

TENNESSEE RIVER BASIN

0351706800 CHEOAH RIVER NEAR BEAR PEN GAP NEAR TAPOCO, NC

LOCATION.--Lat 35°26'18", long 83°55'08", Graham County, Hydrologic Unit 06010204, on right bank, 93 ft downstream of U.S. Forest Service bridge number 62 on Slickrock Road, 1.7 mi upstream of mouth, and 1.2 mi east southeast of Tapoco.

DRAINAGE AREA.--206 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,260 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records good. Considerable regulation at times caused by Santeetlah Dam, 10.3 mi upstream. Water from Santeetlah Lake, 10.3 mi upstream, is diverted to hydro powerplant on the Little Tennessee River, which bypasses gage. Minimum discharge for period of record also occurred Sept. 17, 20, 2000.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27	22	45	44	185	52	971	200	66	45	26	30
2	26	23	37	45	91	77	612	138	63	36	25	19
3	26	23	33	37	86	88	513	185	60	47	23	17
4	24	22	31	39	82	68	499	868	58	60	22	16
5	24	21	30	47	75	63	454	1110	61	37	22	15
6	24	21	29	44	86	61	266	551	121	33	21	14
7	24	21	28	42	117	59	95	509	87	31	19	13
8	23	21	29	36	436	57	88	356	65	36	19	13
9	23	21	40	36	730	63	115	216	57	61	18	13
10	22	21	88	44	99	61	294	201	53	49	18	12
11	22	21	121	61	81	56	468	189	50	40	18	11
12	22	20	66	50	77	83	445	176	48	35	17	11
13	23	20	108	45	73	80	440	218	47	96	16	11
14	54	20	177	42	70	71	424	190	48	80	16	16
15	33	20	111	41	68	67	105	170	47	53	19	24
16	26	20	76	38	66	70	72	161	44	42	30	18
17	24	20	103	37	64	161	70	155	42	37	37	19
18	24	20	156	41	61	173	68	732	40	35	31	28
19	24	20	102	354	60	138	70	987	45	33	26	22
20	24	21	77	279	69	129	65	111	46	32	23	17
21	23	20	65	189	64	121	64	94	38	31	20	159
22	23	20	58	137	59	100	68	91	36	29	18	143
23	23	21	64	4220	58	91	61	85	40	32	18	58
24	23	35	70	2790	57	84	59	80	46	36	22	36
25	28	117	56	3760	55	79	115	75	53	42	22	48
26	24	45	52	2000	58	89	75	76	52	37	23	145
27	22	35	49	968	54	86	70	95	42	30	48	147
28	22	31	46	265	52	77	84	86	43	29	25	92
29	23	29	44	667	---	73	75	76	40	28	21	57
30	23	67	41	1110	---	755	67	72	36	26	21	42
31	23	---	39	742	---	1390	---	77	---	34	19	---
TOTAL	776	838	2071	18250	3133	4622	6872	8330	1574	1272	703	1266
MEAN	25.03	27.93	66.81	588.7	111.9	149.1	229.1	268.7	52.47	41.03	22.68	42.20
MAX	54	117	177	4220	730	1390	971	1110	121	96	48	159
MIN	22	20	28	36	52	52	59	72	36	26	16	11

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

	2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
MEAN	19.66	30.41	46.34	240.6	94.45	103.5	144.9	127.0	59.40	59.10	31.08	33.30
MAX	25.0	36.6	66.8	589	112	149	229	269	72.1	80.7	46.6	42.2
(WY)	2002	2001	2002	2002	2002	2002	2002	2002	2001	2000	2001	2002
MIN	12.1	26.7	31.5	65.8	77.3	79.7	64.3	53.2	52.5	41.0	22.7	19.9
(WY)	2001	2000	2000	2000	2000	2000	2001	2001	2002	2002	2002	2000

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 2000 - 2002

ANNUAL TOTAL	21000	49707	
ANNUAL MEAN	57.53	136.2	82.57
HIGHEST ANNUAL MEAN			136
LOWEST ANNUAL MEAN			54.9
HIGHEST DAILY MEAN	456	Jan 19	4220
LOWEST DAILY MEAN	20	Nov 12	11
ANNUAL SEVEN-DAY MINIMUM	20	Nov 12	12
MAXIMUM PEAK FLOW			8150
MAXIMUM PEAK STAGE			8.58
INSTANTANEOUS LOW FLOW			10
10 PERCENT EXCEEDS	100		200
50 PERCENT EXCEEDS	47		48
90 PERCENT EXCEEDS	23		20

* See REMARKS.

0351706800 CHEOAH RIVER NEAR BEAR PEN GAP NEAR TAPOCO, NC--Continued

