

Expected St. Marys River Flow Schedule (cms)

May 2022

Time/Date	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	Sun	Mon	Tue
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	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	
1:00	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	
2:00	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	
3:00	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	
4:00	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	
5:00	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	
6:00	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	
7:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
8:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
9:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
10:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
11:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
12:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
13:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
14:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
15:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
16:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
17:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
18:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
19:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
20:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
21:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
22:00	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1997	1850	1850	1997	1997	1997	1997	1850	1850	1997	1997	
23:00	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	1850	
Avg Daily Flow (cms)	1850	1948	1948	1948	1948	1948	1850	1850	1948	1948	1948	1948	1948	1850	1850	1948	1948	1948	1948	1948	1850	1850	1948	1948	1948	1948	1850	1850	1948	1948	



- 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 May outflow: 1,910 cms (67.5 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)

May 2022

Time/Date	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	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue
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	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
1:00	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
2:00	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
3:00	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
4:00	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
5:00	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
6:00	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
7:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
8:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
9:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
10:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
11:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
12:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
13:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
14:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
15:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
16:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
17:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
18:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
19:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
20:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
21:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
22:00	65	71	71	71	71	71	65	65	65	71	71	71	71	65	65	65	71	71	71	71	65	65	71	71	71	71	71	65	65	65	71	71	71	71	71	71	71	71
23:00	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Avg Daily Flow (tcfs)	65	69	69	69	69	69	65	65	69	69	69	69	69	65	65	69	69	69	69	69	65	65	69	69	69	69	69	65	65	69	69	69	69	69	69	69	69	69
Flow Key (tcfs)	Low						Transition						High																									

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