TABLE 6

MAXIMUM 1- THROUGH 72-HOUR RAINS FROM SEPTEMBER 10 THROUGH SEPTEMBER 13, 2022

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[a] (percent)	MAXIMUM 2-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 2-HOUR PRECIP[a] (percent)	MAXIMUM 3-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 3-HOUR PRECIP[a] (percent)	MAXIMUM 6-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 6-HOUR PRECIP[a] (percent)	MAXIMUM 12-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 12-HOUR PRECIP[a] (percent)	MAXIMUM 24-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 24-HOUR PRECIP[a] (percent)	MAXIMUM 48-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 48-HOUR PRECIP[a] (percent)	MAXIMUM 72-HOUR PRECIP (inches)	ESTIMATED ANNUAL PROBABILITY OF OCCURRENCE OF MAXIMUM 72-HOUR PRECIP[a] (percent)
Bark River	Waukesha	WI-WK-96	Dousman 0.9 SSE	CoCoRaHS	127	-	-	-	-	-	-	-	-	-	-	5.57	1 to 2	6.68	1 to 2	6.95	1 to 2
Bark River	Waukesha	WI-WK-91	Hartland 2.5 N	CoCoRaHS	128	-	-	-	-	-	-	-	-	-	-	5.51	1 to 2	6.98	~ 1	7.98	0.5 to 1
Bark River	Waukesha	WI-WK-61	Hartland 5.0 NNE	CoCoRaHS	129	-	-	-	-	-	-	-	-	-	-	4.12	4 to 10	5	4 to 10	5.87	4 to 10
Bark River	Waukesha	WI-WK-95	Merton 1.3 ENE	CoCoRaHS	130	-	-	-	-	-	-	-	-	-	-	5.01	2 to 4	5.91	2 to 4	6.17	2 to 4
Fox River	Racine	Waterford Dam at Waterford 424555088124801	Upstream side of Waterford Dam in Waterford	USGS	131	0.58	> 99	0.86	> 99	1.16	> 99	2.03	~ 50	2.90	10 to 20	3.49	10 to 20	3.62	20 to 50	3.63	20 to 50
Fox River	Waukesha	Waukesha WWTP	600 Sentry Dr.	NWS Cooperator	7	-	-	-	-	-	-	-	-	-	-	5.61	1 to 2	7.91	~ 0.5	8.03	0.5 to 1
Fox River	Waukesha	Muskego Lake near Wind Lake 425109088075001	Dam outlet of Muskego Lake	USGS	132	0.49	> 99	0.88	> 99	1.17	> 99	1.77	50 to 99	2.93	10 to 20	3.41	10 to 20	3.50	20 to 50	3.50	~ 50
Fox River	Waukesha	WI-WK-35	New Berlin 0.6 ESE	CoCoRaHS	133	-	-	-	-	-	-	-	-	-	-	7.10	0.2 to 0.5	7.35	0.5 to 1	7.45	1 to 2
Fox River	Waukesha	WI-WK-85	Brookfield 2.5 WNW	CoCoRaHS	134	-	-	-	-	-	-	-	-	-	-	5.00	2 to 4	6.66	1 to 2	6.82	1 to 2
Fox River	Waukesha	WI-WK-74	Brookfield 2.8 SSW	CoCoRaHS	135	-	-	-	-	-	-	-	-	-	-	5.52	1 to 2	6.07	2 to 4	6.23	2 to 4
Fox River	Waukesha	WI-WK-93	Brookfield 2.9 NNE	CoCoRaHS	136	-	-	-	-	-	-	-	-	-	-	5.23	2 to 4	5.87	2 to 4	6.08	2 to 4
Fox River	Waukesha	Brookfield WWTP	21225 Enterprise Ave.	NWS Cooperator	137	-	-	-	-	-	-	-	-	-	-	5.81	1 to 2	7.81	0.5 to 1	7.93	0.5 to 1
Fox River	Waukesha	WI-WK-47	1.9 WNW	CoCoRaHS	138	-	-	-	-	-	-	-	-	-	-	5.62	1 to 2	6.34	1 to 2	6.47	2 to 4
Fox River	Waukesha	WI-WK-112	Pewaukee 3.2 W	CoCoRaHS	139	-	-	-	-	-	-	-	-	-	-	5.33	1 to 2	6.12	~ 2	6.45	2 to 4
Fox River	Waukesha	WI-WK-22	Pewaukee 3.8 WSW	CoCoRaHS	140	-	-	-	-	-	-	-	-	-	-	5.50	1 to 2	6.50	1 to 2	6.63	2 to 4
Fox River	Waukesha	WI-WK-87	Waukesha 3.0 W	CoCoRaHS	141	-	-	-	-	-	-	-	-	-	-	5.03	2 to 4	6.30	1 to 2	6.56	2 to 4
Fox River	Waukesha	WI-WK-101	Waukesha 4.0 NW	CoCoRaHS	142	-	-	-	-	-	-	-	-	-	-	5.44	1 to 2	6.40	1 to 2	6.65	2 to 4
Kinnickinnic River	Milwaukee	Milwaukee Mitchell Airport	5300 S Howell Ave.	NWS Cooperator	19	0.63	> 99	1.24	~ 99	1.52	50 to 99	2.31	20 to 50	4.18	2 to 4	4.53	~ 4	4.68	4 to 10	4.68	10 to 20
Kinnickinnic River	Milwaukee	MS 1203	245 W. Lincoln Ave.	MMSD	20	0.71	> 99	1.06	> 99	1.44	~ 99	2.10	20 to 50	3.97	4 to 10	5.18	2 to 4	5.30	~ 25	5.30	4 to 10
Kinnickinnic River	Milwaukee	WI-MW-91	Milwaukee 5.4 SSE	CoCoRaHS	143	-	-	-	-	-	-	-	-	-	-	5.95	1 to 2	6.09	2 to 4	6.09	2 to 4
Lake Michigan	Milwaukee	WI-MW-13	Oak Creek 2.2 SE	CoCoRaHS	28	-	-	-	-	-	-	-	-	-	-	5.78	1 to 2	5.88	2 to 4	5.89	4 to 10
Menomonee River	Milwaukee	WI-MW-18	West Allis 0.7 SSE	CoCoRaHS	104	-	-	-	-	-	-	-	-	-	-	5.17	2 to 4	5.94	2 to 4	5.94	~ 4
Menomonee River	Milwaukee	WS 1201	8500 S. 5th St.	MMSD	106	0.57	> 99	1.02	> 99	1.44	~ 99	2.49	20 to 50	3.74	4 to 10	7.28	0.2 to 0.5	7.65	0.5 to 1	7.65	~ 1
Menomonee River	Milwaukee	WS 1209	8463 N. Granville Rd.	MMSD	107	0.87	> 99	1.24	~ 99	1.44	~ 99	2.09	20 to 50	3.86	4 to 10	6.35	0.5 to 1	6.65	1 to 2	6.70	2 to 4
Menomonee River	Milwaukee	WS 1204	300 S. 84th St.	MMSD	35	0.59	> 99	1.09	> 99	1.48	50 to 99	2.33	20 to 50	4.08	~ 4	5.11	2 to 4	5.22	4 to 10	5.22	4 to 10
Menomonee River	Milwaukee	WS 1221	123 N. 25th St.	MMSD	38	0.56	> 99	1.04	> 99	1.43	~ 99	2.19	20 to 50	4.17	2 to 4	5.23	2 to 4	5.49	2 to 4	5.49	4 to 10
Menomonee River	Milwaukee	WI-MW-99	Milwaukee 6.6 SSW	CoCoRaHS	144	-	-	-	-	-	-	-	-	-	-	5.78	1 to 2	5.88	2 to 4	5.89	4 to 10
Menomonee River	Waukesha	WS 1218	W152 N8634 Margaret Rd.	MMSD	36	0.69	> 99	0.85	> 99	1.10	> 99	1.96	50 to 99	3.44	4 to 10	5.05	2 to 4	5.67	2 to 4	5.76	4 to 10
Menomonee River	Waukesha	WI-WK-99	Menomonee Falls 1.7 ENE	CoCoRaHS	145	-	-	-	-	-	-	-	-	-	-	5.41	1 to 2	6.75	1 to 2	6.90	1 to 2
Menomonee River	Waukesha	WI-WK-81	Menomonee Falls 2.0 NE	CoCoRaHS	146	-	-	-	-	-	-	-	-	-	-	5.06	2 to 4	5.78	2 to 4	5.92	4 to 10
Menomonee River	Washington	WS 1228	N122 W17177 Fond du Lac Ave.	MMSD	147	0.61	> 99	1.00	> 99	1.25	> 99	1.98	50 to 99	3.24	10 to 20	4.57	~ 25	5.15	4 to 10	5.24	4 to 10
Menomonee River	Washington	WI-WS-37	Hubertus 3.1 E	CoCoRaHS	148	-	-	-	-	-	-	-	-	-	-	4.49	4 to 10	5.67	2 to 4	6.12	2 to 4
Milwaukee River	Milwaukee	WS 1202	5335 N. Teutonia Ave.	MMSD	48	0.61	> 99	0.92	> 99	1.19	> 99	1.78	50 to 99	3.43	4 to 10	4.50	4 to 10	4.67	4 to 10	4.67	10 to 20
Milwaukee River	Milwaukee	WS 1206	3626 W. Fond du Lac Ave.	MMSD	50	0.52	> 99	0.83	> 99	1.04	> 99	1.59	> 99	3.01	10 to 20	4.01	4 to 10	4.28	10 to 20	4.28	~ 20
Milwaukee River	Milwaukee	WS 1224	W. Green Tree Rd. at N. River Rd.	MMSD	52	1.27	~ 50	1.33	50 to 99	1.58	50 to 99	2.22	20 to 50	3.63	4 to 10	4.66	2 to 4	4.77	4 to 10	4.77	10 to 20
Milwaukee River	Milwaukee	WS 1225	3801 N. Morris Blvd.	MMSD	114	0.53	> 99	0.83	> 99	1.09	> 99	1.45	> 99	2.64	20 to 50	3.80	~ 10	3.91	10 to 20	3.91	20 to 50
Milwaukee River	Milwaukee	WS 1207	8135 W. Florist Ave.	MMSD	39	1.11	50 to 99	1.22	> 99	1.71	~ 50	2.37	20 to 50	4.03	4 to 10	6.08	~ 1	6.20	1 to 2	6.26	2 to 4
Milwaukee River	Ozaukee	WS 1214	2700 W. Pioneer Rd.	MMSD	113	0.86	> 99	0.95	> 99	1.10	> 99	1.34	> 99	1.60	< 99	3.04	20 to 50	3.50	20 to 50	3.57	20 to 50
Oak Creek	Racine	WS 1222	6060 S. 13th St.	MMSD	55	0.86	> 99	1.43	50 to 99	1.74	~ 50	2.94	10 to 20	4.85	1 to 2	6.18	0.5 to 1	6.34	1 to 2	6.34	2 to 4
Oconomowoc River	Waukesha	WI-WK-68	Oconomowoc 1.0 S	CoCoRaHS	149	-	-	-	-	-	-	-	-	-	-	5.57	1 to 2	6.50	1 to 2	6.64	2 to 4
Oconomowoc River	Waukesha	WI-WK-42	Oconomowoc 1.2 W	CoCoRaHS	150	-	-	-	-	-	-	-	-	-	-	5.62	1 to 2	6.53	1 to 2	6.77	2 to 4
Oconomowoc River	Waukesha	WI-WK-60	Oconomowoc WSW	CoCoRaHS	151	-	-	-	-	-	-	-	-	-	-	4.23	4 to 10	6.37	1 to 2	6.61	2 to 4
Pike River	Racine	Racine WWTP	2101 Wisconsin Ave.	NWS Cooperator	26	-	-	-	-	-	-	-	-	-	-	6.75	0.5 to 1	6.79	1 to 2	6.81	~ 2
Pike River	Racine	WI-RC-4	Racine 3.0 WNW	CoCoRaHS	117	-	-	-	-	-	-	-	-	-	-	5.56	1 to 2	5.62	2 to 4	5.68	4 to 10
Pike River	Racine	WI-RC-18	Racine 2.4 S	CoCoRaHS	115	-	-	-	-	-	-	-	-	-	-	6.04	~ 1	6.06	2 to 4	6.06	2 to 4
Pike River	Racine	WI-RC-36	Sturtevant 0.8 S	CoCoRaHS	152	-	-	-	-	-	-	-	-	-	-	5.65	1 to 2	5.68	2 to 4	5.68	4 to 10
Rock River	Jefferson	Watertown Municipal Airport	1741 River Dr.	NWS Cooperator	153	0.57	> 99	0.94	> 99	1.27	> 99	2.28	20 to 50	3.09	10 to 20	4.40	4 to 10	4.96	4 to 10	4.99	4 to 10
Root River	Milwaukee	WS 1216	3563 S. 97th St.	MMSD	69	0.70	> 99	1.22	> 99	1.53	50 to 99	2.63	10 to 20	4.42	2 to 4	5.45	1 to 2	5.54	2 to 4	5.55	4 to 10
Root River	Milwaukee	WS 1226	7979 Ryan Rd.	MMSD	123	0.83	> 99	1.47	50 to 99	1.98	20 to 50	3.02	~ 10	4.39	2 to 4	4.99	2 to 4	5.09	4 to 10	5.09	4 to 10
Root River	Milwaukee	WI-MW-23	Greendale 1.0 ENE	CoCoRaHS	154	-	-	-	-	-	-	-	-	-	-	6.22	0.5 to 1	6.48	1 to 2	6.48	2 to 4
Root River	Milwaukee	WI-MW-64	Franklin 3.7 NW	CoCoRaHS	155	-	-	-	-	-	-	-	-	-	-	5.75	1 to 2	6.01	2 to 4	6.21	2 to 4
Root River	Milwaukee	WI-MW-68	Greenfield 0.7 NW	CoCoRaHS	156	-	-	-	-	-	-	-	-	-	-	4.49	4 to 10	4.99	4 to 10	5.14	4 to 10
Root River	Racine	WI-RC-26	Racine 1.4 NNW	CoCoRaHS	126	-	-	-	-	-	-	-	-	-	-	9.76	< 0.1	9.81	0.1 to 0.2	9.81	0.2 to 0.5
Root River	Racine	WI-RC-3	Racine 2.3 WSW	CoCoRaHS	121	-	-	-	-	-	-	-	-	-	-	7.35	0.2 to 0.5	7.39	0.5 to 1	7.39	1 to 2
Root River	Racine	WI-RC-73	Franklin 1.2 ENE	CoCoRaHS	157	-	-	-	-	-	-	-	-	-	-	6.90	~ 0.5	7.08	0.5 to 1	7.08	1 to 2
Root River	Racine	WI-RC-48	Wind Lake 6.0 ESE	CoCoRaHS	158	-	-	-	-	-	-	-	-	-	-	4.28	4 to 10	4.41	4 to 10	4.41	10 to 20
Wind Point	Milwaukee	South Milwaukee WWTP	3003 5th Ave.	NWS Cooperator	159	-	-	-	-	-	-	-	-	-	-	9.03	0.1 to 0.2	9.09	0.2 to 0.5	9.09	0.2 to 0.5
Wind Point	Racine	WI-RC-33	Racine 5.9 N	CoCoRaHS	160	-	-	-	-	-	-	-	-	-	-	7.77	0.2 to 0.5	7.84	~ 0.5	7.89	0.5 to 1
Wind Point	Racine	Racine Batten Airport	3239 N Green Bay Rd.	NWS Cooperator	66	1.10	50 to 99	2.11	10 to 20	2.44	10 to 20	3.82	2 to 4	5.33	1 to 2	5.33	~ 2	5.33	~ 4	5.33	4 to 10
		MAXIMUM RAINFALL (INCHES)				**1.27**		**2.11**		**2.44**		**3.82**		**5.33**		**9.76**		**9.81**		**9.81**	
		ESTIMATED MAXIMUM RECURRENCE INTERVAL				**~ 2 YEARS**		**5 to 10 YEARS**		**5 to 10 YEARS**		**25 TO 50 YEARS**		**50 TO 100 YEARS**		**GREATER THAN 1000 YEARS**		**500 to 1000 YEARS**		**200 to 500 YEARS**	
		PROBABILITY OF MAXIMUM RAINFALL PER NOAA ATLAS 14				**~ 50%**		**10% to 20%**		**10% to 20%**		**2% to 4%**		**1% to 2%**		**< 0.1%**		**0.1% to 0.2%**		**0.5% to 1%**	

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

[a] *Based on NOAA Atlas 14, Volume 8, Version 2.0, Precipitation Frequency Data Server*

[b] *CoCoRaHS: Community Collaborative Rain, Hail, & Snow Network*

Source: Milwaukee Metropolitan Sewerage District, National Centers for Environmental Information, National Weather Service, U.S. Geological Survey, and SEWRPC

Sept 2022 Rainfall Summary Table.xlsx