb	Wx —	Wx —	Wx —
Precip. Liquid 0.00"	Snow Depth 0"	Observer EH	Visibility (mi) 25	Visibility (mi) 25	Visibility (mi) 25

Friday December 15th 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 45	Direction SW	Temperature 68			
Minimum 23	Velocity 6	Reading 29.20"			
Set 38	Character windy	Corrected 29.08"	0700	1300	1900
Ovnt. Low 35	24 hr. Mov. —	Sea Level 30.49	Clouds 0/10	Clouds 0/10	Clouds 9/10
Rel. Humidity 82%	Precip. Solid 0.0"	3 hr. Tendancy +0.05 mb	Wx —	Wx —	Wx —
Precip. Liquid 0.00"	Snow Depth 0"	Observer AR	Visibility (mi) 25	Visibility (mi) 25 MI	Visibility (mi) 25

Sunday December 17, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 55	Direction SSW	Temperature 68			
Minimum 30	Velocity 2 mph	Reading 28.95"			
Set 43	Character Light	Corrected 28.84"	0700	1300	1900
Ovnt. Low 42	24 hr. Mov. —	Sea Level 30.21"	Clouds 10/10 ST	Clouds 10/10 ST	Clouds 10/10 ST
Rel. Humidity 77%	Precip. Solid 0.0"	3 hr. Tendancy -1.35 mb	Wx BC FG	Wx	Wx - RA
Precip. Liquid 0.00"	Snow Depth 0.0"	Observer B1	Visibility (mi) ~20	Visibility (mi)	Visibility (mi) ~5 mi

Tuesday December 19th 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 46	Direction W	Temperature 69	-OCULSHRA 0900-1400 -RA: 1600-1800 -BLSHSHV 0500-0700		
Minimum 29	Velocity 7 mph	Reading 28.78"			
Set 30	Character Gusty	Corrected 28.665"	0700	1300	1900
Ovnt. Low —	24 hr. Mov. —	Sea Level 30.065"	Clouds 10/10 ST	Clouds 10/10 ST	Clouds 9/10 CU
Rel. Humidity 79%	Precip. Solid T	3 hr. Tendancy 73.54 mb	Wx - BLSHSHV	Wx - SHSN	Wx breezy
Precip. Liquid 0.02"	Snow Depth T	Observer B1	Visibility (mi) ~7 mi	Visibility (mi) ~20 mi	Visibility (mi) 25

Tuesday December 12, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 39	Direction S	Temperature 68	-SHSN: 1300-1315 -SHSN: 1530-1545		
Minimum 29	Velocity 5	Reading 29.13			
Set 30	Character light	Corrected 29.01	0700	1300	1900
Ovnt. Low —	24 hr. Mov. —	Sea Level 30.33	Clouds 4/10 SC	Clouds 4/10 CI	Clouds 9/10
Rel. Humidity —	Precip. Solid T	3 hr. Tendancy 71.69	Wx —	Wx —	Wx —
Precip. Liquid T	Snow Depth 0	Observer NJ	Visibility (mi) 25	Visibility (mi) 25	Visibility (mi) 25

Thursday December 14, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 42	Direction SW	Temperature 68			
Minimum 23	Velocity 4 mph	Reading 29.46"			
Set 23	Character Light	Corrected 29.34"	0700	1300	1900
Ovnt. Low —	24 hr. Mov. —	Sea Level 30.80"	Clouds 4S	Clouds 2/10 CI	Clouds 0/10
Rel. Humidity 74%	Precip. Solid 0.0"	3 hr. Tendancy 74.67 mb	Wx —	Wx —	Wx —
Precip. Liquid 0.00"	Snow Depth 0.0"	Observer B1	Visibility (mi) 25	Visibility (mi) 25	Visibility (mi) 25

Friday December 16, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 55	Direction NNE	Temperature 70			
Minimum 31	Velocity 2	Reading 29.11			
Set 31	Character calm	Corrected 28.99	0700	1300	1900
Ovnt. Low —	24 hr. Mov. —	Sea Level 30.41	Clouds 5/10 ST	Clouds 5/10 ST	Clouds 5/10 ST
Rel. Humidity 85%	Precip. Solid 0.0"	3 hr. Tendancy +0.34 mb	Wx —	Wx	Wx 5/10 ST
Precip. Liquid 0.00"	Snow Depth 0"	Observer SL	Visibility (mi) 25	Visibility (mi)	Visibility (mi) 25

Monday December 18, 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 49	Direction WSW	Temperature 68	8900 ~ 1300 SC - 22 ~ 1300 ~ 1400 - RA ~ 1400 - 0000 RA 0000 ~ 0500 - RA		
Minimum 42	Velocity 9 mph	Reading 28.25"			
Set 45	Character Gusty	Corrected 28.14"	0700	1300	1900
Ovnt. Low 45	24 hr. Mov. —	Sea Level 29.48"	Clouds 10/10 ST	Clouds 10/10 ST	Clouds 9/10 ST
Rel. Humidity 92%	Precip. Solid 0.0"	3 hr. Tendancy 74.67 mb	Wx SHVC	Wx - SHRA	Wx —
Precip. Liquid 1.04"	Snow Depth 0.0"	Observer B1	Visibility (mi) ~20 mi	Visibility (mi) ~15	Visibility (mi) ~25 mi

Wednesday December 20th 2023 Meteorological Observations
University Park, PA

Temp. (°F)	Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum 32	Direction SW	Temperature 70	-SHSN: 0915-0930 1015-1030 1120-1145 1240-1255 085-0710		
Minimum 24	Velocity 4	Reading 29.09			
Set 26	Character breezy	Corrected 28.97	0700	1300	1900
Ovnt. Low —	24 hr. Mov. —	Sea Level 30.41	Clouds 9/10	Clouds 3/10 CS	Clouds 9/10
Rel. Humidity 78%	Precip. Solid T	3 hr. Tendancy +0.34 mb	Wx —	Wx —	Wx —
Precip. Liquid T	Snow Depth 0	Observer SL	Visibility (mi) 25	Visibility (mi) 25	Visibility (mi) 25

T _{avg} : 43	T _{Roof} : 36/31	T _w : 33
HDD: 22	T _{Unv} : 36/30	T _D : 25
ΣHDD: 769	MMTS: 52/33/36	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 1.82"		
ΣPCN _{Sol} : 0.7"	Date: 12/11/2023	

T _{avg} : 34	T _{Roof} : 29/22	T _w : -
HDD: 31	T _{Unv} : 30/21	T _D : -
ΣHDD: 300	MMTS: 37/29/29	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 1.82"		
ΣPCN _{Sol} : 0.7"	Date: 12/12/2023	

T _{avg} : 38	T _{Roof} : 32/24	T _w : 31
HDD: 27	T _{Unv} : 32/21	T _D : 24
ΣHDD: 327	MMTS: 45/29/31	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 1.82"		
ΣPCN _{Sol} : 0.7"	Date: 12/13/2023	

T _{avg} : 33	T _{Roof} : 26/19	T _w : 21
HDD: 32	T _{Unv} : 21/18	T _D : 16
ΣHDD: 359	MMTS: 40/23/23	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 1.82"		
ΣPCN _{Sol} : 0.7"	Date: 12/14/2023	

T _{avg} : 34	T _{Roof} : 39/25	T _w : 36
HDD: 31	T _{Unv} : 37/21	T _D : 33
ΣHDD: 390	MMTS: 43/23/39	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 1.82"		
ΣPCN _{Sol} : 0.7"	Date: 12/15/23	

T _{avg} : 43	T _{Roof} : 35/27	T _w : -
HDD: 22	T _{Unv} : 32/25	T _D : 27
ΣHDD: 412	MMTS: 54/30/30	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 1.82"		
ΣPCN _{Sol} : 0.7"	Date: 12/16/23	

T _{avg} : 43	T _{Roof} : 43/38	T _w : 40
HDD: 22	T _{Unv} : 43/36	T _D : 36
ΣHDD: 434	MMTS: 54/30/42	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 1.82"		
ΣPCN _{Sol} : 0.7"	Date: 12/17/2023	

T _{avg} : 46	T _{Roof} : 44/41	T _w : 42
HDD: 19	T _{Unv} : 45/43	T _D : 41
ΣHDD: 453	MMTS: 48/42/44	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 2.86"		
ΣPCN _{Sol} : 0.7"	Date: 12/18/2023	

T _{avg} : 38	T _{Roof} : 30/24	T _w : 28
HDD: 27	T _{Unv} : 28/23	T _D : 24
ΣHDD: 480	MMTS: 45/29/29	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 2.88"		
ΣPCN _{Sol} : 0.7"	Date: 12/19/2023	

T _{avg} : 28	T _{Roof} : 27/20	T _w : 23
HDD: 37	T _{Unv} : 27/18	T _D : 20
ΣHDD: 517	MMTS: 38/24/25	
CDD: 0		
ΣCDD: 0		
ΣPCN _{Liq} : 2.88"		
ΣPCN _{Sol} : 0.7"	Date: 12/20/2023	

December 25, 2023 Thursday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	44	NE	68	0700	1300	1900
Minimum	25		29.10	Clouds 5L	Clouds 9/10 AC	Clouds 10/10 AS
Set	31	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds 5L	Clouds 9/10 AC	Clouds 10/10 AS
Rel. Humidity	31	Precip. Solid	30.40	Wx	Wx	Wx
Precip. Liquid	72.2	Precip. Solid	0.0"	Wx	Wx	Wx
Precip. Liquid	0.00"	Snow Depth	0"	Observer	SL	SL
				Visibility (mi)	25	25

December 23, 2023 Saturday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	39	S	70	-SHRA: 1830-1845		
Minimum	31		29.13			
Set	34	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds AC	Clouds	Clouds 10/10 ST
Rel. Humidity	34	Precip. Solid	30.43	Wx	Wx	Wx
Precip. Liquid	81%	Precip. Solid	0.0"	Wx	Wx	Wx
Precip. Liquid	0.00"	Snow Depth	0.0"	Observer	SL	SL
				Visibility (mi)	20mi	10

December 22, 2023 Wednesday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	48	-	68	-RA: 0700-0730 0805-0845 1145-1230 1600-1645 1945-0145		
Minimum	38		29.18			
Set	38	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds 5L	Clouds	Clouds 7/10 ST
Rel. Humidity	48	Precip. Solid	30.47	Wx	Wx	Wx
Precip. Liquid	92%	Precip. Solid	0.0	Wx	Wx	Wx
Precip. Liquid	0.00"	Snow Depth	0"	Observer	W05	W05
				Visibility (mi)	3	10

December 21, 2023 Tuesday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	47	WSW	69	-RA: 2200-2230		
Minimum	43		28.68			
Set	47	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds 5L	Clouds	Clouds 5L
Rel. Humidity	45	Precip. Solid	29.92	Wx	Wx	Wx
Precip. Liquid	93%	Precip. Solid	0.0"	Wx	Wx	Wx
Precip. Liquid	0.24"	Snow Depth	0"	Observer	SL	SL
				Visibility (mi)	25	10

December 20, 2023 Friday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	51	WSW	70	-RA: 7-9 AM 13-1330		
Minimum	35		28.45			
Set	39	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds 5L	Clouds	Clouds AC
Rel. Humidity	82%	Precip. Solid	29.67	Wx	Wx	Wx
Precip. Liquid	0.02"	Precip. Solid	0.0"	Wx	Wx	Wx
Precip. Liquid	0.02"	Snow Depth	0"	Observer	SL	SL
				Visibility (mi)	25	25

December 22, 2023 Friday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	36	NNW	70	-RA: 9-9:45 AM & 7-7 AM		
Minimum	31		29.11			
Set	32	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds 5L	Clouds 10/10 ST	Clouds 10/10 ST
Rel. Humidity	32	Precip. Solid	30.42	Wx	Wx	Wx
Precip. Liquid	79%	Precip. Solid	0.00"	Wx	Wx	Wx
Precip. Liquid	0.00"	Snow Depth	0.0"	Observer	B1	B1
				Visibility (mi)	25	25

December 24, 2023 Sunday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	42	WSW	72	-SHRA 1330-1400 1900-2100 2300-2345		
Minimum	34		29.17			
Set	40	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds 10/10 ST	Clouds	Clouds 8/10 ST
Rel. Humidity	40	Precip. Solid	30.44	Wx	Wx	Wx
Precip. Liquid	85%	Precip. Solid	0.0	Wx	Wx	Wx
Precip. Liquid	0.01"	Snow Depth	0"	Observer	W05	W05
				Visibility (mi)	10	10

December 26, 2023 Tuesday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	54	-	70	-RA 0600-085		
Minimum	38		29.04			
Set	44	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds 10/10 NS	Clouds	Clouds 10/10 NS
Rel. Humidity	44	Precip. Solid	30.30	Wx	Wx	Wx
Precip. Liquid	79%	Precip. Solid	0.0"	Wx	Wx	Wx
Precip. Liquid	0.02"	Snow Depth	0"	Observer	W05	W05
				Visibility (mi)	2.5	4

December 28, 2023 Thursday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	49	SSW	68	-RA: 9-9:45 AM & 7-7 AM 12:45-1:45 PM 3:15-3:45 PM 5:45-7:45 PM 9:30-10:30 PM 12:45-1:15 AM 2-3 AM		
Minimum	46		28.45			
Set	47	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds 5L	Clouds	Clouds 2/10
Rel. Humidity	47	Precip. Solid	29.68	Wx	Wx	Wx
Precip. Liquid	100%	Precip. Solid	0.0"	Wx	Wx	Wx
Precip. Liquid	0.44"	Snow Depth	0"	Observer	SL	SL
				Visibility (mi)	0.5	25

December 30, 2023 Saturday

Temp. (°F)		Wind (mph)	Barom. (in.Hg)	General Observations		
Maximum	43	SSW	69	-ASW 0530-085		
Minimum	35		28.59			
Set	35	Character	Corrected			
Ovnt. Low	24 hr. Mov.		Sea Level	Clouds 10/10 NS	Clouds	Clouds 7/10
Rel. Humidity	43%	Precip. Solid	29.85	Wx	Wx	Wx
Precip. Liquid	93%	Precip. Solid	0.0"	Wx	Wx	Wx
Precip. Liquid	0.01"	Snow Depth	0"	Observer	W05	W05
				Visibility (mi)	20	25

T _{AVG} : 35	T _{Roof} : 33/23	T _w : 27
HDD: 30	T _{UNV} : 30/19	T _D : 23
ΣHDD: 547	MMTS: 42/25/31	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 2.88"		
SPCN _{sol} : 0.7"		Date: 12/21/23

T _{AVG} : 35	T _{Roof} : 34/27	T _w : 31
HDD: 30	T _{UNV} : 32/28	T _D : 28
ΣHDD: 608	MMTS: 244 37/31/34	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 2.88"		
SPCN _{sol} : 0.7"		Date: 12/23/2023

T _{AVG} : 34	T _{Roof} : 32/25	T _w : 28
HDD: 31	T _{UNV} : 30/21	T _D : 24
ΣHDD: 578	MMTS: 35/31/31	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 2.88"		
SPCN _{sol} : 0.7"		Date: 12/22/2023

T _{AVG} : 38	T _{Roof} : 40/36	T _w : 38
HDD: 27	T _{UNV} : 39/36	T _D : 36
ΣHDD: 635	MMTS: 41/33/40	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 2.88"		
SPCN _{sol} : 0.7"		Date: 12/24/23

T _{AVG} : 43	T _{Roof} : 39/37	T _w : 37
HDD: 22	T _{UNV} : 39/37	T _D : 36
ΣHDD: 657	MMTS: 46/38/39	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 2.88"		
SPCN _{sol} : 0.7"		Date: 12/25/23

T _{AVG} : 46	T _{Roof} : 44/41	T _w : 41
HDD: 19	T _{UNV} : 43/41	T _D : 38
ΣHDD: 676	MMTS: 52/38/43	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 2.90"		
SPCN _{sol} : 0.7"		Date: 12/26/23

T _{AVG} : 45	T _{Roof} : 47/45	T _w : 46
HDD: 20	T _{UNV} : 45/45	T _D : 45
ΣHDD: 696	MMTS: 46/43/46	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 3.14"		
SPCN _{sol} : 0.7"		Date: 12/27/23

T _{AVG} : 48	T _{Roof} : 46/45	T _w : 46
HDD: 17	T _{UNV} : 46/46	T _D : 47
ΣHDD: 713	MMTS: 49/46/46	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 3.63"		
SPCN _{sol} : 0.7"		Date: 12/28/23

T _{AVG} : 43	T _{Roof} : 38/35	T _w : 37
HDD: 22	T _{UNV} : 37/34	T _D : 34
ΣHDD: 735	MMTS: 50/35/38	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 3.65"		
SPCN _{sol} : 0.7"		Date: 12/29/23

T _{AVG} : 39	T _{Roof} : 35/33	T _w : 34
HDD: 26	T _{UNV} : 36/34	T _D : 33
ΣHDD: 761	MMTS: 42/34/34	
CDD: 0		
ΣCDD: 0		
SPCN _{liq} : 3.66"		
SPCN _{sol} : 0.7"		Date: 12/30/23

SUNDAY		0700 EST		DECEMBER 31		Meteorological Observatory General Observations University Park, PA		
Temp. (°F)	Wind (mph)	Barom. (in.Hg)	-RA 07-1000					
Maximum 42°	Direction SW	Temperature 71°	0700	1300	1900			
Minimum 34°	Velocity 6	Reading 28.811						
Set 36°	Character BREEZE	Corrected 28.811						
Ovrt. Low -	24 hr. Mov. -	Sea Level 29.991	Clouds 10	Clouds SC	Clouds SC			
Rel. Humidity 73%	Precip. Solid 0.011	3 hr. Tendency 1.93	WX	WX	WX			
Precip. Liquid T	Snow Depth 0'	Observer HC	Visibility (mi) 25	Visibility (mi)	Visibility (mi)	Visibility (mi) -RA		
						12		

Tavg: 38	T _{Roof} : 36/25	T _w : 33°
HDD: 27	T _{UNV} : 36/27	T _D : 28°
SHDD: 788	MMIS: 42/35/35	
CDD: 0		
SCDD: 0	DEC TEMPS 2023**	
	(T _{max} : 46.0°F T _{max} : 62.0°F)	
	(T _{min} : 32.7°F T _{min} : 44.0°F)	** REC ANNUAL MAX
	(T _{ice} : 139.34°F T ₂₀₂₃ : 52.95°F)	(6/19, 1931)
	+ 8.84°F * WARMEST YEAR (52.52 (2021))	
SPCN _{Lat} : 3.66H		
SPCN _{sol} : 0.711		Date: 12/31/2023