



Energizing Life in Our Communities

June 11, 2026

VIA ELECTRONIC FILING

The Honorable Debbie-Anne Reese, Secretary
Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

Re: Jackson Hydroelectric Project, FERC No. 2157
License Article 410: Fish and Habitat Monitoring Plan – 2025 Annual Report

Dear Secretary Reese:

Enclosed is Public Utility District No. 1 of Snohomish County's *Fish and Habitat Monitoring Plan (FHMP) 2025 Annual Report* pursuant to License Article 410 for the Jackson Hydroelectric Project. The draft report was provided to the Aquatic Resource Committee on April 15, 2026, for a 30-day review and comment period. Consultation documentation is included in the report's Appendix G.

If you have any questions on the FHMP Annual Report for 2025, please do not hesitate to contact me.

Sincerely,

/s/ Andrew McDonnell

Andrew McDonnell
Manager, Natural Resources
(425) 783-1841
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Enclosed: Fish and Habitat Monitoring Plan 2025 Annual Report

cc: Aquatic Resource Committee

Henry M. Jackson Hydroelectric Project (FERC No. 2157)



Fisheries and Habitat Monitoring Plan **2025 Annual Report** *(License Article 410)*



Everett, WA

June 2026

FINAL – This document has been prepared by Snohomish PUD based on information known at the time of its preparation and with that understanding is considered complete. The document may be cited as:

Public Utility District No. 1 of Snohomish County (Snohomish PUD). 2025. License Article 410: Fisheries and Habitat Monitoring Plan: 2025 Annual Report (LA 410) for the Jackson Hydroelectric Project, FERC No. 2157. June 2026.

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ACRONYMS AND ABBREVIATIONS

7-DAD Max	seven-day average of the daily maximum water temperature
ARC	Aquatic Resource Committee
cfs	cubic feet per second
FERC	Federal Energy Regulatory Commission
FHM Plan	Fisheries and Habitat Monitoring Plan
Project	Henry M. Jackson Hydroelectric Project, FERC No. 2157
RM	River Mile
SC	Side channel
Snohomish PUD	Public Utility District No. 1 of Snohomish County
USGS	United States Geological Survey
WDFW	Washington Department of Fish and Wildlife
WY	Water Year

1.0 INTRODUCTION

Public Utility District No. 1 of Snohomish County (Snohomish PUD) received a license on September 2, 2011 (License), from the Federal Energy Regulatory Commission (FERC) for the Henry M. Jackson Hydroelectric Project (Project) (FERC 2011). License Article 410 approved the Fisheries and Habitat Monitoring Plan (FHM Plan) filed with the FERC on September 2, 2010, with modification. Per Section 4.1 of the FHM Plan, Snohomish PUD is to prepare a report by June 30 of each year detailing the monitoring efforts of the previous calendar year.

This FHM Plan Annual Report covers activities conducted in calendar year 2025. Appendices A, B, and C contain water temperature data. Appendix A contains mean daily temperature in graphical format and Appendix B contains the same data in tabular format. Appendix C contains seven-day average of the daily maximum water temperature (7-DAD Max) in tabular format. Appendix D provides data from the 2025 steelhead trout spawning ground surveys. Appendix E provides data from the 2025 Chinook salmon spawning ground surveys. Appendix F is the engineered log jam technical memo describing log jam inspections in 2025. The draft of this annual report is provided to the Aquatic Resource Committee (ARC) [consisting of the City of Everett, City of Sultan, Snohomish County, Washington Department of Ecology, Washington Department of Fish and Wildlife (WDFW), Tulalip Tribes, U.S. Forest Service, National Marine Fisheries Service, U.S. Fish and Wildlife Service and American Whitewater] for review. Consultation documentation will be included in Appendix G.

2.0 MONITORING OF FISH HABITAT IN THE SULTAN RIVER

2.1 *Riverine Habitat Monitoring*

As articulated in the FHM Plan and as prescribed in the Process Flow Plan, Marsh Creek Slide Modification Plan, Side Channel Enhancement/Large Woody Debris Plan, and the Side Channel Ramping Rate Evaluation Report, Snohomish PUD is required to conduct a habitat survey after a high flow event or other major event causing changes in habitat conditions.

In response to the flow events of November 18, 2015, and February 1, 2020, Snohomish PUD contracted with Stillwater Sciences to have habitat monitoring surveys completed in 2016 and 2020. These surveys included detailed quantitative monitoring of physical habitat to document high flow induced changes in the lower, alluvial portion of the Sultan River as well as habitat changes attributable to the large-scale side channel enhancement project and placement of engineered log jams. These surveys supplemented prior work conducted by Stillwater Sciences in 2014 and before License issuance in 2007 and 2010. The most recent evaluation was provided in the FHM Plan Annual Report for 2020.

On December 11, 2025, a significant spill event triggered the requirement for additional riverine habitat monitoring. This spill event resulted from record rainfall in the Sultan Basin and produced the highest peak flow in the Sultan River since 2020. The USGS stream gage downstream of the Jackson Powerhouse recorded the peak magnitude at 10,700 cubic feet per

second (cfs) on December 11, 2025. Snohomish PUD will conduct the required habitat surveys in 2026. Results will be reported in the 2026 FHM Plan Annual Report.

2.2 Water Temperature Monitoring

Water temperature was monitored at twelve locations during 2025 (Figure 1). Nine of these locations are required by the License to be continuously monitored throughout the year and three locations are required by the Water Temperature Conditioning Plan to be seasonally monitored (April through October). Snohomish PUD voluntarily collects data year-round for the three seasonal locations.

Monitoring locations, in order from upstream to downstream, include:

- South Fork Sultan River, upstream of Culmback Dam, near river mile (RM) 18.2;
- Sultan River, within the bypass reach immediately downstream of Culmback Dam, at RM 15.8;
- Sultan River, at the base of the Sultan River Canyon Trail, at RM 15.5 (April through October);
- Sultan River, within the bypass reach, near RM 14.3 (April through October);
- Sultan River, within the bypass reach, near RM 11.3 (April through October);
- Sultan River, within the bypass reach immediately upstream of the Diversion Dam, near RM 9.8;
- Sultan River, immediately downstream of the Diversion Dam, near RM 9.6;
- Sultan River, upstream of the Powerhouse, near RM 4.9;
- Sultan River, downstream of the Powerhouse, near RM 4.4;
- Sultan River, near the confluence with the Skykomish River, at RM 0.2;
- Skykomish River, upstream of the confluence with the Sultan River, at RM 14.1; and
- Skykomish River, downstream of the confluence with the Sultan River, at RM 13.2.

Water temperature monitoring at RM 15.5, RM 14.3 and 11.3 in the Sultan River is part of the Water Temperature Conditioning Plan monitoring program; the other sites represent requirements under the original FHM Plan or subsequent revisions.

In general, water temperatures in the Sultan Basin during 2025 were slightly warmer than those recorded in 2024. Water temperature figures, mean daily temperature tabulations, and 7-DAD Max data for 2025 are presented in Appendices A, B, and C, respectively.

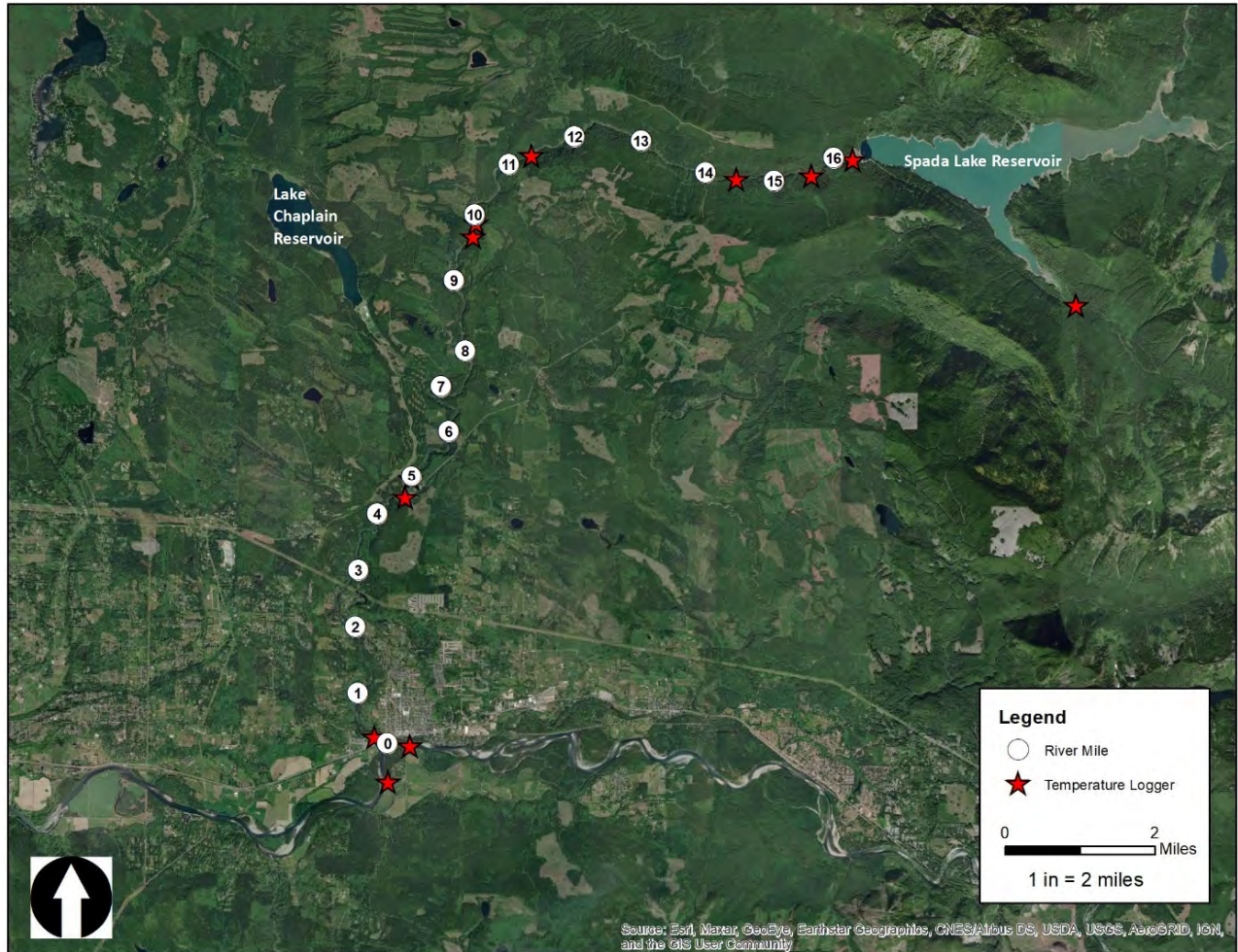


Figure 1. Locations of water temperature monitoring, Sultan watershed.

3.0 MONITORING OF FISH POPULATIONS IN THE SULTAN RIVER

3.1 Spawner Abundance, Distribution, and Timing in the Sultan River

In the Sultan River, steelhead trout and Chinook salmon escapement surveys are conducted during the spring and fall, respectively. When conditions allow, these surveys are conducted within four index areas located downstream of the Diversion Dam (RM 9.7) and one index area located upstream of the Diversion Dam (Figure 2). During the peak of spawning, supplemental surveys are conducted to document redds and account for spawning that occurs between index reaches. During 2025, water visibility and flow conditions were generally favorable during both spring and fall surveys.

Spring surveys began in March and extended into June 2025. Winter-run steelhead in the Sultan River typically have a peak spawn timing that occurs in May. During 2025, the first redds were observed on April 4 in Reach 1. Based on redd counts in established index areas, peak spawning occurred between May 14 and May 30. The last steelhead redd of the season was documented on June 13. The majority of redds were identified in Reach 1 (59%), whereas 36% and 5% of steelhead redds were documented in Reaches 2 and 3, respectively (Table 1). Surveys yielded an escapement estimate of 102 steelhead from 64 observed redds. Appendix D contains the spawning ground survey field data for the 2025 steelhead trout spawning season.

Table 1. Number, spatial distribution, and density of steelhead trout redds by Operational Reach of the Sultan River for the 2025 spawning season.

Steelhead	Reach 1	Reach 2	Reach 3
Redds	38	23	3
Percent of total redds	59	36	5
Redds/mile	8.4	4.4	0.7

Fall surveys began in August and extended into October 2025. Chinook salmon spawning in the Sultan River typically peaks between September 15 and October 15. During even years, Chinook prefer spawning in Reaches 1 and 2. During odd years, when pink salmon are present on the spawning grounds, the majority of Chinook spawning occurs in Reaches 2 and 3. During 2025, Chinook redds were first documented on September 5, in Reach 2. Chinook spawning reached a peak between September 22 and October 7. The last new Chinook redd was observed on October 16. The majority (65%) of Chinook redds were observed in Reach 3, and this reach had a standardized 17 redds per mile compared with 6 redds per mile in Reach 2, and 4 redds per mile in Reach 1 (Table 2). Surveys yielded an escapement estimate of 292 Chinook from 117 observed redds. Appendix E contains the spawning ground survey field data for the 2025 Chinook salmon spawning season.

Table 2. Number, spatial distribution, and density of Chinook salmon redds by Operational Reach of the Sultan River for the 2025 spawning season.

Chinook	Reach 1	Reach 2	Reach 3
Redds	11	30	76
Percent of total redds	9	26	65
Redds/mile	3.8	5.8	16.8

Escapement estimates for both steelhead and Chinook were developed in cooperation with WDFW.

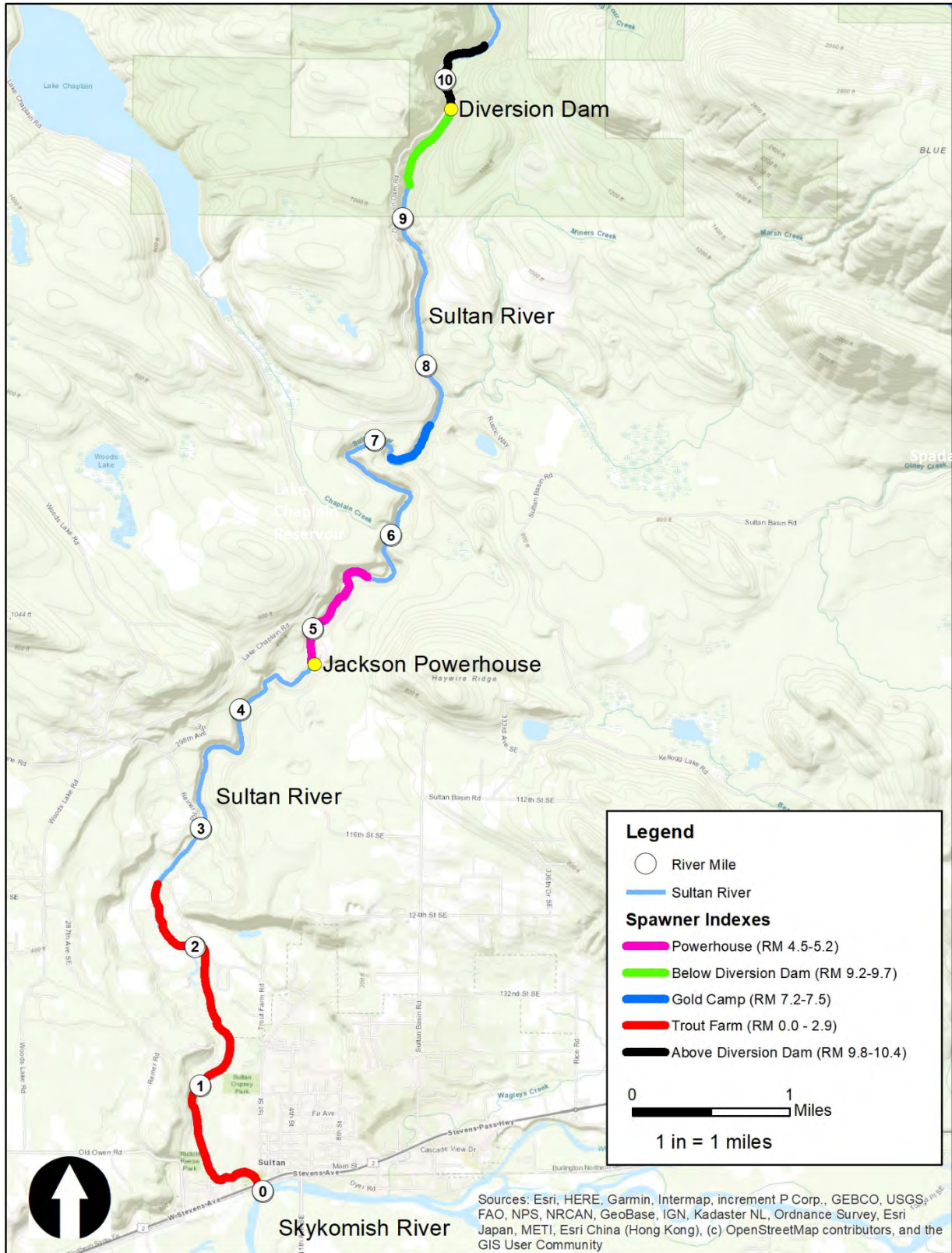


Figure 2. Locations of index areas used for escapement surveys, Sultan River.

3.2 Flow Ceiling Implemented for Chinook Salmon

An operational flow ceiling of a 550 cfs mean daily discharge is implemented annually between September 15 and October 15 in Reach 1 of the Sultan River, located downstream of the Powerhouse (RM 4.5). This ceiling ensures that areas used by spawning Chinook salmon remain wetted through the incubation and emergence periods should flows from the Project approach the minimum instream flow of 300 cfs. On August 26, 2021, FERC approved an amendment to Aquatic License Article 5 (Ramping Salmon Ceiling) exempting artificial process flow releases and related increases in generation during the month of September from the ceiling requirements, provided the duration when flows are greater than 550 cfs (mean daily discharge at the Powerhouse gage) is less than 36 hours, and the overall magnitude is no greater than 850 cfs (mean daily discharge at the Powerhouse gage). During 2025, mean daily discharge downstream of the Powerhouse averaged 365 cfs during the ceiling period (Figure 3). The compliance location for the salmon ceiling and ramping rates in the lower river (Reach 1) is the USGS Stream Gage No. 12138160, Sultan River Below Powerplant near Sultan, WA. The magnitude required for Reach 1 flow compliance for channel flushing is greater than 1,200 cfs for a duration of at least 6 hours, which occurred on September 13, 2025.

Figure 3 below indicates the mean daily flow for the period of operational flow ceiling, with a maximum mean daily flow observed on September 15, 2025.

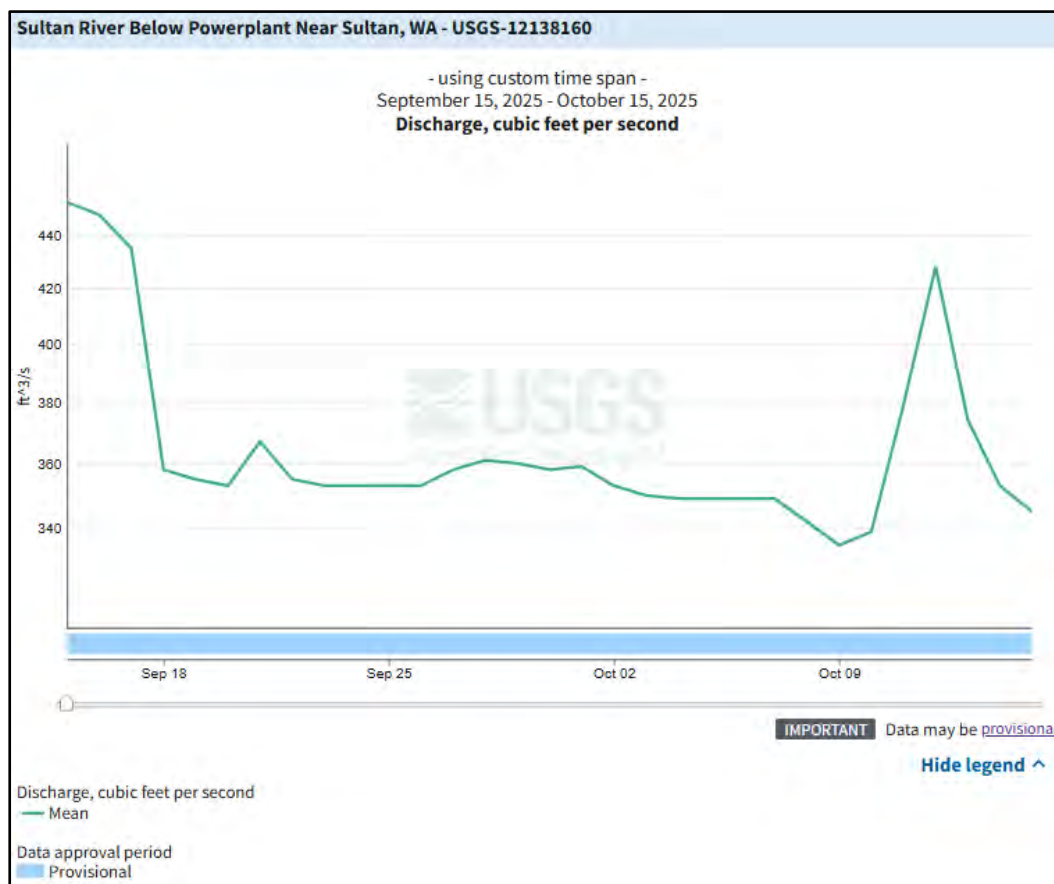


Figure 3. Mean daily discharge in the Sultan River downstream of the Powerhouse between September 15 and October 15, 2025.

3.3 Juvenile Production in the Sultan River

The rotary screw trap (smolt trap) is deployed to assess juvenile salmonid production and evaluate reproductive success relative to habitat restoration and enhancement efforts. The lower Sultan River smolt trap (RM 0.2) is required to operate two years of the six-year period between 2024 and 2029. During this six-year period, the ARC designated 2026 as the first trap year to satisfy this License condition. Snohomish PUD voluntarily operated the trap at a reduced level in 2025 to avoid data gaps.

4.0 SIDE CHANNEL MAINTENANCE AND MONITORING

Snohomish PUD has completed a series of detailed flow and aquatic habitat surveys in the constructed side channels in the lower Sultan River. These side channels (SC) – SC1, SC2, SC3, and SC4 – were each constructed to varying degrees during summer 2012 to restore and/or enhance salmonid habitat. The primary objective of these surveys was to assess flow behavior and distribution within the side channels and to determine whether additional downramping rate restrictions were necessary to prevent juvenile fish stranding.

Following construction completion in 2012, qualitative annual monitoring was initiated to assess the performance of both constructed and modified side channels and the engineered log jams (ELJs). Appendix F contains information regarding the annual inspections of the ELJs 1-8.

5.0 FUTURE MONITORING

The 2025 calendar year marked the fourteenth calendar year under the License. Monitoring conducted in 2025 was consistent with methodologies identified in the FHM Plan. In 2026, monitoring of water quality conditions, spawner abundance, distribution, and timing will take place in accordance with the FHM Plan. As noted in Section 3.3, the ARC has selected 2026 as the first year in the current six-year cycle to monitor juvenile salmonid production. The second monitoring year within the cycle will be designated by the ARC.

6.0 REFERENCES

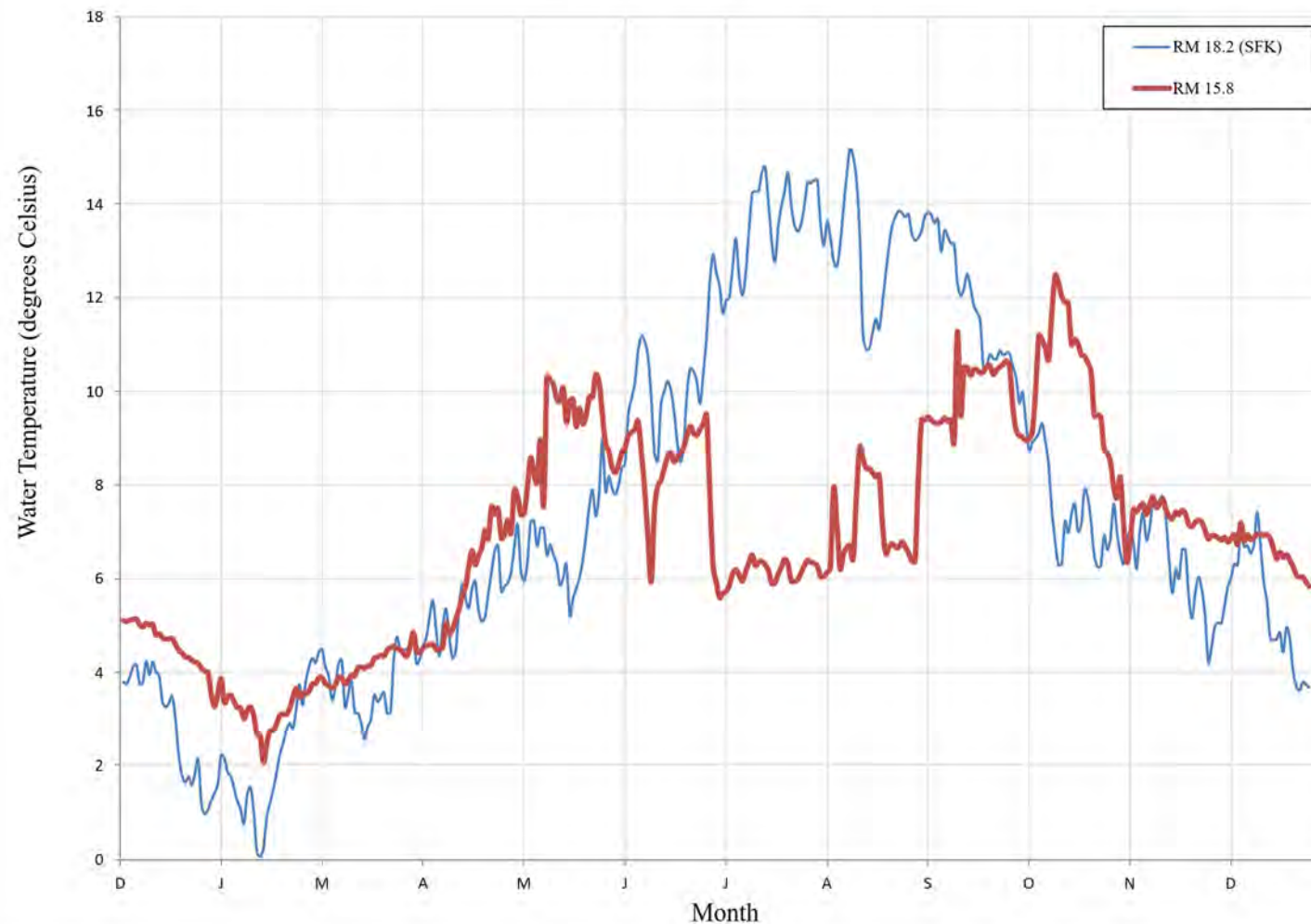
FERC. 2011. Order Issuing New License, Project No. 2157-188. 136 FERC ¶ 62,188. September 2, 2011. Available at: [20110902LICENSE.pdf \(snopud.com\)](#)

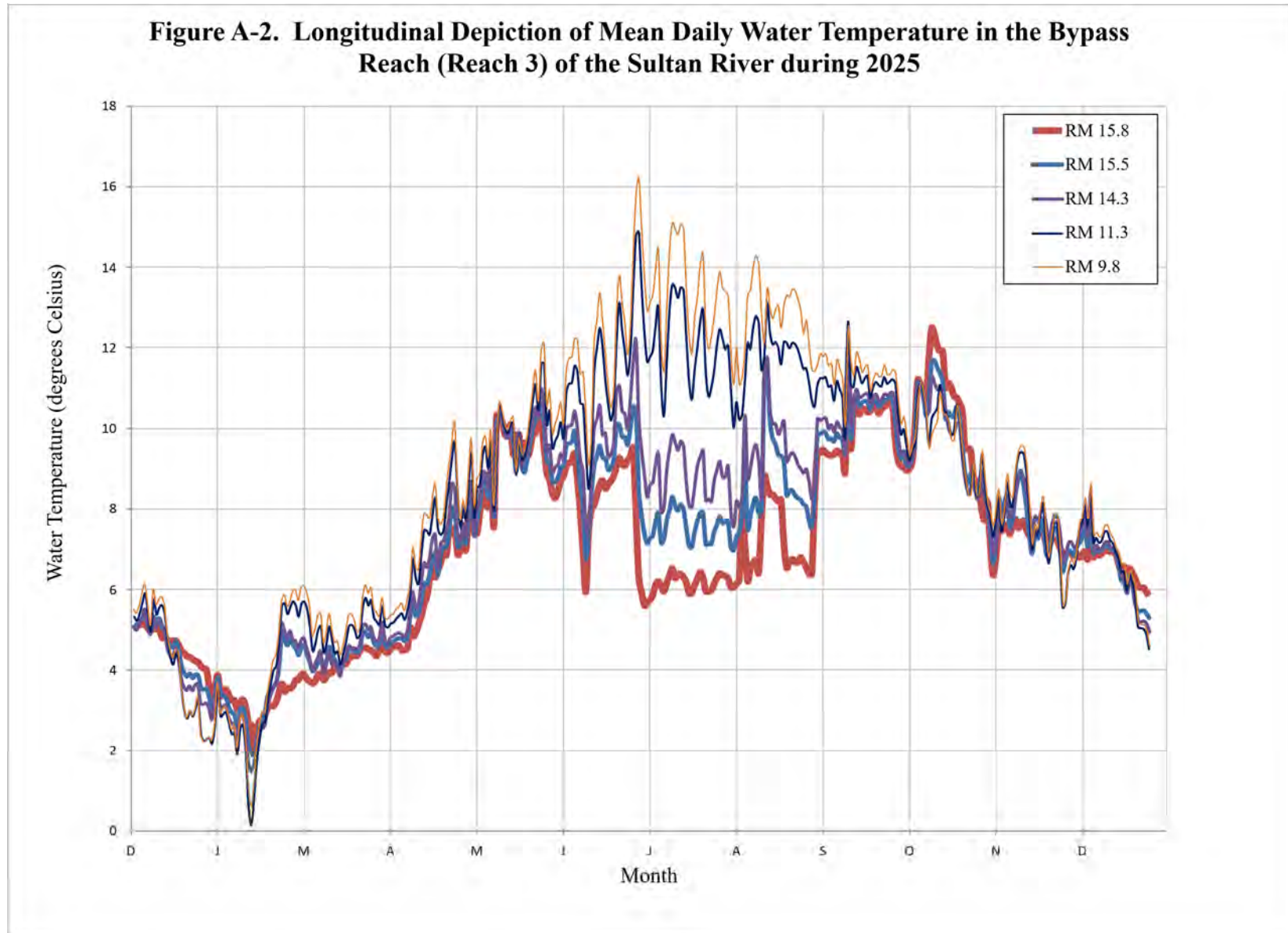
Public Utility District No. 1 of Snohomish County. License Article 410: Fisheries and Habitat Monitoring Plan for the Jackson Hydroelectric Project, FERC No. 2157. September 2, 2011. Available at: [20110902FHMP.pdf \(snopud.com\)](#)

APPENDIX A

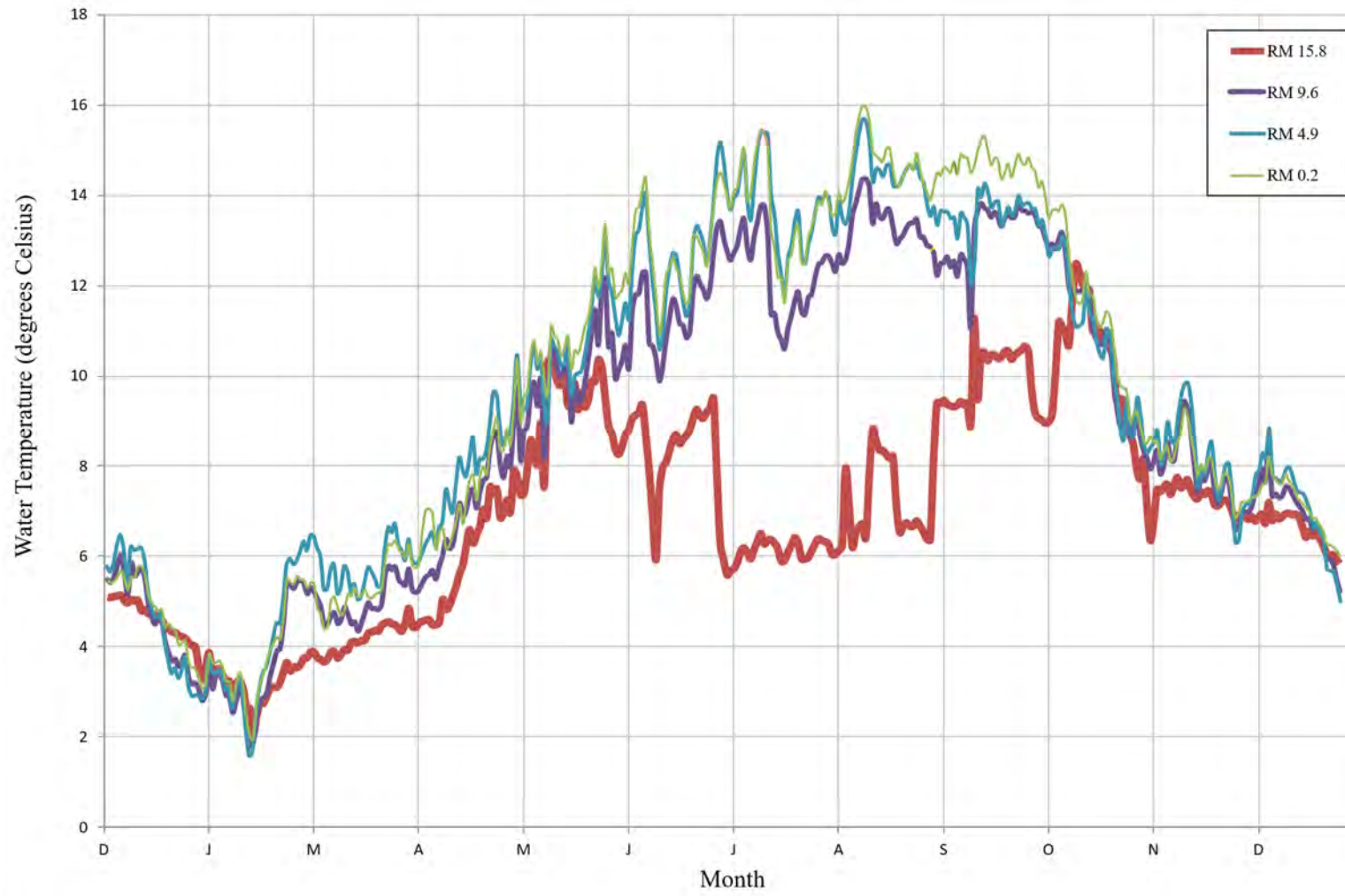
2025 Water Temperature Figures

Figure A-1. Mean Daily Water Temperature in the South Fork Sultan (RM 18.2), and the mainstem Sultan River immediately downstream of Culmback Dam (RM 15.8) during 2025

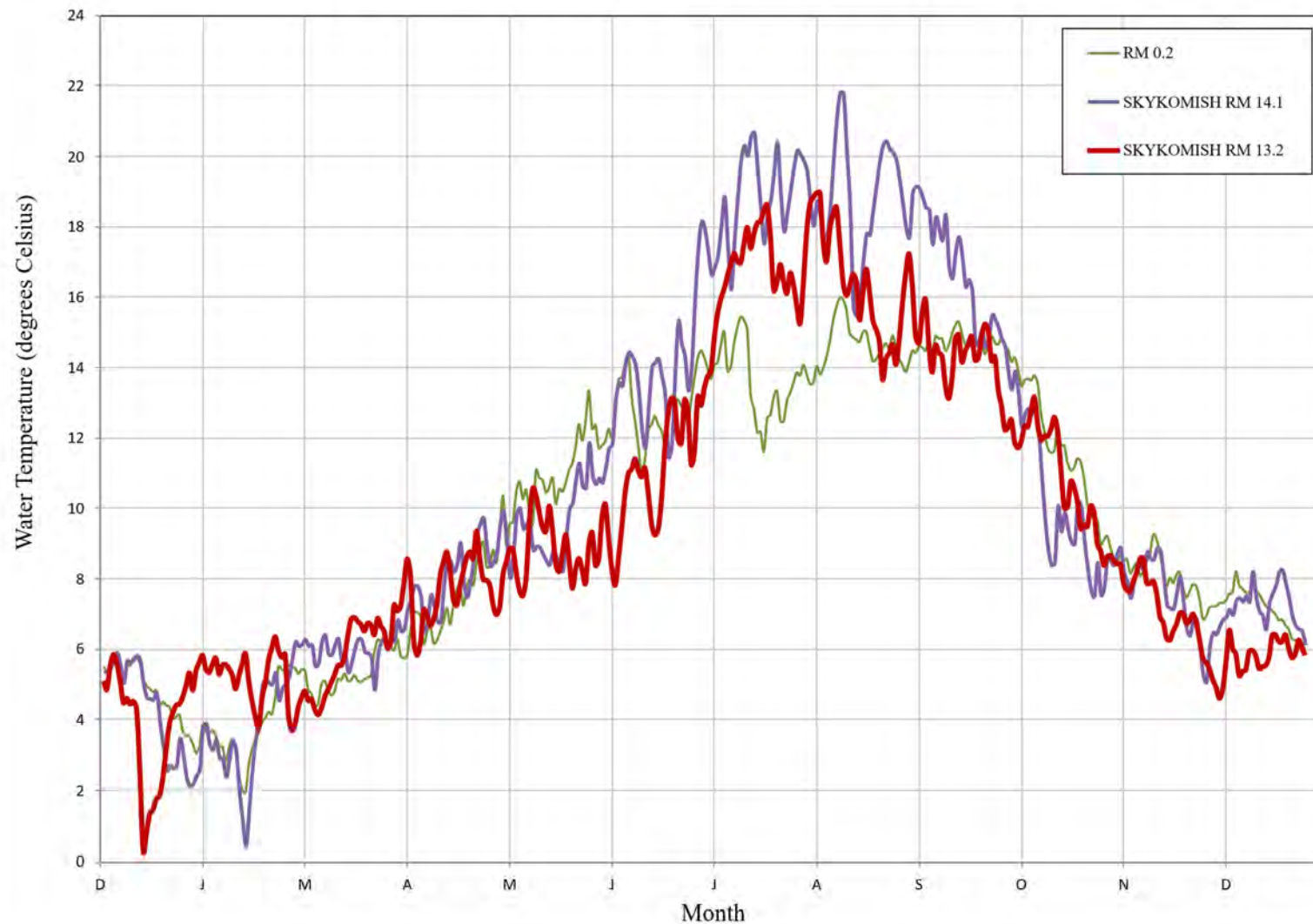




**Figure A-3. Longitudinal Depiction of Mean Daily Water Temperature,
Sultan River downstream of Culmback Dam during 2025**



**Figure A-4. Mean Daily Water Temperature
near confluence of Sultan and Skykomish rivers during 2025**



APPENDIX B

2025 Mean Daily Water Temperature Data in Tabular Format

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
1/1	3.8	5.1	5.1	5.1	5.3	5.5	5.5	5.8	5.5	5.5	5.4	5.1
1/2	3.7	5.1	5.1	5.0	5.2	5.4	5.4	5.7	5.4	5.4	5.3	4.9
1/3	3.9	5.1	5.2	5.1	5.4	5.6	5.6	5.9	5.4	5.5	5.4	5.5
1/4	4.1	5.1	5.3	5.3	5.7	5.9	5.8	6.3	5.5	5.6	5.8	5.9
1/5	4.2	5.1	5.4	5.5	5.9	6.1	6.0	6.5	5.7	5.7	5.9	5.6
1/6	3.7	5.0	5.1	5.1	5.4	5.6	5.6	6.1	5.5	5.5	5.5	5.1
1/7	3.8	5.0	5.0	4.9	4.9	5.1	5.2	5.4	5.2	5.3	5.0	4.5
1/8	4.2	5.1	5.3	5.3	5.7	6.0	5.9	6.2	5.6	5.5	5.7	4.6
1/9	3.9	5.0	5.1	5.1	5.4	5.6	5.6	6.1	5.6	5.5	5.6	4.5
1/10	4.2	5.0	5.3	5.2	5.5	5.7	5.7	6.2	5.7	5.8	5.7	4.5
1/11	4.0	4.8	5.1	5.2	5.6	5.8	5.7	6.2	5.8	5.8	5.8	4.3
1/12	3.9	4.8	5.0	5.0	5.4	5.6	5.6	6.0	5.6	5.6	5.7	2.6
1/13	3.4	4.7	4.7	4.6	4.7	4.9	5.0	5.3	5.2	5.2	5.0	0.3
1/14	3.3	4.7	4.6	4.4	4.3	4.5	4.7	4.9	4.9	5.0	4.6	0.8
1/15	3.3	4.7	4.6	4.3	4.1	4.3	4.5	4.7	4.8	4.9	4.6	1.4
1/16	3.5	4.7	4.7	4.5	4.4	4.5	4.7	4.7	4.8	4.8	4.6	1.5
1/17	3.0	4.6	4.5	4.3	4.2	4.4	4.6	4.8	4.8	4.8	4.8	1.8
1/18	2.2	4.5	4.1	3.8	3.5	3.7	4.1	4.1	4.5	4.4	3.9	1.9
1/19	1.8	4.4	3.9	3.6	3.0	3.1	3.9	3.7	4.6	4.5	3.2	2.4
1/20	1.6	4.3	3.9	3.5	2.8	2.8	3.7	3.4	4.4	4.4	2.6	3.2
1/21	1.7	4.3	3.9	3.6	3.0	3.0	3.7	3.5	4.3	4.4	2.7	3.9
1/22	1.6	4.3	3.8	3.5	2.8	2.9	3.6	3.3	4.0	4.1	2.6	4.2
1/23	1.8	4.2	3.9	3.6	3.0	3.0	3.7	3.5	4.1	4.1	2.7	4.4
1/24	2.1	4.2	3.9	3.7	3.2	3.3	3.8	3.8	4.2	4.1	3.5	4.5
1/25	1.1	4.1	3.6	3.2	2.4	2.4	3.3	3.1	3.8	3.7	3.0	4.7
1/26	1.0	4.0	3.5	3.2	2.2	2.2	3.2	2.9	3.7	3.5	2.4	5.0
1/27	1.1	4.0	3.5	3.2	2.3	2.3	3.2	2.9	3.6	3.5	2.1	5.3
1/28	1.2	3.5	3.3	3.1	2.3	2.3	3.1	2.9	3.4	3.3	2.2	4.8
1/29	1.4	3.3	3.0	2.8	2.2	2.3	2.8	2.8	3.1	3.1	2.4	5.4
1/30	1.6	3.6	3.4	3.2	2.6	2.6	3.0	3.0	3.2	3.2	2.6	5.6
1/31	2.2	3.9	3.8	3.6	3.5	3.7	3.6	3.8	3.7	3.8	3.8	5.8

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
2/1	2.1	3.4	3.4	3.1	2.8	2.9	3.1	3.5	3.5	3.7	3.9	5.4
2/2	1.8	3.5	3.4	3.1	2.9	3.0	3.4	3.4	3.6	3.7	3.3	5.3
2/3	1.8	3.5	3.3	3.1	2.9	3.1	3.4	3.5	3.7	3.7	3.1	5.6
2/4	1.5	3.4	3.1	2.8	2.7	2.8	3.3	3.3	3.5	3.6	3.4	5.8
2/5	1.2	3.3	3.0	2.7	2.4	2.5	2.9	3.0	3.2	3.2	2.9	5.3
2/6	1.0	3.2	2.9	2.6	2.4	2.6	2.9	3.1	3.2	3.2	2.9	5.5
2/7	0.7	3.0	2.6	2.3	1.9	2.1	2.5	2.6	2.9	2.8	2.4	5.6
2/8	1.4	3.2	3.0	2.8	2.5	2.7	2.8	3.1	3.1	3.2	2.9	5.5
2/9	1.5	3.3	3.1	2.9	2.6	2.9	3.1	3.3	3.4	3.4	3.4	5.3
2/10	1.0	3.1	2.8	2.5	2.0	2.3	2.9	3.0	3.2	3.2	3.1	4.9
2/11	0.2	2.7	2.1	1.7	0.6	1.2	2.3	2.1	2.6	2.5	2.0	5.2
2/12	0.1	2.6	2.0	1.5	0.1	0.6	1.8	1.6	2.1	2.0	1.2	5.6
2/13	0.2	2.1	1.9	1.6	0.8	1.1	1.9	1.7	2.1	1.9	0.4	5.9
2/14	0.9	2.5	2.2	2.0	1.7	2.0	2.4	2.6	2.7	2.7	1.5	5.1
2/15	1.2	2.7	2.6	2.5	2.3	2.6	2.8	3.1	3.0	3.2	2.6	4.5
2/16	1.5	2.8	2.7	2.6	2.6	3.0	2.9	3.4	3.2	3.4	3.5	4.1
2/17	1.8	2.9	3.0	2.6	2.7	2.9	3.0	3.6	3.4	3.7	4.0	3.8
2/18	2.2	3.1	3.4	3.1	3.3	3.5	3.3	3.8	3.6	3.9	5.0	4.6
2/19	2.4	3.1	3.4	3.4	3.6	3.9	3.6	4.2	3.9	4.1	5.2	5.1
2/20	2.7	3.1	3.6	3.6	4.0	4.2	3.9	4.5	4.1	4.2	5.0	5.7
2/21	2.9	3.2	3.7	3.6	4.1	4.4	4.0	4.5	4.1	4.2	5.0	6.1
2/22	2.8	3.5	4.1	4.2	4.7	4.9	4.6	5.1	4.6	4.7	5.3	6.4
2/23	3.2	3.7	5.0	5.2	5.6	5.7	5.5	5.8	5.7	5.5	4.5	6.0
2/24	3.7	3.5	4.7	5.0	5.7	5.9	5.4	6.0	5.5	5.4	4.9	5.8
2/25	3.3	3.6	4.6	4.8	5.4	5.6	5.3	5.8	5.5	5.4	5.0	5.9
2/26	3.8	3.5	4.8	5.0	5.6	5.7	5.5	5.9	5.6	5.6	5.2	4.1
2/27	4.1	3.6	4.6	4.8	5.7	6.0	5.5	6.1	5.4	5.5	5.7	3.7
2/28	4.3	3.8	4.5	4.7	5.6	6.0	5.4	6.3	5.4	5.5	6.2	3.9

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
3/1	4.2	3.8	4.4	4.6	5.3	5.7	5.2	6.1	5.2	5.3	6.1	4.4
3/2	4.4	3.9	4.6	4.7	5.6	6.0	5.3	6.5	5.3	5.4	6.1	4.6
3/3	4.5	3.9	4.6	4.8	5.7	6.1	5.2	6.5	5.3	5.4	6.3	4.8
3/4	4.1	3.8	4.4	4.6	5.5	5.9	5.1	6.2	4.5	4.9	6.1	4.5
3/5	3.9	3.7	4.2	4.3	5.1	5.6	4.9	6.0	4.3	4.7	6.1	4.6
3/6	3.4	3.7	4.0	4.0	4.5	4.9	4.5	5.3	4.1	4.4	5.5	4.3
3/7	3.7	3.7	4.1	4.2	4.6	5.0	4.5	5.3	4.1	4.5	5.6	4.1
3/8	4.2	3.9	4.2	4.3	5.0	5.4	4.7	5.7	4.5	5.0	6.2	4.3
3/9	4.3	3.9	4.3	4.5	5.1	5.4	4.8	5.8	4.6	5.1	6.4	4.7
3/10	3.3	3.8	4.0	3.9	4.4	4.7	4.5	5.2	4.5	4.9	5.9	4.9
3/11	3.5	3.8	4.2	4.2	4.6	4.9	4.6	5.3	4.3	4.7	5.8	5.1
3/12	3.8	3.9	4.6	4.5	5.1	5.4	4.9	5.8	4.4	4.8	6.1	5.3
3/13	3.1	3.9	4.4	4.1	4.7	5.0	4.7	5.7	4.9	5.2	6.3	5.5
3/14	3.1	4.1	4.2	4.2	4.4	4.7	4.5	5.2	4.9	5.1	5.7	5.5
3/15	2.9	4.1	4.1	4.1	4.4	4.7	4.6	5.4	5.0	5.3	5.9	5.8
3/16	2.5	4.1	4.0	3.9	4.1	4.4	4.4	5.1	4.9	5.1	5.3	6.4
3/17	2.8	4.1	4.2	4.2	4.4	4.6	4.5	5.1	4.9	5.1	5.6	6.9
3/18	3.0	4.2	4.3	4.3	4.7	4.9	4.8	5.4	4.9	5.3	6.0	6.9
3/19	3.5	4.3	4.6	4.6	5.1	5.4	5.0	5.8	4.7	5.1	6.3	6.8
3/20	3.4	4.3	4.5	4.6	5.1	5.4	4.9	5.7	4.8	5.1	6.3	6.7
3/21	3.5	4.4	4.5	4.6	5.0	5.2	4.9	5.5	4.9	5.2	5.9	6.5
3/22	3.6	4.4	4.4	4.5	4.8	4.9	4.8	5.3	5.0	5.2	5.9	6.7
3/23	3.1	4.5	4.5	4.6	4.9	5.0	5.0	5.4	5.2	5.3	5.8	6.7
3/24	3.1	4.5	5.0	5.1	5.5	5.8	5.6	6.2	6.0	5.9	4.8	6.4
3/25	4.3	4.6	4.9	5.2	5.8	6.1	5.8	6.6	6.3	6.3	5.8	6.9
3/26	4.8	4.5	4.8	5.0	5.6	5.9	5.7	6.5	6.1	6.3	6.2	6.7
3/27	4.5	4.5	4.9	5.1	5.7	6.0	5.8	6.7	6.3	6.4	6.2	6.5
3/28	4.5	4.4	4.7	4.8	5.3	5.5	5.5	6.3	6.0	6.2	6.0	6.0
3/29	4.5	4.4	4.6	4.7	5.2	5.4	5.4	6.1	5.9	6.1	6.3	6.2
3/30	4.6	4.6	4.7	4.8	5.1	5.3	5.4	5.9	5.7	6.0	6.2	7.3
3/31	4.7	4.9	5.1	5.2	5.6	5.8	5.7	6.4	6.0	6.3	6.8	7.1

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
4/1	4.2	4.5	4.6	4.7	5.1	5.3	5.3	5.9	5.6	5.8	6.5	7.2
4/2	4.3	4.4	4.6	4.7	5.0	5.3	5.2	5.8	5.6	5.8	6.6	7.9
4/3	4.6	4.5	4.7	4.8	5.1	5.4	5.3	5.9	5.6	5.8	7.1	8.6
4/4	4.7	4.6	4.7	4.8	5.2	5.4	5.4	6.1	6.1	6.6	7.4	8.1
4/5	5.2	4.6	4.8	4.9	5.3	5.5	5.6	6.3	6.4	7.0	7.8	6.2
4/6	5.5	4.6	4.8	4.9	5.3	5.6	5.6	6.4	6.5	7.1	7.8	5.8
4/7	4.9	4.5	4.8	4.9	5.4	5.6	5.7	6.5	6.5	7.0	7.5	6.2
4/8	4.3	4.5	4.7	4.8	5.2	5.5	5.5	6.2	6.1	6.2	6.5	7.1
4/9	5.0	4.5	4.8	5.0	5.5	5.8	5.8	6.7	6.4	6.5	6.7	7.0
4/10	5.4	5.1	5.3	5.4	5.9	6.1	6.0	6.8	6.5	6.6	7.5	6.7
4/11	4.8	4.8	5.6	5.9	6.8	7.0	6.4	7.5	6.1	6.2	7.2	6.9
4/12	4.3	4.9	5.3	5.6	6.3	6.6	6.2	7.2	6.2	6.3	6.8	7.3
4/13	4.4	5.1	5.4	5.6	6.1	6.5	6.3	7.0	6.4	6.5	6.8	8.1
4/14	5.4	5.3	5.7	6.1	6.8	7.3	6.7	7.6	6.6	6.8	7.8	8.5
4/15	5.9	5.6	6.2	6.7	7.5	7.9	7.2	8.2	6.9	7.2	8.5	8.8
4/16	5.6	5.8	6.1	6.6	7.4	7.8	6.9	7.9	6.5	6.7	8.5	8.2
4/17	5.4	6.3	6.4	6.8	7.4	7.8	7.1	7.8	7.0	7.3	8.2	7.4
4/18	5.8	6.6	6.8	7.2	7.8	8.2	7.4	8.2	7.3	7.7	8.4	7.3
4/19	5.9	6.3	6.9	7.4	8.3	8.6	7.5	8.6	7.2	7.8	9.0	7.8
4/20	5.3	6.5	6.4	6.5	7.5	7.8	7.1	7.8	7.0	7.2	7.9	8.2
4/21	5.1	6.7	6.9	7.2	7.3	7.6	7.4	8.2	7.5	7.8	7.5	8.6
4/22	5.2	7.0	7.0	7.2	7.5	7.8	7.7	8.2	7.8	8.0	7.9	8.8
4/23	5.7	6.9	7.0	7.5	8.1	8.5	7.8	8.4	7.6	7.8	8.6	8.6
4/24	6.1	7.5	7.5	7.8	8.7	9.1	8.4	8.9	8.3	8.4	9.3	9.4
4/25	6.6	7.4	8.0	8.6	9.3	9.6	8.7	9.6	8.6	8.8	9.6	8.6
4/26	6.7	7.5	7.9	8.5	9.6	10.1	8.8	9.6	8.9	9.1	9.7	8.0
4/27	5.7	6.9	7.1	7.4	8.4	8.6	8.1	8.8	8.4	8.4	8.9	8.0
4/28	5.8	7.0	7.1	7.2	7.5	7.7	7.8	8.4	8.1	8.4	8.4	7.8
4/29	5.9	7.3	7.5	7.6	8.0	8.2	8.2	8.8	8.5	8.8	8.5	7.3
4/30	6.1	7.0	7.1	7.3	7.7	8.0	8.0	8.7	8.1	8.5	8.7	7.0

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
5/1	6.7	7.9	8.0	8.2	8.6	8.9	9.0	9.5	8.9	9.3	9.5	7.2
5/2	7.2	7.8	8.3	8.7	9.4	9.7	9.8	10.5	9.9	10.4	9.9	8.1
5/3	6.2	7.4	7.3	7.4	7.8	8.1	8.1	9.5	8.8	9.0	9.1	8.5
5/4	5.9	7.4	7.8	8.0	8.5	8.7	8.8	9.2	9.1	9.6	8.0	8.9
5/5	6.3	7.9	8.1	8.2	8.6	8.9	8.9	9.3	9.2	9.6	8.7	8.9
5/6	7.2	8.6	8.8	8.9	9.3	9.6	9.6	10.2	10.1	10.5	9.8	8.2
5/7	7.2	8.3	8.7	8.9	9.5	9.8	9.9	10.7	10.3	10.8	10.0	7.7
5/8	6.7	8.1	8.3	8.5	9.0	9.3	9.3	10.2	9.8	10.3	9.4	7.5
5/9	7.1	9.0	9.0	9.2	9.6	9.9	9.9	10.4	10.1	10.5	9.6	8.0
5/10	7.1	7.6	7.8	7.8	7.9	8.1	8.2	9.3	9.4	9.9	9.6	9.6
5/11	6.5	10.3	10.1	9.9	9.6	9.6	9.5	9.0	9.4	9.6	8.8	10.6
5/12	6.7	10.2	10.3	10.4	10.6	10.6	10.7	10.8	10.8	11.1	8.9	10.4
5/13	6.5	10.2	10.2	10.3	10.3	10.4	10.5	10.6	10.6	10.9	8.9	9.9
5/14	6.3	9.8	9.9	9.9	10.0	10.1	10.1	10.6	10.5	10.8	8.7	9.5
5/15	5.9	9.8	9.8	9.8	9.9	10.0	10.0	10.2	10.2	10.5	8.5	9.3
5/16	6.0	10.1	10.0	10.1	10.1	10.2	10.2	10.3	10.3	10.6	8.4	10.1
5/17	6.3	9.3	9.7	9.9	10.1	10.3	10.3	10.7	10.6	10.9	8.8	9.4
5/18	5.2	9.8	8.9	9.1	8.8	8.9	9.0	9.6	9.6	10.1	8.6	8.4
5/19	5.6	9.8	9.8	9.9	9.8	9.7	9.8	10.0	10.1	10.6	8.4	8.2
5/20	5.8	9.3	9.0	9.1	9.2	9.4	9.4	10.1	10.0	10.5	8.2	8.7
5/21	6.0	9.6	8.9	9.3	9.3	9.4	9.5	10.1	10.1	10.7	9.2	9.3
5/22	6.4	9.3	9.2	9.3	9.6	9.8	9.9	10.5	10.3	11.1	10.0	8.6
5/23	6.9	9.5	9.6	9.8	10.1	10.3	10.4	10.9	10.7	11.3	10.2	7.7
5/24	7.5	9.9	10.0	10.2	10.7	11.0	11.0	11.5	11.1	11.8	10.8	8.3
5/25	7.9	9.9	10.2	10.5	11.1	11.4	11.5	12.2	11.7	12.4	11.3	8.6
5/26	7.3	10.4	10.3	10.3	10.4	10.7	10.7	11.8	11.4	11.9	10.6	8.2
5/27	7.8	10.2	10.6	11.0	11.6	11.9	11.9	12.2	11.9	12.5	10.6	7.9
5/28	9.0	9.5	10.1	10.7	11.6	12.1	12.2	13.2	12.5	13.4	11.9	9.0
5/29	7.9	8.9	9.2	9.4	10.1	10.6	10.7	12.1	11.6	12.3	10.9	9.3
5/30	8.2	8.7	9.2	9.6	10.4	10.9	11.0	11.8	11.6	12.4	10.7	8.4
5/31	7.9	8.4	8.7	8.9	9.5	9.9	9.9	11.3	11.1	11.7	10.9	8.6

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
6/1	7.8	8.3	8.7	9.0	9.7	10.1	10.1	10.9	11.0	11.8	10.7	9.8
6/2	8.0	8.4	8.8	9.1	9.8	10.3	10.3	11.2	11.1	11.9	11.2	10.1
6/3	8.4	8.7	9.0	9.4	10.1	10.6	10.7	11.6	11.4	12.3	11.7	9.2
6/4	8.5	8.8	9.1	9.2	9.7	10.1	10.2	11.2	11.2	12.0	11.8	8.3
6/5	9.5	9.1	9.6	10.0	10.9	11.4	11.4	12.3	12.0	12.9	13.1	7.8
6/6	9.9	9.1	9.6	10.1	11.1	11.7	11.8	13.1	12.5	13.7	13.6	8.6
6/7	10.2	9.2	9.7	10.1	11.1	11.8	11.8	13.2	12.6	13.7	13.5	9.5
6/8	10.9	9.4	9.9	10.4	11.5	12.2	12.3	13.7	12.9	14.1	14.1	10.4
6/9	11.2	8.7	9.4	10.0	11.4	12.2	12.3	14.0	13.0	14.4	14.4	11.0
6/10	11.1	7.9	8.6	9.2	10.6	11.3	10.7	13.0	11.9	13.2	14.3	11.1
6/11	10.8	6.9	8.1	8.9	10.6	11.4	10.7	12.1	11.4	12.5	14.1	11.4
6/12	9.9	5.9	6.8	7.5	9.4	10.4	10.4	11.4	11.0	11.8	13.3	11.1
6/13	8.7	7.5	7.4	7.4	8.5	9.1	9.9	10.6	10.5	10.9	12.2	10.9
6/14	8.5	8.0	8.4	8.7	9.3	9.8	10.2	10.9	10.7	11.4	11.7	11.2
6/15	9.7	8.1	9.1	10.0	11.4	12.1	10.8	11.8	11.3	12.2	12.9	10.4
6/16	10.0	8.4	9.3	10.2	12.0	12.7	11.3	12.4	11.5	12.4	14.0	9.6
6/17	10.2	8.6	9.6	10.6	12.5	13.4	11.7	12.7	11.6	12.6	14.1	9.2
6/18	10.0	8.7	9.3	9.8	12.0	12.7	11.5	12.7	11.8	12.4	14.2	9.4
6/19	9.6	8.5	9.3	9.9	11.2	11.9	11.2	12.2	11.5	12.2	13.7	10.2
6/20	8.9	8.6	9.0	9.3	10.6	11.1	11.1	11.7	11.5	11.8	13.2	11.7
6/21	8.5	8.7	9.0	9.4	10.2	10.5	10.8	11.3	11.2	11.6	11.5	12.7
6/22	8.9	8.8	9.2	9.7	10.6	10.9	11.0	11.7	11.4	11.8	11.8	13.1
6/23	10.0	9.1	10.1	10.9	12.1	12.8	11.9	12.9	12.2	13.1	13.8	13.0
6/24	10.5	9.3	10.1	11.1	13.1	13.8	12.2	13.3	12.4	13.1	15.3	12.0
6/25	10.4	9.1	9.8	10.4	12.4	13.1	12.0	13.2	12.3	12.9	14.7	11.8
6/26	10.2	9.1	9.8	10.4	11.9	12.6	11.9	12.9	12.2	12.8	14.3	13.1
6/27	9.7	9.2	9.6	10.0	11.3	11.8	11.7	12.5	12.0	12.4	13.3	12.8
6/28	10.4	9.3	10.0	10.8	11.9	12.5	12.0	13.1	12.3	13.1	14.0	11.3
6/29	11.2	9.5	10.5	11.7	13.5	14.3	12.7	13.8	12.8	13.7	15.9	11.6
6/30	12.3	7.8	10.4	12.2	14.8	15.8	13.3	14.8	13.4	14.3	17.3	13.2

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
7/1	12.9	6.3	8.4	10.2	14.9	16.2	13.4	15.2	13.6	14.5	18.1	12.9
7/2	12.5	5.9	7.8	9.5	13.5	14.9	13.1	14.7	13.5	14.3	17.9	13.4
7/3	12.3	5.6	7.4	8.8	12.4	13.8	12.8	14.1	13.2	14.0	17.3	13.8
7/4	11.7	5.7	7.1	8.3	11.6	12.9	12.6	13.7	13.1	13.7	16.6	13.9
7/5	11.9	5.7	7.3	8.6	11.8	13.1	12.7	13.9	13.2	14.1	16.9	14.8
7/6	12.0	5.9	7.3	8.7	11.9	13.3	12.9	14.0	13.4	14.2	17.2	15.5
7/7	12.6	6.1	7.7	9.1	12.5	13.9	13.3	14.5	13.8	14.7	18.0	16.0
7/8	13.3	6.2	7.9	9.4	13.0	14.4	13.5	15.0	14.1	15.0	18.9	16.2
7/9	12.4	6.1	7.2	7.9	11.1	12.1	12.9	13.9	13.6	13.9	17.4	16.6
7/10	12.1	6.0	7.2	8.0	10.3	11.4	12.6	13.4	13.3	14.0	16.2	16.9
7/11	12.5	6.2	7.7	9.0	11.6	13.0	13.1	14.3	13.7	14.7	17.6	17.2
7/12	13.4	6.3	8.0	9.5	12.9	14.4	13.4	15.0	14.1	15.2	18.9	17.0
7/13	14.2	6.5	8.3	9.8	13.6	15.1	13.8	15.4	14.4	15.4	19.9	17.0
7/14	14.3	6.3	8.1	9.7	13.5	14.9	13.8	15.4	14.3	15.4	20.3	17.5
7/15	14.3	6.4	8.0	9.5	13.2	14.8	13.2	15.3	13.6	15.1	20.0	18.0
7/16	14.7	6.4	8.1	9.7	13.5	15.1	11.4	14.0	11.7	13.2	20.6	17.4
7/17	14.8	6.3	8.0	9.6	13.4	15.0	11.4	13.6	11.6	12.8	20.7	17.8
7/18	14.0	6.2	7.5	8.7	12.3	13.5	11.0	12.7	11.2	12.2	19.6	18.1
7/19	13.2	5.9	7.1	8.1	11.2	12.3	10.8	12.2	11.1	12.2	18.5	18.2
7/20	12.8	5.9	7.0	8.1	10.7	11.8	10.6	11.8	10.9	11.6	17.5	18.4
7/21	13.5	6.1	7.4	8.6	11.4	12.8	11.0	12.6	11.4	12.6	18.4	18.6
7/22	14.0	6.3	7.7	9.1	12.0	13.3	11.3	12.9	11.6	12.7	18.8	17.7
7/23	14.3	6.4	7.9	9.3	12.6	14.0	11.7	13.4	11.9	13.2	19.6	16.2
7/24	14.7	6.3	7.9	9.4	12.9	14.3	11.9	13.6	12.2	13.3	20.4	16.4
7/25	14.0	6.0	7.1	8.2	11.4	12.5	11.4	12.7	11.7	12.5	18.9	16.9
7/26	13.5	6.0	7.1	8.3	10.8	12.0	11.4	12.5	11.8	12.5	17.9	16.4
7/27	13.4	6.0	7.1	8.2	11.0	12.3	11.7	12.9	12.1	13.1	18.4	16.1
7/28	13.6	6.1	7.4	8.7	11.4	12.8	11.8	13.2	12.3	13.3	19.0	16.7
7/29	14.0	6.3	7.6	9.0	12.1	13.4	12.2	13.6	12.6	13.6	19.7	16.3
7/30	14.5	6.4	7.8	9.2	12.5	13.9	12.5	13.9	12.8	13.9	20.2	15.8
7/31	14.5	6.4	7.7	8.8	12.2	13.5	12.5	13.9	13.0	13.8	20.1	15.3

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
8/1	14.5	6.3	7.7	8.8	12.0	13.4	12.7	14.0	13.2	14.1	19.9	16.4
8/2	14.5	6.3	7.7	9.1	12.0	13.3	12.6	14.0	13.2	13.8	19.6	17.9
8/3	13.6	6.1	7.0	7.9	11.0	11.9	12.5	13.3	13.0	13.5	18.7	18.7
8/4	13.1	6.1	7.0	7.6	10.0	11.1	12.3	13.1	13.0	13.6	18.0	18.8
8/5	13.6	6.1	7.3	8.2	10.6	12.0	12.7	13.8	13.3	14.0	18.7	19.0
8/6	13.3	6.2	7.4	8.0	10.2	11.1	12.5	13.5	13.3	13.8	18.3	19.0
8/7	12.8	7.9	7.9	8.3	10.3	11.2	12.6	13.4	13.3	14.0	17.7	17.6
8/8	12.7	7.2	9.2	10.3	11.1	12.0	12.9	13.6	13.5	14.3	17.8	17.0
8/9	13.1	6.2	7.5	8.8	12.1	13.3	13.5	14.3	14.0	14.8	18.5	17.9
8/10	13.9	6.5	7.8	9.0	12.0	13.4	13.8	14.9	14.5	15.3	19.9	18.3
8/11	14.6	6.7	8.1	9.4	12.5	14.0	14.1	15.4	14.8	15.7	21.1	18.6
8/12	15.2	6.7	8.3	9.6	12.8	14.3	14.3	15.7	15.1	16.0	21.8	17.6
8/13	15.0	6.4	7.9	9.1	12.6	14.0	14.4	15.6	15.1	15.9	21.8	16.4
8/14	14.5	7.8	8.0	8.3	11.4	12.8	14.2	15.2	14.9	15.7	20.2	16.1
8/15	13.4	8.8	11.2	11.5	11.8	12.1	13.4	14.3	14.5	15.0	18.5	16.3
8/16	11.2	8.6	11.7	11.8	13.1	13.4	13.8	14.6	14.5	14.9	15.7	16.6
8/17	10.9	8.4	10.2	10.4	12.4	13.0	13.5	14.6	14.3	14.8	15.5	16.5
8/18	10.9	8.4	9.7	10.1	12.1	12.7	13.5	14.4	14.2	14.7	16.0	15.4
8/19	11.3	8.3	9.6	10.1	12.1	12.9	13.7	14.6	14.3	15.0	17.0	16.1
8/20	11.6	8.2	9.3	9.9	12.0	13.0	13.7	14.7	14.3	15.0	17.8	16.8
8/21	11.3	8.2	9.3	10.0	11.6	12.5	13.3	14.2	13.9	14.6	17.8	16.2
8/22	11.9	7.2	9.2	10.2	12.1	13.0	12.9	14.2	13.5	14.2	18.5	15.4
8/23	12.5	6.5	8.3	9.2	12.1	13.3	13.0	14.2	13.5	14.2	19.2	15.1
8/24	13.1	6.7	8.4	9.3	12.0	13.3	13.1	14.4	13.7	14.4	19.9	14.8
8/25	13.5	6.7	8.5	9.4	12.1	13.4	13.3	14.6	13.8	14.6	20.3	13.7
8/26	13.7	6.7	8.3	9.3	12.1	13.4	13.4	14.7	13.9	14.7	20.4	14.3
8/27	13.9	6.7	8.3	9.1	12.0	13.2	13.4	14.6	14.0	14.6	20.2	14.4
8/28	13.8	6.8	8.2	9.0	11.7	12.9	13.5	14.7	14.1	14.9	20.1	14.7
8/29	13.7	6.7	8.1	8.9	11.5	12.3	13.1	14.4	13.8	14.6	19.9	14.1
8/30	13.8	6.6	8.1	9.0	11.5	12.7	13.1	14.3	13.7	14.3	19.3	14.8
8/31	13.4	6.4	7.7	8.7	11.1	12.1	12.9	13.8	13.5	14.1	18.7	15.8

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
9/1	13.2	6.4	7.6	8.2	10.7	11.4	12.9	13.5	13.5	13.9	18.0	16.7
9/2	13.3	8.1	8.3	8.6	10.5	11.4	12.7	13.7	13.6	14.2	17.7	17.2
9/3	13.4	9.4	9.8	10.2	11.1	11.6	12.2	13.3	13.5	14.5	19.0	16.3
9/4	13.7	9.4	9.8	10.2	11.2	11.8	12.5	13.6	13.8	14.4	19.1	14.9
9/5	13.8	9.5	9.9	10.3	11.2	11.8	12.5	13.6	13.8	14.6	19.1	14.7
9/6	13.8	9.4	9.9	10.3	11.3	11.8	12.6	13.6	13.9	14.6	18.8	15.6
9/7	13.6	9.3	9.7	10.0	11.0	11.5	12.4	13.5	13.9	14.5	18.5	15.9
9/8	13.7	9.3	9.7	10.1	11.0	11.6	12.5	13.5	14.0	14.7	18.5	14.6
9/9	13.0	9.4	9.7	9.9	10.7	11.1	12.2	13.0	13.8	14.5	17.5	13.9
9/10	13.4	9.4	9.9	10.2	11.2	11.7	12.7	13.6	14.1	14.9	18.3	14.6
9/11	13.3	9.4	9.8	10.0	11.0	11.5	12.6	13.5	14.2	14.8	17.9	14.4
9/12	13.2	9.4	9.7	10.0	10.8	11.2	12.4	13.3	14.1	14.8	17.6	14.3
9/13	13.1	8.9	9.4	9.4	9.8	10.1	11.1	12.0	13.4	14.5	18.3	13.5
9/14	12.3	11.3	12.0	12.4	12.6	12.5	13.2	12.5	13.9	14.6	16.8	13.1
9/15	12.0	9.5	9.8	10.1	11.1	11.7	13.7	14.1	14.4	15.0	16.5	13.7
9/16	12.2	10.5	10.6	10.7	11.0	11.3	13.8	14.0	14.7	15.2	17.3	14.8
9/17	12.5	10.5	10.8	11.0	11.5	11.9	13.7	14.3	14.8	15.3	17.7	14.9
9/18	12.2	10.3	10.5	10.8	11.3	11.7	13.7	14.1	14.5	15.0	17.2	14.2
9/19	11.8	10.5	10.6	10.8	11.1	11.4	13.5	13.7	14.3	14.7	16.3	14.5
9/20	11.7	10.5	10.7	10.9	11.2	11.5	13.6	13.8	14.4	14.8	16.5	14.7
9/21	11.5	10.4	10.6	10.9	11.3	11.6	13.5	13.9	14.4	14.8	16.2	14.9
9/22	10.5	10.4	10.5	10.6	10.8	10.9	13.3	13.3	14.1	14.4	14.7	14.2
9/23	10.6	10.5	10.7	10.8	11.0	11.2	13.5	13.5	14.2	14.5	14.7	14.3
9/24	10.8	10.6	10.7	10.8	11.1	11.4	13.6	13.7	14.4	14.7	15.1	14.9
9/25	10.7	10.4	10.5	10.7	11.1	11.3	13.5	13.5	14.2	14.4	14.6	15.2
9/26	10.7	10.5	10.6	10.7	11.0	11.3	13.5	13.7	14.3	14.6	14.8	15.0
9/27	10.9	10.5	10.7	10.9	11.3	11.6	13.8	14.0	14.5	14.9	15.5	14.2
9/28	10.8	10.6	10.7	10.8	11.1	11.3	13.7	13.8	14.4	14.7	15.4	14.3
9/29	10.8	10.7	10.8	10.9	11.2	11.3	13.7	13.8	14.4	14.7	15.1	13.4
9/30	10.8	10.5	10.7	10.9	11.2	11.4	13.6	13.8	14.4	14.8	14.8	12.9

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
10/1	10.5	9.7	10.2	10.5	11.1	11.4	13.6	13.7	14.3	14.6	14.6	12.2
10/2	10.3	9.2	9.5	9.7	10.4	10.7	13.6	13.7	14.2	14.5	13.9	12.3
10/3	9.7	9.1	9.3	9.4	9.8	10.1	13.3	13.3	13.9	14.2	13.4	12.5
10/4	10.0	9.0	9.3	9.4	10.0	10.3	13.3	13.4	13.9	14.3	13.9	11.9
10/5	9.3	9.0	9.1	9.2	9.6	9.8	13.1	13.1	13.6	14.0	13.3	11.7
10/6	8.7	9.0	9.1	9.1	9.2	9.3	12.9	12.6	13.3	13.5	12.3	11.9
10/7	8.9	9.1	9.3	9.3	9.4	9.5	12.9	12.8	13.4	13.6	12.7	12.3
10/8	9.0	10.0	9.7	9.5	9.6	9.8	12.8	12.8	13.4	13.7	12.8	12.3
10/9	9.1	11.2	11.1	11.1	10.8	10.7	13.0	12.8	13.4	13.6	12.7	12.8
10/10	9.3	11.1	11.1	11.1	11.1	11.1	13.2	13.1	13.6	13.8	12.8	13.2
10/11	8.9	10.9	10.8	10.9	10.9	10.9	12.7	12.8	13.4	13.5	12.4	12.4
10/12	8.4	10.7	10.3	10.4	10.4	10.4	12.0	12.0	12.4	12.7	11.0	12.0
10/13	7.4	11.7	10.6	10.4	9.6	9.5	11.8	11.3	12.1	12.2	9.8	12.1
10/14	6.8	12.5	11.7	11.3	10.2	9.8	11.9	11.1	12.0	11.7	8.9	12.1
10/15	6.3	12.3	11.7	11.1	10.4	10.0	11.9	11.1	11.9	11.6	8.4	12.3
10/16	6.3	12.0	11.5	11.0	10.5	10.2	11.9	11.2	11.9	11.7	8.5	12.6
10/17	7.2	11.9	11.4	11.0	11.1	10.9	12.0	12.0	12.3	12.3	10.1	12.2
10/18	7.0	11.9	11.2	10.9	10.5	10.3	11.9	11.4	11.9	11.8	9.3	11.1
10/19	7.4	11.0	10.2	10.4	10.4	10.3	11.1	11.3	11.5	11.8	9.9	10.0
10/20	7.6	11.1	10.4	10.0	10.2	10.1	10.8	10.8	11.1	11.3	9.4	10.0
10/21	7.0	11.0	10.3	9.8	9.8	9.7	10.7	10.5	11.1	11.1	9.0	10.8
10/22	7.2	10.8	10.3	9.9	9.9	9.7	10.7	10.4	10.9	11.2	9.0	10.6
10/23	7.9	10.8	10.5	10.1	10.6	10.5	11.0	11.0	11.2	11.4	10.2	10.2
10/24	7.7	10.6	10.2	10.1	10.3	10.2	10.8	10.9	11.2	11.3	10.1	9.4
10/25	7.2	10.4	9.5	9.2	9.4	9.4	10.0	10.1	10.5	10.9	9.1	9.5
10/26	6.5	9.5	8.8	8.7	8.9	8.8	9.4	9.5	9.9	10.1	8.3	9.5
10/27	6.3	9.5	8.6	8.4	8.4	8.4	8.9	8.9	9.5	9.8	7.7	10.1
10/28	6.3	9.5	8.9	8.5	8.4	8.3	8.9	8.6	9.4	9.7	7.5	9.9
10/29	6.9	8.8	8.7	8.8	9.1	9.1	9.3	9.5	9.5	9.7	8.5	9.0
10/30	6.6	8.7	8.4	8.3	8.3	8.4	8.6	8.7	9.0	9.0	7.5	8.8
10/31	6.9	8.5	8.5	8.4	8.4	8.4	8.8	8.7	9.0	9.1	7.8	8.4

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
11/1	7.6	8.0	8.9	8.9	9.4	9.4	9.2	9.5	9.2	9.2	8.6	8.6
11/2	7.0	7.7	8.4	8.2	8.7	8.8	8.7	9.2	8.8	8.9	8.5	8.7
11/3	6.5	8.2	8.1	8.1	8.1	8.2	8.4	8.5	8.6	8.6	8.4	8.5
11/4	6.3	7.2	7.5	7.6	7.8	7.9	8.2	8.3	8.4	8.5	8.7	8.4
11/5	6.9	6.4	6.6	6.9	7.3	7.6	7.9	8.4	8.5	8.7	8.9	8.4
11/6	7.0	6.8	7.1	7.3	7.7	8.0	8.1	8.5	8.4	8.5	8.2	7.9
11/7	6.8	7.5	8.3	8.1	8.3	8.5	8.4	8.8	8.4	8.6	7.9	7.7
11/8	6.2	7.4	7.9	7.6	7.4	7.6	7.8	8.0	8.1	8.2	7.4	7.7
11/9	7.0	7.5	8.1	7.9	7.8	8.0	8.0	8.3	8.1	8.3	7.9	8.0
11/10	7.4	7.6	8.3	8.3	8.6	8.9	8.5	9.0	8.1	8.4	8.4	8.2
11/11	6.8	7.4	7.6	7.9	8.2	8.4	8.2	8.6	7.9	8.1	8.4	8.6
11/12	7.1	7.6	7.7	7.9	8.0	8.3	8.1	8.5	8.0	8.2	8.2	8.6
11/13	7.7	7.8	8.3	8.5	8.8	9.0	8.7	9.1	8.3	8.5	8.8	7.9
11/14	7.6	7.5	8.7	8.8	9.3	9.4	9.2	9.5	8.6	8.7	8.6	7.9
11/15	7.7	7.6	8.9	8.9	9.4	9.6	9.4	9.8	9.5	9.3	8.5	7.9
11/16	7.8	7.7	8.6	8.8	9.4	9.5	9.3	9.8	9.0	9.1	8.9	7.6
11/17	7.3	7.5	8.0	8.5	8.9	9.1	8.8	9.4	8.5	8.7	8.8	6.9
11/18	6.4	7.3	7.4	7.9	7.9	8.1	8.0	8.5	8.1	8.3	8.1	6.8
11/19	5.7	7.3	6.9	7.5	7.0	7.1	7.4	7.6	7.7	7.8	7.3	6.3
11/20	6.2	7.4	7.3	7.8	7.4	7.6	7.7	7.9	7.9	8.0	7.2	6.3
11/21	6.0	7.4	7.3	7.7	7.3	7.5	7.7	7.8	7.8	7.9	7.1	6.5
11/22	6.6	7.5	7.5	7.9	7.9	8.0	7.9	8.3	7.9	8.1	7.6	6.7
11/23	6.6	7.4	7.7	8.0	8.1	8.3	8.1	8.5	8.0	8.2	8.1	7.0
11/24	5.6	7.2	6.9	7.6	7.2	7.3	7.5	7.8	7.7	7.8	7.3	7.0
11/25	5.2	7.1	6.8	7.3	6.6	6.8	7.2	7.3	7.5	7.5	6.6	6.7
11/26	5.7	7.2	7.3	7.6	7.2	7.4	7.4	7.6	7.5	7.7	6.4	6.8
11/27	6.0	7.3	7.5	7.9	7.7	7.8	7.7	8.0	7.7	7.9	6.8	7.0
11/28	5.8	7.2	7.5	7.8	7.6	7.9	7.7	8.1	7.7	7.8	6.8	6.8
11/29	5.2	7.0	7.1	7.4	6.8	7.0	7.3	7.4	7.4	7.4	6.1	6.3
11/30	4.2	6.9	6.4	6.7	5.5	5.6	6.6	6.3	7.1	6.9	5.3	5.8

	Sultan River										Skykomish River	
DATE	RM 18.2 (SFK)	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
12/1	4.5	6.9	6.7	6.9	5.7	5.8	6.6	6.4	7.0	7.0	5.1	5.6
12/2	5.0	6.9	7.0	7.2	6.4	6.5	6.9	7.0	7.1	7.2	6.1	5.5
12/3	5.0	6.9	6.9	7.2	6.6	6.7	7.0	7.2	7.1	7.2	6.5	5.1
12/4	5.0	6.8	6.8	7.0	6.5	6.6	7.0	7.2	7.2	7.2	6.4	4.9
12/5	5.4	6.9	7.0	7.1	6.9	7.0	7.1	7.3	7.2	7.3	6.7	4.6
12/6	5.8	6.8	7.2	7.4	7.5	7.7	7.4	7.8	7.3	7.3	6.8	4.9
12/7	6.0	6.9	7.3	7.6	7.7	7.8	7.6	7.9	7.4	7.4	6.9	5.6
12/8	6.3	6.9	7.6	7.9	8.1	8.3	7.9	8.3	7.6	7.6	7.1	6.5
12/9	6.3	6.7	7.1	7.3	7.6	7.7	7.7	8.2	7.8	7.6	7.0	6.0
12/10	7.0	7.2	8.0	8.1	8.4	8.6	8.5	8.8	8.5	8.2	7.4	5.9
12/11	6.7	6.8	6.9	7.0	7.2	7.3	7.3	7.8	7.8	7.8	7.5	5.3
12/12	6.7	6.9	7.0	7.1	7.3	7.4	7.4	7.7	7.7	7.7	7.3	5.4
12/13	6.5	6.8	6.9	7.0	7.1	7.3	7.3	7.7	7.6	7.6	7.5	5.4
12/14	6.7	6.9	7.0	7.0	7.2	7.3	7.3	7.7	7.6	7.6	7.3	5.9
12/15	7.4	7.0	7.1	7.2	7.4	7.6	7.5	7.9	7.9	7.8	8.2	6.0
12/16	6.7	7.0	7.1	7.2	7.4	7.6	7.5	8.0	7.8	7.7	7.5	5.8
12/17	5.9	6.9	7.0	7.1	7.2	7.4	7.4	7.7	7.7	7.6	7.1	5.5
12/18	5.5	6.9	7.0	7.0	7.1	7.3	7.2	7.5	7.4	7.4	7.0	5.5
12/19	4.7	6.9	6.9	6.9	6.9	7.0	7.1	7.4	7.2	7.2	6.6	5.5
12/20	4.7	6.6	6.6	6.7	6.8	6.9	7.0	7.4	7.1	7.2	7.3	5.8
12/21	4.7	6.4	6.2	6.3	6.4	6.6	6.8	7.2	7.0	7.1	7.6	6.4
12/22	4.8	6.6	6.2	6.3	6.4	6.6	6.8	7.0	6.9	7.0	7.8	6.4
12/23	4.4	6.5	5.9	5.9	6.0	6.1	6.6	6.6	6.8	6.8	8.2	6.2
12/24	5.0	6.5	6.4	6.3	6.3	6.5	6.7	6.8	6.8	6.9	8.2	6.2
12/25	4.7	6.4	6.1	6.1	6.2	6.3	6.6	6.5	6.7	6.7	7.9	6.4
12/26	4.0	6.3	5.7	5.6	5.8	6.0	6.5	6.4	6.6	6.6	7.4	6.0
12/27	3.7	6.1	5.5	5.2	5.1	5.2	6.0	5.7	6.3	6.3	6.9	5.8
12/28	3.6	6.0	5.5	5.2	5.0	5.1	5.9	5.7	6.2	6.3	6.7	5.9
12/29	3.8	6.0	5.5	5.2	5.0	5.1	5.9	5.6	6.2	6.2	6.6	6.3
12/30	3.7	5.9	5.4	5.2	4.9	5.0	5.5	5.4	6.1	6.1	6.5	6.0
12/31	3.7	5.8	5.3	4.9	4.5	4.6	5.2	5.0	6.0	6.0	6.1	5.8

APPENDIX C

2025 Seven-Day Average of the Daily Maximum (7-DAD Max) Water Temperature in Tabular Format

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
1/1	4.1	5.2	5.4	5.4	5.7	6.0	5.9	6.3	5.7	5.7	5.7	5.8
1/2	4.0	5.2	5.3	5.3	5.6	5.9	5.8	6.3	5.7	5.7	5.7	5.8
1/3	4.1	5.2	5.4	5.4	5.7	5.9	5.9	6.3	5.6	5.6	5.7	5.7
1/4	4.1	5.1	5.4	5.4	5.7	5.9	5.8	6.3	5.6	5.6	5.7	5.7
1/5	4.2	5.1	5.4	5.4	5.8	6.0	5.9	6.4	5.6	5.6	5.8	5.8
1/6	4.2	5.1	5.4	5.4	5.8	6.0	5.9	6.4	5.7	5.6	5.8	5.9
1/7	4.2	5.1	5.4	5.4	5.8	6.1	6.0	6.5	5.7	5.7	5.9	5.9
1/8	4.2	5.1	5.4	5.4	5.8	6.0	5.9	6.4	5.8	5.8	5.9	5.9
1/9	4.2	5.0	5.3	5.4	5.7	6.0	5.9	6.4	5.8	5.8	5.8	5.9
1/10	4.1	5.0	5.3	5.3	5.6	5.9	5.8	6.3	5.7	5.8	5.8	5.9
1/11	4.0	5.0	5.2	5.2	5.5	5.7	5.7	6.2	5.7	5.7	5.7	5.8
1/12	3.9	4.9	5.1	5.0	5.2	5.5	5.5	5.9	5.5	5.6	5.5	5.6
1/13	3.8	4.9	5.0	4.9	5.1	5.3	5.3	5.7	5.4	5.5	5.4	5.4
1/14	3.7	4.8	4.9	4.8	4.9	5.2	5.2	5.5	5.3	5.4	5.3	5.3
1/15	3.5	4.7	4.8	4.6	4.6	4.9	5.0	5.3	5.1	5.2	5.0	5.1
1/16	3.2	4.7	4.6	4.4	4.3	4.5	4.7	5.0	5.0	5.1	4.7	4.8
1/17	2.9	4.6	4.5	4.2	4.0	4.2	4.5	4.6	4.8	4.9	4.4	4.6
1/18	2.7	4.6	4.4	4.2	3.8	4.0	4.4	4.4	4.7	4.9	4.1	4.4
1/19	2.5	4.5	4.3	4.1	3.7	3.9	4.3	4.2	4.6	4.8	3.9	4.2
1/20	2.3	4.5	4.2	3.9	3.5	3.6	4.1	4.1	4.5	4.7	3.7	4.0
1/21	2.2	4.4	4.1	3.9	3.3	3.5	4.0	3.9	4.4	4.6	3.6	3.9
1/22	2.0	4.3	4.0	3.8	3.2	3.3	3.9	3.8	4.3	4.5	3.4	3.8
1/23	1.9	4.3	4.0	3.7	3.0	3.2	3.8	3.7	4.2	4.4	3.4	3.7
1/24	1.8	4.2	3.9	3.6	3.0	3.1	3.7	3.6	4.1	4.4	3.3	3.6
1/25	1.7	4.2	3.8	3.5	2.8	3.0	3.6	3.5	4.0	4.2	3.3	3.5
1/26	1.7	4.0	3.7	3.4	2.7	2.9	3.6	3.4	3.9	4.1	3.3	3.5
1/27	1.6	4.0	3.7	3.4	2.8	2.9	3.5	3.4	3.8	4.0	3.3	3.4
1/28	1.7	4.0	3.7	3.4	2.8	2.9	3.4	3.4	3.7	3.9	3.3	3.5
1/29	1.8	3.9	3.7	3.4	2.9	3.0	3.4	3.4	3.7	3.9	3.4	3.6
1/30	1.9	3.8	3.7	3.4	3.0	3.1	3.5	3.5	3.7	3.9	3.5	3.6
1/31	2.0	3.7	3.7	3.4	3.1	3.3	3.5	3.6	3.7	3.9	3.6	3.7

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
2/1	2.1	3.7	3.6	3.4	3.2	3.3	3.5	3.6	3.7	4.0	3.8	3.9
2/2	2.1	3.7	3.7	3.4	3.3	3.4	3.5	3.7	3.7	4.0	3.8	3.9
2/3	2.0	3.5	3.5	3.3	3.2	3.4	3.5	3.7	3.7	4.0	3.8	3.9
2/4	1.8	3.4	3.4	3.1	3.0	3.2	3.4	3.5	3.6	3.9	3.7	3.8
2/5	1.7	3.4	3.3	3.1	2.9	3.1	3.3	3.5	3.6	3.9	3.6	3.7
2/6	1.7	3.4	3.3	3.1	2.9	3.2	3.3	3.5	3.5	3.9	3.6	3.7
2/7	1.6	3.3	3.2	3.0	2.8	3.1	3.2	3.4	3.5	3.9	3.7	3.8
2/8	1.4	3.3	3.1	2.9	2.6	2.9	3.1	3.3	3.4	3.7	3.5	3.6
2/9	1.2	3.2	2.9	2.7	2.2	2.6	2.9	3.1	3.3	3.6	3.3	3.4
2/10	1.1	3.0	2.8	2.5	2.0	2.4	2.8	2.9	3.1	3.4	2.9	3.0
2/11	1.1	3.0	2.7	2.5	2.0	2.4	2.8	2.9	3.1	3.3	2.8	2.9
2/12	1.1	2.9	2.7	2.4	2.0	2.4	2.8	2.9	3.0	3.3	2.8	2.9
2/13	1.1	2.8	2.6	2.4	2.0	2.4	2.7	2.9	3.0	3.2	2.7	2.9
2/14	1.2	2.8	2.6	2.4	2.0	2.4	2.7	3.0	3.0	3.3	2.8	3.0
2/15	1.5	2.8	2.8	2.6	2.4	2.7	2.9	3.2	3.1	3.5	3.3	3.3
2/16	1.8	2.9	3.0	2.8	2.8	3.2	3.1	3.6	3.4	3.7	3.8	3.8
2/17	2.2	3.0	3.3	3.1	3.3	3.6	3.4	3.9	3.6	4.0	4.4	4.4
2/18	2.5	3.1	3.5	3.3	3.6	3.9	3.6	4.2	3.9	4.2	4.9	4.8
2/19	2.7	3.3	3.7	3.6	4.0	4.2	4.0	4.5	4.1	4.4	5.2	5.1
2/20	3.0	3.4	4.1	4.0	4.4	4.6	4.3	4.8	4.5	4.6	5.4	5.3
2/21	3.2	3.5	4.3	4.3	4.8	5.0	4.6	5.2	4.8	4.9	5.4	5.4
2/22	3.4	3.5	4.5	4.6	5.0	5.2	4.9	5.4	5.0	5.0	5.3	5.3
2/23	3.6	3.6	4.7	4.8	5.3	5.5	5.2	5.7	5.3	5.3	5.4	5.5
2/24	3.9	3.7	4.9	5.0	5.6	5.8	5.4	6.0	5.6	5.5	5.5	5.6
2/25	4.1	3.8	5.0	5.2	5.9	6.1	5.7	6.3	5.8	5.7	5.7	5.8
2/26	4.3	3.8	5.0	5.2	6.0	6.3	5.7	6.4	5.8	5.9	5.9	6.0
2/27	4.4	3.9	4.9	5.2	6.0	6.3	5.7	6.5	5.8	5.9	6.1	6.2
2/28	4.5	3.9	4.9	5.1	6.0	6.4	5.7	6.6	5.7	6.0	6.3	6.4

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
3/1	4.6	3.9	4.9	5.1	6.0	6.5	5.7	6.7	5.6	5.9	6.5	6.6
3/2	4.6	3.9	4.8	5.0	6.0	6.5	5.6	6.7	5.4	5.9	6.6	6.7
3/3	4.5	3.9	4.7	4.9	5.8	6.3	5.5	6.5	5.2	5.7	6.6	6.6
3/4	4.5	3.9	4.7	4.8	5.7	6.3	5.4	6.4	5.0	5.6	6.5	6.6
3/5	4.5	3.9	4.6	4.8	5.6	6.2	5.2	6.3	4.9	5.5	6.5	6.5
3/6	4.5	3.9	4.6	4.8	5.6	6.1	5.2	6.2	4.8	5.5	6.6	6.6
3/7	4.4	3.9	4.5	4.7	5.4	6.0	5.1	6.1	4.7	5.4	6.6	6.6
3/8	4.3	3.9	4.5	4.7	5.4	5.9	5.1	6.0	4.5	5.4	6.8	6.5
3/9	4.3	4.0	4.6	4.7	5.3	5.8	5.1	6.0	4.6	5.3	6.7	6.5
3/10	4.3	4.0	4.7	4.7	5.3	5.8	5.1	6.0	4.7	5.4	6.8	6.6
3/11	4.2	4.0	4.7	4.7	5.2	5.7	5.0	6.0	4.8	5.5	6.8	6.6
3/12	4.0	4.1	4.6	4.7	5.2	5.6	5.0	5.9	4.9	5.6	6.8	6.5
3/13	3.7	4.1	4.6	4.6	5.0	5.4	5.0	5.8	5.0	5.6	6.6	6.4
3/14	3.6	4.1	4.6	4.6	5.0	5.3	4.9	5.8	5.0	5.6	6.7	6.4
3/15	3.6	4.2	4.7	4.6	5.0	5.3	5.0	5.8	5.1	5.8	6.6	6.5
3/16	3.6	4.2	4.7	4.7	5.0	5.4	5.0	5.8	5.2	5.8	6.6	6.6
3/17	3.5	4.3	4.6	4.7	5.0	5.4	5.0	5.8	5.2	5.7	6.6	6.5
3/18	3.6	4.3	4.6	4.7	5.1	5.4	5.1	5.8	5.2	5.7	6.6	6.5
3/19	3.7	4.3	4.7	4.8	5.2	5.5	5.2	5.9	5.2	5.7	6.6	6.5
3/20	3.8	4.4	4.8	4.9	5.3	5.6	5.3	5.9	5.3	5.7	6.6	6.5
3/21	3.8	4.4	4.9	5.0	5.5	5.8	5.4	6.1	5.4	5.7	6.4	6.4
3/22	4.0	4.5	4.9	5.1	5.6	5.9	5.5	6.3	5.7	5.8	6.4	6.4
3/23	4.2	4.5	5.0	5.1	5.7	6.0	5.6	6.4	5.8	6.0	6.4	6.5
3/24	4.4	4.6	5.1	5.2	5.8	6.1	5.8	6.5	6.1	6.2	6.5	6.6
3/25	4.5	4.6	5.0	5.2	5.7	6.1	5.8	6.6	6.2	6.3	6.5	6.6
3/26	4.7	4.6	5.1	5.2	5.8	6.1	5.9	6.7	6.3	6.4	6.6	6.7
3/27	4.9	4.6	5.1	5.2	5.8	6.2	5.9	6.8	6.4	6.5	6.6	6.8
3/28	5.1	4.7	5.1	5.2	5.8	6.2	6.0	6.9	6.4	6.7	6.9	7.1
3/29	5.0	4.7	5.0	5.1	5.7	6.1	5.9	6.7	6.3	6.5	6.9	7.0
3/30	5.0	4.7	5.0	5.1	5.6	6.0	5.8	6.6	6.2	6.5	6.9	7.0
3/31	5.0	4.7	4.9	5.1	5.6	5.9	5.8	6.6	6.1	6.5	7.1	7.2

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
4/1	5.2	4.7	4.9	5.1	5.6	6.0	5.9	6.7	6.3	6.7	7.4	7.5
4/2	5.4	4.8	5.0	5.2	5.7	6.1	6.0	6.8	6.5	6.9	7.7	7.7
4/3	5.5	4.7	4.9	5.2	5.7	6.0	6.0	6.8	6.5	7.0	7.9	7.9
4/4	5.5	4.6	4.9	5.1	5.7	6.0	6.0	6.8	6.6	7.2	8.0	8.0
4/5	5.5	4.6	4.9	5.1	5.7	6.0	6.0	6.9	6.7	7.2	8.0	8.0
4/6	5.7	4.6	4.9	5.2	5.8	6.1	6.2	7.0	6.9	7.4	8.1	8.1
4/7	5.7	4.8	5.1	5.3	5.9	6.3	6.3	7.2	7.1	7.5	8.0	8.1
4/8	5.6	4.8	5.2	5.5	6.1	6.5	6.4	7.3	6.9	7.3	7.9	8.0
4/9	5.4	4.9	5.4	5.6	6.3	6.6	6.4	7.3	6.8	7.2	7.7	7.8
4/10	5.3	5.0	5.6	5.9	6.6	6.9	6.6	7.6	6.8	7.2	7.7	7.7
4/11	5.6	5.2	5.8	6.3	7.0	7.4	6.9	7.9	6.9	7.2	7.9	7.9
4/12	5.9	5.4	6.2	6.8	7.6	8.0	7.3	8.3	7.0	7.4	8.2	8.2
4/13	6.1	5.6	6.5	7.2	8.1	8.5	7.5	8.5	6.9	7.5	8.5	8.4
4/14	6.2	5.8	6.7	7.5	8.5	8.9	7.7	8.7	7.0	7.7	8.6	8.6
4/15	6.5	6.1	6.9	7.9	8.8	9.3	7.9	9.0	7.3	8.0	8.9	8.9
4/16	6.8	6.3	7.1	8.1	9.2	9.7	8.1	9.2	7.4	8.2	9.3	9.3
4/17	6.9	6.6	7.3	8.1	9.2	9.7	8.2	9.2	7.6	8.3	9.4	9.3
4/18	6.7	6.8	7.4	8.1	9.2	9.7	8.2	9.2	7.7	8.4	9.3	9.2
4/19	6.6	7.1	7.5	8.2	9.2	9.6	8.3	9.2	7.8	8.5	9.2	9.2
4/20	6.6	7.2	7.7	8.3	9.3	9.8	8.4	9.4	8.0	8.7	9.3	9.3
4/21	6.8	7.5	7.8	8.5	9.5	10.0	8.6	9.6	8.3	8.9	9.5	9.4
4/22	6.9	7.6	8.0	8.7	9.7	10.3	8.8	9.8	8.4	9.0	9.6	9.6
4/23	7.2	7.8	8.4	9.0	10.1	10.6	9.2	10.1	8.7	9.4	9.7	9.7
4/24	7.2	7.8	8.5	9.2	10.2	10.7	9.3	10.3	8.8	9.6	9.9	9.9
4/25	7.3	7.9	8.5	9.2	10.1	10.6	9.3	10.3	8.9	9.6	10.0	9.9
4/26	7.3	7.9	8.4	9.1	10.1	10.5	9.4	10.3	9.0	9.7	9.9	9.8
4/27	7.3	8.0	8.5	9.0	9.9	10.3	9.4	10.2	9.1	9.7	9.9	9.8
4/28	7.4	7.9	8.5	9.1	9.9	10.2	9.6	10.3	9.2	9.9	9.9	9.9
4/29	7.5	8.1	8.6	9.1	9.8	10.2	9.9	10.4	9.4	10.3	9.9	9.9
4/30	7.3	8.1	8.4	8.8	9.3	9.7	9.8	10.4	9.3	10.1	9.8	9.8

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
5/1	7.4	8.1	8.5	8.8	9.4	9.9	10.0	10.5	9.4	10.3	9.7	9.7
5/2	7.7	8.3	8.7	9.1	9.8	10.3	10.5	10.8	9.6	10.7	9.9	10.0
5/3	8.0	8.4	8.9	9.4	10.1	10.7	10.8	11.2	10.0	11.1	10.2	10.3
5/4	8.1	8.6	9.0	9.5	10.4	11.0	11.1	11.5	10.2	11.4	10.4	10.5
5/5	8.1	8.7	9.1	9.6	10.4	11.0	11.1	11.5	10.3	11.6	10.3	10.4
5/6	8.1	8.8	9.2	9.7	10.4	11.0	11.2	11.5	10.3	11.6	10.3	10.5
5/7	8.2	9.2	9.6	10.1	10.7	11.3	11.3	11.5	10.6	11.9	10.3	10.4
5/8	8.2	9.7	9.9	10.4	10.9	11.5	11.5	11.6	10.8	11.8	10.4	10.5
5/9	8.1	10.0	10.2	10.5	11.0	11.5	11.5	11.6	11.0	11.9	10.3	10.4
5/10	7.8	10.3	10.4	10.6	11.0	11.4	11.4	11.5	11.0	11.8	10.0	10.1
5/11	7.6	10.6	10.6	10.7	11.0	11.4	11.3	11.5	11.0	11.7	9.7	9.9
5/12	7.3	10.8	10.7	10.8	10.9	11.3	11.2	11.4	11.0	11.5	9.5	9.6
5/13	7.0	10.8	10.7	10.7	10.8	11.0	11.0	11.2	11.0	11.4	9.3	9.4
5/14	6.8	10.8	10.6	10.6	10.8	11.0	11.0	11.2	11.0	11.3	9.1	9.3
5/15	6.6	10.6	10.4	10.5	10.6	10.9	10.9	11.1	10.9	11.3	9.2	9.3
5/16	6.4	10.6	10.4	10.4	10.5	10.7	10.7	11.0	10.8	11.3	9.1	9.3
5/17	6.3	10.4	10.2	10.2	10.4	10.5	10.6	10.8	10.7	11.2	9.0	9.2
5/18	6.4	10.4	10.0	10.2	10.3	10.6	10.6	10.9	10.8	11.3	9.3	9.4
5/19	6.6	10.3	10.0	10.3	10.5	10.7	10.7	11.0	10.9	11.5	9.6	9.8
5/20	6.9	10.3	10.0	10.3	10.7	11.0	11.0	11.2	11.0	11.8	10.0	10.1
5/21	7.2	10.3	10.1	10.5	11.0	11.4	11.4	11.6	11.3	12.2	10.4	10.6
5/22	7.7	10.3	10.3	10.8	11.4	11.9	11.9	12.0	11.6	12.6	10.8	11.0
5/23	8.0	10.4	10.3	10.8	11.5	12.0	12.0	12.4	11.7	12.8	11.2	11.3
5/24	8.4	10.5	10.5	11.2	12.1	12.6	12.7	12.9	12.1	13.3	11.7	11.8
5/25	9.0	10.6	10.8	11.5	12.5	13.2	13.3	13.4	12.5	13.9	12.1	12.2
5/26	9.2	10.6	10.8	11.5	12.6	13.3	13.3	13.8	12.7	13.9	12.3	12.5
5/27	9.4	10.5	10.7	11.5	12.7	13.5	13.5	14.0	12.9	14.1	12.5	12.6
5/28	9.3	10.4	10.5	11.2	12.3	13.0	13.1	14.0	12.9	13.9	12.4	12.5
5/29	9.3	10.2	10.3	11.0	12.1	12.8	12.9	13.9	12.8	13.9	12.4	12.5
5/30	9.6	9.9	10.2	11.0	12.2	13.0	13.1	13.8	12.8	14.1	12.5	12.6
5/31	9.8	9.7	10.0	10.8	12.0	12.9	13.0	13.7	12.8	14.1	12.7	12.8

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
6/1	9.6	9.7	9.8	10.4	11.6	12.4	12.5	13.4	12.5	13.7	12.6	12.6
6/2	10.0	9.6	9.7	10.6	11.8	12.7	12.8	13.5	12.6	14.0	12.8	12.9
6/3	10.2	9.6	9.8	10.6	11.9	12.8	12.9	13.6	12.7	14.2	13.2	13.3
6/4	10.8	9.7	9.9	10.8	12.4	13.4	13.5	13.8	12.9	14.7	13.6	13.7
6/5	11.3	9.8	10.0	11.0	12.7	13.9	14.0	14.3	13.2	15.1	14.1	14.2
6/6	11.7	9.9	10.1	11.2	13.0	14.2	14.3	14.7	13.5	15.5	14.5	14.7
6/7	12.1	9.8	10.0	11.1	13.0	14.2	14.2	14.9	13.5	15.5	14.9	15.0
6/8	12.4	9.6	9.8	11.2	13.4	14.7	14.3	15.0	13.6	15.7	15.2	15.3
6/9	12.3	9.1	9.4	10.7	13.0	14.3	13.8	14.7	13.3	15.3	15.2	15.2
6/10	12.0	8.9	9.1	10.2	12.4	13.5	13.2	14.2	12.9	14.7	15.0	15.0
6/11	11.5	8.7	8.9	9.9	11.9	13.0	12.6	13.7	12.5	14.2	14.7	14.7
6/12	11.3	8.5	8.9	10.0	12.0	13.0	12.1	13.4	12.3	13.8	14.6	14.6
6/13	11.1	8.3	9.0	10.1	12.1	13.0	11.6	13.1	12.0	13.5	14.5	14.5
6/14	11.0	8.3	9.3	10.5	12.5	13.4	11.6	13.1	11.8	13.5	14.6	14.6
6/15	10.7	8.4	9.4	10.5	12.5	13.3	11.5	13.0	11.8	13.3	14.6	14.5
6/16	10.8	8.8	9.8	10.9	12.7	13.6	11.7	13.2	11.8	13.5	14.7	14.6
6/17	10.8	8.9	10.0	11.2	13.1	14.0	11.9	13.4	12.0	13.7	14.8	14.7
6/18	10.8	9.0	10.1	11.3	13.1	14.0	12.0	13.4	12.1	13.6	14.7	14.6
6/19	10.5	9.1	10.0	11.0	12.6	13.5	11.9	13.2	11.9	13.3	14.3	14.2
6/20	10.5	9.2	10.1	11.1	12.7	13.5	12.0	13.3	12.1	13.5	14.4	14.3
6/21	10.4	9.3	10.1	11.1	12.7	13.4	12.1	13.3	12.2	13.4	14.6	14.4
6/22	10.5	9.4	10.2	11.2	12.7	13.5	12.1	13.4	12.3	13.6	14.6	14.5
6/23	10.5	9.4	10.2	11.2	12.8	13.5	12.1	13.4	12.4	13.5	14.6	14.5
6/24	10.6	9.5	10.3	11.2	12.8	13.6	12.2	13.5	12.5	13.6	14.6	14.6
6/25	11.1	9.6	10.6	11.6	13.4	14.1	12.4	13.9	12.7	14.0	15.3	15.2
6/26	11.6	9.7	10.9	12.2	14.2	15.0	12.8	14.4	12.9	14.6	16.1	15.9
6/27	12.0	9.8	11.0	12.4	14.6	15.6	13.0	14.7	13.1	14.8	16.6	16.4
6/28	12.5	9.4	10.8	12.4	15.1	16.1	13.3	15.0	13.3	15.1	17.1	16.8
6/29	12.9	8.9	10.7	12.5	15.5	16.6	13.6	15.4	13.4	15.5	17.7	17.4
6/30	13.3	8.4	10.4	12.4	15.8	17.0	13.9	15.6	13.6	15.8	18.2	17.8

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
7/1	13.3	8.4	10.4	12.4	15.8	17.0	13.9	15.6	13.6	15.8	18.2	17.8
7/2	13.8	7.9	10.3	12.4	16.2	17.5	14.1	16.0	13.7	16.2	18.8	18.4
7/3	14.0	7.4	9.9	12.1	16.1	17.7	14.3	16.1	13.9	16.4	19.2	18.7
7/4	14.1	6.8	9.4	11.6	15.9	17.6	14.3	16.1	13.9	16.4	19.4	18.9
7/5	14.1	6.3	9.0	11.1	15.6	17.3	14.3	16.1	14.0	16.4	19.5	18.9
7/6	14.2	6.3	8.9	11.0	15.4	17.0	14.2	16.1	14.1	16.5	19.6	19.0
7/7	14.0	6.3	8.7	10.7	14.7	16.4	14.1	15.9	14.1	16.2	19.6	18.9
7/8	13.8	6.3	8.5	10.5	14.2	15.9	14.0	15.8	14.1	16.2	19.4	18.8
7/9	14.0	6.4	8.6	10.7	14.4	16.0	14.1	15.9	14.3	16.4	19.7	19.0
7/10	14.3	6.5	8.8	10.9	14.7	16.3	14.2	16.1	14.4	16.6	20.0	19.3
7/11	14.6	6.6	8.9	11.1	14.9	16.6	14.4	16.3	14.6	16.8	20.4	19.7
7/12	14.8	6.6	8.9	11.0	15.0	16.6	14.4	16.5	14.7	16.9	20.7	19.9
7/13	14.9	6.6	8.9	11.1	15.0	16.6	14.4	16.5	14.8	16.9	20.8	20.0
7/14	15.4	6.7	9.2	11.4	15.7	17.4	14.3	16.6	14.6	17.1	21.3	20.4
7/15	15.9	6.8	9.5	11.9	16.5	18.1	14.1	16.8	14.4	17.0	22.1	20.9
7/16	16.0	6.8	9.3	11.6	16.2	17.8	13.7	16.4	14.0	16.4	22.2	20.9
7/17	15.8	6.7	9.1	11.2	15.8	17.2	13.3	15.8	13.6	15.9	22.0	20.6
7/18	15.4	6.5	8.9	10.7	15.2	16.5	12.7	15.2	13.0	15.1	21.4	20.0
7/19	15.3	6.5	8.7	10.6	14.8	16.2	12.3	14.8	12.7	14.7	21.3	19.7
7/20	15.2	6.5	8.7	10.5	14.6	15.9	11.8	14.3	12.2	14.3	21.0	19.4
7/21	15.2	6.5	8.6	10.4	14.5	15.7	11.9	14.2	12.2	14.3	20.9	19.3
7/22	15.2	6.5	8.6	10.4	14.4	15.7	11.9	14.2	12.3	14.4	20.9	19.3
7/23	15.3	6.5	8.6	10.3	14.2	15.5	12.0	14.2	12.4	14.4	20.9	19.2
7/24	15.4	6.5	8.6	10.5	14.3	15.6	12.0	14.3	12.5	14.5	20.8	19.2
7/25	15.6	6.6	8.6	10.5	14.4	15.7	12.2	14.6	12.7	14.8	21.0	19.4
7/26	15.6	6.6	8.7	10.6	14.5	15.8	12.4	14.7	12.8	14.9	21.1	19.4
7/27	15.6	6.6	8.7	10.6	14.6	15.9	12.6	14.8	12.9	15.0	21.3	19.5
7/28	15.7	6.6	8.7	10.6	14.5	15.9	12.7	14.9	13.0	15.1	21.3	19.5
7/29	15.5	6.6	8.6	10.3	14.2	15.6	12.8	14.8	13.1	15.1	21.1	19.3
7/30	15.6	6.6	8.6	10.5	14.5	15.9	12.9	15.1	13.3	15.5	21.2	19.4
7/31	15.7	6.7	8.8	10.7	14.7	16.1	13.1	15.3	13.4	15.6	21.5	19.6

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
8/1	15.6	6.6	8.6	10.6	14.4	15.8	13.3	15.2	13.5	15.5	21.4	19.5
8/2	15.3	6.6	8.4	10.2	13.8	15.2	13.2	15.0	13.6	15.3	21.1	19.2
8/3	15.2	6.5	8.3	9.9	13.4	14.8	13.3	15.0	13.7	15.3	20.9	19.0
8/4	14.8	6.4	8.1	9.6	12.7	14.0	13.2	14.8	13.8	15.0	20.5	18.6
8/5	14.5	6.9	8.2	9.4	12.4	13.7	13.3	14.7	13.9	15.1	20.2	18.4
8/6	14.4	7.3	8.5	9.8	12.4	13.5	13.5	14.6	13.9	15.2	20.0	18.3
8/7	14.1	7.2	8.4	9.7	12.3	13.5	13.7	14.6	14.0	15.4	19.9	18.3
8/8	14.4	7.4	8.7	9.9	12.8	14.1	14.0	15.0	14.2	15.9	20.1	18.6
8/9	14.8	7.5	9.0	10.4	13.5	14.8	14.3	15.5	14.5	16.5	20.8	19.2
8/10	15.0	7.7	9.2	10.7	14.0	15.3	14.6	15.7	14.7	16.8	21.2	19.7
8/11	15.4	7.7	9.3	11.0	14.6	16.0	15.0	16.1	15.0	17.3	21.7	20.2
8/12	15.7	7.7	9.4	11.0	14.8	16.2	15.0	16.4	15.2	17.5	22.2	20.5
8/13	15.7	7.7	9.7	11.1	14.7	16.1	15.0	16.4	15.3	17.3	22.2	20.5
8/14	15.3	8.0	10.4	11.5	14.5	15.8	14.9	16.3	15.3	17.1	21.7	20.0
8/15	14.7	8.2	10.6	11.5	14.3	15.4	14.8	16.1	15.2	16.9	20.9	19.5
8/16	14.1	8.4	10.8	11.5	14.0	15.0	14.7	15.9	15.1	16.6	20.0	18.8
8/17	13.5	8.6	10.9	11.4	13.7	14.7	14.6	15.7	15.0	16.3	19.3	18.3
8/18	13.0	8.8	11.0	11.3	13.6	14.5	14.5	15.6	14.9	16.2	18.8	18.0
8/19	12.6	8.7	11.1	11.6	13.8	14.6	14.5	15.5	14.8	16.1	18.5	17.8
8/20	12.5	8.6	10.8	11.2	13.9	14.8	14.6	15.5	14.6	16.2	18.6	18.0
8/21	12.8	8.3	10.2	11.1	14.0	15.1	14.6	15.6	14.5	16.3	19.1	18.4
8/22	13.2	8.1	10.0	11.1	14.1	15.3	14.6	15.7	14.4	16.3	19.9	18.9
8/23	13.7	7.9	9.9	11.1	14.2	15.6	14.6	15.8	14.4	16.4	20.6	19.3
8/24	14.1	7.7	9.7	11.0	14.2	15.7	14.5	15.8	14.3	16.3	21.1	19.6
8/25	14.4	7.5	9.6	10.8	14.2	15.7	14.4	15.7	14.3	16.1	21.3	19.6
8/26	14.6	7.3	9.4	10.4	14.1	15.6	14.3	15.8	14.3	16.1	21.6	19.7
8/27	14.8	7.0	9.2	10.4	13.8	15.3	14.2	15.7	14.3	16.0	21.6	19.7
8/28	14.9	7.0	9.1	10.3	13.6	15.2	14.1	15.7	14.3	15.9	21.5	19.6
8/29	14.9	6.9	9.0	10.0	13.4	14.8	14.0	15.5	14.3	15.8	21.1	19.3
8/30	14.7	6.8	8.8	9.8	13.0	14.3	13.9	15.2	14.3	15.5	20.6	18.8
8/31	14.7	7.3	8.9	10.0	12.7	14.0	13.8	15.0	14.3	15.3	20.2	18.4

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
9/1	14.6	7.7	9.1	10.1	12.5	13.7	13.7	14.9	14.3	15.4	20.2	18.4
9/2	14.6	8.0	9.2	10.3	12.3	13.5	13.7	14.6	14.2	15.3	20.0	18.2
9/3	14.6	8.5	9.5	10.4	12.3	13.4	13.7	14.6	14.2	15.3	20.0	18.2
9/4	14.5	8.9	9.7	10.5	12.2	13.2	13.6	14.5	14.2	15.3	20.1	18.1
9/5	14.4	9.3	9.9	10.7	12.1	13.1	13.6	14.4	14.3	15.3	20.1	18.0
9/6	14.5	9.7	10.2	10.8	12.2	13.2	13.6	14.5	14.3	15.6	20.3	18.3
9/7	14.4	9.7	10.2	10.8	12.1	12.9	13.5	14.3	14.3	15.6	20.3	18.2
9/8	14.4	9.7	10.2	10.7	12.0	12.9	13.5	14.4	14.4	15.6	20.2	18.1
9/9	14.2	9.7	10.2	10.6	11.9	12.7	13.5	14.4	14.4	15.6	20.0	18.0
9/10	14.1	9.7	10.1	10.6	11.8	12.6	13.4	14.2	14.5	15.6	19.7	17.8
9/11	14.0	10.0	10.3	11.2	11.6	12.3	13.2	14.1	14.5	15.7	19.7	17.7
9/12	13.8	10.8	11.0	11.2	11.9	12.5	13.4	14.1	14.5	15.8	19.5	17.5
9/13	13.6	10.9	11.0	11.4	11.9	12.5	13.5	14.2	14.6	15.8	19.3	17.4
9/14	13.5	11.2	11.3	11.6	12.0	12.6	13.8	14.3	14.9	16.0	19.5	17.4
9/15	13.3	11.3	11.4	11.7	12.0	12.5	13.9	14.3	14.9	16.0	19.5	17.3
9/16	13.2	11.5	11.5	11.9	12.1	12.6	14.0	14.4	15.0	16.1	19.4	17.4
9/17	13.1	11.7	11.6	12.0	12.2	12.7	14.2	14.5	15.0	16.1	19.4	17.4
9/18	12.9	11.4	11.6	11.5	12.4	12.9	14.5	14.7	15.1	16.1	19.2	17.3
9/19	12.8	10.8	11.0	11.6	12.1	12.7	14.4	14.7	15.1	16.2	19.1	17.4
9/20	12.6	10.9	11.1	11.5	12.0	12.5	14.4	14.6	15.0	16.1	18.8	17.3
9/21	12.3	10.8	10.9	11.4	11.9	12.5	14.3	14.5	14.8	16.0	18.3	17.0
9/22	12.0	10.7	10.9	11.4	11.8	12.4	14.2	14.5	14.7	15.9	17.8	16.8
9/23	11.8	10.7	10.9	11.4	11.8	12.3	14.2	14.4	14.7	15.7	17.4	16.5
9/24	11.6	10.7	10.9	11.4	11.7	12.2	14.1	14.4	14.7	15.7	17.1	16.3
9/25	11.5	10.7	10.9	11.4	11.7	12.2	14.1	14.4	14.7	15.6	16.8	16.2
9/26	11.4	10.8	11.0	11.3	11.6	12.2	14.2	14.4	14.7	15.6	16.9	16.2
9/27	11.3	10.8	11.0	11.3	11.6	12.2	14.2	14.4	14.7	15.6	16.8	16.1
9/28	11.3	10.8	11.0	11.3	11.6	12.2	14.2	14.4	14.7	15.6	16.7	16.0
9/29	11.2	10.7	11.0	11.1	11.6	12.1	14.2	14.3	14.7	15.5	16.5	15.9
9/30	11.2	10.5	10.8	10.9	11.5	12.0	14.2	14.3	14.7	15.5	16.4	15.8

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
10/1	11.0	10.3	10.6	10.7	11.3	11.8	14.1	14.3	14.6	15.4	16.1	15.7
10/2	10.9	10.1	10.4	10.4	11.1	11.6	14.0	14.1	14.5	15.3	15.7	15.5
10/3	10.7	9.8	10.2	10.2	10.9	11.4	13.9	14.0	14.4	15.2	15.3	15.3
10/4	10.4	9.6	10.0	10.0	10.6	11.2	13.8	13.9	14.3	15.1	15.0	15.1
10/5	10.2	9.5	9.8	10.0	10.5	10.9	13.7	13.8	14.2	15.0	14.8	14.9
10/6	10.0	9.6	9.8	10.2	10.3	10.7	13.6	13.7	14.1	14.9	14.7	14.8
10/7	9.8	9.9	10.0	10.4	10.4	10.8	13.5	13.6	14.0	14.7	14.4	14.6
10/8	9.7	10.2	10.3	10.6	10.5	10.8	13.5	13.5	13.9	14.6	14.2	14.4
10/9	9.5	10.5	10.5	10.8	10.6	10.8	13.4	13.4	13.9	14.4	13.9	14.2
10/10	9.3	10.7	10.7	11.0	10.7	10.9	13.2	13.2	13.7	14.1	13.5	13.8
10/11	9.1	11.3	11.0	11.2	10.7	10.8	13.0	13.0	13.5	13.9	13.1	13.5
10/12	8.8	11.7	11.3	11.3	10.8	10.9	12.9	12.8	13.3	13.6	12.4	13.0
10/13	8.4	11.9	11.4	11.3	10.9	10.9	12.7	12.5	13.1	13.3	11.8	12.5
10/14	8.0	12.0	11.5	11.3	10.9	10.8	12.6	12.3	12.9	13.0	11.3	12.1
10/15	7.8	12.1	11.5	11.3	10.9	10.8	12.4	12.2	12.7	12.9	10.9	11.8
10/16	7.5	12.2	11.6	11.3	10.8	10.8	12.2	12.0	12.5	12.6	10.5	11.4
10/17	7.4	12.4	11.6	11.1	10.8	10.7	12.1	11.9	12.3	12.5	10.4	11.1
10/18	7.4	12.1	11.5	10.9	10.9	10.8	12.0	11.8	12.2	12.4	10.3	10.8
10/19	7.4	11.9	11.3	10.8	10.8	10.8	11.8	11.7	12.1	12.3	10.3	10.7
10/20	7.5	11.7	11.1	10.6	10.7	10.7	11.6	11.5	11.9	12.2	10.4	10.7
10/21	7.7	11.5	11.0	10.5	10.7	10.7	11.5	11.5	11.7	12.1	10.6	10.7
10/22	7.8	11.3	10.8	10.3	10.6	10.6	11.3	11.3	11.6	11.9	10.6	10.6
10/23	7.8	11.1	10.6	10.0	10.5	10.4	11.1	11.1	11.4	11.7	10.6	10.5
10/24	7.7	10.9	10.4	9.8	10.3	10.3	10.9	10.9	11.2	11.5	10.3	10.3
10/25	7.5	10.7	10.1	9.6	10.0	10.0	10.6	10.6	10.9	11.3	10.0	10.2
10/26	7.4	10.4	9.9	9.5	9.9	9.8	10.3	10.4	10.7	11.0	9.7	9.9
10/27	7.4	10.2	9.7	9.2	9.7	9.7	10.1	10.2	10.5	10.7	9.5	9.6
10/28	7.2	9.9	9.4	8.9	9.4	9.4	9.8	9.9	10.2	10.4	9.0	9.3
10/29	7.1	9.6	9.1	8.9	9.1	9.1	9.5	9.6	9.9	10.1	8.8	9.0
10/30	7.2	9.3	9.0	8.8	9.1	9.2	9.4	9.5	9.7	9.8	8.6	8.8
10/31	7.3	8.9	8.9	8.7	9.1	9.1	9.2	9.4	9.4	9.6	8.6	8.7

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
11/1	7.3	8.8	8.8	8.6	9.0	9.1	9.1	9.4	9.3	9.4	8.6	8.6
11/2	7.2	8.5	8.7	8.3	8.9	9.0	9.0	9.2	9.1	9.2	8.7	8.6
11/3	7.2	8.1	8.4	8.2	8.6	8.7	8.8	9.1	9.0	9.1	8.8	8.6
11/4	7.2	7.9	8.3	8.2	8.5	8.7	8.7	9.0	8.8	9.0	8.8	8.6
11/5	7.2	7.8	8.3	8.0	8.5	8.6	8.6	9.0	8.8	8.9	8.7	8.5
11/6	6.9	7.7	8.1	7.9	8.2	8.4	8.4	8.8	8.6	8.8	8.6	8.4
11/7	7.0	7.6	8.1	8.0	8.1	8.3	8.3	8.7	8.5	8.7	8.5	8.4
11/8	7.1	7.5	8.2	8.0	8.2	8.4	8.4	8.8	8.4	8.7	8.6	8.5
11/9	7.2	7.5	8.2	8.1	8.3	8.5	8.4	8.9	8.4	8.6	8.5	8.6
11/10	7.3	7.6	8.3	8.3	8.4	8.7	8.4	8.9	8.3	8.6	8.4	8.6
11/11	7.4	7.7	8.5	8.4	8.6	8.8	8.6	9.0	8.3	8.6	8.5	8.6
11/12	7.5	7.7	8.5	8.6	8.7	8.9	8.7	9.1	8.3	8.6	8.6	8.7
11/13	7.7	7.7	8.6	8.7	9.0	9.2	8.9	9.3	8.5	8.8	8.8	8.9
11/14	7.8	7.7	8.7	8.7	9.1	9.3	9.0	9.5	8.7	8.8	8.8	9.0
11/15	7.8	7.7	8.6	8.7	9.2	9.4	9.1	9.6	8.8	8.9	8.9	9.0
11/16	7.7	7.7	8.5	8.6	9.1	9.3	9.1	9.5	8.8	8.9	8.8	9.0
11/17	7.4	7.6	8.4	8.5	9.0	9.1	9.0	9.4	8.8	8.8	8.7	8.9
11/18	7.2	7.6	8.2	8.3	8.8	9.0	8.8	9.3	8.7	8.8	8.5	8.7
11/19	7.0	7.6	8.0	8.2	8.5	8.7	8.6	9.1	8.6	8.7	8.3	8.5
11/20	6.9	7.5	7.8	8.1	8.3	8.5	8.3	8.8	8.3	8.5	8.2	8.3
11/21	6.7	7.5	7.7	8.0	8.2	8.3	8.2	8.6	8.1	8.4	8.1	8.2
11/22	6.5	7.4	7.5	7.9	7.9	8.1	8.0	8.4	8.0	8.2	7.9	8.0
11/23	6.3	7.4	7.5	7.9	7.7	7.9	7.9	8.2	7.9	8.1	7.7	7.9
11/24	6.3	7.4	7.5	7.9	7.7	7.9	7.8	8.2	7.9	8.1	7.5	7.7
11/25	6.2	7.3	7.5	7.9	7.7	7.9	7.8	8.2	7.8	8.0	7.4	7.7
11/26	6.2	7.3	7.6	7.8	7.7	7.9	7.8	8.2	7.8	8.0	7.4	7.7
11/27	6.0	7.3	7.5	7.6	7.6	7.8	7.7	8.1	7.8	7.9	7.2	7.5
11/28	5.7	7.2	7.3	7.6	7.3	7.5	7.5	7.8	7.7	7.7	6.8	7.2
11/29	5.5	7.1	7.3	7.5	7.1	7.2	7.4	7.6	7.5	7.6	6.5	6.9
11/30	5.5	7.1	7.3	7.4	7.1	7.2	7.4	7.6	7.5	7.6	6.4	6.8

Sultan River											Skykomish River	
	RM 18.2	RM 15.8	RM 15.5	RM 14.3	RM 11.3	RM 9.8	RM 9.6	RM 4.9	RM 4.4	RM 0.2	RM 14.1	RM 13.2
	(SFK) 7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day	7 Day
DATE	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max	Avg Max
12/1	5.4	7.1	7.2	7.3	6.9	7.1	7.3	7.5	7.4	7.5	6.4	6.8
12/2	5.2	7.0	7.1	7.3	6.8	6.9	7.2	7.4	7.3	7.4	6.3	6.7
12/3	5.2	7.0	7.1	7.3	6.7	6.9	7.1	7.3	7.3	7.3	6.3	6.7
12/4	5.3	6.9	7.1	7.4	6.8	6.9	7.1	7.3	7.2	7.3	6.4	6.8
12/5	5.5	7.0	7.2	7.5	7.0	7.2	7.3	7.5	7.3	7.4	6.6	7.0
12/6	5.8	7.0	7.3	7.6	7.4	7.5	7.5	7.7	7.4	7.5	6.9	7.2
12/7	5.9	7.0	7.4	7.9	7.6	7.7	7.7	8.0	7.6	7.5	7.0	7.3
12/8	6.3	7.1	7.6	7.9	7.9	8.1	8.0	8.3	7.9	7.8	7.2	7.5
12/9	6.6	7.1	7.6	7.8	8.1	8.2	8.1	8.5	8.2	8.0	7.4	7.6
12/10	6.7	7.1	7.6	7.8	8.1	8.2	8.1	8.5	8.2	8.0	7.5	7.7
12/11	6.9	7.1	7.6	7.6	8.0	8.2	8.1	8.5	8.3	8.1	7.6	7.8
12/12	7.0	7.1	7.5	7.5	7.9	8.1	8.0	8.5	8.3	8.1	7.7	7.9
12/13	7.1	7.1	7.4	7.4	7.8	8.0	7.9	8.4	8.3	8.1	7.9	8.0
12/14	7.2	7.1	7.3	7.2	7.7	7.9	7.8	8.3	8.2	8.1	8.0	8.1
12/15	7.1	7.0	7.1	7.2	7.5	7.7	7.6	8.1	8.0	7.9	7.9	8.0
12/16	6.9	7.0	7.1	7.2	7.5	7.6	7.5	7.9	7.8	7.8	7.9	7.9
12/17	6.7	7.0	7.1	7.2	7.4	7.6	7.5	7.9	7.8	7.7	7.8	7.7
12/18	6.4	7.0	7.1	7.1	7.4	7.5	7.5	7.9	7.7	7.7	7.8	7.5
12/19	6.1	6.9	7.0	6.9	7.3	7.5	7.4	7.8	7.6	7.6	7.8	7.3
12/20	5.7	6.9	6.9	6.8	7.1	7.3	7.3	7.7	7.5	7.4	7.7	7.0
12/21	5.4	6.8	6.7	6.7	6.9	7.1	7.2	7.5	7.3	7.3	7.7	6.7
12/22	5.2	6.7	6.6	6.5	6.8	7.0	7.0	7.3	7.1	7.2	7.8	6.6
12/23	5.0	6.6	6.5	6.4	6.6	6.8	6.9	7.2	7.0	7.1	7.8	6.5
12/24	5.0	6.6	6.4	6.2	6.5	6.7	6.8	7.1	6.9	7.0	8.0	6.5
12/25	4.9	6.5	6.2	6.1	6.3	6.5	6.7	6.9	6.8	6.9	7.9	6.4
12/26	4.7	6.4	6.1	5.9	6.1	6.3	6.6	6.7	6.7	6.8	7.7	6.2
12/27	4.5	6.3	6.0	5.8	5.9	6.1	6.4	6.5	6.6	6.7	7.6	6.1
12/28	4.4	6.3	5.9	5.6	5.7	5.9	6.3	6.3	6.5	6.6	7.3	6.0
12/29	4.2	6.2	5.8	5.5	5.5	5.6	6.1	6.0	6.4	6.4	7.0	5.8
12/30	4.0	6.1	5.7	5.3	5.3	5.4	6.0	5.9	6.3	6.4	6.9	5.7
12/31	3.8	6.0	5.5	5.3	5.1	5.2	5.8	5.7	6.2	6.3	6.7	5.6

APPENDIX D

2025 Steelhead Spawning Ground Survey Field Data

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercentS een	Comments	RunYear	Species	New_Redd_ Count	PrevRedds	Live_Count	Dead_Count
3/7/2025	7.0881	0.0	2.9	Legare	Kees	INDX	BOAT	Medium	Fair	70%	24, Cloudy, 707 cfs	2025	STHD	0	0	0	0
4/4/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Medium	Fair	70%	24, Sunny 640 cfs	2025	STHD	4	0	0	0
4/30/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Medium	Good	80%	23, Sunny, 720 cfs	2025	STHD	7	4	0	0
5/12/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Low	Excellent	90%	20, partly sunny, 365 cfs	2025	STHD	6	11	1	0
5/30/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Low	Good	85%	21, sunny, 350	2025	STHD	6	17	0	0
6/13/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Low	Excellent	90%	20, partly sunny, 348 cfs	2025	STHD	4	16	0	0
6/27/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Low	Excellent	90%	20, overcast, 330 cfs	2025	STHD	0	18	0	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercentS een	Comments	RunYear	Species	New_Redd_ Count	PrevRedds	Live_Count	Dead_Count
5/12/2025	7.0881	2.9	4.5	Legare	Nobles	SUPP	FOOT	Low	Excellent	90%	20, partly sunny, 365 cfs	2025	STHD	8	0	0	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercentS een	Comments	RunYear	Species	New_Redd_ Count	PrevRedds	Live_Count	Dead_Count
3/5/2025	7.0881	4.5	5.2	Legare	Kees	INDX	FOOT	Low	Fair	75%	21, Sunny, 166 cfs	2025	STHD	0	0	0	0
3/17/2025	7.0881	4.5	5.2	Legare	Kees	INDX	FOOT	Low	Good	80%	21, cloudy, 276 cfs	2025	STHD	0	0	0	0
4/18/2025	7.0881	4.5	5.2	Legare	Nobles	INDX	FOOT	Low	Good	80%	21, Sunny, 148 cfs	2025	STHD	2	0	0	0
5/1/2025	7.0881	4.5	5.2	Legare	Nobles	INDX	FOOT	Medium	Good	85%	23, cloudy, 202 cfs	2025	STHD	0	2	0	0
5/14/2025	7.0881	4.5	5.2	Legare	Nobles	INDX	FOOT	Medium	Fair	75%	23, rain, 178 cfs	2025	STHD	9	2	0	0
5/30/2025	7.0881	4.5	5.2	Legare	Nobles	INDX	FOOT	Low	Excellent	90%	20, Sunny, 169 cfs	2025	STHD	2	9	0	0
6/10/2025	7.0881	4.5	5.2	Legare	Nobles	INDX	FOOT	Low	Excellent	90%	20, Sunny, 152 cfs	2025	STHD	2	11	0	0
7/1/2025	7.0881	4.5	5.2	Nobles	Robbins	INDX	FOOT	Low	Excellent	90%	20, Sunny, 111 cfs	2025	STHD	0	13	0	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercentS een	Comments	RunYear	Species	New_Redd_ Count	PrevRedds	Live_Count	Dead_Count
5/14/2025	7.0881	5.2	7.2	Legare	Nobles	SUPP	FOOT	Low	Good	80%	21, rain, 178 cfs	2025	STHD	3	0	0	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercentS een	Comments	RunYear	Species	New_Redd_ Count	PrevRedds	Live_Count	Dead_Count
3/5/2025	7.0881	7.2	7.5	Legare	Kees	INDX	FOOT	Low	Fair	75%	21, Sunny 112 cfs	2025	STHD	0	0	0	0
3/17/2025	7.0881	7.2	7.5	Legare	Kees	INDX	FOOT	Low	Good	80%	21, cloudy, 174 cfs	2025	STHD	0	0	0	0
4/18/2025	7.0881	7.2	7.5	Legare	Nobles	INDX	FOOT	Low	Good	80%	21, Sunny, 148 cfs	2025	STHD	0	0	0	0
5/1/2025	7.0881	7.2	7.5	Legare	Nobles	INDX	FOOT	Medium	Good	85%	23, cloudy, 202 cfs	2025	STHD	1	0	0	0
5/14/2025	7.0881	7.2	7.5	Legare	Nobles	INDX	FOOT	Low	Good	80%	21, rain, 178 cfs	2025	STHD	1	1	0	0
5/29/2025	7.0881	7.2	7.5	Legare	Nobles	INDX	FOOT	Low	Good	85%	21, rain, 167 cfs	2025	STHD	0	2	0	0
6/10/2025	7.0881	7.2	7.5	Legare	Nobles	INDX	FOOT	Low	Excellent	90%	21, sunny, 152 cfs	2025	STHD	0	2	0	0
7/1/2025	7.0881	7.2	7.5	Nobles	Robbins	INDX	FOOT	Low	Excellent	90%	20, Sunny, 111 cfs	2025	STHD	0	2	0	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercentS een	Comments	RunYear	Species	New_Redd_ Count	PrevRedds	Live_Count	Dead_Count
5/14/2025	7.0881	7.5	9.2	Legare	Nobles	SUPP	FOOT	Low	Good	80%	21, rain, 178 cfs	2025	STHD	1	0	0	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercentS een	Comments	RunYear	Species	New_Redd_ Count	PrevRedds	Live_Count	Dead_Count
3/5/2025	7.0881	9.2	9.7	Legare	Kees	INDX	FOOT	Low	Fair	75%	21, Sunny 112 cfs	2025	STHD	0	0	0	0
3/17/2025	7.0881	9.2	9.7	Legare	Kees	INDX	FOOT	Low	Fair	75%	21, cloudy, 174 cfs	2025	STHD	0	0	0	0
4/15/2025	7.0881	9.2	9.7	Legare	Nobles	INDX	FOOT	Low	Good	80%	21, sunny, 148 cfs	2025	STHD	0	0	0	0
5/1/2025	7.0881	9.2	9.7	Legare	Nobles	INDX	FOOT	Medium	Good	80%	23, cloudy, 202 cfs	2025	STHD	0	0	0	0
5/13/2025	7.0881	9.2	9.7	Legare	Nobles	INDX	FOOT	Low	Good	80%	21, cloudy, 155 cfs	2025	STHD	0	0	0	1
5/29/2025	7.0881	9.2	9.7	Legare	Nobles	INDX	FOOT	Low	Good	80%	21, rain, 148 cfs	2025	STHD	0	0	0	0
6/10/2025	7.0881	9.2	9.7	Legare	Nobles	INDX	FOOT	Low	Excellent	90%	21, sunny, 152 cfs	2025	STHD	1	0	0	0
7/1/2025	7.0881	9.2	9.7	Nobles	Robbins	INDX	FOOT	Low	Excellent	90%	20, Sunny, 111 cfs	2025	STHD	0	1	0	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercentS een	Comments	RunYear	Species	New_Redd_ Count	PrevRedds	Live_Count	Dead_Count
3/5/2025	7.0881	9.8	10.4	Legare	Kees	INDX	FOOT	Low	Good	80%	21, Sunny 112 cfs	2025	STHD	0	0	0	0
3/17/2025	7.0881	9.8	10.4	Legare	Kees	INDX	FOOT	Low	Fair	75%	21, cloudy, 126 cfs	2025	STHD	0	0	0	0
4/15/2025	7.0881	9.8	10.4	Legare	Nobles	INDX	FOOT	Low	Good	80%	21, sunny , 67 cfs	2025	STHD	0	0	0	0
5/1/2025	7.0881	9.8	10.4	Legare	Nobles	INDX	FOOT	Medium	Good	80%	23, cloudy, 176 cfs	2025	STHD	0	0	0	0
5/13/2025	7.0881	9.8	10.4	Legare	Nobles	INDX	FOOT	Medium	Good	80%	23, cloudy, 155 cfs	2025	STHD	0	0	0	0
5/29/2025	7.0881	9.8	10.4	Legare	Nobles	INDX	FOOT	Low	Good	80%	21, rain, 148 cfs	2025	STHD	0	0	0	0
6/10/2025	7.0881	9.8	10.4	Legare	Nobles	INDX	FOOT	Low	Excellent	90%	21, sunny, 152 cfs	2025	STHD	0	0	0	0
7/1/2025	7.0881	9.8	10.4	Nobles	Robbins	INDX	FOOT	Low	Excellent	90%	20, Sunny, 39 cfs	2025	STHD	0	0	0	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercentS een	Comments	RunYear	Species	New_Redd_ Count	PrevRedds	Live_Count	Dead_Count
5/13/2025	7.0881	10.4	11.1	Legare	Nobles	SUPP	FOOT	Medium	Good	80%	23, cloudy, 155 cfs	2025	STHD	0	0	0	0
5/13/2025	7.0881	11.1	12.0	Legare	Nobles	SUPP	FOOT	Medium	Good	80%	23, cloudy, 155 cfs	2025	STHD	3	0	0	0
5/16/2025	7.0881	12.0	14.3	Legare	Nobles	SUPP	FOOT	Medium	Good	85%	23, cloudy, 151 cfs	2025	STHD	0	0	0	0

DRAINAGE	REACH	RIVER MILE				SURVEY METHOD	SURVEY TYPE	OBSERVED REDDS	OBS REDDS PEAK SUPPLEM	PEAK MLTPLIR	TOTAL REDDS	REDDS/MI	ESCAPEMENT
		WRIA	BEGIN	END	LENGTH								
SULTAN	Mainstem	.0881	0.00	2.90	2.90	B	I	27	17		27	9.3	43
	Mainstem	.0881	2.90	4.50	1.60	F	S		8	1.36	11	6.8	17
	Mainstem	.0881	4.50	5.20	0.70	F	I	15	11		15	21.4	24
	Mainstem	.0881	5.20	7.20	2.00	F	S		3	1.36	4	2.0	7
	Mainstem	.0881	7.20	7.50	0.30	F	I	2	2		2	6.7	3
	Mainstem	.0881	7.50	9.20	1.70	F	S		1	1.00	1	0.6	2
	Mainstem	.0881	9.20	9.70	0.50	F	I	1	0		1	2.0	2
	Mainstem	.0881	9.80	10.40	0.60	F	I		0		0	0.0	0
	Mainstem	.0881	10.40	11.10	0.70	F	S		0	1.00	0	0.0	0
	Mainstem	.0881	11.10	12.00	0.90	F	S		3	1.00	3	3.3	5
	Mainstem	.0881	12.00	14.30	2.30	F	S		0	1.00	0	0.0	0
								45	15		64		102

APPENDIX E

2025 Chinook Spawning Ground Survey Field Data

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercent Seen	Comments	RunYear	Species	New_Redd _Count	PrevRedds	Live_Count	Dead_Count
8/18/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Low	Fair	80%	21, Cloudy, 382 cfs	2025	CHIN	0	0	1	1
8/28/2025	7.0881	0.0	2.9	Nobles	Robbins	INDX	BOAT	Medium	Fair	80%	21, Sunny, 345 cfs	2025	CHIN	0	0	1	0
9/4/2025	7.0881	0.0	2.9	Legare	Robbins	INDX	BOAT	Low	Good	85%	20, Sunny, 349 cfs	2025	CHIN	0	0	1	1
9/12/2025	7.0881	0.0	2.9	Nobles	Keyes	INDX	BOAT	Low	Good	85%	20, Partly sunny, 352 cfs	2025	CHIN	0	0	2	2
9/16/2025	7.0881	0.0	2.9	Legare	Pressler	INDX	BOAT	Low	Fair	75%	21, Sunny, 449 cfs	2025	CHIN	0	0	3	1
10/1/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Low	Fair	75%	21, sunny, 359 cfs	2025	CHIN	7	0	26	15
10/9/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Low	Fair	80%	21, rain, 338 cfs	2025	CHIN	2	7	31	8
10/17/2025	7.0881	0.0	2.9	Legare	Nobles	INDX	BOAT	Low	Fair	80%	21, partly sunny, 345 cfs	2026	CHIN	2	7	26	3

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercent Seen	Comments	RunYear	Species	New_Redd _Count	PrevRedds	Live_Count	Dead_Count
10/9/2025	7.0881	2.9	4.5	Legare	Nobles	SUPP	FOOT	Low	Good	85%	20, partly sunny, 337 cfs	2025	CHIN	0	0	0	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercent Seen	Comments	RunYear	Species	New_Redd _Count	PrevRedds	Live_Count	Dead_Count
9/5/2025	7.0881	4.5	5.2	Legare	McDonnell	INDX	FOOT	Low	Good	85%	20, sunny, 104 cfs	2025	CHIN	1	0	1	0
9/11/2025	7.0881	4.5	5.2	Legare	Keyes	INDX	FOOT	Low	Fair	80%	21, overcast, 104 cfs,	2025	CHIN	0	1	3	0
9/18/2025	7.0881	4.5	5.2	Legare	Keyes	INDX	FOOT	medium	Fair	80%	24, sunny, 182 cfs	2025	CHIN	1	2	5	1
9/22/2025	7.0881	4.5	5.2	Legare	Keyes	INDX	FOOT	Medium	Good	85%	23, sunny, 182 cfs	2025	CHIN	3	2	17	2
10/2/2025	7.0881	4.5	5.2	Legare	Nobles	INDX	FOOT	Medium	Fair	80%	23, overcast, 190 cfs	2025	CHIN	3	5	19	3
10/6/2025	7.0881	4.5	5.2	Legare	Nobles	INDX	FOOT	Medium	Fair	80%	23, sunny, 180 cfs	2025	CHIN	1	6	2	1
10/16/2025	7.0881	4.5	5.2	Legare	Nobles	INDX	FOOT	Medium	Good	85%	23, partly sunny, 158 cfs	2025	CHIN	2	6	6	1

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercent Seen	Comments	RunYear	Species	New_Redd _Count	PrevRedds	Live_Count	Dead_Count
10/6/2025	7.0881	5.2	7.2	Legare	Nobles	SUPP	FOOT	Medium	Good	85%	23, sunny, 180 cfs	2025	CHIN	2	0	6	1

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercent Seen	Comments	RunYear	Species	New_Redd _Count	PrevRedds	Live_Count	Dead_Count
9/5/2025	7.0881	7.2	7.5	Legare	McDonnell	INDX	FOOT	Medium	Good	85%	20, sunny, 104 cfs	2025	CHIN	1	0	0	0
9/11/2025	7.0881	7.2	7.5	Legare	Keyes	INDX	FOOT	Low	Good	85%	21, overcast, 104 cfs,	2025	CHIN	4	1	13	0
9/18/2025	7.0881	7.2	7.5	Legare	Keyes	INDX	FOOT	Medium	Good	85%	24, sunny, 182 cfs	2025	CHIN	1	4	11	1
9/22/2025	7.0881	7.2	7.5	Legare	Keyes	INDX	FOOT	Medium	Good	85%	23, sunny, 182 cfs	2025	CHIN	1	4	8	2
9/30/2025	7.0881	7.2	7.5	Legare	Nobles	INDX	FOOT	Medium	Fair	80%	23, partly sunny, 180 cfs	2025	CHIN	0	5	9	2
10/6/2025	7.0881	7.2	7.5	Legare	Nobles	INDX	FOOT	Medium	Good	85%	23, sunny, 180 cfs	2025	CHIN	1	5	5	2
10/16/2025	7.0881	7.2	7.5	Legare	Nobles	INDX	FOOT	Medium	Good	85%	23, partly sunny, 158 cfs	2025	CHIN	0	5	9	2

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercent Seen	Comments	RunYear	Species	New_Redd _Count	PrevRedds	Live_Count	Dead_Count
10/6/2025	7.0881	7.5	9.2	Legare	Nobles	SUPP	FOOT	Low	Good	85%	23, sunny, 180 cfs	2025	CHIN	1	0	14	4

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercent Seen	Comments	RunYear	Species	New_Redd _Count	PrevRedds	Live_Count	Dead_Count
8/27/2025	7.0881	9.2	9.7	Nobles	Robbins	INDX	FOOT	Low	Good	85%	21, sunny, 105 cfs	2025	CHIN	0	0	0	0
9/4/2025	7.0881	9.2	9.7	Legare	Robbins	INDX	FOOT	Low	Fair	80%	21, sunny, 105 cfs	2025	CHIN	0	0	0	0
9/11/2025	7.0881	9.2	9.7	Legare	Keyes	INDX	FOOT	Low	Fair	80%	21, overcast, 105 cfs	2025	CHIN	1	0	1	0
9/17/2025	7.0881	9.2	9.7	Legare	Keyes	INDX	FOOT	Low	Fair	75%	21, sunny, 182 cfs	2025	CHIN	0	1	2	0
9/30/2025	7.0881	9.2	9.7	Legare	Nobles	INDX	FOOT	Medium	Good	85%	21, partly sunny, 180 cfs	2025	CHIN	3	1	9	3
10/16/2025	7.0881	9.2	9.7	Legare	Nobles	INDX	FOOT	Low	Good	85%	20, sunny, 158 cfs	2025	CHIN	2	4	1	0

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercent Seen	Comments	RunYear	Species	New_Redd _Count	PrevRedds	Live_Count	Dead_Count
8/27/2025	7.0881	9.8	10.4	Nobles	Robbins	INDX	FOOT	Low	Good	85%	21, sunny, 105 cfs	2025	CHIN	0	0	0	0
9/4/2025	7.0881	9.8	10.4	Legare	Robbins	INDX	FOOT	Low	Good	80%	21, sunny, 75 cfs	2025	CHIN	0	0	0	0
9/11/2025	7.0881	9.8	10.4	Legare	Keyes	INDX	FOOT	Low	Good	80%	21, overcast, 74 cfs	2025	CHIN	0	0	0	0
9/17/2025	7.0881	9.8	10.4	Legare	Keyes	INDX	FOOT	Low	Fair	75%	21, sunny, 91 cfs	2025	CHIN	0	0	12	0
9/30/2025	7.0881	9.8	10.4	Legare	Nobles	INDX	FOOT	Low	Good	85%	21, partly sunny, 96 cfs	2025	CHIN	0	0	6	1
10/7/2025	7.0881	9.8	10.4	Legare	Nobles	INDX	FOOT	Low	Good	85%	20, sunny, 73 cfs	2025	CHIN	1	0	7	0
10/16/2025	7.0881	9.8	10.4	Legare	Nobles	INDX	FOOT	Low	Good	85%	20, sunny, 71 cfs	2025	CHIN	1	1	0	2

Date (mm/dd/yyyy)	StreamCode	RMLower	RMUpper	Observ1	Observ2	TypeCount	TypeSurvey	FlowType	VisibilityType	EstPercent Seen	Comments	RunYear	Species	New_Redd _Count	PrevRedds	Live_Count	Dead_Count
10/7/2025	7.0881	10.4	11.1	Legare	Nobles	SUPP	FOOT	Low	Good	85%	20, sunny, 73 cfs	2025	CHIN	7	0	1	11
10/7/2025	7.0881	11.1	12.0	Legare	Nobles	SUPP	FOOT	Low	Good	85%	20, sunny, 73 cfs	2025	CHIN	37	0	19	4
10/14/2025	7.0881	12.0	14.3	Legare	Nobles	SUPP	FOOT	Low	Good	85%	20, partly sunny, 84 cfs	2025	CHIN	5	0	1	2

DRAINAGE	REACH	RIVER MILE				SURVEY		SURVEY		OBSERVED OBS REDDS		PEAK	TOTAL				
		WRIA	BEGIN	END	LENGTH	METHOD	TYPE	REDDS	PEAK SUPPLE	MLTPLIR	REDDS	REDDS/MI	ESCAPEMENT				
SULTAN	Mainstem	.0881	0.00	2.90	2.90	B	I	11	7		11	3.8	28				
	Mainstem	.0881	2.90	4.50	1.60	F	S		0	1.57	0	0.0	0				
	Mainstem	.0881	4.50	5.20	0.70	F	I	11	6		11	15.7	28				
	Mainstem	.0881	5.20	7.20	2.00	F	S		2	1.83	4	1.8	9				
	Mainstem	.0881	7.20	7.50	0.30	F	I	8	5		8	26.7	20				
	Mainstem	.0881	7.50	9.20	1.70	F	S		1	1.60	2	0.9	4				
	Mainstem	.0881	9.20	9.70	0.50	F	I	6	3		6	12.0	15				
	Mainstem	.0881	9.80	10.40	0.60	F	I	2	1		2	3.3	5				
	Mainstem	.0881	10.40	11.10	0.70	F	S		7	1.50	11	15.0	26				
	Mainstem	.0881	11.10	12.00	0.90	F	S		37	1.50	56	61.7	139				
	Mainstem	.0881	12.00	14.30	2.30	F	S		5	1.50	8	3.3	19				
								38	52		117		292				

APPENDIX F

Engineered Log Jam Annual Inspection Technical Memo, 2025



TECHNICAL MEMO

TO: Washington State Department of Natural Resources

FROM: Andrew McDonnell, Natural Resources Manager

DATE: October 28, 2025

RE: Aquatic Lands Easement No. 51-088310
Engineered Log Jams (ELJs) Inspection

Introduction

This memo was prepared to summarize physical changes, if any, that have occurred over the past year at Engineered Log Jam (ELJ) locations on the Sultan River, pursuant to the Washington Department of Natural Resources (DNR) Aquatic Lands Easement No. 51-088310, as amended in September 2020. In September 2020, the PUD received an amendment to the permit agreement to conduct fixes to ELJ#5 (LP-3 in Agreement) due to high-flow damage; construction was complete in 2023. While the remaining ELJs have been monitored for 10 years of reporting as required in the original permit, Snohomish PUD continues to monitor all ELJs, including the modified ELJ#5 due to its more recent fix. As such, Snohomish PUD is providing an annual technical memo on all ELJs to DNR through 2033, unless directed otherwise by DNR.

Figure 1 depicts the locations of the ELJs; Figure 2 depicts the hydrograph over the past year and identifies flows during ELJ surveys on June 13 and October 17, 2025. Formal surveys are typically conducted two times per year – spring after fall / winter flood season, and late summer / early fall during low flow. This memo contains formal photo documentation of the ELJ surveys following an outmigration flow in April 2024 and additional documentation following summer low flow in September 2025. The maximum mean daily flow during the 2024/2025 flood season defined as November 2024 through April 2025 was 2,038 cfs on March 25, 2025.

In addition to the documentation of physical conditions at the ELJ sites, a safety assessment was completed to identify any potentially hazardous conditions in proximity to the ELJ installations and along the entire lower river, downstream of the boat launch at Trout Farm Road. While the lower river is not the focus of the whitewater boating community, it is commonly utilized by the general public for swimming, tubing, and floating especially during summer. Figures 3 through 6 show signage used on the Sultan River to notify river users of the ELJs; each stating “CAUTION BE ALERT TO LOG JAMS DOWNSTREAM”.

Inspection

See attached inspection sheets.

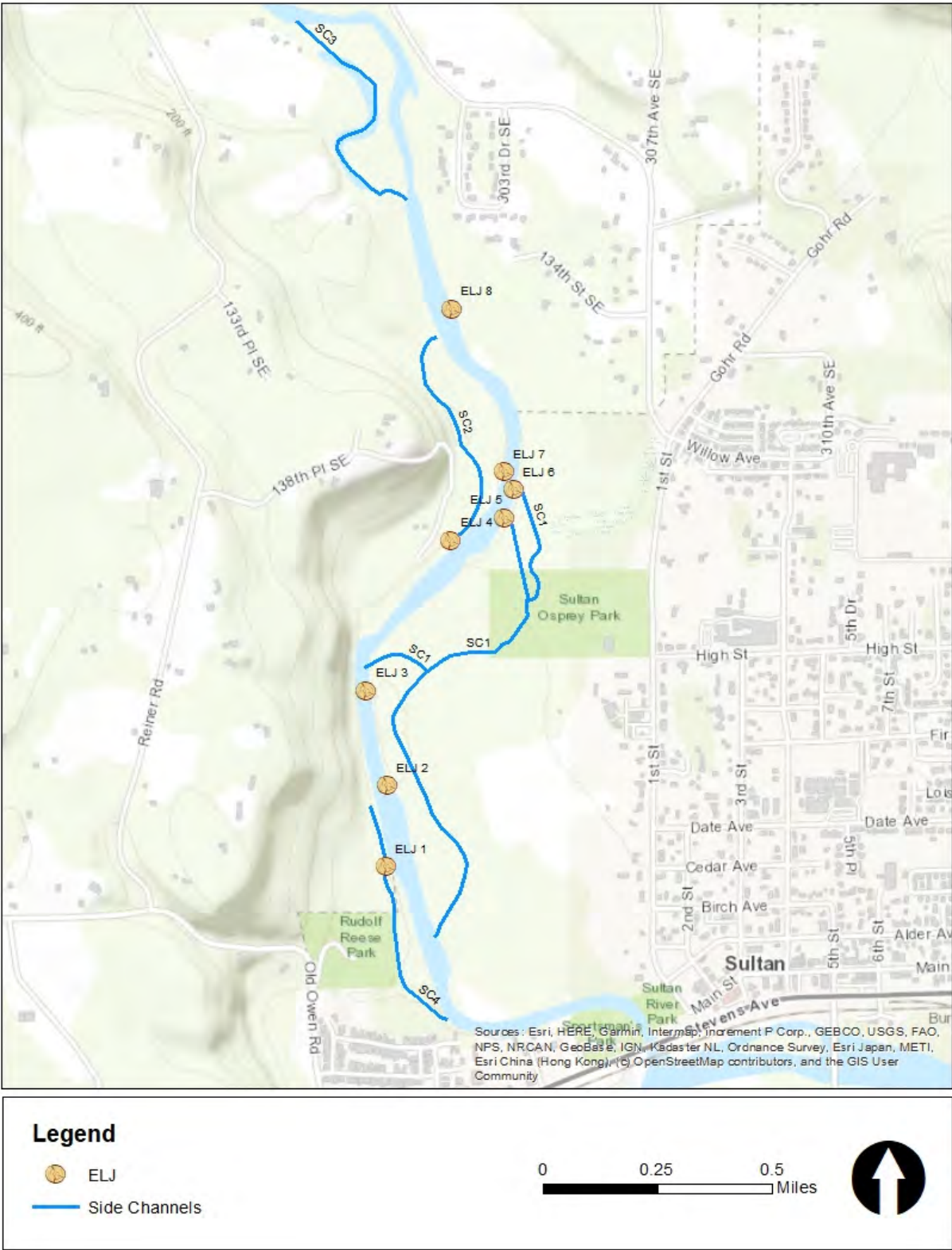


Figure 1. Map of ELJs on Sultan River.

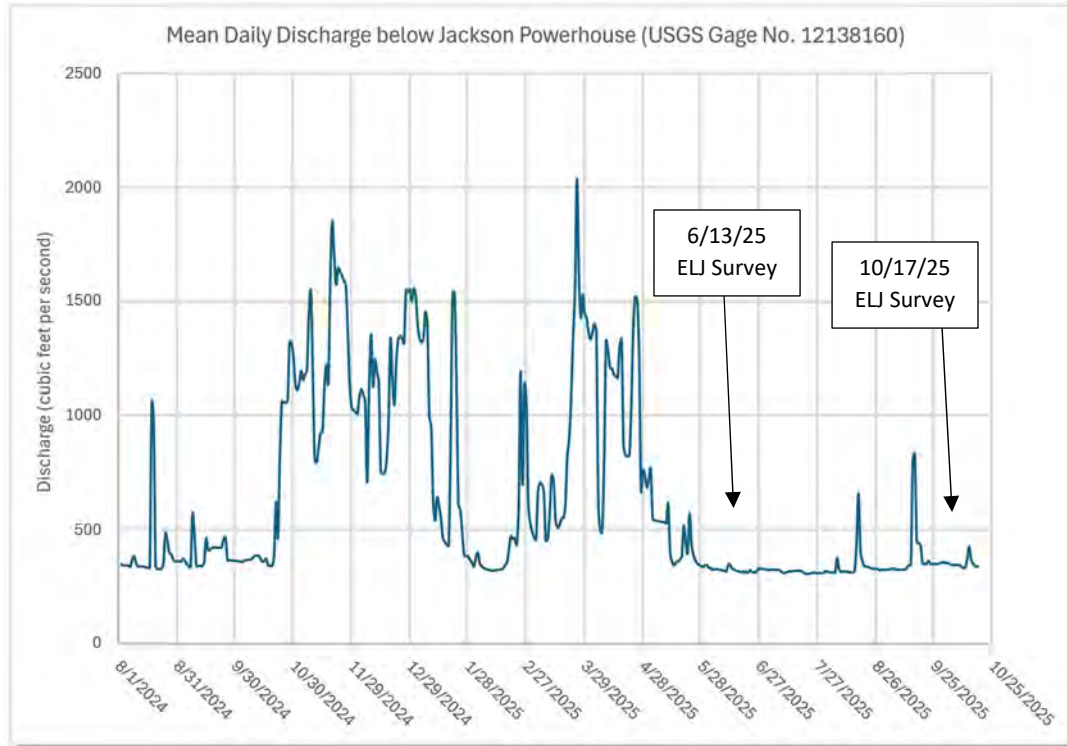


Figure 2. Hydrograph showing ELJ surveys conducted following winter high-flow and summer low-flow periods.



Figure 3. Sign downstream of powerhouse and access sites in the upper river.



Figure 4. Sign upstream of Side Channel 1 inlets.



Figure 5. Sign downstream of the Trout Farm Road Access Site in the lower river.



Figure 6. Sign upstream of ELJ 6.

Reach Evaluation

Since the placement in 2012, no damage to ELJ structures has occurred. To this point, most of the ELJ structures have recruited wood, including large depositions in some cases, such as ELJ 1. Most of the ELJs to date continue to rack additional large woody debris which is a desired outcome. As of this memorandum, all ELJs are functioning as originally designed, and maintaining their interaction with the Sultan River during summer low-flow. The ELJs continue to blend into their landscape with vegetation having recolonized the disturbed areas.

Identification of Maintenance Issue or Concern

The redundant inlet to Side Channel 1, near ELJ 5, experienced significant deposition of gravel in 2020 following high flows. Work to restore function and reconnect the river to this redundant inlet channel occurred during August 2023. In addition to dredging the redundant inlet channel for flow conveyance, the inlet was slightly re-aligned to enhance the connectivity between the main stem Sultan River and the side channel. The new orientation of the inlet continues to improve flow conveyance into the side channel network.

With additional flow anticipated in the redundant inlet, measures to protect an existing pedestrian bridge immediately downstream of the inlet were necessary. To protect the bridge, fifteen wood elements were added to the existing ELJ 5 immediately downstream of the inlet. Seven horizontal members with root wads and eight vertical log members were added to expand the

ELJ further downstream of the inlet on the right bank. The disturbed work site was covered with straw and was planted with native trees, shrubs, and sedges. Frequent inspections of the redundant inlet have occurred since completion of this work, and it continues to function well with improved connectivity to the main stem Sultan River and adequate flow conveyance through Side Channel 1.

ELJ #1	
SPRING AFTER WINTER FLOOD SEASON	LATE SUMMER DURING LOW FLOW
Date Inspected: 6/13/2025 Inspected by: KL, MN	Date Inspected: 10/17/2025 Inspected by: KL, MN
 A photograph showing a calm river or stream with dark water reflecting the surrounding green trees and foliage. The banks are covered in dense vegetation, and the water appears still.	 A photograph showing a river or stream with low water levels. The water is dark and reflects the surrounding trees. There is a large pile of fallen logs and branches in the middle of the stream, partially blocking the flow.
Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage noted, ELJ is prominent, easily detectable, and not in main course of flow.	Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage noted, ELJ is prominent, easily detectable, and not in main course of flow. Beaver activity has been observed at the upstream end of the ELJ.

ELJ #2	
SPRING AFTER WINTER FLOOD SEASON	LATE SUMMER DURING LOW FLOW
Date Inspected: 6/13/2025 Inspected by: KL, MN	Date Inspected: 10/17/2025 Inspected by: KL, MN
 A photograph showing a river with a dense forest on the left bank. The water is calm and reflects the surrounding greenery. A fallen log is visible in the water near the shore.	 A photograph showing a river with a dense forest on the left bank. The water is turbulent and white with foam, indicating a low flow. The trees on the bank have some yellowing leaves, suggesting autumn.
Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No ELJ oriented perpendicular to the flow, and not directly within the main course of flow. No damage noted, ELJ is prominent, and easily detectable.	Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No ELJ oriented perpendicular to the flow, and not directly within the main course of flow. No damage noted, ELJ is prominent, and easily detectable.

ELJ #3	
SPRING AFTER WINTER FLOOD SEASON	LATE SUMMER DURING LOW FLOW
Date Inspected: 6/13/2025 Inspected by: KL, MN	Date Inspected: 10/17/2025 Inspected by: KL, MN
 A photograph showing a riverbank in spring. The water is dark and rippled. The left bank is covered in lush green grass and dense green trees. A large, fallen log lies on the bank near the water's edge.	 A photograph showing a river in late summer. The water is dark and rippled. The banks are covered in trees with some autumn-colored foliage. A large, fallen log lies on the left bank near the water's edge.
Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted ELJ is prominent, easily detectable, and not in main course of flow.	Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted ELJ is prominent, easily detectable, and not in main course of flow.

ELJ #4	
SPRING AFTER WINTER FLOOD SEASON	LATE SUMMER DURING LOW FLOW
Date Inspected: 6/13/2025 Inspected by: KL, MN	Date Inspected: 10/17/2025 Inspected by: KL, MN
 A photograph showing a river with a rocky bed and a dense forest in the background. The water is clear and the surrounding vegetation is green.	 A photograph showing a river with a rocky bed and a dense forest in the background. The water is clear and the surrounding vegetation is green.
Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted ELJ is prominent, easily detectable, and not in main course of flow.	Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted ELJ is prominent, easily detectable, and not in main course of flow.

ELJ #5	
SPRING AFTER WINTER FLOOD SEASON	LATE SUMMER DURING LOW FLOW
Date Inspected: 6/13/2025 Inspected by: KL, MN	Date Inspected: 10/17/2025 Inspected by: KL, MN
 A photograph showing a riverbank with a dense forest of green trees. A fallen log is visible in the water near the shore. The water is calm and reflects the surrounding greenery.	 A photograph showing a riverbank with a dense forest of trees, some with yellowing leaves. A fallen log is visible in the water near the shore. The water is slightly rippled, and the sky is overcast.
Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No. A cottonwood tree that fell in 2023 during a wind event is still present but has not had any observed impact to flow in Side Channel 1. No damage or other changes noted ELJ is prominent, easily detectable, and not in main course of flow.	Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No A cottonwood tree that fell in 2023 during a wind event is still present but has not had any observed impact to flow in Side Channel 1. No damage or other changes noted ELJ is prominent, easily detectable, and not in main course of flow.

ELJ #6	
SPRING AFTER WINTER FLOOD SEASON	LATE SUMMER DURING LOW FLOW
Date Inspected: 6/13/2025 Inspected by: KKL, MN	Date Inspected: 10/17/2025 Inspected by: KL, MN
 A photograph showing a calm river or stream with a large, exposed tree stump and roots in the middle of the flow. The water is still, reflecting the surrounding green foliage and trees on the banks.	 A photograph showing a river or stream with a large, exposed tree stump and roots in the middle of the flow. The water is still, reflecting the surrounding green foliage and trees on the banks.
Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted ELJ is prominent, easily detectable, and not in main course of flow.	Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted ELJ is prominent, easily detectable, and not in main course of flow.

ELJ #7	
SPRING AFTER WINTER FLOOD SEASON	LATE SUMMER DURING LOW FLOW
Date Inspected: 6/13/2025 Inspected by: KL, MN	Date Inspected: 10/17/2025 Inspected by: KL, MN
	
Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted ELJ is prominent, easily detectable, and not in main course of flow.	Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted ELJ is prominent, easily detectable, and not in main course of flow.

ELJ #8	
SPRING AFTER WINTER FLOOD SEASON	LATE SUMMER DURING LOW FLOW
Date Inspected: 6/13/2025 Inspected by: KL, MN	Date Inspected: 10/17/2025 Inspected by: KL, MN
 A photograph of a river or stream in spring, showing calm water reflecting the surrounding green forest. The water is still, and the trees are lush and green.	 A photograph of the same river or stream in late summer, showing low water levels and some ripples on the surface. The trees are more varied in color, including some yellows and browns.
Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted. ELJ is prominent, easily detectable, and not in main course of flow. Signage in place upstream, near Trout Farm Road boat launch remains intact and clearly visible.	Damages and/or changes since last annual survey report (yes or no; if yes, describe and indicate if they pose hazard to safety): No No damage or changes noted. ELJ is prominent, easily detectable, and not in main course of flow. Signage in place upstream, near Trout Farm Road boat launch remains intact and clearly visible.

APPENDIX G

Consultation Documentation Regarding Draft Report

Presler, Dawn

From: Presler, Dawn
Sent: Wednesday, April 15, 2026 7:28 AM
To: Anna Thelen; Anne Baxter; Anne Savery; Applegate, Brock A (DFW); Jeff Garnett; Kathleen Wells; Legare, Kyle; McDonnell, Andrew; Mike Rustay; Nate Morgan; Nobles, Matthew; Pete Verhey; Richard Vacirca; Scott Bohling; Tom O'Keefe
Subject: Jackson Hydro (FERC No. 2157) - draft Fish Habitat & Monitoring Plan for your 30-day review
Attachments: 2025 FHMP Draft Annual Report.pdf

Dear ARC Members,

Attached is the draft Fish and Habitat Monitoring Plan for the Jackson Hydro Project. Please take the next 30 days to review and provide comments, if any, back to me (cc: Kyle) by Friday May 15, 2026. Emails stated no comments or concurrence with the report as written are appreciated too! If you have any questions regarding the report, please do not hesitate to contact Kyle directly.

Cheers,

Dawn Presler, MSIM MSSM (she/her)

Lead – Environmental & Licensing Compliance
Natural Resources, Generation | Snohomish PUD

O: 425-783-1709 | **C:** 425-725-0745

2320 California Street, Everett WA 98201

www.snopud.com



Note: Emails and attachments sent to and from the PUD are public records and may be subject to disclosure.

Presler, Dawn

From: Anne Savery <asavery@tulaliptribes-nsn.gov>
Sent: Monday, May 18, 2026 12:40 PM
To: Presler, Dawn; Anna Thelen; Anne Baxter; Applegate, Brock A (DFW); Jeff Garnett; Kathleen Wells; Legare, Kyle; McDonnell, Andrew; Rustay, Michael; Nate Morgan; Nobles, Matthew; Pete Verhey; Richard Vacirca; Scott Bohling; Tom O'Keefe
Subject: [External Sender] Re: Jackson Hydro (FERC No. 2157) - draft Fish Habitat & Monitoring Plan for your 30-day review

CAUTION: THIS EMAIL IS FROM AN EXTERNAL SENDER.

Do not click on links or open attachments if the sender is unknown or the email is suspect.

Tulalip has no comments on the FHM plan.

Thanks

Anne Savery

From: Presler, Dawn <DJPresler@SNOPUD.com>
Sent: Wednesday, April 15, 2026 7:27 AM
To: Anna Thelen <ATHelen@everettwa.gov>; Anne Baxter <abax461@ecy.wa.gov>; Anne Savery <asavery@tulaliptribes-nsn.gov>; Applegate, Brock A (DFW) <brock.applegate@dfw.wa.gov>; Jeff Garnett <Jeffrey_Garnett@fws.gov>; Kathleen Wells <kathleen.wells@noaa.gov>; Legare, Kyle <KJLegare@Sнопud.com>; McDonnell, Andrew <AWMcDonnell@SNOPUD.com>; Rustay, Michael <mike.rustay@co.snohomish.wa.us>; Nate Morgan <nate.morgan@ci.sultan.wa.us>; Nobles, Matthew <MDNobles@SNOPUD.com>; Pete Verhey <peter.verhey@dfw.wa.gov>; Richard Vacirca <richard.vacirca@usda.gov>; Scott Bohling <sboh461@ecy.wa.gov>; Tom O'Keefe <okeefe@americanwhitewater.org>
Subject: Jackson Hydro (FERC No. 2157) - draft Fish Habitat & Monitoring Plan for your 30-day review

Dear ARC Members,

Attached is the draft Fish and Habitat Monitoring Plan for the Jackson Hydro Project. Please take the next 30 days to review and provide comments, if any, back to me (cc: Kyle) by Friday May 15, 2026. Emails stated no comments or concurrence with the report as written are appreciated too! If you have any questions regarding the report, please do not hesitate to contact Kyle directly.

Cheers,

Dawn Presler, MSIM MSSM (she/her)

Lead – Environmental & Licensing Compliance
Natural Resources, Generation | Snohomish PUD

O: 425-783-1709 | **C:** 425-725-0745

2320 California Street, Everett WA 98201

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Presler, Dawn

From: Applegate, Brock A (DFW) <Brock.Applegate@dfw.wa.gov>
Sent: Wednesday, May 13, 2026 10:48 AM
To: Presler, Dawn; Anna Thelen; Baxter, Anne (ECY); Anne Savery; Jeff Garnett; Kathleen Wells; Legare, Kyle; McDonnell, Andrew; Mike Rustay; Nate Morgan; Nobles, Matthew; Verhey, Peter A (DFW); Richard Vacirca; Bohling, Scott (ECY); Tom O'Keefe
Subject: [External Sender] FW: Jackson Hydro (FERC No. 2157) - draft Fish Habitat & Monitoring Plan for your 30-day review
Attachments: 2025 FHMP Draft Annual Report.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION: THIS EMAIL IS FROM AN EXTERNAL SENDER.

Do not click on links or open attachments if the sender is unknown or the email is suspect.

Hi Dawn, WDFW has reviewed the Fish Habitat and Monitoring Plan Annual Report. We did not have any comments after our review. We thank you for the continuing collaboration on the Jackson Hydroelectric Project.

Sincerely, Brock

Brock Applegate
Northwest Washington Hydropower Coordinator
Washington Department of Fish and Wildlife
P.O. Box 38
Stanwood, WA 98292

(360) 466-9245

From: Presler, Dawn <DJPresler@SNOPUD.com>
Sent: Wednesday, April 15, 2026 7:28 AM
To: Anna Thelen <ATHelen@everettwa.gov>; Baxter, Anne (ECY) <abax461@ECY.WA.GOV>; Anne Savery <asavery@tulaliptribes-nsn.gov>; Applegate, Brock A (DFW) <Brock.Applegate@dfw.wa.gov>; Jeff Garnett <Jeffrey_Garnett@fws.gov>; Kathleen Wells <kathleen.wells@noaa.gov>; Legare, Kyle <KJLegare@Snopud.com>; McDonnell, Andrew <AWMcDonnell@SNOPUD.com>; Mike Rustay <mike.rustay@co.snohomish.wa.us>; Nate Morgan <nate.morgan@ci.sultan.wa.us>; Nobles, Matthew <MDNobles@SNOPUD.com>; Verhey, Peter A (DFW) <Peter.Verhey@dfw.wa.gov>; Richard Vacirca <richard.vacirca@usda.gov>; Bohling, Scott (ECY) <sboh461@ECY.WA.GOV>; Tom O'Keefe <okeefe@americanwhitewater.org>
Subject: Jackson Hydro (FERC No. 2157) - draft Fish Habitat & Monitoring Plan for your 30-day review

External Email

Dear ARC Members,

Attached is the draft Fish and Habitat Monitoring Plan for the Jackson Hydro Project. Please take the next 30 days to review and provide comments, if any, back to me (cc: Kyle) by Friday May 15, 2026. Emails stated no comments or concurrence with the report as written are appreciated too! If you have any questions regarding the report, please do not hesitate to contact Kyle directly.

Cheers,

Dawn Presler, MSIM MSSM *(she/her)*

Lead – Environmental & Licensing Compliance

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CERTIFICATE OF SERVICE

I hereby certify that I have this day served via e-mail a copy of the foregoing filing upon each person of the Jackson Hydroelectric Project's Aquatic Resource Committee. Dated at Everett, WA, this June 11, 2026.

/s/ Dawn J. Presler

Dawn J. Presler
Lead – License & Environmental
Compliance
Public Utility District No. 1 of Snohomish
County
2320 California Street
PO Box 1107
Everett, WA 98206-1107
Telephone: (425) 783-1709
Cell: (425) 725-0745

From: [Presler, Dawn](#)
To: [Anna Thelen](#); [Anne Baxter](#); [Anne Savery](#); [Applegate, Brock A \(DFW\)](#); [Jeff Garnett](#); [Kathleen Wells](#); [Legare, Kyle](#); [McDonnell, Andrew](#); [Mike Rustay](#); [Nate Morgan](#); [Nobles, Matthew](#); [Pete Verhey](#); [Richard Vacirca](#); [Scott Bohling](#); [Tom O'Keefe](#)
Subject: Jackson Hydro (FERC No. 2157) - cc Fish & Habitat Monitoring 2025 Annual Report
Date: Thursday, June 11, 2026 7:41:00 AM
Attachments: [20260611 to FERC FHMP 2025 Annual Report.pdf](#)
[image001.png](#)

Dear ARC,

Attached is your cc: of the Fish & Habitat Monitoring 2025 Annual Report for the Jackson Hydro Project that I will be e-filing with FERC this morning. Thanks for your continued support and input into the project.

Cheers,

Dawn Presler, MSIM MSSM *(she/her)*

Lead – Environmental & Licensing Compliance
Natural Resources, Generation | Snohomish PUD

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