

## METHOW RIVER BASIN

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12448996 TWISP RIVER/MVID WEST DIVERSION NEAR TWISP, WA

LOCATION.--Lat 48°22'12", long 120°11'31", in SE  $\frac{1}{4}$  SE  $\frac{1}{4}$  sec.10, T.33 N., R.21 E., Okanogan County Hydrologic Unit 17020008, at diversion structure 3.1 mi west of Twisp city limits.

PERIOD OF RECORD.--May 2001 to current year (irrigation season only).

GAGE.--Water stage recorder. Elevation of gage is 1,780 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good, except for estimated daily discharges and August 24 to September 9 which are fair. Flow regulated by Methow Valley Irrigation District personnel via diversion and head gate. Canal diverts water from the Twisp River in SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  sec.10, T.33 N., R.21 E. for irrigation and water supply in the Methow River Basin. Figures herein represent water diverted from the Twisp River, some of which may return to the Twisp River and Methow River through seepage.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 41 ft<sup>3</sup>/s May 28, 2002, gage height 1.89 ft; minimum discharge, no flow when diversion shut off each year.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 41 ft<sup>3</sup>/s May 28, gage height, 1.89 ft; minimum discharge, no flow when diversion shut off.

DISCHARGE, CUBIC FEET PER SECOND, APRIL TO OCTOBER 2002  
DAILY MEAN VALUES

DAY	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	20	21	18	17	21	12
2	---	19	22	17	20	20	12
3	---	18	21	19	22	20	12
4	---	18	21	21	21	20	4.4
5	---	19	21	20	19	20	0.78
6	---	19	18	20	19	20	0.59
7	---	18	18	21	19	19	0.34
8	---	18	17	18	17	19	0.15
9	---	19	18	19	14	19	0.02
10	0.00	18	18	20	19	18	---
11	0.00	18	18	20	23	17	---
12	0.00	19	19	20	22	16	---
13	0.00	19	19	19	21	15	---
14	0.00	19	19	20	20	15	---
15	0.00	19	17	21	21	14	---
16	0.00	19	14	22	22	14	---
17	0.00	17	16	22	21	14	---
18	0.00	16	18	21	20	13	---
19	0.00	22	19	21	19	13	---
20	0.00	20	20	21	19	12	---
21	0.00	16	21	22	18	12	---
22	0.00	24	22	21	18	12	---
23	0.00	24	21	21	18	12	---
24	0.00	24	21	21	20	11	---
25	0.00	24	21	20	19	11	---
26	0.00	23	22	20	22	12	---
27	0.00	24	21	19	23	13	---
28	0.00	27	20	19	21	12	---
29	10	23	19	18	22	12	---
30	18	22	18	17	22	11	---
31	---	21	---	15	22	---	---
TOTAL	---	626	580	613	620	457	---
MEAN	---	20.2	19.3	19.8	20.0	15.2	---
MAX	---	27	22	22	23	21	---
MIN	---	16	14	15	14	11	---