11468092 BIG RIVER BELOW TWO LOG CREEK, NEAR COMPTCHE, CA

Big River Basin

LOCATION.--Lat 39°19′06″, long 123°36′49″ referenced to North American Datum of 1927, in NW ¼ SE ¼ sec.23, T.17 N., R.16 W., Mendocino County, Hydrologic Unit 18010108, Mt Diablo meridian, on right bank, downstream side of logging road bridge, 150 ft downstream of Two Log Creek, 3.8 mi northwest of Comptche.

DRAINAGE AREA.--88.7 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 2001 to September 2002, October 2003 to current year.
WATER TEMPERATURE.--Water year 2001

GAGE.--Water-stage recorder. Elevation of gage is 120 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good. No regulation or diversion above station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 5,120 ft^3/s, Feb. 17, 2004, gage height, 14.71 ft; minimum daily discharge, 1.1 ft^3/s, several days in September 2001.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 2,800 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec 8	1100	3,570	12.39
Mar 23	1100	*4,010	*13.03
May 18	2030	3,520	12.32

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.5	9.9	11	1,180	319	308	740	80	117	48	17	8.3
2	2.5	8.7	10	986	244	444	549	75	108	45	16	8.2
3	2.5	8.4	10	697	196	404	555	71	99	43	16	8.2
4	2.5	8.3	9.6	434	167	342	710	73	90	41	16	8.1
5	2.5	8.0	9.6	279	145	277	582	110	83	39	15	7.9
6	2.5	7.8	13	193	126	227	490	89	77	38	15	7.8
7	2.5	7.9	97	216	113	190	572	78	72	37	14	7.9
8	2.4	7.8	1,770	526	100	164	1,090	114	170	36	14	7.9
9	3.0	7.9	618	930	89	142	2,270	233	650	35	14	7.9
10	3.2	9.8	203	720	81	123	1,520	314	440	35	14	8.2
11	3.1	13	106	949	75	110	1,010	233	332	34	13	8.3
12	3.0	16	69	796	71	98	727	191	265	32	12	8.3
13	2.9	15	49	517	119	89	544	162	218	31	12	8.3
14	2.7	13	39	338	153	82	414	140	184	30	12	8.3
15	2.6	12	32	234	130	75	339	126	157	29	12	8.5
16	2.5	11	28	169	116	69	289	122	152	28	12	8.6
17	2.8	10	25	130	103	65	251	112	163	27	12	8.6
18	4.0	9.7	22	105	99	63	221	1,590	163	26	11	8.7
19	29	9.3	21	87	129	171	199	2,240	158	25	11	8.6
20	34	9.1	19	74	345	875	181	1,200	140	25	11	8.2
21	20	8.8	18	64	409	1,700	165	785	121	24	11	7.9
22	13	8.6	17	56	322	1,710	150	565	106	23	11	7.7
23	12	8.5	16	50	252	3,340	143	435	95	23	10	7.4
24	14	8.2	16	45	205	2,100	135	354	86	22	10	6.7
25	13	8.5	15	43	175	1,220	126	297	79	21	10	6.6
26	48	9.5	32	141	154	819	115	252	72	20	9.9	6.5
27	37	14	682	195	156	823	106	218	67	19	9.7	6.3
28	22	17	881	780	320	1,750	99	191	62	19	9.4	6.1
29	16	15	581	873	---	1,790	91	167	57	18	8.9	5.7
30	13	13	1,220	621	---	1,490	84	148	52	18	8.6	5.6
31	12	---	1,040	434	---	1,040	---	131	---	17	8.5	---
Total	332.7	313.7	7,679.2	12,862	4,913	22,100	14,467	10,896	4,635	908	376.0	231.3
Mean	10.7	10.5	248	415	175	713	482	351	154	29.3	12.1	7.71
Max	48	17	1,770	1,180	409	3,340	2,270	2,240	650	48	17	8.7
Min	2.4	7.8	9.6	43	71	63	84	71	52	17	8.5	5.6
Ac-ft	660	622	15,230	25,510	9,740	43,840	28,700	21,610	9,190	1,800	746	459

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	5.46	53.3	613	464	584	378	205	137	48.0	12.1	5.17	3.42
Max	10.7	136	1,039	512	1,184	713	482	351	154	29.3	12.1	7.71
(WY)	(2005)	(2002)	(2002)	(2002)	(2004)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)
Min	2.02	10.5	248	415	175	202	60.4	30.0	7.58	4.08	1.88	1.29
(WY)	(2002)	(2005)	(2005)	(2005)	(2005)	(2004)	(2004)	(2002)	(2001)	(2001)	(2001)	(2001)

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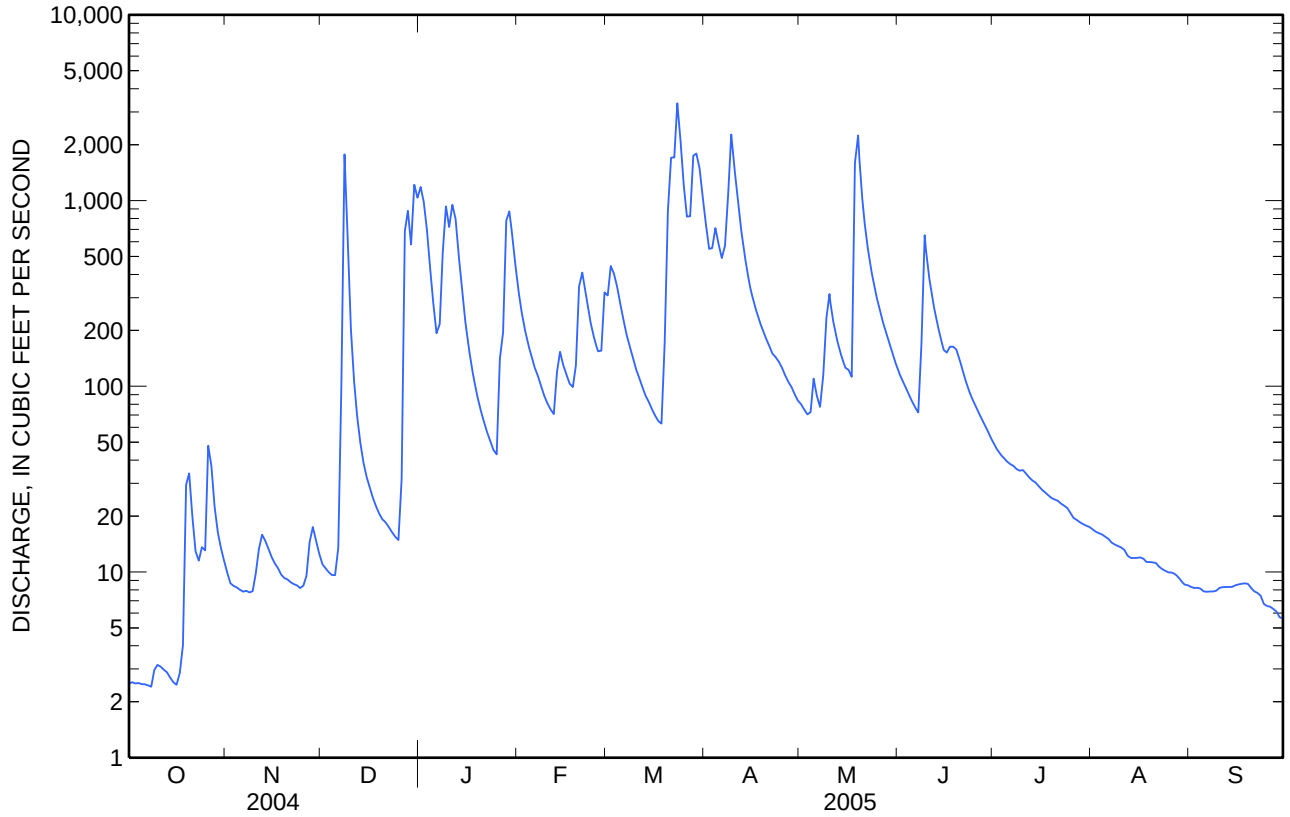
SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 2001 - 2005	
Annual total	66,829.9		79,713.9			
Annual mean	183		218		209	
Highest annual mean					218	2005
Lowest annual mean					201	2002
Highest daily mean	4,100	Feb 17	3,340	Mar 23	4,100	Feb 17, 2004
Lowest daily mean	1.7	Sep 9	2.4	Oct 8	1.1	Sep 4, 2001
Annual seven-day minimum	1.8	Sep 6	2.5	Oct 2	1.1	Sep 3, 2001
Maximum peak flow			4,010	Mar 23	5,120	Feb 17, 2004
Maximum peak stage			13.03	Mar 23	14.71	Feb 17, 2004
Annual runoff (ac-ft)	132,600		158,100		151,600	
10 percent exceeds	534		688		642	
50 percent exceeds	18		65		32	
90 percent exceeds	2.4		7.9		2.6