

## METHOW RIVER BASIN

1

12448620 METHOW RIVER/MVID EAST DIVERSION NEAR WINTHROP, WA

LOCATION.--Lat 48°25'08", long 120°08'24", in SW 1/4 NW 1/4 sec.30, T.34 N., R.22 E., Okanogan County, Hydrologic Unit 17020008, at diversion structure 3.8 mi southeast of Winthrop city limits.

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

GAGE.--Water-stage recorder. Elevation of gage is 1,640 ft above NGVD of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Flow regulated by Methow Valley Irrigation District personnel via diversion and headgate. Canal diverts water from the Methow River at river mile 44.8 in SW 1/4 NW 1/4 sec.30, T.34 N., R.22 E., for irrigation and water supply in the Methow River Basin. Figures herein represent water diverted from the main stem, some of which may return to the Methow River through seepage.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 30 ft<sup>3</sup>/s May 13, 2001; minimum discharge, no flow preceding and succeeding irrigation periods.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 27 ft<sup>3</sup>/s June 13, gage height, 2.34 ft; minimum discharge, no flow preceding and succeeding irrigation period.

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

DAY	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	---	9.9	13	15	17	18	11
2	---	16	13	15	17	17	12
3	---	15	15	14	16	17	12
4	---	15	14	16	18	17	11
5	---	15	15	16	20	16	11
6	---	15	15	16	19	16	7.6
7	---	15	12	17	19	16	1.5
8	---	13	13	22	18	16	0.38
9	---	0.93	12	19	16	16	0.00
10	---	0.43	16	17	19	15	0.00
11	0.00	10	16	21	21	14	0.00
12	0.00	16	21	20	20	10	0.00
13	0.00	16	19	18	19	8.2	---
14	0.00	16	20	18	18	5.7	---
15	0.00	15	18	17	18	4.4	---
16	0.00	14	17	15	18	8.3	---
17	0.00	15	14	14	18	12	---
18	0.00	16	16	17	17	11	---
19	0.00	15	16	18	16	11	---
20	0.00	17	15	17	15	11	---
21	0.00	16	16	15	15	11	---
22	0.00	15	17	14	15	11	---
23	0.00	15	18	17	15	11	---
24	3.6	15	17	20	14	11	---
25	9.9	15	16	19	14	11	---
26	11	15	17	19	16	12	---
27	11	17	18	17	16	12	---
28	11	18	17	17	14	11	---
29	13	19	16	18	16	11	---
30	11	13	16	19	19	11	---
31	---	13	---	18	19	---	---
TOTAL	---	436.26	478	535	532	371.6	---
MEAN	---	14.1	15.9	17.3	17.2	12.4	---
MAX	---	19	21	22	21	18	---
MIN	---	0.43	12	14	14	4.4	---