Kate Taylor

From:	Scott Hopkins
Sent:	Monday, August 29, 2022 10:15 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
Cc:	Martha Whiteman; 'Fatima Oswald'; Kate Taylor
Subject:	2022 Chelan River Flow Monitoring Data - July Reports
Attachments:	2022 Daily Average Flow Data July Report.pdf; 2022 Hourly Flow Data July Report.pdf
Categories:	Compliance

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

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)
License Article 405a - Hourly and Daily Average Flow Data July Reports - 2022

Dear Chelan River Fishery Forum and Other Parties:

This email is to provide you, in the attached files, with the written flow information for July 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)
7/1/2022	1098.5	2303	712.0	206	3331	0	3537
7/2/2022	1098.6	2301	711.6	205	3352	0	3557
7/3/2022	1098.7	2295	711.1	205	3387	0	3593
7/4/2022	1098.9	2302	711.8	205	3416	0	3621
7/5/2022	1099.0	2298	711.6	205	3013	0	3218
7/6/2022	1099.0	2291	711.3	205	2809	0	3014
7/7/2022	1099.1	2320	711.7	205	2820	0	3025
7/8/2022	1099.1	2329	711.8	205	2826	0	3031
7/9/2022	1099.2	2330	711.9	205	2832	0	3037
7/10/2022	1099.2	2331	711.6	205	2836	0	3041
7/11/2022	1099.2	2333	712.1	205	2836	0	3041
7/12/2022	1099.2	2331	712.1	206	2839	0	3045
7/13/2022	1099.3	2343	711.5	206	2699	0	2905
7/14/2022	1099.4	2376	711.3	206	2341	0	2547
7/15/2022	1099.3	2378	711.3	206	2297	0	2503
7/16/2022	1099.3	2376	711.0	206	2296	0	2502
7/17/2022	1099.4	2373	710.8	206	2296	0	2502
7/18/2022	1099.3	2343	710.4	206	1995	0	2201
7/19/2022	1099.3	2345	710.2	148	1535	0	1682
7/20/2022	1099.3	2378	710.4	105	1396	0	1501
7/21/2022	1099.3	2372	710.1	92	1115	0	1207
7/22/2022	1099.3	2368	709.6	85	917	0	1002
7/23/2022	1099.3	2370	709.6	85	917	0	1002
7/24/2022	1099.3	2369	709.6	85	916	0	1001
7/25/2022	1099.3	2373	709.7	85	916	0	1001
7/26/2022	1099.3	2373	709.7	85	680	0	765
7/27/2022	1099.4	2372	709.5	86	516	0	602
7/28/2022	1099.4	2376	710.0	87	446	0	533
7/29/2022	1099.5	2375	709.5	87	369	0	455
7/30/2022	1099.5	2376	709.6	87	279	0	366
7/31/2022	1099.5	2376	709.9	87	134	0	221

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)
7/1/2022	1	1098.4	2300	712.3	206	3328	0	3534
7/1/2022	2	1098.4	2290	712.1	205	3329	0	3533
7/1/2022	3	1098.4	2280	711.9	206	3329	0	3535
7/1/2022	4	1098.4	2290	711.8	206	3329	0	3535
7/1/2022	5	1098.4	2300	711.9	206	3329	0	3535
7/1/2022	6	1098.4	2310	711.8	206	3329	0	3536
7/1/2022	7	1098.4	2300	711.6	206	3327	0	3533
7/1/2022	8	1098.5	2300	711.5	206	3326	0	3532
7/1/2022	9	1098.5	2310	711.7	205	3325	0	3531
7/1/2022	10	1098.5	2310	711.8	206	3325	0	3531
7/1/2022	11	1098.5	2310	711.8	206	3324	0	3530
7/1/2022	12	1098.5	2310	711.7	206	3324	0	3530
7/1/2022	13	1098.5	2310	711.7	206	3325	0	3530
7/1/2022	14	1098.5	2310	711.7	206	3326	0	3532
7/1/2022	15	1098.5	2310	711.8	206	3326	0	3532
7/1/2022	16	1098.5	2300	712.1	205	3327	0	3532
7/1/2022	17	1098.5	2300	712.3	206	3328	0	3533
7/1/2022	18	1098.5	2320	712.3	205	3330	0	3535
7/1/2022	19	1098.5	2300	712.4	206	3336	0	3542
7/1/2022	20	1098.5	2300	712.4	206	3341	0	3547
7/1/2022	21	1098.5	2290	712.4	207	3343	0	3550
7/1/2022	22	1098.5	2320	712.4	206	3343	0	3549
7/1/2022	23	1098.5	2300	712.4	205	3346	0	3550
7/1/2022	24	1098.5	2300	712.2	206	3347	0	3552
7/2/2022	1	1098.5	2320	712.3	207	3347	0	3554
7/2/2022	2	1098.5	2290	711.9	205	3345	0	3550
7/2/2022	3	1098.5	2300	711.7	206	3346	0	3552
7/2/2022	4	1098.5	2300	711.6	205	3346	0	3551
7/2/2022	5	1098.5	2300	711.6	207	3347	0	3553
7/2/2022	6	1098.5	2310	711.6	205	3346	0	3551
7/2/2022	7	1098.5	2300	711.6	205	3346	0	3551
7/2/2022	8	1098.5	2300	711.6	205	3346	0	3551
7/2/2022	9	1098.5	2290	711.6	205	3347	0	3552
7/2/2022	10	1098.6	2310	711.7	205	3347	0	3553
7/2/2022	11	1098.6	2310	711.7	205	3348	0	3553
7/2/2022	12	1098.6	2310	711.6	205	3347	0	3552
7/2/2022	13	1098.5	2300	711.6	205	3349	0	3554
7/2/2022	14	1098.6	2310	711.6	206	3350	0	3556
7/2/2022	15	1098.6	2320	711.6	206	3350	0	3555
7/2/2022	16	1098.6	2290	711.6	205	3351	0	3556
7/2/2022	17	1098.6	2290	711.6	205	3350	0	3555
7/2/2022	18	1098.6	2290	711.7	205	3353	0	3558
7/2/2022	19	1098.6	2320	711.6	205	3358	0	3563
7/2/2022	20	1098.6	2290	711.6	205	3357	0	3562
7/2/2022	21	1098.6	2280	711.5	205	3365	0	3570
7/2/2022	22	1098.6	2300	711.4	205	3366	0	3571

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)
7/2/2022	23	1098.6	2300	711.1	205	3367	0	3572
7/2/2022	24	1098.6	2290	711.0	205	3367	0	3572
7/3/2022	1	1098.6	2310	711.2	205	3366	0	3571
7/3/2022	2	1098.6	2310	711.3	206	3366	0	3572
7/3/2022	3	1098.6	2290	711.4	205	3367	0	3572
7/3/2022	4	1098.6	2280	711.1	205	3367	0	3573
7/3/2022	5	1098.7	2280	710.9	205	3369	0	3574
7/3/2022	6	1098.7	2310	710.8	205	3372	0	3578
7/3/2022	7	1098.7	2290	710.9	205	3372	0	3577
7/3/2022	8	1098.7	2270	711.0	205	3376	0	3581
7/3/2022	9	1098.7	2290	711.0	205	3382	0	3587
7/3/2022	10	1098.7	2300	711.1	205	3386	0	3591
7/3/2022	11	1098.7	2300	711.0	205	3386	0	3591
7/3/2022	12	1098.7	2300	711.2	205	3388	0	3593
7/3/2022	13	1098.8	2280	711.0	205	3390	0	3595
7/3/2022	14	1098.8	2280	711.1	205	3401	0	3606
7/3/2022	15	1098.8	2280	711.1	205	3397	0	3602
7/3/2022	16	1098.8	2280	710.9	205	3395	0	3600
7/3/2022	17	1098.8	2310	711.1	205	3398	0	3603
7/3/2022	18	1098.8	2320	711.2	205	3404	0	3609
7/3/2022	19	1098.8	2310	711.3	205	3399	0	3604
7/3/2022	20	1098.8	2300	711.5	205	3399	0	3604
7/3/2022	21	1098.8	2300	711.4	205	3403	0	3609
7/3/2022	22	1098.8	2310	711.3	205	3408	0	3613
7/3/2022	23	1098.8	2290	711.5	205	3404	0	3609
7/3/2022	24	1098.8	2290	711.5	205	3405	0	3609
7/4/2022	1	1098.8	2280	711.5	205	3409	0	3614
7/4/2022	2	1098.9	2300	711.7	205	3412	0	3617
7/4/2022	3	1098.9	2310	711.9	206	3410	0	3616
7/4/2022	4	1098.8	2320	711.8	205	3409	0	3614
7/4/2022	5	1098.9	2310	711.7	205	3413	0	3618
7/4/2022	6	1098.9	2300	711.7	206	3414	0	3619
7/4/2022	7	1098.9	2280	711.5	205	3413	0	3618
7/4/2022	8	1098.8	2280	711.5	205	3412	0	3616
7/4/2022	9	1098.9	2300	711.6	205	3413	0	3618
7/4/2022	10	1098.9	2320	711.6	206	3415	0	3621
7/4/2022	11	1098.9	2310	711.6	205	3415	0	3620
7/4/2022	12	1098.9	2320	711.8	205	3412	0	3617
7/4/2022	13	1098.9	2310	712.1	205	3415	0	3620
7/4/2022	14	1098.9	2300	712.3	205	3421	0	3626
7/4/2022	15	1098.9	2310	712.5	205	3423	0	3629
7/4/2022	16	1098.9	2320	712.4	205	3418	0	3623
7/4/2022	17	1098.9	2300	712.4	205	3417	0	3622
7/4/2022	18	1098.9	2300	712.0	205	3422	0	3627
7/4/2022	19	1098.9	2320	711.8	205	3418	0	3623
7/4/2022	20	1098.9	2310	711.6	205	3414	0	3619

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)
7/4/2022	21	1098.9	2280	711.7	205	3415	0	3621
7/4/2022	22	1098.9	2280	711.7	205	3422	0	3627
7/4/2022	23	1098.9	2290	711.7	205	3423	0	3628
7/4/2022	24	1098.9	2290	711.7	205	3420	0	3626
7/5/2022	1	1098.9	2290	711.7	205	3422	0	3627
7/5/2022	2	1098.9	2330	711.7	205	3424	0	3629
7/5/2022	3	1099.0	2290	711.7	206	3427	0	3632
7/5/2022	4	1098.9	2300	711.7	205	3426	0	3631
7/5/2022	5	1098.9	2310	711.8	205	3426	0	3631
7/5/2022	6	1098.9	2310	711.7	205	3428	0	3634
7/5/2022	7	1099.0	2290	711.6	205	3429	0	3634
7/5/2022	8	1099.0	2290	711.7	205	3246	0	3451
7/5/2022	9	1098.9	2290	711.6	205	3040	0	3245
7/5/2022	10	1098.9	2310	711.6	205	2844	0	3048
7/5/2022	11	1099.0	2310	711.6	205	2797	0	3002
7/5/2022	12	1099.0	2310	711.6	206	2797	0	3003
7/5/2022	13	1099.0	2300	711.6	206	2797	0	3004
7/5/2022	14	1099.0	2290	711.6	205	2797	0	3002
7/5/2022	15	1099.0	2290	711.6	205	2799	0	3004
7/5/2022	16	1099.0	2290	711.6	205	2800	0	3004
7/5/2022	17	1099.0	2290	711.6	206	2799	0	3005
7/5/2022	18	1099.0	2300	711.6	205	2798	0	3003
7/5/2022	19	1099.0	2300	711.5	206	2803	0	3008
7/5/2022	20	1099.0	2300	711.6	205	2803	0	3009
7/5/2022	21	1099.0	2290	711.6	205	2803	0	3007
7/5/2022	22	1099.0	2300	711.5	205	2797	0	3001
7/5/2022	23	1099.0	2300	711.4	205	2801	0	3007
7/5/2022	24	1099.0	2270	711.3	205	2806	0	3011
7/6/2022	1	1099.0	2280	711.5	205	2805	0	3010
7/6/2022	2	1099.0	2290	711.6	205	2804	0	3008
7/6/2022	3	1099.0	2290	711.6	205	2804	0	3009
7/6/2022	4	1099.0	2300	711.5	205	2808	0	3013
7/6/2022	5	1099.0	2320	711.4	205	2806	0	3011
7/6/2022	6	1099.0	2300	711.4	205	2806	0	3011
7/6/2022	7	1099.0	2300	711.4	205	2808	0	3013
7/6/2022	8	1099.0	2310	711.5	205	2810	0	3015
7/6/2022	9	1099.0	2290	711.5	205	2808	0	3013
7/6/2022	10	1099.0	2300	711.6	205	2808	0	3013
7/6/2022	11	1099.0	2300	711.6	205	2808	0	3013
7/6/2022	12	1099.0	2290	711.6	205	2808	0	3013
7/6/2022	13	1099.0	2310	711.5	205	2809	0	3014
7/6/2022	14	1099.0	2290	711.4	206	2808	0	3014
7/6/2022	15	1099.0	2300	711.3	205	2809	0	3014
7/6/2022	16	1099.0	2270	711.3	205	2810	0	3015
7/6/2022	17	1099.0	2270	711.1	205	2811	0	3016
7/6/2022	18	1099.0	2270	711.2	205	2811	0	3016

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)
7/6/2022	19	1099.0	2290	711.3	205	2810	0	3015
7/6/2022	20	1099.0	2280	711.2	205	2812	0	3017
7/6/2022	21	1099.1	2280	711.1	205	2811	0	3016
7/6/2022	22	1099.1	2280	711.0	205	2812	0	3017
7/6/2022	23	1099.0	2280	711.0	205	2811	0	3015
7/6/2022	24	1099.0	2290	711.1	205	2811	0	3016
7/7/2022	1	1099.1	2280	711.1	205	2817	0	3022
7/7/2022	2	1099.1	2270	711.1	205	2815	0	3020
7/7/2022	3	1099.0	2280	711.1	206	2814	0	3020
7/7/2022	4	1099.1	2310	711.3	205	2821	0	3026
7/7/2022	5	1099.1	2310	711.3	205	2821	0	3026
7/7/2022	6	1099.1	2310	711.4	205	2818	0	3023
7/7/2022	7	1099.1	2250	711.4	205	2815	0	3020
7/7/2022	8	1099.1	2180	711.4	205	2818	0	3023
7/7/2022	9	1099.1	2370	711.5	205	2820	0	3025
7/7/2022	10	1099.1	2390	711.7	205	2818	0	3022
7/7/2022	11	1099.1	2370	711.7	205	2816	0	3021
7/7/2022	12	1099.1	2380	711.7	205	2818	0	3023
7/7/2022	13	1099.1	2360	711.8	205	2820	0	3025
7/7/2022	14	1099.1	2340	712.0	205	2820	0	3025
7/7/2022	15	1099.1	2330	712.1	205	2817	0	3023
7/7/2022	16	1099.1	2330	712.0	206	2819	0	3024
7/7/2022	17	1099.1	2350	712.0	205	2824	0	3028
7/7/2022	18	1099.1	2330	711.9	205	2822	0	3027
7/7/2022	19	1099.1	2350	711.9	205	2824	0	3028
7/7/2022	20	1099.1	2330	711.7	205	2824	0	3029
7/7/2022	21	1099.1	2310	711.6	205	2826	0	3031
7/7/2022	22	1099.1	2320	711.9	205	2827	0	3032
7/7/2022	23	1099.1	2310	712.0	205	2827	0	3032
7/7/2022	24	1099.1	2310	712.1	205	2828	0	3033
7/8/2022	1	1099.1	2340	711.8	205	2829	0	3034
7/8/2022	2	1099.1	2310	711.7	205	2827	0	3032
7/8/2022	3	1099.1	2310	711.6	205	2828	0	3033
7/8/2022	4	1099.1	2330	711.8	205	2827	0	3032
7/8/2022	5	1099.1	2340	711.9	205	2826	0	3031
7/8/2022	6	1099.1	2320	712.2	205	2827	0	3032
7/8/2022	7	1099.1	2310	712.2	205	2827	0	3032
7/8/2022	8	1099.1	2340	712.0	205	2827	0	3032
7/8/2022	9	1099.1	2330	711.8	205	2827	0	3032
7/8/2022	10	1099.1	2350	712.0	205	2827	0	3032
7/8/2022	11	1099.1	2320	712.1	205	2826	0	3031
7/8/2022	12	1099.1	2340	712.0	205	2826	0	3031
7/8/2022	13	1099.1	2320	711.7	205	2826	0	3031
7/8/2022	14	1099.1	2340	711.6	205	2825	0	3030
7/8/2022	15	1099.1	2340	711.7	205	2824	0	3028
7/8/2022	16	1099.1	2330	711.9	205	2825	0	3030

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)
7/8/2022	17	1099.1	2320	711.9	205	2823	0	3028
7/8/2022	18	1099.1	2330	711.8	205	2822	0	3027
7/8/2022	19	1099.1	2360	711.7	205	2824	0	3029
7/8/2022	20	1099.1	2320	711.7	205	2824	0	3028
7/8/2022	21	1099.1	2320	711.7	205	2824	0	3029
7/8/2022	22	1099.2	2330	711.6	205	2824	0	3029
7/8/2022	23	1099.2	2330	711.5	205	2825	0	3030
7/8/2022	24	1099.2	2310	711.6	205	2826	0	3031
7/9/2022	1	1099.2	2320	711.6	205	2829	0	3035
7/9/2022	2	1099.2	2330	711.5	205	2828	0	3033
7/9/2022	3	1099.2	2320	711.6	205	2832	0	3037
7/9/2022	4	1099.2	2330	711.7	205	2834	0	3039
7/9/2022	5	1099.2	2330	711.7	205	2834	0	3039
7/9/2022	6	1099.2	2320	711.7	205	2835	0	3040
7/9/2022	7	1099.2	2320	711.8	205	2837	0	3042
7/9/2022	8	1099.2	2320	712.0	205	2836	0	3041
7/9/2022	9	1099.2	2340	712.2	205	2833	0	3038
7/9/2022	10	1099.2	2340	712.3	205	2828	0	3033
7/9/2022	11	1099.2	2340	712.2	205	2825	0	3030
7/9/2022	12	1099.2	2340	712.1	205	2826	0	3031
7/9/2022	13	1099.2	2340	711.9	205	2825	0	3030
7/9/2022	14	1099.2	2330	712.0	205	2827	0	3032
7/9/2022	15	1099.2	2350	712.1	205	2827	0	3032
7/9/2022	16	1099.2	2330	712.1	205	2830	0	3035
7/9/2022	17	1099.2	2330	711.9	205	2830	0	3035
7/9/2022	18	1099.2	2330	711.8	205	2831	0	3036
7/9/2022	19	1099.2	2340	711.9	205	2835	0	3040
7/9/2022	20	1099.2	2330	712.1	205	2838	0	3043
7/9/2022	21	1099.2	2320	712.1	205	2837	0	3042
7/9/2022	22	1099.2	2320	711.9	205	2837	0	3042
7/9/2022	23	1099.2	2330	711.7	205	2838	0	3043
7/9/2022	24	1099.2	2310	711.7	205	2836	0	3041
7/10/2022	1	1099.2	2320	711.8	205	2834	0	3039
7/10/2022	2	1099.2	2330	711.8	205	2836	0	3041
7/10/2022	3	1099.2	2330	711.7	205	2835	0	3040
7/10/2022	4	1099.2	2330	711.5	205	2833	0	3038
7/10/2022	5	1099.2	2320	711.2	205	2835	0	3040
7/10/2022	6	1099.2	2320	711.1	205	2836	0	3041
7/10/2022	7	1099.2	2320	711.4	205	2837	0	3042
7/10/2022	8	1099.2	2310	711.4	205	2836	0	3041
7/10/2022	9	1099.2	2330	711.4	205	2835	0	3040
7/10/2022	10	1099.2	2330	711.5	205	2835	0	3040
7/10/2022	11	1099.2	2320	711.4	205	2835	0	3040
7/10/2022	12	1099.2	2340	711.5	205	2834	0	3039
7/10/2022	13	1099.2	2350	711.6	205	2834	0	3039
7/10/2022	14	1099.2	2330	711.6	205	2833	0	3038

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)
7/10/2022	15	1099.2	2340	711.6	205	2833	0	3038
7/10/2022	16	1099.2	2340	711.6	205	2835	0	3040
7/10/2022	17	1099.2	2340	711.6	205	2834	0	3039
7/10/2022	18	1099.2	2340	711.6	205	2836	0	3041
7/10/2022	19	1099.2	2350	711.6	205	2838	0	3043
7/10/2022	20	1099.2	2330	711.7	205	2838	0	3043
7/10/2022	21	1099.2	2320	711.8	205	2839	0	3043
7/10/2022	22	1099.2	2320	712.0	205	2839	0	3044
7/10/2022	23	1099.2	2340	712.1	205	2840	0	3045
7/10/2022	24	1099.2	2340	712.1	205	2840	0	3045
7/11/2022	1	1099.2	2350	712.2	205	2840	0	3045
7/11/2022	2	1099.2	2350	712.6	205	2841	0	3046
7/11/2022	3	1099.2	2340	712.9	205	2840	0	3045
7/11/2022	4	1099.2	2340	712.7	205	2840	0	3045
7/11/2022	5	1099.2	2340	712.6	205	2841	0	3045
7/11/2022	6	1099.2	2330	712.4	205	2840	0	3045
7/11/2022	7	1099.2	2320	712.4	205	2840	0	3045
7/11/2022	8	1099.2	2340	712.4	205	2840	0	3044
7/11/2022	9	1099.2	2350	712.4	205	2838	0	3043
7/11/2022	10	1099.2	2340	712.2	205	2837	0	3042
7/11/2022	11	1099.2	2340	712.2	205	2837	0	3042
7/11/2022	12	1099.2	2350	712.1	205	2836	0	3041
7/11/2022	13	1099.2	2320	712.0	205	2835	0	3040
7/11/2022	14	1099.2	2330	712.0	205	2832	0	3037
7/11/2022	15	1099.2	2340	711.9	205	2831	0	3036
7/11/2022	16	1099.2	2340	711.7	205	2831	0	3036
7/11/2022	17	1099.2	2350	711.7	205	2829	0	3034
7/11/2022	18	1099.2	2340	711.8	205	2830	0	3035
7/11/2022	19	1099.2	2340	711.8	206	2831	0	3036
7/11/2022	20	1099.2	2320	711.6	206	2833	0	3039
7/11/2022	21	1099.2	2300	711.7	206	2834	0	3040
7/11/2022	22	1099.2	2300	711.7	206	2836	0	3042
7/11/2022	23	1099.2	2300	711.8	206	2836	0	3043
7/11/2022	24	1099.2	2330	711.9	206	2837	0	3044
7/12/2022	1	1099.2	2330	712.1	206	2838	0	3044
7/12/2022	2	1099.2	2350	712.2	206	2839	0	3045
7/12/2022	3	1099.2	2330	712.2	206	2840	0	3046
7/12/2022	4	1099.2	2340	712.0	206	2839	0	3046
7/12/2022	5	1099.2	2350	712.2	206	2840	0	3047
7/12/2022	6	1099.2	2340	712.2	206	2840	0	3046
7/12/2022	7	1099.2	2310	712.4	206	2840	0	3046
7/12/2022	8	1099.2	2320	712.5	206	2840	0	3046
7/12/2022	9	1099.2	2340	712.5	206	2841	0	3047
7/12/2022	10	1099.2	2330	712.3	206	2840	0	3046
7/12/2022	11	1099.2	2330	712.1	206	2839	0	3045
7/12/2022	12	1099.2	2330	712.0	206	2839	0	3045

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)
7/12/2022	13	1099.2	2340	711.9	206	2839	0	3045
7/12/2022	14	1099.2	2340	712.2	206	2838	0	3044
7/12/2022	15	1099.2	2330	712.2	206	2836	0	3042
7/12/2022	16	1099.2	2330	712.0	206	2837	0	3043
7/12/2022	17	1099.2	2320	711.9	206	2838	0	3044
7/12/2022	18	1099.2	2340	711.8	206	2839	0	3045
7/12/2022	19	1099.2	2320	711.9	206	2839	0	3045
7/12/2022	20	1099.2	2320	712.1	206	2841	0	3046
7/12/2022	21	1099.3	2320	712.0	206	2838	0	3044
7/12/2022	22	1099.3	2320	712.0	206	2838	0	3044
7/12/2022	23	1099.3	2340	712.1	206	2839	0	3045
7/12/2022	24	1099.3	2320	712.0	206	2839	0	3046
7/13/2022	1	1099.3	2330	711.7	206	2839	0	3045
7/13/2022	2	1099.3	2310	711.4	206	2844	0	3049
7/13/2022	3	1099.3	2320	711.4	206	2846	0	3052
7/13/2022	4	1099.3	2330	711.4	206	2846	0	3052
7/13/2022	5	1099.3	2320	711.4	206	2848	0	3054
7/13/2022	6	1099.3	2330	711.5	206	2850	0	3056
7/13/2022	7	1099.3	2310	711.6	206	2854	0	3060
7/13/2022	8	1099.3	2310	711.8	206	2853	0	3059
7/13/2022	9	1099.3	2320	711.7	206	2853	0	3058
7/13/2022	10	1099.3	2340	711.7	203	2854	0	3058
7/13/2022	11	1099.3	2300	711.6	206	2854	0	3060
7/13/2022	12	1099.3	2310	711.5	206	2854	0	3060
7/13/2022	13	1099.3	2310	711.4	206	2854	0	3060
7/13/2022	14	1099.3	2330	711.4	206	2855	0	3060
7/13/2022	15	1099.3	2380	711.3	206	2685	0	2891
7/13/2022	16	1099.3	2370	711.3	206	2475	0	2681
7/13/2022	17	1099.3	2380	711.3	206	2464	0	2670
7/13/2022	18	1099.3	2380	711.5	206	2464	0	2670
7/13/2022	19	1099.3	2370	711.6	206	2464	0	2670
7/13/2022	20	1099.3	2380	711.5	206	2464	0	2670
7/13/2022	21	1099.4	2370	711.5	206	2464	0	2670
7/13/2022	22	1099.4	2380	711.5	206	2463	0	2669
7/13/2022	23	1099.4	2380	711.5	206	2463	0	2669
7/13/2022	24	1099.4	2370	711.6	206	2463	0	2669
7/14/2022	1	1099.4	2370	711.6	206	2462	0	2668
7/14/2022	2	1099.4	2380	711.4	206	2463	0	2669
7/14/2022	3	1099.4	2370	711.2	206	2463	0	2669
7/14/2022	4	1099.4	2380	711.4	206	2463	0	2669
7/14/2022	5	1099.4	2380	711.6	206	2462	0	2668
7/14/2022	6	1099.4	2380	711.5	206	2464	0	2669
7/14/2022	7	1099.4	2380	711.2	206	2373	0	2579
7/14/2022	8	1099.4	2380	711.0	206	2297	0	2503
7/14/2022	9	1099.4	2380	711.2	206	2297	0	2503
7/14/2022	10	1099.4	2370	711.2	206	2297	0	2503

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)
7/14/2022	11	1099.4	2380	711.1	206	2297	0	2503
7/14/2022	12	1099.3	2380	711.0	206	2297	0	2503
7/14/2022	13	1099.4	2380	711.1	206	2297	0	2503
7/14/2022	14	1099.4	2380	711.2	206	2297	0	2503
7/14/2022	15	1099.4	2390	711.3	206	2297	0	2503
7/14/2022	16	1099.3	2370	711.5	206	2297	0	2503
7/14/2022	17	1099.3	2390	711.7	206	2297	0	2503
7/14/2022	18	1099.3	2370	711.7	206	2297	0	2503
7/14/2022	19	1099.3	2370	711.6	206	2297	0	2503
7/14/2022	20	1099.3	2370	711.5	206	2296	0	2502
7/14/2022	21	1099.3	2350	711.3	206	2297	0	2503
7/14/2022	22	1099.4	2370	711.2	206	2297	0	2503
7/14/2022	23	1099.4	2380	711.4	206	2296	0	2503
7/14/2022	24	1099.4	2380	711.5	206	2296	0	2502
7/15/2022	1	1099.4	2380	711.4	206	2297	0	2503
7/15/2022	2	1099.4	2380	711.4	206	2295	0	2502
7/15/2022	3	1099.4	2380	711.3	206	2296	0	2502
7/15/2022	4	1099.4	2380	711.3	206	2296	0	2502
7/15/2022	5	1099.4	2390	711.3	206	2296	0	2502
7/15/2022	6	1099.4	2390	711.4	206	2296	0	2502
7/15/2022	7	1099.4	2380	711.5	206	2297	0	2502
7/15/2022	8	1099.4	2380	711.0	206	2296	0	2503
7/15/2022	9	1099.3	2380	710.9	206	2297	0	2502
7/15/2022	10	1099.3	2380	711.2	206	2297	0	2503
7/15/2022	11	1099.3	2380	711.5	206	2297	0	2503
7/15/2022	12	1099.3	2390	711.7	206	2297	0	2503
7/15/2022	13	1099.3	2380	711.7	206	2297	0	2503
7/15/2022	14	1099.3	2380	711.7	206	2297	0	2503
7/15/2022	15	1099.3	2380	711.7	206	2297	0	2503
7/15/2022	16	1099.3	2380	711.5	206	2297	0	2503
7/15/2022	17	1099.3	2390	711.3	206	2296	0	2502
7/15/2022	18	1099.3	2360	711.2	206	2296	0	2502
7/15/2022	19	1099.3	2380	711.2	206	2297	0	2503
7/15/2022	20	1099.3	2370	711.2	206	2297	0	2502
7/15/2022	21	1099.3	2350	711.2	206	2297	0	2503
7/15/2022	22	1099.3	2360	711.1	206	2297	0	2503
7/15/2022	23	1099.3	2370	710.9	206	2297	0	2503
7/15/2022	24	1099.3	2370	711.0	206	2297	0	2503
7/16/2022	1	1099.3	2370	710.9	206	2298	0	2503
7/16/2022	2	1099.3	2380	711.0	206	2297	0	2503
7/16/2022	3	1099.3	2380	711.0	206	2297	0	2503
7/16/2022	4	1099.3	2380	711.0	206	2297	0	2503
7/16/2022	5	1099.3	2380	710.6	206	2297	0	2503
7/16/2022	6	1099.3	2380	710.4	206	2296	0	2502
7/16/2022	7	1099.3	2370	710.7	206	2296	0	2502
7/16/2022	8	1099.3	2380	710.7	206	2296	0	2502

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)
7/16/2022	9	1099.3	2380	710.7	206	2296	0	2502
7/16/2022	10	1099.3	2380	710.7	206	2296	0	2502
7/16/2022	11	1099.3	2380	710.7	206	2297	0	2503
7/16/2022	12	1099.3	2380	710.7	206	2296	0	2502
7/16/2022	13	1099.3	2380	710.8	206	2296	0	2502
7/16/2022	14	1099.3	2380	710.8	206	2296	0	2502
7/16/2022	15	1099.3	2370	710.7	206	2296	0	2502
7/16/2022	16	1099.3	2370	710.8	206	2295	0	2501
7/16/2022	17	1099.3	2370	711.0	206	2294	0	2500
7/16/2022	18	1099.3	2380	711.2	206	2295	0	2501
7/16/2022	19	1099.3	2370	711.3	206	2296	0	2502
7/16/2022	20	1099.3	2380	711.4	206	2297	0	2502
7/16/2022	21	1099.3	2380	711.5	206	2297	0	2503
7/16/2022	22	1099.3	2370	711.5	206	2297	0	2503
7/16/2022	23	1099.4	2370	711.4	206	2297	0	2503
7/16/2022	24	1099.4	2370	711.5	206	2296	0	2502
7/17/2022	1	1099.4	2380	711.3	206	2296	0	2502
7/17/2022	2	1099.4	2370	711.3	206	2296	0	2501
7/17/2022	3	1099.4	2380	711.1	206	2296	0	2502
7/17/2022	4	1099.4	2380	710.9	206	2296	0	2502
7/17/2022	5	1099.4	2360	710.4	206	2296	0	2502
7/17/2022	6	1099.4	2370	710.2	206	2297	0	2503
7/17/2022	7	1099.4	2370	710.1	206	2297	0	2503
7/17/2022	8	1099.4	2370	710.2	206	2297	0	2503
7/17/2022	9	1099.4	2380	710.3	206	2296	0	2502
7/17/2022	10	1099.4	2390	710.5	206	2297	0	2502
7/17/2022	11	1099.4	2370	710.7	206	2297	0	2503
7/17/2022	12	1099.4	2370	710.8	206	2297	0	2503
7/17/2022	13	1099.4	2380	710.9	206	2296	0	2502
7/17/2022	14	1099.4	2370	711.0	206	2296	0	2502
7/17/2022	15	1099.4	2380	711.1	206	2296	0	2502
7/17/2022	16	1099.4	2380	711.1	206	2296	0	2502
7/17/2022	17	1099.4	2370	711.0	206	2296	0	2502
7/17/2022	18	1099.4	2370	711.0	206	2296	0	2502
7/17/2022	19	1099.4	2370	711.1	206	2297	0	2503
7/17/2022	20	1099.4	2360	711.1	206	2296	0	2502
7/17/2022	21	1099.4	2360	711.1	206	2297	0	2503
7/17/2022	22	1099.4	2370	711.0	206	2296	0	2502
7/17/2022	23	1099.4	2380	710.8	206	2296	0	2502
7/17/2022	24	1099.4	2380	710.9	206	2296	0	2502
7/18/2022	1	1099.4	2380	710.8	206	2296	0	2502
7/18/2022	2	1099.4	2370	710.6	206	2296	0	2502
7/18/2022	3	1099.4	2370	710.4	206	2297	0	2503
7/18/2022	4	1099.4	2370	710.1	206	2296	0	2502
7/18/2022	5	1099.4	2390	710.1	206	2297	0	2503
7/18/2022	6	1099.4	2380	710.0	206	2297	0	2503

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)
7/18/2022	7	1099.3	2370	710.0	206	2297	0	2503
7/18/2022	8	1099.3	2370	710.0	206	2297	0	2503
7/18/2022	9	1099.3	2370	710.2	206	2221	0	2426
7/18/2022	10	1099.3	2370	710.2	206	2023	0	2229
7/18/2022	11	1099.4	2370	710.5	206	1869	0	2075
7/18/2022	12	1099.3	2360	710.5	206	1801	0	2007
7/18/2022	13	1099.3	2370	710.6	206	1800	0	2006
7/18/2022	14	1099.3	2370	710.6	206	1800	0	2006
7/18/2022	15	1099.3	2370	710.6	206	1800	0	2005
7/18/2022	16	1099.3	2300	710.5	206	1799	0	2005
7/18/2022	17	1099.3	2310	710.6	206	1799	0	2005
7/18/2022	18	1099.3	2380	710.6	206	1799	0	2005
7/18/2022	19	1099.3	2370	710.6	206	1799	0	2005
7/18/2022	20	1099.3	2370	710.6	206	1799	0	2005
7/18/2022	21	1099.3	2360	710.6	206	1799	0	2005
7/18/2022	22	1099.3	2360	710.5	206	1798	0	2004
7/18/2022	23	1099.3	2210	710.4	206	1799	0	2005
7/18/2022	24	1099.3	2000	710.2	206	1798	0	2004
7/19/2022	1	1099.3	2010	710.0	206	1798	0	2004
7/19/2022	2	1099.3	2160	710.0	206	1798	0	2004
7/19/2022	3	1099.3	2370	710.0	206	1798	0	2004
7/19/2022	4	1099.3	2380	710.0	206	1798	0	2004
7/19/2022	5	1099.3	2370	709.9	206	1795	0	2001
7/19/2022	6	1099.3	2370	709.8	206	1794	0	2000
7/19/2022	7	1099.3	2380	709.8	206	1793	0	1999
7/19/2022	8	1099.3	2370	709.8	206	1771	0	1977
7/19/2022	9	1099.3	2380	709.8	206	1558	0	1764
7/19/2022	10	1099.3	2300	710.0	201	1394	0	1596
7/19/2022	11	1099.3	2370	710.1	123	1395	0	1518
7/19/2022	12	1099.3	2370	710.3	105	1395	0	1500
7/19/2022	13	1099.3	2370	710.5	105	1395	0	1500
7/19/2022	14	1099.3	2380	710.6	105	1394	0	1500
7/19/2022	15	1099.3	2370	710.6	105	1395	0	1500
7/19/2022	16	1099.3	2370	710.7	105	1395	0	1500
7/19/2022	17	1099.3	2370	710.7	105	1395	0	1500
7/19/2022	18	1099.3	2370	710.7	105	1395	0	1500
7/19/2022	19	1099.3	2380	710.7	105	1395	0	1500
7/19/2022	20	1099.3	2380	710.7	105	1395	0	1501
7/19/2022	21	1099.3	2360	710.7	105	1396	0	1501
7/19/2022	22	1099.3	2370	710.4	105	1396	0	1501
7/19/2022	23	1099.3	2370	710.2	105	1395	0	1500
7/19/2022	24	1099.3	2360	710.0	105	1395	0	1500
7/20/2022	1	1099.3	2370	709.9	105	1397	0	1502
7/20/2022	2	1099.3	2360	709.8	105	1397	0	1502
7/20/2022	3	1099.3	2360	709.7	105	1396	0	1501
7/20/2022	4	1099.3	2370	709.7	105	1397	0	1502

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)
7/20/2022	5	1099.3	2380	709.6	105	1396	0	1501
7/20/2022	6	1099.3	2390	709.6	105	1396	0	1500
7/20/2022	7	1099.3	2380	709.6	105	1396	0	1501
7/20/2022	8	1099.3	2390	709.6	105	1395	0	1500
7/20/2022	9	1099.3	2380	709.6	105	1395	0	1500
7/20/2022	10	1099.3	2380	709.7	105	1394	0	1500
7/20/2022	11	1099.3	2380	709.8	105	1394	0	1499
7/20/2022	12	1099.3	2380	709.9	105	1394	0	1499
7/20/2022	13	1099.3	2380	710.1	105	1394	0	1499
7/20/2022	14	1099.3	2390	710.5	105	1395	0	1500
7/20/2022	15	1099.3	2380	710.8	105	1395	0	1500
7/20/2022	16	1099.3	2370	710.9	105	1396	0	1501
7/20/2022	17	1099.3	2380	711.0	105	1396	0	1502
7/20/2022	18	1099.3	2370	711.3	105	1397	0	1502
7/20/2022	19	1099.3	2380	711.4	105	1396	0	1501
7/20/2022	20	1099.3	2390	711.4	105	1396	0	1501
7/20/2022	21	1099.3	2370	711.5	105	1396	0	1501
7/20/2022	22	1099.3	2380	711.4	105	1397	0	1502
7/20/2022	23	1099.3	2370	711.3	105	1397	0	1502
7/20/2022	24	1099.3	2380	711.2	105	1397	0	1501
7/21/2022	1	1099.3	2380	711.2	105	1397	0	1502
7/21/2022	2	1099.3	2380	711.2	105	1398	0	1503
7/21/2022	3	1099.3	2380	711.1	105	1398	0	1503
7/21/2022	4	1099.3	2380	711.0	105	1398	0	1503
7/21/2022	5	1099.3	2370	710.8	105	1397	0	1502
7/21/2022	6	1099.3	2380	710.7	105	1397	0	1503
7/21/2022	7	1099.3	2380	710.5	105	1398	0	1502
7/21/2022	8	1099.3	2380	710.2	105	1396	0	1501
7/21/2022	9	1099.3	2360	710.1	99	1393	0	1492
7/21/2022	10	1099.3	2370	710.0	86	1245	0	1331
7/21/2022	11	1099.3	2370	709.8	85	1016	0	1101
7/21/2022	12	1099.3	2380	709.8	85	918	0	1004
7/21/2022	13	1099.3	2380	709.9	85	916	0	1001
7/21/2022	14	1099.3	2380	709.9	85	916	0	1001
7/21/2022	15	1099.3	2380	709.9	85	916	0	1001
7/21/2022	16	1099.3	2370	709.8	85	916	0	1002
7/21/2022	17	1099.3	2370	709.8	85	916	0	1002
7/21/2022	18	1099.3	2370	709.8	85	917	0	1003
7/21/2022	19	1099.3	2390	709.8	85	916	0	1001
7/21/2022	20	1099.3	2370	709.7	85	916	0	1001
7/21/2022	21	1099.3	2360	709.6	85	916	0	1001
7/21/2022	22	1099.3	2350	709.5	85	917	0	1002
7/21/2022	23	1099.3	2360	709.3	85	917	0	1002
7/21/2022	24	1099.3	2340	709.2	85	917	0	1002
7/22/2022	1	1099.3	2370	709.1	85	917	0	1002
7/22/2022	2	1099.3	2370	709.2	85	917	0	1002

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)
7/22/2022	3	1099.3	2370	709.2	85	917	0	1002
7/22/2022	4	1099.3	2370	709.3	85	917	0	1002
7/22/2022	5	1099.3	2370	709.4	85	917	0	1002
7/22/2022	6	1099.3	2370	709.5	85	918	0	1003
7/22/2022	7	1099.3	2360	709.5	85	918	0	1003
7/22/2022	8	1099.4	2360	709.5	85	918	0	1003
7/22/2022	9	1099.4	2360	709.5	85	918	0	1003
7/22/2022	10	1099.4	2360	709.5	85	918	0	1003
7/22/2022	11	1099.4	2380	709.5	85	917	0	1002
7/22/2022	12	1099.3	2370	709.6	85	917	0	1002
7/22/2022	13	1099.3	2370	709.5	85	917	0	1002
7/22/2022	14	1099.3	2370	709.5	85	917	0	1002
7/22/2022	15	1099.4	2370	709.6	85	917	0	1001
7/22/2022	16	1099.3	2380	709.6	85	916	0	1001
7/22/2022	17	1099.4	2350	709.6	85	916	0	1001
7/22/2022	18	1099.4	2370	709.9	85	916	0	1001
7/22/2022	19	1099.4	2370	710.0	85	917	0	1002
7/22/2022	20	1099.4	2380	710.0	85	917	0	1002
7/22/2022	21	1099.4	2360	709.9	85	917	0	1002
7/22/2022	22	1099.4	2360	709.9	85	917	0	1002
7/22/2022	23	1099.4	2370	709.9	85	917	0	1002
7/22/2022	24	1099.4	2380	710.1	85	918	0	1002
7/23/2022	1	1099.4	2370	710.0	85	918	0	1003
7/23/2022	2	1099.4	2370	710.0	85	917	0	1002
7/23/2022	3	1099.4	2380	709.9	85	917	0	1003
7/23/2022	4	1099.4	2380	709.9	85	918	0	1003
7/23/2022	5	1099.4	2370	709.8	85	918	0	1003
7/23/2022	6	1099.4	2380	709.8	85	918	0	1003
7/23/2022	7	1099.4	2380	709.8	85	917	0	1002
7/23/2022	8	1099.4	2360	709.8	85	917	0	1002
7/23/2022	9	1099.4	2370	709.9	85	916	0	1002
7/23/2022	10	1099.3	2370	710.0	85	917	0	1002
7/23/2022	11	1099.3	2360	710.0	85	917	0	1002
7/23/2022	12	1099.3	2380	709.9	85	916	0	1001
7/23/2022	13	1099.3	2370	709.7	85	916	0	1001
7/23/2022	14	1099.3	2370	709.7	85	915	0	1000
7/23/2022	15	1099.3	2350	709.6	85	916	0	1001
7/23/2022	16	1099.3	2360	709.4	85	916	0	1001
7/23/2022	17	1099.3	2380	709.4	85	916	0	1001
7/23/2022	18	1099.3	2370	709.3	85	915	0	1000
7/23/2022	19	1099.3	2380	709.2	85	916	0	1001
7/23/2022	20	1099.3	2370	709.2	85	916	0	1001
7/23/2022	21	1099.3	2350	709.2	85	916	0	1001
7/23/2022	22	1099.3	2360	709.1	85	916	0	1001
7/23/2022	23	1099.3	2370	709.2	85	917	0	1002
7/23/2022	24	1099.3	2380	709.5	85	917	0	1002

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)
7/24/2022	1	1099.3	2380	709.7	85	917	0	1002
7/24/2022	2	1099.3	2370	709.6	85	917	0	1003
7/24/2022	3	1099.3	2370	709.7	85	917	0	1002
7/24/2022	4	1099.3	2360	709.8	85	917	0	1002
7/24/2022	5	1099.3	2370	709.8	85	917	0	1002
7/24/2022	6	1099.3	2380	709.5	85	917	0	1003
7/24/2022	7	1099.3	2360	709.4	85	917	0	1002
7/24/2022	8	1099.3	2370	709.3	85	917	0	1002
7/24/2022	9	1099.3	2380	709.3	85	915	0	1000
7/24/2022	10	1099.3	2360	709.3	85	915	0	999
7/24/2022	11	1099.3	2370	709.2	85	915	0	1000
7/24/2022	12	1099.3	2370	709.2	85	914	0	999
7/24/2022	13	1099.3	2370	709.2	85	913	0	998
7/24/2022	14	1099.3	2380	709.3	85	913	0	998
7/24/2022	15	1099.3	2370	709.4	85	913	0	998
7/24/2022	16	1099.3	2380	709.6	85	914	0	999
7/24/2022	17	1099.3	2370	709.8	85	914	0	999
7/24/2022	18	1099.3	2380	710.1	85	915	0	1000
7/24/2022	19	1099.3	2370	709.9	85	916	0	1001
7/24/2022	20	1099.3	2370	709.8	85	916	0	1001
7/24/2022	21	1099.3	2350	709.8	85	917	0	1001
7/24/2022	22	1099.3	2350	709.8	85	917	0	1002
7/24/2022	23	1099.3	2360	709.9	85	917	0	1002
7/24/2022	24	1099.3	2370	710.1	85	917	0	1002
7/25/2022	1	1099.3	2360	710.0	85	917	0	1002
7/25/2022	2	1099.3	2360	709.9	85	917	0	1002
7/25/2022	3	1099.3	2370	709.9	85	917	0	1002
7/25/2022	4	1099.3	2370	709.9	85	918	0	1003
7/25/2022	5	1099.3	2380	709.9	85	918	0	1003
7/25/2022	6	1099.3	2380	709.9	85	917	0	1003
7/25/2022	7	1099.3	2370	709.8	85	918	0	1003
7/25/2022	8	1099.3	2380	709.6	85	917	0	1002
7/25/2022	9	1099.3	2370	709.4	85	917	0	1002
7/25/2022	10	1099.3	2370	709.5	85	916	0	1001
7/25/2022	11	1099.3	2380	709.7	85	916	0	1001
7/25/2022	12	1099.3	2390	709.8	85	916	0	1001
7/25/2022	13	1099.3	2380	709.7	85	916	0	1001
7/25/2022	14	1099.3	2380	709.7	85	915	0	1000
7/25/2022	15	1099.3	2370	709.7	85	915	0	1000
7/25/2022	16	1099.3	2380	709.4	85	915	0	1000
7/25/2022	17	1099.3	2370	709.4	85	915	0	1000
7/25/2022	18	1099.3	2370	709.2	85	915	0	1000
7/25/2022	19	1099.3	2370	709.2	85	915	0	1000
7/25/2022	20	1099.3	2360	709.3	85	916	0	1001
7/25/2022	21	1099.3	2360	709.6	85	916	0	1001
7/25/2022	22	1099.3	2380	709.8	85	916	0	1001

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)
7/25/2022	23	1099.3	2370	709.9	85	917	0	1002
7/25/2022	24	1099.3	2370	710.1	85	917	0	1002
7/26/2022	1	1099.3	2360	710.2	85	917	0	1002
7/26/2022	2	1099.3	2370	710.1	85	917	0	1002
7/26/2022	3	1099.3	2370	709.9	85	917	0	1002
7/26/2022	4	1099.3	2370	709.8	85	918	0	1003
7/26/2022	5	1099.3	2370	709.9	85	918	0	1003
7/26/2022	6	1099.3	2380	709.9	85	918	0	1003
7/26/2022	7	1099.3	2380	709.9	85	918	0	1003
7/26/2022	8	1099.3	2370	709.6	85	865	0	950
7/26/2022	9	1099.3	2370	709.4	86	769	0	855
7/26/2022	10	1099.3	2380	709.3	86	716	0	802
7/26/2022	11	1099.3	2370	709.1	85	717	0	802
7/26/2022	12	1099.3	2380	709.2	85	625	0	710
7/26/2022	13	1099.3	2390	709.2	85	530	0	616
7/26/2022	14	1099.3	2380	709.3	85	516	0	602
7/26/2022	15	1099.3	2380	709.6	85	516	0	601
7/26/2022	16	1099.3	2380	709.8	85	516	0	601
7/26/2022	17	1099.3	2380	709.9	85	516	0	601
7/26/2022	18	1099.3	2380	709.9	85	517	0	601
7/26/2022	19	1099.3	2370	709.8	85	517	0	602
7/26/2022	20	1099.4	2380	709.8	85	517	0	602
7/26/2022	21	1099.4	2360	709.8	85	517	0	602
7/26/2022	22	1099.4	2360	709.9	85	517	0	601
7/26/2022	23	1099.4	2360	710.1	85	517	0	602
7/26/2022	24	1099.4	2370	710.0	85	517	0	602
7/27/2022	1	1099.4	2370	709.9	85	517	0	602
7/27/2022	2	1099.4	2370	709.7	85	517	0	602
7/27/2022	3	1099.4	2350	709.6	85	517	0	601
7/27/2022	4	1099.4	2350	709.6	85	517	0	602
7/27/2022	5	1099.4	2370	709.6	85	517	0	602
7/27/2022	6	1099.4	2380	709.7	84	517	0	602
7/27/2022	7	1099.4	2380	709.7	85	517	0	602
7/27/2022	8	1099.4	2380	709.3	85	516	0	601
7/27/2022	9	1099.4	2380	709.2	85	516	0	601
7/27/2022	10	1099.4	2370	709.1	85	516	0	601
7/27/2022	11	1099.4	2380	709.2	85	515	0	601
7/27/2022	12	1099.4	2380	709.3	85	516	0	601
7/27/2022	13	1099.4	2380	709.4	87	516	0	602
7/27/2022	14	1099.4	2370	709.5	87	515	0	602
7/27/2022	15	1099.4	2370	709.5	87	515	0	602
7/27/2022	16	1099.4	2370	709.5	87	515	0	602
7/27/2022	17	1099.4	2370	709.6	87	515	0	602
7/27/2022	18	1099.4	2380	709.3	87	515	0	602
7/27/2022	19	1099.4	2360	709.3	87	515	0	602
7/27/2022	20	1099.4	2370	709.4	87	516	0	603

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)
7/27/2022	21	1099.4	2370	709.5	87	518	0	605
7/27/2022	22	1099.4	2380	709.6	87	518	0	605
7/27/2022	23	1099.4	2370	709.9	87	518	0	605
7/27/2022	24	1099.4	2370	710.0	87	518	0	605
7/28/2022	1	1099.4	2370	710.0	87	518	0	605
7/28/2022	2	1099.4	2370	709.8	87	519	0	605
7/28/2022	3	1099.4	2370	709.6	87	519	0	605
7/28/2022	4	1099.4	2370	709.6	87	519	0	606
7/28/2022	5	1099.4	2380	709.6	87	519	0	606
7/28/2022	6	1099.4	2380	709.6	87	519	0	606
7/28/2022	7	1099.4	2380	709.6	87	518	0	605
7/28/2022	8	1099.4	2380	709.6	87	518	0	605
7/28/2022	9	1099.4	2390	709.5	86	518	0	605
7/28/2022	10	1099.4	2380	709.7	87	517	0	604
7/28/2022	11	1099.4	2380	709.9	87	518	0	605
7/28/2022	12	1099.4	2380	710.2	87	476	0	563
7/28/2022	13	1099.4	2380	710.3	87	428	0	516
7/28/2022	14	1099.4	2380	710.5	87	398	0	486
7/28/2022	15	1099.4	2380	710.7	88	375	0	463
7/28/2022	16	1099.4	2370	710.7	87	368	0	455
7/28/2022	17	1099.4	2380	710.6	87	368	0	455
7/28/2022	18	1099.5	2380	710.4	87	368	0	455
7/28/2022	19	1099.5	2380	710.3	87	368	0	455
7/28/2022	20	1099.5	2380	710.0	87	368	0	455
7/28/2022	21	1099.5	2370	710.0	87	369	0	456
7/28/2022	22	1099.5	2360	709.8	87	370	0	456
7/28/2022	23	1099.5	2380	709.6	87	369	0	456
7/28/2022	24	1099.5	2360	709.3	87	369	0	456
7/29/2022	1	1099.5	2360	709.1	87	370	0	457
7/29/2022	2	1099.5	2380	709.0	87	370	0	457
7/29/2022	3	1099.5	2360	708.9	87	370	0	457
7/29/2022	4	1099.5	2370	708.9	87	369	0	456
7/29/2022	5	1099.5	2380	708.9	87	370	0	457
7/29/2022	6	1099.5	2380	709.1	87	370	0	457
7/29/2022	7	1099.5	2380	709.1	87	370	0	457
7/29/2022	8	1099.5	2380	709.1	87	369	0	456
7/29/2022	9	1099.5	2380	709.3	87	369	0	456
7/29/2022	10	1099.5	2380	709.5	87	368	0	455
7/29/2022	11	1099.5	2370	709.8	87	368	0	455
7/29/2022	12	1099.5	2380	709.9	87	368	0	455
7/29/2022	13	1099.5	2380	709.8	87	368	0	454
7/29/2022	14	1099.5	2380	709.7	87	367	0	454
7/29/2022	15	1099.5	2380	709.8	87	367	0	454
7/29/2022	16	1099.5	2380	710.0	87	367	0	454
7/29/2022	17	1099.5	2370	710.0	87	367	0	454
7/29/2022	18	1099.5	2380	709.8	87	367	0	454

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)
7/29/2022	19	1099.5	2380	709.8	87	368	0	455
7/29/2022	20	1099.5	2370	709.7	87	368	0	455
7/29/2022	21	1099.5	2350	709.6	87	369	0	456
7/29/2022	22	1099.5	2370	709.6	86	369	0	455
7/29/2022	23	1099.5	2380	710.0	87	369	0	456
7/29/2022	24	1099.5	2380	710.1	87	369	0	456
7/30/2022	1	1099.5	2380	710.1	87	369	0	456
7/30/2022	2	1099.5	2380	709.9	87	370	0	456
7/30/2022	3	1099.5	2380	709.9	87	370	0	457
7/30/2022	4	1099.5	2370	710.0	87	370	0	457
7/30/2022	5	1099.5	2380	710.0	87	370	0	457
7/30/2022	6	1099.5	2380	709.9	87	370	0	457
7/30/2022	7	1099.5	2380	709.7	87	370	0	457
7/30/2022	8	1099.5	2380	709.6	87	369	0	456
7/30/2022	9	1099.5	2380	709.7	87	368	0	455
7/30/2022	10	1099.5	2380	709.7	87	368	0	455
7/30/2022	11	1099.5	2370	709.6	87	347	0	434
7/30/2022	12	1099.5	2380	709.5	87	327	0	415
7/30/2022	13	1099.5	2380	709.4	87	306	0	393
7/30/2022	14	1099.5	2390	709.3	88	282	0	370
7/30/2022	15	1099.5	2380	709.0	88	257	0	345
7/30/2022	16	1099.5	2390	709.1	87	234	0	321
7/30/2022	17	1099.5	2380	709.5	88	208	0	297
7/30/2022	18	1099.5	2380	709.5	88	184	0	273
7/30/2022	19	1099.5	2370	709.5	88	164	0	252
7/30/2022	20	1099.5	2360	709.4	87	141	0	228
7/30/2022	21	1099.5	2350	709.6	87	135	0	223
7/30/2022	22	1099.5	2370	709.7	87	136	0	223
7/30/2022	23	1099.5	2360	709.6	86	136	0	222
7/30/2022	24	1099.5	2370	709.4	87	136	0	223
7/31/2022	1	1099.5	2380	709.4	87	136	0	223
7/31/2022	2	1099.5	2370	709.5	87	136	0	223
7/31/2022	3	1099.5	2370	709.4	87	136	0	223
7/31/2022	4	1099.5	2380	709.4	87	136	0	223
7/31/2022	5	1099.5	2380	709.4	87	136	0	223
7/31/2022	6	1099.5	2370	709.3	87	136	0	223
7/31/2022	7	1099.5	2370	709.5	87	136	0	223
7/31/2022	8	1099.5	2380	709.6	87	135	0	222
7/31/2022	9	1099.5	2380	709.8	87	135	0	221
7/31/2022	10	1099.5	2390	710.0	87	134	0	221
7/31/2022	11	1099.5	2390	710.3	87	134	0	221
7/31/2022	12	1099.5	2380	710.4	87	133	0	220
7/31/2022	13	1099.5	2380	710.5	87	133	0	220
7/31/2022	14	1099.5	2380	710.0	87	133	0	220
7/31/2022	15	1099.5	2380	709.8	87	132	0	219
7/31/2022	16	1099.5	2390	709.6	87	132	0	219

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)
7/31/2022	17	1099.5	2380	709.7	87	132	0	218
7/31/2022	18	1099.5	2380	710.0	87	132	0	219
7/31/2022	19	1099.5	2370	710.1	87	132	0	220
7/31/2022	20	1099.5	2360	710.2	87	133	0	220
7/31/2022	21	1099.5	2370	710.2	87	133	0	220
7/31/2022	22	1099.5	2370	710.4	87	134	0	221
7/31/2022	23	1099.5	2360	710.2	87	134	0	221
7/31/2022	24	1099.5	2370	710.1	87	134	0	221