

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

February 27, 2009

VIA ELECTRONIC FILING

Honorable Kimberly D. Bose, Secretary
Nathaniel J. Davis, Sr., Deputy Secretary
FEDERAL ENERGY REGULATORY COMMISSION
888 First Street, NE
Washington, DC 20426

Re: **Lake Chelan Hydroelectric Project No. 637-022**
Article 405b – 2008 Annual Lake Level Report dated February 27, 2009

Dear Secretary Bose and Deputy Secretary Davis:

The Federal Energy Regulatory Commission (Commission) issued the "Order Modifying and Approving Operations Compliance and Monitoring Plan (Plan), Article 405" on November 30, 2007. The Plan satisfied the License Article 405 requirement of the "Order on Offer of Settlement and Issuing New License"[1] (License) and "Order on Rehearing"[2] for the Lake Chelan Hydroelectric Project (Project) on November 6, 2006, and April 19, 2007, respectively.

Under Ordering Paragraph (C) modifying the Plan under Article 405, Chelan PUD is required to file the following report with the Commission.

> (C) The licensee shall file annually with the Commission by February 28, beginning in 2009, their Annual Lake Level Report. The licensee shall allow the resource agencies, Tribes and non-governmental organizations specified under Article 405, 30 days to provide comments and/or recommendations on their report before filing with the Commission. The filing shall include comments and/or recommendations from the consulted entities and the licensee's response to any comments. If the licensee does not adopt a recommendation, the report shall include the licensee's reasons, based on project-specific information. Based on review of the report, the Commission reserves the right to require changes to the project to ensure compliance with the license.

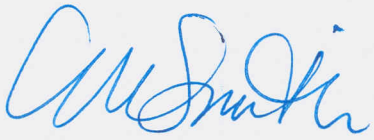
[1] 117 FERC ¶ 62,129
[2] 119 FERC ¶ 61,055

COMMISSIONERS: Carnan Bergren, Dennis S. Bolz, Ann Congdon, Norm Gutzwiler, Randy Smith GENERAL MANAGER: Richard Riazzi

In accordance with the above Order requirement, Chelan PUD hereby files the 2008 Annual Lake Level Report dated February 27, 2009. This report compares monthly actual and target lake levels; and runoff volume forecasts and other factors influencing achievement of targeted lake levels. A final draft of this report was provided to the resource agencies, Tribes and non-governmental organizations specified for 30-day review, which ends March 5.[3] Comments received to date have been incorporated into this report. If additional comments requiring changes to this report are received by March 5, Chelan PUD will file a revised report.

Please do not hesitate to contact me or Steve Hays (509-661-4181) of my office regarding any questions or comments regarding this plan.

Sincerely,



Michelle Smith
Licensing and Compliance Manager
michelle.smith@chelanpud.org
(509) 661-4180

cc: Erich Gaedeke, FERC-PRO

Enclosure: Lake Chelan 2008 Annual Lake Level Report

[3] This correspondence is available at the following Internet address: http://www.chelanpud.org/departments/licensingCompliance/lc_implementation/comm/corres/31811.pdf.

LAKE CHELAN
ANNUAL LAKE LEVEL REPORT
2007-2008 OPERATING CYCLE

LICENSE ARTICLE 405

Final

LAKE CHELAN HYDROELECTRIC PROJECT
FERC Project No. 637

February 27, 2009

Public Utility District No. 1 of Chelan County
Wenatchee, Washington

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EXECUTIVE SUMMARY

Chelan PUD received a new license (License) from the Federal Energy Regulatory Commission (FERC)[1] on November 6, 2006, authorizing Chelan PUD to operate the Lake Chelan dam and powerhouse for a period of 50 years. License Article 405 requires Chelan PUD to annually file with FERC a report comparing monthly actual and target lake levels; and runoff volume forecasts and other factors influencing achievement of targeted lake levels.

Chelan PUD manages lake levels following an annual Operating Cycle, beginning in September, that starts to release water from Lake Chelan for power generation and other purposes from September through March, and then refills Lake Chelan from April through June. The operating level of Lake Chelan is maintained at full, between 1,098 – 1,100 feet above mean sea level, from July through early September to benefit recreational use of the lake. The degree to which water is released from the lake and the resulting annual minimum lake elevation is regulated by Chelan PUD based on the predicted inflow from rain and snowmelt.

The License establishes target minimum lake levels for the period from May 1 – October 1 that Chelan PUD will make every reasonable effort to meet, consistent with other management constraints for flood control, protection of fish resources, and prevention of erosion. Chelan PUD manages power generation and spill with the intent of meeting target lake levels by using runoff and precipitation forecasts, past experience with runoff timing and actual lake levels. Chelan PUD's operation of the Project during the 2007-2008 Operating Cycle resulted in lake levels being at or above the target minimum lake levels that are required by the License for recreation in June, July, August, September and October. The lake level reached 1,099 feet on July 4 and was operated at or above 1,099.2 feet from July 5 through August.

The License contains a number of objectives, which can affect Chelan PUD's management of lake levels, which are intended to balance the needs of recreation and fish protection (Section 2). Some of these objectives take precedence over meeting target lake levels. Due to a cold spring and anticipated late runoff, the elevation of Lake Chelan was intentionally held lower than average lake elevations expected under the License terms, from early February until June of 2008. Consequently, the lake level was below the refill target for May 1, but the delayed snowmelt rapidly refilled the lake during May and the target lake level for June 1 was met. Chelan PUD began spilling on June 6 to manage the refill rate of Lake Chelan in order to meet license-operating objectives and protect fish habitat construction work in progress in the Chelan River. Spill continued until July 21.

[1] Federal Energy Regulatory Commission Order on Offer of Settlement and Issuing New License and Order on Rehearing for the Lake Chelan Hydroelectric Project No. 637 were issued November 6, 2006, and April 19, 2007, respectively, to the Public Utility District No. 1 of Chelan County.

SECTION 1: INTRODUCTION

The Lake Chelan Hydroelectric Project (Project) is owned and operated by the Public Utility District No. 1 of Chelan County (Chelan PUD). Chelan PUD received a new license (License) from the Federal Energy Regulatory Commission (FERC) on November 6, 2006, authorizing Chelan PUD to operate the Lake Chelan dam and powerhouse for a period of 50 years. As part of the normal operation of the Project, Chelan PUD withdraws water from Lake Chelan for power generation, which results in lake levels being lowered during the winter when inflows are low and refilling during the spring and early summer when inflows to Lake Chelan increase from melting snow. During the public process associated with relicensing the Project, Chelan PUD held a number of meetings and negotiating sessions with representatives of local property owners, resort owners and other stakeholders with an interest in the effect of the Project's operation on the timing of drawdown and refill of Lake Chelan. As a result of the negotiations, a set of priorities and schedule for lake level operations were developed and incorporated into a settlement agreement, which was signed by state and federal land and resource management agencies, the City of Chelan and other stakeholders. The settlement agreement was incorporated into Chelan PUD's application for a new license and FERC included those lake level operation priorities and schedule into the License.

License Article 405 requires Chelan PUD to annually file with FERC a report comparing monthly actual and target lake levels; and runoff volume forecasts and other factors influencing achievement of targeted lake levels. License Article 405 also required Chelan PUD to file an Operations Compliance Monitoring Plan (OCMP), which was to describe how Chelan PUD will comply with: (1) the instream flows, ramping rates, and tailrace flows as set forth in Article 7 of the Lake Chelan Settlement Agreement and Chapter 7 of the Comprehensive Plan attached to the Settlement Agreement; (2) and the lake levels as set forth in Article 8 of the Settlement Agreement and Chapter 8 of the Comprehensive Plan. The OCMP was submitted and FERC issued an order that modified and approved the OCMP on November 30, 2007. This present document constitutes Chelan PUD's second annual report of lake level operations, as required in License Article 405.

Chelan PUD manages lake levels following an annual Operating Cycle, beginning in September, that typically starts to release water from Lake Chelan for power generation and other purposes from September through March, and then refills Lake Chelan from April through July, with a target of reaching 1,098 feet on July 1. The operating level of Lake Chelan is maintained at full, between 1,098 – 1,100 feet above mean sea level, from July through early September to benefit recreational use of the lake. The degree to which water is released from the lake and the resulting annual minimum lake elevation is regulated by Chelan PUD based on the predicted inflow from rain and snowmelt. The License sets a minimum lake level elevation of 1,079 feet, but actual operations of the Project have only approached that limit during two years (1,079.68 feet in 1970 and 1,079.69 feet in 1937) since the Project began operation in 1927. In most years the lake level remains above 1,084 feet through the winter. Chelan PUD monitors snowfall accumulation in the Lake Chelan runoff basin and predicts the April 1 – July 31 runoff volume on a monthly basis from January – April. Chelan PUD manages power generation with the goal to assure that refill of Lake Chelan will be accomplished. The License also establishes target minimum lake levels

for the period from May 1 – October 1 that Chelan PUD will make every reasonable effort to meet consistent with other management constraints for flood control, protection of fish resources and prevention of erosion. Chelan PUD managed power generation and spill with the intent of meeting the target lake levels by using runoff volume and precipitation forecasts, past experience with runoff timing and actual lake levels. This report of lake level operations documents available information and Chelan PUD's decisions regarding operation of the powerhouse for lake level management and attainment of target lake levels during the September 2007 – August 2008 lake management Operating Cycle.

SECTION 2: LAKE CHELAN LAKE LEVELS, INFLOWS AND OUTFLOWS

The License requires that Chelan PUD manage the operating levels of Lake Chelan to stay within the minimum (1,079 feet) and maximum (1,100 feet) water level elevations and meet target lake levels, after consideration of several objectives intended to balance the needs of recreation and fish protection, that are set forth in Chapter 8 of the Lake Chelan Comprehensive Plan. These management objectives, some of which take precedence over meeting target lake levels, are as follows:

- Maintaining minimum flows in the Chelan River (this objective has priority over lake levels);
- Reducing high flows in the Chelan River (this objective has priority over lake levels);
- Satisfying regulatory requirements for flood control (adjusting lake level);
- Providing usable lake levels for recreation (which varies between elevation 1,090 feet and 1,098 feet, depending on the slope of the shoreline and boat dock configurations);
- Reduce shoreline erosion;
- Preventing fish passage blockages (due to tributary barriers); and
- Minimizing the effect of refill on attainment of flow objectives for salmon in the mainstem Columbia River.

In consideration of these objectives, target lake level elevations are established for specific dates to promote recreation (Table 1).

Table 1. Target Lake Level Elevations

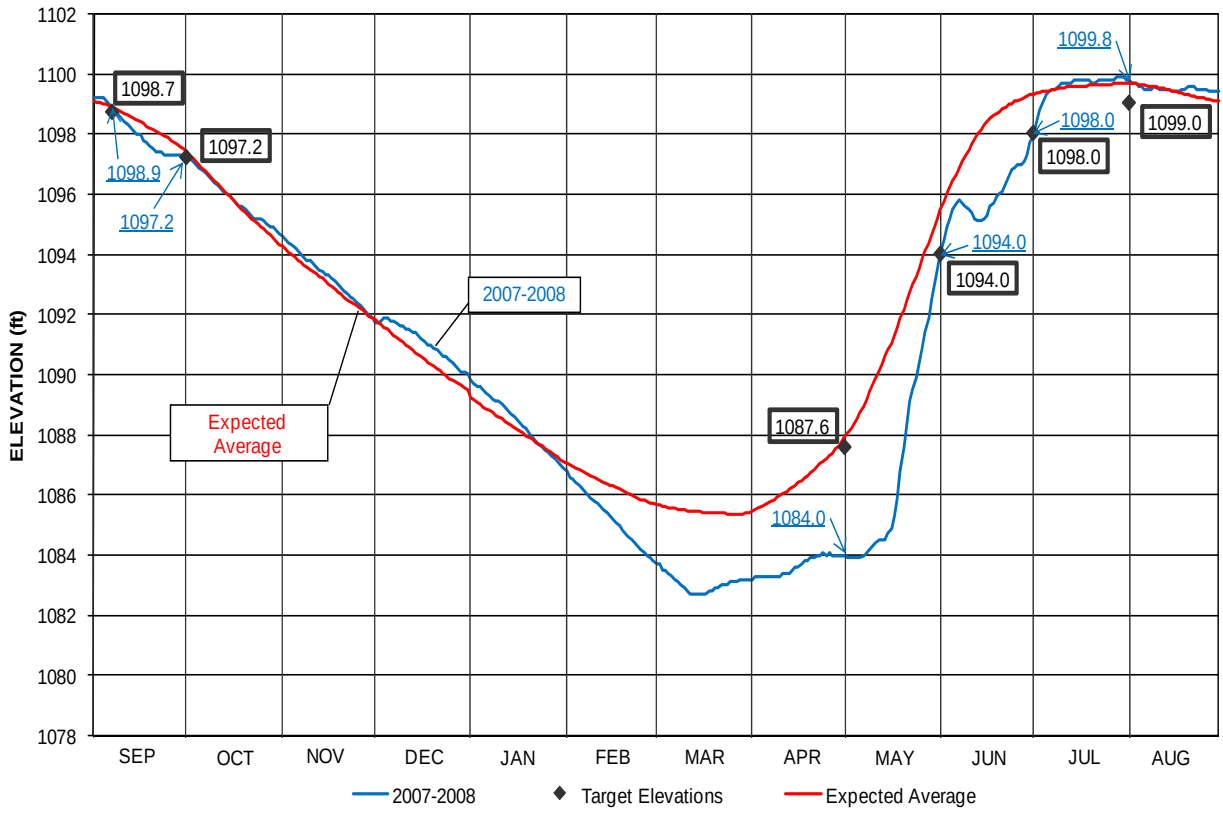
Date	Minimum Elevation (feet)
May 1	1,087.6
June 1	1,094.0
July 1	1,098.0
August 1	1,099.0
September 7	1,098.7
October 1	1,097.2

The Project's operations during the 2007-2008 Operating Cycle met management objectives for recreation during September and October, with target elevations met during this period. The lake level was managed to meet the October 1 target and then drawn down to meet power generation and tributary barrier fish passage objectives. A rainfall event in early December resulted in elevated tributary flows when the lake level was at 1091.7 feet, which may have provided some opportunity for natural reduction in tributary barriers via sediment movement. Lake level management did not need to consider minimum flows in the Chelan River because the minimum flows cannot be initiated until construction of the new outlet is completed. Lake levels were managed from October through June to maintain sufficient storage capability to manage spill levels for the protection of Chelan River habitat construction work that was in progress and meet operating objectives. Lake level targets for June 1, July 1 and August 1 were met or exceeded.

2.1 Lake Levels – Actual Compared to Targets

Chelan PUD's operation of the Project during the 2007-2008 Operating Cycle resulted in lake levels being at or above the target minimum lake levels that are required by the License for recreation in June, July, August, September and October. The lake level reached 1,099 feet on July 4 and was operated at or above 1,099.2 feet from July 5 through August. Due to a cold spring and anticipated late runoff, the elevation of Lake Chelan was lower than the average lake elevations expected under the License terms, from early February until June of 2008. Consequently, the lake level was below the refill target for May 1, but the delayed snowmelt rapidly refilled the lake during May and the target lake level for June 1 was met. Chelan PUD began spilling on June 6 to manage the refill rate of Lake Chelan in order to meet license objectives and protect fish habitat construction work in progress in the Chelan River. Spill continued until July 21. Figure 1 shows the actual 2007-2008 lake levels compared to the expected average lake levels that will result from operations under the License conditions. Current lake levels relationship to target levels are available on the Chelan PUD web site at http://www.chelanpud.org/lake-chelan-lake-levels.cfm.

Figure 1. Lake Chelan Surface Elevations in 2007-2008 Compared to License Target Elevations and Expected Average Elevations.



2.2 Lake Chelan Inflows and Outflows

The total inflow of water into Lake Chelan is not measured directly due to a number of small tributaries that are not gauged for flow. The principal tributary, the Stehekin River, is gauged and the flow information is published by the United Stated Geological Survey (USGS). Daily average inflow to Lake Chelan can be estimated from calculations using the daily change in lake level and measured discharges from the powerhouse and spillway. Calculations are subject to error due to lake level fluctuations from seiche events caused by downlake winds or from differences in barometric pressure between the upper and lower lake. This measurement variability and unmeasured irrigation and municipal water withdrawals from the lake result in the calculated inflows being imprecise and fluctuating greatly from day to day, even resulting in negative values at times. The daily inflow estimates reported here have been smoothed using a five-day moving average of the inflow estimates, which results in a time lag between the estimate and sudden changes in inflows due to weather events. The value of these inflow estimates is to document how the lake level management is affected by storm events and inflow variability from the timing of snowmelt runoff events.

Outflows from the Project's operations are measured at the powerhouse turbines and calculated from the spillway gate openings. In the future, outflow will also be reported from the low level outlet that is scheduled for completion in 2009 to provide minimum flows into the Chelan River. These flows are tabulated as hourly averages at the end of each hour. Daily average flows are the average of each hourly flow from the hour ending at 0100 through the hour ending at 2400. Current hourly flow data are available on the Chelan PUD web site at http://www.chelanpud.org/river-flows.cfm; quarterly and annual spreadsheet tabulations of hourly outflow are available on the Chelan PUD web site at http://www.chelanpud.org/lc-Resource-Documents-CRFF.cfm. Chelan River flows and temperatures will be available once minimum flows in the Chelan River have been initiated.

A tabulation of average daily outflows, estimated inflow and lake levels is presented in Appendix A. In addition, daily average lake levels from the USGS gauge at Lakeside and Stehekin River flows are provided in this tabulation.

SECTION 3: SUMMARY OF LAKE LEVEL MANAGEMENT DECISIONS

Chelan PUD controls the drafting and refilling of Lake Chelan with the aid of several snow monitoring locations that are used to predict total volume of snowmelt inflows and, in combination with weather forecasts, potential near-term changes in the timing of that snowmelt. The predicted snowfall from the National Weather Service and other sources is used to forewarn of potential limits to the amount that can be drafted from Lake Chelan for power generation, while still assuring that refill will occur by the summer recreation season. As the winter progresses, runoff volume forecasts specific to the Lake Chelan basin become available to predict the volume that can be withdrawn from the lake for generation. When snowfall is predicted to be low, Chelan PUD reduces or curtails withdrawals from the lake. During the drought winter of 2000-2001, Chelan PUD curtailed generation in late December of 2000 and did not draft significant amounts of water from the lake until the following April, when the runoff forecast indicated that lake refill was assured. In a more typical year with average or low snowfall, reductions in powerhouse operations take place in the late winter or spring.

In most years, except those with drought conditions or late runoff, Chelan PUD operates the powerhouse throughout the winter and spring while monitoring lake levels and the condition of the snow pack to determine if spilling of water will be needed for flood control and to prevent high spill events that cause erosion in the Chelan River. In 2008, management of spill volumes to allow timely construction of fish habitat in the Chelan River was a primary concern. Protection of that fish habitat in the Chelan River will continue to be a primary factor in managing the spill events through the term of the License.

3.1 Runoff Forecasts

April 1 through July 31, 2008 Runoff Forecasts for the Chelan Basin were produced on February 1, March 1 and April 1 of 2008. The February forecast predicted lower than average runoff volume, but by March the runoff prediction changed to near average. The April forecast predicted higher than average runoff volume and certainty of refill. Runoff volume forecasts, lake level and volume required to refill are shown in Table 2.

Table 2. Runoff Volume Forecasts for Apr – Jul 2008

Month	Volume (SFD)	Percent of Normal	Lake Elevation (feet)	Feet Above/Below Normal	Volume to Refill (SFD)
February 1	488,340	93 %	1086.8	-0.4	217,450
March 1 (low)	514,600	98 %	1083.8	-2.0	266,690
March 1 (high)	540,900	103%	1083.8	-2.0	266,690
April 1	561,900	107 %	1083.3	-2.3	274,900

3.2 Decisions Related To Objectives

Forecasts and a cold spring provided every indication that 2008 was going to be a late runoff year. For these reasons, Chelan PUD intentionally held the lake level lower in April to provide adequate lake storage to capture high flows from the delayed runoff and avoid very high spill flows. Spill flows exceeding 6,000 cfs would have prevented construction of fish habitat scheduled for May and June. Consequently, the lake level was below the refill target for May 1. Significant refill began in mid-May with increased runoff that resulted in lake levels raising 8 feet in 13 days. Generation was managed through the rest of May to bring the lake level into the normal operating curve by the first of June. This included generating to near capacity until the last five days of May when generation was reduced to meet the June lake level target.

Spill was initiated in early June and generation and spill were managed throughout the month of June to meet the July 1 target of 1,098.0 feet. The lake level reached 1,099.0 feet on July 4. To protect fish habitat from erosion, Chelan PUD manages spill to avoid exceeding 6,000 cfs, to the extent feasible. During the 2007-2008 Operating Cycle, spill in the Chelan River was kept at or below 6,000 cfs.

Inflows continued to exceed powerhouse capacity through mid July and spill was continued through July 21. Inflows during August were less than the powerhouse capacity. Powerhouse generation was reduced as needed to maintain lake levels for recreation. The lake level was maintained at or above 1,099.2 feet through the month of August.

3.3 Public Outreach

Chelan PUD recognizes the importance of communicating with the residents and property owners regarding plans for management of lake levels as operations change due to License requirements and runoff forecasts. During 2007-2008 lake level operating cycles, Chelan PUD notified the public and waterfront residents regarding lake level operations through publication in local newspaper articles, radio interviews, public meetings, and two major mailings. The first letter was sent August 27, 2007, informing residents regarding the changes that would affect lake levels under the new License and that fall lake levels will be lower than during the previous 20 years (http://www.chelanpud.org/documents/ResidentLetter.pdf.) Chelan PUD mailed a second letter on May 2, 2008, that provided information regarding the expected late runoff conditions and notification that the lake level would be lower than average during early summer (http://www.chelanpud.org/documents/LC_letter4-30-08.pdf.) Additionally, Chelan PUD regularly publicizes availability of its web page link for information related to lake levels, runoff forecasts and other information.

APPENDIX A: DAILY AVERAGE LAKE CHELAN ELEVATIONS, INFLOW AND OUTFLOW

DAILY AVERAGE LAKE CHELAN ELEVATIONS, INFLOW AND OUTFLOW

Date	Chelan PUD Lake Elevation (ft)	USGS Lake Elevation (ft)	Stehekin River Flow (cfs)	Total[2] Estimated Inflow (cfs)	Powerhouse Turbine Flow (cfs)	Spill Flow (cfs)	Low Level Outlet Flow (cfs)	Total Outflow (cfs)
9/1/2007	1099.2	1099.2	641	781	733	0	NA	733
9/2/2007	1099.2	1099.2	596	770	0	0	NA	0
9/3/2007	1099.2	1099.2	592	858	1625	0	NA	1625
9/4/2007	1099.2	1099.2	602	856	2200	0	NA	2200
9/5/2007	1099.1	1099.1	610	947	2200	0	NA	2200
9/6/2007	1099.0	1099.0	625	599	2200	0	NA	2200
9/7/2007	1098.9	1098.9	569	509	2200	0	NA	2200
9/8/2007	1098.8	1098.8	509	354	2200	0	NA	2200
9/9/2007	1098.6	1098.7	472	374	2200	0	NA	2200
9/10/2007	1098.5	1098.6	452	368	2200	0	NA	2200
9/11/2007	1098.4	1098.5	477	488	2200	0	NA	2200
9/12/2007	1098.3	1098.3	500	502	2200	0	NA	2200
9/13/2007	1098.2	1098.2	487	552	2200	0	NA	2200
9/14/2007	1098.1	1098.1	478	708	2200	0	NA	2200
9/15/2007	1098.0	1098.1	466	595	2200	0	NA	2200
9/16/2007	1098.0	1098.0	436	512	2200	0	NA	2200
9/17/2007	1097.8	1097.9	408	474	2200	0	NA	2200
9/18/2007	1097.7	1097.7	388	438	2200	0	NA	2200
9/19/2007	1097.6	1097.6	357	87	2200	0	NA	2200
9/20/2007	1097.5	1097.5	335	46	2200	0	NA	2200
9/21/2007	1097.4	1097.4	318	5	1325	0	NA	1325
9/22/2007	1097.4	1097.4	338	70	0	0	NA	0
9/23/2007	1097.4	1097.4	313	-89	0	0	NA	0
9/24/2007	1097.3	1097.4	289	73	1279	0	NA	1279
9/25/2007	1097.3	1097.3	275	17	0	0	NA	0
9/26/2007	1097.3	1097.3	268	321	433	0	NA	433
9/27/2007	1097.3	1097.3	269	125	0	0	NA	0
9/28/2007	1097.3	1097.3	309	130	654	0	NA	654
9/29/2007	1097.3	1097.3	281	427	721	0	NA	721
9/30/2007	1097.2	1097.2	289	713	46	0	NA	46
10/1/2007	1097.2	1097.3	305	576	1971	0	NA	1971
10/2/2007	1097.2	1097.2	419	791	2200	0	NA	2200
10/3/2007	1097.1	1097.1	566	976	2200	0	NA	2200
10/4/2007	1097.0	1097.0	418	637	2200	0	NA	2200
10/5/2007	1096.9	1096.9	360	570	2200	0	NA	2200
10/6/2007	1096.8	1096.8	328	575	2200	0	NA	2200
10/7/2007	1096.7	1096.7	430	554	2200	0	NA	2200
10/8/2007	1096.6	1096.6	802	604	2200	0	NA	2200
10/9/2007	1096.5	1096.5	544	674	2200	0	NA	2200

[2] The total estimated inflow is based on calculations from changes in lake water surface elevation, which is highly variable due to wind, measurement error and other factors. Thus, daily inflow estimates may be obviously too low (even negative, which is impossible) or too high when compared to the inflow from the Stehekin River. When the estimated inflow is averaged over a period of ten days or more, it is reasonably accurate and useful to determine the proportion of inflow coming from high elevation snow melt versus low elevation runoff and rainfall. Inflows in early spring typically have a high contribution from low elevation sources, whereas late summer and fall inflow is predominately from the Stehekin River.

DAILY AVERAGE LAKE CHELAN ELEVATIONS, INFLOW AND OUTFLOW

Date	Chelan PUD Lake Elevation (ft)	USGS Lake Elevation (ft)	Stehekin River Flow (cfs)	Total[2] Estimated Inflow (cfs)	Powerhouse Turbine Flow (cfs)	Spill Flow (cfs)	Low Level Outlet Flow (cfs)	Total Outflow (cfs)
10/10/2007	1096.4	1096.4	569	746	2200	0	NA	2200
10/11/2007	1096.3	1096.3	599	682	2200	0	NA	2200
10/12/2007	1096.2	1096.2	517	666	2200	0	NA	2200
10/13/2007	1096.1	1096.1	466	629	2200	0	NA	2200
10/14/2007	1096.0	1096.0	435	598	2200	0	NA	2200
10/15/2007	1095.9	1095.9	418	612	2200	0	NA	2200
10/16/2007	1095.8	1095.8	443	585	2200	0	NA	2200
10/17/2007	1095.7	1095.7	423	740	2200	0	NA	2200
10/18/2007	1095.6	1095.6	413	784	2200	0	NA	2200
10/19/2007	1095.6	1095.6	464	702	2200	0	NA	2200
10/20/2007	1095.5	1095.5	457	682	2200	0	NA	2200
10/21/2007	1095.4	1095.4	422	924	2200	0	NA	2200
10/22/2007	1095.3	1095.3	595	975	2200	0	NA	2200
10/23/2007	1095.2	1095.2	1200	1075	2200	0	NA	2200
10/24/2007	1095.2	1095.2	1340	1293	2200	0	NA	2200
10/25/2007	1095.2	1095.2	1220	1297	2200	0	NA	2200
10/26/2007	1095.1	1095.1	900	1144	2200	0	NA	2200
10/27/2007	1095.0	1095.0	768	1042	2200	0	NA	2200
10/28/2007	1094.9	1094.9	683	923	2200	0	NA	2200
10/29/2007	1094.9	1094.9	631	786	2200	0	NA	2200
10/30/2007	1094.8	1094.8	578	775	2200	0	NA	2200
10/31/2007	1094.7	1094.7	537	751	2200	0	NA	2200
11/1/2007	1094.6	1094.6	506	628	2163	0	NA	2163
11/2/2007	1094.5	1094.5	470	620	2200	0	NA	2200
11/3/2007	1094.4	1094.4	467	700	2200	0	NA	2200
11/4/2007	1094.3	1094.3	624	638	2200	0	NA	2200
11/5/2007	1094.2	1094.2	564	593	2200	0	NA	2200
11/6/2007	1094.1	1094.1	511	690	2200	0	NA	2200
11/7/2007	1094.0	1094.0	481	738	2200	0	NA	2200
11/8/2007	1093.9	1093.9	545	785	2200	0	NA	2200
11/9/2007	1093.8	1093.8	586	823	2200	0	NA	2200
11/10/2007	1093.8	1093.8	604	907	2200	0	NA	2200
11/11/2007	1093.7	1093.7	555	1005	2200	0	NA	2200
11/12/2007	1093.6	1093.6	560	840	2200	0	NA	2200
11/13/2007	1093.5	1093.6	553	771	2200	0	NA	2200
11/14/2007	1093.4	1093.4	507	796	2200	0	NA	2200
11/15/2007	1093.3	1093.3	511	906	2200	0	NA	2200
11/16/2007	1093.3	1093.3	535	783	1825	0	NA	1825
11/17/2007	1093.2	1093.2	519	817	2200	0	NA	2200
11/18/2007	1093.1	1093.1	492	775	2200	0	NA	2200
11/19/2007	1093.0	1093.0	460	755	2200	0	NA	2200
11/20/2007	1092.9	1092.9	434	545	2200	0	NA	2200
11/21/2007	1092.8	1092.8	396	412	2200	0	NA	2200
11/22/2007	1092.7	1092.7	371	445	2192	0	NA	2192
11/23/2007	1092.6	1092.6	356	390	2200	0	NA	2200
11/24/2007	1092.5	1092.5	358	345	2200	0	NA	2200
11/25/2007	1092.4	1092.4	345	432	2200	0	NA	2200

DAILY AVERAGE LAKE CHELAN ELEVATIONS, INFLOW AND OUTFLOW

Date	Chelan PUD Lake Elevation (ft)	USGS Lake Elevation (ft)	Stehekin River Flow (cfs)	Total[2] Estimated Inflow (cfs)	Powerhouse Turbine Flow (cfs)	Spill Flow (cfs)	Low Level Outlet Flow (cfs)	Total Outflow (cfs)
11/26/2007	1092.3	1092.3	342	477	2200	0	NA	2200
11/27/2007	1092.2	1092.2	343	534	2200	0	NA	2200
11/28/2007	1092.1	1092.1	331	521	2200	0	NA	2200
11/29/2007	1092.0	1092.0	324	489	2200	0	NA	2200
11/30/2007	1091.9	1091.9	314	587	2200	0	NA	2200
12/1/2007	1091.7	1091.7	305	1212	2200	0	NA	2200
12/2/2007	1091.7	1091.7	307	1810	2200	0	NA	2200
12/3/2007	1091.8	1091.8	315	2264	2200	0	NA	2200
12/4/2007	1091.9	1091.9	1070	2560	2200	0	NA	2200
12/5/2007	1091.9	1091.9	1450	2508	2200	0	NA	2200
12/6/2007	1091.8	1091.8	940	2068	2200	0	NA	2200
12/7/2007	1091.8	1091.8	779	1496	2200	0	NA	2200
12/8/2007	1091.7	1091.7	678	1177	2200	0	NA	2200
12/9/2007	1091.6	1091.6	625	901	2200	0	NA	2200
12/10/2007	1091.6	1091.6	591	918	2200	0	NA	2200
12/11/2007	1091.5	1091.5	552	817	1300	0	NA	1300
12/12/2007	1091.5	1091.5	545	794	1350	0	NA	1350
12/13/2007	1091.4	1091.4	505	780	1508	0	NA	1508
12/14/2007	1091.4	1091.4	480	872	2200	0	NA	2200
12/15/2007	1091.3	1091.3	470	848	2200	0	NA	2200
12/16/2007	1091.2	1091.2	470	866	2200	0	NA	2200
12/17/2007	1091.1	1091.1	472	1040	2200	0	NA	2200
12/18/2007	1091.0	1091.1	460	1038	2200	0	NA	2200
12/19/2007	1091.0	1091.0	440	1009	2200	0	NA	2200
12/20/2007	1090.9	1090.9	428	908	2200	0	NA	2200
12/21/2007	1090.8	1090.8	403	881	2200	0	NA	2200
12/22/2007	1090.7	1090.7	400	968	2200	0	NA	2200
12/23/2007	1090.6	1090.7	382	808	2200	0	NA	2200
12/24/2007	1090.6	1090.6	386	787	2200	0	NA	2200
12/25/2007	1090.5	1090.5	375	772	2200	0	NA	2200
12/26/2007	1090.4	1090.4	380	814	2200	0	NA	2200
12/27/2007	1090.3	1090.3	353	572	2200	0	NA	2200
12/28/2007	1090.2	1090.2	362	876	2200	0	NA	2200
12/29/2007	1090.1	1090.1	355	818	2200	0	NA	2200
12/30/2007	1090.1	1090.1	350	744	2200	0	NA	2200
12/31/2007	1090.0	1090.0	336	718	2200	0	NA	2200
1/1/2008	1089.8	1089.9	334	671	2200	0	NA	2200
1/2/2008	1089.7	1089.8	339	624	2200	0	NA	2200
1/3/2008	1089.6	1089.7	341	758	2200	0	NA	2200
1/4/2008	1089.6	1089.6	342	911	2200	0	NA	2200
1/5/2008	1089.5	1089.5	340	857	2200	0	NA	2200
1/6/2008	1089.4	1089.5	330	869	2200	0	NA	2200
1/7/2008	1089.3	1089.4	330	734	2200	0	NA	2200
1/8/2008	1089.2	1089.2	330	716	2200	0	NA	2200
1/9/2008	1089.1	1089.2	323	733	2200	0	NA	2200
1/10/2008	1089.1	1089.1	321	722	2200	0	NA	2200
1/11/2008	1089.0	1089.0	307	721	2200	0	NA	2200

DAILY AVERAGE LAKE CHELAN ELEVATIONS, INFLOW AND OUTFLOW

Date	Chelan PUD Lake Elevation (ft)	USGS Lake Elevation (ft)	Stehekin River Flow (cfs)	Total[2] Estimated Inflow (cfs)	Powerhouse Turbine Flow (cfs)	Spill Flow (cfs)	Low Level Outlet Flow (cfs)	Total Outflow (cfs)
1/12/2008	1088.9	1088.9	293	721	2200	0	NA	2200
1/13/2008	1088.8	1088.8	278	699	2200	0	NA	2200
1/14/2008	1088.7	1088.7	279	598	2200	0	NA	2200
1/15/2008	1088.6	1088.6	272	570	2200	0	NA	2200
1/16/2008	1088.5	1088.5	247	497	2200	0	NA	2200
1/17/2008	1088.4	1088.4	252	465	2200	0	NA	2200
1/18/2008	1088.3	1088.3	247	416	2200	0	NA	2200
1/19/2008	1088.2	1088.2	247	445	2200	0	NA	2200
1/20/2008	1088.0	1088.1	258	423	2200	0	NA	2200
1/21/2008	1087.9	1088.0	216	428	2200	0	NA	2200
1/22/2008	1087.8	1087.8	173	395	2200	0	NA	2200
1/23/2008	1087.7	1087.7	176	442	2200	0	NA	2200
1/24/2008	1087.6	1087.6	178	375	2200	0	NA	2200
1/25/2008	1087.5	1087.5	171	409	2200	0	NA	2200
1/26/2008	1087.4	1087.4	175	456	2200	0	NA	2200
1/27/2008	1087.3	1087.3	180	490	2200	0	NA	2200
1/28/2008	1087.2	1087.2	185	458	2200	0	NA	2200
1/29/2008	1087.1	1087.1	190	505	2200	0	NA	2200
1/30/2008	1087.0	1087.0	188	524	2200	0	NA	2200
1/31/2008	1086.9	1086.9	192	525	2200	0	NA	2200
2/1/2008	1086.8	1086.8	207	506	2200	0	NA	2200
2/2/2008	1086.6	1086.7	213	519	2200	0	NA	2200
2/3/2008	1086.5	1086.6	219	443	2200	0	NA	2200
2/4/2008	1086.4	1086.5	224	482	2200	0	NA	2200
2/5/2008	1086.3	1086.3	232	517	2200	0	NA	2200
2/6/2008	1086.2	1086.2	235	571	2200	0	NA	2200
2/7/2008	1086.1	1086.1	239	572	2200	0	NA	2200
2/8/2008	1086.0	1086.1	240	602	2200	0	NA	2200
2/9/2008	1085.9	1086.0	238	536	2200	0	NA	2200
2/10/2008	1085.8	1085.8	238	453	2200	0	NA	2200
2/11/2008	1085.7	1085.7	236	480	2200	0	NA	2200
2/12/2008	1085.6	1085.6	232	450	2200	0	NA	2200
2/13/2008	1085.5	1085.5	232	425	2200	0	NA	2200
2/14/2008	1085.4	1085.4	231	467	2200	0	NA	2200
2/15/2008	1085.3	1085.3	230	501	2200	0	NA	2200
2/16/2008	1085.2	1085.2	228	450	2200	0	NA	2200
2/17/2008	1085.1	1085.1	228	456	2200	0	NA	2200
2/18/2008	1085.0	1085.0	225	533	2200	0	NA	2200
2/19/2008	1084.8	1084.9	227	510	2200	0	NA	2200
2/20/2008	1084.7	1084.8	226	515	2221	0	NA	2221
2/21/2008	1084.6	1084.7	229	513	2236	0	NA	2236
2/22/2008	1084.5	1084.6	231	519	2233	0	NA	2233
2/23/2008	1084.4	1084.5	234	547	2233	0	NA	2233
2/24/2008	1084.3	1084.3	234	567	2233	0	NA	2233
2/25/2008	1084.2	1084.2	234	566	2235	0	NA	2235
2/26/2008	1084.1	1084.1	238	586	2237	0	NA	2237
2/27/2008	1084.0	1084.0	245	634	2234	0	NA	2234

DAILY AVERAGE LAKE CHELAN ELEVATIONS, INFLOW AND OUTFLOW

Date	Chelan PUD Lake Elevation (ft)	USGS Lake Elevation (ft)	Stehekin River Flow (cfs)	Total[2] Estimated Inflow (cfs)	Powerhouse Turbine Flow (cfs)	Spill Flow (cfs)	Low Level Outlet Flow (cfs)	Total Outflow (cfs)
2/28/2008	1083.9	1083.9	266	718	2234	0	NA	2234
2/29/2008	1083.8	1083.8	290	748	2235	0	NA	2235
3/1/2008	1083.7	1083.8	318	770	2238	0	NA	2238
3/2/2008	1083.7	1083.7	323	859	2240	0	NA	2240
3/3/2008	1083.5	1083.6	328	818	2240	0	NA	2240
3/4/2008	1083.5	1083.5	333	676	2240	0	NA	2240
3/5/2008	1083.4	1083.4	333	678	2240	0	NA	2240
3/6/2008	1083.3	1083.3	333	730	2235	0	NA	2235
3/7/2008	1083.2	1083.2	336	685	2229	0	NA	2229
3/8/2008	1083.1	1083.1	356	725	2225	0	NA	2225
3/9/2008	1083.0	1083.0	383	826	2224	0	NA	2224
3/10/2008	1082.9	1082.9	401	771	2226	0	NA	2226
3/11/2008	1082.8	1082.8	436	481	2225	0	NA	2225
3/12/2008	1082.7	1082.8	451	415	1735	0	NA	1735
3/13/2008	1082.7	1082.7	450	503	700	0	NA	700
3/14/2008	1082.7	1082.7	449	456	697	0	NA	697
3/15/2008	1082.7	1082.7	453	483	672	0	NA	672
3/16/2008	1082.7	1082.7	452	705	30	0	NA	30
3/17/2008	1082.7	1082.8	448	814	196	0	NA	196
3/18/2008	1082.8	1082.8	445	659	30	0	NA	30
3/19/2008	1082.8	1082.8	432	603	30	0	NA	30
3/20/2008	1082.9	1082.9	426	741	30	0	NA	30
3/21/2008	1082.9	1082.9	416	713	30	0	NA	30
3/22/2008	1083.0	1083.0	404	649	30	0	NA	30
3/23/2008	1083.0	1083.0	410	769	30	0	NA	30
3/24/2008	1083.0	1083.1	397	763	32	0	NA	32
3/25/2008	1083.1	1083.1	384	569	30	0	NA	30
3/26/2008	1083.1	1083.1	378	721	30	0	NA	30
3/27/2008	1083.1	1083.2	367	918	30	0	NA	30
3/28/2008	1083.2	1083.2	360	730	481	0	NA	481
3/29/2008	1083.2	1083.2	348	700	1133	0	NA	1133
3/30/2008	1083.2	1083.2	340	705	44	0	NA	44
3/31/2008	1083.2	1083.2	332	516	44	0	NA	44
4/1/2008	1083.2	1083.3	323	508	50	0	NA	50
4/2/2008	1083.3	1083.3	320	454	43	0	NA	43
4/3/2008	1083.3	1083.3	319	707	1452	0	NA	1452
4/4/2008	1083.3	1083.3	323	616	40	0	NA	40
4/5/2008	1083.3	1083.3	324	595	1483	0	NA	1483
4/6/2008	1083.3	1083.3	335	388	40	0	NA	40
4/7/2008	1083.3	1083.3	342	559	29	0	NA	29
4/8/2008	1083.3	1083.3	342	352	479	0	NA	479
4/9/2008	1083.3	1083.3	342	547	443	0	NA	443
4/10/2008	1083.3	1083.3	349	586	30	0	NA	30
4/11/2008	1083.4	1083.4	363	565	38	0	NA	38
4/12/2008	1083.4	1083.4	403	755	40	0	NA	40
4/13/2008	1083.4	1083.4	569	972	40	0	NA	40
4/14/2008	1083.5	1083.5	781	1026	137	0	NA	137

DAILY AVERAGE LAKE CHELAN ELEVATIONS, INFLOW AND OUTFLOW

Date	Chelan PUD Lake Elevation (ft)	USGS Lake Elevation (ft)	Stehekin River Flow (cfs)	Total[2] Estimated Inflow (cfs)	Powerhouse Turbine Flow (cfs)	Spill Flow (cfs)	Low Level Outlet Flow (cfs)	Total Outflow (cfs)
4/15/2008	1083.6	1083.6	801	1297	261	0	NA	261
4/16/2008	1083.6	1083.6	780	1362	260	0	NA	260
4/17/2008	1083.7	1083.7	812	1278	260	0	NA	260
4/18/2008	1083.8	1083.8	853	1198	259	0	NA	259
4/19/2008	1083.8	1083.8	820	1243	260	0	NA	260
4/20/2008	1083.9	1083.9	781	1178	262	0	NA	262
4/21/2008	1083.9	1083.9	747	1201	291	0	NA	291
4/22/2008	1084.0	1084.0	713	1305	437	0	NA	437
4/23/2008	1084.0	1084.0	701	1139	625	0	NA	625
4/24/2008	1084.1	1084.1	691	1093	1108	0	NA	1108
4/25/2008	1084.0	1084.1	683	957	433	0	NA	433
4/26/2008	1084.1	1084.1	685	1129	1000	0	NA	1000
4/27/2008	1084.0	1084.1	720	1234	1000	0	NA	1000
4/28/2008	1084.0	1084.1	851	1554	1898	0	NA	1898
4/29/2008	1084.0	1084.1	1090	1695	2200	0	NA	2200
4/30/2008	1084.0	1084.0	1090	1788	2200	0	NA	2200
5/1/2008	1084.0	1084.0	1070	1732	2200	0	NA	2200
5/2/2008	1083.9	1083.9	1080	1700	2200	0	NA	2200
5/3/2008	1083.9	1083.9	1140	1750	2200	0	NA	2200
5/4/2008	1083.9	1083.9	1360	1969	2200	0	NA	2200
5/5/2008	1083.9	1083.9	1900	2527	2200	0	NA	2200
5/6/2008	1083.9	1083.9	2330	2955	2200	0	NA	2200
5/7/2008	1084.0	1084.0	2660	3233	2200	0	NA	2200
5/8/2008	1084.1	1084.1	2530	3436	2200	0	NA	2200
5/9/2008	1084.2	1084.2	2330	3657	2200	0	NA	2200
5/10/2008	1084.3	1084.3	2260	3595	2200	0	NA	2200
5/11/2008	1084.4	1084.4	2210	3392	2200	0	NA	2200
5/12/2008	1084.5	1084.5	2090	3294	2200	0	NA	2200
5/13/2008	1084.5	1084.5	2150	3515	2200	0	NA	2200
5/14/2008	1084.5	1084.6	2420	3818	2200	0	NA	2200
5/15/2008	1084.7	1084.7	3950	4757	2200	0	NA	2200
5/16/2008	1084.9	1084.9	6060	6803	2200	0	NA	2200
5/17/2008	1085.3	1085.3	8590	9381	2200	0	NA	2200
5/18/2008	1085.9	1085.9	1090	11527	2200	0	NA	2200
5/19/2008	1086.8	1086.8	9320	13445	2200	0	NA	2200
5/20/2008	1087.6	1087.6	8940	14551	2200	0	NA	2200
5/21/2008	1088.4	1088.4	6990	13904	2200	0	NA	2200
5/22/2008	1089.1	1089.1	5220	12460	2200	0	NA	2200
5/23/2008	1089.5	1089.5	4710	11342	2198	0	NA	2198
5/24/2008	1089.9	1089.9	4850	10345	2200	0	NA	2200
5/25/2008	1090.4	1090.4	5800	9435	2200	0	NA	2200
5/26/2008	1090.9	1090.9	6350	9562	2200	0	NA	2200
5/27/2008	1091.4	1091.4	6520	9956	1072	0	NA	1072
5/28/2008	1091.9	1091.9	6700	10079	1505	0	NA	1481
5/29/2008	1092.5	1092.5	6870	9848	1100	0	NA	1100
5/30/2008	1093.0	1093.1	6520	9865	1092	0	NA	1092
5/31/2008	1093.5	1093.5	5790	9377	1075	0	NA	1075

DAILY AVERAGE LAKE CHELAN ELEVATIONS, INFLOW AND OUTFLOW

Date	Chelan PUD Lake Elevation (ft)	USGS Lake Elevation (ft)	Stehekin River Flow (cfs)	Total[2] Estimated Inflow (cfs)	Powerhouse Turbine Flow (cfs)	Spill Flow (cfs)	Low Level Outlet Flow (cfs)	Total Outflow (cfs)
6/1/2008	1094.0	1094.0	5800	8808	1100	0	NA	1100
6/2/2008	1094.5	1094.5	5340	8179	939	0	NA	939
6/3/2008	1094.9	1094.9	4750	7327	1151	0	NA	1151
6/4/2008	1095.2	1095.2	4170	6779	1202	0	NA	949
6/5/2008	1095.5	1095.5	3590	6288	361	0	NA	323
6/6/2008	1095.7	1095.7	3220	5586	1121	1575	NA	2696
6/7/2008	1095.8	1095.8	2870	5173	984	3981	NA	4965
6/8/2008	1095.7	1095.7	2720	5069	778	3962	NA	4739
6/9/2008	1095.6	1095.7	2720	4760	1567	4638	NA	6205
6/10/2008	1095.5	1095.5	2630	4193	1610	4966	NA	6576
6/11/2008	1095.4	1095.4	2480	3987	1787	5202	NA	6989
6/12/2008	1095.2	1095.2	2480	3947	1746	4484	NA	6230
6/13/2008	1095.1	1095.1	3020	4237	2173	2238	NA	4411
6/14/2008	1095.1	1095.2	3610	4208	1814	1961	NA	3775
6/15/2008	1095.2	1095.2	3670	4934	2200	1977	NA	4177
6/16/2008	1095.3	1095.3	4000	5333	2045	1173	NA	3218
6/17/2008	1095.6	1095.6	4030	5309	2200	201	NA	2401
6/18/2008	1095.7	1095.7	3530	5041	2200	200	NA	2400
6/19/2008	1095.9	1095.9	3090	4998	2200	207	NA	2407
6/20/2008	1096.0	1096.0	2960	4898	2200	210	NA	2410
6/21/2008	1096.1	1096.1	3910	5036	2200	210	NA	2410
6/22/2008	1096.4	1096.4	4200	5156	1415	210	NA	1625
6/23/2008	1096.6	1096.6	3940	5340	1716	210	NA	1929
6/24/2008	1096.8	1096.8	3390	5535	2029	220	NA	2249
6/25/2008	1096.9	1096.9	3320	5271	2200	970	NA	3170
6/26/2008	1097.0	1097.0	3330	5205	1703	2505	NA	4208
6/27/2008	1097.0	1097.0	3580	5652	1840	2507	NA	4347
6/28/2008	1097.1	1097.1	4910	6346	840	2525	NA	3365
6/29/2008	1097.3	1097.4	6020	7072	2200	1815	NA	4015
6/30/2008	1097.7	1097.7	6730	7906	2066	1037	NA	3103
7/1/2008	1098.0	1098.1	6560	8551	2200	1044	NA	3244
7/2/2008	1098.4	1098.4	6110	8526	1966	1027	NA	2993
7/3/2008	1098.8	1098.8	6130	7982	2200	608	NA	2808
7/4/2008	1099.0	1099.1	5250	7167	2200	220	NA	2420
7/5/2008	1099.3	1099.3	4040	6381	2200	225	NA	2425
7/6/2008	1099.4	1099.4	3620	5343	2200	378	NA	2578
7/7/2008	1099.5	1099.5	3230	4754	2200	1014	NA	3214
7/8/2008	1099.5	1099.6	3100	4361	2200	1020	NA	3220
7/9/2008	1099.6	1099.6	3280	4009	2200	854	NA	3054
7/10/2008	1099.7	1099.7	3170	3624	2200	510	NA	2710
7/11/2008	1099.7	1099.7	2530	3489	2200	510	NA	2710
7/12/2008	1099.7	1099.7	2300	3214	2200	510	NA	2710
7/13/2008	1099.7	1099.7	2390	2981	2200	510	NA	2710
7/14/2008	1099.8	1099.8	2470	2824	2200	515	NA	2715
7/15/2008	1099.8	1099.8	2310	2858	2200	520	NA	2720
7/16/2008	1099.8	1099.8	2220	2790	2200	520	NA	2720
7/17/2008	1099.8	1099.8	2160	2649	2200	520	NA	2720

DAILY AVERAGE LAKE CHELAN ELEVATIONS, INFLOW AND OUTFLOW

Date	Chelan PUD Lake Elevation (ft)	USGS Lake Elevation (ft)	Stehekin River Flow (cfs)	Total[2] Estimated Inflow (cfs)	Powerhouse Turbine Flow (cfs)	Spill Flow (cfs)	Low Level Outlet Flow (cfs)	Total Outflow (cfs)
7/18/2008	1099.8	1099.8	2040	2517	2200	399	NA	2565
7/19/2008	1099.8	1099.8	1950	2455	2200	230	NA	2430
7/20/2008	1099.7	1099.7	1980	2411	2200	228	NA	2428
7/21/2008	1099.7	1099.7	2020	2297	2200	130	NA	2330
7/22/2008	1099.8	1099.8	2100	2196	2200	0	NA	2200
7/23/2008	1099.8	1099.8	2020	2187	2200	0	NA	2200
7/24/2008	1099.8	1099.8	1820	2116	1933	0	NA	1865
7/25/2008	1099.8	1099.8	1750	2131	2200	0	NA	2200
7/26/2008	1099.8	1099.8	1790	2075	2200	0	NA	1792
7/27/2008	1099.8	1099.9	1740	2152	1453	0	NA	1453
7/28/2008	1099.9	1099.9	1700	2167	1208	0	NA	1208
7/29/2008	1099.9	1099.9	1550	2098	2200	0	NA	2200
7/30/2008	1099.9	1099.9	1600	1785	2200	0	NA	2200
7/31/2008	1099.8	1099.8	1310	1765	2200	0	NA	2200
8/1/2008	1099.8	1099.8	1570	1635	2200	0	NA	2200
8/2/2008	1099.7	1099.8	1340	1385	2200	0	NA	2200
8/3/2008	1099.7	1099.7	1220	1311	2200	0	NA	2200
8/4/2008	1099.6	1099.6	1210	1308	2200	0	NA	2200
8/5/2008	1099.6	1099.6	1270	1270	2200	0	NA	2200
8/6/2008	1099.5	1099.6	1340	1329	1590	0	NA	1590
8/7/2008	1099.5	1099.6	1430	1596	1654	0	NA	1654
8/8/2008	1099.5	1099.6	1570	1717	1596	0	NA	1596
8/9/2008	1099.6	1099.6	1610	1599	1650	0	NA	1650
8/10/2008	1099.6	1099.6	1350	1515	1572	0	NA	1572
8/11/2008	1099.5	1099.6	1100	1444	1572	0	NA	1572
8/12/2008	1099.5	1099.5	1020	1191	1684	0	NA	1684
8/13/2008	1099.5	1099.5	1050	1028	1548	0	NA	1548
8/14/2008	1099.5	1099.5	1190	1229	1568	0	NA	1568
8/15/2008	1099.4	1099.4	1320	1345	1575	0	NA	1575
8/16/2008	1099.4	1099.4	1470	1354	1728	0	NA	1728
8/17/2008	1099.4	1099.4	1540	1489	1540	0	NA	1540
8/18/2008	1099.5	1099.5	1510	1622	0	0	NA	0
8/19/2008	1099.5	1099.6	1400	1812	1368	0	NA	1368
8/20/2008	1099.6	1099.6	1610	1751	1547	0	NA	1547
8/21/2008	1099.6	1099.6	1800	1557	1573	0	NA	1573
8/22/2008	1099.6	1099.6	1330	1500	1573	0	NA	1573
8/23/2008	1099.5	1099.5	1040	1452	1553	0	NA	1553
8/24/2008	1099.5	1099.5	961	1157	1563	0	NA	1563
8/25/2008	1099.5	1099.5	1140	1056	1556	0	NA	1556
8/26/2008	1099.5	1099.5	964	1121	1555	0	NA	1555
8/27/2008	1099.4	1099.5	1140	1078	1551	0	NA	1551
8/28/2008	1099.4	1099.4	1190	1146	1484	0	NA	1484
8/29/2008	1099.4	1099.4	1310	1108	1572	0	NA	1572
8/30/2008	1099.4	1099.4	1230	951	1568	0	NA	1568
8/31/2008	1099.4	1099.4	950	979	1574	0	NA	1574

APPENDIX B: CONSULTATION RECORD

Chelan PUD provided a draft of the 2008 Annual Flow Report to the USGS and members of the CRFF and LCRF in accordance with the requirements of the FERC Order Modifying and Approving Operations Compliance and Monitoring Plan, Article 405, under Ordering Paragraph (C):

> "The licensee shall allow the resource agencies, Tribes and non-governmental organizations specified under Article 405, 30 days to provide comments and/or recommendations on their report before filing with the Commission. The filing shall include comments and/or recommendations from the consulted entities and the licensee's response to any comments. If the licensee does not adopt a recommendation, the report shall include the licensee's reasons, based on project-specific information."

The following individuals were sent draft copies for review:

NAME	***AGENCY***	***Comments***
Archibald, Phil	United States Department of Agriculture – Forest Service	Yes
Armbruster, Lanny	Manson Parks and Recreation Department	None
Caldwell, Brad	Washington State Department of Ecology	None
Denniston, Gary	Lake Chelan Sportsman Association	No Response
Domingue, Rich	National Marine Fisheries Services	Yes
Drzymkowski, Robert	United States Geological Survey	No Response
Eychner, Jim	Recreation and Conservation Office	None
Fraser, Bill	Washington State Parks and Recreation Commission	No Response
Goedde, Robert	City of Chelan	No Response
Harris, Jim	Washington State Parks and Recreation Commission	No Response
Heiner, Bruce	Washington State Department of Fish and Wildlife	No Response
Irle, Pat	Washington State Department of Ecology	None
Kastenholz, Joe	United States Department of Agriculture – Forest Service	None
Lewis, Steve	United States Fish and Wildlife Service	No Response
Marco, Jerry	Confederated Tribes of the Colville Reservation	No Response
Martinez, Alex	United States Department of Agriculture – Forest Service	None
Merkle, Carl	Confederated Tribes of the Umatilla Indian Reservation	No Response
Merz, Jonathan	Washington State Department of Ecology	No Response
O'Keefe, Thomas	American Whitewater	No Response
Rose, Bob	Yakama Indian Nation	No Response
Uhlhorn, Richard	Lake Chelan Recreation Association	No Response
Urness, Jim	Lake Chelan Recreation Association	No Response
Viola, Art	Washington Department of Fish and Wildlife	No Response
Zyskowski, Stan	National Park Service	No Response

Chelan PUD received the following comments from Phil Archibald, US Forest Service and Rich Domingue, National Marine Fisheries Service. The comment email is shown below and Chelan PUD's responses are noted in underlined text.

From: Philip R Archibald [mailto:parchibald@fs.fed.us]
Sent: Friday, February 06, 2009 11:32 AM
To: Hays, Steve
Subject: Re: annual lake level report

Hey Steve: good report, interesting reading, nice job. 2 comments (use em or lose em). Section 3.2, 2nd sentence ".....to enable management of spill....." I reread this a few times before I understood that it was saying what you wanted to say but the wording seems somewhat indirect/convoluted to make the point.

The sentence was revised to improve clarity.

Other comment - a 'spill-o-graph' would be a great way to represent the tabular data in the Appendix. Not terribly important in this report (no perennial Chelan River flow) but perhaps you're thinking ahead to editions of this report when the River and habitat channel are up and running.

Graphs of spill and Chelan River flow are reported in the Annual Flow Report. Chelan PUD will work with the respondent to determine how best to represent this information in next year's report.

Thanks for the opportunity to review.

From: Richard Domingue [mailto:Richard.Domingue@noaa.gov]
Sent: Tuesday, February 24, 2009 4:41 PM
To: Hays, Steve
Subject: Re: Lake Chelan No. 637: Draft Annual Lake Level Report for 30-Day Comment Period Pursuant to License Article 405

NMFS cannot comment in a timely manner on this report. We recommend that the final report incorporate the comment letters of all commenting parties.

The comment letters have been added to the report in Appendix B.

We expect to be able to comment on future annual compliance reports in a timely manner. Thank you.