

**Bear River Hydroelectric Project
FERC No. 20**

**Oneida Development
Water Year 2004 Operations Report**



Prepared for:

Idaho Department of Environmental Quality

Prepared by:

PacifiCorp

November 15, 2004

1.0 INTRODUCTION

This report fulfills the requirements of paragraph 4 of the 401 Water Quality Certification dated 23 June 2003 and Appendix A of the FERC license for FERC Project No. 20 issued 22 December 2003. We describe the operations of the Oneida development for water year 2004. The precise requirements are:

“At the November meeting of the Bear River Commission, PacifiCorp shall provide IDEQ a report for the preceding water year that describes PacifiCorp’s operation of the Oneida Project. The report shall set forth a record showing the times during the preceding water year when PacifiCorp released water for power production, flood control, irrigation delivery, facility maintenance or for other reasons. The annual report shall be delivered to IDEQ each year during the term of the New License.”

This report is being provided with information for the entire year, even though not all of the provisions of the new FERC license are currently in effect. The content and scope of this report is intended to be representative of future reports (required annually).

2.0 RESERVOIR INFLOW CONDITIONS

Water year 2004 continues the long drought, with greatly reduced total volumetric inflow to the development over the year due to the reduced irrigation allocation of Bear Lake storage water. However, warm temperatures in March caused early runoff that equaled recent averages in late March (see Figure 1). Also, an extreme rainfall event on 29 May (Figure 2) resulted in large flows to the Oneida reservoir for a short period of time, easing irrigation use of Bear Lake storage water. However, for the remainder of the year inflows were much less than in recent years.

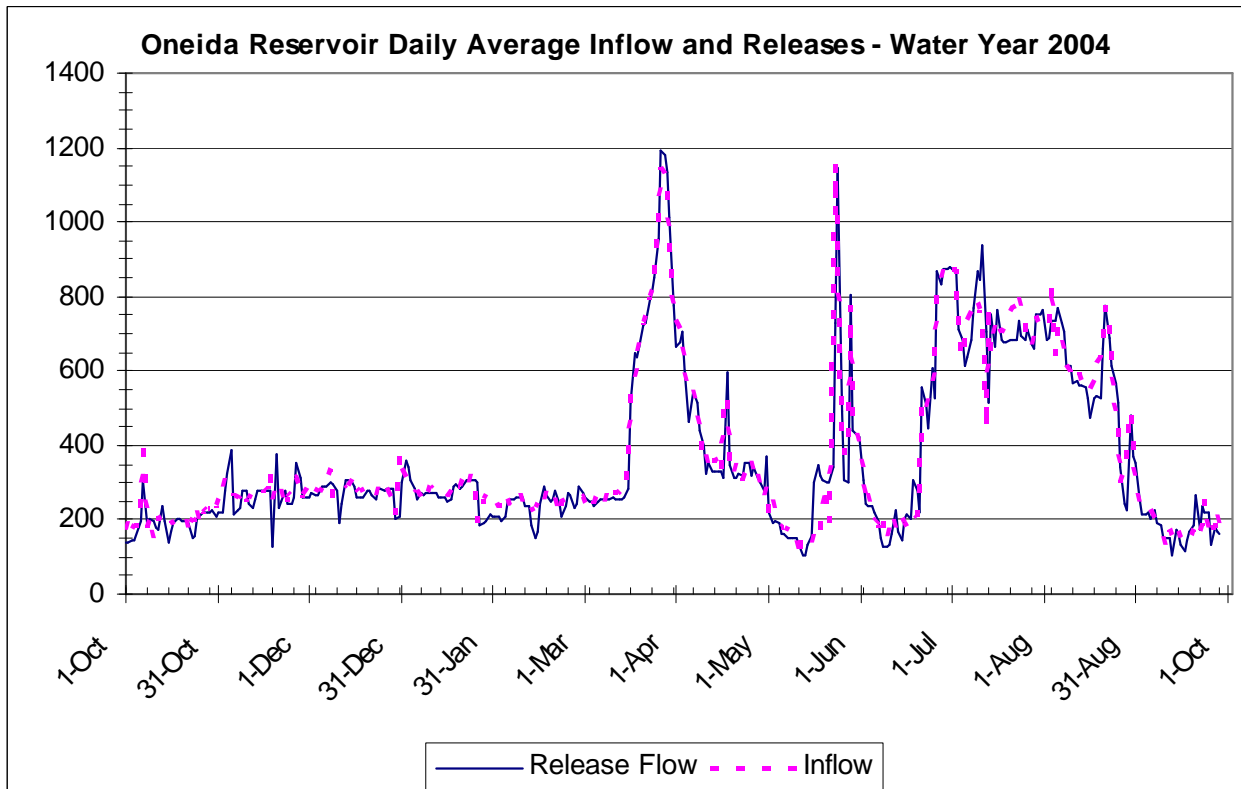


Figure 1. Daily average reservoir inflow and releases (all made as power flow releases). Flows are in cubic feet per second (CFS).

MM Quantitative Precipitation Estimate (QPF)

Colorado Basin River Forecast Center

05/29/2004 GMT

Legend

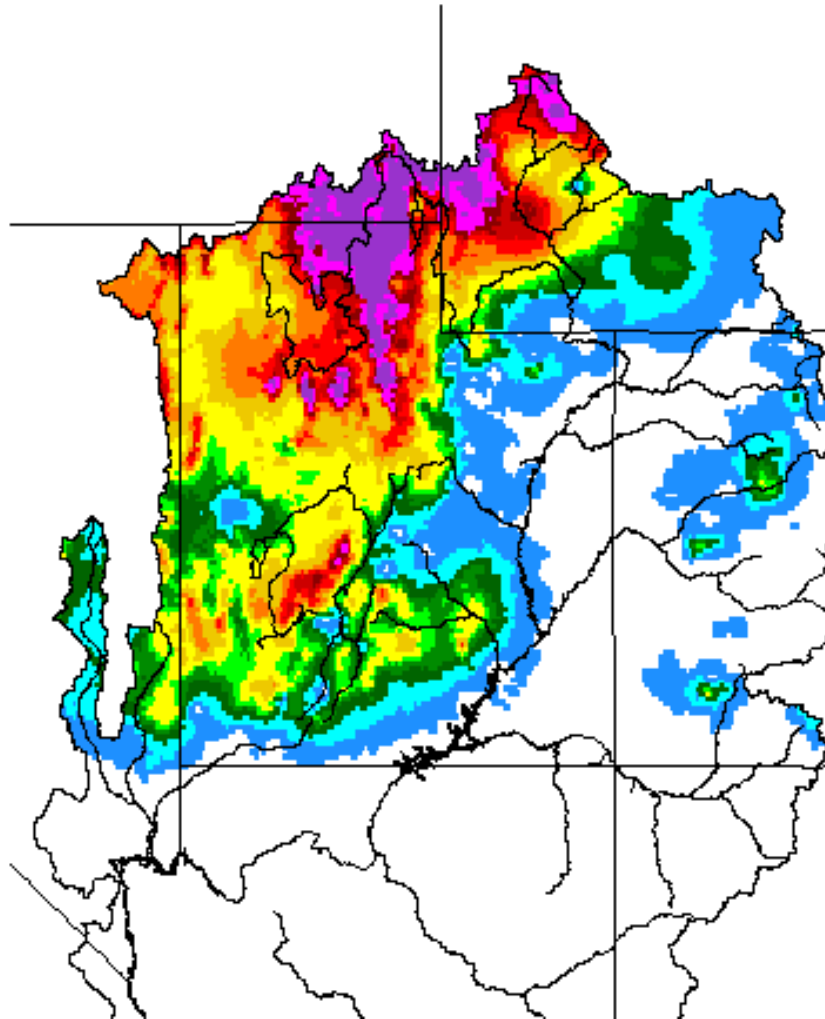
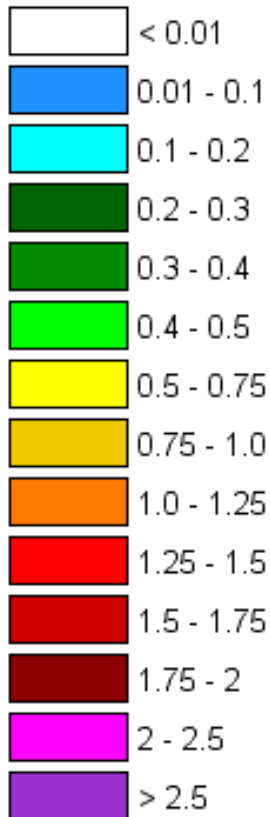


Figure 2. Daily total precipitation estimate (in inches) for 29 May 2004 (source: Colorado Basin River Forecast Center).

3.0 RESERVOIR INFLOW, RELEASES AND ELEVATION

Reservoir releases were made to pass inflow for power generation and for downstream irrigation demand (Figure 1). The changes in reservoir storage (dips in Figure 3) were made to keep the Bear River “in balance”. The dip in reservoir level in late January was due to decreasing inflow while outflow remained at previous levels. After the inflow stabilized at the new lower rate, outflows were modified accordingly. The other dips in reservoir level in May and July were due to reservoir releases to meet downstream irrigation demand which were subsequently replenished by Bear Lake storage water.

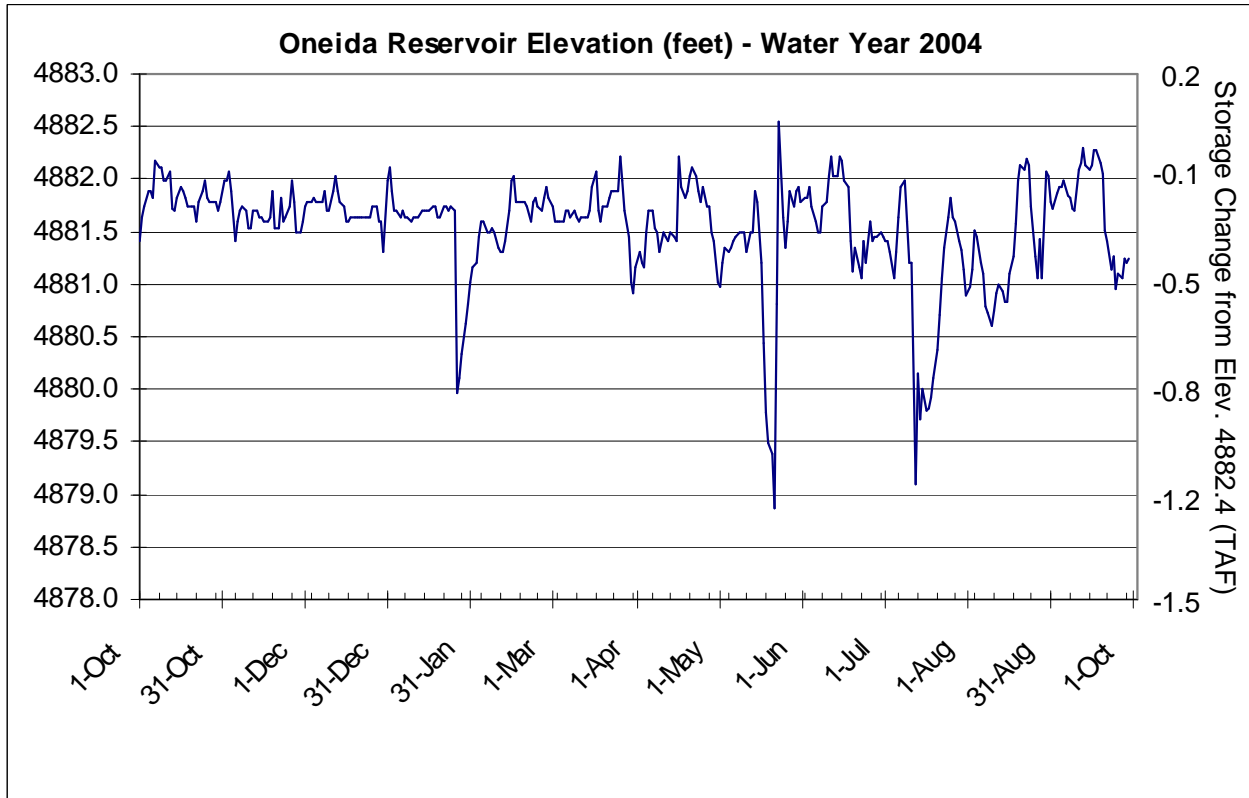


Figure 3. Oneida reservoir elevations. Elevations are in feet above mean sea level. The Y-axis on the right indicates the volume of water relative to the volume at 4882.4 in thousands of acre-feet.

4.0 DAILY FLUCTUATIONS

Daily fluctuations are summarized by presenting plots and tables of statistics of daily stage values that are recorded every 15-minutes. The statistics used are average, maximum, and minimum. This is a concise way of showing and explaining the daily fluctuations. Figures 4 and 5 show the average stage for a day as a black square with a line spanning the range from the minimum to the maximum. This format reveals cases where changes are made that span over two days causing an apparent wide fluctuation, when in fact it is a one-time adjustment to changing inflow or irrigation demand conditions. For example, from May 23rd to 24th, flows into the reservoir increased, so outflow was released accordingly. The top of the line for the 23rd (maximum stage) is the same as the bottom of the line for the 24th (minimum stage). In some cases an outage causes a reduction in flow on one day and flows are restored on the next day (e.g., July 10-11), this shows up as two days with the same minimum stage value. When restored quickly, the average stage is still relatively high (as in the July 10-11 case).

Appendix A provides the record of purpose for reservoir releases on a daily time scale.

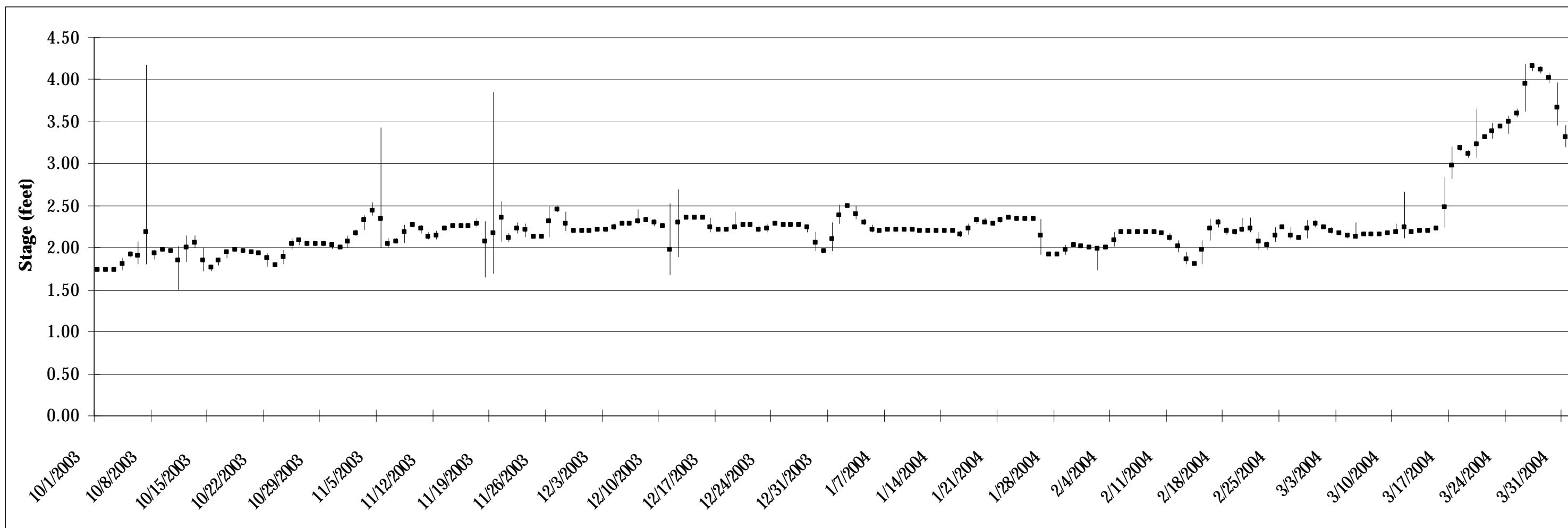


Figure 4. October – March 2004 daily average, maximum and minimum stage at gauge below Oneida.

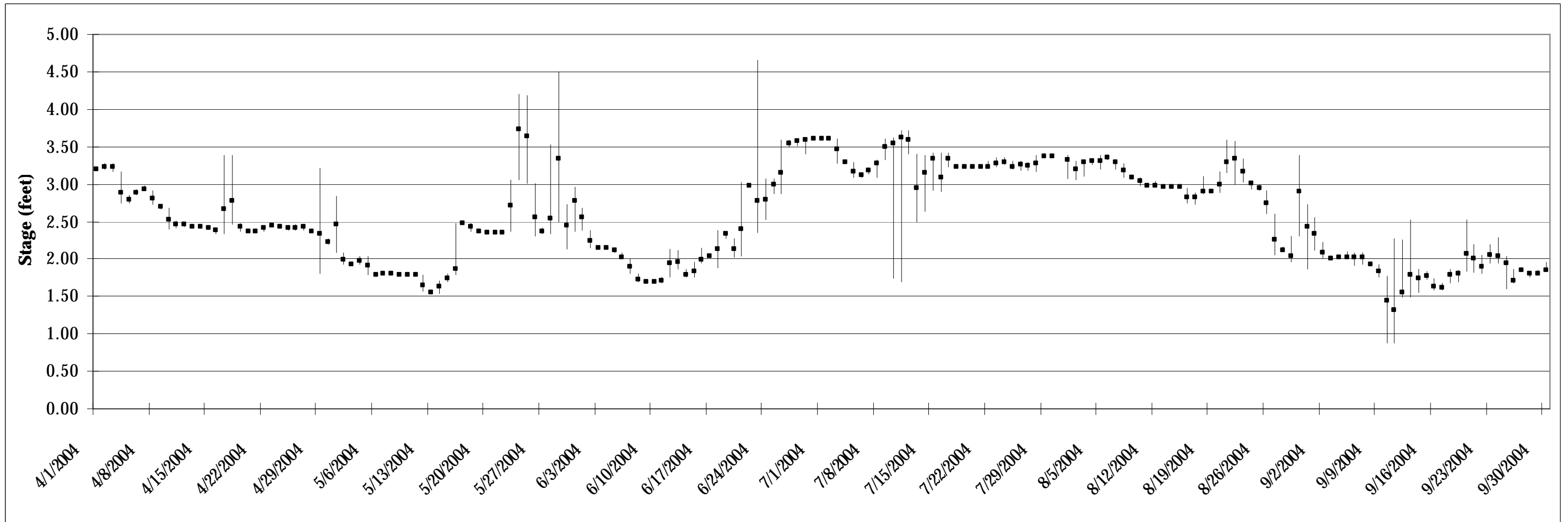


Figure 5. April –September 2004 daily average, maximum and minimum stage at gauge below Oneida.

Appendix A. Record of Water Releases

Date	Max Of Stage	Min Of Stage	Avg Of Stage	Primary Reason for Water Release
10/1/2003	1.74	1.74	1.74	Power production
10/2/2003	1.74	1.74	1.74	Power production
10/3/2003	1.74	1.74	1.74	Power production
10/4/2003	1.88	1.74	1.80	Power production
10/5/2003	1.96	1.88	1.92	Power production
10/6/2003	2.07	1.80	1.90	Power production
10/7/2003	4.18	1.80	2.18	Power production - passing excess storage
10/8/2003	1.97	1.86	1.93	Power production
10/9/2003	1.98	1.96	1.97	Power production
10/10/2003	1.97	1.95	1.96	Power production
10/11/2003	2.02	1.49	1.85	Power production
10/12/2003	2.15	1.83	2.00	Power production
10/13/2003	2.15	2.00	2.06	Power production
10/14/2003	2.00	1.72	1.85	Power production
10/15/2003	1.79	1.72	1.76	Power production
10/16/2003	1.88	1.79	1.85	Power production
10/17/2003	1.97	1.88	1.94	Power production
10/18/2003	1.98	1.97	1.98	Power production
10/19/2003	1.98	1.95	1.96	Power production
10/20/2003	1.95	1.93	1.94	Power production
10/21/2003	1.93	1.92	1.93	Power production
10/22/2003	1.93	1.78	1.87	Power production
10/23/2003	1.80	1.78	1.79	Power production
10/24/2003	1.98	1.80	1.89	Power production
10/25/2003	2.11	1.97	2.05	Power production
10/26/2003	2.11	2.03	2.08	Power production
10/27/2003	2.05	2.05	2.05	Power production
10/28/2003	2.05	2.05	2.05	Power production
10/29/2003	2.05	2.05	2.05	Power production
10/30/2003	2.05	1.99	2.03	Power production
10/31/2003	2.01	1.99	2.00	Power production
11/1/2003	2.15	2.00	2.08	Power production
11/2/2003	2.22	2.14	2.17	Power production
11/3/2003	2.39	2.21	2.32	Power production
11/4/2003	2.54	2.38	2.44	Power production
11/5/2003	3.43	2.01	2.34	Power production
11/6/2003	2.11	2.01	2.05	Power production
11/7/2003	2.11	2.06	2.08	Power production
11/8/2003	2.27	2.06	2.18	Power production
11/9/2003	2.27	2.26	2.27	Power production
11/10/2003	2.27	2.17	2.22	Power production
11/11/2003	2.18	2.10	2.13	Power production

Date	Max Of Stage	Min Of Stage	Avg Of Stage	Primary Reason for Water Release
11/12/2003	2.20	2.10	2.14	Power production
11/13/2003	2.26	2.20	2.23	Power production
11/14/2003	2.26	2.26	2.26	Power production
11/15/2003	2.26	2.26	2.26	Power production
11/16/2003	2.26	2.25	2.26	Power production
11/17/2003	2.36	2.25	2.28	Power production
11/18/2003	2.31	1.65	2.07	Maintenance outage
11/19/2003	3.85	1.69	2.18	Maintenance outage
11/20/2003	2.56	2.08	2.35	Power production
11/21/2003	2.17	2.08	2.11	Power production
11/22/2003	2.30	2.17	2.22	Power production
11/23/2003	2.29	2.13	2.22	Power production
11/24/2003	2.13	2.13	2.13	Power production
11/25/2003	2.13	2.13	2.13	Power production
11/26/2003	2.50	2.13	2.32	Power production
11/27/2003	2.49	2.42	2.45	Power production
11/28/2003	2.42	2.20	2.29	Power production
11/29/2003	2.20	2.20	2.20	Power production
11/30/2003	2.20	2.20	2.20	Power production
12/1/2003	2.22	2.19	2.20	Power production
12/2/2003	2.22	2.22	2.22	Power production
12/3/2003	2.22	2.21	2.21	Power production
12/4/2003	2.29	2.21	2.24	Power production
12/5/2003	2.29	2.28	2.29	Power production
12/6/2003	2.29	2.28	2.29	Power production
12/7/2003	2.45	2.28	2.31	Power production
12/8/2003	2.34	2.33	2.33	Power production
12/9/2003	2.34	2.26	2.30	Power production
12/10/2003	2.27	2.26	2.26	Power production
12/11/2003	2.52	1.68	1.98	Power production
12/12/2003	2.70	1.89	2.31	Power production
12/13/2003	2.36	2.35	2.36	Power production
12/14/2003	2.36	2.35	2.35	Power production
12/15/2003	2.35	2.35	2.35	Power production
12/16/2003	2.35	2.19	2.25	Power production
12/17/2003	2.21	2.21	2.21	Power production
12/18/2003	2.21	2.21	2.21	Power production
12/19/2003	2.42	2.21	2.24	Power production
12/20/2003	2.27	2.27	2.27	Power production
12/21/2003	2.27	2.26	2.27	Power production
12/22/2003	2.27	2.19	2.22	Power production
12/23/2003	2.29	2.19	2.24	Power production
12/24/2003	2.29	2.27	2.28	Power production
12/25/2003	2.28	2.27	2.27	Power production

Date	Max Of Stage	Min Of Stage	Avg Of Stage	Primary Reason for Water Release
12/26/2003	2.28	2.27	2.27	Power production
12/27/2003	2.27	2.27	2.27	Power production
12/28/2003	2.27	2.19	2.24	Power production
12/29/2003	2.19	1.96	2.06	Power production
12/30/2003	1.97	1.96	1.96	Power production
12/31/2003	2.30	1.96	2.10	Power production
1/1/2004	2.51	2.29	2.39	Power production
1/2/2004	2.50	2.49	2.50	Power production
1/3/2004	2.49	2.34	2.40	Power production
1/4/2004	2.34	2.27	2.30	Power production
1/5/2004	2.27	2.19	2.22	Power production
1/6/2004	2.22	2.19	2.20	Power production
1/7/2004	2.23	2.22	2.22	Power production
1/8/2004	2.23	2.21	2.22	Power production
1/9/2004	2.21	2.21	2.21	Power production
1/10/2004	2.21	2.20	2.21	Power production
1/11/2004	2.21	2.20	2.20	Power production
1/12/2004	2.20	2.20	2.20	Power production
1/13/2004	2.20	2.20	2.20	Power production
1/14/2004	2.20	2.20	2.20	Power production
1/15/2004	2.20	2.20	2.20	Power production
1/16/2004	2.20	2.13	2.17	Power production
1/17/2004	2.29	2.16	2.23	Power production
1/18/2004	2.36	2.29	2.33	Power production
1/19/2004	2.35	2.28	2.30	Power production
1/20/2004	2.30	2.28	2.29	Power production
1/21/2004	2.36	2.30	2.33	Power production
1/22/2004	2.36	2.34	2.35	Power production
1/23/2004	2.34	2.34	2.34	Power production
1/24/2004	2.34	2.34	2.34	Power production
1/25/2004	2.34	2.33	2.34	Power production
1/26/2004	2.34	1.92	2.14	Power production
1/27/2004	1.93	1.92	1.92	Power production
1/28/2004	1.93	1.92	1.92	Power production
1/29/2004	2.03	1.92	1.97	Power production
1/30/2004	2.03	2.02	2.02	Power production
1/31/2004	2.02	2.01	2.02	Power production
2/1/2004	2.01	2.01	2.01	Power production
2/2/2004	2.01	1.73	1.99	Power production
2/3/2004	2.03	1.96	2.00	Power production
2/4/2004	2.18	2.02	2.09	Power production
2/5/2004	2.18	2.17	2.18	Power production
2/6/2004	2.19	2.18	2.18	Power production
2/7/2004	2.18	2.18	2.18	Power production

Date	Max Of Stage	Min Of Stage	Avg Of Stage	Primary Reason for Water Release
2/8/2004	2.18	2.18	2.18	Power production
2/9/2004	2.18	2.18	2.18	Power production
2/10/2004	2.18	2.16	2.17	Power production
2/11/2004	2.17	2.09	2.11	Power production
2/12/2004	2.09	1.94	2.01	Power production
2/13/2004	1.94	1.80	1.87	Power production
2/14/2004	1.80	1.80	1.80	Power production
2/15/2004	2.09	1.80	1.97	Power production
2/16/2004	2.34	2.09	2.23	Power production
2/17/2004	2.34	2.24	2.30	Power production
2/18/2004	2.24	2.16	2.20	Power production
2/19/2004	2.19	2.16	2.18	Power production
2/20/2004	2.35	2.19	2.22	Power production
2/21/2004	2.36	2.18	2.24	Power production
2/22/2004	2.18	1.97	2.08	Power production
2/23/2004	2.07	1.97	2.03	Power production
2/24/2004	2.25	2.07	2.14	Power production
2/25/2004	2.25	2.23	2.24	Power production
2/26/2004	2.24	2.10	2.14	Power production
2/27/2004	2.12	2.10	2.11	Power production
2/28/2004	2.33	2.12	2.23	Power production
2/29/2004	2.33	2.24	2.29	Power production
3/1/2004	2.27	2.24	2.25	Power production
3/2/2004	2.24	2.17	2.20	Power production
3/3/2004	2.17	2.17	2.17	Power production
3/4/2004	2.17	2.11	2.14	Power production
3/5/2004	2.30	2.11	2.13	Power production
3/6/2004	2.17	2.14	2.15	Power production
3/7/2004	2.17	2.16	2.16	Power production
3/8/2004	2.17	2.16	2.16	Power production
3/9/2004	2.17	2.16	2.17	Power production
3/10/2004	2.28	2.17	2.19	Power production
3/11/2004	2.67	2.12	2.24	Power production
3/12/2004	2.20	2.18	2.19	Power production
3/13/2004	2.20	2.20	2.20	Power production
3/14/2004	2.21	2.20	2.20	Power production
3/15/2004	2.26	2.21	2.23	Power production
3/16/2004	2.83	2.25	2.49	Power production
3/17/2004	3.20	2.82	2.98	Power production
3/18/2004	3.21	3.16	3.19	Power production
3/19/2004	3.16	3.08	3.12	Power production
3/20/2004	3.66	3.08	3.23	Power production
3/21/2004	3.32	3.30	3.31	Power production
3/22/2004	3.49	3.30	3.38	Power production

Date	Max Of Stage	Min Of Stage	Avg Of Stage	Primary Reason for Water Release
3/23/2004	3.45	3.44	3.44	Power production
3/24/2004	3.57	3.36	3.50	Power production
3/25/2004	3.65	3.55	3.59	Power production
3/26/2004	4.19	3.63	3.96	Power production
3/27/2004	4.19	4.11	4.16	Power production
3/28/2004	4.16	4.08	4.12	Power production
3/29/2004	4.08	3.97	4.03	Power production
3/30/2004	3.97	3.45	3.67	Power production
3/31/2004	3.45	3.20	3.31	Power production
4/1/2004	3.20	3.19	3.20	Power production
4/2/2004	3.28	3.19	3.24	Power production
4/3/2004	3.28	3.16	3.22	Power production
4/4/2004	3.16	2.75	2.88	Power production
4/5/2004	2.86	2.75	2.79	Power production
4/6/2004	2.93	2.86	2.89	Power production
4/7/2004	2.98	2.91	2.93	Power production
4/8/2004	2.91	2.73	2.81	Power production
4/9/2004	2.73	2.67	2.69	Power production
4/10/2004	2.68	2.40	2.52	Power production
4/11/2004	2.51	2.41	2.45	Power production
4/12/2004	2.50	2.43	2.47	Power production
4/13/2004	2.43	2.42	2.43	Power production
4/14/2004	2.43	2.42	2.42	Power production
4/15/2004	2.42	2.42	2.42	Power production
4/16/2004	2.42	2.33	2.39	Power production
4/17/2004	3.38	2.33	2.67	Power production
4/18/2004	3.38	2.46	2.78	Power production
4/19/2004	2.47	2.37	2.42	Power production
4/20/2004	2.37	2.37	2.37	Power production
4/21/2004	2.40	2.37	2.37	Power production
4/22/2004	2.43	2.37	2.41	Power production
4/23/2004	2.46	2.43	2.44	Power production
4/24/2004	2.44	2.43	2.43	Power production
4/25/2004	2.43	2.39	2.41	Power production
4/26/2004	2.46	2.38	2.42	Power production
4/27/2004	2.46	2.38	2.42	Power production
4/28/2004	2.38	2.37	2.37	Power production
4/29/2004	3.21	1.80	2.33	Power production
4/30/2004	2.28	2.19	2.23	Power production
5/1/2004	2.83	2.09	2.47	Power production
5/2/2004	2.09	1.93	2.00	Power production
5/3/2004	1.93	1.92	1.92	Power production
5/4/2004	2.03	1.93	1.97	Power production
5/5/2004	2.03	1.79	1.91	Power production

Date	Max Of Stage	Min Of Stage	Avg Of Stage	Primary Reason for Water Release
5/6/2004	1.79	1.79	1.79	Power production
5/7/2004	1.80	1.79	1.80	Power production
5/8/2004	1.80	1.79	1.80	Power production
5/9/2004	1.79	1.79	1.79	Power production
5/10/2004	1.79	1.79	1.79	Power production
5/11/2004	1.79	1.78	1.78	Power production
5/12/2004	1.78	1.57	1.64	Power production
5/13/2004	1.58	1.53	1.55	Power production
5/14/2004	1.71	1.53	1.64	Power production
5/15/2004	1.80	1.70	1.74	Power production
5/16/2004	2.48	1.79	1.87	Power production
5/17/2004	2.47	2.46	2.47	Irrigation delivery
5/18/2004	2.47	2.37	2.43	Irrigation delivery
5/19/2004	2.37	2.35	2.36	Irrigation delivery
5/20/2004	2.36	2.35	2.35	Irrigation delivery
5/21/2004	2.36	2.35	2.35	Irrigation delivery
5/22/2004	2.36	2.35	2.35	Irrigation delivery
5/23/2004	3.06	2.36	2.72	Irrigation delivery
5/24/2004	4.20	3.06	3.73	Irrigation delivery
5/25/2004	4.19	3.01	3.64	Irrigation delivery
5/26/2004	3.01	2.31	2.55	Irrigation delivery
5/27/2004	2.41	2.34	2.36	Irrigation delivery
5/28/2004	3.52	2.34	2.54	Irrigation delivery
5/29/2004	4.50	2.50	3.35	Irrigation delivery - Passing large inflow due to rainstorm
5/30/2004	2.73	2.13	2.45	Irrigation delivery
5/31/2004	2.96	2.36	2.78	Irrigation delivery
6/1/2004	2.68	2.39	2.55	Irrigation delivery
6/2/2004	2.39	2.14	2.24	Irrigation delivery
6/3/2004	2.15	2.14	2.14	Irrigation delivery
6/4/2004	2.14	2.14	2.14	Irrigation delivery
6/5/2004	2.14	2.08	2.12	Irrigation delivery
6/6/2004	2.08	2.00	2.03	Irrigation delivery
6/7/2004	2.00	1.80	1.90	Irrigation delivery
6/8/2004	1.80	1.69	1.73	Irrigation delivery
6/9/2004	1.70	1.69	1.69	Irrigation delivery
6/10/2004	1.71	1.69	1.70	Irrigation delivery
6/11/2004	1.75	1.68	1.71	Irrigation delivery
6/12/2004	2.13	1.75	1.95	Irrigation delivery
6/13/2004	2.12	1.87	1.96	Irrigation delivery
6/14/2004	1.87	1.75	1.78	Irrigation delivery
6/15/2004	1.96	1.75	1.83	Irrigation delivery
6/16/2004	2.14	1.95	1.99	Irrigation delivery
6/17/2004	2.05	2.04	2.04	Irrigation delivery
6/18/2004	2.39	1.88	2.14	Irrigation delivery

Date	Max Of Stage	Min Of Stage	Avg Of Stage	Primary Reason for Water Release
6/19/2004	2.36	2.28	2.33	Irrigation delivery
6/20/2004	2.28	2.02	2.13	Irrigation delivery
6/21/2004	3.02	2.03	2.39	Irrigation delivery
6/22/2004	3.01	2.96	2.98	Irrigation delivery
6/23/2004	4.66	2.35	2.78	Power production - spinning reserve called out
6/24/2004	3.07	2.53	2.79	Irrigation delivery
6/25/2004	3.07	2.87	2.99	Irrigation delivery
6/26/2004	3.59	2.87	3.14	Irrigation delivery
6/27/2004	3.59	3.50	3.55	Irrigation delivery
6/28/2004	3.61	3.51	3.57	Irrigation delivery
6/29/2004	3.60	3.40	3.58	Irrigation delivery
6/30/2004	3.60	3.59	3.60	Irrigation delivery
7/1/2004	3.60	3.59	3.60	Irrigation delivery
7/2/2004	3.60	3.60	3.60	Irrigation delivery
7/3/2004	3.60	3.28	3.47	Irrigation delivery
7/4/2004	3.31	3.29	3.29	Irrigation delivery
7/5/2004	3.29	3.09	3.17	Irrigation delivery
7/6/2004	3.13	3.09	3.11	Irrigation delivery
7/7/2004	3.22	3.13	3.18	Irrigation delivery
7/8/2004	3.33	3.09	3.28	Irrigation delivery
7/9/2004	3.61	3.33	3.49	Irrigation delivery
7/10/2004	3.62	1.74	3.55	Outage, station service tripped, reducing flow
7/11/2004	3.71	1.70	3.62	Outage, station service restored increased flows to previous level.
7/12/2004	3.71	3.40	3.60	Irrigation delivery
7/13/2004	3.40	2.49	2.95	Irrigation delivery
7/14/2004	3.38	2.63	3.15	Irrigation delivery
7/15/2004	3.41	2.91	3.34	Irrigation delivery
7/16/2004	3.42	2.90	3.09	Irrigation delivery
7/17/2004	3.42	3.23	3.35	Irrigation delivery
7/18/2004	3.24	3.23	3.23	Irrigation delivery
7/19/2004	3.23	3.23	3.23	Irrigation delivery
7/20/2004	3.23	3.22	3.23	Irrigation delivery
7/21/2004	3.23	3.22	3.23	Irrigation delivery
7/22/2004	3.31	3.22	3.23	Irrigation delivery
7/23/2004	3.35	3.23	3.28	Irrigation delivery
7/24/2004	3.35	3.26	3.30	Irrigation delivery
7/25/2004	3.31	3.19	3.23	Irrigation delivery
7/26/2004	3.30	3.18	3.26	Irrigation delivery
7/27/2004	3.29	3.18	3.25	Irrigation delivery
7/28/2004	3.38	3.17	3.28	Irrigation delivery
7/29/2004	3.38	3.37	3.37	Irrigation delivery
7/30/2004	3.38	3.37	3.37	Irrigation delivery
7/31/2004	N/A	N/A	N/A	Irrigation delivery

Date	Max Of Stage	Min Of Stage	Avg Of Stage	Primary Reason for Water Release
8/1/2004	3.38	3.07	3.33	Irrigation delivery
8/2/2004	3.31	3.06	3.20	Irrigation delivery
8/3/2004	3.33	3.11	3.28	Irrigation delivery
8/4/2004	3.34	3.26	3.31	Irrigation delivery
8/5/2004	3.38	3.19	3.31	Irrigation delivery
8/6/2004	3.39	3.32	3.36	Irrigation delivery
8/7/2004	3.32	3.19	3.29	Irrigation delivery
8/8/2004	3.28	3.08	3.18	Irrigation delivery
8/9/2004	3.08	3.08	3.08	Irrigation delivery
8/10/2004	3.08	2.98	3.04	Irrigation delivery
8/11/2004	2.98	2.98	2.98	Irrigation delivery
8/12/2004	3.04	2.97	2.98	Irrigation delivery
8/13/2004	2.97	2.96	2.97	Irrigation delivery
8/14/2004	2.97	2.96	2.96	Irrigation delivery
8/15/2004	2.96	2.95	2.96	Irrigation delivery
8/16/2004	2.95	2.74	2.83	Irrigation delivery
8/17/2004	2.89	2.73	2.82	Irrigation delivery
8/18/2004	3.10	2.87	2.90	Irrigation delivery
8/19/2004	2.90	2.89	2.90	Irrigation delivery
8/20/2004	3.17	2.89	2.99	Irrigation delivery
8/21/2004	3.59	3.15	3.29	Irrigation delivery
8/22/2004	3.58	3.00	3.34	Irrigation delivery
8/23/2004	3.34	3.03	3.17	Irrigation delivery
8/24/2004	3.03	2.93	3.01	Irrigation delivery
8/25/2004	3.00	2.91	2.95	Irrigation delivery
8/26/2004	2.92	2.60	2.74	Irrigation delivery
8/27/2004	2.60	2.05	2.25	Irrigation delivery
8/28/2004	2.16	2.10	2.12	Irrigation delivery
8/29/2004	2.31	1.96	2.03	Irrigation delivery
8/30/2004	3.38	2.31	2.89	Irrigation delivery
8/31/2004	2.73	1.87	2.43	Irrigation delivery
9/1/2004	2.55	2.12	2.33	Irrigation delivery
9/2/2004	2.23	2.01	2.09	Irrigation delivery
9/3/2004	2.01	2.01	2.01	Power production
9/4/2004	2.04	2.01	2.02	Power production
9/5/2004	2.10	2.01	2.02	Power production
9/6/2004	2.09	1.92	2.02	Power production
9/7/2004	2.09	1.93	2.01	Power production
9/8/2004	1.93	1.93	1.93	Power production
9/9/2004	1.93	1.76	1.83	Power production
9/10/2004	1.77	0.88	1.44	Power production
9/11/2004	2.27	0.88	1.31	Power production
9/12/2004	2.26	1.49	1.55	Power production
9/13/2004	2.53	1.49	1.78	Power production

Date	Max Of Stage	Min Of Stage	Avg Of Stage	Primary Reason for Water Release
9/14/2004	1.86	1.55	1.74	Power production
9/15/2004	1.83	1.73	1.77	Power production
9/16/2004	1.74	1.58	1.63	Power production
9/17/2004	1.67	1.58	1.62	Power production
9/18/2004	1.86	1.67	1.78	Power production
9/19/2004	1.85	1.70	1.81	Power production
9/20/2004	2.52	1.83	2.06	Power production
9/21/2004	2.20	1.82	2.00	Power production
9/22/2004	2.05	1.81	1.90	Power production
9/23/2004	2.19	1.94	2.06	Power production
9/24/2004	2.29	1.94	2.03	Power production
9/25/2004	2.04	1.60	1.95	Power production
9/26/2004	1.86	1.68	1.71	Power production
9/27/2004	1.86	1.84	1.86	Power production
9/28/2004	1.84	1.76	1.81	Power production
9/29/2004	1.85	1.78	1.80	Power production
9/30/2004	1.96	1.83	1.85	Power production