

TABLE 5

MAXIMUM 1- THROUGH 72-HOUR, 5-DAY, AND 10-DAY RAINS FROM MAY 13 THROUGH MAY 22, 2020

WATERSHED	COUNTY	RAIN GAUGE NAME AND/OR DESIGNATION	RAIN GAUGE LOCATION	RAIN GAUGE OPERATOR	GAUGE NUMBER	MAXIMUM 1-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 1-HOUR PRECIP <sup>a</sup> (percent)	MAXIMUM 2-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 2-HOUR PRECIP <sup>a</sup> (percent)	MAXIMUM 3-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 3-HOUR PRECIP <sup>a</sup> (percent)	MAXIMUM 6-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 6-HOUR PRECIP <sup>a</sup> (percent)	MAXIMUM 12-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 12-HOUR PRECIP <sup>a</sup> (percent)	MAXIMUM 24-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 24-HOUR PRECIP <sup>a</sup> (percent)	MAXIMUM 48-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 48-HOUR PRECIP <sup>a</sup> (percent)	MAXIMUM 72-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 72-HOUR PRECIP <sup>a</sup> (percent)	MAXIMUM 5-DAY PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 5-DAY PRECIP <sup>a</sup> (percent)	MAXIMUM 10-DAY PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 10-DAY PRECIP <sup>a</sup> (percent)	
East and West Branches																										
Milwaukee River	Ozaukee	WI-OZ-17	West Bend 7.3 E	NWS CoCoRaHS <sup>b</sup>	103	-	-	-	-	-	-	-	-	-	-	-	3.36	10 to 20	4.34	~ 10	4.56	10 to 20	4.78	10 to 20	4.90	20 to 50
Kinnickinnic River	Milwaukee	WS 1203	245 W. Lincoln Ave	MMSD	20	0.72	> 99	1.05	> 99	1.24	> 99	1.57	> 99	2.52	20 to 50	3.34	10 to 20	3.97	10 to 20	4.34	10 to 20	-	-	-	-	
Kinnickinnic River	Milwaukee	WS 1211	700 E. Jones St.	MMSD	22	0.66	> 99	0.99	> 99	1.21	> 99	1.60	> 99	2.63	20 to 50	3.30	10 to 20	3.66	~ 20	3.95	20 to 50	-	-	-	-	
Menomonee River	Milwaukee	WI-MW-18	West Allis 0.7 SSE	NWS CoCoRaHS	104	-	-	-	-	-	-	-	-	-	-	-	2.96	20 to 50	4.07	10 to 20	4.78	4 to 10	5.17	~ 10	5.69	10 to 20
Menomonee River	Milwaukee	WI-MW-46	Wauwatosa 1.9 E	NWS CoCoRaHS	105	-	-	-	-	-	-	-	-	-	-	-	3.47	10 to 20	4.21	10 to 20	4.88	4 to 10	5.24	~10	5.71	10 to 20
Menomonee River	Milwaukee	WS 1201	8500 S. 5th St	MMSD	106	0.38	> 99	0.49	> 99	0.79	> 99	0.99	> 99	1.79	> 99	2.52	50 to 99	2.58	99	2.78	> 99	-	-	-	-	
Menomonee River	Milwaukee	WS 1204	300 S. 84th St	MMSD	35	1.17	50 to 99	1.57	~ 50	1.75	~ 50	2.21	20 to 50	2.90	10 to 20	3.50	10 to 20	4.02	10 to 20	4.40	10 to 20	-	-	-	-	
Menomonee River	Milwaukee	WS 1209	8463 N. Granville Road	MMSD	107	0.81	> 99	1.10	> 99	1.28	> 99	1.71	99	2.85	~ 20	3.47	10 to 20	3.85	10 to 20	4.12	10 to 20	-	-	-	-	
Menomonee River	Milwaukee	WS 1221	123 N. 25th Street	MMSD	38	0.65	> 99	1.13	> 99	1.35	> 99	1.88	50 to 99	3.13	10 to 20	3.86	4 to 10	4.34	~ 10	4.71	~ 10	-	-	-	-	
Menomonee River	Milwaukee	WS 1224	W Green Tree Rd at N River Rd	MMSD	108	0.98	> 99	1.39	50 to 99	1.59	50 to 99	2.16	20 to 50	3.25	10 to 20	3.91	4 to 10	4.58	4 to 10	4.91	4 to 10	-	-	-	-	
Menomonee River	Milwaukee	WS 1229	12308 W. Underwood Creek Pkwy	MMSD	109	0.72	> 99	0.95	> 99	1.10	> 99	1.49	> 99	2.52	20 to 50	3.11	20 to 50	3.57	20 to 50	3.95	20 to 50	-	-	-	-	
Milwaukee River South	Milwaukee	WI-MW-1	Shorewood 0.6 NW	NWS CoCoRaHS	46	-	-	-	-	-	-	-	-	-	-	-	3.65	10 to 20	4.22	10 to 20	4.51	10 to 20	4.85	10 to 20	5.14	20 to 50
Milwaukee River South	Milwaukee	WI-MW-14	Milwaukee 3.6 NNW	NWS CoCoRaHS	110	-	-	-	-	-	-	-	-	-	-	-	4.05	4 to 10	4.68	4 to 10	5.02	4 to 10	5.32	4 to 10	5.80	~ 20
Milwaukee River South	Milwaukee	WI-MW-43	Brown Deer 0.8 NW	NWS CoCoRaHS	111	-	-	-	-	-	-	-	-	-	-	-	3.65	10 to 20	4.27	10 to 20	4.66	10	4.95	10 to 20	5.40	20 to 50
Milwaukee River South	Ozaukee	WI-OZ-21	Mequon 3.3 ESE	NWS CoCoRaHS	112	-	-	-	-	-	-	-	-	-	-	-	4.62	4	5.47	2 to 4	5.85	2 to 4	6.09	4 to 10	6.45	4 to 10
Milwaukee River South	Milwaukee	WS 1202	5335 N. Teutonia Ave	MMSD	48	0.98	> 99	1.42	50 to 99	1.60	50 to 99	2.06	20 to 50	3.13	10 to 20	3.73	~ 10	4.34	~ 10	4.67	10	-	-	-	-	
Milwaukee River South	Milwaukee	WS 1206	3626 W. Fond du Lac Ave.	MMSD	50	1.05	> 99	1.63	20 to 50	1.82	20 to 50	2.37	20 to 50	3.75	4 to 10	4.50	4 to 10	5.19	4 to 10	5.56	4 to 10	-	-	-	-	
Milwaukee River South	Milwaukee	WS 1207	8135 W. Florist Ave.	MMSD	39	0.81	> 99	1.23	> 99	1.43	99	2.00	~ 50	3.31	~ 10	4.23	4 to 10	4.97	4 to 10	5.40	4 to 10	-	-	-	-	
Milwaukee River South	Ozaukee	WS 1214	2700 W. Pioneer Road	MMSD	113	0.79	> 99	1.15	> 99	1.52	50 to 99	2.30	20 to 50	3.65	4 to 10	4.26	4 to 10	4.94	4 to 10	5.23	4 to 10	-	-	-	-	
Milwaukee River South	Milwaukee	WS 1225	3801 N. Morris Blvd.	MMSD	114	0.61	> 99	1.08	> 99	1.32	> 99	1.92	50 to 99	3.31	10	4.13	4 to 10	4.72	4 to 10	5.00	4 to 10	-	-	-	-	
Oak Creek	Milwaukee	WS 1222	6060 S. 13th St	MMSD	55	0.52	> 99	0.80	> 99	0.98	> 99	1.35	> 99	2.24	50 to 99	2.98	20 to 50	3.32	20 to 50	3.60	20 to 50	-	-	-	-	
Pike River	Racine	WI-RC-18	Racine 2.4 S	NWS CoCoRaHS	115	-	-	-	-	-	-	-	-	-	-	-	3.20	~ 20	4.30	~ 10	4.55	10 to 20	5.40	4 to 10	5.67	10 to 20
Pike River	Racine	WI-RC-22	Elmwood Park 1.8 SW	NWS CoCoRaHS	116	-	-	-	-	-	-	-	-	-	-	-	2.82	20 to 50	4.31	~ 10	4.62	10 to 50	5.45	4 to 10	5.85	10 to 20
Pike River	Racine	WI-RC-4	Racine 3.0 WNW	NWS CoCoRaHS	117	-	-	-	-	-	-	-	-	-	-	-	2.19	> 99	3.41	20 to 50	3.64	20 to 50	4.61	10 to 20	4.89	20 to 50
Root River	Racine	Root River Canal near Franklin - 04087233	-	USGS	71	0.48	> 99	0.78	> 99	0.96	> 99	1.26	> 99	2.09	50 to 99	2.89	20 to 50	2.94	50 to 99	3.49	20 to 50	3.96	20 to 50	4.05	> 99	
Root River	Milwaukee	WI-MW-19	Franklin 1.0 NW	NWS CoCoRaHS	118	-	-	-	-	-	-	-	-	-	-	-	3.54	10 to 20	3.92	10 to 20	4.05	20	4.45	20 to 50	4.98	20 to 50
Root River	Milwaukee	WI-MW-28	Franklin 2.4 ENE	NWS CoCoRaHS	119	-	-	-	-	-	-	-	-	-	-	-	2.49	50 to 99	2.87	50 to 99	3.01	50 to 99	4.54	~ 20	4.96	20 to 50
Root River	Milwaukee	WI-MW-33	Hales Corners 0.7 SE	NWS CoCoRaHS	120	-	-	-	-	-	-	-	-	-	-	-	2.38	99	3.34	20 to 50	3.54	20 to 50	4.13	50 to 99	4.41	50 to 99
Root River	Racine	WI-RC-3	Racine 2.3 WSW	NWS CoCoRaHS	121	-	-	-	-	-	-	-	-	-	-	-	2.49	50 to 99	3.76	~ 20	4.09	~ 20	4.90	10 to 20	5.29	20 to 50
Root River	Racine	WI-RC-7	Caledonia 3.6 WNW	NWS CoCoRaHS	122	-	-	-	-	-	-	-	-	-	-	-	2.10	> 99	3.04	50	3.30	~ 50	3.48	50 to 99	3.84	> 99
Root River	Milwaukee	WS 1216	3563 S. 97th Street	MMSD	69	0.91	> 99	1.22	> 99	1.36	> 99	1.82	50 to 99	2.80	~ 20	3.39	10 to 20	3.84	10 to 20	4.19	10 to 20	-	-	-	-	
Root River	Milwaukee	WS 1226	7979 Ryan Rd	MMSD	123	0.63	> 99	1.06	> 99	1.23	> 99	1.65	> 99	2.70	20 to 50	3.53	10 to 20	3.80	10 to 20	4.06	~ 20	-	-	-	-	
Sauk and Sucker Creeks	Ozaukee	WI-OZ-12	Port Washington 0.5 S	NWS CoCoRaHS	124	-	-	-	-	-	-	-	-	-	-	-	4.48	4 to 10	4.98	4 to 10	5.31	4 to 10	5.51	4 to 10	5.78	10 to 20
Sauk and Sucker Creeks	Ozaukee	WI-OZ-18	Port Washington 0.8 NE	NWS CoCoRaHS	125	-	-	-	-	-	-	-	-	-	-	-	6.10	1 to 2	-	-	-	-	-	-	-	
Wind Point	Racine	Racine Batten Airport	3239 N Green Bay Rd, Racine	NWS Cooperator	66	0.79	> 99	0.92	> 99	1.01	> 99	1.68	~ 99	2.99	10 to 20	4.04	4 to 10	4.27	10 to 20	4.99	4 to 10	5.65	4 to 10	6.03	10 to 20	
Wind Point	Racine	WI-RC-26	Racine 1.4 NNW	NWS CoCoRaHS	126	-	-	-	-	-	-	-	-	-	-	-	2.97	20 to 50	3.65	20 to 50	3.90	20 to 50	4.84	10 to 20	5.06	20 to 50
<b>MAXIMUM RAINFALL (INCHES)</b>						<b>1.17</b>		<b>1.63</b>		<b>1.82</b>		<b>2.37</b>		<b>3.75</b>		<b>6.10</b>		<b>5.47</b>		<b>5.85</b>		<b>6.09</b>		<b>6.45</b>		
<b>ESTIMATED MAXIMUM RECURRENCE INTERVAL</b>						<b>1 to 2 YEARS</b>		<b>2 to 5 YEARS</b>		<b>2 to 5 YEARS</b>		<b>2 to 5 YEARS</b>		<b>10 to 25 YEARS</b>		<b>50 to 100 YEARS</b>		<b>25 to 50 YEARS</b>		<b>25 to 50 YEARS</b>		<b>10 to 25 YEARS</b>		<b>10 to 25 YEARS</b>		
<b>PROBABILITY OF MAXIMUM RAINFALL PER NOAA ATLAS 14</b>						<b>50% to &gt; 99%</b>		<b>20% to 50%</b>		<b>20% to 50%</b>		<b>20% to 50%</b>		<b>4% to 10%</b>		<b>1% to 2%</b>		<b>2% to 4%</b>		<b>2% to 4%</b>		<b>4% to 10%</b>		<b>4% to 10%</b>		

NOTE: Those gauges for which 1- through 12-hour rainfall depths are not listed are read daily.

<sup>a</sup> Based on NOAA Atlas 14, Volume 8, Version 2.0, Precipitation Frequency Data Server

<sup>b</sup> CoCoRaHS: Community Collaborative Rain, Hail, & Snow Network

Source: National Weather Service, U.S. Geological Survey, and SEWRPC

MAY 2020 RAINFALL FREQUENCY SUMM TABLES - ATLAS 14 (00254537).XLSX