

**Kate Taylor**

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**From:** Scott Hopkins  
**Sent:** Tuesday, September 27, 2022 9:57 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; 'Pradeep Mugunthan'; Todd West  
**Subject:** 2022 Chelan River Flow Monitoring Data - August Reports  
**Attachments:** 2022 Hourly Flow Data August Report.pdf; 2022 Daily Average Flow Data August Report.pdf

PUBLIC UTILITY DISTRICT NO. 1 of CHELAN COUNTY  
P.O. Box 1231, Wenatchee, WA 98807-1231 • 327 N. Wenatchee Ave., Wenatchee, WA 98801  
(509) 663-8121 • Toll free 1-888-663-8121 • [www.chelanpud.org](http://www.chelanpud.org)

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](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 - 2022

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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 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)
8/1/2022	1099.5	2371	709.6	97	49	0	146
8/2/2022	1099.5	2372	709.6	87	0	0	87
8/3/2022	1099.5	2373	709.6	87	0	0	87
8/4/2022	1099.4	2374	709.7	87	0	28	115
8/5/2022	1099.4	2378	710.0	87	0	44	130
8/6/2022	1099.3	2377	709.1	87	0	47	134
8/7/2022	1099.2	2375	709.5	87	0	48	135
8/8/2022	1099.1	2374	709.6	87	0	48	135
8/9/2022	1099.1	1598	709.8	86	0	49	135
8/10/2022	1099.1	1600	709.2	85	0	48	133
8/11/2022	1099.1	1601	709.4	85	0	74	159
8/12/2022	1099.2	555	709.6	85	0	100	185
8/13/2022	1099.3	547	709.3	85	0	99	184
8/14/2022	1099.3	10	708.6	85	0	99	184
8/15/2022	1099.4	599	709.5	85	0	100	185
8/16/2022	1099.4	680	709.6	85	0	100	185
8/17/2022	1099.4	1592	709.8	85	0	101	186
8/18/2022	1099.4	1576	710.2	85	0	54	139
8/19/2022	1099.4	1598	709.9	85	0	67	152
8/20/2022	1099.4	1531	709.1	84	0	100	183
8/21/2022	1099.4	10	708.8	84	0	98	182
8/22/2022	1099.4	795	709.1	85	0	99	184
8/23/2022	1099.5	1159	709.3	85	0	99	184
8/24/2022	1099.4	1602	709.7	85	0	100	185
8/25/2022	1099.4	1593	709.7	99	0	40	140
8/26/2022	1099.4	1595	709.8	85	0	0	85
8/27/2022	1099.4	1577	708.8	85	0	0	85
8/28/2022	1099.3	10	708.6	85	0	0	85
8/29/2022	1099.3	1595	709.3	85	0	0	85
8/30/2022	1099.2	1610	709.0	85	0	36	121
8/31/2022	1099.2	1609	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)
8/1/2022	1	1099.5	2370	710.0	87	134	0	221
8/1/2022	2	1099.5	2380	709.9	87	134	0	221
8/1/2022	3	1099.5	2370	709.8	87	134	0	221
8/1/2022	4	1099.5	2380	709.8	87	134	0	221
8/1/2022	5	1099.5	2370	710.0	87	134	0	221
8/1/2022	6	1099.5	2380	710.2	87	134	0	221
8/1/2022	7	1099.5	2370	710.1	87	133	0	220
8/1/2022	8	1099.5	2380	709.8	87	113	0	200
8/1/2022	9	1099.5	2370	709.7	88	93	0	181
8/1/2022	10	1099.5	2370	709.4	131	33	0	164
8/1/2022	11	1099.5	2370	709.2	159	0	0	159
8/1/2022	12	1099.5	2370	708.9	144	0	0	144
8/1/2022	13	1099.5	2370	709.1	128	0	0	128
8/1/2022	14	1099.5	2380	709.4	112	0	0	112
8/1/2022	15	1099.5	2380	709.2	96	0	0	96
8/1/2022	16	1099.5	2350	709.1	87	0	0	87
8/1/2022	17	1099.5	2370	709.4	87	0	0	87
8/1/2022	18	1099.5	2360	709.6	87	0	0	87
8/1/2022	19	1099.5	2380	709.9	87	0	0	87
8/1/2022	20	1099.5	2370	709.8	87	0	0	87
8/1/2022	21	1099.5	2370	709.6	87	0	0	87
8/1/2022	22	1099.5	2380	709.4	87	0	0	87
8/1/2022	23	1099.5	2350	709.1	87	0	0	87
8/1/2022	24	1099.5	2370	709.1	87	0	0	87
8/2/2022	1	1099.5	2360	709.0	87	0	0	87
8/2/2022	2	1099.5	2370	709.0	87	0	0	87
8/2/2022	3	1099.5	2350	708.9	87	0	0	87
8/2/2022	4	1099.5	2370	708.9	87	0	0	87
8/2/2022	5	1099.5	2380	709.1	87	0	0	87
8/2/2022	6	1099.5	2380	709.2	87	0	0	87
8/2/2022	7	1099.5	2370	709.4	87	0	0	87
8/2/2022	8	1099.5	2370	709.2	87	0	0	87
8/2/2022	9	1099.5	2350	709.3	87	0	0	87
8/2/2022	10	1099.5	2370	709.3	87	0	0	87
8/2/2022	11	1099.5	2370	709.4	87	0	0	87
8/2/2022	12	1099.5	2380	709.5	87	0	0	87
8/2/2022	13	1099.5	2380	709.6	87	0	0	87
8/2/2022	14	1099.5	2370	709.6	87	0	0	87
8/2/2022	15	1099.5	2380	710.0	87	0	0	87
8/2/2022	16	1099.5	2370	710.1	87	0	0	87
8/2/2022	17	1099.5	2380	710.2	87	0	0	87
8/2/2022	18	1099.5	2380	710.2	87	0	0	87
8/2/2022	19	1099.5	2380	710.2	87	0	0	87
8/2/2022	20	1099.5	2370	710.1	87	0	0	87
8/2/2022	21	1099.5	2370	710.1	87	0	0	87
8/2/2022	22	1099.5	2370	709.9	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)
8/2/2022	23	1099.5	2380	709.7	87	0	0	87
8/2/2022	24	1099.5	2370	709.6	87	0	0	87
8/3/2022	1	1099.5	2370	709.6	87	0	0	87
8/3/2022	2	1099.5	2370	709.7	87	0	0	87
8/3/2022	3	1099.5	2370	709.8	87	0	0	87
8/3/2022	4	1099.5	2380	709.7	87	0	0	87
8/3/2022	5	1099.5	2380	709.6	87	0	0	87
8/3/2022	6	1099.5	2380	709.2	87	0	0	87
8/3/2022	7	1099.5	2370	709.2	87	0	0	87
8/3/2022	8	1099.5	2370	709.1	87	0	0	87
8/3/2022	9	1099.5	2360	709.0	87	0	0	87
8/3/2022	10	1099.5	2370	709.3	87	0	0	87
8/3/2022	11	1099.5	2350	709.3	87	0	0	87
8/3/2022	12	1099.5	2370	709.3	87	0	0	87
8/3/2022	13	1099.5	2380	709.7	87	0	0	87
8/3/2022	14	1099.5	2380	709.8	87	0	0	87
8/3/2022	15	1099.5	2380	710.0	87	0	0	87
8/3/2022	16	1099.5	2370	710.2	87	0	0	87
8/3/2022	17	1099.5	2380	710.3	87	0	0	87
8/3/2022	18	1099.5	2370	710.4	87	0	0	87
8/3/2022	19	1099.5	2380	710.2	87	0	0	87
8/3/2022	20	1099.5	2370	710.0	87	0	0	87
8/3/2022	21	1099.5	2380	710.0	87	0	0	87
8/3/2022	22	1099.5	2380	709.6	87	0	0	87
8/3/2022	23	1099.5	2360	709.4	87	0	0	87
8/3/2022	24	1099.5	2370	709.2	87	0	0	87
8/4/2022	1	1099.5	2360	709.3	87	0	0	87
8/4/2022	2	1099.5	2360	709.5	87	0	0	87
8/4/2022	3	1099.5	2370	709.6	87	0	0	87
8/4/2022	4	1099.5	2380	709.9	87	0	0	87
8/4/2022	5	1099.4	2370	710.0	87	0	0	87
8/4/2022	6	1099.4	2380	709.9	87	0	0	87
8/4/2022	7	1099.4	2370	709.7	87	0	0	87
8/4/2022	8	1099.4	2370	709.6	87	0	0	87
8/4/2022	9	1099.4	2370	709.7	87	0	36	123
8/4/2022	10	1099.4	2370	709.6	87	0	44	131
8/4/2022	11	1099.4	2380	709.3	87	0	43	130
8/4/2022	12	1099.4	2390	709.2	87	0	44	131
8/4/2022	13	1099.4	2370	709.2	87	0	43	130
8/4/2022	14	1099.4	2370	709.5	87	0	44	131
8/4/2022	15	1099.4	2370	709.5	87	0	44	131
8/4/2022	16	1099.5	2380	709.5	87	0	44	130
8/4/2022	17	1099.5	2380	709.4	87	0	44	131
8/4/2022	18	1099.5	2370	709.4	87	0	43	130
8/4/2022	19	1099.5	2380	709.6	87	0	42	129
8/4/2022	20	1099.5	2390	709.7	87	0	41	128

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)
8/4/2022	21	1099.5	2370	710.2	87	0	39	127
8/4/2022	22	1099.4	2370	710.4	87	0	38	125
8/4/2022	23	1099.4	2380	710.7	87	0	41	128
8/4/2022	24	1099.4	2380	710.9	87	0	40	127
8/5/2022	1	1099.4	2380	711.0	87	0	40	127
8/5/2022	2	1099.4	2380	710.8	87	0	40	127
8/5/2022	3	1099.4	2390	710.5	87	0	40	127
8/5/2022	4	1099.4	2390	710.4	87	0	41	128
8/5/2022	5	1099.4	2390	710.4	87	0	40	127
8/5/2022	6	1099.4	2390	710.3	87	0	41	128
8/5/2022	7	1099.4	2380	710.2	87	0	41	128
8/5/2022	8	1099.4	2380	710.0	87	0	41	128
8/5/2022	9	1099.4	2380	710.1	87	0	43	130
8/5/2022	10	1099.4	2380	710.3	87	0	43	130
8/5/2022	11	1099.4	2380	710.4	87	0	43	130
8/5/2022	12	1099.4	2390	710.4	87	0	46	133
8/5/2022	13	1099.4	2380	710.4	87	0	48	135
8/5/2022	14	1099.4	2380	710.4	87	0	49	135
8/5/2022	15	1099.3	2380	710.4	87	0	47	134
8/5/2022	16	1099.3	2370	710.2	87	0	48	135
8/5/2022	17	1099.3	2370	710.1	87	0	48	135
8/5/2022	18	1099.3	2370	709.8	87	0	47	133
8/5/2022	19	1099.3	2370	709.5	87	0	46	132
8/5/2022	20	1099.3	2360	709.1	87	0	44	131
8/5/2022	21	1099.3	2380	708.9	87	0	43	130
8/5/2022	22	1099.3	2360	708.7	87	0	43	130
8/5/2022	23	1099.3	2360	708.6	87	0	42	129
8/5/2022	24	1099.3	2380	708.6	87	0	44	131
8/6/2022	1	1099.3	2390	708.6	87	0	43	130
8/6/2022	2	1099.3	2390	708.6	87	0	44	131
8/6/2022	3	1099.3	2380	708.6	87	0	45	132
8/6/2022	4	1099.3	2380	708.5	87	0	45	131
8/6/2022	5	1099.3	2380	708.6	87	0	46	133
8/6/2022	6	1099.3	2370	708.6	87	0	47	134
8/6/2022	7	1099.3	2370	708.6	87	0	47	134
8/6/2022	8	1099.3	2360	708.6	87	0	47	134
8/6/2022	9	1099.3	2370	708.6	87	0	47	134
8/6/2022	10	1099.3	2380	708.7	87	0	46	133
8/6/2022	11	1099.3	2380	709.0	87	0	48	135
8/6/2022	12	1099.3	2380	709.1	87	0	50	137
8/6/2022	13	1099.3	2370	709.3	87	0	49	136
8/6/2022	14	1099.3	2370	709.4	87	0	49	136
8/6/2022	15	1099.3	2380	709.9	87	0	48	135
8/6/2022	16	1099.3	2380	710.4	87	0	48	135
8/6/2022	17	1099.2	2380	710.5	87	0	47	134
8/6/2022	18	1099.3	2390	710.4	87	0	47	134

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)
8/6/2022	19	1099.3	2380	710.0	87	0	47	134
8/6/2022	20	1099.2	2370	709.7	87	0	46	133
8/6/2022	21	1099.3	2370	709.3	87	0	46	133
8/6/2022	22	1099.3	2360	709.1	87	0	47	134
8/6/2022	23	1099.3	2380	708.8	87	0	48	136
8/6/2022	24	1099.2	2380	709.0	87	0	47	134
8/7/2022	1	1099.3	2380	709.0	87	0	47	134
8/7/2022	2	1099.3	2370	709.1	87	0	47	134
8/7/2022	3	1099.3	2370	709.3	87	0	48	136
8/7/2022	4	1099.2	2380	709.4	87	0	47	134
8/7/2022	5	1099.2	2380	709.4	87	0	48	135
8/7/2022	6	1099.3	2370	709.4	87	0	48	135
8/7/2022	7	1099.2	2360	709.4	87	0	48	135
8/7/2022	8	1099.2	2370	709.4	87	0	49	136
8/7/2022	9	1099.2	2370	709.4	87	0	48	135
8/7/2022	10	1099.2	2380	709.3	87	0	49	135
8/7/2022	11	1099.2	2370	709.4	87	0	49	136
8/7/2022	12	1099.2	2380	709.2	87	0	49	136
8/7/2022	13	1099.2	2380	709.3	87	0	48	136
8/7/2022	14	1099.2	2380	709.6	87	0	48	135
8/7/2022	15	1099.2	2380	710.0	87	0	48	134
8/7/2022	16	1099.2	2390	710.0	87	0	48	135
8/7/2022	17	1099.2	2390	710.1	87	0	48	135
8/7/2022	18	1099.2	2380	710.1	87	0	47	134
8/7/2022	19	1099.2	2390	710.0	87	0	46	133
8/7/2022	20	1099.2	2370	709.9	87	0	45	132
8/7/2022	21	1099.2	2370	709.7	87	0	45	132
8/7/2022	22	1099.2	2370	709.5	87	0	47	134
8/7/2022	23	1099.2	2360	709.4	87	0	47	134
8/7/2022	24	1099.2	2370	709.7	87	0	49	136
8/8/2022	1	1099.2	2370	709.6	87	0	49	135
8/8/2022	2	1099.2	2380	709.9	87	0	49	136
8/8/2022	3	1099.2	2370	710.2	87	0	48	135
8/8/2022	4	1099.2	2380	710.0	87	0	49	135
8/8/2022	5	1099.2	2380	710.1	87	0	48	135
8/8/2022	6	1099.2	2380	710.1	87	0	49	135
8/8/2022	7	1099.2	2390	709.9	87	0	48	135
8/8/2022	8	1099.2	2380	709.9	87	0	48	135
8/8/2022	9	1099.2	2380	709.8	87	0	49	137
8/8/2022	10	1099.2	2380	709.9	87	0	48	135
8/8/2022	11	1099.1	2380	709.7	87	0	49	136
8/8/2022	12	1099.1	2390	709.7	87	0	50	137
8/8/2022	13	1099.1	2390	709.4	87	0	49	136
8/8/2022	14	1099.1	2380	709.1	87	0	49	136
8/8/2022	15	1099.1	2390	709.0	87	0	48	135
8/8/2022	16	1099.1	2380	708.9	87	0	48	135

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)
8/8/2022	17	1099.1	2380	709.0	87	0	48	135
8/8/2022	18	1099.1	2390	709.4	87	0	48	135
8/8/2022	19	1099.1	2390	709.6	87	0	48	134
8/8/2022	20	1099.1	2380	709.7	87	0	48	136
8/8/2022	21	1099.1	2380	709.6	87	0	49	136
8/8/2022	22	1099.1	2370	709.7	87	0	49	136
8/8/2022	23	1099.1	2370	709.5	87	0	49	136
8/8/2022	24	1099.1	2220	709.4	87	0	49	136
8/9/2022	1	1099.1	100	709.1	87	0	48	135
8/9/2022	2	1099.1	10	709.3	87	0	48	135
8/9/2022	3	1099.1	10	709.3	87	0	48	135
8/9/2022	4	1099.1	10	709.5	87	0	49	136
8/9/2022	5	1099.1	10	709.5	87	0	49	135
8/9/2022	6	1099.1	100	709.5	87	0	49	136
8/9/2022	7	1099.1	2250	709.8	87	0	49	136
8/9/2022	8	1099.1	2380	709.9	86	0	48	134
8/9/2022	9	1099.1	2380	710.1	85	0	48	133
8/9/2022	10	1099.1	2370	710.2	85	0	48	133
8/9/2022	11	1099.2	2380	710.2	85	0	51	136
8/9/2022	12	1099.1	2380	710.1	85	0	49	134
8/9/2022	13	1099.1	2380	710.0	85	0	48	133
8/9/2022	14	1099.1	2380	709.8	85	0	49	134
8/9/2022	15	1099.1	2380	709.8	85	0	50	135
8/9/2022	16	1099.1	2390	710.0	85	0	51	136
8/9/2022	17	1099.1	2390	710.0	85	0	51	136
8/9/2022	18	1099.1	2370	709.8	85	0	49	134
8/9/2022	19	1099.1	2380	710.0	85	0	50	135
8/9/2022	20	1099.1	2380	709.7	85	0	49	134
8/9/2022	21	1099.1	2380	709.7	85	0	49	134
8/9/2022	22	1099.1	2380	709.8	85	0	49	134
8/9/2022	23	1099.1	150	709.5	85	0	48	133
8/9/2022	24	1099.1	10	709.6	85	0	49	134
8/10/2022	1	1099.1	10	709.5	85	0	49	134
8/10/2022	2	1099.1	10	708.9	85	0	48	132
8/10/2022	3	1099.1	10	708.7	85	0	48	132
8/10/2022	4	1099.1	10	708.5	85	0	48	133
8/10/2022	5	1099.1	10	708.3	85	0	47	132
8/10/2022	6	1099.1	190	708.5	85	0	48	133
8/10/2022	7	1099.1	2370	709.0	85	0	49	133
8/10/2022	8	1099.2	2380	708.7	85	0	46	131
8/10/2022	9	1099.1	2380	708.6	85	0	46	131
8/10/2022	10	1099.1	2370	708.6	85	0	47	132
8/10/2022	11	1099.1	2380	708.6	85	0	50	135
8/10/2022	12	1099.1	2370	708.6	85	0	50	135
8/10/2022	13	1099.1	2380	708.7	85	0	49	134
8/10/2022	14	1099.1	2370	708.9	85	0	49	135



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)
8/10/2022	15	1099.1	2380	709.4	85	0	50	135
8/10/2022	16	1099.1	2370	709.6	85	0	47	132
8/10/2022	17	1099.1	2380	709.7	85	0	46	131
8/10/2022	18	1099.1	2370	709.9	85	0	46	132
8/10/2022	19	1099.1	2370	710.0	85	0	46	131
8/10/2022	20	1099.1	2370	710.1	85	0	47	132
8/10/2022	21	1099.1	2380	710.2	85	0	47	132
8/10/2022	22	1099.2	2360	710.1	85	0	47	132
8/10/2022	23	1099.1	170	709.6	85	0	49	134
8/10/2022	24	1099.1	10	709.5	85	0	48	133
8/11/2022	1	1099.2	10	709.3	85	0	48	133
8/11/2022	2	1099.2	10	709.2	85	0	48	134
8/11/2022	3	1099.1	10	709.1	85	0	47	133
8/11/2022	4	1099.1	10	708.8	85	0	47	132
8/11/2022	5	1099.2	10	708.8	85	0	46	131
8/11/2022	6	1099.2	200	708.6	85	0	47	133
8/11/2022	7	1099.2	2380	709.0	85	0	47	132
8/11/2022	8	1099.2	2360	708.9	85	0	48	133
8/11/2022	9	1099.2	2360	708.9	85	0	46	131
8/11/2022	10	1099.2	2370	709.2	85	0	48	133
8/11/2022	11	1099.2	2370	709.6	85	0	48	133
8/11/2022	12	1099.2	2380	709.9	85	0	51	136
8/11/2022	13	1099.1	2380	710.2	85	0	101	186
8/11/2022	14	1099.1	2390	710.3	85	0	102	187
8/11/2022	15	1099.1	2380	710.4	85	0	102	187
8/11/2022	16	1099.1	2380	710.4	85	0	102	187
8/11/2022	17	1099.1	2380	710.2	85	0	101	187
8/11/2022	18	1099.1	2380	709.8	85	0	101	186
8/11/2022	19	1099.1	2380	710.0	85	0	101	186
8/11/2022	20	1099.1	2380	709.9	85	0	99	185
8/11/2022	21	1099.1	2370	709.8	85	0	100	185
8/11/2022	22	1099.1	2370	709.4	85	0	100	185
8/11/2022	23	1099.1	150	708.6	85	0	98	183
8/11/2022	24	1099.2	10	708.7	85	0	99	183
8/12/2022	1	1099.1	10	708.5	85	0	99	184
8/12/2022	2	1099.2	10	708.5	85	0	99	184
8/12/2022	3	1099.2	10	708.6	85	0	100	185
8/12/2022	4	1099.2	10	709.0	85	0	100	185
8/12/2022	5	1099.2	10	709.4	85	0	100	186
8/12/2022	6	1099.2	120	709.8	85	0	101	185
8/12/2022	7	1099.2	850	710.1	85	0	101	186
8/12/2022	8	1099.2	820	710.2	85	0	101	186
8/12/2022	9	1099.2	820	709.7	85	0	101	186
8/12/2022	10	1099.2	820	709.6	85	0	101	186
8/12/2022	11	1099.2	820	709.5	85	0	100	186
8/12/2022	12	1099.2	820	709.6	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)
8/12/2022	13	1099.2	830	710.2	85	0	101	186
8/12/2022	14	1099.2	820	710.5	85	0	101	186
8/12/2022	15	1099.2	820	710.4	85	0	103	187
8/12/2022	16	1099.2	820	710.4	85	0	102	187
8/12/2022	17	1099.2	820	710.0	85	0	100	185
8/12/2022	18	1099.2	820	709.9	85	0	100	185
8/12/2022	19	1099.2	820	709.9	85	0	100	185
8/12/2022	20	1099.2	810	709.5	85	0	98	183
8/12/2022	21	1099.2	820	709.5	85	0	98	183
8/12/2022	22	1099.2	800	709.4	85	0	98	183
8/12/2022	23	1099.2	10	709.0	85	0	97	182
8/12/2022	24	1099.2	10	709.1	85	0	98	183
8/13/2022	1	1099.3	10	709.3	85	0	98	183
8/13/2022	2	1099.2	10	709.4	85	0	98	183
8/13/2022	3	1099.3	10	709.6	85	0	99	184
8/13/2022	4	1099.2	10	709.4	85	0	99	184
8/13/2022	5	1099.2	10	709.2	85	0	99	184
8/13/2022	6	1099.2	10	709.0	85	0	98	183
8/13/2022	7	1099.3	790	709.0	85	0	98	183
8/13/2022	8	1099.3	820	708.6	85	0	98	183
8/13/2022	9	1099.3	820	708.8	85	0	98	183
8/13/2022	10	1099.3	820	708.9	86	0	98	183
8/13/2022	11	1099.3	820	709.2	86	0	98	183
8/13/2022	12	1099.3	820	709.4	85	0	99	184
8/13/2022	13	1099.3	820	709.7	85	0	99	184
8/13/2022	14	1099.3	820	709.9	85	0	99	184
8/13/2022	15	1099.3	820	710.1	85	0	99	185
8/13/2022	16	1099.3	820	710.1	85	0	99	185
8/13/2022	17	1099.3	820	709.6	85	0	99	184
8/13/2022	18	1099.3	820	709.5	85	0	99	184
8/13/2022	19	1099.3	810	709.4	85	0	99	184
8/13/2022	20	1099.3	810	709.1	84	0	99	183
8/13/2022	21	1099.3	810	709.1	85	0	99	183
8/13/2022	22	1099.3	800	708.7	85	0	98	183
8/13/2022	23	1099.3	10	708.6	85	0	98	183
8/13/2022	24	1099.4	10	708.7	85	0	99	184
8/14/2022	1	1099.3	10	708.8	85	0	98	183
8/14/2022	2	1099.4	10	709.0	85	0	99	184
8/14/2022	3	1099.3	10	709.1	85	0	98	184
8/14/2022	4	1099.3	10	709.1	85	0	99	185
8/14/2022	5	1099.3	10	709.1	85	0	100	184
8/14/2022	6	1099.3	10	708.9	85	0	99	184
8/14/2022	7	1099.3	10	709.1	85	0	99	184
8/14/2022	8	1099.3	10	709.0	85	0	99	184
8/14/2022	9	1099.3	10	708.2	85	0	99	184
8/14/2022	10	1099.3	10	707.8	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)
8/14/2022	11	1099.3	10	707.7	85	0	98	183
8/14/2022	12	1099.3	10	707.3	85	0	97	182
8/14/2022	13	1099.3	10	707.3	85	0	98	183
8/14/2022	14	1099.3	10	707.3	85	0	97	183
8/14/2022	15	1099.3	10	707.8	85	0	97	182
8/14/2022	16	1099.3	10	708.2	85	0	97	183
8/14/2022	17	1099.4	10	708.2	85	0	98	183
8/14/2022	18	1099.3	10	708.3	85	0	98	183
8/14/2022	19	1099.3	10	708.7	85	0	98	183
8/14/2022	20	1099.4	10	708.9	85	0	99	184
8/14/2022	21	1099.4	10	709.5	85	0	99	185
8/14/2022	22	1099.4	10	709.9	85	0	100	185
8/14/2022	23	1099.4	10	709.9	85	0	100	186
8/14/2022	24	1099.4	10	709.8	85	0	100	185
8/15/2022	1	1099.4	10	709.9	85	0	100	185
8/15/2022	2	1099.4	10	709.8	85	0	100	185
8/15/2022	3	1099.4	10	709.8	85	0	100	185
8/15/2022	4	1099.4	10	709.6	85	0	99	184
8/15/2022	5	1099.4	10	709.6	85	0	100	185
8/15/2022	6	1099.4	130	709.5	85	0	100	185
8/15/2022	7	1099.4	820	709.2	85	0	100	184
8/15/2022	8	1099.4	820	708.8	85	0	100	185
8/15/2022	9	1099.4	810	708.9	85	0	100	185
8/15/2022	10	1099.4	820	708.7	85	0	99	184
8/15/2022	11	1099.4	820	709.0	85	0	100	185
8/15/2022	12	1099.4	820	709.3	85	0	100	185
8/15/2022	13	1099.4	820	709.7	85	0	102	187
8/15/2022	14	1099.4	820	709.7	85	0	101	186
8/15/2022	15	1099.4	820	710.0	85	0	101	186
8/15/2022	16	1099.4	820	710.1	86	0	101	186
8/15/2022	17	1099.4	820	710.0	85	0	101	186
8/15/2022	18	1099.4	1040	710.1	85	0	101	185
8/15/2022	19	1099.4	1130	710.0	85	0	100	185
8/15/2022	20	1099.4	1080	709.8	85	0	99	184
8/15/2022	21	1099.4	1070	709.5	85	0	99	184
8/15/2022	22	1099.4	840	709.3	85	0	99	184
8/15/2022	23	1099.4	10	709.2	85	0	100	185
8/15/2022	24	1099.4	10	708.9	85	0	99	184
8/16/2022	1	1099.4	10	708.5	85	0	99	184
8/16/2022	2	1099.4	10	708.6	85	0	99	183
8/16/2022	3	1099.4	10	708.6	85	0	99	184
8/16/2022	4	1099.4	10	708.9	85	0	100	185
8/16/2022	5	1099.4	10	709.2	85	0	99	185
8/16/2022	6	1099.4	60	709.4	85	0	99	185
8/16/2022	7	1099.4	810	709.6	85	0	100	185
8/16/2022	8	1099.4	820	709.8	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)
8/16/2022	9	1099.4	820	710.0	85	0	100	186
8/16/2022	10	1099.4	820	709.8	85	0	100	185
8/16/2022	11	1099.4	820	709.8	85	0	100	185
8/16/2022	12	1099.4	820	709.9	85	0	100	185
8/16/2022	13	1099.4	820	709.7	85	0	99	184
8/16/2022	14	1099.4	820	709.9	85	0	101	186
8/16/2022	15	1099.4	820	710.2	85	0	100	184
8/16/2022	16	1099.4	820	710.2	85	0	100	185
8/16/2022	17	1099.4	820	710.0	86	0	99	185
8/16/2022	18	1099.4	820	709.9	85	0	100	185
8/16/2022	19	1099.4	820	709.9	85	0	100	185
8/16/2022	20	1099.4	1650	710.0	85	0	100	185
8/16/2022	21	1099.4	2270	709.9	85	0	101	186
8/16/2022	22	1099.4	1580	709.7	85	0	100	185
8/16/2022	23	1099.4	40	709.5	85	0	100	185
8/16/2022	24	1099.4	10	709.5	85	0	100	186
8/17/2022	1	1099.4	10	709.3	85	0	100	185
8/17/2022	2	1099.4	10	708.9	85	0	99	184
8/17/2022	3	1099.4	10	708.7	85	0	99	184
8/17/2022	4	1099.4	10	708.4	85	0	99	184
8/17/2022	5	1099.4	10	708.3	85	0	98	183
8/17/2022	6	1099.4	220	708.7	85	0	99	184
8/17/2022	7	1099.4	2380	709.5	85	0	99	185
8/17/2022	8	1099.4	2370	709.7	85	0	100	185
8/17/2022	9	1099.4	2380	710.0	85	0	101	186
8/17/2022	10	1099.4	2390	710.3	85	0	101	186
8/17/2022	11	1099.4	2380	710.4	85	0	101	186
8/17/2022	12	1099.4	2380	710.4	85	0	101	186
8/17/2022	13	1099.4	2380	710.4	85	0	102	187
8/17/2022	14	1099.4	2390	710.4	85	0	102	187
8/17/2022	15	1099.4	2380	710.3	85	0	102	186
8/17/2022	16	1099.4	2400	710.3	85	0	102	187
8/17/2022	17	1099.4	2380	710.3	85	0	102	187
8/17/2022	18	1099.4	2390	710.3	85	0	102	187
8/17/2022	19	1099.4	2380	710.2	85	0	102	187
8/17/2022	20	1099.4	2380	710.2	85	0	102	187
8/17/2022	21	1099.4	2380	710.1	85	0	101	186
8/17/2022	22	1099.4	2150	710.1	85	0	101	186
8/17/2022	23	1099.4	40	709.7	85	0	101	186
8/17/2022	24	1099.4	10	709.6	85	0	100	185
8/18/2022	1	1099.4	10	709.6	85	0	101	186
8/18/2022	2	1099.4	10	709.5	85	0	100	185
8/18/2022	3	1099.4	10	709.5	85	0	100	185
8/18/2022	4	1099.4	10	709.5	85	0	100	185
8/18/2022	5	1099.4	10	709.7	85	0	100	185
8/18/2022	6	1099.4	240	709.8	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)
8/18/2022	7	1099.4	2380	710.1	85	0	101	185
8/18/2022	8	1099.4	2370	710.2	85	0	101	187
8/18/2022	9	1099.4	2390	710.4	85	0	102	187
8/18/2022	10	1099.4	2390	710.4	85	0	101	187
8/18/2022	11	1099.4	2380	710.4	85	0	102	186
8/18/2022	12	1099.4	2340	710.5	85	0	101	186
8/18/2022	13	1099.4	2330	710.6	85	0	84	169
8/18/2022	14	1099.4	2340	710.6	85	0	0	85
8/18/2022	15	1099.4	2340	710.7	85	0	0	85
8/18/2022	16	1099.4	2330	710.5	85	0	0	85
8/18/2022	17	1099.4	2340	710.5	85	0	0	85
8/18/2022	18	1099.4	2340	710.3	85	0	0	85
8/18/2022	19	1099.4	2320	710.5	85	0	0	85
8/18/2022	20	1099.4	2300	710.5	85	0	0	85
8/18/2022	21	1099.4	2310	710.4	85	0	0	85
8/18/2022	22	1099.4	2230	710.1	85	0	0	85
8/18/2022	23	1099.4	100	709.8	85	0	0	85
8/18/2022	24	1099.4	10	709.7	85	0	0	85
8/19/2022	1	1099.4	10	709.4	85	0	0	85
8/19/2022	2	1099.4	10	709.3	85	0	0	85
8/19/2022	3	1099.4	10	709.2	85	0	0	85
8/19/2022	4	1099.4	10	709.2	85	0	0	85
8/19/2022	5	1099.4	10	709.1	85	0	0	85
8/19/2022	6	1099.4	50	709.1	85	0	0	85
8/19/2022	7	1099.4	2320	709.5	85	0	0	85
8/19/2022	8	1099.4	2380	709.8	85	0	0	85
8/19/2022	9	1099.4	2380	709.9	85	0	94	180
8/19/2022	10	1099.4	2380	709.9	85	0	100	185
8/19/2022	11	1099.4	2380	710.1	85	0	100	185
8/19/2022	12	1099.4	2380	710.1	85	0	101	186
8/19/2022	13	1099.4	2380	710.1	85	0	100	185
8/19/2022	14	1099.4	2380	710.4	85	0	100	185
8/19/2022	15	1099.4	2390	710.5	85	0	100	185
8/19/2022	16	1099.4	2380	710.4	85	0	100	185
8/19/2022	17	1099.4	2380	710.4	84	0	101	185
8/19/2022	18	1099.4	2380	710.4	84	0	101	185
8/19/2022	19	1099.4	2390	710.4	84	0	101	185
8/19/2022	20	1099.4	2380	710.4	84	0	102	186
8/19/2022	21	1099.4	2380	710.4	84	0	102	186
8/19/2022	22	1099.4	2380	710.3	84	0	102	187
8/19/2022	23	1099.4	200	710.0	84	0	102	186
8/19/2022	24	1099.4	10	709.9	84	0	100	184
8/20/2022	1	1099.4	10	709.9	84	0	100	184
8/20/2022	2	1099.4	10	709.9	84	0	100	185
8/20/2022	3	1099.4	10	709.9	84	0	100	184
8/20/2022	4	1099.4	10	709.9	84	0	100	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)
8/20/2022	5	1099.4	10	709.6	84	0	100	185
8/20/2022	6	1099.4	70	709.5	84	0	99	183
8/20/2022	7	1099.4	2280	709.7	84	0	100	184
8/20/2022	8	1099.4	2270	709.3	84	0	99	183
8/20/2022	9	1099.4	2280	709.3	84	0	100	183
8/20/2022	10	1099.4	2280	709.1	84	0	100	184
8/20/2022	11	1099.4	2260	709.1	84	0	99	183
8/20/2022	12	1099.4	2290	709.0	84	0	100	184
8/20/2022	13	1099.4	2280	709.1	84	0	101	185
8/20/2022	14	1099.4	2270	709.2	84	0	101	185
8/20/2022	15	1099.3	2280	709.2	84	0	101	185
8/20/2022	16	1099.4	2290	709.0	84	0	100	184
8/20/2022	17	1099.4	2270	708.8	84	0	100	184
8/20/2022	18	1099.4	2280	708.7	84	0	99	183
8/20/2022	19	1099.4	2280	708.8	84	0	98	182
8/20/2022	20	1099.4	2270	708.9	84	0	98	182
8/20/2022	21	1099.4	2270	708.8	84	0	99	183
8/20/2022	22	1099.3	2260	708.8	84	0	99	183
8/20/2022	23	1099.4	200	708.0	84	0	98	182
8/20/2022	24	1099.4	10	707.7	84	0	97	181
8/21/2022	1	1099.4	10	707.4	84	0	97	181
8/21/2022	2	1099.3	10	707.7	84	0	97	181
8/21/2022	3	1099.4	10	708.0	84	0	97	181
8/21/2022	4	1099.4	10	708.1	84	0	98	182
8/21/2022	5	1099.4	10	708.5	84	0	99	183
8/21/2022	6	1099.4	10	708.6	84	0	98	182
8/21/2022	7	1099.4	10	709.6	84	0	99	183
8/21/2022	8	1099.4	10	709.1	84	0	98	182
8/21/2022	9	1099.4	10	708.9	84	0	98	182
8/21/2022	10	1099.4	10	708.3	84	0	98	182
8/21/2022	11	1099.4	10	708.4	84	0	98	183
8/21/2022	12	1099.4	10	708.3	84	0	98	183
8/21/2022	13	1099.4	10	708.3	84	0	99	183
8/21/2022	14	1099.4	10	709.4	84	0	100	183
8/21/2022	15	1099.4	10	710.2	84	0	100	184
8/21/2022	16	1099.4	10	710.4	84	0	100	184
8/21/2022	17	1099.4	10	710.1	84	0	99	183
8/21/2022	18	1099.4	10	709.7	84	0	99	183
8/21/2022	19	1099.4	10	709.4	84	0	99	183
8/21/2022	20	1099.4	10	709.0	84	0	98	183
8/21/2022	21	1099.4	10	708.6	84	0	98	183
8/21/2022	22	1099.4	10	708.6	84	0	97	181
8/21/2022	23	1099.4	10	708.4	84	0	98	182
8/21/2022	24	1099.4	10	708.4	84	0	98	182
8/22/2022	1	1099.4	10	708.4	84	0	98	181
8/22/2022	2	1099.4	10	708.2	84	0	98	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)
8/22/2022	3	1099.4	10	708.1	84	0	98	182
8/22/2022	4	1099.4	10	707.8	84	0	97	182
8/22/2022	5	1099.4	10	708.0	84	0	97	182
8/22/2022	6	1099.4	110	708.3	84	0	98	182
8/22/2022	7	1099.4	1190	708.8	85	0	99	184
8/22/2022	8	1099.4	1180	709.0	85	0	98	183
8/22/2022	9	1099.4	1190	708.6	85	0	98	183
8/22/2022	10	1099.4	1190	708.7	85	0	98	183
8/22/2022	11	1099.4	1190	708.9	85	0	99	184
8/22/2022	12	1099.4	1200	709.0	85	0	99	184
8/22/2022	13	1099.4	1200	709.2	85	0	101	186
8/22/2022	14	1099.4	1200	709.5	85	0	101	186
8/22/2022	15	1099.4	1200	709.5	85	0	100	185
8/22/2022	16	1099.4	1200	709.5	85	0	99	184
8/22/2022	17	1099.4	1180	709.5	85	0	99	184
8/22/2022	18	1099.5	1150	709.8	85	0	100	184
8/22/2022	19	1099.5	1160	710.1	85	0	100	185
8/22/2022	20	1099.4	1140	710.2	85	0	102	187
8/22/2022	21	1099.4	1150	709.8	85	0	102	187
8/22/2022	22	1099.4	1150	710.0	85	0	102	187
8/22/2022	23	1099.4	50	710.0	85	0	101	186
8/22/2022	24	1099.4	10	710.0	85	0	100	185
8/23/2022	1	1099.5	10	709.9	85	0	101	186
8/23/2022	2	1099.5	10	709.9	85	0	101	186
8/23/2022	3	1099.5	10	709.8	85	0	100	185
8/23/2022	4	1099.5	10	709.7	85	0	100	186
8/23/2022	5	1099.5	10	709.9	85	0	100	185
8/23/2022	6	1099.5	170	709.9	85	0	100	185
8/23/2022	7	1099.5	1200	709.4	85	0	100	185
8/23/2022	8	1099.4	1200	708.9	85	0	99	184
8/23/2022	9	1099.4	1210	708.7	85	0	98	183
8/23/2022	10	1099.5	1200	708.1	85	0	98	183
8/23/2022	11	1099.5	1200	707.9	85	0	97	182
8/23/2022	12	1099.5	1340	708.2	85	0	98	183
8/23/2022	13	1099.4	2250	709.0	85	0	99	184
8/23/2022	14	1099.4	2240	709.1	85	0	100	185
8/23/2022	15	1099.4	2240	709.3	85	0	99	184
8/23/2022	16	1099.4	2250	709.6	85	0	99	184
8/23/2022	17	1099.4	2240	709.6	85	0	100	185
8/23/2022	18	1099.5	2230	709.7	85	0	100	186
8/23/2022	19	1099.5	2220	709.8	85	0	100	185
8/23/2022	20	1099.5	2180	709.7	85	0	99	184
8/23/2022	21	1099.5	1190	709.4	85	0	100	185
8/23/2022	22	1099.5	1180	709.1	85	0	99	184
8/23/2022	23	1099.5	10	709.2	85	0	98	183
8/23/2022	24	1099.5	10	709.5	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)
8/24/2022	1	1099.5	10	709.3	85	0	98	183
8/24/2022	2	1099.5	10	709.4	85	0	99	183
8/24/2022	3	1099.5	10	709.4	85	0	99	184
8/24/2022	4	1099.5	10	709.3	85	0	98	183
8/24/2022	5	1099.5	10	709.5	85	0	98	183
8/24/2022	6	1099.5	210	709.6	85	0	99	184
8/24/2022	7	1099.5	2390	709.9	85	0	99	184
8/24/2022	8	1099.5	2380	710.1	85	0	100	185
8/24/2022	9	1099.5	2380	709.8	85	0	100	185
8/24/2022	10	1099.4	2390	709.8	85	0	100	185
8/24/2022	11	1099.4	2390	709.7	85	0	100	185
8/24/2022	12	1099.4	2390	709.7	85	0	101	186
8/24/2022	13	1099.4	2390	709.7	85	0	103	188
8/24/2022	14	1099.4	2390	709.9	85	0	102	187
8/24/2022	15	1099.4	2390	709.8	85	0	101	186
8/24/2022	16	1099.4	2390	709.7	85	0	101	186
8/24/2022	17	1099.4	2380	709.6	85	0	101	186
8/24/2022	18	1099.4	2380	709.6	85	0	101	186
8/24/2022	19	1099.4	2380	709.8	85	0	101	186
8/24/2022	20	1099.4	2380	709.7	85	0	101	186
8/24/2022	21	1099.4	2380	709.8	85	0	101	186
8/24/2022	22	1099.4	2360	709.8	85	0	102	187
8/24/2022	23	1099.4	30	709.6	85	0	101	186
8/24/2022	24	1099.4	10	709.7	85	0	101	185
8/25/2022	1	1099.4	10	709.7	85	0	100	185
8/25/2022	2	1099.4	10	709.7	85	0	100	185
8/25/2022	3	1099.4	10	709.6	85	0	100	185
8/25/2022	4	1099.4	10	709.6	85	0	100	186
8/25/2022	5	1099.4	10	709.6	85	0	100	186
8/25/2022	6	1099.4	220	709.7	85	0	100	185
8/25/2022	7	1099.4	2390	710.0	108	0	101	209
8/25/2022	8	1099.4	2390	710.0	115	0	101	216
8/25/2022	9	1099.4	2380	709.8	123	0	67	190
8/25/2022	10	1099.4	2380	709.7	145	0	50	195
8/25/2022	11	1099.4	2390	709.4	145	0	42	187
8/25/2022	12	1099.4	2380	709.3	142	0	0	142
8/25/2022	13	1099.4	2380	709.4	127	0	0	127
8/25/2022	14	1099.4	2390	709.7	110	0	0	110
8/25/2022	15	1099.4	2380	709.7	95	0	0	95
8/25/2022	16	1099.4	2390	709.7	85	0	0	85
8/25/2022	17	1099.4	2380	709.7	85	0	0	85
8/25/2022	18	1099.4	2380	709.7	85	0	0	85
8/25/2022	19	1099.4	2380	709.8	85	0	0	85
8/25/2022	20	1099.4	2370	709.8	85	0	0	85
8/25/2022	21	1099.4	2380	709.8	85	0	0	85
8/25/2022	22	1099.4	2190	709.9	85	0	0	85



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)
8/25/2022	23	1099.4	10	709.9	85	0	0	85
8/25/2022	24	1099.4	10	709.9	85	0	0	85
8/26/2022	1	1099.4	10	709.9	85	0	0	85
8/26/2022	2	1099.4	10	709.9	85	0	0	85
8/26/2022	3	1099.4	0	709.9	85	0	0	85
8/26/2022	4	1099.4	10	709.2	85	0	0	85
8/26/2022	5	1099.4	10	709.0	85	0	0	85
8/26/2022	6	1099.4	130	708.8	85	0	0	85
8/26/2022	7	1099.4	2390	709.3	85	0	0	85
8/26/2022	8	1099.4	2380	709.3	85	0	0	85
8/26/2022	9	1099.4	2370	709.7	85	0	0	85
8/26/2022	10	1099.4	2380	709.9	85	0	0	85
8/26/2022	11	1099.4	2380	710.3	85	0	0	85
8/26/2022	12	1099.4	2390	710.5	85	0	0	85
8/26/2022	13	1099.4	2380	710.6	85	0	0	85
8/26/2022	14	1099.4	2380	710.7	85	0	0	85
8/26/2022	15	1099.4	2390	710.8	85	0	0	85
8/26/2022	16	1099.4	2380	710.7	85	0	0	85
8/26/2022	17	1099.4	2380	710.6	85	0	0	85
8/26/2022	18	1099.4	2380	710.5	85	0	0	85
8/26/2022	19	1099.4	2380	710.3	85	0	0	85
8/26/2022	20	1099.4	2370	709.7	85	0	0	85
8/26/2022	21	1099.4	2380	709.4	85	0	0	85
8/26/2022	22	1099.4	2300	709.1	85	0	0	85
8/26/2022	23	1099.4	80	708.4	85	0	0	85
8/26/2022	24	1099.4	10	708.6	85	0	0	85
8/27/2022	1	1099.4	10	708.5	85	0	0	85
8/27/2022	2	1099.4	10	708.7	85	0	0	85
8/27/2022	3	1099.4	10	708.5	85	0	0	85
8/27/2022	4	1099.4	10	708.5	85	0	0	85
8/27/2022	5	1099.4	10	708.6	85	0	0	85
8/27/2022	6	1099.4	40	708.6	85	0	0	85
8/27/2022	7	1099.4	2230	709.0	85	0	0	85
8/27/2022	8	1099.4	2380	709.0	85	0	0	85
8/27/2022	9	1099.4	2370	709.1	85	0	0	85
8/27/2022	10	1099.4	2380	709.2	85	0	0	85
8/27/2022	11	1099.4	2380	709.4	85	0	0	85
8/27/2022	12	1099.4	2380	709.5	85	0	0	85
8/27/2022	13	1099.4	2380	709.4	85	0	0	85
8/27/2022	14	1099.4	2380	709.3	85	0	0	85
8/27/2022	15	1099.4	2380	709.1	85	0	0	85
8/27/2022	16	1099.4	2370	709.0	85	0	0	85
8/27/2022	17	1099.4	2370	709.0	85	0	0	85
8/27/2022	18	1099.4	2380	709.0	85	0	0	85
8/27/2022	19	1099.4	2390	708.9	85	0	0	85
8/27/2022	20	1099.4	2370	708.8	85	0	0	85

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)
8/27/2022	21	1099.3	2370	708.7	85	0	0	85
8/27/2022	22	1099.3	2220	708.6	85	0	0	85
8/27/2022	23	1099.3	10	707.3	85	0	0	85
8/27/2022	24	1099.4	10	707.4	85	0	0	85
8/28/2022	1	1099.4	10	707.2	85	0	0	85
8/28/2022	2	1099.3	10	707.8	85	0	0	85
8/28/2022	3	1099.3	10	707.9	85	0	0	85
8/28/2022	4	1099.3	10	707.9	85	0	0	85
8/28/2022	5	1099.3	10	708.2	85	0	0	85
8/28/2022	6	1099.3	10	708.4	85	0	0	85
8/28/2022	7	1099.3	10	708.6	86	0	0	86
8/28/2022	8	1099.3	10	708.9	85	0	0	85
8/28/2022	9	1099.3	10	709.0	85	0	0	85
8/28/2022	10	1099.3	10	708.5	85	0	0	85
8/28/2022	11	1099.3	10	708.3	85	0	0	85
8/28/2022	12	1099.3	10	708.1	85	0	0	85
8/28/2022	13	1099.3	10	707.9	85	0	0	85
8/28/2022	14	1099.3	10	708.2	85	0	0	85
8/28/2022	15	1099.3	10	708.7	85	0	0	85
8/28/2022	16	1099.3	10	709.2	85	0	0	85
8/28/2022	17	1099.3	10	709.4	85	0	0	85
8/28/2022	18	1099.3	10	709.6	85	0	0	85
8/28/2022	19	1099.3	10	709.6	85	0	0	85
8/28/2022	20	1099.3	10	709.5	85	0	0	85
8/28/2022	21	1099.3	10	709.6	85	0	0	85
8/28/2022	22	1099.3	10	709.0	85	0	0	85
8/28/2022	23	1099.3	10	708.7	85	0	0	85
8/28/2022	24	1099.3	10	708.6	86	0	0	86
8/29/2022	1	1099.3	10	709.1	85	0	0	85
8/29/2022	2	1099.3	10	709.3	85	0	0	85
8/29/2022	3	1099.3	10	709.3	85	0	0	85
8/29/2022	4	1099.3	10	708.9	85	0	0	85
8/29/2022	5	1099.3	10	708.5	85	0	0	85
8/29/2022	6	1099.3	200	708.2	85	0	0	85
8/29/2022	7	1099.3	2390	708.8	85	0	0	85
8/29/2022	8	1099.3	2370	708.9	85	0	0	85
8/29/2022	9	1099.3	2380	708.8	85	0	0	85
8/29/2022	10	1099.3	2370	709.0	85	0	0	85
8/29/2022	11	1099.3	2380	709.1	85	0	0	85
8/29/2022	12	1099.3	2380	709.0	85	0	0	85
8/29/2022	13	1099.3	2380	709.0	85	0	0	85
8/29/2022	14	1099.3	2390	709.1	85	0	0	85
8/29/2022	15	1099.3	2390	709.1	85	0	0	85
8/29/2022	16	1099.3	2380	709.3	85	0	0	85
8/29/2022	17	1099.3	2390	709.8	85	0	0	85
8/29/2022	18	1099.3	2400	709.6	85	0	0	85

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)
8/29/2022	19	1099.3	2390	709.9	85	0	0	85
8/29/2022	20	1099.2	2370	710.2	85	0	0	85
8/29/2022	21	1099.3	2370	710.3	85	0	0	85
8/29/2022	22	1099.3	2230	710.3	85	0	0	85
8/29/2022	23	1099.3	60	709.8	85	0	0	85
8/29/2022	24	1099.3	10	709.5	85	0	0	85
8/30/2022	1	1099.3	10	709.3	85	0	0	85
8/30/2022	2	1099.3	10	708.9	85	0	0	85
8/30/2022	3	1099.3	10	708.4	85	0	0	85
8/30/2022	4	1099.3	10	708.3	85	0	0	85
8/30/2022	5	1099.3	10	707.8	85	0	0	85
8/30/2022	6	1099.3	210	707.5	85	0	0	85
8/30/2022	7	1099.3	2380	708.6	85	0	0	85
8/30/2022	8	1099.3	2380	708.6	85	0	0	85
8/30/2022	9	1099.3	2380	708.6	85	0	0	85
8/30/2022	10	1099.3	2390	708.6	85	0	0	85
8/30/2022	11	1099.3	2390	708.7	85	0	0	85
8/30/2022	12	1099.3	2380	708.8	85	0	0	85
8/30/2022	13	1099.3	2390	708.9	85	0	0	85
8/30/2022	14	1099.3	2390	709.1	85	0	0	85
8/30/2022	15	1099.3	2390	709.2	85	0	0	85
8/30/2022	16	1099.2	2390	709.4	85	0	86	171
8/30/2022	17	1099.2	2390	709.3	85	0	98	183
8/30/2022	18	1099.2	2390	709.6	85	0	98	183
8/30/2022	19	1099.2	2390	709.8	85	0	99	184
8/30/2022	20	1099.2	2370	709.6	85	0	98	183
8/30/2022	21	1099.2	2370	709.5	85	0	98	183
8/30/2022	22	1099.2	2380	709.6	85	0	99	184
8/30/2022	23	1099.2	230	709.4	85	0	99	184
8/30/2022	24	1099.2	10	709.7	85	0	99	183
8/31/2022	1	1099.2	10	709.5	85	0	99	184
8/31/2022	2	1099.2	10	709.4	85	0	98	183
8/31/2022	3	1099.3	10	709.0	85	0	98	182
8/31/2022	4	1099.2	10	708.8	85	0	98	182
8/31/2022	5	1099.2	10	708.5	85	0	97	182
8/31/2022	6	1099.2	210	708.8	85	0	97	182
8/31/2022	7	1099.2	2380	709.1	85	0	98	183
8/31/2022	8	1099.2	2380	709.1	85	0	98	183
8/31/2022	9	1099.2	2380	709.3	85	0	98	183
8/31/2022	10	1099.2	2390	709.4	85	0	98	184
8/31/2022	11	1099.2	2390	709.5	85	0	99	184
8/31/2022	12	1099.2	2390	709.5	85	0	99	184
8/31/2022	13	1099.2	2390	709.5	85	0	98	183
8/31/2022	14	1099.2	2390	709.4	85	0	99	184
8/31/2022	15	1099.2	2380	709.5	85	0	100	185
8/31/2022	16	1099.2	2370	709.4	85	0	100	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)
8/31/2022	17	1099.2	2370	709.2	85	0	100	185
8/31/2022	18	1099.2	2390	709.1	85	0	99	184
8/31/2022	19	1099.2	2390	709.1	85	0	98	183
8/31/2022	20	1099.1	2380	709.1	85	0	97	182
8/31/2022	21	1099.2	2360	709.0	85	0	98	183
8/31/2022	22	1099.2	2370	708.9	85	0	96	181
8/31/2022	23	1099.2	240	708.5	85	0	97	182
8/31/2022	24	1099.2	10	708.8	85	0	97	182