

Kate Taylor

From: Scott Hopkins
Sent: Friday, October 25, 2024 9:48 AM
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'Josh.Bell@PARKS.WA.GOV'; Bill Towey; Sara Peck; Kevin Wright; Gilbert, Joseph C
Cc: Kate Taylor; Meaghan Connell; Laura Clark
Subject: 2024 Chelan River Flow Monitoring - September Reports
Attachments: 2024 Daily Average Flow Data September Report.pdf; 2024 Hourly Flow Data September
Report.pdf

Categories: .Post Filing

To: Chelan River Fishery Forum
Washington Department of Ecology
Washington Department of Fish and Wildlife
United States Forest Service
National Park Service
United States Fish and Wildlife Service
National Marine Fisheries Service
CCT (Colville)
YN (Yakama)
CTUIR (Umatilla tribe)
United States Geological Survey
Washington State Parks and Recreation Commission
Washington State Recreation and Conservation Office
City of Chelan
Manson Parks and Recreation Department
Lake Chelan Recreation Association
American Whitewater

From: Scott Hopkins, Fisheries Biologist III
Public Utility District No. 1 of Chelan County (Chelan PUD)
scott.hopkins@chelanpud.org
(509)661-4763

Re: Lake Chelan Hydroelectric Project No. 637 (Project)
License Article 405a - Hourly and Daily Average Flow Data September Reports -
2024

Dear Chelan River Fishery Forum and Other Parties:

This email is to provide you, in the attached files, with the written flow information for
September 2024. These reports contain data for surface elevations at the Chelan Dam Forebay

and Powerhouse Tailrace, and flows from the Powerhouse, Low Level Outlet (LLO), Spillway, Pump Station, and Total Reach 4 flows.

This information will be posted to the Chelan County PUD external website under “River Flows, Water Temperatures and Total Dissolved Gas” (link below).

<https://www.chelanpud.org/parks-and-recreation/river-flows-and-water-temperatures>

Data during times of maintenance or calibration events have been denoted with “NA” to designate these periods when data was either unavailable or inaccurate. Noteworthy events are explained below.

- All data available and reported.
- Flows were increased to 375cfs on Saturday 21 September and 400cfs on Sunday 22 September to support the 2-day whitewater kayaking event. All ramping rates were adhered to when reducing flows following the event.

Please feel free to call or email any questions or concerns.



Scott Hopkins
Fisheries Biologist III
Chelan County P.U.D.
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Date	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/1/2024	1099.1	20	707.9	87	0	96	183
9/2/2024	1099.1	780	707.5	87	0	96	183
9/3/2024	1099.1	796	707.6	87	0	95	183
9/4/2024	1099.1	798	707.5	87	0	96	183
9/5/2024	1099.0	1583	708.3	105	0	53	157
9/6/2024	1099.0	1568	708.9	87	0	0	87
9/7/2024	1098.9	1563	708.8	87	0	0	87
9/8/2024	1098.9	20	707.7	87	0	0	87
9/9/2024	1098.9	1574	708.4	87	0	0	87
9/10/2024	1098.8	1572	708.0	87	0	0	87
9/11/2024	1098.8	783	707.3	87	0	0	87
9/12/2024	1098.7	786	707.0	87	0	0	87
9/13/2024	1098.7	1590	708.1	87	0	0	87
9/14/2024	1098.6	1563	708.0	87	0	0	87
9/15/2024	1098.5	20	706.8	87	0	0	87
9/16/2024	1098.5	1566	708.3	87	0	0	87
9/17/2024	1098.4	1573	708.0	87	0	0	87
9/18/2024	1098.3	1575	708.2	87	0	0	87
9/19/2024	1098.2	1592	707.9	87	0	0	87
9/20/2024	1098.1	1548	707.9	87	0	0	87
9/21/2024	1098.0	1573	708.2	237	0	0	237
9/22/2024	1098.0	11	707.3	332	0	0	332
9/23/2024	1097.9	1574	708.5	195	0	0	195
9/24/2024	1097.8	1527	708.4	86	0	0	86
9/25/2024	1097.8	1562	708.5	86	0	0	86
9/26/2024	1097.7	1550	708.0	86	0	0	86
9/27/2024	1097.6	1568	708.2	86	0	0	86
9/28/2024	1097.5	1564	708.3	86	0	0	86
9/29/2024	1097.5	14	707.5	86	0	0	86
9/30/2024	1097.4	1583	708.7	86	0	0	86

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/1/2024	1	1099.1	20	707.4	87	0	96	182
9/1/2024	2	1099.1	20	707.0	87	0	95	182
9/1/2024	3	1099.1	20	707.6	87	0	96	183
9/1/2024	4	1099.1	20	708.2	87	0	96	183
9/1/2024	5	1099.1	20	708.2	87	0	97	184
9/1/2024	6	1099.1	20	708.4	87	0	97	184
9/1/2024	7	1099.1	20	708.8	87	0	97	184
9/1/2024	8	1099.1	20	708.5	87	0	98	184
9/1/2024	9	1099.1	20	708.5	87	0	98	185
9/1/2024	10	1099.1	20	708.7	88	0	98	186
9/1/2024	11	1099.1	20	708.9	88	0	99	186
9/1/2024	12	1099.1	20	708.7	88	0	98	186
9/1/2024	13	1099.1	20	708.6	88	0	97	185
9/1/2024	14	1099.1	20	708.2	88	0	97	185
9/1/2024	15	1099.1	20	708.1	87	0	96	184
9/1/2024	16	1099.1	20	707.7	87	0	96	183
9/1/2024	17	1099.1	20	707.7	87	0	95	182
9/1/2024	18	1099.1	20	707.8	87	0	96	183
9/1/2024	19	1099.1	20	707.7	88	0	96	183
9/1/2024	20	1099.1	20	707.6	87	0	95	183
9/1/2024	21	1099.1	20	707.2	87	0	95	182
9/1/2024	22	1099.1	20	707.0	87	0	95	182
9/1/2024	23	1099.1	20	706.9	87	0	95	182
9/1/2024	24	1099.1	20	706.4	87	0	94	181
9/2/2024	1	1099.1	20	706.2	87	0	94	181
9/2/2024	2	1099.1	20	706.1	87	0	94	181
9/2/2024	3	1099.1	20	706.4	87	0	95	182
9/2/2024	4	1099.1	20	706.6	87	0	95	182
9/2/2024	5	1099.1	20	706.8	87	0	95	183
9/2/2024	6	1099.1	80	707.3	88	0	96	183
9/2/2024	7	1099.1	1150	708.1	87	0	96	183
9/2/2024	8	1099.1	1150	708.0	87	0	96	183
9/2/2024	9	1099.1	1160	708.2	87	0	97	184
9/2/2024	10	1099.1	1160	708.4	87	0	97	184
9/2/2024	11	1099.1	1160	708.3	87	0	97	184
9/2/2024	12	1099.1	1150	708.2	87	0	97	185
9/2/2024	13	1099.1	1150	708.2	87	0	97	185
9/2/2024	14	1099.1	1150	708.2	88	0	96	183
9/2/2024	15	1099.1	1160	707.9	87	0	96	183
9/2/2024	16	1099.1	1150	707.8	87	0	96	183
9/2/2024	17	1099.1	1160	707.9	87	0	98	185
9/2/2024	18	1099.1	1160	707.8	87	0	98	186
9/2/2024	19	1099.1	1160	708.0	87	0	98	185
9/2/2024	20	1099.1	1150	707.8	87	0	97	184
9/2/2024	21	1099.1	1150	707.5	88	0	96	183
9/2/2024	22	1099.1	1150	707.5	87	0	96	183

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/2/2024	23	1099.1	40	706.4	87	0	94	181
9/2/2024	24	1099.2	20	705.9	87	0	94	181
9/3/2024	1	1099.1	20	705.9	87	0	93	181
9/3/2024	2	1099.1	20	706.0	87	0	93	181
9/3/2024	3	1099.1	20	706.3	87	0	93	180
9/3/2024	4	1099.2	20	706.6	87	0	94	181
9/3/2024	5	1099.2	20	706.8	87	0	94	182
9/3/2024	6	1099.1	130	707.3	87	0	95	183
9/3/2024	7	1099.2	1160	707.8	87	0	96	183
9/3/2024	8	1099.2	1160	708.1	87	0	96	183
9/3/2024	9	1099.2	1170	708.1	87	0	95	182
9/3/2024	10	1099.1	1170	708.3	86	0	96	182
9/3/2024	11	1099.1	1170	708.2	87	0	96	182
9/3/2024	12	1099.1	1170	708.3	87	0	96	183
9/3/2024	13	1099.1	1170	708.1	87	0	97	184
9/3/2024	14	1099.1	1180	708.1	87	0	97	184
9/3/2024	15	1099.1	1170	708.1	87	0	96	184
9/3/2024	16	1099.1	1170	708.2	87	0	96	184
9/3/2024	17	1099.1	1170	708.2	87	0	96	184
9/3/2024	18	1099.1	1180	708.2	87	0	96	183
9/3/2024	19	1099.1	1170	708.5	87	0	97	184
9/3/2024	20	1099.1	1170	708.1	87	0	97	184
9/3/2024	21	1099.1	1160	707.8	87	0	96	183
9/3/2024	22	1099.1	1160	707.8	87	0	96	183
9/3/2024	23	1099.1	150	707.1	88	0	95	183
9/3/2024	24	1099.1	20	706.4	87	0	94	182
9/4/2024	1	1099.1	20	706.7	87	0	95	182
9/4/2024	2	1099.1	20	706.8	88	0	95	183
9/4/2024	3	1099.1	20	707.1	88	0	95	183
9/4/2024	4	1099.1	20	707.2	87	0	95	183
9/4/2024	5	1099.1	20	707.3	87	0	96	183
9/4/2024	6	1099.1	90	707.7	87	0	97	184
9/4/2024	7	1099.1	1160	708.0	87	0	96	183
9/4/2024	8	1099.1	1160	707.8	87	0	96	183
9/4/2024	9	1099.1	1160	707.7	87	0	96	183
9/4/2024	10	1099.1	1160	707.8	87	0	96	183
9/4/2024	11	1099.1	1170	707.9	87	0	96	183
9/4/2024	12	1099.1	1170	707.9	87	0	96	183
9/4/2024	13	1099.1	1170	707.8	87	0	97	184
9/4/2024	14	1099.1	1170	707.8	87	0	98	185
9/4/2024	15	1099.1	1170	707.7	87	0	97	184
9/4/2024	16	1099.1	1170	707.6	87	0	97	184
9/4/2024	17	1099.1	1180	707.7	87	0	97	184
9/4/2024	18	1099.1	1180	708.0	87	0	97	184
9/4/2024	19	1099.1	1170	707.7	87	0	96	184
9/4/2024	20	1099.1	1160	707.6	87	0	96	183

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/4/2024	21	1099.1	1160	707.3	87	0	96	184
9/4/2024	22	1099.1	1160	707.6	87	0	96	183
9/4/2024	23	1099.1	260	706.8	87	0	94	182
9/4/2024	24	1099.1	20	706.8	88	0	94	182
9/5/2024	1	1099.1	20	706.9	87	0	95	182
9/5/2024	2	1099.1	20	707.2	88	0	95	182
9/5/2024	3	1099.1	20	707.4	88	0	95	183
9/5/2024	4	1099.1	20	707.2	87	0	96	183
9/5/2024	5	1099.1	20	707.8	87	0	96	183
9/5/2024	6	1099.1	270	708.0	87	0	96	183
9/5/2024	7	1099.0	2330	708.6	87	0	97	183
9/5/2024	8	1099.0	2320	708.6	87	0	97	184
9/5/2024	9	1099.0	2340	708.6	87	0	97	184
9/5/2024	10	1099.0	2330	708.6	88	0	97	185
9/5/2024	11	1099.0	2330	708.6	87	0	98	184
9/5/2024	12	1099.0	2330	708.7	161	0	98	259
9/5/2024	13	1099.0	2360	708.7	184	0	98	282
9/5/2024	14	1099.0	2340	708.8	168	0	8	176
9/5/2024	15	1099.0	2360	708.9	152	0	0	152
9/5/2024	16	1099.0	2360	709.1	136	0	0	136
9/5/2024	17	1099.0	2350	709.2	121	0	0	121
9/5/2024	18	1099.0	2360	709.0	105	0	0	105
9/5/2024	19	1099.0	2340	708.8	92	0	0	92
9/5/2024	20	1099.0	2320	708.6	88	0	0	88
9/5/2024	21	1099.0	2320	708.6	87	0	0	87
9/5/2024	22	1099.0	2300	708.5	87	0	0	87
9/5/2024	23	1099.0	210	706.8	88	0	0	88
9/5/2024	24	1099.0	20	707.2	88	0	0	88
9/6/2024	1	1099.0	20	707.3	88	0	0	88
9/6/2024	2	1099.0	20	708.0	88	0	0	88
9/6/2024	3	1099.0	20	708.2	88	0	0	88
9/6/2024	4	1099.0	20	708.1	88	0	0	88
9/6/2024	5	1099.0	20	708.2	88	0	0	88
9/6/2024	6	1099.0	180	708.3	87	0	0	87
9/6/2024	7	1099.0	2330	708.9	87	0	0	87
9/6/2024	8	1099.0	2330	708.9	87	0	0	87
9/6/2024	9	1099.0	2350	708.8	87	0	0	87
9/6/2024	10	1099.0	2340	708.7	88	0	0	88
9/6/2024	11	1099.0	2330	708.7	87	0	0	87
9/6/2024	12	1099.0	2350	708.8	87	0	0	87
9/6/2024	13	1099.0	2340	708.8	88	0	0	88
9/6/2024	14	1099.0	2350	709.0	87	0	0	87
9/6/2024	15	1099.0	2360	709.5	87	0	0	87
9/6/2024	16	1099.0	2330	709.8	88	0	0	88
9/6/2024	17	1099.0	2360	709.7	87	0	0	87
9/6/2024	18	1099.0	2360	709.4	87	0	0	87

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/6/2024	19	1099.0	2320	709.6	87	0	0	87
9/6/2024	20	1099.0	2310	709.6	87	0	0	87
9/6/2024	21	1099.0	2330	709.3	87	0	0	87
9/6/2024	22	1099.0	2170	709.2	88	0	0	88
9/6/2024	23	1099.0	60	709.1	88	0	0	88
9/6/2024	24	1099.0	20	708.9	87	0	0	87
9/7/2024	1	1099.0	20	709.2	87	0	0	87
9/7/2024	2	1099.0	20	709.1	87	0	0	87
9/7/2024	3	1099.0	20	708.7	87	0	0	87
9/7/2024	4	1098.9	20	708.0	87	0	0	87
9/7/2024	5	1098.9	20	707.8	87	0	0	87
9/7/2024	6	1098.9	40	707.9	87	0	0	87
9/7/2024	7	1098.9	2150	708.5	87	0	0	87
9/7/2024	8	1098.9	2310	708.5	87	0	0	87
9/7/2024	9	1098.9	2340	708.6	87	0	0	87
9/7/2024	10	1098.9	2340	708.6	87	0	0	87
9/7/2024	11	1098.9	2350	708.5	87	0	0	87
9/7/2024	12	1098.9	2340	708.5	87	0	0	87
9/7/2024	13	1098.9	2340	708.6	87	0	0	87
9/7/2024	14	1098.9	2330	708.6	87	0	0	87
9/7/2024	15	1098.9	2330	708.6	88	0	0	88
9/7/2024	16	1098.9	2340	709.0	88	0	0	88
9/7/2024	17	1098.9	2350	709.3	87	0	0	87
9/7/2024	18	1098.9	2350	709.8	87	0	0	87
9/7/2024	19	1098.9	2330	709.7	88	0	0	88
9/7/2024	20	1098.9	2320	709.4	87	0	0	87
9/7/2024	21	1098.9	2330	709.3	88	0	0	88
9/7/2024	22	1098.9	2340	709.4	87	0	0	87
9/7/2024	23	1098.9	170	708.5	88	0	0	88
9/7/2024	24	1098.9	20	708.2	87	0	0	87
9/8/2024	1	1098.9	20	707.8	87	0	0	87
9/8/2024	2	1098.9	20	707.4	87	0	0	87
9/8/2024	3	1098.9	20	707.2	87	0	0	87
9/8/2024	4	1098.9	20	707.1	87	0	0	87
9/8/2024	5	1098.9	20	707.3	87	0	0	87
9/8/2024	6	1098.9	20	707.5	88	0	0	88
9/8/2024	7	1098.9	20	707.6	87	0	0	87
9/8/2024	8	1098.9	20	707.7	87	0	0	87
9/8/2024	9	1098.9	20	708.0	87	0	0	87
9/8/2024	10	1098.9	20	708.3	87	0	0	87
9/8/2024	11	1098.9	20	708.3	87	0	0	87
9/8/2024	12	1098.9	20	708.5	87	0	0	87
9/8/2024	13	1098.9	20	708.6	87	0	0	87
9/8/2024	14	1098.9	20	708.7	87	0	0	87
9/8/2024	15	1098.9	20	708.4	87	0	0	87
9/8/2024	16	1098.9	20	708.5	87	0	0	87

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/8/2024	17	1098.9	20	708.0	87	0	0	87
9/8/2024	18	1098.9	20	707.9	87	0	0	87
9/8/2024	19	1098.9	20	707.6	87	0	0	87
9/8/2024	20	1098.9	20	707.2	87	0	0	87
9/8/2024	21	1098.9	20	706.6	87	0	0	87
9/8/2024	22	1098.9	20	706.6	87	0	0	87
9/8/2024	23	1098.9	20	706.6	87	0	0	87
9/8/2024	24	1098.9	20	706.9	88	0	0	88
9/9/2024	1	1098.9	20	706.9	88	0	0	88
9/9/2024	2	1098.9	20	707.2	88	0	0	88
9/9/2024	3	1098.9	20	707.3	88	0	0	88
9/9/2024	4	1098.9	20	707.3	88	0	0	88
9/9/2024	5	1098.9	20	707.3	88	0	0	88
9/9/2024	6	1098.9	100	707.3	88	0	0	88
9/9/2024	7	1098.9	2290	708.6	87	0	0	87
9/9/2024	8	1098.9	2300	708.8	87	0	0	87
9/9/2024	9	1098.9	2340	708.8	87	0	0	87
9/9/2024	10	1098.9	2330	708.9	88	0	0	88
9/9/2024	11	1098.9	2330	709.0	87	0	0	87
9/9/2024	12	1098.9	2330	709.2	88	0	0	88
9/9/2024	13	1098.9	2330	709.1	87	0	0	87
9/9/2024	14	1098.9	2340	709.0	87	0	0	87
9/9/2024	15	1098.9	2340	709.1	88	0	0	88
9/9/2024	16	1098.9	2350	708.9	87	0	0	87
9/9/2024	17	1098.9	2370	709.0	88	0	0	88
9/9/2024	18	1098.9	2360	709.1	87	0	0	87
9/9/2024	19	1098.9	2350	709.1	87	0	0	87
9/9/2024	20	1098.9	2330	709.1	87	0	0	87
9/9/2024	21	1098.9	2320	709.0	87	0	0	87
9/9/2024	22	1098.9	2320	708.9	88	0	0	88
9/9/2024	23	1098.9	220	707.6	88	0	0	88
9/9/2024	24	1098.9	20	706.9	87	0	0	87
9/10/2024	1	1098.9	20	706.3	87	0	0	87
9/10/2024	2	1098.9	20	706.6	87	0	0	87
9/10/2024	3	1098.9	20	706.7	87	0	0	87
9/10/2024	4	1098.9	20	706.8	87	0	0	87
9/10/2024	5	1098.9	20	706.7	87	0	0	87
9/10/2024	6	1098.9	210	706.9	87	0	0	87
9/10/2024	7	1098.9	2320	708.5	87	0	0	87
9/10/2024	8	1098.9	2330	708.5	87	0	0	87
9/10/2024	9	1098.8	2320	708.5	87	0	0	87
9/10/2024	10	1098.8	2350	708.5	87	0	0	87
9/10/2024	11	1098.8	2340	708.5	87	0	0	87
9/10/2024	12	1098.8	2340	708.5	88	0	0	88
9/10/2024	13	1098.8	2320	708.5	87	0	0	87
9/10/2024	14	1098.8	2330	708.5	88	0	0	88

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/10/2024	15	1098.8	2350	708.6	88	0	0	88
9/10/2024	16	1098.8	2340	708.8	87	0	0	87
9/10/2024	17	1098.8	2350	708.9	87	0	0	87
9/10/2024	18	1098.8	2360	709.3	87	0	0	87
9/10/2024	19	1098.8	2320	709.2	87	0	0	87
9/10/2024	20	1098.8	2340	709.1	88	0	0	88
9/10/2024	21	1098.8	2320	708.8	87	0	0	87
9/10/2024	22	1098.8	2260	708.6	88	0	0	88
9/10/2024	23	1098.8	100	706.7	88	0	0	88
9/10/2024	24	1098.8	20	705.7	87	0	0	87
9/11/2024	1	1098.8	20	705.8	87	0	0	87
9/11/2024	2	1098.8	20	706.1	87	0	0	87
9/11/2024	3	1098.8	20	706.1	87	0	0	87
9/11/2024	4	1098.8	20	706.1	87	0	0	87
9/11/2024	5	1098.8	20	706.5	87	0	0	87
9/11/2024	6	1098.8	140	706.7	87	0	0	87
9/11/2024	7	1098.8	1160	707.6	87	0	0	87
9/11/2024	8	1098.8	1150	707.7	87	0	0	87
9/11/2024	9	1098.8	1150	707.7	87	0	0	87
9/11/2024	10	1098.8	1150	707.9	88	0	0	88
9/11/2024	11	1098.8	1160	707.9	88	0	0	88
9/11/2024	12	1098.7	1150	707.8	88	0	0	88
9/11/2024	13	1098.7	1150	707.8	88	0	0	88
9/11/2024	14	1098.7	1160	707.8	88	0	0	88
9/11/2024	15	1098.8	1160	707.9	88	0	0	88
9/11/2024	16	1098.8	1150	708.0	88	0	0	88
9/11/2024	17	1098.8	1160	708.1	88	0	0	88
9/11/2024	18	1098.8	1160	708.2	87	0	0	87
9/11/2024	19	1098.7	1160	708.0	87	0	0	87
9/11/2024	20	1098.7	1160	707.9	87	0	0	87
9/11/2024	21	1098.7	1160	707.7	87	0	0	87
9/11/2024	22	1098.7	1150	707.5	87	0	0	87
9/11/2024	23	1098.7	40	706.1	87	0	0	87
9/11/2024	24	1098.8	20	706.2	87	0	0	87
9/12/2024	1	1098.8	20	706.2	87	0	0	87
9/12/2024	2	1098.7	20	705.8	87	0	0	87
9/12/2024	3	1098.8	20	705.8	87	0	0	87
9/12/2024	4	1098.8	20	706.1	87	0	0	87
9/12/2024	5	1098.7	20	706.2	87	0	0	87
9/12/2024	6	1098.7	70	706.1	87	0	0	87
9/12/2024	7	1098.7	1170	707.3	87	0	0	87
9/12/2024	8	1098.7	1160	707.5	87	0	0	87
9/12/2024	9	1098.7	1160	707.4	87	0	0	87
9/12/2024	10	1098.7	1170	707.4	88	0	0	88
9/12/2024	11	1098.7	1160	707.6	87	0	0	87
9/12/2024	12	1098.8	1170	707.5	87	0	0	87

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/12/2024	13	1098.8	1170	707.5	88	0	0	88
9/12/2024	14	1098.8	1170	707.6	88	0	0	88
9/12/2024	15	1098.8	1170	707.8	88	0	0	88
9/12/2024	16	1098.8	1160	707.7	87	0	0	87
9/12/2024	17	1098.8	1170	707.7	87	0	0	87
9/12/2024	18	1098.8	1180	707.8	87	0	0	87
9/12/2024	19	1098.8	1160	707.7	87	0	0	87
9/12/2024	20	1098.7	1160	707.6	87	0	0	87
9/12/2024	21	1098.8	1160	707.6	87	0	0	87
9/12/2024	22	1098.8	1160	707.4	88	0	0	88
9/12/2024	23	1098.8	20	706.0	88	0	0	88
9/12/2024	24	1098.7	20	706.0	88	0	0	88
9/13/2024	1	1098.7	20	706.4	88	0	0	88
9/13/2024	2	1098.8	20	706.1	87	0	0	87
9/13/2024	3	1098.7	20	705.9	87	0	0	87
9/13/2024	4	1098.7	20	706.3	87	0	0	87
9/13/2024	5	1098.7	20	706.5	88	0	0	88
9/13/2024	6	1098.7	150	706.3	87	0	0	87
9/13/2024	7	1098.7	2300	708.3	87	0	0	87
9/13/2024	8	1098.7	2330	708.5	88	0	0	88
9/13/2024	9	1098.7	2330	708.5	87	0	0	87
9/13/2024	10	1098.7	2330	708.5	87	0	0	87
9/13/2024	11	1098.7	2330	708.6	87	0	0	87
9/13/2024	12	1098.6	2330	708.6	87	0	0	87
9/13/2024	13	1098.6	2340	708.7	87	0	0	87
9/13/2024	14	1098.6	2340	708.8	87	0	0	87
9/13/2024	15	1098.6	2340	709.0	87	0	0	87
9/13/2024	16	1098.6	2330	709.1	87	0	0	87
9/13/2024	17	1098.6	2340	709.1	87	0	0	87
9/13/2024	18	1098.6	2370	709.1	87	0	0	87
9/13/2024	19	1098.6	2310	709.3	87	0	0	87
9/13/2024	20	1098.6	2320	709.2	88	0	0	88
9/13/2024	21	1098.6	2320	709.0	87	0	0	87
9/13/2024	22	1098.6	2310	708.9	87	0	0	87
9/13/2024	23	1098.6	620	708.1	88	0	0	88
9/13/2024	24	1098.6	20	707.7	87	0	0	87
9/14/2024	1	1098.6	20	707.4	87	0	0	87
9/14/2024	2	1098.6	20	707.0	87	0	0	87
9/14/2024	3	1098.6	20	707.0	87	0	0	87
9/14/2024	4	1098.6	20	706.8	87	0	0	87
9/14/2024	5	1098.6	20	707.0	87	0	0	87
9/14/2024	6	1098.6	90	707.1	87	0	0	87
9/14/2024	7	1098.6	2230	708.4	86	0	0	86
9/14/2024	8	1098.6	2290	708.5	88	0	0	88
9/14/2024	9	1098.6	2320	708.5	88	0	0	88
9/14/2024	10	1098.6	2320	708.5	87	0	0	87

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/14/2024	11	1098.6	2310	708.6	87	0	0	87
9/14/2024	12	1098.5	2330	708.5	87	0	0	87
9/14/2024	13	1098.6	2350	708.5	88	0	0	88
9/14/2024	14	1098.6	2340	708.5	87	0	0	87
9/14/2024	15	1098.5	2330	708.5	87	0	0	87
9/14/2024	16	1098.5	2350	708.5	87	0	0	87
9/14/2024	17	1098.5	2350	708.5	88	0	0	88
9/14/2024	18	1098.5	2370	708.5	87	0	0	87
9/14/2024	19	1098.5	2330	708.5	88	0	0	88
9/14/2024	20	1098.5	2300	708.5	87	0	0	87
9/14/2024	21	1098.5	2330	708.5	87	0	0	87
9/14/2024	22	1098.5	2330	708.5	87	0	0	87
9/14/2024	23	1098.5	130	707.0	88	0	0	88
9/14/2024	24	1098.5	20	706.8	87	0	0	87
9/15/2024	1	1098.5	20	707.0	87	0	0	87
9/15/2024	2	1098.5	20	706.6	87	0	0	87
9/15/2024	3	1098.5	20	706.6	87	0	0	87
9/15/2024	4	1098.5	20	706.5	87	0	0	87
9/15/2024	5	1098.5	20	706.4	87	0	0	87
9/15/2024	6	1098.5	20	706.2	87	0	0	87
9/15/2024	7	1098.5	20	706.5	87	0	0	87
9/15/2024	8	1098.5	20	706.5	87	0	0	87
9/15/2024	9	1098.5	20	706.6	87	0	0	87
9/15/2024	10	1098.5	20	706.6	87	0	0	87
9/15/2024	11	1098.5	20	706.8	87	0	0	87
9/15/2024	12	1098.5	20	706.6	87	0	0	87
9/15/2024	13	1098.5	20	706.7	87	0	0	87
9/15/2024	14	1098.5	20	706.7	87	0	0	87
9/15/2024	15	1098.5	20	706.6	87	0	0	87
9/15/2024	16	1098.5	20	706.5	87	0	0	87
9/15/2024	17	1098.5	20	706.4	87	0	0	87
9/15/2024	18	1098.5	20	706.6	87	0	0	87
9/15/2024	19	1098.5	20	707.1	87	0	0	87
9/15/2024	20	1098.5	20	707.0	87	0	0	87
9/15/2024	21	1098.5	20	707.3	87	0	0	87
9/15/2024	22	1098.5	20	707.7	87	0	0	87
9/15/2024	23	1098.5	20	707.7	87	0	0	87
9/15/2024	24	1098.5	20	707.3	87	0	0	87
9/16/2024	1	1098.5	20	707.2	87	0	0	87
9/16/2024	2	1098.5	20	707.9	87	0	0	87
9/16/2024	3	1098.5	20	708.0	87	0	0	87
9/16/2024	4	1098.5	20	708.3	87	0	0	87
9/16/2024	5	1098.5	20	708.2	87	0	0	87
9/16/2024	6	1098.5	300	708.3	87	0	0	87
9/16/2024	7	1098.5	2340	708.9	87	0	0	87
9/16/2024	8	1098.5	2340	708.9	87	0	0	87

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/16/2024	9	1098.5	2340	708.7	87	0	0	87
9/16/2024	10	1098.5	2340	708.9	87	0	0	87
9/16/2024	11	1098.5	2360	708.8	87	0	0	87
9/16/2024	12	1098.5	2310	708.7	87	0	0	87
9/16/2024	13	1098.5	2330	708.6	87	0	0	87
9/16/2024	14	1098.5	2330	708.6	88	0	0	88
9/16/2024	15	1098.5	2320	708.5	87	0	0	87
9/16/2024	16	1098.4	2330	708.5	87	0	0	87
9/16/2024	17	1098.4	2340	708.5	88	0	0	88
9/16/2024	18	1098.4	2350	708.5	87	0	0	87
9/16/2024	19	1098.5	2330	708.5	87	0	0	87
9/16/2024	20	1098.4	2320	708.5	87	0	0	87
9/16/2024	21	1098.4	2320	708.5	88	0	0	88
9/16/2024	22	1098.4	2140	708.4	87	0	0	87
9/16/2024	23	1098.4	20	706.8	88	0	0	88
9/16/2024	24	1098.4	20	706.6	87	0	0	87
9/17/2024	1	1098.4	20	706.6	87	0	0	87
9/17/2024	2	1098.4	10	706.8	87	0	0	87
9/17/2024	3	1098.4	10	706.4	87	0	0	87
9/17/2024	4	1098.4	10	706.5	87	0	0	87
9/17/2024	5	1098.4	20	706.7	87	0	0	87
9/17/2024	6	1098.4	220	706.8	87	0	0	87
9/17/2024	7	1098.4	2340	708.5	87	0	0	87
9/17/2024	8	1098.4	2320	708.5	88	0	0	88
9/17/2024	9	1098.4	2320	708.5	87	0	0	87
9/17/2024	10	1098.4	2330	708.6	87	0	0	87
9/17/2024	11	1098.4	2320	708.6	87	0	0	87
9/17/2024	12	1098.4	2310	708.5	87	0	0	87
9/17/2024	13	1098.4	2320	708.5	87	0	0	87
9/17/2024	14	1098.4	2330	708.6	88	0	0	88
9/17/2024	15	1098.4	2320	708.5	87	0	0	87
9/17/2024	16	1098.4	2330	708.5	87	0	0	87
9/17/2024	17	1098.4	2340	708.5	87	0	0	87
9/17/2024	18	1098.4	2370	708.5	87	0	0	87
9/17/2024	19	1098.4	2320	708.6	88	0	0	88
9/17/2024	20	1098.4	2320	708.6	87	0	0	87
9/17/2024	21	1098.4	2340	708.7	87	0	0	87
9/17/2024	22	1098.4	2320	708.7	87	0	0	87
9/17/2024	23	1098.4	190	707.5	88	0	0	88
9/17/2024	24	1098.4	20	707.0	87	0	0	87
9/18/2024	1	1098.4	20	707.1	87	0	0	87
9/18/2024	2	1098.4	20	707.0	87	0	0	87
9/18/2024	3	1098.4	20	706.8	88	0	0	88
9/18/2024	4	1098.4	20	706.9	88	0	0	88
9/18/2024	5	1098.4	20	707.0	88	0	0	88
9/18/2024	6	1098.4	160	707.1	88	0	0	88

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/18/2024	7	1098.4	2330	708.6	87	0	0	87
9/18/2024	8	1098.4	2320	708.6	87	0	0	87
9/18/2024	9	1098.4	2310	708.8	87	0	0	87
9/18/2024	10	1098.4	2330	708.9	87	0	0	87
9/18/2024	11	1098.4	2370	708.8	86	0	0	86
9/18/2024	12	1098.4	2320	709.0	86	0	0	86
9/18/2024	13	1098.3	2340	709.0	87	0	0	87
9/18/2024	14	1098.3	2350	709.2	87	0	0	87
9/18/2024	15	1098.3	2340	709.4	87	0	0	87
9/18/2024	16	1098.3	2340	709.5	87	0	0	87
9/18/2024	17	1098.3	2350	709.1	87	0	0	87
9/18/2024	18	1098.3	2360	708.8	88	0	0	88
9/18/2024	19	1098.3	2330	708.8	87	0	0	87
9/18/2024	20	1098.3	2330	708.6	87	0	0	87
9/18/2024	21	1098.3	2330	708.5	87	0	0	87
9/18/2024	22	1098.3	2320	708.5	87	0	0	87
9/18/2024	23	1098.3	160	706.5	88	0	0	88
9/18/2024	24	1098.3	20	706.0	87	0	0	87
9/19/2024	1	1098.3	20	706.4	87	0	0	87
9/19/2024	2	1098.3	20	706.7	87	0	0	87
9/19/2024	3	1098.3	20	706.3	87	0	0	87
9/19/2024	4	1098.3	20	706.8	87	0	0	87
9/19/2024	5	1098.3	20	706.8	87	0	0	87
9/19/2024	6	1098.3	250	706.6	87	0	0	87
9/19/2024	7	1098.3	2320	708.4	87	0	0	87
9/19/2024	8	1098.3	2330	708.6	87	0	0	87
9/19/2024	9	1098.3	2330	708.5	87	0	0	87
9/19/2024	10	1098.3	2330	708.6	88	0	0	88
9/19/2024	11	1098.3	2330	708.6	87	0	0	87
9/19/2024	12	1098.2	2330	708.6	87	0	0	87
9/19/2024	13	1098.2	2320	708.6	87	0	0	87
9/19/2024	14	1098.2	2330	708.6	87	0	0	87
9/19/2024	15	1098.2	2340	708.6	87	0	0	87
9/19/2024	16	1098.2	2340	708.6	87	0	0	87
9/19/2024	17	1098.2	2340	708.6	87	0	0	87
9/19/2024	18	1098.2	2360	708.6	88	0	0	88
9/19/2024	19	1098.2	2330	708.7	87	0	0	87
9/19/2024	20	1098.2	2330	708.6	87	0	0	87
9/19/2024	21	1098.2	2310	708.5	88	0	0	88
9/19/2024	22	1098.2	2310	708.5	87	0	0	87
9/19/2024	23	1098.2	560	707.1	88	0	0	88
9/19/2024	24	1098.2	20	705.9	88	0	0	88
9/20/2024	1	1098.2	20	706.5	88	0	0	88
9/20/2024	2	1098.2	20	706.6	87	0	0	87
9/20/2024	3	1098.2	20	706.4	87	0	0	87
9/20/2024	4	1098.2	20	706.5	87	0	0	87

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/20/2024	5	1098.2	20	706.8	88	0	0	88
9/20/2024	6	1098.2	20	706.9	87	0	0	87
9/20/2024	7	1098.1	2070	708.3	87	0	0	87
9/20/2024	8	1098.2	2320	708.5	88	0	0	88
9/20/2024	9	1098.2	2330	708.6	87	0	0	87
9/20/2024	10	1098.1	2350	708.6	88	0	0	88
9/20/2024	11	1098.1	2330	708.6	87	0	0	87
9/20/2024	12	1098.1	2330	708.6	87	0	0	87
9/20/2024	13	1098.1	2330	708.6	87	0	0	87
9/20/2024	14	1098.1	2340	708.6	87	0	0	87
9/20/2024	15	1098.1	2350	708.6	87	0	0	87
9/20/2024	16	1098.1	2340	708.5	87	0	0	87
9/20/2024	17	1098.1	2350	708.6	87	0	0	87
9/20/2024	18	1098.1	2370	708.6	88	0	0	88
9/20/2024	19	1098.1	2320	708.5	87	0	0	87
9/20/2024	20	1098.1	2310	708.5	87	0	0	87
9/20/2024	21	1098.1	2330	708.5	87	0	0	87
9/20/2024	22	1098.1	2240	708.5	88	0	0	88
9/20/2024	23	1098.1	20	706.7	88	0	0	88
9/20/2024	24	1098.1	10	706.9	87	0	0	87
9/21/2024	1	1098.1	10	706.9	87	0	0	87
9/21/2024	2	1098.1	10	707.2	87	0	0	87
9/21/2024	3	1098.1	10	707.2	87	0	0	87
9/21/2024	4	1098.1	10	707.4	87	0	0	87
9/21/2024	5	1098.1	10	707.5	87	0	0	87
9/21/2024	6	1098.0	320	707.9	87	0	0	87
9/21/2024	7	1098.0	2330	708.8	87	0	0	87
9/21/2024	8	1098.0	2310	708.6	87	0	0	87
9/21/2024	9	1098.0	2320	708.6	87	0	0	87
9/21/2024	10	1098.0	2350	708.6	87	0	0	87
9/21/2024	11	1098.0	2340	708.6	343	0	0	343
9/21/2024	12	1098.0	2330	708.6	375	0	0	375
9/21/2024	13	1098.0	2340	708.6	375	0	0	375
9/21/2024	14	1098.0	2350	708.7	375	0	0	375
9/21/2024	15	1098.0	2330	708.7	375	0	0	375
9/21/2024	16	1098.0	2340	708.6	375	0	0	375
9/21/2024	17	1098.0	2360	708.7	362	0	0	362
9/21/2024	18	1098.0	2360	708.7	341	0	0	341
9/21/2024	19	1098.0	2350	708.7	323	0	0	323
9/21/2024	20	1098.0	2340	708.7	315	0	0	315
9/21/2024	21	1098.0	2340	708.6	315	0	0	315
9/21/2024	22	1098.0	2260	708.6	315	0	0	315
9/21/2024	23	1098.0	30	706.7	315	0	0	315
9/21/2024	24	1098.0	10	706.8	315	0	0	315
9/22/2024	1	1098.0	10	707.2	315	0	0	315
9/22/2024	2	1098.0	10	706.9	315	0	0	315

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/22/2024	3	1098.0	10	706.8	315	0	0	315
9/22/2024	4	1098.0	10	707.1	315	0	0	315
9/22/2024	5	1098.0	10	706.9	315	0	0	315
9/22/2024	6	1097.9	10	706.7	315	0	0	315
9/22/2024	7	1097.9	10	706.8	315	0	0	315
9/22/2024	8	1097.9	10	706.7	310	0	0	310
9/22/2024	9	1097.9	10	706.8	290	0	0	290
9/22/2024	10	1097.9	10	707.0	270	0	0	270
9/22/2024	11	1097.9	10	707.0	390	0	0	390
9/22/2024	12	1097.9	10	707.0	401	0	0	401
9/22/2024	13	1097.9	10	707.1	400	0	0	400
9/22/2024	14	1097.9	10	707.1	400	0	0	400
9/22/2024	15	1097.9	10	707.1	398	0	0	398
9/22/2024	16	1098.0	10	707.1	378	0	0	378
9/22/2024	17	1098.0	10	707.3	358	0	0	358
9/22/2024	18	1098.0	10	707.6	337	0	0	337
9/22/2024	19	1098.0	10	708.0	318	0	0	318
9/22/2024	20	1098.0	10	707.8	301	0	0	301
9/22/2024	21	1098.0	10	708.2	300	0	0	300
9/22/2024	22	1098.0	20	708.4	300	0	0	300
9/22/2024	23	1098.0	20	708.1	301	0	0	301
9/22/2024	24	1098.0	20	707.8	300	0	0	300
9/23/2024	1	1098.0	20	707.4	301	0	0	301
9/23/2024	2	1098.0	20	707.0	300	0	0	300
9/23/2024	3	1098.0	10	707.2	300	0	0	300
9/23/2024	4	1098.0	10	707.6	301	0	0	301
9/23/2024	5	1098.0	20	707.5	300	0	0	300
9/23/2024	6	1098.0	150	707.7	300	0	0	300
9/23/2024	7	1098.0	2350	708.9	298	0	0	298
9/23/2024	8	1098.0	2310	708.9	277	0	0	277
9/23/2024	9	1097.9	2330	708.7	256	0	0	256
9/23/2024	10	1098.0	2340	708.8	236	0	0	236
9/23/2024	11	1097.9	2340	709.0	218	0	0	218
9/23/2024	12	1097.9	2330	708.9	202	0	0	202
9/23/2024	13	1097.9	2340	708.9	186	0	0	186
9/23/2024	14	1097.9	2350	708.8	170	0	0	170
9/23/2024	15	1097.9	2360	708.7	153	0	0	153
9/23/2024	16	1097.9	2350	708.7	136	0	0	136
9/23/2024	17	1097.9	2360	708.7	122	0	0	122
9/23/2024	18	1097.9	2370	708.9	105	0	0	105
9/23/2024	19	1097.9	2340	709.1	91	0	0	91
9/23/2024	20	1097.9	2330	709.0	86	0	0	86
9/23/2024	21	1097.9	2360	709.0	87	0	0	87
9/23/2024	22	1097.9	2250	709.1	86	0	0	86
9/23/2024	23	1097.9	120	708.6	87	0	0	87
9/23/2024	24	1097.9	10	709.0	86	0	0	86

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/24/2024	1	1097.9	10	708.9	86	0	0	86
9/24/2024	2	1097.9	10	708.5	86	0	0	86
9/24/2024	3	1097.9	10	708.2	86	0	0	86
9/24/2024	4	1097.9	10	707.8	86	0	0	86
9/24/2024	5	1097.9	10	707.6	86	0	0	86
9/24/2024	6	1097.9	120	707.7	86	0	0	86
9/24/2024	7	1097.9	2280	708.7	86	0	0	86
9/24/2024	8	1097.9	2260	709.0	87	0	0	87
9/24/2024	9	1097.9	2280	708.7	86	0	0	86
9/24/2024	10	1097.9	2280	708.8	86	0	0	86
9/24/2024	11	1097.9	2280	708.8	87	0	0	87
9/24/2024	12	1097.8	2290	708.7	86	0	0	86
9/24/2024	13	1097.8	2280	708.6	86	0	0	86
9/24/2024	14	1097.8	2290	708.6	87	0	0	87
9/24/2024	15	1097.8	2280	708.6	86	0	0	86
9/24/2024	16	1097.8	2280	708.6	87	0	0	87
9/24/2024	17	1097.8	2300	708.6	87	0	0	87
9/24/2024	18	1097.8	2300	708.7	86	0	0	86
9/24/2024	19	1097.8	2260	708.8	86	0	0	86
9/24/2024	20	1097.8	2260	708.7	86	0	0	86
9/24/2024	21	1097.8	2270	708.6	86	0	0	86
9/24/2024	22	1097.8	2090	708.5	86	0	0	86
9/24/2024	23	1097.8	180	707.3	87	0	0	87
9/24/2024	24	1097.8	10	707.0	86	0	0	86
9/25/2024	1	1097.8	10	707.3	86	0	0	86
9/25/2024	2	1097.8	10	707.9	86	0	0	86
9/25/2024	3	1097.8	10	707.7	86	0	0	86
9/25/2024	4	1097.8	10	707.8	86	0	0	86
9/25/2024	5	1097.8	10	708.0	86	0	0	86
9/25/2024	6	1097.8	250	708.2	86	0	0	86
9/25/2024	7	1097.8	2330	709.1	86	0	0	86
9/25/2024	8	1097.8	2310	709.1	86	0	0	86
9/25/2024	9	1097.8	2340	708.9	86	0	0	86
9/25/2024	10	1097.8	2360	709.2	87	0	0	87
9/25/2024	11	1097.7	2260	709.6	86	0	0	86
9/25/2024	12	1097.8	2340	709.9	87	0	0	87
9/25/2024	13	1097.8	2340	710.0	86	0	0	86
9/25/2024	14	1097.8	2340	709.4	87	0	0	87
9/25/2024	15	1097.8	2320	709.0	86	0	0	86
9/25/2024	16	1097.8	2340	708.8	86	0	0	86
9/25/2024	17	1097.8	2340	708.7	86	0	0	86
9/25/2024	18	1097.8	2360	708.6	86	0	0	86
9/25/2024	19	1097.7	2310	708.6	87	0	0	87
9/25/2024	20	1097.7	2340	708.6	86	0	0	86
9/25/2024	21	1097.7	2340	708.6	86	0	0	86
9/25/2024	22	1097.8	2160	708.4	87	0	0	87

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/25/2024	23	1097.8	30	706.8	87	0	0	87
9/25/2024	24	1097.7	20	706.5	87	0	0	87
9/26/2024	1	1097.8	10	706.7	87	0	0	87
9/26/2024	2	1097.8	10	706.6	87	0	0	87
9/26/2024	3	1097.8	10	706.7	87	0	0	87
9/26/2024	4	1097.7	10	706.8	86	0	0	86
9/26/2024	5	1097.8	10	706.9	86	0	0	86
9/26/2024	6	1097.8	50	707.0	86	0	0	86
9/26/2024	7	1097.8	2050	708.3	86	0	0	86
9/26/2024	8	1097.7	2310	708.5	86	0	0	86
9/26/2024	9	1097.7	2340	708.5	87	0	0	87
9/26/2024	10	1097.8	2350	708.6	86	0	0	86
9/26/2024	11	1097.7	2340	708.6	86	0	0	86
9/26/2024	12	1097.7	2340	708.6	87	0	0	87
9/26/2024	13	1097.7	2360	708.6	86	0	0	86
9/26/2024	14	1097.7	2360	708.6	86	0	0	86
9/26/2024	15	1097.7	2350	708.6	86	0	0	86
9/26/2024	16	1097.7	2350	708.6	86	0	0	86
9/26/2024	17	1097.7	2360	708.6	86	0	0	86
9/26/2024	18	1097.7	2350	708.6	86	0	0	86
9/26/2024	19	1097.7	2330	708.7	86	0	0	86
9/26/2024	20	1097.7	2330	708.6	86	0	0	86
9/26/2024	21	1097.7	2340	708.7	87	0	0	87
9/26/2024	22	1097.7	2190	708.5	86	0	0	86
9/26/2024	23	1097.7	50	707.4	87	0	0	87
9/26/2024	24	1097.7	10	707.3	86	0	0	86
9/27/2024	1	1097.6	10	707.1	86	0	0	86
9/27/2024	2	1097.7	10	707.6	86	0	0	86
9/27/2024	3	1097.7	10	706.9	86	0	0	86
9/27/2024	4	1097.6	10	707.2	86	0	0	86
9/27/2024	5	1097.7	10	707.4	86	0	0	86
9/27/2024	6	1097.7	30	707.2	86	0	0	86
9/27/2024	7	1097.6	2270	708.5	86	0	0	86
9/27/2024	8	1097.6	2330	708.6	86	0	0	86
9/27/2024	9	1097.6	2340	708.5	86	0	0	86
9/27/2024	10	1097.6	2360	708.6	87	0	0	87
9/27/2024	11	1097.6	2350	708.6	86	0	0	86
9/27/2024	12	1097.6	2340	708.5	86	0	0	86
9/27/2024	13	1097.6	2340	708.5	86	0	0	86
9/27/2024	14	1097.6	2360	708.5	86	0	0	86
9/27/2024	15	1097.6	2340	708.5	87	0	0	87
9/27/2024	16	1097.6	2330	708.5	86	0	0	86
9/27/2024	17	1097.6	2340	708.5	86	0	0	86
9/27/2024	18	1097.6	2330	708.6	86	0	0	86
9/27/2024	19	1097.6	2280	708.6	86	0	0	86
9/27/2024	20	1097.6	2310	708.5	86	0	0	86

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/27/2024	21	1097.6	2320	708.6	86	0	0	86
9/27/2024	22	1097.6	2320	708.7	86	0	0	86
9/27/2024	23	1097.6	280	708.0	86	0	0	86
9/27/2024	24	1097.6	20	708.5	86	0	0	86
9/28/2024	1	1097.6	20	708.6	86	0	0	86
9/28/2024	2	1097.6	20	708.1	86	0	0	86
9/28/2024	3	1097.6	20	707.6	86	0	0	86
9/28/2024	4	1097.6	20	707.3	87	0	0	87
9/28/2024	5	1097.6	20	707.5	87	0	0	87
9/28/2024	6	1097.6	50	707.7	87	0	0	87
9/28/2024	7	1097.6	2200	708.7	86	0	0	86
9/28/2024	8	1097.5	2290	708.9	86	0	0	86
9/28/2024	9	1097.5	2330	708.8	86	0	0	86
9/28/2024	10	1097.5	2330	708.6	86	0	0	86
9/28/2024	11	1097.5	2340	708.6	86	0	0	86
9/28/2024	12	1097.5	2350	708.6	86	0	0	86
9/28/2024	13	1097.5	2340	708.5	86	0	0	86
9/28/2024	14	1097.5	2350	708.5	86	0	0	86
9/28/2024	15	1097.5	2330	708.5	86	0	0	86
9/28/2024	16	1097.5	2340	708.5	86	0	0	86
9/28/2024	17	1097.5	2360	708.5	86	0	0	86
9/28/2024	18	1097.5	2340	708.5	86	0	0	86
9/28/2024	19	1097.5	2290	708.5	86	0	0	86
9/28/2024	20	1097.5	2300	708.5	86	0	0	86
9/28/2024	21	1097.5	2340	708.5	87	0	0	87
9/28/2024	22	1097.5	2330	708.5	87	0	0	87
9/28/2024	23	1097.5	210	707.0	87	0	0	87
9/28/2024	24	1097.5	20	707.0	86	0	0	86
9/29/2024	1	1097.5	10	706.8	86	0	0	86
9/29/2024	2	1097.5	10	706.9	86	0	0	86
9/29/2024	3	1097.5	10	706.9	86	0	0	86
9/29/2024	4	1097.5	10	706.7	86	0	0	86
9/29/2024	5	1097.5	10	706.8	86	0	0	86
9/29/2024	6	1097.5	20	707.1	87	0	0	87
9/29/2024	7	1097.5	20	707.7	86	0	0	86
9/29/2024	8	1097.5	20	707.7	86	0	0	86
9/29/2024	9	1097.5	10	708.2	86	0	0	86
9/29/2024	10	1097.5	10	708.6	87	0	0	87
9/29/2024	11	1097.6	10	708.6	87	0	0	87
9/29/2024	12	1097.5	10	708.4	87	0	0	87
9/29/2024	13	1097.5	10	707.9	86	0	0	86
9/29/2024	14	1097.5	10	707.6	87	0	0	87
9/29/2024	15	1097.6	10	707.4	86	0	0	86
9/29/2024	16	1097.6	10	707.2	87	0	0	87
9/29/2024	17	1097.5	10	707.4	86	0	0	86
9/29/2024	18	1097.5	10	707.5	86	0	0	86

Date	Hour	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
9/29/2024	19	1097.5	20	708.0	86	0	0	86
9/29/2024	20	1097.5	20	707.8	86	0	0	86
9/29/2024	21	1097.5	20	707.6	86	0	0	86
9/29/2024	22	1097.5	20	707.2	86	0	0	86
9/29/2024	23	1097.5	20	707.3	86	0	0	86
9/29/2024	24	1097.5	20	707.1	86	0	0	86
9/30/2024	1	1097.5	20	707.6	86	0	0	86
9/30/2024	2	1097.5	20	707.8	86	0	0	86
9/30/2024	3	1097.5	20	708.1	86	0	0	86
9/30/2024	4	1097.5	20	708.0	86	0	0	86
9/30/2024	5	1097.5	20	708.2	86	0	0	86
9/30/2024	6	1097.5	220	708.6	86	0	0	86
9/30/2024	7	1097.5	2360	709.2	86	0	0	86
9/30/2024	8	1097.5	2310	709.1	86	0	0	86
9/30/2024	9	1097.5	2330	709.0	86	0	0	86
9/30/2024	10	1097.5	2340	709.1	86	0	0	86
9/30/2024	11	1097.4	2350	709.1	86	0	0	86
9/30/2024	12	1097.4	2360	709.1	87	0	0	87
9/30/2024	13	1097.4	2350	709.2	86	0	0	86
9/30/2024	14	1097.4	2360	709.3	86	0	0	86
9/30/2024	15	1097.4	2360	709.3	86	0	0	86
9/30/2024	16	1097.4	2350	709.3	86	0	0	86
9/30/2024	17	1097.4	2370	709.2	86	0	0	86
9/30/2024	18	1097.4	2360	709.2	87	0	0	87
9/30/2024	19	1097.4	2330	709.5	87	0	0	87
9/30/2024	20	1097.4	2320	709.2	86	0	0	86
9/30/2024	21	1097.4	2350	709.1	87	0	0	87
9/30/2024	22	1097.4	2340	708.8	86	0	0	86
9/30/2024	23	1097.4	100	707.3	87	0	0	87
9/30/2024	24	1097.4	20	707.1	86	0	0	86