

METHOW RIVER BASIN

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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 to October 2001 (irrigation season only).

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

REMARKS.--Records good, except for estimated daily discharges which are fair. 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 PERIOD OF RECORD.--Maximum daily discharge, 30 ft³/s May 13, 2001; minimum discharge, no flow during non-irrigation season.

DISCHARGE, CUBIC FEET PER SECOND, YEAR MAY 2001 TO OCTOBER 2001
DAILY MEAN VALUES

DAY	MAY	JUN	JUL	AUG	SEP	OCT
1	---	20	16	25	26	13
2	---	20	15	24	26	16
3	---	18	13	23	25	16
4	---	18	10	23	24	e15
5	e18	20	7.8	22	23	16
6	19	20	15	21	23	8.0
7	20	18	21	18	23	2.9
8	24	18	26	21	22	1.5
9	25	19	27	25	22	.00
10	24	19	27	24	21	.00
11	25	18	27	23	21	.00
12	26	17	27	22	21	.00
13	30	15	26	21	21	.00
14	28	15	25	21	20	.00
15	20	16	24	21	20	.00
16	20	18	24	19	18	.00
17	20	17	26	19	16	.00
18	19	16	27	19	19	.00
19	20	15	25	17	20	.00
20	21	15	23	e.07	20	.00
21	21	18	21	e8.4	20	.00
22	22	22	21	16	20	.00
23	23	21	21	22	19	.00
24	21	18	20	22	18	---
25	21	16	21	19	20	---
26	18	14	21	21	23	---
27	17	16	19	18	17	---
28	17	23	18	19	12	---
29	17	20	18	18	14	---
30	16	17	17	17	13	---
31	17	---	21	21	---	---
TOTAL	---	537	649.8	609.47	607	---
MEAN	---	17.9	21.0	19.7	20.2	---
MAX	---	23	27	25	26	---
MIN	---	14	7.8	.07	12	---

e Estimated