

**From:** [Hopkins, Scott](#)  
**To:** "[Ashley Rawhouser](#)"; "[bgoedde@cityofchelan.us](#)"; "[Breean Zimmerman](#)"; "[Buehn, Scott](#)"; "[Carl Merkle](#)"; "[Clement, Marcie](#)"; "[David Bowen](#)"; "[Emily Johnson](#)"; "[Graham Simon](#)"; "[Hugh Anthony](#)"; "[Jim Pacheco](#)"; "[Justin Yeager](#)"; "[Kari Grover Wier](#)"; "[Mark Peterschmidt](#)"; "[Osborn, Jeff](#)"; "[Phil Archibald](#)"; "[robin@mansonparks.com](#)"; "[Ryan.Layton@parks.wa.gov](#)"; "[Smith, Michelle](#)"; "[Steve Lewis](#)"; "[Thomas O'Keefe](#)"; "[Towey, Bill](#)"; "[Travis Maitland](#)"; "[Underwood, Alene](#)"; "[Von Reis, Charles](#)"; "[Willard, Catherine](#)"; "[Mayfield, Mariah - FS](#)"; "[Kevin Wright](#)"; "[Esh, Nathan](#)"; "[randi\\_riggs@fws.gov](#)"; "[Wasniewski, John](#)"; "[jamesurness@hotmail.com](#)"; "[wfarris@cityofchelan.us](#)"; "[Pruit, Katie \(RCO\)](#)"; "[jody.walters@noaa.gov](#)"; "[blod@yakamafish-nsn.gov](#)"; "[bret.nine@colvilletribes.com](#)"; "[NaturalResources@ctuir.org](#)"  
**Cc:** "[Whiteman, Martha](#)"; "[West, Todd](#)"; "[Miller, Joshua](#)"; "[Pradeep Mugunthan](#)"  
**Subject:** Chelan River Flow Monitoring Data - 2020 August Reports  
**Date:** Monday, September 21, 2020 11:40:59 AM  
**Attachments:** [image001.png](#)  
[2020 Daily Average Flow Data August Report.pdf](#)  
[2020 Hourly Flow Data August Report.pdf](#)

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PUBLIC UTILITY DISTRICT NO. 1 of CHELAN COUNTY

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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)  
Lake Chelan Sportsman Association  
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

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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 2020. These reports contains 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 flow data for August has been reported.

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



**Scott Hopkins**  
Fisheries Biologist II  
Chelan County P.U.D.  
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Date	Lake Chelan Elevation (ft)	Powerhouse Tailrace Flow (cfs)	Powerhouse Tailwater Elevation (ft)	Low Level Outlet Flow (cfs)	Spillway Flow (cfs)	Pump Station Flow (cfs)	Chelan River Flow Reach 4 (cfs)
8/1/2020	1099.6	1511	709.5	85	0	0	85
8/2/2020	1099.7	6	709.3	85	0	0	85
8/3/2020	1099.7	1588	709.8	85	0	0	85
8/4/2020	1099.7	764	709.4	85	0	0	85
8/5/2020	1099.7	1599	709.1	85	0	0	85
8/6/2020	1099.8	1597	708.9	85	0	0	85
8/7/2020	1099.7	1599	709.3	85	0	0	85
8/8/2020	1099.7	1584	709.2	85	0	0	85
8/9/2020	1099.7	7	708.2	85	0	0	85
8/10/2020	1099.6	1585	708.4	85	0	0	85
8/11/2020	1099.6	1595	708.6	85	0	0	85
8/12/2020	1099.6	1125	708.4	85	0	0	85
8/13/2020	1099.5	1149	709.6	85	0	0	85
8/14/2020	1099.5	1148	709.5	85	0	0	85
8/15/2020	1099.5	1067	709.3	85	0	0	85
8/16/2020	1099.4	1584	709.2	85	0	0	85
8/17/2020	1099.4	1593	709.1	85	0	0	85
8/18/2020	1099.4	1599	709.5	85	0	0	85
8/19/2020	1099.3	1607	709.4	85	0	0	85
8/20/2020	1099.3	1605	709.2	85	0	0	85
8/21/2020	1099.2	723	709.6	85	0	0	85
8/22/2020	1099.2	704	709.1	85	0	0	85
8/23/2020	1099.2	10	708.3	85	0	0	85
8/24/2020	1099.3	705	707.7	85	0	0	85
8/25/2020	1099.3	710	708.2	85	0	0	85
8/26/2020	1099.3	713	709.5	85	0	0	85
8/27/2020	1099.2	707	709.6	85	0	0	85
8/28/2020	1099.2	815	709.4	85	0	0	85
8/29/2020	1099.2	806	708.6	85	0	0	85
8/30/2020	1099.2	8	707.8	85	0	0	85
8/31/2020	1099.1	756	708.1	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)
8/1/2020	1	1099.6	0	709.7	85	0	0	85
8/1/2020	2	1099.6	0	709.7	85	0	0	85
8/1/2020	3	1099.6	0	709.6	85	0	0	85
8/1/2020	4	1099.6	0	709.5	85	0	0	85
8/1/2020	5	1099.6	0	709.5	85	0	0	85
8/1/2020	6	1099.6	0	709.4	85	0	0	85
8/1/2020	7	1099.6	980	709.3	85	0	0	85
8/1/2020	8	1099.7	2210	709.4	85	0	0	85
8/1/2020	9	1099.7	2370	709.5	85	0	0	85
8/1/2020	10	1099.6	2370	709.5	85	0	0	85
8/1/2020	11	1099.6	2380	709.5	85	0	0	85
8/1/2020	12	1099.6	2380	709.4	85	0	0	85
8/1/2020	13	1099.6	2370	709.4	85	0	0	85
8/1/2020	14	1099.6	2370	709.2	85	0	0	85
8/1/2020	15	1099.6	2380	709.3	85	0	0	85
8/1/2020	16	1099.6	2380	709.2	85	0	0	85
8/1/2020	17	1099.6	2370	709.2	85	0	0	85
8/1/2020	18	1099.6	2390	709.2	85	0	0	85
8/1/2020	19	1099.6	2390	709.4	85	0	0	85
8/1/2020	20	1099.6	2370	709.6	85	0	0	85
8/1/2020	21	1099.6	2380	709.8	85	0	0	85
8/1/2020	22	1099.6	2180	710.0	85	0	0	85
8/1/2020	23	1099.6	0	709.7	85	0	0	85
8/1/2020	24	1099.6	0	709.7	85	0	0	85
8/2/2020	1	1099.6	0	709.6	85	0	0	85
8/2/2020	2	1099.6	0	709.2	85	0	0	85
8/2/2020	3	1099.6	10	709.0	85	0	0	85
8/2/2020	4	1099.6	0	708.8	85	0	0	85
8/2/2020	5	1099.6	10	708.9	85	0	0	85
8/2/2020	6	1099.6	10	708.9	85	0	0	85
8/2/2020	7	1099.6	10	709.5	85	0	0	85
8/2/2020	8	1099.6	10	709.6	85	0	0	85
8/2/2020	9	1099.6	10	709.2	85	0	0	85
8/2/2020	10	1099.6	10	708.8	85	0	0	85
8/2/2020	11	1099.6	10	708.8	85	0	0	85
8/2/2020	12	1099.7	10	709.0	85	0	0	85
8/2/2020	13	1099.6	0	709.2	85	0	0	85
8/2/2020	14	1099.6	0	709.4	85	0	0	85
8/2/2020	15	1099.6	0	709.7	85	0	0	85
8/2/2020	16	1099.7	0	709.6	85	0	0	85
8/2/2020	17	1099.7	0	709.6	85	0	0	85
8/2/2020	18	1099.7	0	709.5	85	0	0	85
8/2/2020	19	1099.7	10	709.4	85	0	0	85
8/2/2020	20	1099.7	10	709.5	85	0	0	85
8/2/2020	21	1099.7	10	709.4	85	0	0	85
8/2/2020	22	1099.7	10	709.3	85	0	0	85
8/2/2020	23	1099.7	10	709.5	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)
8/2/2020	24	1099.7	10	709.9	85	0	0	85
8/3/2020	1	1099.7	10	709.9	85	0	0	85
8/3/2020	2	1099.7	10	709.9	85	0	0	85
8/3/2020	3	1099.7	10	709.8	85	0	0	85
8/3/2020	4	1099.7	10	709.4	85	0	0	85
8/3/2020	5	1099.8	10	709.2	85	0	0	85
8/3/2020	6	1099.8	10	709.2	85	0	0	85
8/3/2020	7	1099.7	2100	709.6	85	0	0	85
8/3/2020	8	1099.8	2370	709.7	85	0	0	85
8/3/2020	9	1099.8	2380	709.6	85	0	0	85
8/3/2020	10	1099.8	2370	709.6	85	0	0	85
8/3/2020	11	1099.8	2390	709.7	85	0	0	85
8/3/2020	12	1099.8	2390	709.7	85	0	0	85
8/3/2020	13	1099.8	2380	709.6	85	0	0	85
8/3/2020	14	1099.8	2380	709.7	85	0	0	85
8/3/2020	15	1099.7	2380	710.0	85	0	0	85
8/3/2020	16	1099.7	2370	710.3	85	0	0	85
8/3/2020	17	1099.7	2370	710.3	85	0	0	85
8/3/2020	18	1099.7	2390	710.2	85	0	0	85
8/3/2020	19	1099.7	2380	710.0	85	0	0	85
8/3/2020	20	1099.7	2380	710.1	85	0	0	85
8/3/2020	21	1099.7	2380	710.1	85	0	0	85
8/3/2020	22	1099.7	2370	710.1	85	0	0	85
8/3/2020	23	1099.8	270	709.8	85	0	0	85
8/3/2020	24	1099.8	10	709.7	85	0	0	85
8/4/2020	1	1099.8	10	709.7	85	0	0	85
8/4/2020	2	1099.8	0	709.8	85	0	0	85
8/4/2020	3	1099.8	10	709.8	85	0	0	85
8/4/2020	4	1099.8	10	709.8	85	0	0	85
8/4/2020	5	1099.8	10	709.7	85	0	0	85
8/4/2020	6	1099.8	10	709.7	85	0	0	85
8/4/2020	7	1099.8	1150	709.6	85	0	0	85
8/4/2020	8	1099.8	1200	709.4	85	0	0	85
8/4/2020	9	1099.8	1200	709.4	85	0	0	85
8/4/2020	10	1099.8	1210	709.4	85	0	0	85
8/4/2020	11	1099.7	1210	709.2	85	0	0	85
8/4/2020	12	1099.7	1200	709.1	85	0	0	85
8/4/2020	13	1099.7	1200	709.0	85	0	0	85
8/4/2020	14	1099.7	1150	709.0	85	0	0	85
8/4/2020	15	1099.7	1150	708.9	85	0	0	85
8/4/2020	16	1099.7	650	708.9	85	0	0	85
8/4/2020	17	1099.7	1160	709.0	85	0	0	85
8/4/2020	18	1099.7	1150	709.3	85	0	0	85
8/4/2020	19	1099.7	1150	709.5	85	0	0	85
8/4/2020	20	1099.7	1140	709.4	85	0	0	85
8/4/2020	21	1099.7	1150	709.7	85	0	0	85
8/4/2020	22	1099.7	1140	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)
8/4/2020	23	1099.7	80	709.8	85	0	0	85
8/4/2020	24	1099.8	0	709.9	85	0	0	85
8/5/2020	1	1099.7	10	709.9	85	0	0	85
8/5/2020	2	1099.7	10	709.8	85	0	0	85
8/5/2020	3	1099.8	10	709.8	85	0	0	85
8/5/2020	4	1099.8	10	709.8	85	0	0	85
8/5/2020	5	1099.7	10	709.8	85	0	0	85
8/5/2020	6	1099.8	170	709.8	85	0	0	85
8/5/2020	7	1099.7	2390	709.9	85	0	0	85
8/5/2020	8	1099.7	2380	709.5	85	0	0	85
8/5/2020	9	1099.7	2380	709.4	85	0	0	85
8/5/2020	10	1099.7	2380	709.3	85	0	0	85
8/5/2020	11	1099.7	2370	709.2	85	0	0	85
8/5/2020	12	1099.7	2370	709.0	85	0	0	85
8/5/2020	13	1099.7	2380	708.9	85	0	0	85
8/5/2020	14	1099.7	2380	708.8	85	0	0	85
8/5/2020	15	1099.7	2380	708.8	85	0	0	85
8/5/2020	16	1099.7	2360	708.7	85	0	0	85
8/5/2020	17	1099.7	2370	708.7	85	0	0	85
8/5/2020	18	1099.7	2370	708.7	85	0	0	85
8/5/2020	19	1099.7	2370	708.7	85	0	0	85
8/5/2020	20	1099.7	2360	708.8	85	0	0	85
8/5/2020	21	1099.7	2360	708.7	85	0	0	85
8/5/2020	22	1099.7	2360	708.8	85	0	0	85
8/5/2020	23	1099.7	190	707.7	85	0	0	85
8/5/2020	24	1099.7	10	707.5	85	0	0	85
8/6/2020	1	1099.8	10	707.3	85	0	0	85
8/6/2020	2	1099.8	10	707.3	85	0	0	85
8/6/2020	3	1099.7	10	707.5	85	0	0	85
8/6/2020	4	1099.8	10	708.2	85	0	0	85
8/6/2020	5	1099.8	10	708.5	85	0	0	85
8/6/2020	6	1099.8	180	708.7	85	0	0	85
8/6/2020	7	1099.8	2370	709.3	85	0	0	85
8/6/2020	8	1099.8	2380	709.0	85	0	0	85
8/6/2020	9	1099.8	2370	709.0	85	0	0	85
8/6/2020	10	1099.8	2370	709.1	85	0	0	85
8/6/2020	11	1099.8	2380	709.0	85	0	0	85
8/6/2020	12	1099.8	2370	708.9	85	0	0	85
8/6/2020	13	1099.8	2370	708.9	85	0	0	85
8/6/2020	14	1099.8	2370	709.0	85	0	0	85
8/6/2020	15	1099.8	2370	709.0	85	0	0	85
8/6/2020	16	1099.8	2370	709.3	85	0	0	85
8/6/2020	17	1099.8	2380	709.6	85	0	0	85
8/6/2020	18	1099.8	2370	709.7	85	0	0	85
8/6/2020	19	1099.8	2370	709.6	85	0	0	85
8/6/2020	20	1099.8	2370	709.6	85	0	0	85
8/6/2020	21	1099.8	2370	709.8	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)
8/6/2020	22	1099.8	2370	709.8	85	0	0	85
8/6/2020	23	1099.8	150	709.4	85	0	0	85
8/6/2020	24	1099.8	0	709.3	85	0	0	85
8/7/2020	1	1099.8	0	709.3	85	0	0	85
8/7/2020	2	1099.8	0	709.3	85	0	0	85
8/7/2020	3	1099.8	0	709.2	85	0	0	85
8/7/2020	4	1099.8	0	709.2	85	0	0	85
8/7/2020	5	1099.7	0	709.2	85	0	0	85
8/7/2020	6	1099.8	200	709.4	85	0	0	85
8/7/2020	7	1099.7	2380	709.7	85	0	0	85
8/7/2020	8	1099.7	2390	709.6	85	0	0	85
8/7/2020	9	1099.7	2390	709.5	85	0	0	85
8/7/2020	10	1099.7	2390	709.5	85	0	0	85
8/7/2020	11	1099.7	2390	709.6	85	0	0	85
8/7/2020	12	1099.7	2390	709.5	85	0	0	85
8/7/2020	13	1099.7	2380	709.4	85	0	0	85
8/7/2020	14	1099.7	2380	709.3	85	0	0	85
8/7/2020	15	1099.7	2380	709.2	85	0	0	85
8/7/2020	16	1099.7	2370	709.0	85	0	0	85
8/7/2020	17	1099.7	2370	709.1	85	0	0	85
8/7/2020	18	1099.7	2380	709.2	85	0	0	85
8/7/2020	19	1099.7	2380	709.3	85	0	0	85
8/7/2020	20	1099.7	2360	709.3	85	0	0	85
8/7/2020	21	1099.7	2370	709.3	85	0	0	85
8/7/2020	22	1099.7	2360	709.4	85	0	0	85
8/7/2020	23	1099.7	110	708.9	85	0	0	85
8/7/2020	24	1099.7	10	708.9	85	0	0	85
8/8/2020	1	1099.7	0	708.7	85	0	0	85
8/8/2020	2	1099.7	0	708.8	85	0	0	85
8/8/2020	3	1099.7	0	708.9	85	0	0	85
8/8/2020	4	1099.7	0	709.0	85	0	0	85
8/8/2020	5	1099.7	0	708.9	85	0	0	85
8/8/2020	6	1099.7	80	708.9	85	0	0	85
8/8/2020	7	1099.7	2380	709.4	85	0	0	85
8/8/2020	8	1099.7	2370	709.4	85	0	0	85
8/8/2020	9	1099.7	2380	709.2	85	0	0	85
8/8/2020	10	1099.6	2380	709.3	85	0	0	85
8/8/2020	11	1099.6	2390	709.5	85	0	0	85
8/8/2020	12	1099.7	2380	709.5	85	0	0	85
8/8/2020	13	1099.6	2380	709.4	85	0	0	85
8/8/2020	14	1099.6	2380	709.4	85	0	0	85
8/8/2020	15	1099.7	2380	709.3	85	0	0	85
8/8/2020	16	1099.7	2370	709.2	85	0	0	85
8/8/2020	17	1099.7	2380	709.3	85	0	0	85
8/8/2020	18	1099.7	2380	709.4	85	0	0	85
8/8/2020	19	1099.7	2390	709.5	85	0	0	85
8/8/2020	20	1099.7	2360	709.3	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)
8/8/2020	21	1099.7	2360	709.2	85	0	0	85
8/8/2020	22	1099.7	2280	709.3	85	0	0	85
8/8/2020	23	1099.7	0	708.7	85	0	0	85
8/8/2020	24	1099.7	0	708.8	85	0	0	85
8/9/2020	1	1099.7	0	708.7	85	0	0	85
8/9/2020	2	1099.7	0	708.4	85	0	0	85
8/9/2020	3	1099.7	0	708.6	85	0	0	85
8/9/2020	4	1099.7	0	708.5	85	0	0	85
8/9/2020	5	1099.7	0	708.2	85	0	0	85
8/9/2020	6	1099.7	0	708.0	85	0	0	85
8/9/2020	7	1099.7	0	708.0	85	0	0	85
8/9/2020	8	1099.7	0	707.7	85	0	0	85
8/9/2020	9	1099.7	10	707.5	85	0	0	85
8/9/2020	10	1099.7	10	707.5	85	0	0	85
8/9/2020	11	1099.7	10	708.0	85	0	0	85
8/9/2020	12	1099.6	10	707.9	85	0	0	85
8/9/2020	13	1099.6	10	708.1	85	0	0	85
8/9/2020	14	1099.6	10	708.3	85	0	0	85
8/9/2020	15	1099.6	10	708.6	85	0	0	85
8/9/2020	16	1099.6	10	708.8	85	0	0	85
8/9/2020	17	1099.6	10	708.6	85	0	0	85
8/9/2020	18	1099.7	10	708.8	85	0	0	85
8/9/2020	19	1099.6	10	708.7	85	0	0	85
8/9/2020	20	1099.7	10	708.7	85	0	0	85
8/9/2020	21	1099.7	10	708.4	85	0	0	85
8/9/2020	22	1099.7	10	707.8	85	0	0	85
8/9/2020	23	1099.7	10	707.7	85	0	0	85
8/9/2020	24	1099.7	10	708.0	85	0	0	85
8/10/2020	1	1099.7	10	708.0	85	0	0	85
8/10/2020	2	1099.7	10	707.7	85	0	0	85
8/10/2020	3	1099.7	10	707.4	85	0	0	85
8/10/2020	4	1099.7	10	707.3	85	0	0	85
8/10/2020	5	1099.7	10	707.1	85	0	0	85
8/10/2020	6	1099.7	70	707.0	85	0	0	85
8/10/2020	7	1099.7	2370	708.6	85	0	0	85
8/10/2020	8	1099.7	2370	708.7	85	0	0	85
8/10/2020	9	1099.7	2370	708.7	85	0	0	85
8/10/2020	10	1099.6	2370	708.7	85	0	0	85
8/10/2020	11	1099.6	2380	708.8	85	0	0	85
8/10/2020	12	1099.6	2380	708.8	85	0	0	85
8/10/2020	13	1099.6	2380	708.8	85	0	0	85
8/10/2020	14	1099.6	2380	708.8	85	0	0	85
8/10/2020	15	1099.6	2370	708.8	85	0	0	85
8/10/2020	16	1099.6	2360	708.8	85	0	0	85
8/10/2020	17	1099.6	2360	708.7	85	0	0	85
8/10/2020	18	1099.6	2380	708.8	85	0	0	85
8/10/2020	19	1099.6	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)
8/10/2020	20	1099.6	2330	708.8	85	0	0	85
8/10/2020	21	1099.6	2360	708.8	85	0	0	85
8/10/2020	22	1099.6	2350	708.9	85	0	0	85
8/10/2020	23	1099.6	20	708.0	85	0	0	85
8/10/2020	24	1099.6	10	708.1	85	0	0	85
8/11/2020	1	1099.6	10	708.0	85	0	0	85
8/11/2020	2	1099.6	10	708.0	85	0	0	85
8/11/2020	3	1099.7	10	708.4	85	0	0	85
8/11/2020	4	1099.6	10	708.5	85	0	0	85
8/11/2020	5	1099.6	10	708.6	85	0	0	85
8/11/2020	6	1099.6	130	708.6	85	0	0	85
8/11/2020	7	1099.6	2380	709.2	85	0	0	85
8/11/2020	8	1099.6	2380	709.2	85	0	0	85
8/11/2020	9	1099.6	2380	709.0	85	0	0	85
8/11/2020	10	1099.6	2370	709.0	85	0	0	85
8/11/2020	11	1099.6	2370	709.0	85	0	0	85
8/11/2020	12	1099.6	2370	708.9	85	0	0	85
8/11/2020	13	1099.6	2370	708.9	85	0	0	85
8/11/2020	14	1099.6	2360	708.9	85	0	0	85
8/11/2020	15	1099.6	2370	708.9	85	0	0	85
8/11/2020	16	1099.6	2370	708.9	85	0	0	85
8/11/2020	17	1099.6	2380	708.8	85	0	0	85
8/11/2020	18	1099.6	2380	708.9	85	0	0	85
8/11/2020	19	1099.6	2370	708.9	85	0	0	85
8/11/2020	20	1099.6	2360	708.8	85	0	0	85
8/11/2020	21	1099.6	2370	708.7	85	0	0	85
8/11/2020	22	1099.6	2360	708.7	85	0	0	85
8/11/2020	23	1099.6	160	707.0	85	0	0	85
8/11/2020	24	1099.6	0	706.8	85	0	0	85
8/12/2020	1	1099.6	0	706.5	85	0	0	85
8/12/2020	2	1099.6	0	706.7	85	0	0	85
8/12/2020	3	1099.6	0	706.5	85	0	0	85
8/12/2020	4	1099.6	0	706.5	85	0	0	85
8/12/2020	5	1099.6	0	706.6	85	0	0	85
8/12/2020	6	1099.6	20	706.6	85	0	0	85
8/12/2020	7	1099.6	1170	707.6	85	0	0	85
8/12/2020	8	1099.6	1170	707.8	85	0	0	85
8/12/2020	9	1099.6	1170	707.9	85	0	0	85
8/12/2020	10	1099.6	1180	708.0	85	0	0	85
8/12/2020	11	1099.6	1180	708.1	85	0	0	85
8/12/2020	12	1099.6	1190	708.3	85	0	0	85
8/12/2020	13	1099.6	2220	709.0	85	0	0	85
8/12/2020	14	1099.6	2250	709.2	85	0	0	85
8/12/2020	15	1099.6	2250	709.2	85	0	0	85
8/12/2020	16	1099.6	2220	709.3	85	0	0	85
8/12/2020	17	1099.6	2200	709.5	85	0	0	85
8/12/2020	18	1099.6	2200	709.8	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)
8/12/2020	19	1099.6	2200	709.9	85	0	0	85
8/12/2020	20	1099.6	2190	709.8	85	0	0	85
8/12/2020	21	1099.6	1090	709.7	85	0	0	85
8/12/2020	22	1099.6	1050	709.6	85	0	0	85
8/12/2020	23	1099.6	60	709.4	85	0	0	85
8/12/2020	24	1099.6	0	709.3	85	0	0	85
8/13/2020	1	1099.6	10	709.3	85	0	0	85
8/13/2020	2	1099.6	0	709.2	85	0	0	85
8/13/2020	3	1099.6	0	709.4	85	0	0	85
8/13/2020	4	1099.6	0	709.5	85	0	0	85
8/13/2020	5	1099.6	10	709.0	85	0	0	85
8/13/2020	6	1099.6	10	709.1	85	0	0	85
8/13/2020	7	1099.6	1130	709.3	85	0	0	85
8/13/2020	8	1099.5	1200	709.4	85	0	0	85
8/13/2020	9	1099.5	1190	709.4	85	0	0	85
8/13/2020	10	1099.5	1200	709.3	85	0	0	85
8/13/2020	11	1099.5	1200	709.3	85	0	0	85
8/13/2020	12	1099.5	1270	709.2	85	0	0	85
8/13/2020	13	1099.5	2240	709.6	85	0	0	85
8/13/2020	14	1099.5	2240	709.7	85	0	0	85
8/13/2020	15	1099.5	2240	709.9	85	0	0	85
8/13/2020	16	1099.5	2210	710.1	85	0	0	85
8/13/2020	17	1099.5	2230	710.3	85	0	0	85
8/13/2020	18	1099.5	2210	710.2	85	0	0	85
8/13/2020	19	1099.5	2230	710.1	85	0	0	85
8/13/2020	20	1099.5	2210	710.0	85	0	0	85
8/13/2020	21	1099.5	1190	709.9	85	0	0	85
8/13/2020	22	1099.5	1110	709.7	85	0	0	85
8/13/2020	23	1099.5	240	709.5	85	0	0	85
8/13/2020	24	1099.5	0	709.5	85	0	0	85
8/14/2020	1	1099.5	0	709.4	85	0	0	85
8/14/2020	2	1099.5	0	709.3	85	0	0	85
8/14/2020	3	1099.5	0	709.1	85	0	0	85
8/14/2020	4	1099.5	0	709.0	85	0	0	85
8/14/2020	5	1099.5	10	709.0	85	0	0	85
8/14/2020	6	1099.5	10	709.1	85	0	0	85
8/14/2020	7	1099.5	1110	709.2	85	0	0	85
8/14/2020	8	1099.5	1190	708.9	86	0	0	86
8/14/2020	9	1099.5	1190	709.2	85	0	0	85
8/14/2020	10	1099.5	1200	709.2	85	0	0	85
8/14/2020	11	1099.5	1190	709.3	85	0	0	85
8/14/2020	12	1099.5	1220	709.4	85	0	0	85
8/14/2020	13	1099.5	2230	709.7	85	0	0	85
8/14/2020	14	1099.5	2230	709.7	85	0	0	85
8/14/2020	15	1099.5	2240	709.8	85	0	0	85
8/14/2020	16	1099.5	2230	709.7	85	0	0	85
8/14/2020	17	1099.5	2230	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)
8/14/2020	18	1099.5	2240	709.7	85	0	0	85
8/14/2020	19	1099.5	2240	709.7	85	0	0	85
8/14/2020	20	1099.5	2190	709.7	85	0	0	85
8/14/2020	21	1099.5	1290	709.8	85	0	0	85
8/14/2020	22	1099.5	1200	710.1	85	0	0	85
8/14/2020	23	1099.5	120	709.9	85	0	0	85
8/14/2020	24	1099.5	0	709.9	85	0	0	85
8/15/2020	1	1099.5	0	709.6	85	0	0	85
8/15/2020	2	1099.5	0	709.1	85	0	0	85
8/15/2020	3	1099.5	0	708.7	85	0	0	85
8/15/2020	4	1099.5	0	708.8	85	0	0	85
8/15/2020	5	1099.5	0	708.7	85	0	0	85
8/15/2020	6	1099.5	40	708.7	85	0	0	85
8/15/2020	7	1099.5	660	708.7	85	0	0	85
8/15/2020	8	1099.5	670	708.3	85	0	0	85
8/15/2020	9	1099.5	670	708.2	85	0	0	85
8/15/2020	10	1099.5	670	708.2	85	0	0	85
8/15/2020	11	1099.5	680	708.8	85	0	0	85
8/15/2020	12	1099.5	1130	709.1	85	0	0	85
8/15/2020	13	1099.5	2010	709.6	85	0	0	85
8/15/2020	14	1099.5	2390	710.1	85	0	0	85
8/15/2020	15	1099.5	2410	710.3	85	0	0	85
8/15/2020	16	1099.4	2370	710.2	85	0	0	85
8/15/2020	17	1099.4	2390	710.1	85	0	0	85
8/15/2020	18	1099.4	2330	710.1	85	0	0	85
8/15/2020	19	1099.4	2230	710.0	85	0	0	85
8/15/2020	20	1099.4	2200	710.0	85	0	0	85
8/15/2020	21	1099.4	1330	709.7	85	0	0	85
8/15/2020	22	1099.4	1330	709.6	85	0	0	85
8/15/2020	23	1099.4	90	709.4	85	0	0	85
8/15/2020	24	1099.5	0	709.4	85	0	0	85
8/16/2020	1	1099.4	0	709.4	85	0	0	85
8/16/2020	2	1099.4	0	709.5	85	0	0	85
8/16/2020	3	1099.4	0	709.3	85	0	0	85
8/16/2020	4	1099.5	0	709.0	85	0	0	85
8/16/2020	5	1099.4	0	709.0	85	0	0	85
8/16/2020	6	1099.4	0	708.8	85	0	0	85
8/16/2020	7	1099.5	2120	709.2	85	0	0	85
8/16/2020	8	1099.5	2380	709.1	85	0	0	85
8/16/2020	9	1099.4	2390	709.2	85	0	0	85
8/16/2020	10	1099.4	2390	709.1	85	0	0	85
8/16/2020	11	1099.4	2380	709.0	85	0	0	85
8/16/2020	12	1099.4	2380	709.0	85	0	0	85
8/16/2020	13	1099.4	2380	709.1	85	0	0	85
8/16/2020	14	1099.4	2380	709.0	85	0	0	85
8/16/2020	15	1099.4	2380	709.1	85	0	0	85
8/16/2020	16	1099.4	2380	709.1	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)
8/16/2020	17	1099.4	2380	709.1	85	0	0	85
8/16/2020	18	1099.4	2370	709.1	85	0	0	85
8/16/2020	19	1099.4	2370	709.2	85	0	0	85
8/16/2020	20	1099.4	2370	709.1	85	0	0	85
8/16/2020	21	1099.4	2380	709.2	85	0	0	85
8/16/2020	22	1099.4	2370	709.6	85	0	0	85
8/16/2020	23	1099.4	210	709.2	85	0	0	85
8/16/2020	24	1099.4	0	709.3	85	0	0	85
8/17/2020	1	1099.4	0	709.0	85	0	0	85
8/17/2020	2	1099.4	0	709.1	85	0	0	85
8/17/2020	3	1099.4	0	709.3	85	0	0	85
8/17/2020	4	1099.4	0	709.4	85	0	0	85
8/17/2020	5	1099.4	10	709.5	85	0	0	85
8/17/2020	6	1099.4	30	709.6	85	0	0	85
8/17/2020	7	1099.4	2270	709.7	85	0	0	85
8/17/2020	8	1099.4	2390	709.5	85	0	0	85
8/17/2020	9	1099.4	2380	709.3	85	0	0	85
8/17/2020	10	1099.4	2380	709.1	85	0	0	85
8/17/2020	11	1099.4	2390	709.0	85	0	0	85
8/17/2020	12	1099.4	2380	709.0	85	0	0	85
8/17/2020	13	1099.4	2370	708.9	85	0	0	85
8/17/2020	14	1099.4	2380	708.9	85	0	0	85
8/17/2020	15	1099.4	2380	708.9	85	0	0	85
8/17/2020	16	1099.4	2370	708.8	85	0	0	85
8/17/2020	17	1099.4	2380	708.8	85	0	0	85
8/17/2020	18	1099.4	2370	708.9	85	0	0	85
8/17/2020	19	1099.4	2350	709.0	85	0	0	85
8/17/2020	20	1099.4	2360	709.0	85	0	0	85
8/17/2020	21	1099.4	2350	709.2	85	0	0	85
8/17/2020	22	1099.4	2360	709.2	85	0	0	85
8/17/2020	23	1099.4	340	708.8	85	0	0	85
8/17/2020	24	1099.4	0	708.9	85	0	0	85
8/18/2020	1	1099.4	0	708.9	85	0	0	85
8/18/2020	2	1099.4	0	708.8	85	0	0	85
8/18/2020	3	1099.4	0	709.0	85	0	0	85
8/18/2020	4	1099.4	0	709.0	85	0	0	85
8/18/2020	5	1099.4	0	709.0	85	0	0	85
8/18/2020	6	1099.4	80	709.1	85	0	0	85
8/18/2020	7	1099.4	2330	709.6	85	0	0	85
8/18/2020	8	1099.4	2390	709.6	85	0	0	85
8/18/2020	9	1099.4	2390	709.8	85	0	0	85
8/18/2020	10	1099.4	2390	709.7	85	0	0	85
8/18/2020	11	1099.4	2390	709.5	85	0	0	85
8/18/2020	12	1099.4	2390	709.5	85	0	0	85
8/18/2020	13	1099.4	2380	709.5	85	0	0	85
8/18/2020	14	1099.3	2380	709.5	85	0	0	85
8/18/2020	15	1099.3	2380	709.4	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)
8/18/2020	16	1099.3	2370	709.4	85	0	0	85
8/18/2020	17	1099.3	2380	709.5	85	0	0	85
8/18/2020	18	1099.3	2370	709.4	85	0	0	85
8/18/2020	19	1099.3	2360	709.4	85	0	0	85
8/18/2020	20	1099.4	2350	709.7	85	0	0	85
8/18/2020	21	1099.4	2360	709.9	85	0	0	85
8/18/2020	22	1099.3	2370	710.1	85	0	0	85
8/18/2020	23	1099.4	310	710.0	85	0	0	85
8/18/2020	24	1099.4	0	710.1	85	0	0	85
8/19/2020	1	1099.4	0	709.9	85	0	0	85
8/19/2020	2	1099.4	0	709.7	85	0	0	85
8/19/2020	3	1099.4	0	709.5	85	0	0	85
8/19/2020	4	1099.4	0	709.6	85	0	0	85
8/19/2020	5	1099.3	0	709.8	85	0	0	85
8/19/2020	6	1099.3	370	709.9	86	0	0	86
8/19/2020	7	1099.3	2390	710.2	85	0	0	85
8/19/2020	8	1099.3	2390	710.1	85	0	0	85
8/19/2020	9	1099.3	2380	709.9	85	0	0	85
8/19/2020	10	1099.3	2390	709.7	85	0	0	85
8/19/2020	11	1099.3	2390	709.8	85	0	0	85
8/19/2020	12	1099.3	2390	709.5	85	0	0	85
8/19/2020	13	1099.3	2390	709.5	85	0	0	85
8/19/2020	14	1099.3	2390	709.3	85	0	0	85
8/19/2020	15	1099.3	2390	709.1	85	0	0	85
8/19/2020	16	1099.3	2370	709.0	85	0	0	85
8/19/2020	17	1099.3	2370	708.9	85	0	0	85
8/19/2020	18	1099.3	2370	708.9	85	0	0	85
8/19/2020	19	1099.3	2380	708.9	85	0	0	85
8/19/2020	20	1099.3	2380	709.0	85	0	0	85
8/19/2020	21	1099.3	2370	709.1	85	0	0	85
8/19/2020	22	1099.3	2380	709.2	85	0	0	85
8/19/2020	23	1099.3	70	708.8	85	0	0	85
8/19/2020	24	1099.3	10	708.9	85	0	0	85
8/20/2020	1	1099.3	10	708.7	85	0	0	85
8/20/2020	2	1099.3	10	708.7	85	0	0	85
8/20/2020	3	1099.3	10	708.7	85	0	0	85
8/20/2020	4	1099.3	10	708.7	85	0	0	85
8/20/2020	5	1099.3	10	708.6	85	0	0	85
8/20/2020	6	1099.3	190	708.5	85	0	0	85
8/20/2020	7	1099.3	2370	709.1	85	0	0	85
8/20/2020	8	1099.3	2390	709.0	85	0	0	85
8/20/2020	9	1099.3	2390	709.0	85	0	0	85
8/20/2020	10	1099.3	2390	709.0	85	0	0	85
8/20/2020	11	1099.3	2390	709.2	85	0	0	85
8/20/2020	12	1099.3	2390	709.2	85	0	0	85
8/20/2020	13	1099.3	2390	709.2	85	0	0	85
8/20/2020	14	1099.3	2390	709.1	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)
8/20/2020	15	1099.3	2380	709.1	85	0	0	85
8/20/2020	16	1099.3	2390	709.2	85	0	0	85
8/20/2020	17	1099.3	2380	709.3	85	0	0	85
8/20/2020	18	1099.2	2380	709.4	85	0	0	85
8/20/2020	19	1099.2	2370	709.7	85	0	0	85
8/20/2020	20	1099.3	2380	709.8	85	0	0	85
8/20/2020	21	1099.3	2390	710.1	85	0	0	85
8/20/2020	22	1099.2	2380	710.1	85	0	0	85
8/20/2020	23	1099.2	110	709.7	85	0	0	85
8/20/2020	24	1099.2	10	710.0	85	0	0	85
8/21/2020	1	1099.2	10	710.0	85	0	0	85
8/21/2020	2	1099.3	10	709.7	85	0	0	85
8/21/2020	3	1099.2	10	709.5	85	0	0	85
8/21/2020	4	1099.2	10	709.5	85	0	0	85
8/21/2020	5	1099.2	10	709.5	85	0	0	85
8/21/2020	6	1099.3	150	709.6	85	0	0	85
8/21/2020	7	1099.2	1050	709.6	85	0	0	85
8/21/2020	8	1099.2	1060	709.6	85	0	0	85
8/21/2020	9	1099.2	1050	709.5	85	0	0	85
8/21/2020	10	1099.2	1290	709.5	85	0	0	85
8/21/2020	11	1099.2	1050	709.2	85	0	0	85
8/21/2020	12	1099.2	1050	709.1	85	0	0	85
8/21/2020	13	1099.2	1050	708.9	85	0	0	85
8/21/2020	14	1099.3	1050	709.0	85	0	0	85
8/21/2020	15	1099.2	1050	709.3	85	0	0	85
8/21/2020	16	1099.3	1050	709.3	85	0	0	85
8/21/2020	17	1099.3	1050	709.4	85	0	0	85
8/21/2020	18	1099.2	1050	709.5	85	0	0	85
8/21/2020	19	1099.3	1040	709.6	85	0	0	85
8/21/2020	20	1099.3	1050	709.7	85	0	0	85
8/21/2020	21	1099.3	1050	709.9	85	0	0	85
8/21/2020	22	1099.3	1050	710.1	85	0	0	85
8/21/2020	23	1099.2	100	710.2	85	0	0	85
8/21/2020	24	1099.2	0	710.2	85	0	0	85
8/22/2020	1	1099.2	0	709.7	85	0	0	85
8/22/2020	2	1099.3	0	709.6	85	0	0	85
8/22/2020	3	1099.3	10	709.6	85	0	0	85
8/22/2020	4	1099.2	0	709.6	85	0	0	85
8/22/2020	5	1099.2	10	709.9	85	0	0	85
8/22/2020	6	1099.3	20	709.9	85	0	0	85
8/22/2020	7	1099.3	1020	709.6	85	0	0	85
8/22/2020	8	1099.2	1050	709.0	85	0	0	85
8/22/2020	9	1099.2	1050	708.9	85	0	0	85
8/22/2020	10	1099.3	1050	708.9	85	0	0	85
8/22/2020	11	1099.3	1050	708.7	85	0	0	85
8/22/2020	12	1099.2	1050	708.5	85	0	0	85
8/22/2020	13	1099.2	1050	708.3	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)
8/22/2020	14	1099.2	1050	708.1	85	0	0	85
8/22/2020	15	1099.3	1050	708.0	85	0	0	85
8/22/2020	16	1099.2	1050	708.0	85	0	0	85
8/22/2020	17	1099.2	1050	708.2	85	0	0	85
8/22/2020	18	1099.2	1050	708.6	85	0	0	85
8/22/2020	19	1099.2	1050	709.1	85	0	0	85
8/22/2020	20	1099.3	1050	709.4	85	0	0	85
8/22/2020	21	1099.3	1050	709.6	85	0	0	85
8/22/2020	22	1099.2	1050	709.8	85	0	0	85
8/22/2020	23	1099.2	70	709.7	85	0	0	85
8/22/2020	24	1099.3	10	709.5	85	0	0	85
8/23/2020	1	1099.3	10	709.5	85	0	0	85
8/23/2020	2	1099.2	10	709.4	85	0	0	85
8/23/2020	3	1099.3	10	709.2	85	0	0	85
8/23/2020	4	1099.3	10	708.8	85	0	0	85
8/23/2020	5	1099.3	10	708.6	85	0	0	85
8/23/2020	6	1099.2	10	708.4	85	0	0	85
8/23/2020	7	1099.2	10	708.1	85	0	0	85
8/23/2020	8	1099.3	10	707.8	85	0	0	85
8/23/2020	9	1099.3	10	708.0	85	0	0	85
8/23/2020	10	1099.3	10	707.8	85	0	0	85
8/23/2020	11	1099.2	10	707.7	85	0	0	85
8/23/2020	12	1099.2	10	707.7	85	0	0	85
8/23/2020	13	1099.3	10	707.6	85	0	0	85
8/23/2020	14	1099.3	10	707.6	85	0	0	85
8/23/2020	15	1099.3	10	707.8	85	0	0	85
8/23/2020	16	1099.2	10	707.8	85	0	0	85
8/23/2020	17	1099.3	10	708.0	85	0	0	85
8/23/2020	18	1099.3	10	708.4	85	0	0	85
8/23/2020	19	1099.3	10	708.6	85	0	0	85
8/23/2020	20	1099.3	10	708.4	86	0	0	86
8/23/2020	21	1099.3	10	708.2	85	0	0	85
8/23/2020	22	1099.3	10	708.4	85	0	0	85
8/23/2020	23	1099.3	10	708.2	85	0	0	85
8/23/2020	24	1099.3	10	708.4	85	0	0	85
8/24/2020	1	1099.3	10	708.4	85	0	0	85
8/24/2020	2	1099.3	10	708.1	85	0	0	85
8/24/2020	3	1099.3	10	707.9	85	0	0	85
8/24/2020	4	1099.3	10	707.8	85	0	0	85
8/24/2020	5	1099.3	10	707.6	85	0	0	85
8/24/2020	6	1099.3	30	707.5	85	0	0	85
8/24/2020	7	1099.3	1060	707.7	85	0	0	85
8/24/2020	8	1099.3	1050	707.5	85	0	0	85
8/24/2020	9	1099.3	1050	707.5	85	0	0	85
8/24/2020	10	1099.3	1050	707.6	85	0	0	85
8/24/2020	11	1099.3	1050	707.5	85	0	0	85
8/24/2020	12	1099.3	1050	707.6	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)
8/24/2020	13	1099.2	1050	707.6	85	0	0	85
8/24/2020	14	1099.3	1050	707.6	85	0	0	85
8/24/2020	15	1099.3	1050	707.5	85	0	0	85
8/24/2020	16	1099.3	1040	707.6	85	0	0	85
8/24/2020	17	1099.3	1040	707.7	85	0	0	85
8/24/2020	18	1099.3	1050	707.8	85	0	0	85
8/24/2020	19	1099.3	1040	707.9	85	0	0	85
8/24/2020	20	1099.3	1040	707.9	85	0	0	85
8/24/2020	21	1099.3	1040	708.1	85	0	0	85
8/24/2020	22	1099.3	1040	708.0	85	0	0	85
8/24/2020	23	1099.3	70	707.5	85	0	0	85
8/24/2020	24	1099.3	10	707.5	85	0	0	85
8/25/2020	1	1099.3	10	707.5	85	0	0	85
8/25/2020	2	1099.3	10	707.6	85	0	0	85
8/25/2020	3	1099.3	10	707.9	85	0	0	85
8/25/2020	4	1099.3	10	707.6	85	0	0	85
8/25/2020	5	1099.3	10	707.6	85	0	0	85
8/25/2020	6	1099.3	10	707.6	85	0	0	85
8/25/2020	7	1099.3	1000	707.8	85	0	0	85
8/25/2020	8	1099.3	1040	707.7	85	0	0	85
8/25/2020	9	1099.3	1050	707.7	85	0	0	85
8/25/2020	10	1099.3	1050	707.7	85	0	0	85
8/25/2020	11	1099.3	1060	707.5	85	0	0	85
8/25/2020	12	1099.3	1060	707.6	85	0	0	85
8/25/2020	13	1099.3	1070	707.8	85	0	0	85
8/25/2020	14	1099.3	1060	708.0	85	0	0	85
8/25/2020	15	1099.3	1060	708.0	85	0	0	85
8/25/2020	16	1099.3	1060	708.2	85	0	0	85
8/25/2020	17	1099.3	1060	708.5	85	0	0	85
8/25/2020	18	1099.3	1070	708.8	85	0	0	85
8/25/2020	19	1099.3	1060	709.0	85	0	0	85
8/25/2020	20	1099.3	1060	709.0	85	0	0	85
8/25/2020	21	1099.3	1060	709.1	85	0	0	85
8/25/2020	22	1099.3	1060	709.2	85	0	0	85
8/25/2020	23	1099.3	80	709.2	85	0	0	85
8/25/2020	24	1099.3	10	709.2	85	0	0	85
8/26/2020	1	1099.3	10	709.3	85	0	0	85
8/26/2020	2	1099.3	10	709.0	85	0	0	85
8/26/2020	3	1099.3	10	708.9	85	0	0	85
8/26/2020	4	1099.3	10	709.0	85	0	0	85
8/26/2020	5	1099.3	10	709.1	85	0	0	85
8/26/2020	6	1099.3	40	709.3	85	0	0	85
8/26/2020	7	1099.3	1060	709.6	85	0	0	85
8/26/2020	8	1099.3	1060	709.7	85	0	0	85
8/26/2020	9	1099.3	1050	709.5	85	0	0	85
8/26/2020	10	1099.3	1060	709.6	85	0	0	85
8/26/2020	11	1099.3	1060	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)
8/26/2020	12	1099.3	1060	709.7	85	0	0	85
8/26/2020	13	1099.2	1050	709.6	85	0	0	85
8/26/2020	14	1099.2	1060	709.6	85	0	0	85
8/26/2020	15	1099.3	1050	709.7	85	0	0	85
8/26/2020	16	1099.3	1050	709.7	85	0	0	85
8/26/2020	17	1099.3	1060	709.8	85	0	0	85
8/26/2020	18	1099.2	1060	709.9	85	0	0	85
8/26/2020	19	1099.3	1050	709.8	85	0	0	85
8/26/2020	20	1099.3	1050	709.6	85	0	0	85
8/26/2020	21	1099.3	1050	709.6	85	0	0	85
8/26/2020	22	1099.3	1050	709.7	85	0	0	85
8/26/2020	23	1099.3	140	709.8	85	0	0	85
8/26/2020	24	1099.3	0	709.6	85	0	0	85
8/27/2020	1	1099.3	10	709.6	85	0	0	85
8/27/2020	2	1099.3	0	709.7	85	0	0	85
8/27/2020	3	1099.3	0	709.7	85	0	0	85
8/27/2020	4	1099.3	0	709.6	85	0	0	85
8/27/2020	5	1099.3	10	709.8	85	0	0	85
8/27/2020	6	1099.3	40	709.7	85	0	0	85
8/27/2020	7	1099.3	1040	709.8	85	0	0	85
8/27/2020	8	1099.3	1050	709.7	85	0	0	85
8/27/2020	9	1099.3	1050	709.6	85	0	0	85
8/27/2020	10	1099.3	1050	709.5	85	0	0	85
8/27/2020	11	1099.2	1050	709.6	85	0	0	85
8/27/2020	12	1099.2	1050	709.6	85	0	0	85
8/27/2020	13	1099.3	1060	709.5	85	0	0	85
8/27/2020	14	1099.2	1050	709.6	85	0	0	85
8/27/2020	15	1099.2	1050	709.5	85	0	0	85
8/27/2020	16	1099.2	1050	709.6	85	0	0	85
8/27/2020	17	1099.3	1050	709.6	85	0	0	85
8/27/2020	18	1099.2	1050	709.5	85	0	0	85
8/27/2020	19	1099.2	1040	709.5	85	0	0	85
8/27/2020	20	1099.2	1040	709.5	85	0	0	85
8/27/2020	21	1099.3	1040	709.5	85	0	0	85
8/27/2020	22	1099.3	1050	709.7	85	0	0	85
8/27/2020	23	1099.2	130	709.8	85	0	0	85
8/27/2020	24	1099.2	0	709.9	85	0	0	85
8/28/2020	1	1099.2	10	709.6	85	0	0	85
8/28/2020	2	1099.3	10	709.2	85	0	0	85
8/28/2020	3	1099.2	0	709.1	85	0	0	85
8/28/2020	4	1099.2	0	709.2	85	0	0	85
8/28/2020	5	1099.3	10	709.1	85	0	0	85
8/28/2020	6	1099.2	30	709.1	85	0	0	85
8/28/2020	7	1099.2	1210	709.1	85	0	0	85
8/28/2020	8	1099.2	1200	709.0	85	0	0	85
8/28/2020	9	1099.2	1200	709.2	85	0	0	85
8/28/2020	10	1099.2	1210	709.0	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)
8/28/2020	11	1099.2	1210	708.9	85	0	0	85
8/28/2020	12	1099.2	1210	709.0	85	0	0	85
8/28/2020	13	1099.2	1210	709.3	85	0	0	85
8/28/2020	14	1099.2	1210	709.6	85	0	0	85
8/28/2020	15	1099.2	1210	709.8	85	0	0	85
8/28/2020	16	1099.2	1200	710.0	85	0	0	85
8/28/2020	17	1099.2	1220	710.0	85	0	0	85
8/28/2020	18	1099.2	1210	710.1	85	0	0	85
8/28/2020	19	1099.2	1200	710.0	85	0	0	85
8/28/2020	20	1099.2	1210	709.8	85	0	0	85
8/28/2020	21	1099.2	1200	709.6	85	0	0	85
8/28/2020	22	1099.2	1200	709.6	85	0	0	85
8/28/2020	23	1099.2	190	709.5	85	0	0	85
8/28/2020	24	1099.2	10	709.4	85	0	0	85
8/29/2020	1	1099.2	10	709.1	85	0	0	85
8/29/2020	2	1099.2	10	709.3	85	0	0	85
8/29/2020	3	1099.2	10	709.1	85	0	0	85
8/29/2020	4	1099.2	10	709.0	85	0	0	85
8/29/2020	5	1099.2	10	709.0	85	0	0	85
8/29/2020	6	1099.2	100	708.9	85	0	0	85
8/29/2020	7	1099.2	1200	708.9	85	0	0	85
8/29/2020	8	1099.2	1200	708.8	85	0	0	85
8/29/2020	9	1099.2	1190	708.5	85	0	0	85
8/29/2020	10	1099.2	1190	708.2	85	0	0	85
8/29/2020	11	1099.2	1200	708.2	85	0	0	85
8/29/2020	12	1099.2	1190	708.1	85	0	0	85
8/29/2020	13	1099.2	1200	708.0	85	0	0	85
8/29/2020	14	1099.2	1200	707.8	85	0	0	85
8/29/2020	15	1099.2	1200	707.8	85	0	0	85
8/29/2020	16	1099.2	1200	707.9	85	0	0	85
8/29/2020	17	1099.2	1200	708.1	85	0	0	85
8/29/2020	18	1099.2	1200	708.1	85	0	0	85
8/29/2020	19	1099.2	1190	708.5	85	0	0	85
8/29/2020	20	1099.2	1190	708.7	85	0	0	85
8/29/2020	21	1099.2	1190	708.9	85	0	0	85
8/29/2020	22	1099.2	1200	709.0	85	0	0	85
8/29/2020	23	1099.2	60	709.1	85	0	0	85
8/29/2020	24	1099.2	0	709.3	85	0	0	85
8/30/2020	1	1099.2	0	709.4	85	0	0	85
8/30/2020	2	1099.2	0	708.9	85	0	0	85
8/30/2020	3	1099.2	0	708.7	85	0	0	85
8/30/2020	4	1099.2	10	708.5	85	0	0	85
8/30/2020	5	1099.2	10	708.3	85	0	0	85
8/30/2020	6	1099.2	10	707.9	85	0	0	85
8/30/2020	7	1099.2	0	707.8	85	0	0	85
8/30/2020	8	1099.2	10	707.7	85	0	0	85
8/30/2020	9	1099.2	0	707.3	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)
8/30/2020	10	1099.2	10	707.2	85	0	0	85
8/30/2020	11	1099.2	10	707.3	85	0	0	85
8/30/2020	12	1099.1	10	707.0	85	0	0	85
8/30/2020	13	1099.1	10	706.9	85	0	0	85
8/30/2020	14	1099.1	10	706.9	85	0	0	85
8/30/2020	15	1099.1	10	707.2	85	0	0	85
8/30/2020	16	1099.1	10	707.4	85	0	0	85
8/30/2020	17	1099.2	10	707.6	85	0	0	85
8/30/2020	18	1099.1	10	707.7	85	0	0	85
8/30/2020	19	1099.2	10	707.9	85	0	0	85
8/30/2020	20	1099.2	10	707.7	85	0	0	85
8/30/2020	21	1099.2	10	707.8	85	0	0	85
8/30/2020	22	1099.2	10	707.9	85	0	0	85
8/30/2020	23	1099.2	10	708.0	85	0	0	85
8/30/2020	24	1099.2	10	707.6	85	0	0	85
8/31/2020	1	1099.2	10	707.4	85	0	0	85
8/31/2020	2	1099.2	10	707.5	85	0	0	85
8/31/2020	3	1099.1	10	706.7	85	0	0	85
8/31/2020	4	1099.1	10	706.7	85	0	0	85
8/31/2020	5	1099.1	10	706.5	85	0	0	85
8/31/2020	6	1099.2	70	706.4	85	0	0	85
8/31/2020	7	1099.1	680	706.9	85	0	0	85
8/31/2020	8	1099.1	680	707.2	85	0	0	85
8/31/2020	9	1099.1	990	707.5	85	0	0	85
8/31/2020	10	1099.1	1190	707.7	85	0	0	85
8/31/2020	11	1099.1	1200	707.8	85	0	0	85
8/31/2020	12	1099.1	1200	708.2	85	0	0	85
8/31/2020	13	1099.1	1200	708.4	85	0	0	85
8/31/2020	14	1099.1	1200	708.6	85	0	0	85
8/31/2020	15	1099.1	1210	708.8	85	0	0	85
8/31/2020	16	1099.1	1200	709.0	85	0	0	85
8/31/2020	17	1099.1	1200	709.0	85	0	0	85
8/31/2020	18	1099.1	1200	708.8	85	0	0	85
8/31/2020	19	1099.1	1200	708.7	85	0	0	85
8/31/2020	20	1099.1	1200	708.8	85	0	0	85
8/31/2020	21	1099.1	1200	709.1	85	0	0	85
8/31/2020	22	1099.1	1210	709.2	85	0	0	85
8/31/2020	23	1099.1	60	709.4	85	0	0	85
8/31/2020	24	1099.1	10	709.6	85	0	0	85