

**10028500 BEAR RIVER BELOW PIXLEY DAM, NEAR COKEVILLE, WY**

Bear River Basin

LOCATION.--Lat 41°56'20", long 110°59'05" referenced to North American Datum of 1927, in SW ¼ SE ¼ SE ¼ sec.25, T.23 N., R.120 W., Lincoln County, Hydrologic Unit 16010102, 800 ft downstream from Pixley Dam, 11 mi south of Cokeville, and 17.5 mi downstream from Twin Creek.

DRAINAGE AREA.--2,032 mi<sup>2</sup>.

**WATER-DISCHARGE RECORDS**

REVISED RECORDS.--WDR UT-74-1: Drainage area.

PERIOD OF RECORD.--October 1941 to November 1943 (published as Bear River near Cokeville), October 1952 to September 1956, May 1958 to current year (seasonal only). Monthly discharge only for some periods, published in WSP 1314.

GAGE.--Water-stage recorder. Elevation of gage is 6,185 ft above NGVD of 1929, from river-profile map. October 31, 1941 to November 30, 1943, at site 200 ft downstream at different datum.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 2,300 ft<sup>3</sup>/s, Mar 25, 1956; minimum daily discharge, 0.09 ft<sup>3</sup>/s, Sep 8, 2002.

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**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**  
**DAILY MEAN VALUES**  
 [e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.3	---	---	---	---	---	---	656	528	879	44	34
2	9.4	---	---	---	---	---	---	610	549	927	47	35
3	9.0	---	---	---	---	---	---	579	555	887	52	34
4	9.0	---	---	---	---	---	---	526	535	870	51	35
5	10	---	---	---	---	---	---	426	494	838	49	37
6	e12	---	---	---	---	---	---	339	468	847	49	35
7	---	---	---	---	---	---	---	340	489	815	66	33
8	---	---	---	---	---	---	---	449	503	842	75	32
9	---	---	---	---	---	---	---	401	514	873	59	32
10	---	---	---	---	---	---	---	342	510	809	62	33
11	---	---	---	---	---	---	---	412	523	592	69	33
12	---	---	---	---	---	---	---	481	553	463	67	32
13	---	---	---	---	---	---	---	463	583	357	61	32
14	---	---	---	---	---	---	---	534	608	274	59	33
15	---	---	---	---	---	---	---	568	678	234	57	33
16	---	---	---	---	---	---	---	583	719	203	57	32
17	---	---	---	---	---	---	---	596	718	200	52	32
18	---	---	---	---	---	---	---	577	696	185	59	31
19	---	---	---	---	---	---	---	479	670	161	60	31
20	---	---	---	---	---	---	---	387	637	144	59	31
21	---	---	---	---	---	---	---	385	622	126	58	29
22	---	---	---	---	---	---	---	418	618	116	57	28
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	143	462	629	106	52	28
25	---	---	---	---	---	---	138	504	651	95	52	28
26	---	---	---	---	---	---	162	527	673	74	51	27
27	---	---	---	---	---	---	---	286	531	717	57	48
28	---	---	---	---	---	---	---	284	495	740	60	47
29	---	---	---	---	---	---	---	332	432	755	57	43
30	---	---	---	---	---	---	---	534	414	765	57	39
31	---	---	---	---	---	---	---	613	444	812	55	36
31	---	---	---	---	---	---	---	480	---	50	36	---
<b>Total</b>	---	---	---	---	---	---	---	14,840	18,512	12,253	1,673	927
<b>Mean</b>	---	---	---	---	---	---	---	479	617	395	54.0	30.9
<b>Max</b>	---	---	---	---	---	---	---	656	812	927	75	37
<b>Min</b>	---	---	---	---	---	---	---	339	468	50	36	25
<b>Ac-ft</b>	---	---	---	---	---	---	---	29,440	36,720	24,300	3,320	1,840

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2005, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	---	---	---	---	---	---	156	408	481	298	109	78.3
<b>Max</b>	---	---	---	---	---	---	666	1,361	1,729	890	471	453
<b>(WY)</b>	(---	(---	(---	(---	(---	(---	(1998)	(1986)	(1983)	(1983)	(1983)	(1983)
<b>Min</b>	---	---	---	---	---	---	1.06	0.87	1.05	1.21	0.72	0.20
<b>(WY)</b>	(---	(---	(---	(---	(---	(---	(1991)	(1977)	(2002)	(2002)	(2002)	(2002)

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**SUMMARY STATISTICS**

	Water Years 1966 - 2005	
<b>Highest daily mean</b>	2,040	Jun 5, 1983
<b>Lowest daily mean</b>	0.09	Sep 8, 2002
<b>Annual seven-day minimum</b>	0.13	Sep 3, 2002

