

**BEAR RIVER BELOW UTAH POWER LIGHT  
CO.'S TAILRACE, AT ONEIDA, ID  
(10086500)**

**STREAMFLOW RECORDS FOR WATER YEAR 2008**

LOCATION.--Lat 42°16'00", long 111°45'04" referenced to North American Datum of 1927, in NE ¼ SE ¼ NW ¼ sec.26, T.13 S., R.40 E., Franklin County, Hydrologic Unit 16010202, on right bank 200 ft downstream from tailrace of Oneida plant and 6 mi south of Cleveland.

DRAINAGE AREA.--4,456 mi<sup>2</sup>.

PERIOD OF RECORD.--October 2006 to current year published by PacifiCorp. October 1921 to September 2006 published by USGS. Monthly discharge only October 1921 to September 1945, published in WSP 1314.

GAGE.--Water-stage recorder. Elevation of gage is 4,800 ft above NGVD of 1929, from topographic map.

REMARKS.--Natural flow of stream affected by upstream reservoirs, power development, diversions for irrigation, and return flow from irrigated areas.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--87 years, 860 ft<sup>3</sup>/s, 619,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 5,480 ft<sup>3</sup>/s, May 8, 1922; minimum, 3.0 ft<sup>3</sup>/s, Jun 13, 1978.

DISCHARGE MEASUREMENT DATES.-- 9-25-07, 10-31-07, 11-29-07, 3-5-08, 4-24-08, 6-25-08, 7-23-08, 10-15-08.

**Bear River Below Utah Power & Light Co.'s Tailrace, at Oneida, ID (10086500)  
Water Year 2008 (October 2007 to September 2008)**

**Daily Mean Values**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	258	303	341	343	333	396	649	668	872	695	1080	1290
2	271	283	361	337	298	414	518	593	891	760	1170	1160
3	282	283	357	354	330	493	517	663	869	824	1170	1050
4	290	289	357	368	329	527	489	601	890	879	1280	1040
5	299	292	372	397	328	473	379	432	1010	910	1320	965
6	297	292	402	419	298	508	303	358	983	1040	1430	900
7	310	300	403	389	293	472	305	375	726	1120	1430	800
8	317	309	398	349	324	479	305	410	586	1190	1360	683
9	319	317	369	338	334	504	307	534	681	1230	1310	638
10	318	341	366	339	342	484	335	539	726	1290	1210	614
11	316	351	388	348	336	450	398	427	645	1270	1200	551
12	316	338	320	415	334	436	510	410	429	1250	1190	445
13	316	317	346	417	324	407	518	413	554	1270	1120	391
14	316	370	418	321	649	361	514	361	443	1290	1090	384
15	316	387	411	281	263	348	709	393	407	1250	1080	392
16	334	371	377	285	249	361	699	505	373	1260	1080	391
17	394	358	367	275	253	395	739	610	285	1260	1070	392
18	443	366	367	275	264	391	712	576	278	1270	1080	394
19	501	369	356	305	326	463	666	421	277	1240	1070	406
20	482	339	360	426	349	443	895	366	278	1220	1060	394
21	418	325	375	461	321	343	1160	411	299	1120	1050	458
22	360	347	341	354	265	329	1120	522	315	1080	1060	475
23	290	358	303	298	325	328	1080	686	328	1050	1110	371
24	301	358	359	349	469	329	1100	954	372	1030	1160	340
25	326	349	426	406	465	329	1130	1300	424	971	1170	315
26	316	339	360	408	354	340	1130	798	414	927	1250	291
27	316	323	308	362	372	350	1020	769	409	931	1300	287
28	316	323	368	306	399	362	898	876	474	847	1250	297
29	315	344	287	301	408	429	760	869	520	831	1190	306
30	314	340	288	304		582	759	848	624	958	1170	325
31	314		326	352		604		885		1010	1210	

	Monthly Statistics											Yearly Stats	
<b>Total</b>	10,281	9,981	11,177	10,882	9,934	13,130	20,624	18,573	16,382	33,273	36,720	16,745	<b>207,702</b>
<b>Mean</b>	332	333	361	351	343	424	687	599	546	1,070	1,180	558	<b>566</b>
<b>Min</b>	258	283	287	275	249	328	303	358	277	695	1,050	287	<b>249</b>
<b>Max</b>	501	387	426	461	649	604	1,160	1,300	1,010	1,290	1,430	1,290	<b>1,430</b>
<b>Ins. Min</b>	254	269	259	238	212	325	287	316	251	689	1,000	276	<b>212</b>
<b>Ins. Max</b>	883	449	1,820	482	1,910	718	1,180	1,490	1,140	1,870	1,440	1,390	<b>1,910</b>
<b>Ac-ft</b>	20,390	19,800	22,170	21,580	19,700	26,040	40,910	36,840	32,490	66,000	72,830	33,210	<b>411,960</b>