

Keen, Shelley

From: Cresto, Liz
Sent: Tuesday, December 04, 2007 8:08 AM
To: Keen, Shelley; Lester, Steve
Subject: Parma Gage information

I have attached two files. The excel file contains a graph of the daily average minimum of record as well as varying exceedences. The graph also has the winter fish flows. The winter fish flow is a constant 240cfs. The graph may be misleading in that the period for fish flows changes every year. Fish flows begin at the end of the irrigation season when we are no longer releasing for irrigation demand. Fish flows end by March 31st but may end earlier due to flood control operations or early irrigation demand. The second file I attached contain a table of the daily minimum flow for the period of record. Let me know if you need any additional flow information.

Liz



ParmaMinimum.doc ParmaExceedences
.xls



Water Resources	National Water Information System: Web Interface	Data Category: Surface Water	Geographic Area: Idaho	GO
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News: [Available Now in NWISWeb](#)

USGS Surface-Water Daily Statistics for Idaho

Water Data Reports, Idaho, [Water Years 2002-2005](#), [Water Year 2006](#)

Availability of Ground-Water Data for Idaho, [Water Year 2006](#)

The statistics generated from this site are based on approved daily-mean data and may not match those published by the USGS in official publications. The user is responsible for assessment and use of statistics from this site. For more details on why the statistics may not match, [click here](#).

USGS 13213000 BOISE RIVER NR PARMA ID

Available data for this site	Time-series: Daily statistics	GO
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Canyon County, Idaho
Hydrologic Unit Code 17050114
Latitude 43°46'54", Longitude 116°58'22" NAD83
Drainage area 3,970 square miles
Contributing drainage area 3,970 square miles
Gage datum 2,196.49 feet above sea level NGVD29

Output formats

[HTML table of all data](#)
[Tab-separated data](#)
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00060, Discharge, cubic feet per second,

Day of month	Minimum of daily mean values for each day for 30 - 31 years of record in, cfs (Calculation Period 1970-10-01 -> 2006-09-30)											
	Calculation period restricted by USGS staff due to special conditions at/near site											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	597	619	638	161	120	274	161	235	110	178	731	594
2	593	610	634	133	166	263	188	227	112	174	704	619
3	579	608	636	104	205	235	210	213	110	192	662	636
4	570	603	629	77	212	217	248	209	122	216	643	602
5	576	596	624	98	220	207	286	220	124	224	636	591
6	575	592	625	131	199	202	290	200	139	235	622	581
7	580	590	647	111	195	198	304	172	153	234	623	580
8	585	604	628	111	192	193	294	182	168	240	632	597
9	600	611	615	131	213	178	253	193	188	247	645	608
10	591	641	611	101	281	173	212	206	190	249	668	633
11	573	661	611	94	253	182	193	232	183	248	644	686
12	561	670	611	104	263	164	212	222	194	260	637	651
13	556	637	607	125	270	266	249	227	199	317	636	626
14	585	611	607	132	263	283	201	213	204	344	636	613
15	600	617	568	115	265	297	171	206	222	453	620	614
16	583	612	543	96	270	270	150	208	224	533	613	605
17	575	633	504	79	249	257	150	222	209	524	611	603
18	569	631	456	66	273	227	157	221	190	578	620	603
19	567	638	448	67	264	215	144	215	183	578	614	599
20	594	702	426	95	258	197	158	199	180	563	636	597
21	642	702	388	97	283	223	223	175	188	553	628	597
22	642	708	374	87	248	213	191	162	167	565	652	597
23	639	675	346	81	222	200	195	170	203	562	660	593
24	642	651	354	92	242	176	203	170	216	561	630	587
25	644	645	336	100	286	146	206	150	234	564	611	587
26	637	634	320	110	355	160	205	139	243	549	597	583
27	631	630	300	101	304	178	200	135	233	543	595	581
28	639	630	286	106	282	186	195	124	227	549	600	583
29	649	631	267	99	264	178	189	122	204	598	599	627
30	637		237	104	253	158	202	110	187	701	593	612
31	626		187		261		215	108		718		604

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Surface Water data for Idaho: USGS Surface-Water Daily Statistics
<http://waterdata.usgs.gov/id/nwis/dvstat?>

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Department of the Interior, U.S. Geological Survey

USGS Water Resources of Idaho

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Boise River at Parma (1971-2006)

