10016900 BEAR RIVER AT EVANSTON, WY

LOCATION.--Lat 41°16'13", long 110°57'47", in NE$^1/_4$ NW$^1/_4$ NW$^1/_4$ sec.21, T.15 N., R.120 W., Uinta County, Hydrologic Unit 16010101, on left bank 100 ft downstream from bridge on State Highway 89, in the City of Evanston.

DRAINAGE AREA.--433 mi^2.

PERIOD OF RECORD.--May 1984 to current year (no winter records).

GAGE.--Water-stage recorder. Elevation of gage is 6,730 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated discharges, which are poor. Natural flow of stream affected by storage reservoirs, diversions for irrigation, and return flow from irrigated areas. Data collection platform with satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	e160	e470	392	64	18	16
2	---	---	---	---	---	---	e162	e500	355	60	15	17
3	---	---	---	---	---	---	e200	e440	327	55	17	15
4	---	---	---	---	---	---	e142	e400	304	54	23	16
5	---	---	---	---	---	---	e130	e350	273	53	20	15
6	---	---	---	---	---	---	e130	e330	210	58	17	14
7	---	---	---	---	---	---	e120	e310	166	95	16	14
8	---	---	---	---	---	---	e108	e370	140	115	18	14
9	---	---	---	---	---	---	e105	484	105	200	23	11
10	---	---	---	---	---	---	e105	616	93	205	34	8.7
11	---	---	---	---	---	---	e100	709	88	132	30	8.3
12	---	---	---	---	---	---	e90	759	94	78	24	7.1
13	---	---	---	---	---	---	e80	822	162	70	26	7.5
14	---	---	---	---	---	---	e74	906	144	70	35	12
15	---	---	---	---	---	---	e70	898	119	64	29	13
16	---	---	---	---	---	---	e74	1210	85	56	22	13
17	---	---	---	---	---	---	e90	1560	54	47	21	15
18	---	---	---	---	---	---	e137	1150	41	40	18	21
19	---	---	---	---	---	---	e170	1010	35	33	16	22
20	---	---	---	---	---	---	e200	925	30	31	12	16
21	---	---	---	---	---	---	e175	815	33	31	21	12
22	---	---	---	---	---	---	e155	694	28	33	21	11
23	---	---	---	---	---	---	e145	675	38	31	18	9.5
24	---	---	---	---	---	---	e135	654	52	28	13	9.0
25	---	---	---	---	---	---	e140	667	62	26	13	8.6
26	---	---	---	---	---	---	e210	654	70	25	9.6	8.2
27	---	---	---	---	---	---	e276	610	86	28	8.0	7.7
28	---	---	---	---	---	---	e330	557	77	29	7.6	8.7
29	---	---	---	---	---	---	e380	529	68	27	12	8.8
30	---	---	---	---	---	---	e420	507	66	22	16	9.9
31	---	---	---	---	---	---	---	434	---	19	18	---
TOTAL	---	---	---	---	---	---	4813	21015	3797	1879	591.2	369.0
MEAN	---	---	---	---	---	---	160	678	127	60.6	19.1	12.3
MAX	---	---	---	---	---	---	420	1560	392	205	35	22
MIN	---	---	---	---	---	---	70	310	28	19	7.6	7.1
AC-FT	---	---	---	---	---	---	9550	41680	7530	3730	1170	732

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1984 - 2001, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	312	833	805	212	68.5	58.0
MAX	---	---	---	---	---	---	602	2469	1890	980	181	225
(WY)	---	---	---	---	---	---	1985	1984	1986	1995	1984	1984
MIN	---	---	---	---	---	---	133	330	121	31.9	16.4	11.8
(WY)	---	---	---	---	---	---	1995	1990	1992	2000	1988	1988

SUMMARY STATISTICS	FOR 2001 WATER YEAR*		WATER YEARS 1984 - 2001*	
HIGHEST DAILY MEAN	1560	May 17	3160	May 16 1984
LOWEST DAILY MEAN	7.1	Sep 12	3.8	Sep 30 1992
ANNUAL SEVEN-DAY MINIMUM	8.6	Sep 23	5.3	Aug 18 1988
MAXIMUM PEAK FLOW	1830	May 17	3680	May 16 1984
MAXIMUM PEAK STAGE	5.23	May 17	7.35	May 16 1984

* For period of operation.
e Estimated.