

Kate Taylor

From: Scott Hopkins
Sent: Tuesday, October 25, 2022 10:39 AM
To: 'Ashley Rawhouser'; 'bgoedde@cityofchelan.us'; 'Breean Zimmerman'; 'Carl Merkle'; 'Marcie Clement'; 'David Bowen'; 'Emily Johnson'; 'Graham Simon'; 'Hugh Anthony'; 'Justin Yeager'; 'Kari Grover Wier'; 'Mark Peterschmidt'; 'Jeff Osborn'; 'Phil Archibald'; 'robin@mansonparks.com'; 'Ryan.Layton@parks.wa.gov'; 'Michelle Smith'; 'Thomas O'Keefe'; 'Bill Towey'; 'Travis Maitland'; 'Charles Von Reis'; 'Mayfield, Mariah - FS'; 'Kevin Wright'; 'Esh, Nathan'; 'randi_riggs@fws.gov'; 'jamesurness@hotmail.com'; 'wfarris@cityofchelan.us'; 'Cole, Adam (RCO)'; 'blod@yakamafish-nsn.gov'; 'bret.nine@colvilletribes.com'; 'NaturalResources@ctuir.org'; 'keith.primm@ecy.wa.gov'; 'Janel Ulrich'; 'Gilbert, Joseph C'; 'colleen.foster@parks.wa.gov'; 'Judy Neibauer'; 'Bell, Josh (PARKS)'
Cc: Martha Whiteman; Kate Taylor; Todd West
Subject: 2022 Chelan River Flow Monitoring Data - September Reports
Attachments: 2022 Hourly Flow Data September Report.pdf; 2022 Daily Average Flow Data September Report.pdf
Categories: FileNet Work

PUBLIC UTILITY DISTRICT NO. 1 of CHELAN COUNTY
P.O. Box 1231, Wenatchee, WA 98807-1231 • 327 N. Wenatchee Ave., Wenatchee, WA 98801
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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 II
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)

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 2022. These reports contain data for surface elevations at the Chelan Dam Forebay and Powerhouse Tailrace, and flows from the Powerhouse, Low Level Outlet, 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 II
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)
9/1/2022	1099.1	1596	709.2	85	0	98	183
9/2/2022	1099.1	1578	708.6	85	0	98	183
9/3/2022	1099.0	1574	708.8	85	0	98	183
9/4/2022	1099.0	10	708.4	85	0	97	182
9/5/2022	1099.1	1594	709.1	85	0	98	183
9/6/2022	1099.0	1540	709.3	85	0	99	184
9/7/2022	1098.9	1793	709.5	85	0	98	183
9/8/2022	1098.8	2376	709.3	85	0	99	184
9/9/2022	1098.7	2380	709.1	85	0	99	184
9/10/2022	1098.5	2379	709.0	85	0	99	184
9/11/2022	1098.4	2360	709.0	85	0	99	184
9/12/2022	1098.3	2328	709.2	85	0	98	183
9/13/2022	1098.2	2340	708.8	85	0	98	183
9/14/2022	1098.1	2375	708.9	85	0	98	184
9/15/2022	1098.0	2320	708.9	85	0	98	184
9/16/2022	1098.0	1525	708.5	85	0	96	181
9/17/2022	1097.9	1555	708.4	230	0	81	311
9/18/2022	1097.8	10	708.2	332	0	71	403
9/19/2022	1097.8	1305	708.1	208	0	85	293
9/20/2022	1097.7	1548	708.2	85	0	98	183
9/21/2022	1097.6	552	707.4	85	0	96	181
9/22/2022	1097.6	576	707.8	85	0	96	181
9/23/2022	1097.6	547	708.1	85	0	97	182
9/24/2022	1097.5	723	707.9	85	0	97	182
9/25/2022	1097.5	10	708.3	85	0	97	182
9/26/2022	1097.5	555	708.3	101	0	36	137
9/27/2022	1097.5	551	708.4	85	0	55	140
9/28/2022	1097.5	553	708.0	85	0	98	183
9/29/2022	1097.5	553	708.1	85	0	98	183
9/30/2022	1097.5	620	707.3	85	0	97	182

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)
9/1/2022	1	1099.2	10	708.8	85	0	97	182
9/1/2022	2	1099.2	10	709.5	85	0	98	182
9/1/2022	3	1099.2	10	708.9	85	0	97	182
9/1/2022	4	1099.2	10	708.4	85	0	97	183
9/1/2022	5	1099.2	10	708.2	85	0	97	182
9/1/2022	6	1099.2	30	708.8	85	0	98	183
9/1/2022	7	1099.2	2270	709.4	85	0	98	183
9/1/2022	8	1099.2	2380	709.5	85	0	99	184
9/1/2022	9	1099.1	2370	709.3	85	0	99	184
9/1/2022	10	1099.2	2370	709.2	85	0	99	184
9/1/2022	11	1099.2	2390	709.0	85	0	99	184
9/1/2022	12	1099.1	2380	709.1	85	0	98	183
9/1/2022	13	1099.1	2380	709.1	85	0	99	184
9/1/2022	14	1099.1	2390	709.1	85	0	98	183
9/1/2022	15	1099.1	2390	709.3	85	0	99	184
9/1/2022	16	1099.1	2390	709.4	85	0	99	184
9/1/2022	17	1099.1	2380	709.8	85	0	99	184
9/1/2022	18	1099.1	2380	709.7	85	0	99	184
9/1/2022	19	1099.1	2380	709.9	85	0	99	184
9/1/2022	20	1099.1	2370	710.1	85	0	98	184
9/1/2022	21	1099.1	2380	709.6	85	0	98	183
9/1/2022	22	1099.1	2380	709.5	85	0	99	184
9/1/2022	23	1099.1	250	708.6	85	0	99	184
9/1/2022	24	1099.1	0	708.1	85	0	97	182
9/2/2022	1	1099.1	0	707.7	85	0	97	182
9/2/2022	2	1099.1	10	707.5	85	0	97	182
9/2/2022	3	1099.1	0	707.9	85	0	97	182
9/2/2022	4	1099.1	10	707.8	85	0	97	182
9/2/2022	5	1099.1	0	707.7	85	0	97	182
9/2/2022	6	1099.1	10	707.9	85	0	97	182
9/2/2022	7	1099.1	2010	708.7	85	0	98	183
9/2/2022	8	1099.1	2380	708.7	85	0	98	183
9/2/2022	9	1099.1	2380	708.9	85	0	98	183
9/2/2022	10	1099.1	2380	709.1	85	0	99	184
9/2/2022	11	1099.1	2390	709.2	85	0	99	185
9/2/2022	12	1099.1	2390	709.2	85	0	99	184
9/2/2022	13	1099.1	2390	709.1	85	0	100	185
9/2/2022	14	1099.1	2380	709.0	85	0	100	185
9/2/2022	15	1099.1	2380	709.0	85	0	100	184
9/2/2022	16	1099.1	2370	709.1	85	0	100	185
9/2/2022	17	1099.1	2360	709.0	85	0	99	185
9/2/2022	18	1099.1	2370	709.1	85	0	100	185
9/2/2022	19	1099.1	2380	708.9	85	0	99	183
9/2/2022	20	1099.0	2370	708.8	85	0	98	183
9/2/2022	21	1099.1	2360	708.7	85	0	98	183
9/2/2022	22	1099.1	2370	708.8	85	0	98	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)
9/2/2022	23	1099.1	160	708.4	85	0	98	183
9/2/2022	24	1099.1	10	709.1	85	0	98	183
9/3/2022	1	1099.1	10	709.6	85	0	99	184
9/3/2022	2	1099.1	10	709.6	85	0	99	184
9/3/2022	3	1099.1	10	709.5	85	0	99	184
9/3/2022	4	1099.1	10	709.3	85	0	99	184
9/3/2022	5	1099.1	10	709.2	85	0	98	183
9/3/2022	6	1099.1	20	708.8	85	0	99	183
9/3/2022	7	1099.1	2240	709.3	85	0	99	184
9/3/2022	8	1099.0	2370	709.4	85	0	99	184
9/3/2022	9	1099.0	2380	709.2	85	0	99	184
9/3/2022	10	1099.0	2380	709.0	85	0	98	183
9/3/2022	11	1099.0	2390	708.9	85	0	98	183
9/3/2022	12	1099.0	2380	708.9	85	0	98	184
9/3/2022	13	1099.0	2360	708.8	85	0	98	183
9/3/2022	14	1099.0	2370	708.8	85	0	98	183
9/3/2022	15	1099.0	2370	708.7	85	0	97	182
9/3/2022	16	1099.0	2330	708.6	85	0	98	183
9/3/2022	17	1099.0	2310	708.5	85	0	99	183
9/3/2022	18	1099.0	2350	708.6	85	0	98	183
9/3/2022	19	1099.0	2320	708.5	85	0	98	183
9/3/2022	20	1099.0	2300	708.5	85	0	98	183
9/3/2022	21	1099.0	2310	708.5	85	0	98	183
9/3/2022	22	1099.0	2320	708.6	85	0	98	183
9/3/2022	23	1099.0	210	707.8	85	0	97	182
9/3/2022	24	1099.0	10	707.4	85	0	96	181
9/4/2022	1	1099.0	10	707.9	85	0	97	182
9/4/2022	2	1099.0	10	708.3	85	0	96	182
9/4/2022	3	1099.0	10	708.1	85	0	96	182
9/4/2022	4	1099.0	10	707.8	85	0	96	182
9/4/2022	5	1099.0	10	708.0	85	0	96	181
9/4/2022	6	1099.0	10	707.9	85	0	96	181
9/4/2022	7	1099.0	10	707.8	85	0	96	181
9/4/2022	8	1099.0	10	707.6	85	0	97	182
9/4/2022	9	1099.0	10	707.7	85	0	97	182
9/4/2022	10	1099.0	10	707.9	85	0	97	182
9/4/2022	11	1099.0	10	708.0	85	0	98	182
9/4/2022	12	1099.0	10	708.2	85	0	98	183
9/4/2022	13	1099.0	10	708.3	85	0	98	182
9/4/2022	14	1099.0	10	708.5	85	0	97	182
9/4/2022	15	1099.0	10	708.9	85	0	98	183
9/4/2022	16	1099.0	10	708.9	85	0	97	182
9/4/2022	17	1099.0	10	709.1	85	0	96	182
9/4/2022	18	1099.1	10	709.3	85	0	96	181
9/4/2022	19	1099.1	10	709.2	85	0	97	182
9/4/2022	20	1099.0	10	709.1	85	0	97	182

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)
9/4/2022	21	1099.0	10	709.0	85	0	97	182
9/4/2022	22	1099.1	10	709.0	85	0	96	181
9/4/2022	23	1099.1	10	708.8	85	0	97	182
9/4/2022	24	1099.1	10	708.4	85	0	96	181
9/5/2022	1	1099.1	10	708.1	85	0	97	182
9/5/2022	2	1099.1	10	708.5	85	0	97	182
9/5/2022	3	1099.1	10	708.4	85	0	98	183
9/5/2022	4	1099.1	10	708.4	85	0	97	182
9/5/2022	5	1099.1	10	708.0	85	0	96	181
9/5/2022	6	1099.1	210	708.1	85	0	97	182
9/5/2022	7	1099.1	2390	708.8	85	0	98	183
9/5/2022	8	1099.1	2390	708.8	85	0	98	183
9/5/2022	9	1099.1	2380	708.9	85	0	96	182
9/5/2022	10	1099.1	2380	708.9	85	0	97	182
9/5/2022	11	1099.1	2390	708.9	85	0	97	182
9/5/2022	12	1099.1	2390	709.0	85	0	98	183
9/5/2022	13	1099.1	2390	709.1	85	0	99	183
9/5/2022	14	1099.0	2390	709.6	85	0	100	185
9/5/2022	15	1099.0	2390	709.8	85	0	100	185
9/5/2022	16	1099.1	2390	710.1	85	0	99	184
9/5/2022	17	1099.0	2390	709.9	85	0	99	184
9/5/2022	18	1099.0	2400	709.9	85	0	99	184
9/5/2022	19	1099.0	2390	710.1	85	0	99	184
9/5/2022	20	1099.0	2370	710.0	85	0	99	184
9/5/2022	21	1099.0	2370	709.8	85	0	99	184
9/5/2022	22	1099.0	2170	709.6	85	0	99	184
9/5/2022	23	1099.0	10	709.0	85	0	98	183
9/5/2022	24	1099.0	10	708.9	85	0	98	183
9/6/2022	1	1099.0	10	708.9	85	0	99	184
9/6/2022	2	1099.0	10	708.6	85	0	98	183
9/6/2022	3	1099.0	10	708.9	85	0	98	183
9/6/2022	4	1099.0	10	709.1	85	0	98	183
9/6/2022	5	1099.0	10	708.9	85	0	98	183
9/6/2022	6	1099.0	10	708.7	85	0	97	182
9/6/2022	7	1099.0	1320	709.0	85	0	98	184
9/6/2022	8	1099.0	2380	708.7	85	0	98	183
9/6/2022	9	1099.0	2380	708.7	85	0	98	183
9/6/2022	10	1099.0	2380	708.7	85	0	98	184
9/6/2022	11	1099.0	2390	708.8	85	0	99	184
9/6/2022	12	1099.0	2380	708.9	85	0	98	183
9/6/2022	13	1099.0	2370	709.1	85	0	99	184
9/6/2022	14	1099.0	2380	709.6	85	0	100	185
9/6/2022	15	1099.0	2390	710.0	85	0	100	185
9/6/2022	16	1098.9	2390	710.1	85	0	100	185
9/6/2022	17	1098.9	2380	710.1	85	0	100	185
9/6/2022	18	1099.0	2380	709.8	85	0	99	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)
9/6/2022	19	1099.0	2380	709.8	85	0	100	184
9/6/2022	20	1098.9	2380	709.8	85	0	100	185
9/6/2022	21	1098.9	2360	709.8	85	0	100	185
9/6/2022	22	1098.9	2230	709.4	85	0	99	184
9/6/2022	23	1099.0	30	709.3	85	0	99	184
9/6/2022	24	1098.9	10	709.5	85	0	99	184
9/7/2022	1	1098.9	10	709.5	85	0	99	184
9/7/2022	2	1098.9	10	709.4	85	0	99	183
9/7/2022	3	1098.9	10	708.9	85	0	98	183
9/7/2022	4	1098.9	10	707.8	85	0	97	182
9/7/2022	5	1098.9	10	707.7	85	0	97	182
9/7/2022	6	1098.9	180	707.5	85	0	97	182
9/7/2022	7	1098.9	2380	708.8	85	0	98	183
9/7/2022	8	1098.9	2380	709.1	85	0	99	183
9/7/2022	9	1098.9	2370	709.7	85	0	99	184
9/7/2022	10	1098.9	2380	710.1	85	0	99	185
9/7/2022	11	1098.9	2380	710.0	85	0	99	184
9/7/2022	12	1098.9	2380	709.8	85	0	99	184
9/7/2022	13	1098.9	2390	709.8	85	0	100	184
9/7/2022	14	1098.9	2380	710.0	85	0	98	183
9/7/2022	15	1098.9	2380	710.2	85	0	99	183
9/7/2022	16	1098.9	2380	710.3	85	0	98	183
9/7/2022	17	1098.9	2380	710.5	85	0	98	183
9/7/2022	18	1098.9	2370	710.5	85	0	98	183
9/7/2022	19	1098.9	2370	710.5	85	0	98	183
9/7/2022	20	1098.9	2380	709.9	85	0	97	182
9/7/2022	21	1098.9	2370	709.8	85	0	97	182
9/7/2022	22	1098.9	2370	709.8	85	0	98	183
9/7/2022	23	1098.9	2380	709.8	85	0	99	184
9/7/2022	24	1098.9	2370	709.7	85	0	99	184
9/8/2022	1	1098.9	2370	709.5	85	0	99	184
9/8/2022	2	1098.9	2360	708.9	85	0	98	183
9/8/2022	3	1098.9	2370	708.8	85	0	98	183
9/8/2022	4	1098.9	2360	708.7	85	0	98	184
9/8/2022	5	1098.9	2390	708.8	85	0	98	183
9/8/2022	6	1098.9	2390	708.7	85	0	99	184
9/8/2022	7	1098.9	2370	708.9	85	0	99	184
9/8/2022	8	1098.9	2370	709.0	85	0	99	184
9/8/2022	9	1098.9	2370	709.0	85	0	99	184
9/8/2022	10	1098.9	2370	709.2	85	0	99	184
9/8/2022	11	1098.9	2370	709.9	85	0	100	185
9/8/2022	12	1098.9	2380	710.0	85	0	100	185
9/8/2022	13	1098.8	2390	709.8	85	0	99	184
9/8/2022	14	1098.8	2390	709.6	85	0	100	185
9/8/2022	15	1098.8	2380	709.4	85	0	100	185
9/8/2022	16	1098.8	2380	709.4	85	0	100	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)
9/8/2022	17	1098.8	2380	709.3	85	0	100	185
9/8/2022	18	1098.8	2380	709.5	85	0	100	185
9/8/2022	19	1098.8	2380	709.3	85	0	99	184
9/8/2022	20	1098.8	2380	709.4	85	0	100	185
9/8/2022	21	1098.8	2380	709.4	85	0	99	184
9/8/2022	22	1098.8	2370	709.3	85	0	99	184
9/8/2022	23	1098.8	2370	709.2	85	0	99	184
9/8/2022	24	1098.7	2370	709.4	85	0	99	184
9/9/2022	1	1098.7	2390	709.1	85	0	98	184
9/9/2022	2	1098.7	2380	708.9	85	0	98	183
9/9/2022	3	1098.7	2380	708.8	85	0	98	183
9/9/2022	4	1098.7	2380	709.2	85	0	99	184
9/9/2022	5	1098.7	2390	709.2	85	0	98	183
9/9/2022	6	1098.7	2380	709.2	85	0	98	184
9/9/2022	7	1098.7	2380	709.4	85	0	99	184
9/9/2022	8	1098.7	2360	709.2	85	0	99	183
9/9/2022	9	1098.7	2380	709.3	85	0	98	183
9/9/2022	10	1098.7	2380	709.1	85	0	99	184
9/9/2022	11	1098.7	2380	709.0	85	0	100	184
9/9/2022	12	1098.7	2360	708.8	85	0	100	185
9/9/2022	13	1098.6	2380	709.0	85	0	100	185
9/9/2022	14	1098.6	2380	708.8	85	0	100	185
9/9/2022	15	1098.6	2380	709.0	85	0	100	185
9/9/2022	16	1098.6	2370	709.1	85	0	101	185
9/9/2022	17	1098.6	2390	709.3	85	0	101	186
9/9/2022	18	1098.6	2380	709.2	85	0	101	186
9/9/2022	19	1098.6	2380	708.9	85	0	100	185
9/9/2022	20	1098.6	2380	709.1	85	0	99	184
9/9/2022	21	1098.6	2380	709.3	85	0	99	184
9/9/2022	22	1098.6	2380	709.5	85	0	100	185
9/9/2022	23	1098.6	2390	709.5	85	0	100	185
9/9/2022	24	1098.6	2380	709.8	85	0	100	185
9/10/2022	1	1098.6	2390	709.6	85	0	99	184
9/10/2022	2	1098.6	2380	709.1	85	0	99	184
9/10/2022	3	1098.5	2380	708.9	85	0	99	184
9/10/2022	4	1098.5	2370	708.9	85	0	99	183
9/10/2022	5	1098.5	2380	708.9	85	0	98	184
9/10/2022	6	1098.5	2380	708.8	85	0	98	183
9/10/2022	7	1098.5	2380	708.8	85	0	98	184
9/10/2022	8	1098.5	2380	708.8	85	0	98	183
9/10/2022	9	1098.5	2380	708.9	85	0	98	184
9/10/2022	10	1098.5	2380	708.9	85	0	99	184
9/10/2022	11	1098.5	2360	708.9	85	0	99	183
9/10/2022	12	1098.5	2370	708.9	85	0	100	185
9/10/2022	13	1098.5	2380	708.8	85	0	100	185
9/10/2022	14	1098.5	2370	708.8	85	0	100	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)
9/10/2022	15	1098.5	2390	708.9	85	0	100	185
9/10/2022	16	1098.5	2380	708.9	85	0	100	185
9/10/2022	17	1098.5	2380	709.2	85	0	100	185
9/10/2022	18	1098.5	2380	709.2	85	0	99	185
9/10/2022	19	1098.5	2370	709.3	85	0	100	184
9/10/2022	20	1098.5	2380	709.1	85	0	99	185
9/10/2022	21	1098.5	2380	709.2	85	0	99	184
9/10/2022	22	1098.5	2380	709.3	85	0	99	184
9/10/2022	23	1098.5	2380	709.5	85	0	100	184
9/10/2022	24	1098.5	2390	709.4	85	0	99	184
9/11/2022	1	1098.5	2390	708.9	85	0	99	183
9/11/2022	2	1098.5	2380	708.7	85	0	98	183
9/11/2022	3	1098.5	2380	708.7	85	0	98	183
9/11/2022	4	1098.5	2380	708.7	85	0	98	183
9/11/2022	5	1098.5	2380	708.7	85	0	98	183
9/11/2022	6	1098.5	2380	708.8	85	0	98	183
9/11/2022	7	1098.4	2370	708.9	85	0	98	182
9/11/2022	8	1098.4	2360	709.3	85	0	99	184
9/11/2022	9	1098.4	2370	709.3	85	0	100	184
9/11/2022	10	1098.4	2380	709.2	85	0	99	184
9/11/2022	11	1098.4	2390	709.0	85	0	99	184
9/11/2022	12	1098.4	2390	709.0	85	0	100	185
9/11/2022	13	1098.4	2380	709.0	85	0	100	185
9/11/2022	14	1098.4	2350	709.0	85	0	99	184
9/11/2022	15	1098.4	2350	709.0	85	0	99	184
9/11/2022	16	1098.4	2340	708.9	85	0	99	184
9/11/2022	17	1098.4	2350	709.2	85	0	99	184
9/11/2022	18	1098.4	2370	709.0	85	0	100	185
9/11/2022	19	1098.4	2310	709.3	85	0	99	184
9/11/2022	20	1098.4	2320	709.4	85	0	100	185
9/11/2022	21	1098.4	2310	709.3	85	0	99	184
9/11/2022	22	1098.4	2310	709.2	85	0	99	184
9/11/2022	23	1098.4	2350	708.9	85	0	98	183
9/11/2022	24	1098.4	2340	708.7	85	0	98	183
9/12/2022	1	1098.4	2340	708.5	85	0	98	183
9/12/2022	2	1098.3	2330	708.5	85	0	98	183
9/12/2022	3	1098.3	2330	708.5	86	0	98	183
9/12/2022	4	1098.3	2340	708.5	85	0	99	183
9/12/2022	5	1098.3	2340	708.6	85	0	98	183
9/12/2022	6	1098.3	2350	708.7	85	0	98	183
9/12/2022	7	1098.3	2350	709.0	85	0	98	183
9/12/2022	8	1098.3	2320	709.0	85	0	98	183
9/12/2022	9	1098.3	2320	709.1	85	0	98	183
9/12/2022	10	1098.3	2310	709.0	85	0	98	183
9/12/2022	11	1098.3	2300	709.2	85	0	98	183
9/12/2022	12	1098.3	2330	709.1	85	0	98	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)
9/12/2022	13	1098.3	2350	709.4	85	0	99	184
9/12/2022	14	1098.3	2340	709.7	85	0	98	183
9/12/2022	15	1098.3	2340	709.8	85	0	99	184
9/12/2022	16	1098.3	2330	709.9	85	0	98	183
9/12/2022	17	1098.3	2360	709.7	85	0	98	183
9/12/2022	18	1098.3	2320	709.6	85	0	100	185
9/12/2022	19	1098.3	2310	709.6	85	0	100	185
9/12/2022	20	1098.3	2310	709.5	85	0	99	184
9/12/2022	21	1098.3	2330	709.5	85	0	99	184
9/12/2022	22	1098.3	2310	709.3	85	0	98	183
9/12/2022	23	1098.2	2310	709.3	85	0	98	183
9/12/2022	24	1098.3	2300	709.2	85	0	98	183
9/13/2022	1	1098.3	2300	708.9	85	0	98	183
9/13/2022	2	1098.3	2300	709.0	85	0	98	183
9/13/2022	3	1098.2	2300	708.9	85	0	98	183
9/13/2022	4	1098.2	2310	708.9	85	0	98	183
9/13/2022	5	1098.2	2320	708.9	85	0	98	183
9/13/2022	6	1098.2	2320	708.8	85	0	98	183
9/13/2022	7	1098.2	2320	708.9	85	0	98	183
9/13/2022	8	1098.2	2330	709.0	85	0	98	183
9/13/2022	9	1098.2	2310	708.6	85	0	99	184
9/13/2022	10	1098.2	2310	708.8	85	0	98	183
9/13/2022	11	1098.2	2310	708.9	85	0	98	183
9/13/2022	12	1098.2	2330	708.8	85	0	99	184
9/13/2022	13	1098.2	2310	708.8	85	0	99	184
9/13/2022	14	1098.2	2330	708.8	85	0	99	184
9/13/2022	15	1098.2	2350	709.0	85	0	98	184
9/13/2022	16	1098.2	2380	709.1	85	0	98	183
9/13/2022	17	1098.2	2380	709.3	85	0	99	183
9/13/2022	18	1098.2	2380	708.9	85	0	98	183
9/13/2022	19	1098.2	2370	708.8	85	0	98	183
9/13/2022	20	1098.2	2390	708.8	85	0	97	182
9/13/2022	21	1098.2	2370	708.7	85	0	98	184
9/13/2022	22	1098.2	2380	708.6	85	0	97	182
9/13/2022	23	1098.2	2370	708.6	85	0	97	183
9/13/2022	24	1098.2	2380	708.6	85	0	98	183
9/14/2022	1	1098.2	2370	708.6	85	0	97	183
9/14/2022	2	1098.2	2390	708.6	85	0	98	183
9/14/2022	3	1098.2	2390	708.6	85	0	98	183
9/14/2022	4	1098.2	2380	708.7	85	0	98	183
9/14/2022	5	1098.1	2380	708.7	85	0	98	183
9/14/2022	6	1098.1	2390	708.8	85	0	98	183
9/14/2022	7	1098.1	2390	709.1	85	0	98	183
9/14/2022	8	1098.1	2370	708.9	85	0	98	183
9/14/2022	9	1098.1	2380	708.8	85	0	99	184
9/14/2022	10	1098.1	2360	708.9	85	0	99	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)
9/14/2022	11	1098.1	2380	708.9	85	0	99	184
9/14/2022	12	1098.1	2370	708.8	85	0	99	184
9/14/2022	13	1098.1	2350	708.8	85	0	98	183
9/14/2022	14	1098.1	2350	708.9	85	0	100	185
9/14/2022	15	1098.1	2380	709.0	85	0	100	185
9/14/2022	16	1098.1	2390	709.0	85	0	99	185
9/14/2022	17	1098.1	2380	709.1	85	0	100	185
9/14/2022	18	1098.1	2390	709.0	85	0	99	184
9/14/2022	19	1098.1	2380	709.0	85	0	99	184
9/14/2022	20	1098.0	2360	709.0	85	0	98	183
9/14/2022	21	1098.0	2370	709.1	85	0	98	183
9/14/2022	22	1098.1	2380	708.9	85	0	97	183
9/14/2022	23	1098.1	2360	708.8	85	0	98	183
9/14/2022	24	1098.1	2360	708.8	85	0	98	183
9/15/2022	1	1098.0	2370	708.9	85	0	98	183
9/15/2022	2	1098.0	2370	709.0	85	0	99	184
9/15/2022	3	1098.0	2340	709.1	85	0	99	184
9/15/2022	4	1098.0	2350	708.9	85	0	99	184
9/15/2022	5	1098.0	2330	709.2	85	0	100	185
9/15/2022	6	1098.0	2350	709.0	85	0	99	184
9/15/2022	7	1098.0	2340	709.2	85	0	98	183
9/15/2022	8	1098.0	2330	709.0	85	0	100	185
9/15/2022	9	1098.0	2320	708.8	85	0	99	184
9/15/2022	10	1098.0	2320	708.8	85	0	99	184
9/15/2022	11	1098.0	2320	708.7	85	0	99	184
9/15/2022	12	1098.0	2340	708.6	85	0	99	184
9/15/2022	13	1098.0	2350	708.8	85	0	98	183
9/15/2022	14	1098.0	2330	708.9	85	0	98	183
9/15/2022	15	1098.0	2340	709.0	85	0	98	183
9/15/2022	16	1098.0	2300	709.1	85	0	100	185
9/15/2022	17	1098.0	2290	709.1	85	0	98	183
9/15/2022	18	1098.0	2300	708.9	85	0	98	183
9/15/2022	19	1098.0	2290	709.0	85	0	99	183
9/15/2022	20	1098.0	2290	708.8	85	0	98	183
9/15/2022	21	1098.0	2280	708.6	85	0	97	183
9/15/2022	22	1098.0	2280	708.6	85	0	97	182
9/15/2022	23	1098.0	2270	708.6	85	0	97	183
9/15/2022	24	1098.0	2280	708.6	85	0	97	182
9/16/2022	1	1098.0	170	707.6	85	0	96	181
9/16/2022	2	1098.0	0	707.4	85	0	96	180
9/16/2022	3	1098.0	0	707.9	85	0	95	180
9/16/2022	4	1098.0	0	707.8	85	0	96	181
9/16/2022	5	1098.0	10	707.6	85	0	96	180
9/16/2022	6	1098.0	130	707.9	85	0	96	181
9/16/2022	7	1098.0	1480	708.4	85	0	96	181
9/16/2022	8	1098.0	2300	708.8	85	0	97	181

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)
9/16/2022	9	1098.0	2300	708.7	85	0	96	182
9/16/2022	10	1098.0	2300	708.8	85	0	97	182
9/16/2022	11	1098.0	2330	709.1	85	0	97	182
9/16/2022	12	1098.0	2340	709.0	85	0	96	181
9/16/2022	13	1098.0	2350	709.0	85	0	96	182
9/16/2022	14	1098.0	2340	709.3	85	0	96	181
9/16/2022	15	1098.0	2350	709.5	85	0	96	181
9/16/2022	16	1098.0	2330	709.4	85	0	95	180
9/16/2022	17	1098.0	2330	709.4	85	0	96	181
9/16/2022	18	1098.0	2360	709.4	85	0	96	181
9/16/2022	19	1098.0	2340	709.2	85	0	96	182
9/16/2022	20	1098.0	2350	709.1	85	0	96	182
9/16/2022	21	1098.0	2340	708.9	85	0	98	183
9/16/2022	22	1098.0	2140	708.6	85	0	97	182
9/16/2022	23	1098.0	10	707.2	85	0	96	182
9/16/2022	24	1098.0	10	706.6	85	0	95	180
9/17/2022	1	1098.0	10	706.9	85	0	96	180
9/17/2022	2	1097.9	10	707.4	85	0	96	181
9/17/2022	3	1098.0	10	707.0	85	0	96	181
9/17/2022	4	1097.9	10	707.4	85	0	97	182
9/17/2022	5	1097.9	10	707.7	85	0	96	182
9/17/2022	6	1097.9	140	707.7	85	0	97	182
9/17/2022	7	1097.9	2320	708.6	85	0	98	183
9/17/2022	8	1097.9	2320	708.6	85	0	97	182
9/17/2022	9	1097.9	2330	708.5	85	0	97	182
9/17/2022	10	1097.9	2330	708.6	85	0	97	182
9/17/2022	11	1097.9	2310	708.7	341	0	98	439
9/17/2022	12	1097.9	2330	708.7	375	0	83	457
9/17/2022	13	1097.9	2310	708.7	375	0	62	437
9/17/2022	14	1097.9	2330	708.8	375	0	61	436
9/17/2022	15	1097.9	2360	709.0	375	0	60	435
9/17/2022	16	1097.8	2350	709.0	370	0	59	429
9/17/2022	17	1097.8	2350	709.2	350	0	61	410
9/17/2022	18	1097.8	2360	709.2	329	0	65	394
9/17/2022	19	1097.8	2320	709.3	310	0	69	379
9/17/2022	20	1097.8	2330	709.4	295	0	72	367
9/17/2022	21	1097.8	2320	709.2	295	0	74	369
9/17/2022	22	1097.8	2140	708.9	295	0	74	369
9/17/2022	23	1097.8	10	707.9	295	0	74	369
9/17/2022	24	1097.8	10	707.5	295	0	74	369
9/18/2022	1	1097.8	10	706.9	295	0	74	369
9/18/2022	2	1097.8	10	707.3	295	0	75	369
9/18/2022	3	1097.8	10	707.7	295	0	75	370
9/18/2022	4	1097.8	10	707.8	295	0	75	370
9/18/2022	5	1097.8	10	707.7	295	0	76	371
9/18/2022	6	1097.8	10	708.0	295	0	76	371

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)
9/18/2022	7	1097.8	10	708.2	295	0	77	372
9/18/2022	8	1097.8	10	708.1	295	0	76	371
9/18/2022	9	1097.8	10	707.7	295	0	76	372
9/18/2022	10	1097.8	10	708.1	297	0	77	373
9/18/2022	11	1097.8	10	708.2	397	0	75	472
9/18/2022	12	1097.8	10	708.2	400	0	58	458
9/18/2022	13	1097.8	10	708.2	400	0	57	457
9/18/2022	14	1097.8	10	708.5	400	0	58	458
9/18/2022	15	1097.8	10	709.0	400	0	61	461
9/18/2022	16	1097.8	10	708.7	382	0	60	443
9/18/2022	17	1097.8	10	709.0	362	0	65	427
9/18/2022	18	1097.8	10	708.7	342	0	68	410
9/18/2022	19	1097.8	10	708.7	324	0	72	395
9/18/2022	20	1097.8	10	708.8	320	0	74	394
9/18/2022	21	1097.8	10	708.5	320	0	75	395
9/18/2022	22	1097.8	10	708.4	320	0	74	395
9/18/2022	23	1097.8	10	708.3	320	0	75	395
9/18/2022	24	1097.8	10	707.7	320	0	74	394
9/19/2022	1	1097.8	10	707.1	320	0	73	393
9/19/2022	2	1097.8	10	707.2	320	0	74	394
9/19/2022	3	1097.8	10	707.2	320	0	74	394
9/19/2022	4	1097.8	10	707.3	320	0	74	394
9/19/2022	5	1097.8	10	707.3	320	0	74	394
9/19/2022	6	1097.8	120	707.6	320	0	74	394
9/19/2022	7	1097.8	1080	708.1	316	0	73	389
9/19/2022	8	1097.8	1080	707.9	296	0	72	368
9/19/2022	9	1097.8	1080	707.6	275	0	74	350
9/19/2022	10	1097.8	1110	708.0	255	0	77	332
9/19/2022	11	1097.8	1120	707.8	234	0	79	313
9/19/2022	12	1097.8	2310	708.5	214	0	83	297
9/19/2022	13	1097.8	2350	708.7	199	0	85	284
9/19/2022	14	1097.8	2350	708.6	183	0	87	270
9/19/2022	15	1097.8	2350	708.6	166	0	89	255
9/19/2022	16	1097.8	2340	708.6	151	0	91	241
9/19/2022	17	1097.8	2330	708.6	137	0	93	231
9/19/2022	18	1097.8	2350	708.6	121	0	95	216
9/19/2022	19	1097.7	2330	708.8	105	0	97	202
9/19/2022	20	1097.7	2330	708.9	89	0	97	187
9/19/2022	21	1097.7	2330	708.8	85	0	99	184
9/19/2022	22	1097.7	2260	709.0	85	0	99	184
9/19/2022	23	1097.7	30	708.0	85	0	98	183
9/19/2022	24	1097.7	10	707.5	85	0	98	183
9/20/2022	1	1097.7	10	707.6	85	0	97	182
9/20/2022	2	1097.7	10	707.3	85	0	97	182
9/20/2022	3	1097.7	10	707.2	85	0	98	183
9/20/2022	4	1097.7	10	707.6	85	0	97	182

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)
9/20/2022	5	1097.7	10	707.8	85	0	97	182
9/20/2022	6	1097.7	50	707.8	85	0	97	182
9/20/2022	7	1097.8	2230	708.7	85	0	98	183
9/20/2022	8	1097.8	2320	708.7	85	0	98	183
9/20/2022	9	1097.7	2320	708.6	85	0	98	183
9/20/2022	10	1097.7	2330	708.8	85	0	99	185
9/20/2022	11	1097.7	2320	708.7	85	0	100	185
9/20/2022	12	1097.7	2350	708.6	85	0	99	184
9/20/2022	13	1097.7	2350	708.6	85	0	99	184
9/20/2022	14	1097.7	2330	708.5	85	0	99	184
9/20/2022	15	1097.7	2320	708.5	85	0	99	184
9/20/2022	16	1097.7	2320	708.5	85	0	99	184
9/20/2022	17	1097.6	2340	708.5	85	0	100	184
9/20/2022	18	1097.6	2340	708.5	85	0	99	184
9/20/2022	19	1097.6	2350	708.6	85	0	99	184
9/20/2022	20	1097.6	2320	708.6	85	0	98	183
9/20/2022	21	1097.6	2310	708.5	85	0	98	183
9/20/2022	22	1097.6	2180	708.5	85	0	98	184
9/20/2022	23	1097.6	10	707.1	85	0	97	182
9/20/2022	24	1097.6	10	707.1	85	0	96	181
9/21/2022	1	1097.6	10	707.1	85	0	96	181
9/21/2022	2	1097.6	10	706.9	85	0	96	181
9/21/2022	3	1097.6	10	706.9	85	0	96	181
9/21/2022	4	1097.6	10	706.8	85	0	96	181
9/21/2022	5	1097.6	10	706.9	85	0	95	181
9/21/2022	6	1097.6	80	707.2	85	0	96	181
9/21/2022	7	1097.6	830	707.6	85	0	96	182
9/21/2022	8	1097.6	820	707.5	85	0	97	182
9/21/2022	9	1097.6	820	707.2	85	0	96	182
9/21/2022	10	1097.6	820	707.4	85	0	97	182
9/21/2022	11	1097.6	820	707.5	85	0	96	181
9/21/2022	12	1097.6	820	707.6	85	0	97	182
9/21/2022	13	1097.6	820	707.4	85	0	97	182
9/21/2022	14	1097.6	820	707.4	85	0	97	181
9/21/2022	15	1097.6	810	707.5	85	0	97	182
9/21/2022	16	1097.6	810	707.6	85	0	97	182
9/21/2022	17	1097.6	820	707.5	85	0	96	181
9/21/2022	18	1097.6	820	707.7	85	0	97	182
9/21/2022	19	1097.6	820	708.3	85	0	97	182
9/21/2022	20	1097.6	820	707.8	85	0	96	181
9/21/2022	21	1097.6	820	707.5	85	0	96	182
9/21/2022	22	1097.6	800	707.4	85	0	96	181
9/21/2022	23	1097.6	10	707.0	85	0	96	181
9/21/2022	24	1097.6	10	706.9	85	0	96	181
9/22/2022	1	1097.6	10	706.7	85	0	95	180
9/22/2022	2	1097.6	10	706.7	85	0	95	180

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)
9/22/2022	3	1097.6	10	707.2	85	0	96	181
9/22/2022	4	1097.6	10	707.2	85	0	96	181
9/22/2022	5	1097.6	10	707.3	85	0	96	181
9/22/2022	6	1097.6	110	707.8	85	0	97	182
9/22/2022	7	1097.6	820	708.2	85	0	97	182
9/22/2022	8	1097.6	810	708.2	85	0	97	182
9/22/2022	9	1097.6	810	708.2	85	0	98	183
9/22/2022	10	1097.6	810	708.3	85	0	99	184
9/22/2022	11	1097.6	810	708.4	85	0	98	183
9/22/2022	12	1097.6	810	708.4	85	0	97	182
9/22/2022	13	1097.6	820	708.3	85	0	96	181
9/22/2022	14	1097.6	820	708.5	85	0	95	180
9/22/2022	15	1097.6	820	708.5	85	0	95	180
9/22/2022	16	1097.7	1490	708.6	85	0	95	180
9/22/2022	17	1097.7	820	708.5	85	0	95	180
9/22/2022	18	1097.7	830	708.5	85	0	95	180
9/22/2022	19	1097.7	820	708.3	85	0	95	179
9/22/2022	20	1097.6	820	707.8	85	0	94	179
9/22/2022	21	1097.7	820	707.5	85	0	94	179
9/22/2022	22	1097.7	710	707.2	85	0	94	179
9/22/2022	23	1097.7	10	706.8	85	0	94	179
9/22/2022	24	1097.6	10	706.9	85	0	96	180
9/23/2022	1	1097.7	10	706.8	85	0	95	180
9/23/2022	2	1097.7	10	707.3	85	0	95	180
9/23/2022	3	1097.6	10	707.8	85	0	96	182
9/23/2022	4	1097.6	10	708.0	85	0	96	181
9/23/2022	5	1097.6	10	708.3	85	0	97	182
9/23/2022	6	1097.6	40	708.6	85	0	97	183
9/23/2022	7	1097.6	810	708.9	85	0	98	183
9/23/2022	8	1097.6	810	708.8	85	0	98	183
9/23/2022	9	1097.6	810	708.7	85	0	97	182
9/23/2022	10	1097.6	820	708.5	85	0	97	182
9/23/2022	11	1097.6	810	708.3	85	0	97	182
9/23/2022	12	1097.6	820	708.1	85	0	97	182
9/23/2022	13	1097.6	820	708.4	85	0	98	183
9/23/2022	14	1097.6	810	708.2	85	0	98	183
9/23/2022	15	1097.6	820	708.2	85	0	99	184
9/23/2022	16	1097.6	820	708.4	85	0	99	184
9/23/2022	17	1097.6	820	708.8	85	0	98	183
9/23/2022	18	1097.6	820	708.7	85	0	98	183
9/23/2022	19	1097.6	810	708.7	85	0	98	184
9/23/2022	20	1097.6	810	708.2	85	0	97	182
9/23/2022	21	1097.6	820	707.9	85	0	95	180
9/23/2022	22	1097.6	780	707.7	85	0	95	180
9/23/2022	23	1097.6	10	707.1	85	0	95	180
9/23/2022	24	1097.6	10	706.5	85	0	95	180

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)
9/24/2022	1	1097.6	10	706.0	85	0	94	179
9/24/2022	2	1097.6	10	706.7	85	0	95	180
9/24/2022	3	1097.6	10	707.3	85	0	95	180
9/24/2022	4	1097.6	10	707.3	85	0	96	181
9/24/2022	5	1097.6	10	707.5	85	0	96	181
9/24/2022	6	1097.6	50	708.0	85	0	96	181
9/24/2022	7	1097.6	1080	708.5	85	0	97	182
9/24/2022	8	1097.6	1080	708.5	85	0	97	182
9/24/2022	9	1097.6	1080	708.5	85	0	98	183
9/24/2022	10	1097.5	1090	708.5	85	0	98	183
9/24/2022	11	1097.5	1080	708.2	85	0	98	183
9/24/2022	12	1097.5	1090	708.1	85	0	97	182
9/24/2022	13	1097.5	1080	707.9	85	0	98	182
9/24/2022	14	1097.5	1080	708.0	85	0	98	183
9/24/2022	15	1097.5	1090	707.8	85	0	98	183
9/24/2022	16	1097.5	1080	707.8	85	0	97	183
9/24/2022	17	1097.5	1090	708.3	85	0	99	184
9/24/2022	18	1097.5	1090	708.1	85	0	98	184
9/24/2022	19	1097.5	1080	708.5	85	0	99	184
9/24/2022	20	1097.5	1070	708.3	85	0	98	184
9/24/2022	21	1097.5	1090	708.2	85	0	98	183
9/24/2022	22	1097.5	980	708.1	85	0	97	182
9/24/2022	23	1097.5	10	707.8	85	0	97	182
9/24/2022	24	1097.5	10	707.3	85	0	96	181
9/25/2022	1	1097.5	10	706.5	85	0	95	180
9/25/2022	2	1097.5	10	707.0	85	0	96	181
9/25/2022	3	1097.5	10	707.5	85	0	96	181
9/25/2022	4	1097.5	10	707.2	85	0	96	181
9/25/2022	5	1097.5	10	707.4	85	0	96	181
9/25/2022	6	1097.5	10	707.7	85	0	96	181
9/25/2022	7	1097.5	10	707.9	85	0	96	182
9/25/2022	8	1097.5	10	707.9	85	0	97	182
9/25/2022	9	1097.5	10	707.6	85	0	96	181
9/25/2022	10	1097.5	10	707.8	85	0	97	182
9/25/2022	11	1097.5	10	708.2	85	0	97	183
9/25/2022	12	1097.5	10	708.0	85	0	96	181
9/25/2022	13	1097.5	10	708.5	85	0	97	182
9/25/2022	14	1097.5	10	708.8	85	0	97	182
9/25/2022	15	1097.5	10	709.3	85	0	98	183
9/25/2022	16	1097.5	10	709.4	85	0	97	182
9/25/2022	17	1097.5	10	709.4	85	0	97	182
9/25/2022	18	1097.5	10	709.5	85	0	97	183
9/25/2022	19	1097.5	10	709.5	85	0	98	183
9/25/2022	20	1097.5	10	709.2	85	0	98	183
9/25/2022	21	1097.5	10	709.2	85	0	97	182
9/25/2022	22	1097.6	10	708.8	85	0	97	182

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)
9/25/2022	23	1097.6	10	708.2	85	0	96	181
9/25/2022	24	1097.6	10	707.7	85	0	96	181
9/26/2022	1	1097.5	10	707.3	85	0	95	181
9/26/2022	2	1097.6	10	707.9	85	0	96	181
9/26/2022	3	1097.6	10	708.2	85	0	96	181
9/26/2022	4	1097.5	10	707.9	85	0	95	180
9/26/2022	5	1097.5	10	708.1	85	0	96	181
9/26/2022	6	1097.5	80	708.2	85	0	96	181
9/26/2022	7	1097.5	820	708.4	89	0	97	186
9/26/2022	8	1097.5	820	708.2	162	0	97	259
9/26/2022	9	1097.5	820	707.7	165	0	90	255
9/26/2022	10	1097.5	820	708.0	153	0	10	163
9/26/2022	11	1097.5	820	708.2	147	0	1	148
9/26/2022	12	1097.5	830	708.2	131	0	0	131
9/26/2022	13	1097.5	830	708.3	115	0	0	115
9/26/2022	14	1097.5	830	708.4	98	0	0	98
9/26/2022	15	1097.5	820	708.8	85	0	0	85
9/26/2022	16	1097.5	820	709.2	85	0	0	85
9/26/2022	17	1097.5	830	709.0	85	0	0	85
9/26/2022	18	1097.5	820	709.1	85	0	0	85
9/26/2022	19	1097.5	810	708.9	85	0	0	85
9/26/2022	20	1097.5	810	708.7	85	0	0	85
9/26/2022	21	1097.5	820	708.7	85	0	0	85
9/26/2022	22	1097.5	820	708.5	85	0	0	85
9/26/2022	23	1097.5	40	708.3	85	0	0	85
9/26/2022	24	1097.5	10	708.0	85	0	0	85
9/27/2022	1	1097.5	10	708.0	85	0	0	85
9/27/2022	2	1097.5	10	708.1	85	0	0	85
9/27/2022	3	1097.5	10	707.7	85	0	0	85
9/27/2022	4	1097.5	10	707.8	85	0	0	85
9/27/2022	5	1097.5	10	708.0	85	0	0	85
9/27/2022	6	1097.5	70	708.1	85	0	0	85
9/27/2022	7	1097.5	820	708.6	85	0	0	85
9/27/2022	8	1097.5	810	708.8	85	0	0	85
9/27/2022	9	1097.5	820	708.4	85	0	0	85
9/27/2022	10	1097.5	820	708.4	85	0	0	85
9/27/2022	11	1097.5	820	708.6	85	0	27	112
9/27/2022	12	1097.5	820	708.4	85	0	98	183
9/27/2022	13	1097.5	820	708.7	85	0	99	184
9/27/2022	14	1097.5	820	708.8	85	0	100	185
9/27/2022	15	1097.5	820	709.1	85	0	100	185
9/27/2022	16	1097.5	820	709.2	85	0	101	185
9/27/2022	17	1097.5	830	709.2	85	0	100	185
9/27/2022	18	1097.5	820	709.0	86	0	99	184
9/27/2022	19	1097.5	810	708.7	85	0	98	184
9/27/2022	20	1097.5	810	708.4	85	0	98	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)
9/27/2022	21	1097.5	820	708.1	86	0	98	184
9/27/2022	22	1097.5	800	707.8	85	0	97	182
9/27/2022	23	1097.5	10	707.4	85	0	97	182
9/27/2022	24	1097.5	10	707.5	85	0	97	182
9/28/2022	1	1097.5	10	707.2	85	0	96	181
9/28/2022	2	1097.5	10	707.3	85	0	96	181
9/28/2022	3	1097.5	10	707.5	85	0	97	182
9/28/2022	4	1097.5	10	707.8	85	0	98	183
9/28/2022	5	1097.5	10	708.1	85	0	98	183
9/28/2022	6	1097.5	110	709.0	85	0	99	185
9/28/2022	7	1097.5	820	709.3	85	0	99	184
9/28/2022	8	1097.5	820	709.0	85	0	99	184
9/28/2022	9	1097.5	820	708.5	85	0	99	183
9/28/2022	10	1097.5	820	708.5	85	0	99	184
9/28/2022	11	1097.5	830	708.6	85	0	99	184
9/28/2022	12	1097.5	830	708.3	85	0	98	183
9/28/2022	13	1097.5	820	708.2	85	0	98	183
9/28/2022	14	1097.5	830	708.2	85	0	98	183
9/28/2022	15	1097.5	820	708.1	85	0	97	182
9/28/2022	16	1097.5	820	708.0	85	0	97	182
9/28/2022	17	1097.5	830	708.1	85	0	97	182
9/28/2022	18	1097.5	820	708.2	85	0	98	183
9/28/2022	19	1097.5	810	707.7	85	0	96	181
9/28/2022	20	1097.5	820	707.5	85	0	97	182
9/28/2022	21	1097.5	820	707.3	85	0	97	182
9/28/2022	22	1097.5	760	707.3	85	0	97	182
9/28/2022	23	1097.5	10	707.2	85	0	96	181
9/28/2022	24	1097.5	10	707.4	85	0	96	181
9/29/2022	1	1097.5	10	707.2	85	0	96	181
9/29/2022	2	1097.5	10	708.4	85	0	98	183
9/29/2022	3	1097.5	10	708.5	85	0	98	183
9/29/2022	4	1097.5	10	708.4	85	0	98	183
9/29/2022	5	1097.5	10	708.6	85	0	98	183
9/29/2022	6	1097.5	120	708.7	85	0	98	183
9/29/2022	7	1097.5	820	709.0	85	0	98	183
9/29/2022	8	1097.5	810	709.0	85	0	99	184
9/29/2022	9	1097.5	820	708.2	85	0	98	183
9/29/2022	10	1097.5	820	709.0	85	0	99	184
9/29/2022	11	1097.5	820	708.9	85	0	99	184
9/29/2022	12	1097.5	820	708.8	85	0	100	185
9/29/2022	13	1097.5	820	708.8	85	0	101	186
9/29/2022	14	1097.5	820	708.6	85	0	101	186
9/29/2022	15	1097.5	820	708.3	85	0	101	186
9/29/2022	16	1097.5	820	708.2	85	0	100	185
9/29/2022	17	1097.5	830	708.4	85	0	101	185
9/29/2022	18	1097.5	830	708.3	85	0	100	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)
9/29/2022	19	1097.5	810	707.8	85	0	98	183
9/29/2022	20	1097.5	810	707.5	85	0	97	183
9/29/2022	21	1097.5	820	707.3	85	0	97	182
9/29/2022	22	1097.5	790	707.0	85	0	96	181
9/29/2022	23	1097.5	10	706.3	85	0	94	180
9/29/2022	24	1097.5	10	705.8	85	0	94	179
9/30/2022	1	1097.5	10	705.9	85	0	94	179
9/30/2022	2	1097.5	10	705.8	85	0	93	179
9/30/2022	3	1097.5	10	705.9	85	0	94	179
9/30/2022	4	1097.5	10	706.1	85	0	94	179
9/30/2022	5	1097.5	10	706.1	85	0	94	179
9/30/2022	6	1097.5	100	706.1	85	0	95	180
9/30/2022	7	1097.5	820	707.0	85	0	96	181
9/30/2022	8	1097.5	810	707.1	85	0	96	181
9/30/2022	9	1097.5	820	707.1	85	0	97	182
9/30/2022	10	1097.5	820	707.6	85	0	97	182
9/30/2022	11	1097.5	820	707.4	85	0	98	182
9/30/2022	12	1097.5	810	707.6	85	0	98	183
9/30/2022	13	1097.5	820	707.8	85	0	98	183
9/30/2022	14	1097.5	820	708.1	85	0	100	185
9/30/2022	15	1097.5	820	708.0	85	0	99	184
9/30/2022	16	1097.5	810	708.2	85	0	99	184
9/30/2022	17	1097.5	820	708.6	85	0	99	185
9/30/2022	18	1097.5	820	708.6	85	0	99	184
9/30/2022	19	1097.5	810	708.5	85	0	98	184
9/30/2022	20	1097.5	820	708.5	85	0	98	183
9/30/2022	21	1097.5	830	708.1	85	0	98	183
9/30/2022	22	1097.5	820	707.4	85	0	96	182
9/30/2022	23	1097.5	820	707.3	85	0	96	182
9/30/2022	24	1097.5	820	707.6	85	0	97	182