

# REPUBLICAN RIVER BASIN

## PIONEER DITCH

Irrigation Year 2016

Location.-- Lat. N.40°04'54.0"; Long. W. 102°7'23.24" (WGS84). Gage is on the right side of a 5 ft. Parshall flume along the Pioneer Ditch 4 mi east of Wray, CO, and 1000 ft. south of U.S. Highway 34. in Yuma County, CO.

Drainage Area and Period of Record.-- Controlled diversion from the North Fork of the Republican River. Since the ditch is senior to any downstream users, it will frequently dry the river at its headgate, which is about 5 miles from the Stateline. Rush Creek comes into the river between the Pioneer headgate and the USGS gage on the Stateline.;

DISCHARGE, IN CFS, IRRIGATION YEAR NOVEMBER 2015 TO OCTOBER 2016

### MEAN VALUES

DAY	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.1	13	20	20	17
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.7	12	20	18	15
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.0	9.7	20	17	13
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.6	9.8	19	17	13
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.3	10	20	16	11
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.3	8.9	19	16	12
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.6	8.8	18	16	13
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.2	9.8	17	19	13
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.3	13	18	23	14
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.8	13	20	23	18
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	14	20	24	21
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19	14	18	22	23
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	12	12	19	22
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	11	12	19	22
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14	8.2	14	19	22
16	0.00	0.00	0.00	0.00	0.00	0.00	14	15	8.1	15	18	20
17	0.00	0.00	0.00	0.00	0.00	0.00	16	17	8.8	15	16	18
18	0.00	0.00	0.00	0.00	0.00	0.00	16	19	13	15	16	17
19	0.00	0.00	0.00	0.00	0.00	0.00	16	19	19	13	14	15
20	0.00	0.00	0.00	0.00	0.00	0.00	15	20	19	13	12	13
21	0.00	0.00	0.00	0.00	0.00	0.00	16	20	19	18	14	13
22	0.00	0.00	0.00	0.00	0.00	0.00	15	20	19	18	15	15
23	0.00	0.00	0.00	0.00	0.00	0.00	17	20	20	18	15	17
24	0.00	0.00	0.00	0.00	0.00	0.00	19	21	20	18	12	18
25	0.00	0.00	0.00	0.00	0.00	0.00	21	20	20	18	13	19
26	0.00	0.00	0.00	0.00	0.00	0.00	20	20	20	19	12	23
27	0.00	0.00	0.00	0.00	0.00	0.00	11	21	20	20	12	24
28	0.00	0.00	0.00	0.00	0.00	0.00	4.8	20	20	20	13	25
29	0.00	0.00	0.00	0.00	0.00	0.00	4.9	19	20	19	16	25
30	0.00	0.00	0.00	---	0.00	0.00	4.4	17	20	20	18	7.9
31	---	0.00	0.00	---	0.00	---	4.3	---	20	20	---	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	214.40	435.9	453.1	546	504	518.90
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	6.92	14.5	14.6	17.6	16.8	16.7
AC-FT	0	0	0	0	0	0	425	865	899	1080	1000	1030
MAX	0.00	0.00	0.00	0.00	0.00	0.00	21	21	20	20	24	25
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.1	8.1	12	12	0.00
CAL YR	2015	TOTAL	2211.10	MEAN	6.06	MAX	22	MIN	0.00	AC-FT	4390	
IY YR	2016	TOTAL	2672.30	MEAN	7.30	MAX	25	MIN	0.00	AC-FT	5300	

FOR MORE COMPLETE OR DETAILED INFORMATION SEE DAILY OR MONTHLY RECORD.

# PIONEER DITCH IY2016 HYDROGRAPH

