

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

STREAMFLOW RECORDS FOR WATER YEAR 2009

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 mi².

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.--88 years, 857 ft³/s, 617,600 acre-ft/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 5,480 ft³/s, May 8, 1922; minimum, 3.0 ft³/s, Jun 13, 1978.

DISCHARGE MEASUREMENT DATES.-- 7-23-08, 10-15-08, 12-17-08, 2-19-09, 5-7-09, 8-25-09, 11-4-09.

**Bear River Below Utah Power & Light Co.'s Tailrace, at Oneida, ID (10086500)
Water Year 2009 (October 2008 to September 2009)**

Daily Mean Values

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	325	327	348	406	354	384	670	1130	883	503	871	629
2	320	430	361	410	343	360	706	1200	751	447	763	628
3	305	361	372	393	325	382	715	1170	795	454	761	593
4	354	340	340	300	341	512	611	724	857	489	742	568
5	377	349	327	282	363	632	572	595	840	666	729	546
6	325	299	373	313	379	769	597	554	842	765	807	532
7	297	280	362	323	409	638	622	529	941	806	881	477
8	294	280	347	425	381	619	655	575	1090	866	924	436
9	324	283	347	477	328	630	651	574	1170	928	1000	487
10	364	284	348	418	343	359	661	505	1210	1060	998	528
11	386	285	370	378	351	343	794	482	1400	1060	996	566
12	418	346	373	338	340	355	986	490	1360	1060	945	576
13	437	385	375	348	331	391	772	527	1380	1040	877	551
14	527	377	373	359	324	380	769	633	1420	998	867	511
15	487	395	356	366	320	373	903	733	1540	999	855	488
16	339	366	367	399	341	356	898	754	1390	1000	827	493
17	307	389	366	367	371	428	816	744	1370	1030	838	491
18	303	385	332	333	368	898	818	704	1400	1090	869	392
19	332	340	326	328	367	499	820	681	1420	1120	873	315
20	355	355	340	324	368	705	852	645	1420	1120	837	316
21	360	378	359	341	363	876	929	628	1450	1110	719	315
22	537	376	390	379	325	747	916	633	1430	1120	665	312
23	451	375	405	422	332	855	875	644	1340	1160	694	287
24	330	373	383	406	370	1070	947	644	1200	1180	716	283
25	344	375	361	404	711	1160	1020	714	1230	1170	732	313
26	439	366	334	394	408	658	1180	764	1230	1090	795	313
27	327	354	345	329	392	1090	1160	709	934	1070	788	313
28	268	349	342	297	396	1070	1110	625	1010	1030	765	307
29	270	340	351	366		953	1200	602	851	958	686	318
30	271	347	386	403		765	1120	633	658	877	641	358
31	342		394	371		669		743		895	630	

Monthly Statistics

Yearly Stats

Total	11,115	10,489	11,153	11,399	10,344	19,926	25,345	21,288	34,812	29,161	25,091	13,242	223,365
Mean	359	350	360	368	369	643	845	687	1,160	941	809	441	611
Min	268	280	326	282	320	343	572	482	658	447	630	283	268
Max	537	430	405	477	711	1,160	1,200	1,200	1,540	1,180	1,000	629	1,540
Ins. Min	265	270	298	233	266	278	565	455	601	415	625	254	233
Ins. Max	946	492	452	494	2,080	1,540	2,000	1,240	1,720	1,200	1,010	878	2,080
Ac-ft	22,050	20,800	22,120	22,610	20,520	39,520	50,270	42,220	69,050	57,840	49,770	26,270	443,040