

Flathead Lake Level Analysis

	Net Flow through Flathead Lake in Cubic Feet per Second (CFS)					Flathead Lake Elevation (compared to full pool 2,893 ft)		
	Inflow			Outflow	Net Daily Flow	USGS 12371550 Kerr Dam Reservoir Elevation	Kerr Dam change in elevation feet	Kerr Dam Change in Elevation inches
	a	b	c	d	e			
Date	USGS 12380000 Swan River near Big Fork	USGS 12363500 Flathead River near Kalispell	Total Flathead Lake Inflow (a+b)	USGS 12372000 Flathead River near Polson	Net Inflow minus outflow (c-d)			
13-Jun	2,430	9,550	11,980	12,700	-720	2,892.71	-0.29	-3.48
14-Jun	2,320	9,250	11,570	12,800	-1,230	2,892.64	-0.36	-4.32
15-Jun	2,230	9,570	11,800	12,700	-900	2,892.69	-0.31	-3.72
16-Jun	2,130	9,100	11,230	12,800	-1,570	2,892.66	-0.34	-4.08
17-Jun	2,010	8,640	10,650	12,700	-2,050	2,892.65	-0.35	-4.20
18-Jun	1,930	8,770	10,700	12,700	-2,000	2,892.61	-0.39	-4.68
19-Jun	1,930	8,590	10,520	12,700	-2,180	2,893.59	0.59	7.08
20-Jun	1,890	8,180	10,070	12,800	-2,730	2,892.56	-0.44	-5.28
21-Jun	1,790	7,750	9,540	12,700	-3,160	2,892.56	-0.44	-5.28
22-Jun	1,680	7,380	9,060	12,600	-3,540	2,892.52	-0.48	-5.76
23-Jun	1,580	7,020	8,600	12,600	-4,000	2,892.46	-0.54	-6.48
24-Jun	1,500	6,690	8,190	12,700	-4,510	2,892.40	-0.60	-7.20
25-Jun	1,410	6,510	7,920	12,800	-4,880	2,892.33	-0.67	-8.04
26-Jun	1,320	6,310	7,630	12,700	-5,070	2,892.25	-0.75	-9.00
27-Jun	1,270	6,130	7,400	12,700	-5,300	2,892.18	-0.82	-9.84
28-Jun	1,220	6,030	7,250	12,700	-5,450	2,892.11	-0.89	-10.68
29-Jun	1,180	5,980	7,160	12,700	-5,540	2,892.03	-0.97	-11.64
30-Jun	1,150	5,820	6,970	12,700	-5,730	2,891.94	-1.06	-12.72
1-Jul	1,110	5,660	6,770	12,300	-5,530	2,891.83	-1.17	-14.04

NOTES:

Kerr Dam controls the top 10 feet of Flathead Lake which is the dam reservoir. It equals 1.2 million acre feet of water

A one-foot reduction of elevation of the lake equals 120,000 acre feet of water

As of July 1, 2023 the elevation of the lake was 1.17 feet below full pool and is the equivalent of 140,400 acre feet of water

Flood control and recreation require the lake level to be at low-pool elevation (2883 feet) by April 15, refill to 2,890 feet by May 30th, and raised to full pool (2893 feet) by June 15, and maintained at full pool through Labor Day.