

STATION (Climate)

UNIVERSITY OF MARYLAND-WIREC

(River Station if different)

MONTH: JAN 2012

STATE: MARYLAND

COUNTY: WASHINGTON

RIVER: TELLIP  
STANDARD TYPE IN USE: FLOOD STAGE  
NORMAL POOL STAGE

TIME (local) OF OBSERVATION: 2:00 PM

TYPE OF RIVER GAGE

ELEVATION OF RIVER GAGE ZERO: 11

FLOOD STAGE: 11

NORMAL POOL STAGE

TEMPERATURE F.

PRECIPITATION

WEATHER (Calendar Day)

RIVER STAGE

24 HRS ENDING AT OBSERVATION

24 HR AMOUNTS

At Gage

Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved

Mark X for all types occurring each day

AM NOON PM

Fog

Ice Particles

Glaze

Thunder

Hail

Damaging Winds

Time of observation if different from above

CONDITION

GAGE HEADS AT

EMGENCY

REMARKS

(Special observations, etc.)

DATE

MAX MIN

At OBSN

Rain, melted snow, etc. (ins. and tenths)

Snow, ice pellets, etc. (ins. and tenths)

Snow, ice pellets, etc. (ins. and tenths on ground) (ins.)

1

55 32

.01

2

43 27

.6

3

28 11

.0

4

28 9

.0

5

44 23

.0

6

61 26

.0

7

64 38

.0

8

45 24

.0

9

37 24

.0

10

52 27

.0

11

43 21

.79

12

54 38

.18

13

48 25

.25

14

32 21

.0

15

31 16

.0

16

40 14

.09

17

56 37

.12

18

53 20

T

19

37 13

.0

20

35 19

.04

.08

21

30 22

.40

2.0

22

30 23

T

23

39 27

.17

24

53 32

.0

25

45 31

.0

26

42 26

.28

27

56 39

.31

28

51 30

.0

29

45 26

.0

30

43 29

.75

T

31

67 37

.0

31

3.39

CHECK BAR (for wire weight) NORMAL CK. BAR

HEADING

DATE

Fog Ice Particles Glaze Thunder Hail Damaging Winds

DAVID ALBYND J.

SUPV. DIVISION OFFICE

STATION INDEX NO

- A. Obstructed by rough ice.
B. Frozen, but open at gage.
C. Upper surface of smooth ice.
D. Ice gage above gage.

- E. Ice gorge below gage
F. Shave ice.
G. Floating ice.
H. Pool stage.

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

FORM B-91

(12 93)

STATION (Name)

UNIVERSITY OF MARYLAND-WMREC

MONTH **Feb.** YEAR **2012**FORM B-91  
(12-93)U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL WEATHER SERVICESTATE **MARYLAND**COUNTY **WASHINGTON**

RIVER

STANDARD TIME IN USE

## RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

TYPE OF RIVER GAGE

ELEVATION OF RIVER  
GAGE ZERO

FT.

FT.

FT.

NORMAL POOL STAGE

TEMPERATURE F.

PRECIPITATION

WEATHER (Calendar Day)

RIVER STAGE

DATE	24 HRS ENDING AT OBSERVATION		AT OBSRV	24 HOURS PRECIPITATION		PRECIPITATION AT GAGE		WEATHER (Calendar Day)							RIVER STAGE		REMARKS (Special observations, etc.)
	MAX	MIN		Rain, melted snow etc. (ins. and hundredths)	Snow, ice pellets (ins. and tenths)	Snow, ice pellets (ins. and tenths)	Snow, ice pellets (ins. and tenths)	Fog	Ice pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if differs from above	CONDITION	GAGE HEADINGS AT	
1	62	34		.0													
2	50	35		.0													
3	46	24		.0													
4	42	25		.21													
5	41	25		T		.60											
6	51	22		.0													
7	51	23		.0													
8	33	24		.14		1.0											
9	44	24		.0													
10	41	20		.09		.5											
11	36	19		.09		.6											
12	28	18		T		T											
13	45	15		.0													
14	48	28		.0													
15	48	30		.0													
16	45	32		.20													
17	50	30		.0													
18	58	23		.0													
19	42	24		.0													
20	46	24		.0													
21	47	24		.0													
22	59	33		.0													
23	59	42		.6													
24	53	40		.56													
25	41	32		.0													
26	45	30		.0													
27	62	25		.10													
28	51	36		.0													
29	45	37		1.32													
30																	
31																	
32																	
33																	

  

CONDITION OF RIVER AT GAGE		BLUM	CHECK BAR (for wire weight) NORMAL CK. BAR	
A. Obstructed by rough ice. B. Frozen, but open at gage. C. Upper surface of smooth ice. D. Ice gorge above gage.		2.61	E. Ice gorge below gage. F. Shore ice. G. Floating ice. H. Fast stream.	
HEADING	DATE	OBSERVER <i>David Wypud J.</i>		
		SUPERVISING OFFICE		

MONTHLY CLIMATOLOGICAL SUMMARY for MAR. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		DIR
1	47.3	60.7	2:00p	35.9	5:00a	17.7	0.0	0.00	5.0	26.0	11:30a	NW
2	40.9	50.1	3:00p	27.7	7:00a	24.1	0.0	0.35	5.4	20.0	12:30p	SE
3	48.2	57.3	2:30p	38.7	11:30p	16.8	0.0	0.00	4.8	27.0	4:00p	W
4	37.3	42.5	12:30a	31.9	7:30a	27.7	0.0	0.00	5.2	20.0	1:30p	NW
5	33.1	41.3	1:30p	25.7	7:00a	31.9	0.0	0.00	4.6	23.0	3:30p	NW
6	35.5	47.7	4:30p	19.8	6:00a	29.5	0.0	0.00	4.1	18.0	3:00p	SE
7	50.8	66.1	4:00p	31.3	6:30a	14.2	0.0	0.00	6.1	22.0	4:00p	SSE
8	59.8	69.7	3:30p	44.2	5:30a	6.1	0.9	0.09	8.5	27.0	11:30a	S
9	44.6	53.8	2:00p	34.1	12:00m	20.4	0.0	0.00	8.7	29.0	2:00p	NW
10	35.9	45.9	4:00p	28.3	7:00a	29.1	0.0	0.00	3.7	16.0	10:00a	NW
11	46.3	63.8	4:30p	29.9	1:00a	17.9	0.0	0.00	3.6	14.0	4:00p	ESE
12	53.3	69.0	3:00p	34.8	8:00a	12.2	0.4	0.00	1.9	15.0	4:00p	SE
13	66.0	78.6	3:00p	54.9	1:30a	3.1	4.0	0.00	4.5	22.0	4:30p	S
14	62.8	79.6	4:30p	47.5	5:00a	5.5	3.3	0.00	2.1	14.0	2:30p	NW
15	61.4	80.9	4:00p	42.9	7:30a	6.9	3.3	0.00	2.1	16.0	5:00p	ESE
16	57.5	67.9	5:00p	48.7	8:00a	7.8	0.3	0.06	2.4	11.0	4:00p	ESE
17	60.0	75.1	4:00p	43.7	8:00a	7.4	2.4	0.00	2.9	15.0	1:30p	ESE
18	58.7	65.0	6:00p	53.1	7:30a	6.3	0.0	0.00	6.0	16.0	6:00a	SE
19	62.3	73.9	4:30p	50.8	8:00a	4.2	1.5	0.75	2.6	19.0	9:30p	ESE
20	63.1	73.5	5:00p	55.8	11:30p	3.3	1.3	0.00	1.2	8.0	12:00p	ESE
21	59.2	65.9	3:30p	50.3	8:00a	5.8	0.0	0.00	1.9	11.0	10:30a	ESE
22	63.8	74.5	3:00p	58.0	7:00a	1.7	0.9	0.00	3.5	10.0	1:30p	ESE
23												
24												
25	54.4	80.5	1:00a	47.9	7:30a	10.4	0.0	0.41	4.4	16.0	1:00a	NNW
26	51.2	58.9	12:30a	37.3	12:00m	13.8	0.0	0.00	9.7	30.0	10:30a	NW
27	40.8	54.7	6:00p	29.0	6:00a	24.2	0.0	0.00	3.6	14.0	8:30a	NW
28	58.1	75.9	6:00p	40.0	7:00a	9.1	2.2	0.20	4.6	29.0	2:30p	ESE
29	54.0	66.3	12:30a	41.5	12:00m	11.0	0.0	0.00	7.0	23.0	5:00a	NW
30	42.1	50.8	6:00p	31.1	7:00a	22.9	0.0	0.00	3.7	19.0	11:30p	SE
31	49.4	57.7	1:30p	43.7	6:30a	15.6	0.0	0.01	2.8	16.0	12:30a	N
-----*												
	51.6	80.9	15	19.8	6	406.6	20.5	1.87	4.4	30.0	26	ESE

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 9

Min <= 0.0: 0

Max Rain: 0.75 ON 03/19/12

Days of Rain: 6 (>.01 in) 4 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

\* 0.4 in rain on 3/24 - Total rain for March is 2.27.

MONTHLY CLIMATOLOGICAL SUMMARY for APR. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		HIGH
1	52.6	64.3	5:00p	44.8	7:00a	12.4	0.0	0.05	3.5	16.0	3:00p	SE
2	51.8	61.1	6:00p	43.1	12:00m	13.2	0.0	0.06	6.4	25.0	10:30a	NNW
3	49.9	68.9	5:00p	30.8	7:00a	15.4	0.3	0.00	1.6	9.0	12:30p	NNW
4	58.3	74.3	5:00p	44.7	4:30a	8.3	1.6	0.03	4.3	20.0	5:00p	NW
5	48.4	58.1	7:00p	35.9	6:30a	16.6	0.0	0.00	2.3	13.0	2:00a	NNW
6	47.9	60.5	6:30p	33.0	7:30a	17.1	0.0	0.00	5.3	23.0	2:00p	NNW
7	49.0	63.6	4:30p	29.0	6:30a	16.0	0.0	0.00	4.4	22.0	4:00p	NW
8	52.1	69.2	2:30p	31.2	7:00a	13.1	0.2	0.00	5.0	26.0	4:30p	NW
9	54.1	63.9	2:30p	42.4	12:00m	10.9	0.0	0.00	6.7	28.0	8:30p	WNW
10	48.4	59.0	4:00p	37.0	6:30a	16.6	0.0	0.00	5.2	22.0	11:00a	NW
11	41.6	50.3	3:30p	33.0	5:30a	23.4	0.0	0.02	5.0	30.0	4:30p	NW
12	46.1	57.5	4:30p	32.8	6:30a	18.9	0.0	0.00	4.0	18.0	2:30p	NW
13	48.1	64.8	6:00p	31.6	7:30a	16.9	0.0	0.00	1.6	13.0	1:30p	ESE
14	56.0	73.7	4:00p	36.0	4:30a	10.9	1.9	0.01	2.5	16.0	1:30p	S
15	65.6	81.4	6:00p	52.9	7:00a	4.2	4.8	0.03	3.0	16.0	4:30p	S
16	73.2	86.8	4:00p	56.7	7:30a	1.4	9.5	0.00	4.5	23.0	6:30p	SSE
17	63.4	78.5	12:30a	48.4	12:00m	3.4	1.8	0.00	4.4	19.0	3:00a	NW
18	50.7	53.9	4:00a	47.0	2:00a	14.3	0.0	0.33	1.6	9.0	2:00p	S
19	55.2	68.5	6:00p	46.7	4:30a	10.2	0.4	0.00	1.7	14.0	5:30p	SSE
20	57.6	71.4	4:00p	42.1	6:30a	8.6	1.1	0.00	4.0	20.0	1:30p	SSE
21	60.3	76.6	2:30p	51.3	12:00m	6.3	1.6	0.45	4.0	21.0	3:00p	ESE
22	47.6	51.7	2:00a	40.9	12:00m	17.4	0.0	0.77	5.4	19.0	12:00m	N
23	40.6	45.2	3:30p	36.0	8:00a	24.4	0.0	0.42	6.4	26.0	3:30p	NW
24	47.5	59.0	3:30p	33.9	6:00a	17.5	0.0	0.00	4.4	22.0	10:30a	NW
25	52.0	67.7	5:00p	37.5	3:00a	13.3	0.3	0.00	2.9	19.0	1:30p	NW
26	59.0	68.7	5:00p	47.7	12:30a	6.4	0.4	0.08	4.0	25.0	10:30p	ESE
27	50.1	57.7	5:30p	39.6	12:00m	14.9	0.0	0.00	6.5	24.0	11:00a	NW
28	43.9	51.5	3:30p	35.8	5:30a	21.1	0.0	0.07	1.8	10.0	2:30p	SSW
29	52.1	70.5	6:30p	36.2	6:30a	13.5	0.6	0.02	2.0	11.0	2:30p	NW
30	51.7	60.9	10:00p	39.0	7:00a	13.3	0.0	0.00	4.5	18.0	1:30p	SE
	52.5	86.8	16	29.0	7	399.9	24.5	2.34	4.0	30.0	11	NW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 4

Min <= 0.0: 0

Max Rain: 0.77 ON 04/22/12

Days of Rain: 12 (>.01 in) 4 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for MAY. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	HIGH		DIR
1	67.0	82.0	4:30p	54.4	6:00a	3.3	5.3	0.07	3.4	18.0	1:30p	SE
2	66.4	80.7	5:00p	57.9	7:00a	2.5	3.8	0.09	2.6	18.0	3:00a	ESE
3	67.5	84.6	4:30p	55.3	7:00a	3.4	5.9	0.51	3.6	14.0	7:00a	ESE
4	71.9	84.8	5:00p	61.0	6:30a	0.5	7.3	0.01	2.6	18.0	11:30a	NNW
5	69.4	80.2	4:00p	57.8	7:00a	1.3	5.7	0.00	1.2	7.0	10:30a	NNW
6	65.0	71.3	4:00p	62.0	2:00a	1.1	1.1	0.00	3.7	12.0	12:30p	ESE
7	63.0	67.2	5:30p	58.9	8:30a	2.5	0.4	0.00	7.0	21.0	4:00p	SE
8	63.6	68.7	6:30p	58.2	7:00a	2.1	0.7	0.25	6.1	19.0	9:30a	SSE
9	63.8	71.5	3:00p	56.0	12:00m	2.3	1.1	0.04	2.6	16.0	5:00p	NW
10	55.9	63.0	3:00p	49.1	11:30p	9.1	0.0	0.00	5.6	26.0	3:30p	NW
11	57.6	71.7	6:00p	39.7	7:00a	8.8	1.4	0.00	3.3	22.0	12:30p	NW
12	60.3	76.4	4:30p	42.3	5:30a	8.0	3.2	0.00	2.1	15.0	1:30p	SE
13	66.2	80.1	3:30p	53.1	7:00a	3.4	4.6	0.00	2.0	13.0	6:00p	SE
14	61.8	63.8	2:30p	58.8	5:30a	3.2	0.0	0.85	3.0	14.0	12:00p	SE
15	67.7	77.0	4:00p	61.7	12:00m	0.9	3.6	0.19	1.9	12.0	4:30p	NW
16	69.4	83.1	6:00p	54.8	7:00a	2.4	6.8	0.00	1.8	17.0	4:00p	SSW
17	62.2	73.8	6:00p	50.4	12:00m	4.4	1.6	0.00	3.8	14.0	11:00a	NNW
18	60.7	76.9	5:30p	42.9	6:30a	7.7	3.4	0.00	1.4	12.0	2:00p	NNW
19	65.5	82.4	5:30p	48.9	6:30a	4.6	5.1	0.00	1.9	11.0	4:30p	NNW
20	68.9	84.7	4:30p	52.4	6:30a	3.3	7.2	0.00	1.7	13.0	2:00p	ESE
21	66.3	68.3	3:30p	64.3	5:30a	0.1	1.4	0.80	1.4	7.0	2:00a	NNW
22	69.0	79.4	5:30p	62.9	12:00m	0.3	4.3	1.45	1.6	13.0	11:30p	ESE
23	67.1	78.9	4:00p	61.4	8:00a	1.1	3.2	1.83	1.4	14.0	5:30p	ESE
24	71.4	81.0	5:00p	64.4	6:30a	0.0	6.4	0.51	3.4	24.0	8:00p	SE
25	74.9	83.9	4:30p	66.9	6:30a	0.0	9.9	0.01	3.2	12.0	12:30p	ESE
26	76.6	87.9	2:30p	66.1	6:30a	0.0	11.6	0.00	1.9	12.0	3:00p	SSE
27	75.4	86.5	4:30p	64.7	8:30p	0.0	10.4	0.57	3.2	41.0	8:00p	ESE
28	76.6	88.8	4:00p	63.1	6:30a	0.1	11.7	0.00	2.5	14.0	2:30a	SSE
29	74.8	88.7	3:00p	66.7	7:00p	0.0	9.8	2.21	3.2	39.0	6:00p	SSE
30	71.4	84.4	6:00p	61.4	6:00a	0.8	7.2	0.00	1.8	16.0	3:30p	NW
31	69.2	80.2	5:30p	58.9	6:00a	1.3	5.5	0.00	1.8	15.0	11:30a	NNW
	67.3	88.8	28	39.7	11	78.5	149.6	9.39	2.8	41.0	27	ESE

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 2.21 ON 05/29/12

Days of Rain: 13 (>.01 in) 10 (>.1 in) 3 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JUN. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	HIGH		DIR
1	67.7	73.8	4:30p	61.0	9:30p	0.7	3.4	1.06	3.8	23.0	5:30p	ESE
2	62.0	71.2	5:00p	51.2	6:30a	4.4	1.4	0.00	3.0	16.0	9:30a	NW
3	63.6	76.7	6:30p	51.6	4:30a	4.5	3.1	0.00	3.5	19.0	8:30p	S
4	62.6	69.3	6:00p	53.7	6:00a	3.2	0.8	0.02	4.9	20.0	12:00p	NNW
5	59.9	67.7	3:30p	52.9	12:00m	5.2	0.1	0.00	1.6	10.0	10:00a	NNW
6	61.6	74.4	5:00p	47.6	6:00a	5.9	2.5	0.00	1.8	10.0	6:00p	NNW
7	63.6	76.5	3:00p	53.0	6:00a	3.9	2.5	0.08	2.5	15.0	2:00p	SSE
8	67.4	81.9	5:30p	51.9	5:30a	3.6	6.0	0.00	2.4	16.0	2:00p	NW
9	72.3	87.1	6:00p	56.1	6:30a	1.9	9.3	0.00	2.0	16.0	2:00p	SSE
10	74.8	88.5	5:00p	58.9	6:00a	0.8	10.6	0.00	1.8	13.0	4:00p	SSE
11	74.4	85.8	2:00p	62.3	6:00a	0.3	9.7	0.00	3.9	21.0	2:00p	SSE
12	71.9	80.2	6:30p	66.5	12:00m	0.0	6.9	0.93	2.9	16.0	10:00p	ESE
13	68.8	76.4	6:30p	60.6	12:00m	0.4	4.2	0.00	4.9	18.0	1:30p	NNW
14	67.9	80.8	6:00p	55.9	4:30a	2.3	5.2	0.00	1.5	9.0	12:00m	NNW
15	70.0	79.6	4:30p	59.9	7:00a	0.7	5.7	0.00	1.8	12.0	12:30p	SE
16	68.6	78.5	4:00p	58.6	4:30a	1.6	5.1	0.00	2.0	13.0	4:30p	ESE
17	67.7	77.1	3:30p	54.3	6:30a	1.7	4.4	0.00	4.2	16.0	1:30p	ESE
18	63.9	66.4	2:30p	61.0	8:00a	1.2	0.1	0.03	4.6	15.0	2:00a	ESE
19	74.5	88.8	6:00p	64.6	12:30a	0.0	9.5	0.00	2.3	9.0	3:30p	ESE
20	81.2	92.3	6:00p	70.3	4:30a	0.0	16.2	0.00	0.0	2.0	1:00p	WNW
21	81.3	93.4	4:30p	69.9	4:30a	0.0	16.3	0.00	0.8	9.0	1:30p	S
22	76.1	89.2	4:30p	69.0	5:00p	0.0	11.1	0.76	1.6	44.0	5:00p	SSE
23	73.5	84.5	5:30p	62.7	6:30a	0.2	8.7	0.00	1.7	13.0	2:00p	NNW
24	73.5	85.8	6:00p	60.0	6:30a	0.9	9.3	0.00	0.6	12.0	2:00p	SE
25	71.8	79.9	3:00p	62.2	12:00m	0.1	6.9	0.00	5.4	24.0	7:30p	NW
26	65.4	77.7	5:30p	51.3	6:30a	3.4	3.8	0.00	5.1	24.0	12:00p	NNW
27	69.0	83.6	4:30p	52.2	6:30a	3.3	7.3	0.00	2.5	19.0	4:30p	NW
28	75.6	90.9	4:00p	59.2	4:30a	1.0	11.6	0.00	1.6	13.0	1:30p	SSE
29	84.3	100.1	5:30p	69.6	12:00m	0.0	19.3	0.98	1.8	22.0	10:30p	W
30	76.9	89.9	6:00p	66.6	6:00a	0.0	11.9	0.00	1.4	13.0	12:30a	N
	70.4	100.1	29	47.6	6	51.2	212.9	3.86	2.6	44.0	22	NNW

Max >= 90.0: 4

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.06 ON 06/01/12

Days of Rain: 7 (>.01 in) 4 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for JUL. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		HIGH
1	80.7	92.9	6:00p	69.4	6:30a	0.0	15.7	0.02	2.1	14.0	3:30p	NNW
2	77.6	89.2	5:30p	67.4	5:00a	0.0	12.6	0.26	2.0	17.0	12:30a	NNW
3	76.1	91.5	4:30p	65.5	6:30a	0.0	11.1	0.12	1.6	29.0	7:00p	N
4	78.7	93.2	5:00p	66.9	6:30a	0.0	13.7	0.05	2.0	17.0	9:30p	SW
5	81.1	93.6	5:00p	68.4	6:30a	0.0	16.1	0.00	2.7	16.0	12:00p	NW
6	82.3	93.9	6:00p	70.4	6:30a	0.0	17.3	0.00	1.2	12.0	2:00p	SW
7	85.0	97.9	5:00p	74.2	3:00a	0.0	20.0	0.00	1.9	12.0	1:00p	SW
8	80.9	92.1	2:00p	74.3	6:30a	0.0	15.9	0.02	1.9	12.0	6:00p	NNW
9	76.7	84.1	5:00p	70.6	12:00m	0.0	11.7	1.23	1.9	26.0	2:30a	SSE
10	76.1	86.8	4:30p	66.6	5:30a	0.0	11.1	0.00	1.6	9.0	8:00p	ESE
11	75.5	85.6	4:00p	66.5	6:30a	0.0	10.5	0.00	1.8	14.0	3:30p	NNE
12	75.0	84.3	12:30p	64.4	7:00a	0.0	10.0	0.00	1.6	13.0	2:00p	SSE
13	73.8	81.2	1:30p	67.5	6:30a	0.0	8.8	0.00	1.0	8.0	12:30p	NNE
14	73.4	82.4	5:30p	66.8	6:30a	0.0	8.4	0.14	1.8	12.0	1:00a	NNW
15	78.2	90.6	4:30p	72.2	6:30a	0.0	13.2	0.04	2.1	21.0	5:30p	S
16	78.9	90.8	6:00p	68.3	6:30a	0.0	13.9	0.18	2.4	15.0	3:30p	S
17	81.4	96.9	5:00p	67.0	6:30a	0.0	16.4	0.00	1.6	11.0	2:30p	ENE
18	78.5	95.5	2:30p	71.4	4:30p	0.0	13.5	1.17	1.9	18.0	3:30p	SSE
19	77.6	89.5	5:30p	70.5	6:30a	0.0	12.6	0.71	1.9	16.0	8:00p	SSE
20	72.3	77.4	11:00a	66.3	12:00m	0.0	7.3	0.19	1.3	12.0	3:30p	NNW
21	66.2	71.4	4:30p	62.9	6:30a	0.5	1.7	0.11	1.3	7.0	3:00a	NNW
22	71.7	81.1	6:30p	65.6	1:00a	0.0	6.7	0.01	1.1	9.0	4:30p	ESE
23	76.9	85.4	3:00p	66.6	6:30a	0.0	11.9	0.00	1.9	11.0	5:00p	SSW
24	77.9	85.5	3:00p	70.8	12:00m	0.0	12.9	0.01	2.8	14.0	2:30p	S
25	73.5	84.3	6:30p	62.1	7:00a	0.2	8.6	0.00	1.5	10.0	10:00a	ESE
26	77.2	95.6	5:00p	65.5	4:00a	0.0	12.2	0.22	2.4	24.0	7:30p	ESE
27	77.7	86.6	6:00p	70.7	6:00a	0.0	12.7	0.02	2.2	11.0	12:30p	SE
28	76.4	87.0	4:00p	67.2	6:30a	0.0	11.4	0.00	2.1	13.0	4:30p	SSE
29	74.7	87.3	5:00p	64.1	6:30a	0.1	9.8	0.00	1.5	12.0	2:30p	NNW
30	75.0	87.0	5:00p	63.1	7:00a	0.2	10.2	0.00	1.6	11.0	5:00p	ESE
31	75.7	85.3	4:00p	68.7	12:00m	0.0	10.7	0.06	2.5	13.0	4:30p	ESE
	76.9	97.9	7	62.1	25	1.0	368.6	4.56	1.8	29.0	3	NNW

Max >= 90.0: 12

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.23 ON 07/09/12

Days of Rain: 16 (>.01 in) 10 (>.1 in) 2 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for AUG. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		DIR
1	72.8	86.4	5:00p	65.0	5:30a	0.0	7.8	0.00	1.4	13.0	5:30p	SSE
2	76.4	90.4	5:30p	64.1	6:00a	0.0	11.5	0.00	1.0	8.0	10:30a	ESE
3	78.7	90.1	3:30p	67.8	6:30a	0.0	13.7	0.00	1.1	18.0	4:30p	ESE
4	81.7	90.7	4:30p	74.2	6:30a	0.0	16.7	0.00	4.1	21.0	1:30p	ESE
5	77.9	89.5	1:30p	71.2	6:30a	0.0	12.9	0.27	3.2	16.0	12:00p	S
6	77.1	87.7	6:00p	68.1	12:00m	0.0	12.1	0.01	1.6	9.0	3:30p	N
7	73.9	86.1	3:30p	63.0	6:30a	0.2	9.1	0.00	0.7	8.0	3:00p	SE
8	77.6	91.5	4:30p	67.3	6:30a	0.0	12.6	0.00	1.1	9.0	9:30p	SE
9	74.0	88.4	2:30p	66.4	6:00a	0.0	8.5	0.00	2.4	30.0	6:00p	ESE
10	72.2	82.8	4:30p	67.5	6:00a	0.0	7.2	0.46	2.7	21.0	6:00p	SSE
11	74.5	84.4	5:00p	66.7	7:30a	0.0	9.5	0.00	2.2	12.0	12:00p	NNW
12	70.7	81.8	5:30p	59.9	6:30a	0.7	6.4	0.00	1.5	12.0	2:00p	NNW
13	71.2	84.8	4:30p	58.9	6:30a	1.5	7.6	0.00	1.0	9.0	2:00p	NNE
14	74.3	84.8	3:30p	67.7	5:00a	0.0	9.3	0.33	1.4	8.0	2:00a	SE
15	71.3	81.2	6:00p	63.0	6:30a	0.2	6.5	0.01	1.8	11.0	3:30p	NW
16	71.8	86.4	5:30p	58.3	7:00a	1.0	7.9	0.00	1.3	11.0	3:00p	SSE
17	71.8	86.4	2:00p	62.4	6:30a	0.2	7.0	0.42	2.5	20.0	4:30p	NNW
18	70.1	80.7	6:30p	59.8	12:00m	0.6	5.7	0.01	1.9	10.0	11:30a	NNW
19	64.1	69.8	3:00p	58.3	2:00a	2.1	1.2	0.29	1.4	12.0	1:00p	NNW
20	66.2	77.2	3:00p	61.4	7:30a	1.1	2.3	0.36	1.6	19.0	4:00p	NNW
21	67.8	81.9	7:00p	60.2	8:30a	1.7	4.5	0.01	1.3	16.0	11:30p	SE
22	70.0	84.7	5:00p	58.2	7:00a	1.3	6.3	0.00	1.3	12.0	12:30a	SSE
23	71.1	87.2	5:30p	57.4	6:30a	1.7	7.7	0.00	0.7	10.0	1:00p	NNE
24	72.0	85.4	2:30p	61.4	7:00a	0.4	7.5	0.00	0.7	8.0	5:00p	NNW
25	72.6	82.6	11:30a	66.7	7:00a	0.0	7.6	0.00	1.1	11.0	12:00p	NNW
26	71.2	77.9	1:00p	67.0	2:30p	0.0	6.2	1.08	2.0	27.0	1:30p	ESE
27	75.3	86.2	4:30p	66.1	7:00a	0.0	10.2	0.00	2.4	10.0	12:00p	SSE
28	75.9	84.9	4:00p	64.7	12:00m	0.0	10.9	0.05	3.3	16.0	1:00p	NW
29	69.3	81.8	5:00p	57.8	7:00a	1.7	5.9	0.00	1.4	10.0	3:30p	N
30	69.8	85.9	6:00p	57.2	6:00a	1.9	6.6	0.00	0.8	7.0	12:30p	ENE
31	75.1	93.1	5:00p	57.9	7:00a	1.2	11.4	0.00	1.5	16.0	2:00p	SSE
	72.9	93.1	31	57.2	30	17.5	260.3	3.30	1.7	30.0	9	NNW

Max >= 90.0: 5

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 1.08 ON 08/26/12

Days of Rain: 8 (>.01 in) 7 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration



MONTHLY CLIMATOLOGICAL SUMMARY for SEP. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		DIR
1	76.6	89.2	3:30p	69.0	6:30a	0.0	11.6	0.00	1.3	13.0	6:30p	NW
2	73.6	80.5	6:00p	67.1	5:30a	0.0	8.6	0.00	0.6	8.0	12:00m	SE
3	76.6	83.4	4:00p	71.1	3:30a	0.0	11.6	0.01	3.1	15.0	3:00p	SSE
4	77.0	82.9	2:30p	71.7	5:00a	0.0	12.0	0.00	4.0	15.0	2:30p	SSE
5	79.0	89.5	5:00p	72.4	5:00a	0.0	14.0	0.00	1.8	12.0	1:00p	S
6	76.0	85.6	4:30p	70.3	7:30a	0.0	11.0	0.00	1.8	11.0	4:30p	NNW
7	77.0	89.6	3:30p	66.0	7:00a	0.0	12.0	0.01	1.9	13.0	10:30p	SSE
8	70.1	82.1	12:00p	61.2	12:00m	0.2	5.3	0.46	3.4	27.0	1:00p	ESE
9	63.2	76.4	5:00p	53.2	7:00a	4.5	2.7	0.01	2.4	18.0	6:00p	NW
10	59.3	72.4	3:30p	48.0	7:00a	7.2	1.6	0.00	3.0	19.0	1:30p	NNW
11	58.4	76.1	6:00p	43.5	7:30a	9.0	2.4	0.01	0.9	11.0	3:00p	E
12	61.6	80.0	4:30p	46.1	6:30a	7.4	4.0	0.00	1.2	10.0	1:30p	SSE
13	64.4	80.4	5:00p	51.4	7:00a	5.1	4.6	0.00	1.3	17.0	1:00p	SSE
14	64.7	81.1	4:30p	50.1	7:30a	4.9	4.6	0.00	1.5	10.0	3:30p	SSE
15	64.6	74.3	3:30p	52.7	12:00m	3.0	2.6	0.00	4.8	17.0	10:30a	NNW
16	58.7	72.3	6:30p	47.9	7:00a	8.0	1.7	0.00	1.1	12.0	12:30p	SW
17	60.8	75.3	3:00p	44.6	7:00a	6.8	2.6	0.00	2.9	16.0	3:30p	SSE
18	67.8	71.7	11:00a	60.9	12:00m	0.2	3.0	2.27	5.1	29.0	10:30a	SSE
19	58.7	68.1	5:00p	46.5	12:00m	6.7	0.3	0.00	3.3	16.0	1:00a	NNW
20	57.3	72.9	4:30p	42.2	6:00a	9.3	1.6	0.01	2.1	16.0	1:00p	NNW
21	66.3	78.5	4:30p	53.9	7:00a	3.3	4.6	0.00	2.7	13.0	12:00m	SSE
22	69.7	83.3	3:00p	59.4	11:30p	0.8	5.5	0.00	4.3	24.0	12:00m	ESE
23	56.2	66.2	4:30p	45.7	7:30a	8.8	0.0	0.00	3.6	21.0	12:30a	NW
24	53.7	66.6	6:00p	44.9	6:00a	11.4	0.1	0.00	1.8	15.0	1:00p	SSE
25	58.2	72.4	2:30p	40.2	6:30a	8.5	1.6	0.00	2.8	14.0	4:00p	SSE
26	66.4	79.0	4:30p	58.1	5:30a	2.0	3.4	0.01	3.1	15.0	2:00p	S
27	67.8	77.2	4:00p	61.2	7:30a	0.8	3.6	0.36	1.5	13.0	4:00a	SSE
28	65.3	73.4	1:00p	58.0	11:30p	1.6	1.8	0.13	2.9	14.0	1:00p	NW
29	56.6	65.9	2:00p	48.0	6:00a	8.4	0.0	0.00	2.2	13.0	11:00a	NW
30	54.1	67.4	2:00p	46.7	12:00m	11.0	0.1	0.25	1.6	12.0	4:00p	SE
	65.3	89.6	7	40.2	25	128.9	138.5	3.53	2.5	29.0	18	SSE

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 0

Min <= 0.0: 0

Max Rain: 2.27 ON 09/18/12

Days of Rain: 5 (>.01 in) 5 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for OCT. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		DIR
1	54.8	68.0	3:00p	44.4	7:30a	10.5	0.3	0.03	1.6	14.0	7:30p	SE
2	61.5	66.2	4:00p	57.8	12:30a	3.6	0.1	0.51	1.3	6.0	10:00a	NW
3	67.0	76.7	5:00p	62.5	2:00a	0.9	2.9	0.00	0.6	6.0	11:00a	E
4	68.3	78.6	5:00p	56.0	12:00m	0.6	4.0	0.03	1.9	15.0	3:30p	NW
5	64.5	79.5	5:00p	52.8	4:30a	4.4	3.9	0.00	1.5	14.0	11:30a	SE
6	58.5	67.6	11:00a	43.9	12:00m	6.7	0.2	0.00	3.9	26.0	2:00p	NW
7	48.0	51.6	4:00p	42.8	11:00p	17.0	0.0	0.03	1.6	10.0	9:30p	NW
8	42.2	46.7	12:30p	36.5	4:30a	22.8	0.0	0.13	1.6	9.0	1:00p	NNW
9	49.9	61.0	4:30p	42.9	4:00a	15.1	0.0	0.00	1.3	8.0	12:30p	NNW
10	51.7	68.5	4:00p	41.9	4:30a	13.5	0.2	0.00	2.6	21.0	6:30p	NNW
11	48.4	60.5	5:00p	39.7	7:30a	16.6	0.0	0.00	3.1	13.0	9:30a	NW
12	45.3	58.4	12:00p	33.5	12:00m	19.7	0.0	0.00	3.3	22.0	1:00p	NNW
13	44.0	57.8	4:30p	28.3	8:00a	21.0	0.0	0.01	2.9	17.0	2:30p	SSE
14	58.3	72.5	4:30p	47.2	1:30a	7.9	1.1	0.00	4.0	17.0	8:30p	ESE
15	63.0	66.7	4:30p	54.4	12:00m	2.1	0.1	0.11	4.5	18.0	9:00p	SSE
16	52.6	61.2	3:30p	39.8	12:00m	12.4	0.0	0.00	3.8	18.0	11:00a	NW
17	50.4	66.4	4:30p	34.7	8:00a	14.7	0.1	0.00	2.1	13.0	1:30p	SSE
18	58.5	66.8	5:30p	50.4	8:00a	6.7	0.2	0.73	5.3	21.0	12:30p	ESE
19	58.0	66.7	5:30p	51.8	10:30p	7.0	0.1	0.22	1.4	8.0	11:30a	NNW
20	52.8	62.1	5:00p	43.3	6:30a	12.2	0.0	0.01	2.5	18.0	12:30p	NNW
21	50.6	62.5	4:30p	37.0	8:00a	14.4	0.0	0.00	2.9	20.0	2:30p	NW
22	50.8	72.6	5:30p	35.2	7:00a	14.9	0.7	0.00	1.1	13.0	1:30p	SSE
23	57.2	74.2	5:30p	46.4	4:30a	9.0	1.2	0.02	0.8	19.0	8:30a	SSE
24	62.7	79.4	5:00p	52.0	5:30a	5.3	3.0	0.00	1.0	11.0	4:00p	N
25	61.1	67.0	5:00p	54.8	7:30a	4.1	0.2	0.00	2.3	12.0	9:00p	ESE
26	62.6	66.8	4:00p	58.5	9:30p	2.7	0.2	0.00	2.0	12.0	12:30a	ESE
27	62.2	68.4	1:30p	57.8	6:30a	3.2	0.4	0.00	2.0	13.0	11:30a	ESE
28	56.0	58.6	3:30a	50.8	12:00m	9.0	0.0	0.16	4.1	17.0	11:30p	N
29	48.0	50.8	12:30a	43.4	12:00m	17.0	0.0	3.40	10.2	37.0	12:00m	NW
30	41.1	44.2	4:00a	39.3	10:30p	23.9	0.0	0.84	7.3	33.0	3:00a	S
31	43.3	48.8	2:00p	38.6	2:30a	21.7	0.0	0.04	3.8	19.0	12:00p	W
	54.6	79.5	5	28.3	13	340.6	18.9	6.27	2.8	37.0	29	NW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 1

Min <= 0.0: 0

Max Rain: 3.40 ON 10/29/12

Days of Rain: 13 (>.01 in) 8 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for NOV. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	SPEED		DIR
1	45.9	49.5	2:30p	41.7	2:30a	19.1	0.0	0.00	3.8	18.0	12:00p	W
2	43.1	49.5	3:00p	33.0	6:00a	21.9	0.0	0.00	4.3	22.0	6:30p	WNW
3	43.0	46.1	2:30p	40.8	9:30p	22.0	0.0	0.00	5.6	21.0	2:30p	WNW
4	41.2	48.5	2:00p	33.7	3:30a	23.8	0.0	0.00	4.1	15.0	11:30a	NW
5	39.1	47.1	3:30p	26.8	12:00m	25.9	0.0	0.00	4.8	17.0	12:30p	NNW
6	33.4	45.0	3:00p	23.3	7:00a	31.6	0.0	0.00	1.4	11.0	10:00a	N
7	37.4	41.8	3:00p	33.0	12:30a	27.6	0.0	0.00	3.9	13.0	11:30a	NNW
8	42.6	52.5	3:00p	31.0	6:30a	22.4	0.0	0.00	5.6	22.0	12:00p	NW
9	43.2	57.3	4:30p	32.3	7:00a	21.8	0.0	0.00	2.8	16.0	12:00p	NW
10	47.3	63.0	4:00p	30.2	6:00a	17.7	0.0	0.00	2.1	11.0	8:30p	ESE
11	52.7	66.0	2:30p	34.8	7:00a	12.3	0.0	0.00	2.7	13.0	3:30p	ESE
12	59.5	66.8	5:30p	48.6	12:00m	5.8	0.3	0.27	7.8	25.0	11:00p	SSE
13	40.8	48.6	12:30a	28.2	12:00m	24.2	0.0	0.47	5.2	21.0	10:30a	NW
14	33.3	44.9	3:00p	25.5	5:30a	31.7	0.0	0.00	1.2	13.0	2:00p	N
15	34.1	44.1	3:30p	26.6	2:30a	30.9	0.0	0.00	0.6	7.0	3:00p	NNE
16	37.7	53.0	3:00p	28.7	8:00a	27.3	0.0	0.01	1.1	12.0	1:30p	N
17	37.4	57.5	4:00p	23.7	7:00a	27.6	0.0	0.00	1.0	14.0	2:00p	SE
18	40.8	54.4	1:30p	27.9	6:00a	24.2	0.0	0.00	1.1	11.0	1:30p	NNW
19	41.1	50.0	2:30p	30.8	10:30p	23.9	0.0	0.00	1.8	11.0	1:30p	NNW
20	37.7	49.2	3:00p	28.7	6:30a	27.3	0.0	0.01	0.5	7.0	12:00p	NNW
21	36.6	54.9	3:00p	27.8	8:00a	28.4	0.0	0.00	0.4	6.0	3:30p	NW
22	37.0	57.4	3:00p	24.8	6:00a	28.0	0.0	0.01	0.5	6.0	12:00p	ENE
23	44.3	62.0	1:30p	26.7	4:30a	20.7	0.0	0.01	3.9	30.0	11:30p	E
24	36.3	40.4	12:30a	33.2	12:00m	28.7	0.0	0.00	7.6	28.0	1:00a	WNW
25	33.6	42.0	2:30p	23.9	12:00m	31.4	0.0	0.00	3.2	17.0	2:00a	W
26	35.2	51.7	3:00p	22.5	5:00a	29.8	0.0	0.00	1.3	15.0	12:00p	ESE
27	37.4	40.5	2:30p	34.3	8:30a	27.6	0.0	0.28	3.2	13.0	2:30p	NNW
28	36.5	45.1	3:00p	27.0	12:00m	28.5	0.0	0.00	2.5	16.0	2:00p	WNW
29	32.9	48.5	3:30p	22.4	4:30a	32.1	0.0	0.00	1.8	14.0	12:30p	SE
30	36.5	53.6	3:00p	23.2	7:30a	28.5	0.0	0.00	1.4	10.0	3:00p	NW
	39.9	66.8	12	22.4	29	752.7	0.3	1.06	2.9	30.0	23	NW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 20

Min <= 0.0: 0

Max Rain: 0.47 ON 11/13/12

Days of Rain: 3 (>.01 in) 3 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration

MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2012

NAME: WMREC CITY: Keedysville STATE: Maryland  
 ELEV: 600 ft LAT: 39° 38' 31" N LONG: 77° 44' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

DAY	MEAN		TIME	LOW	TIME	HEAT	COOL	RAIN	AVG		TIME	DOM
	TEMP	HIGH				DEG	DEG		WIND	HIGH		DIR
1	37.2	50.3	3:00p	26.7	7:30a	27.8	0.0	0.00	1.2	9.0	7:30a	NNW
2	41.4	55.0	2:30p	29.6	5:00a	23.6	0.0	0.00	1.7	11.0	3:00p	NW
3	53.8	65.7	12:00p	39.8	7:30a	11.2	0.0	0.00	1.2	9.0	1:00a	SSE
4	59.8	71.9	3:00p	47.0	7:00a	6.1	0.9	0.00	3.1	14.0	2:00p	SSE
5	48.9	62.8	1:30a	33.3	12:00m	16.1	0.0	0.00	7.5	25.0	3:30p	NW
6	33.4	43.1	3:00p	22.0	7:30a	31.6	0.0	0.00	2.1	14.0	11:00p	ESE
7	38.7	43.8	3:00p	35.4	2:00a	26.3	0.0	0.13	3.8	17.0	1:30a	ESE
8	44.1	54.8	3:30p	36.6	6:30a	20.9	0.0	0.04	1.3	7.0	1:00p	NW
9	45.9	47.9	12:30a	42.0	3:30a	19.1	0.0	0.31	1.5	11.0	4:00p	ESE
10	49.9	55.0	2:00p	44.6	8:00a	15.1	0.0	0.04	2.6	23.0	11:30p	SE
11	41.4	46.4	12:00p	31.0	12:00m	23.6	0.0	0.00	4.3	20.0	10:00a	NW
12	33.6	40.1	1:00p	28.2	12:00m	31.4	0.0	0.00	1.1	10.0	10:30a	NW
13	31.0	46.1	3:00p	21.9	8:00a	34.0	0.0	0.00	0.6	6.0	12:30p	SSW
14	32.7	52.3	4:00p	20.3	6:30a	32.3	0.0	0.01	1.0	9.0	2:30p	S
15	39.4	51.2	2:00p	26.5	8:00a	25.6	0.0	0.00	2.7	13.0	12:30p	ESE
16	44.9	46.8	1:30p	42.2	6:30a	20.1	0.0	0.00	4.4	15.0	10:30a	SE
17	45.5	50.5	10:00p	37.5	6:00a	19.5	0.0	0.19	2.2	14.0	9:00p	SE
18	45.2	55.1	11:30a	34.4	11:30p	19.8	0.0	0.00	4.2	27.0	4:00p	WNW
19	41.0	51.1	12:30p	29.9	3:30a	24.0	0.0	0.00	2.3	18.0	3:00p	WNW
20	38.5	46.4	12:00m	31.7	8:00a	26.5	0.0	0.30	4.5	27.0	11:00p	ESE
21	38.8	47.6	1:00a	36.1	7:00p	26.2	0.0	0.34	7.5	29.0	10:00p	W
22	35.8	39.5	3:00p	30.5	11:00p	29.2	0.0	0.00	10.4	36.0	12:00p	WNW
23	33.0	47.5	3:00p	21.7	7:00a	32.0	0.0	0.00	2.9	15.0	2:00p	S
24	30.3	36.0	1:00p	23.6	7:00a	34.7	0.0	0.00	1.2	10.0	12:00p	SE
25	33.6	39.9	2:00p	29.3	9:00p	31.4	0.0	0.26	0.9	7.0	12:00p	NNW
26	31.5	34.6	12:00m	28.8	8:30a	33.5	0.0	0.01	1.6	13.0	11:30p	N
27	34.9	36.8	11:00a	33.3	3:00a	30.1	0.0	0.33	9.0	31.0	11:00a	NW
28	33.3	38.6	3:00p	26.7	9:30p	31.7	0.0	0.16	3.0	15.0	1:00a	NW
29	34.1	38.0	6:00p	28.9	12:30a	30.9	0.0	0.15	5.0	32.0	7:00p	NW
30	33.3	36.7	3:00p	24.6	12:00m	31.7	0.0	0.00	8.0	30.0	11:00a	NW
31	29.9	42.0	9:30p	18.9	6:30a	35.1	0.0	0.00	3.5	16.0	10:30p	S
	39.2	71.9	4	18.9	31	801.1	0.9	2.27	3.4	36.0	22	NW

Max >= 90.0: 0

Max <= 32.0: 0

Min <= 32.0: 19

Min <= 0.0: 0

Max Rain: 0.34 ON 12/21/12

Days of Rain: 11 (>.01 in) 9 (>.1 in) 0 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration