

REPUBLICAN RIVER BASIN
PIONEER DITCH AT THE COLORADO-NEBRASKA STATELINE

Calendar Year 2013

Location.-- Lat. N. 40°03'39"; Long. W. 102°03'4.70" (WGS84) on the right bank of the Pioneer Ditch at a 4 ft. Parshall flume 6.77 miles northwest of Haigler, NE, 1200 ft. south of US 34 near the Colorado-Nebraska Stateline.

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.

Nebraska also maintains a gage at the end of the ditch where wastewater tails back into the Arikaree River (aka "Middle Fork of the Republican River"). This is at a point just above where the Arikaree confluent with the North Fork of the Republican River.;

DISCHARGE, IN CFS, JANUARY 2013 TO DECEMBER 2013

MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	10	21	16	13	1.1	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	13	20	16	13	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	13	20	16	12	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	12	21	16	11	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	12	22	15	9.1	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	14	12	15	1.1	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	14	11	15	4.0	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	15	20	15	13	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	15	22	16	15	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	15	20	17	21	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	16	23	17	21	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	15	22	18	21	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	15	22	19	20	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	15	22	17	16	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	19	21	19	4.8	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	16	21	16	8.1	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	19	21	16	19	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	18	21	16	18	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	20	20	16	13	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	8.2	21	16	14	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	16	14	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.83	20	14	14	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	20	20	10	14	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	20	20	11	14	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	19	19	2.7	14	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	19	18	1.2	14	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	19	18	16	13	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	20	17	13	12	0.00	0.00
29	0.00	---	0.00	0.00	0.00	0.56	21	17	13	12	0.00	0.00
30	0.00	---	0.00	0.00	0.00	7.8	22	16	13	12	0.00	0.00
31	0.00	---	0.00	---	0.00	---	21	16	---	9.4	---	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	8.36	476.03	604	436.9	409.5	1.10	0.00
MEAN	0.000	0.000	0.000	0.000	0.000	0.28	15.4	19.5	14.6	13.2	0.037	0.000
AC-FT	0	0	0	0	0	17	944	1200	867	812	2.2	0
MAX	0.00	0.00	0.00	0.00	0.00	7.8	22	23	19	21	1.1	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	1.2	1.1	0.00	0.00

CAL YR	2013	TOTAL	1935.89	MEAN	5.30	MAX	23	MIN	0.00	AC-FT	3840
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FOR MORE COMPLETE OR DETAILED INFORMATION SEE DAILY OR MONTHLY RECORD.