

**Kate Taylor**

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**From:** Scott Hopkins  
**Sent:** Tuesday, September 24, 2024 10:16 AM  
**To:** 'jody.walters@noaa.gov'; 'hugh\_anthony@nps.gov'; 'paul.willard@usda.gov';  
'RD\_Nelle@fws.gov'; 'travis.maitland@dfw.wa.gov'; Scott Hopkins; 'blod@yakamafish-  
nsn.gov'; 'bret.nine@colvilletribes.com'; 'justin.yeager@noaa.gov';  
'ashley\_rawhouser@nps.gov'; 'kari.grover@usda.gov'; 'stuart\_fety@fws.gov';  
'ana.cerro@usda.gov'; 'CHBR461@ECY.WA.GOV'; 'Leslie.King@dfw.wa.gov';  
'okeefe@americanwhitewater.org'; 'wfarris@cityofchelan.us'; 'info@mansonparks.com';  
'Fisheries@ctuir.org'; 'philiprarchibald@gmail.com'; 'damon.roberts@ecy.wa.gov';  
'Josh.Bell@PARKS.WA.GOV'; Bill Towey; Sara Peck  
**Cc:** Kate Taylor; Meaghan Connell; Laura Clark  
**Subject:** 2024 Chelan River Flow Monitoring - August Reports  
**Attachments:** 2024 Daily Average Flow Data August Report.pdf; 2024 Hourly Flow Data August  
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](mailto:scott.hopkins@chelanpud.org)  
(509)661-4763

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

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Dear Chelan River Fishery Forum and Other Parties:

This email is to provide you, in the attached files, with the written flow information for August 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.

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



**Scott Hopkins**

Fisheries Biologist III  
Chelan County P.U.D.  
P: (509) 661-4763  
C: (509) 630-2708

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)
8/1/2024	1099.4	814	708.2	87	0	98	185
8/2/2024	1099.4	1557	709.5	87	0	100	187
8/3/2024	1099.4	1568	708.8	87	0	97	185
8/4/2024	1099.4	20	707.8	88	0	97	184
8/5/2024	1099.4	1757	708.4	87	0	97	184
8/6/2024	1099.3	2106	708.9	87	0	98	186
8/7/2024	1099.2	787	708.1	87	0	97	184
8/8/2024	1099.2	782	708.4	87	0	98	186
8/9/2024	1099.3	780	708.4	87	0	100	188
8/10/2024	1099.3	776	708.1	87	0	100	187
8/11/2024	1099.3	25	707.4	88	0	99	187
8/12/2024	1099.4	20	707.3	87	0	100	187
8/13/2024	1099.4	758	707.6	87	0	99	186
8/14/2024	1099.4	798	708.1	87	0	100	187
8/15/2024	1099.3	779	708.1	87	0	100	187
8/16/2024	1099.4	773	708.0	87	0	101	188
8/17/2024	1099.3	778	707.7	87	0	101	189
8/18/2024	1099.3	20	707.7	87	0	99	186
8/19/2024	1099.4	783	707.8	87	0	99	186
8/20/2024	1099.4	838	707.9	87	0	99	186
8/21/2024	1099.3	1168	708.2	87	0	100	187
8/22/2024	1099.2	1066	708.4	87	0	101	188
8/23/2024	1099.3	790	708.0	87	0	99	187
8/24/2024	1099.3	754	707.8	87	0	99	186
8/25/2024	1099.3	20	707.8	87	0	101	188
8/26/2024	1099.3	786	707.6	87	0	100	187
8/27/2024	1099.4	20	708.4	87	0	99	187
8/28/2024	1099.3	792	708.7	87	0	101	188
8/29/2024	1099.3	787	708.1	102	0	30	132
8/30/2024	1099.2	1575	708.7	87	0	40	127
8/31/2024	1099.1	1570	708.9	87	0	98	185

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)
8/1/2024	1	1099.4	20	707.2	88	0	96	184
8/1/2024	2	1099.4	20	706.6	87	0	95	183
8/1/2024	3	1099.4	20	706.7	87	0	96	183
8/1/2024	4	1099.4	20	706.9	87	0	96	183
8/1/2024	5	1099.4	20	706.9	87	0	96	183
8/1/2024	6	1099.4	100	707.0	87	0	96	183
8/1/2024	7	1099.4	1200	707.9	87	0	97	184
8/1/2024	8	1099.4	1210	707.9	87	0	97	184
8/1/2024	9	1099.4	1210	708.1	87	0	98	185
8/1/2024	10	1099.4	1220	708.2	87	0	98	185
8/1/2024	11	1099.4	1210	708.2	87	0	98	185
8/1/2024	12	1099.4	1200	708.4	87	0	99	187
8/1/2024	13	1099.4	1170	708.2	87	0	99	186
8/1/2024	14	1099.4	1170	708.4	87	0	99	187
8/1/2024	15	1099.4	1170	708.9	87	0	100	187
8/1/2024	16	1099.4	1170	709.0	87	0	99	187
8/1/2024	17	1099.4	1170	709.1	87	0	100	187
8/1/2024	18	1099.4	1170	708.9	87	0	99	187
8/1/2024	19	1099.4	1170	708.7	87	0	98	186
8/1/2024	20	1099.4	1170	708.8	87	0	98	185
8/1/2024	21	1099.4	1170	708.6	87	0	98	185
8/1/2024	22	1099.4	1170	709.1	87	0	98	186
8/1/2024	23	1099.4	370	709.2	88	0	99	186
8/1/2024	24	1099.4	20	709.7	88	0	100	187
8/2/2024	1	1099.4	20	710.0	87	0	100	187
8/2/2024	2	1099.4	20	709.5	87	0	99	186
8/2/2024	3	1099.4	20	709.3	87	0	99	186
8/2/2024	4	1099.4	20	709.0	87	0	99	186
8/2/2024	5	1099.4	20	708.6	87	0	99	185
8/2/2024	6	1099.4	120	708.9	87	0	99	186
8/2/2024	7	1099.4	2270	709.1	87	0	98	185
8/2/2024	8	1099.4	2320	708.9	87	0	99	186
8/2/2024	9	1099.4	2300	708.8	87	0	99	186
8/2/2024	10	1099.4	2320	708.8	88	0	99	187
8/2/2024	11	1099.4	2310	708.8	88	0	100	188
8/2/2024	12	1099.4	2340	708.8	87	0	100	187
8/2/2024	13	1099.4	2330	709.0	87	0	100	187
8/2/2024	14	1099.3	2350	709.3	87	0	101	188
8/2/2024	15	1099.3	2330	709.5	87	0	101	188
8/2/2024	16	1099.3	2340	710.0	87	0	101	189
8/2/2024	17	1099.3	2330	710.2	87	0	102	189
8/2/2024	18	1099.3	2340	710.2	87	0	99	186
8/2/2024	19	1099.3	2340	710.4	87	0	100	187
8/2/2024	20	1099.3	2340	710.5	87	0	100	188
8/2/2024	21	1099.3	2320	710.7	88	0	100	188
8/2/2024	22	1099.4	2210	710.2	87	0	99	187

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)
8/2/2024	23	1099.4	40	709.7	88	0	99	187
8/2/2024	24	1099.4	10	709.4	87	0	98	186
8/3/2024	1	1099.4	10	709.2	87	0	98	186
8/3/2024	2	1099.4	10	708.9	87	0	98	185
8/3/2024	3	1099.4	10	708.5	87	0	97	184
8/3/2024	4	1099.4	10	708.6	87	0	98	185
8/3/2024	5	1099.4	10	708.6	87	0	98	185
8/3/2024	6	1099.4	150	708.5	87	0	98	185
8/3/2024	7	1099.4	2300	708.9	87	0	98	185
8/3/2024	8	1099.4	2310	708.7	87	0	98	185
8/3/2024	9	1099.4	2320	708.8	87	0	97	184
8/3/2024	10	1099.4	2330	709.1	87	0	97	184
8/3/2024	11	1099.4	2330	708.9	87	0	98	184
8/3/2024	12	1099.4	2330	709.1	87	0	98	185
8/3/2024	13	1099.4	2340	709.1	88	0	98	186
8/3/2024	14	1099.4	2340	709.1	87	0	97	185
8/3/2024	15	1099.4	2330	709.1	88	0	98	186
8/3/2024	16	1099.3	2330	709.0	87	0	97	184
8/3/2024	17	1099.3	2320	708.8	88	0	97	185
8/3/2024	18	1099.3	2330	708.8	87	0	96	183
8/3/2024	19	1099.3	2320	708.9	87	0	96	184
8/3/2024	20	1099.3	2290	708.6	87	0	97	184
8/3/2024	21	1099.3	2310	708.7	87	0	97	184
8/3/2024	22	1099.3	2330	708.8	87	0	97	184
8/3/2024	23	1099.3	240	708.4	88	0	97	185
8/3/2024	24	1099.3	20	708.2	87	0	97	184
8/4/2024	1	1099.4	20	708.0	87	0	96	184
8/4/2024	2	1099.4	20	708.3	87	0	97	184
8/4/2024	3	1099.4	20	708.3	88	0	98	186
8/4/2024	4	1099.4	20	707.9	88	0	97	185
8/4/2024	5	1099.4	20	707.9	88	0	96	184
8/4/2024	6	1099.4	20	707.7	88	0	97	184
8/4/2024	7	1099.4	20	707.7	88	0	97	184
8/4/2024	8	1099.4	20	707.6	88	0	96	184
8/4/2024	9	1099.4	20	707.3	88	0	96	183
8/4/2024	10	1099.4	20	707.3	88	0	96	183
8/4/2024	11	1099.4	20	707.6	88	0	96	184
8/4/2024	12	1099.4	20	707.5	88	0	99	186
8/4/2024	13	1099.4	20	707.3	88	0	98	185
8/4/2024	14	1099.4	20	707.5	88	0	98	185
8/4/2024	15	1099.4	20	707.6	88	0	97	184
8/4/2024	16	1099.4	20	707.9	88	0	96	184
8/4/2024	17	1099.4	20	707.9	88	0	96	184
8/4/2024	18	1099.4	20	707.9	88	0	98	185
8/4/2024	19	1099.4	20	708.0	88	0	96	183
8/4/2024	20	1099.4	20	708.2	88	0	96	184

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)
8/4/2024	21	1099.4	20	708.3	87	0	97	184
8/4/2024	22	1099.4	20	707.8	87	0	95	182
8/4/2024	23	1099.4	20	707.9	87	0	96	183
8/4/2024	24	1099.4	20	707.8	87	0	96	183
8/5/2024	1	1099.4	20	707.4	87	0	95	182
8/5/2024	2	1099.4	20	707.3	87	0	96	183
8/5/2024	3	1099.4	20	707.4	87	0	95	182
8/5/2024	4	1099.4	20	707.4	87	0	96	184
8/5/2024	5	1099.4	20	707.3	87	0	96	183
8/5/2024	6	1099.4	230	707.4	87	0	96	183
8/5/2024	7	1099.4	2320	708.5	87	0	98	184
8/5/2024	8	1099.4	2320	708.5	87	0	97	184
8/5/2024	9	1099.4	2310	708.5	87	0	98	185
8/5/2024	10	1099.4	2320	708.6	88	0	97	185
8/5/2024	11	1099.4	2320	708.5	88	0	97	185
8/5/2024	12	1099.4	2350	708.5	87	0	98	185
8/5/2024	13	1099.4	2330	708.6	87	0	99	186
8/5/2024	14	1099.4	2340	708.7	87	0	99	186
8/5/2024	15	1099.4	2330	708.9	87	0	99	186
8/5/2024	16	1099.3	2330	709.0	88	0	99	186
8/5/2024	17	1099.3	2350	709.2	87	0	98	186
8/5/2024	18	1099.3	2330	709.4	87	0	99	186
8/5/2024	19	1099.4	2330	709.2	88	0	98	185
8/5/2024	20	1099.4	2290	708.9	87	0	96	184
8/5/2024	21	1099.3	2300	708.7	88	0	96	184
8/5/2024	22	1099.4	2310	708.8	86	0	97	183
8/5/2024	23	1099.4	2330	708.9	88	0	98	186
8/5/2024	24	1099.4	2320	709.0	87	0	97	184
8/6/2024	1	1099.4	2320	708.9	88	0	98	186
8/6/2024	2	1099.4	2310	708.7	87	0	97	184
8/6/2024	3	1099.4	2290	708.7	87	0	98	185
8/6/2024	4	1099.3	2330	709.0	87	0	98	185
8/6/2024	5	1099.3	2330	708.9	88	0	98	186
8/6/2024	6	1099.3	1450	708.6	88	0	98	185
8/6/2024	7	1099.3	2320	709.1	88	0	97	185
8/6/2024	8	1099.3	2340	709.0	87	0	97	184
8/6/2024	9	1099.3	2330	709.2	88	0	98	186
8/6/2024	10	1099.3	2340	709.3	87	0	99	186
8/6/2024	11	1099.3	2350	709.4	87	0	99	186
8/6/2024	12	1099.3	2350	709.5	88	0	99	186
8/6/2024	13	1099.3	2340	709.7	87	0	100	187
8/6/2024	14	1099.3	2360	709.5	87	0	100	187
8/6/2024	15	1099.3	2340	709.3	88	0	98	186
8/6/2024	16	1099.3	2350	709.4	88	0	100	188
8/6/2024	17	1099.3	2350	709.1	87	0	99	186
8/6/2024	18	1099.3	2350	709.3	88	0	100	187

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)
8/6/2024	19	1099.3	2350	709.3	87	0	100	187
8/6/2024	20	1099.3	2310	709.0	88	0	99	186
8/6/2024	21	1099.3	2330	708.8	87	0	98	185
8/6/2024	22	1099.3	2260	708.6	87	0	97	184
8/6/2024	23	1099.3	120	707.0	88	0	96	183
8/6/2024	24	1099.3	20	705.9	88	0	94	182
8/7/2024	1	1099.3	10	705.9	87	0	94	181
8/7/2024	2	1099.3	10	706.5	87	0	95	182
8/7/2024	3	1099.3	10	706.4	87	0	95	181
8/7/2024	4	1099.3	10	706.6	87	0	95	182
8/7/2024	5	1099.3	10	707.0	87	0	95	182
8/7/2024	6	1099.3	130	707.1	87	0	95	182
8/7/2024	7	1099.3	1210	707.7	87	0	96	183
8/7/2024	8	1099.3	1200	707.8	87	0	96	183
8/7/2024	9	1099.3	1210	707.9	87	0	96	183
8/7/2024	10	1099.3	1200	708.0	87	0	97	184
8/7/2024	11	1099.3	1200	708.0	87	0	97	184
8/7/2024	12	1099.3	1210	708.2	87	0	98	185
8/7/2024	13	1099.3	1210	708.3	87	0	99	186
8/7/2024	14	1099.3	1170	708.4	87	0	99	186
8/7/2024	15	1099.3	1130	708.4	87	0	98	185
8/7/2024	16	1099.2	1130	708.3	87	0	98	185
8/7/2024	17	1099.2	1130	708.7	87	0	100	187
8/7/2024	18	1099.3	1130	709.2	87	0	101	188
8/7/2024	19	1099.2	1140	709.4	87	0	101	188
8/7/2024	20	1099.2	1120	709.4	87	0	99	186
8/7/2024	21	1099.3	1130	709.4	87	0	99	186
8/7/2024	22	1099.3	1130	709.4	87	0	99	186
8/7/2024	23	1099.3	40	709.2	87	0	98	186
8/7/2024	24	1099.3	20	709.0	87	0	98	185
8/8/2024	1	1099.3	20	708.6	88	0	97	185
8/8/2024	2	1099.3	20	708.5	88	0	97	185
8/8/2024	3	1099.3	20	708.3	87	0	97	184
8/8/2024	4	1099.3	20	708.6	87	0	98	185
8/8/2024	5	1099.3	20	708.7	88	0	98	186
8/8/2024	6	1099.3	120	708.8	88	0	98	186
8/8/2024	7	1099.3	1160	708.8	87	0	98	185
8/8/2024	8	1099.3	1150	708.2	87	0	97	184
8/8/2024	9	1099.3	1150	708.2	87	0	97	184
8/8/2024	10	1099.3	1150	708.2	87	0	97	184
8/8/2024	11	1099.3	1160	708.3	87	0	97	184
8/8/2024	12	1099.3	1150	708.1	87	0	97	184
8/8/2024	13	1099.3	1150	708.2	87	0	97	184
8/8/2024	14	1099.2	1160	707.8	87	0	96	183
8/8/2024	15	1099.2	1150	707.7	87	0	100	187
8/8/2024	16	1099.2	1160	707.9	87	0	99	187

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)
8/8/2024	17	1099.2	1160	708.1	87	0	101	188
8/8/2024	18	1099.2	1160	708.3	87	0	100	187
8/8/2024	19	1099.2	1160	708.6	87	0	101	188
8/8/2024	20	1099.2	1150	708.5	87	0	100	187
8/8/2024	21	1099.2	1150	708.6	87	0	99	187
8/8/2024	22	1099.2	1150	708.8	87	0	100	187
8/8/2024	23	1099.2	50	708.9	88	0	101	188
8/8/2024	24	1099.2	20	709.1	88	0	100	188
8/9/2024	1	1099.2	20	709.1	88	0	101	188
8/9/2024	2	1099.3	20	708.8	87	0	100	188
8/9/2024	3	1099.3	20	708.6	87	0	100	187
8/9/2024	4	1099.3	20	708.6	87	0	101	188
8/9/2024	5	1099.3	20	708.3	88	0	100	187
8/9/2024	6	1099.3	70	708.3	87	0	100	187
8/9/2024	7	1099.3	1170	708.6	87	0	100	187
8/9/2024	8	1099.3	1170	708.8	87	0	101	188
8/9/2024	9	1099.3	1170	708.7	87	0	100	187
8/9/2024	10	1099.3	1160	708.6	87	0	100	187
8/9/2024	11	1099.3	1160	708.5	87	0	100	187
8/9/2024	12	1099.3	1170	708.7	87	0	100	187
8/9/2024	13	1099.3	1170	708.8	87	0	101	188
8/9/2024	14	1099.2	1170	708.7	87	0	101	188
8/9/2024	15	1099.3	1170	708.5	87	0	100	187
8/9/2024	16	1099.3	1170	708.4	87	0	100	187
8/9/2024	17	1099.3	1170	708.6	87	0	102	189
8/9/2024	18	1099.3	1170	708.2	88	0	103	191
8/9/2024	19	1099.3	1170	707.9	87	0	100	187
8/9/2024	20	1099.3	1160	707.9	88	0	99	186
8/9/2024	21	1099.3	1160	707.7	88	0	99	187
8/9/2024	22	1099.3	1000	707.7	88	0	100	188
8/9/2024	23	1099.2	20	707.1	88	0	99	187
8/9/2024	24	1099.3	20	707.6	87	0	99	186
8/10/2024	1	1099.3	20	707.9	87	0	99	186
8/10/2024	2	1099.3	20	708.3	87	0	100	186
8/10/2024	3	1099.3	20	708.3	87	0	99	186
8/10/2024	4	1099.3	20	708.5	87	0	101	187
8/10/2024	5	1099.3	20	708.7	87	0	101	187
8/10/2024	6	1099.3	50	709.1	87	0	101	188
8/10/2024	7	1099.3	1080	709.2	88	0	101	189
8/10/2024	8	1099.3	1150	708.8	87	0	100	187
8/10/2024	9	1099.3	1180	708.4	87	0	100	187
8/10/2024	10	1099.3	1170	708.1	87	0	99	186
8/10/2024	11	1099.2	1160	707.9	87	0	99	186
8/10/2024	12	1099.2	1170	707.6	87	0	99	186
8/10/2024	13	1099.3	1180	707.5	87	0	99	185
8/10/2024	14	1099.3	1170	707.7	87	0	99	186



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)
8/10/2024	15	1099.3	1180	707.9	87	0	98	185
8/10/2024	16	1099.3	1160	708.0	88	0	98	186
8/10/2024	17	1099.3	1180	707.9	88	0	97	185
8/10/2024	18	1099.3	1170	707.8	88	0	101	189
8/10/2024	19	1099.3	1160	707.8	88	0	102	190
8/10/2024	20	1099.3	1160	708.0	88	0	102	189
8/10/2024	21	1099.3	1160	708.4	88	0	101	188
8/10/2024	22	1099.3	1010	708.2	87	0	99	186
8/10/2024	23	1099.3	20	708.2	88	0	100	188
8/10/2024	24	1099.3	20	707.7	88	0	99	187
8/11/2024	1	1099.3	20	706.9	88	0	98	186
8/11/2024	2	1099.3	20	706.9	88	0	98	186
8/11/2024	3	1099.3	20	706.6	88	0	98	185
8/11/2024	4	1099.3	20	706.9	88	0	98	186
8/11/2024	5	1099.3	20	707.1	88	0	98	186
8/11/2024	6	1099.3	30	707.1	88	0	98	186
8/11/2024	7	1099.3	120	707.3	88	0	99	186
8/11/2024	8	1099.3	20	707.5	88	0	99	187
8/11/2024	9	1099.3	20	707.7	88	0	99	187
8/11/2024	10	1099.3	20	707.5	88	0	99	187
8/11/2024	11	1099.3	20	707.4	88	0	99	187
8/11/2024	12	1099.3	20	707.5	88	0	99	187
8/11/2024	13	1099.3	20	707.7	87	0	102	189
8/11/2024	14	1099.3	20	707.7	87	0	101	188
8/11/2024	15	1099.3	20	707.8	87	0	101	188
8/11/2024	16	1099.3	20	707.9	87	0	100	187
8/11/2024	17	1099.3	20	707.5	87	0	99	186
8/11/2024	18	1099.3	20	707.6	87	0	98	186
8/11/2024	19	1099.3	20	707.3	88	0	99	186
8/11/2024	20	1099.3	20	707.3	88	0	98	185
8/11/2024	21	1099.3	20	707.3	88	0	98	186
8/11/2024	22	1099.3	20	707.4	88	0	99	187
8/11/2024	23	1099.3	20	707.5	88	0	99	187
8/11/2024	24	1099.3	20	707.3	88	0	100	188
8/12/2024	1	1099.3	20	706.6	88	0	99	187
8/12/2024	2	1099.3	20	706.4	88	0	99	187
8/12/2024	3	1099.3	20	706.5	88	0	98	186
8/12/2024	4	1099.3	20	706.7	88	0	99	187
8/12/2024	5	1099.3	20	706.9	88	0	99	187
8/12/2024	6	1099.3	20	707.3	88	0	98	186
8/12/2024	7	1099.4	20	707.4	88	0	99	187
8/12/2024	8	1099.4	20	707.6	88	0	99	187
8/12/2024	9	1099.4	20	707.4	87	0	100	187
8/12/2024	10	1099.4	20	707.4	87	0	101	187
8/12/2024	11	1099.4	20	707.5	86	0	99	185
8/12/2024	12	1099.4	20	707.4	86	0	100	187

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)
8/12/2024	13	1099.4	20	707.5	86	0	101	187
8/12/2024	14	1099.4	20	707.7	87	0	102	188
8/12/2024	15	1099.4	20	707.8	88	0	102	190
8/12/2024	16	1099.4	20	707.8	88	0	102	190
8/12/2024	17	1099.4	20	707.8	87	0	101	188
8/12/2024	18	1099.4	20	707.8	87	0	101	189
8/12/2024	19	1099.4	20	707.8	87	0	102	190
8/12/2024	20	1099.4	20	707.7	87	0	100	187
8/12/2024	21	1099.4	20	707.4	88	0	99	187
8/12/2024	22	1099.4	20	707.2	87	0	98	186
8/12/2024	23	1099.4	20	707.0	87	0	97	184
8/12/2024	24	1099.4	20	706.5	88	0	96	184
8/13/2024	1	1099.5	20	706.2	87	0	98	185
8/13/2024	2	1099.5	20	706.4	87	0	98	184
8/13/2024	3	1099.5	20	706.8	87	0	98	184
8/13/2024	4	1099.4	20	706.7	87	0	97	184
8/13/2024	5	1099.4	20	706.8	86	0	98	184
8/13/2024	6	1099.4	30	706.9	87	0	97	183
8/13/2024	7	1099.4	710	707.3	87	0	98	185
8/13/2024	8	1099.4	1140	707.6	87	0	98	185
8/13/2024	9	1099.4	1150	707.7	87	0	97	185
8/13/2024	10	1099.4	1150	707.7	87	0	98	185
8/13/2024	11	1099.4	1150	707.8	87	0	99	186
8/13/2024	12	1099.4	1150	708.1	88	0	101	189
8/13/2024	13	1099.4	1150	708.0	88	0	101	189
8/13/2024	14	1099.4	1160	708.0	88	0	101	188
8/13/2024	15	1099.4	1160	708.0	88	0	100	188
8/13/2024	16	1099.4	1150	708.1	87	0	99	186
8/13/2024	17	1099.4	1150	708.4	87	0	99	186
8/13/2024	18	1099.4	1160	708.3	87	0	99	186
8/13/2024	19	1099.4	1160	708.2	87	0	99	186
8/13/2024	20	1099.4	1150	707.9	87	0	99	186
8/13/2024	21	1099.4	1160	708.0	87	0	98	186
8/13/2024	22	1099.4	1150	707.8	87	0	99	186
8/13/2024	23	1099.4	40	707.6	88	0	99	186
8/13/2024	24	1099.4	20	707.5	87	0	98	185
8/14/2024	1	1099.4	20	707.2	87	0	98	186
8/14/2024	2	1099.4	20	706.6	87	0	97	184
8/14/2024	3	1099.4	20	706.8	87	0	97	184
8/14/2024	4	1099.4	20	706.6	87	0	97	184
8/14/2024	5	1099.4	20	706.8	87	0	97	185
8/14/2024	6	1099.4	330	707.2	87	0	98	185
8/14/2024	7	1099.4	1170	707.6	87	0	98	185
8/14/2024	8	1099.4	1160	707.5	87	0	99	186
8/14/2024	9	1099.4	1160	707.7	87	0	100	187
8/14/2024	10	1099.4	1170	707.8	87	0	100	186

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)
8/14/2024	11	1099.4	1170	707.8	87	0	100	187
8/14/2024	12	1099.4	1170	708.3	87	0	101	188
8/14/2024	13	1099.4	1170	708.3	87	0	101	188
8/14/2024	14	1099.4	1170	708.4	87	0	101	188
8/14/2024	15	1099.3	1170	708.5	87	0	101	187
8/14/2024	16	1099.3	1170	708.7	87	0	101	187
8/14/2024	17	1099.3	1170	709.0	87	0	102	189
8/14/2024	18	1099.3	1170	709.0	88	0	101	188
8/14/2024	19	1099.3	1180	709.1	88	0	100	188
8/14/2024	20	1099.3	1170	709.1	88	0	100	188
8/14/2024	21	1099.3	1170	709.1	88	0	100	187
8/14/2024	22	1099.4	1150	709.1	88	0	100	188
8/14/2024	23	1099.4	20	709.0	88	0	101	189
8/14/2024	24	1099.4	20	708.9	88	0	101	189
8/15/2024	1	1099.4	20	708.3	88	0	100	188
8/15/2024	2	1099.4	20	707.9	87	0	99	187
8/15/2024	3	1099.4	20	707.2	87	0	99	186
8/15/2024	4	1099.4	20	707.4	87	0	100	187
8/15/2024	5	1099.4	20	707.5	87	0	99	186
8/15/2024	6	1099.4	100	707.4	87	0	99	186
8/15/2024	7	1099.4	1150	707.8	87	0	100	187
8/15/2024	8	1099.4	1160	707.7	87	0	100	187
8/15/2024	9	1099.4	1160	707.7	87	0	100	186
8/15/2024	10	1099.4	1160	707.8	87	0	99	186
8/15/2024	11	1099.3	1160	708.0	87	0	100	186
8/15/2024	12	1099.3	1160	708.1	87	0	99	187
8/15/2024	13	1099.3	1160	708.1	87	0	100	187
8/15/2024	14	1099.3	1160	708.4	87	0	101	188
8/15/2024	15	1099.3	1160	708.4	87	0	100	188
8/15/2024	16	1099.3	1160	708.7	87	0	101	188
8/15/2024	17	1099.3	1160	708.7	87	0	101	188
8/15/2024	18	1099.4	1160	708.8	87	0	100	187
8/15/2024	19	1099.4	1170	708.8	87	0	99	186
8/15/2024	20	1099.4	1150	708.6	87	0	99	186
8/15/2024	21	1099.4	1150	708.5	87	0	99	186
8/15/2024	22	1099.4	1070	708.4	87	0	99	186
8/15/2024	23	1099.4	20	708.1	88	0	99	187
8/15/2024	24	1099.4	20	707.6	88	0	98	186
8/16/2024	1	1099.4	20	706.7	88	0	97	185
8/16/2024	2	1099.4	20	706.7	88	0	97	185
8/16/2024	3	1099.4	20	706.7	88	0	97	185
8/16/2024	4	1099.4	20	707.1	88	0	98	186
8/16/2024	5	1099.4	20	707.2	88	0	99	187
8/16/2024	6	1099.4	30	707.4	88	0	100	188
8/16/2024	7	1099.4	1120	707.9	88	0	100	187
8/16/2024	8	1099.4	1150	707.7	87	0	100	187

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)
8/16/2024	9	1099.4	1160	707.7	87	0	102	189
8/16/2024	10	1099.4	1150	707.6	87	0	102	189
8/16/2024	11	1099.3	1150	707.6	87	0	102	189
8/16/2024	12	1099.3	1160	707.7	87	0	102	189
8/16/2024	13	1099.3	1160	708.0	87	0	102	189
8/16/2024	14	1099.3	1160	708.4	87	0	102	189
8/16/2024	15	1099.3	1160	708.9	87	0	102	189
8/16/2024	16	1099.4	1170	709.1	87	0	101	188
8/16/2024	17	1099.4	1160	709.0	87	0	101	188
8/16/2024	18	1099.4	1150	708.9	87	0	100	188
8/16/2024	19	1099.4	1160	708.8	87	0	100	187
8/16/2024	20	1099.4	1150	708.7	87	0	103	190
8/16/2024	21	1099.4	1150	708.6	87	0	103	190
8/16/2024	22	1099.4	1070	708.5	87	0	103	190
8/16/2024	23	1099.4	20	708.2	87	0	102	189
8/16/2024	24	1099.4	20	708.0	88	0	102	189
8/17/2024	1	1099.4	20	707.8	88	0	101	189
8/17/2024	2	1099.4	20	707.3	88	0	101	188
8/17/2024	3	1099.3	20	707.2	87	0	101	188
8/17/2024	4	1099.4	20	707.3	87	0	100	188
8/17/2024	5	1099.3	20	707.7	87	0	101	188
8/17/2024	6	1099.3	170	707.6	87	0	101	189
8/17/2024	7	1099.4	1150	707.9	87	0	101	188
8/17/2024	8	1099.3	1150	707.9	87	0	102	189
8/17/2024	9	1099.3	1160	707.9	87	0	101	188
8/17/2024	10	1099.3	1150	707.8	87	0	102	189
8/17/2024	11	1099.3	1150	707.7	87	0	101	188
8/17/2024	12	1099.3	1160	707.6	87	0	102	189
8/17/2024	13	1099.3	1150	707.5	88	0	102	189
8/17/2024	14	1099.3	1160	707.5	88	0	102	189
8/17/2024	15	1099.3	1160	707.5	88	0	102	189
8/17/2024	16	1099.3	1150	707.6	88	0	102	190
8/17/2024	17	1099.3	1160	707.6	87	0	102	189
8/17/2024	18	1099.3	1150	707.6	87	0	102	189
8/17/2024	19	1099.3	1150	707.8	87	0	102	189
8/17/2024	20	1099.3	1150	708.0	87	0	101	188
8/17/2024	21	1099.3	1150	708.1	87	0	101	188
8/17/2024	22	1099.3	1070	708.2	87	0	101	188
8/17/2024	23	1099.3	20	707.7	88	0	102	190
8/17/2024	24	1099.3	20	707.7	87	0	99	187
8/18/2024	1	1099.4	20	708.0	87	0	100	187
8/18/2024	2	1099.3	20	708.0	87	0	100	187
8/18/2024	3	1099.3	20	707.7	88	0	99	187
8/18/2024	4	1099.3	20	707.4	87	0	98	185
8/18/2024	5	1099.4	20	707.5	87	0	98	185
8/18/2024	6	1099.4	20	707.4	87	0	99	186

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)
8/18/2024	7	1099.3	20	707.7	87	0	99	186
8/18/2024	8	1099.3	20	707.4	87	0	99	186
8/18/2024	9	1099.4	20	707.6	87	0	99	186
8/18/2024	10	1099.4	20	707.5	87	0	100	186
8/18/2024	11	1099.3	20	707.8	87	0	99	186
8/18/2024	12	1099.3	20	708.0	87	0	99	186
8/18/2024	13	1099.3	20	707.9	87	0	98	185
8/18/2024	14	1099.4	20	707.9	87	0	98	185
8/18/2024	15	1099.3	20	707.9	87	0	98	185
8/18/2024	16	1099.3	20	708.0	87	0	99	186
8/18/2024	17	1099.3	20	707.9	87	0	98	185
8/18/2024	18	1099.3	20	707.9	87	0	98	185
8/18/2024	19	1099.4	20	707.9	87	0	97	184
8/18/2024	20	1099.3	20	707.9	87	0	98	185
8/18/2024	21	1099.4	20	707.7	87	0	98	185
8/18/2024	22	1099.4	20	707.6	87	0	98	185
8/18/2024	23	1099.4	20	707.4	88	0	97	185
8/18/2024	24	1099.4	20	707.4	88	0	98	186
8/19/2024	1	1099.4	20	707.1	87	0	97	184
8/19/2024	2	1099.4	20	707.4	87	0	98	185
8/19/2024	3	1099.4	20	707.7	87	0	99	187
8/19/2024	4	1099.4	20	707.8	87	0	99	186
8/19/2024	5	1099.4	20	707.9	87	0	100	187
8/19/2024	6	1099.4	70	707.9	87	0	99	186
8/19/2024	7	1099.4	1170	708.6	87	0	100	187
8/19/2024	8	1099.4	1160	708.3	87	0	100	187
8/19/2024	9	1099.4	1170	708.1	87	0	99	186
8/19/2024	10	1099.4	1160	708.3	87	0	99	186
8/19/2024	11	1099.4	1160	708.3	87	0	100	187
8/19/2024	12	1099.4	1170	708.2	87	0	100	187
8/19/2024	13	1099.4	1170	708.2	87	0	100	187
8/19/2024	14	1099.4	1170	708.2	87	0	100	187
8/19/2024	15	1099.4	1170	708.1	87	0	100	187
8/19/2024	16	1099.4	1160	707.9	87	0	99	186
8/19/2024	17	1099.4	1170	707.8	87	0	98	185
8/19/2024	18	1099.4	1170	707.8	87	0	98	185
8/19/2024	19	1099.4	1170	707.7	87	0	101	188
8/19/2024	20	1099.4	1160	707.7	87	0	99	186
8/19/2024	21	1099.4	1160	707.6	87	0	98	185
8/19/2024	22	1099.4	1080	707.5	87	0	97	184
8/19/2024	23	1099.4	20	706.7	87	0	96	184
8/19/2024	24	1099.4	20	706.5	87	0	97	184
8/20/2024	1	1099.4	20	706.2	87	0	96	184
8/20/2024	2	1099.4	20	706.4	87	0	96	183
8/20/2024	3	1099.4	20	706.7	87	0	97	184
8/20/2024	4	1099.4	20	707.0	87	0	98	185

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)
8/20/2024	5	1099.4	20	707.1	87	0	98	185
8/20/2024	6	1099.4	120	707.5	87	0	99	185
8/20/2024	7	1099.4	1080	708.3	87	0	99	186
8/20/2024	8	1099.4	1090	708.2	87	0	100	186
8/20/2024	9	1099.4	1090	708.2	87	0	99	186
8/20/2024	10	1099.4	1090	708.5	88	0	99	187
8/20/2024	11	1099.4	1090	708.2	88	0	100	188
8/20/2024	12	1099.4	1090	708.0	87	0	100	187
8/20/2024	13	1099.4	1090	708.0	87	0	101	189
8/20/2024	14	1099.4	1090	708.1	87	0	101	188
8/20/2024	15	1099.4	1090	708.2	87	0	101	188
8/20/2024	16	1099.4	1090	708.4	87	0	100	187
8/20/2024	17	1099.4	1080	708.5	87	0	99	186
8/20/2024	18	1099.4	1090	708.4	87	0	98	186
8/20/2024	19	1099.4	1080	708.5	87	0	98	185
8/20/2024	20	1099.4	1080	708.5	87	0	99	186
8/20/2024	21	1099.4	1170	708.6	87	0	99	186
8/20/2024	22	1099.4	1170	708.7	87	0	99	186
8/20/2024	23	1099.4	1170	708.4	87	0	98	185
8/20/2024	24	1099.4	1160	708.3	87	0	98	185
8/21/2024	1	1099.4	1170	707.9	87	0	98	186
8/21/2024	2	1099.4	1160	707.9	87	0	99	186
8/21/2024	3	1099.4	1170	708.0	87	0	99	186
8/21/2024	4	1099.4	1170	708.2	87	0	99	186
8/21/2024	5	1099.3	1170	708.3	87	0	98	185
8/21/2024	6	1099.3	1170	708.4	87	0	99	186
8/21/2024	7	1099.3	1170	708.7	87	0	99	187
8/21/2024	8	1099.3	1170	708.7	87	0	100	187
8/21/2024	9	1099.3	1170	708.5	87	0	100	187
8/21/2024	10	1099.3	1170	708.8	87	0	100	187
8/21/2024	11	1099.3	1170	708.8	87	0	101	188
8/21/2024	12	1099.3	1170	708.8	87	0	101	188
8/21/2024	13	1099.3	1170	708.6	87	0	100	187
8/21/2024	14	1099.3	1170	708.7	87	0	100	187
8/21/2024	15	1099.3	1160	708.5	87	0	101	188
8/21/2024	16	1099.3	1170	708.2	87	0	100	187
8/21/2024	17	1099.3	1170	708.0	87	0	100	187
8/21/2024	18	1099.3	1170	707.8	87	0	100	187
8/21/2024	19	1099.3	1160	707.6	87	0	100	187
8/21/2024	20	1099.3	1160	707.5	87	0	100	187
8/21/2024	21	1099.3	1170	707.4	87	0	99	186
8/21/2024	22	1099.3	1160	707.4	87	0	99	186
8/21/2024	23	1099.3	1170	707.7	87	0	99	186
8/21/2024	24	1099.3	1160	707.8	87	0	101	187
8/22/2024	1	1099.3	1170	708.0	87	0	100	187
8/22/2024	2	1099.3	1170	708.1	87	0	100	187

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)
8/22/2024	3	1099.3	1170	708.3	87	0	100	187
8/22/2024	4	1099.3	1170	708.7	87	0	101	188
8/22/2024	5	1099.3	1170	708.9	87	0	101	188
8/22/2024	6	1099.3	1180	709.1	87	0	101	188
8/22/2024	7	1099.3	1170	709.3	87	0	102	189
8/22/2024	8	1099.2	1170	709.6	87	0	103	190
8/22/2024	9	1099.3	1170	709.4	87	0	102	189
8/22/2024	10	1099.3	1170	709.1	87	0	101	188
8/22/2024	11	1099.3	1170	709.0	87	0	102	189
8/22/2024	12	1099.3	1170	708.9	87	0	101	189
8/22/2024	13	1099.3	1180	708.8	87	0	101	188
8/22/2024	14	1099.3	1170	708.6	87	0	101	188
8/22/2024	15	1099.2	1170	708.4	87	0	101	188
8/22/2024	16	1099.2	1170	708.2	87	0	100	187
8/22/2024	17	1099.2	1170	708.1	87	0	101	188
8/22/2024	18	1099.3	1160	708.2	87	0	101	188
8/22/2024	19	1099.2	1160	708.2	87	0	101	188
8/22/2024	20	1099.2	1160	707.9	87	0	100	187
8/22/2024	21	1099.3	1160	707.8	87	0	100	186
8/22/2024	22	1099.3	1000	707.4	87	0	99	187
8/22/2024	23	1099.2	20	706.5	87	0	99	186
8/22/2024	24	1099.3	20	706.5	87	0	98	185
8/23/2024	1	1099.3	20	706.3	87	0	99	186
8/23/2024	2	1099.3	20	706.5	87	0	98	185
8/23/2024	3	1099.3	20	706.7	87	0	98	184
8/23/2024	4	1099.3	20	706.6	87	0	97	184
8/23/2024	5	1099.3	20	706.9	87	0	100	187
8/23/2024	6	1099.3	20	707.6	87	0	100	187
8/23/2024	7	1099.3	1070	708.3	87	0	99	187
8/23/2024	8	1099.3	1080	708.5	87	0	101	188
8/23/2024	9	1099.3	1080	708.4	87	0	100	187
8/23/2024	10	1099.2	1130	708.4	87	0	99	186
8/23/2024	11	1099.2	1160	708.4	87	0	100	186
8/23/2024	12	1099.3	1160	708.6	87	0	100	187
8/23/2024	13	1099.3	1160	708.7	87	0	100	187
8/23/2024	14	1099.3	1170	708.8	87	0	100	187
8/23/2024	15	1099.3	1170	708.6	87	0	101	188
8/23/2024	16	1099.3	1170	708.7	87	0	101	188
8/23/2024	17	1099.3	1170	708.6	87	0	102	189
8/23/2024	18	1099.3	1170	708.3	87	0	100	187
8/23/2024	19	1099.2	1170	708.4	88	0	98	186
8/23/2024	20	1099.2	1170	708.6	88	0	99	187
8/23/2024	21	1099.2	1160	708.5	87	0	100	187
8/23/2024	22	1099.2	1170	708.1	88	0	99	187
8/23/2024	23	1099.3	450	707.6	88	0	99	186
8/23/2024	24	1099.2	20	707.1	87	0	98	185

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)
8/24/2024	1	1099.2	20	706.8	87	0	97	185
8/24/2024	2	1099.3	20	707.0	87	0	97	184
8/24/2024	3	1099.3	20	707.3	87	0	98	186
8/24/2024	4	1099.3	20	707.6	87	0	98	185
8/24/2024	5	1099.3	20	707.7	87	0	98	185
8/24/2024	6	1099.3	20	707.8	87	0	98	185
8/24/2024	7	1099.3	1040	708.6	87	0	99	186
8/24/2024	8	1099.3	1100	708.3	87	0	99	186
8/24/2024	9	1099.3	1090	708.5	87	0	99	186
8/24/2024	10	1099.3	1090	709.0	87	0	100	187
8/24/2024	11	1099.3	1100	708.5	87	0	99	186
8/24/2024	12	1099.3	1090	708.1	87	0	98	185
8/24/2024	13	1099.3	1090	707.9	87	0	98	185
8/24/2024	14	1099.3	1090	707.7	87	0	98	185
8/24/2024	15	1099.3	1090	707.8	87	0	98	185
8/24/2024	16	1099.3	1090	708.0	87	0	100	187
8/24/2024	17	1099.3	1100	708.0	87	0	101	188
8/24/2024	18	1099.3	1120	708.1	87	0	101	188
8/24/2024	19	1099.3	1170	708.2	87	0	101	188
8/24/2024	20	1099.3	1180	708.1	87	0	101	188
8/24/2024	21	1099.3	1170	707.8	87	0	100	187
8/24/2024	22	1099.3	1170	707.6	87	0	100	187
8/24/2024	23	1099.3	180	706.8	87	0	99	187
8/24/2024	24	1099.3	20	706.8	87	0	100	187
8/25/2024	1	1099.3	20	707.0	87	0	100	187
8/25/2024	2	1099.3	20	706.8	87	0	99	187
8/25/2024	3	1099.3	20	706.9	87	0	100	187
8/25/2024	4	1099.3	20	707.2	87	0	100	187
8/25/2024	5	1099.3	20	707.3	87	0	100	187
8/25/2024	6	1099.3	20	707.1	87	0	99	186
8/25/2024	7	1099.3	20	707.3	87	0	100	187
8/25/2024	8	1099.3	20	707.4	87	0	101	188
8/25/2024	9	1099.3	20	707.3	87	0	101	188
8/25/2024	10	1099.3	20	707.6	87	0	103	190
8/25/2024	11	1099.3	20	707.9	87	0	103	190
8/25/2024	12	1099.3	20	708.1	87	0	103	190
8/25/2024	13	1099.3	20	708.1	87	0	104	191
8/25/2024	14	1099.3	20	708.3	87	0	103	190
8/25/2024	15	1099.3	20	708.2	87	0	101	188
8/25/2024	16	1099.3	20	708.1	87	0	100	187
8/25/2024	17	1099.3	20	708.2	87	0	100	187
8/25/2024	18	1099.3	20	708.1	87	0	100	187
8/25/2024	19	1099.3	20	708.4	87	0	101	188
8/25/2024	20	1099.3	20	708.7	87	0	101	189
8/25/2024	21	1099.3	20	708.2	87	0	100	188
8/25/2024	22	1099.3	20	708.1	87	0	101	188



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)
8/25/2024	23	1099.3	20	708.1	87	0	101	188
8/25/2024	24	1099.3	20	707.8	87	0	100	188
8/26/2024	1	1099.3	20	707.4	87	0	100	187
8/26/2024	2	1099.3	20	707.4	87	0	100	187
8/26/2024	3	1099.3	20	707.6	87	0	100	187
8/26/2024	4	1099.3	20	707.4	87	0	99	187
8/26/2024	5	1099.3	20	707.4	87	0	99	186
8/26/2024	6	1099.3	20	707.4	87	0	100	187
8/26/2024	7	1099.3	1160	707.7	87	0	100	187
8/26/2024	8	1099.3	1160	707.6	87	0	101	188
8/26/2024	9	1099.3	1160	707.6	87	0	100	187
8/26/2024	10	1099.3	1160	707.6	87	0	100	187
8/26/2024	11	1099.3	1160	707.6	87	0	100	187
8/26/2024	12	1099.3	1160	707.5	87	0	100	187
8/26/2024	13	1099.3	1170	707.5	87	0	99	187
8/26/2024	14	1099.3	1170	707.5	87	0	99	186
8/26/2024	15	1099.3	1170	707.5	87	0	99	186
8/26/2024	16	1099.3	1170	707.5	87	0	100	187
8/26/2024	17	1099.3	1170	707.6	87	0	100	187
8/26/2024	18	1099.3	1180	707.6	87	0	99	186
8/26/2024	19	1099.3	1180	707.6	87	0	99	185
8/26/2024	20	1099.3	1160	707.7	87	0	100	187
8/26/2024	21	1099.3	1160	707.6	87	0	101	188
8/26/2024	22	1099.3	1170	707.8	87	0	100	187
8/26/2024	23	1099.3	60	708.0	87	0	101	188
8/26/2024	24	1099.3	20	708.3	88	0	102	189
8/27/2024	1	1099.3	20	708.8	87	0	101	188
8/27/2024	2	1099.3	20	708.7	87	0	102	189
8/27/2024	3	1099.3	20	708.4	87	0	102	189
8/27/2024	4	1099.3	20	708.3	87	0	100	187
8/27/2024	5	1099.3	20	708.6	87	0	99	187
8/27/2024	6	1099.3	20	708.6	87	0	99	187
8/27/2024	7	1099.3	20	708.7	87	0	99	187
8/27/2024	8	1099.4	20	709.0	88	0	100	187
8/27/2024	9	1099.4	20	709.2	88	0	100	188
8/27/2024	10	1099.4	20	709.3	88	0	99	187
8/27/2024	11	1099.4	20	709.6	88	0	99	187
8/27/2024	12	1099.4	20	709.5	88	0	100	188
8/27/2024	13	1099.4	20	709.0	88	0	99	186
8/27/2024	14	1099.4	20	708.4	88	0	98	186
8/27/2024	15	1099.4	20	708.2	88	0	97	185
8/27/2024	16	1099.4	20	707.7	88	0	97	185
8/27/2024	17	1099.4	20	707.5	87	0	96	184
8/27/2024	18	1099.4	20	707.3	87	0	97	184
8/27/2024	19	1099.4	20	707.1	87	0	98	185
8/27/2024	20	1099.4	20	707.5	87	0	100	187

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)
8/27/2024	21	1099.4	20	707.8	87	0	101	188
8/27/2024	22	1099.4	20	708.3	87	0	101	188
8/27/2024	23	1099.4	20	708.4	87	0	101	187
8/27/2024	24	1099.4	20	708.5	87	0	101	187
8/28/2024	1	1099.4	20	708.8	87	0	100	187
8/28/2024	2	1099.4	20	708.5	87	0	100	187
8/28/2024	3	1099.4	20	708.4	88	0	100	188
8/28/2024	4	1099.4	20	708.7	87	0	101	188
8/28/2024	5	1099.4	20	709.0	87	0	100	188
8/28/2024	6	1099.4	230	709.5	88	0	102	190
8/28/2024	7	1099.4	1170	709.9	87	0	102	189
8/28/2024	8	1099.4	1170	710.0	87	0	101	189
8/28/2024	9	1099.4	1180	709.8	87	0	101	188
8/28/2024	10	1099.4	1180	709.0	87	0	101	188
8/28/2024	11	1099.4	1170	708.6	87	0	100	187
8/28/2024	12	1099.3	1170	708.4	87	0	101	188
8/28/2024	13	1099.3	1170	708.0	87	0	100	188
8/28/2024	14	1099.3	1170	707.9	87	0	100	188
8/28/2024	15	1099.3	1170	708.3	87	0	102	189
8/28/2024	16	1099.3	1170	708.4	87	0	101	188
8/28/2024	17	1099.3	1170	708.3	87	0	101	189
8/28/2024	18	1099.3	1170	708.3	87	0	100	188
8/28/2024	19	1099.3	1170	708.6	87	0	101	189
8/28/2024	20	1099.3	1160	708.7	87	0	102	189
8/28/2024	21	1099.3	1160	708.6	87	0	102	189
8/28/2024	22	1099.3	1080	708.7	87	0	101	188
8/28/2024	23	1099.3	20	708.1	88	0	101	189
8/28/2024	24	1099.3	20	707.9	88	0	101	189
8/29/2024	1	1099.3	20	707.4	87	0	100	188
8/29/2024	2	1099.3	20	707.0	87	0	100	187
8/29/2024	3	1099.3	20	706.7	87	0	99	186
8/29/2024	4	1099.3	20	706.7	87	0	99	187
8/29/2024	5	1099.3	20	706.7	87	0	99	186
8/29/2024	6	1099.3	80	706.6	155	0	99	254
8/29/2024	7	1099.3	1170	707.5	165	0	99	264
8/29/2024	8	1099.3	1160	707.6	151	0	24	176
8/29/2024	9	1099.3	1170	707.8	145	0	0	145
8/29/2024	10	1099.3	1170	708.1	129	0	0	129
8/29/2024	11	1099.3	1170	708.4	113	0	0	113
8/29/2024	12	1099.3	1170	708.5	96	0	0	96
8/29/2024	13	1099.3	1170	708.6	87	0	0	87
8/29/2024	14	1099.3	1180	708.7	87	0	0	87
8/29/2024	15	1099.3	1180	708.7	87	0	0	87
8/29/2024	16	1099.3	1170	709.0	88	0	0	88
8/29/2024	17	1099.2	1180	709.0	88	0	0	88
8/29/2024	18	1099.2	1180	709.0	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)
8/29/2024	19	1099.2	1170	709.3	87	0	0	87
8/29/2024	20	1099.2	1170	709.3	87	0	0	87
8/29/2024	21	1099.2	1170	709.2	87	0	0	87
8/29/2024	22	1099.2	1090	709.1	87	0	0	87
8/29/2024	23	1099.3	20	708.6	88	0	0	88
8/29/2024	24	1099.3	20	707.7	88	0	0	88
8/30/2024	1	1099.2	20	707.5	87	0	0	87
8/30/2024	2	1099.2	20	707.2	87	0	0	87
8/30/2024	3	1099.3	20	707.0	88	0	0	88
8/30/2024	4	1099.3	20	707.1	88	0	0	88
8/30/2024	5	1099.3	20	707.6	88	0	0	88
8/30/2024	6	1099.3	370	707.8	88	0	0	88
8/30/2024	7	1099.3	2310	708.6	87	0	0	87
8/30/2024	8	1099.3	2300	708.6	87	0	0	87
8/30/2024	9	1099.3	2330	708.6	87	0	0	87
8/30/2024	10	1099.2	2320	708.5	88	0	0	88
8/30/2024	11	1099.2	2310	708.6	88	0	0	88
8/30/2024	12	1099.2	2310	708.7	87	0	0	88
8/30/2024	13	1099.2	2340	708.7	87	0	0	88
8/30/2024	14	1099.2	2340	708.6	87	0	0	87
8/30/2024	15	1099.2	2340	708.6	88	0	74	161
8/30/2024	16	1099.2	2340	708.8	87	0	97	184
8/30/2024	17	1099.2	2350	708.9	87	0	97	184
8/30/2024	18	1099.2	2340	709.3	87	0	97	184
8/30/2024	19	1099.2	2320	709.9	87	0	98	185
8/30/2024	20	1099.2	2320	709.9	87	0	98	186
8/30/2024	21	1099.2	2340	710.2	87	0	99	186
8/30/2024	22	1099.2	2290	710.5	87	0	99	186
8/30/2024	23	1099.2	110	710.2	88	0	99	187
8/30/2024	24	1099.2	20	710.2	87	0	99	186
8/31/2024	1	1099.2	20	709.8	87	0	98	185
8/31/2024	2	1099.2	20	708.8	87	0	98	184
8/31/2024	3	1099.2	20	708.2	87	0	96	183
8/31/2024	4	1099.2	20	707.9	87	0	96	183
8/31/2024	5	1099.2	20	707.9	87	0	97	184
8/31/2024	6	1099.2	150	707.9	87	0	97	183
8/31/2024	7	1099.2	2310	708.6	86	0	97	183
8/31/2024	8	1099.2	2310	708.6	88	0	97	185
8/31/2024	9	1099.2	2340	708.6	87	0	97	185
8/31/2024	10	1099.2	2340	708.7	88	0	97	185
8/31/2024	11	1099.1	2360	708.9	87	0	98	185
8/31/2024	12	1099.1	2330	709.0	87	0	99	186
8/31/2024	13	1099.1	2340	709.0	87	0	99	186
8/31/2024	14	1099.1	2350	709.1	87	0	99	187
8/31/2024	15	1099.1	2350	709.2	87	0	99	186
8/31/2024	16	1099.1	2350	709.4	88	0	99	187

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)
8/31/2024	17	1099.1	2360	709.6	87	0	100	187
8/31/2024	18	1099.1	2350	709.8	87	0	99	187
8/31/2024	19	1099.1	2330	709.9	88	0	99	187
8/31/2024	20	1099.1	2320	710.0	87	0	98	186
8/31/2024	21	1099.1	2330	709.6	87	0	98	186
8/31/2024	22	1099.1	2260	709.1	87	0	98	185
8/31/2024	23	1099.1	70	708.7	88	0	97	185
8/31/2024	24	1099.1	20	708.0	87	0	97	184