Water-Data Report 2012

13052200 TETON RIVER ABOVE SOUTH LEIGH CREEK, NEAR DRIGGS, ID

Upper Snake Basin
Teton Subbasin

LOCATION.--Lat 43°46′55″, long 111°12′33″ referenced to North American Datum of 1983, in NW ¼ NW ¼ NE ¼ sec.12, T.5 N., R.44 E., Teton County, ID, Hydrologic Unit 17040204, Tetonia quad., on right bank 75 ft upstream from county road bridge, 3.5 mi southwest of Tetonia, 6.5 mi northwest of Driggs, and at mile 56.3.

DRAINAGE AREA.--337 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1961 to current year.

REVISED RECORDS.--WDR-US-2010: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 5,952.9 ft above NGVD of 1929.

REMARKS.--Records good except for estimated discharges, which are poor. Station equipment includes satellite telemetry. Diversions above station for irrigation of about 42,000 acres, of which about 1,000 acres are irrigated by withdrawals from ground water (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,980 ft^3/s June, 11, 1997, gage height, 5.14 ft; maximum gage height, 6.37 Feb. 1, 1963, backwater from ice; minimum discharge, 54 ft^3/s Nov. 23, 1977, gage height, 0.60 ft.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,340 ft^3/s June 6, gage height, 3.28 ft; minimum daily, 160 ft^3/s Dec. 23.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	342	296	e220	e260	e240	e210	417	361	405	544	311	244
2	338	286	e230	e270	e240	e200	347	339	508	515	306	263
3	340	281	e220	e260	e230	e210	325	325	743	490	295	236
4	338	285	e210	e270	e220	e220	318	317	986	463	292	224
5	349	288	e190	e290	e220	227	314	318	1,200	445	283	218
6	387	284	e200	e280	e210	237	308	316	1,320	453	278	218
7	415	288	e210	282	e230	224	295	309	1,080	431	272	222
8	409	288	e210	268	e240	209	289	304	860	433	268	216
9	381	281	e220	257	e260	213	283	296	892	418	262	213
10	365	279	e210	e240	282	219	287	308	804	393	262	211
11	377	278	e220	e240	284	233	297	325	678	381	273	204
12	381	285	e220	e230	281	289	340	327	586	380	263	202
13	354	285	e220	e220	266	343	334	331	574	374	256	204
14	353	e270	e210	e270	255	456	315	340	711	400	250	205
15	345	e260	e200	e270	249	603	304	355	794	487	239	204
16	346	e240	e220	e250	e230	646	295	461	731	456	237	201
17	399	e260	e215	e230	e220	746	312	531	749	512	237	199
18	375	e270	e220	e230	e230	839	331	570	790	435	237	202
19	355	e260	e215	e220	243	540	329	530	780	395	231	197
20	343	e230	e215	e270	e230	409	311	437	674	381	235	195
21	335	e240	e205	e300	239	383	306	402	633	367	233	195
22	331	255	e185	e290	e250	461	318	461	656	362	224	195
23	329	256	e160	e300	e240	571	333	531	774	384	214	195
24	325	259	e190	e270	249	569	345	514	803	367	209	200
25	319	260	e240	e280	231	516	363	463	791	355	207	205
26	315	e240	e230	e280	e200	440	378	457	803	342	208	207
27	308	e230	e240	e270	e220	399	423	496	773	342	210	204
28	303	e240	e255	e240	e210	375	425	508	670	333	207	203
29	305	e250	e265	e260	e210	362	379	448	616	330	200	205
30	302	e230	e262	e260	---	350	349	416	575	323	199	199
31	302	---	e260	e250	---	426	---	401	---	315	208	---
Total	10,766	7,954	6,767	8,107	6,909	12,125	9,970	12,497	22,959	12,606	7,606	6,286
Mean	347	265	218	262	238	391	332	403	765	407	245	210
Max	415	296	265	300	284	839	425	570	1,320	544	311	263
Min	302	230	160	220	200	200	283	296	405	315	199	195
Ac-ft	21,350	15,780	13,420	16,080	13,700	24,050	19,780	24,790	45,540	25,000	15,090	12,470

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	300	270	222	201	208	267	351	517	932	731	394	322
Max	481	458	342	343	328	522	528	1,319	2,458	1,995	746	496
(WY)	(1972)	(1984)	(1984)	(1997)	(1986)	(1972)	(1976)	(1997)	(1997)	(2011)	(2011)	(1965)
Min	137	138	113	110	124	151	193	236	275	207	141	132
(WY)	(2002)	(2002)	(2003)	(2003)	(1988)	(2008)	(1981)	(1977)	(2001)	(2001)	(2001)	(2001)

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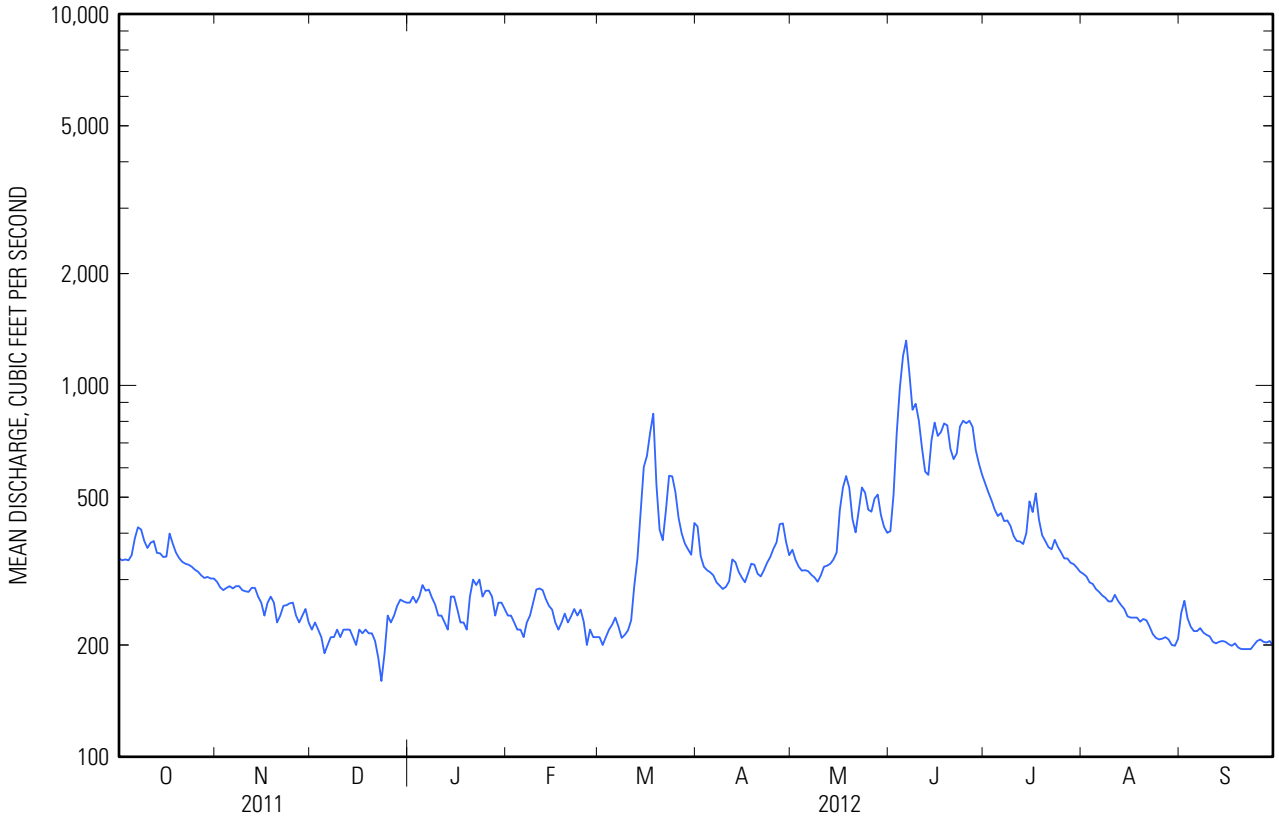
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1962 - 2012	
Annual total	214,440		124,552			
Annual mean	588		340		394	
Highest annual mean					704	1997
Lowest annual mean					197	2001
Highest daily mean	2,430	Jul 6	1,320	Jun 6	2,960	Jun 11, 1997
Lowest daily mean	140	Feb 2	160	Dec 23	60	Jan 10, 2003
Annual seven-day minimum	183	Jan 28	197	Sep 17	74	Jan 6, 2003
Annual runoff (ac-ft)	425,300		247,000		285,100	
10 percent exceeds	1,520		541		736	
50 percent exceeds	343		288		291	
90 percent exceeds	200		209		170