

Expected St. Marys River Flow Schedule (cms)

July 2021

Time/Date	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
1:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
2:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
3:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
4:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
5:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
6:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
7:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
8:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
9:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
10:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
11:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
12:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
13:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
14:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
15:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
16:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
17:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
18:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
19:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
20:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
21:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
22:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
23:00	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	
Avg Daily Flow (cms)	2458	2458	2458	2458	2458	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	2351	



- Notes
- (1) cms = cubic meters per second; tcfs = thousand cubic feet per second
 - (2) Time is in 24-hour format
 - (3) Flows may fluctuate due to natural weather conditions (such as wind and barometric pressure changes)
 - (4) Flows may vary +/- 10 to 20 cms (400 to 700 cfs) due to weather-influenced level fluctuations on hydropower operations
 - (5) Hydropower outages do occur and expected outages are captured in the flow schedule. In the event of a significant unexpected outage, a revised flow schedule will be issued
 - (6) Ponding will not occur, as the hydro plants will be operating at their maximum capacities this month
 - (7) **Maximum water level fluctuation this month is expected to be: +/-2 cm (1 in)**
 - (8) **Total Superior July outflow: 2,370 cms (83.7 tcfs)**

St. Marys River Expected Flow Schedule: <http://www.lre.usace.army.mil/Missions/GreatLakesInformation/NewsandInformation.aspx>
 USACE Water Levels: <http://www.lre.usace.army.mil/Missions/GreatLakesInformation/GreatLakesWaterLevels.aspx>
 NOAA Water Levels: <http://tidesandcurrents.noaa.gov/stations.html?type=Water+Levels>
 NOAA Great Lakes Online: <http://www.glakesonline.nos.noaa.gov/>



Expected St. Marys River Flow Schedule (tcfs)

July 2021

Time/Date	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
0:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
1:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
2:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
3:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
4:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
5:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
6:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
7:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
8:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
9:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
10:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
11:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
12:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
13:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
14:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
15:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
16:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
17:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
18:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
19:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
20:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
21:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
22:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
23:00	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83
Avg Daily Flow (tcfs)	87	87	87	87	87	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	
Flow Key (tcfs)					Low												Transition						High								

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 NOAA Great Lakes Online: <http://www.gllakesonline.nos.noaa.gov/>

