

REPUBLICAN RIVER BASIN  
6504500 REPUBLICAN RIVER COMPACT COMPLIANCE PIPELINE NEAR LAIRD, CO  
Calendar Year 2016

Location.-- Latitude: 40° 4' 20" N, Longitude: 102° 3' 33" W (WGS84). The Parshall flume is 2.5 miles ENE of Laird, CO, 2.5 miles WNW of Sanborn, NE and 0.65 miles northwest of the point where US 34 crosses the state line.

Drainage Area and Period of Record.-- Not applicable. ; October 2012 to present, diversion records only.

DISCHARGE, IN CFS, JANUARY 2016 TO DECEMBER 2016  
MEAN VALUES

| DAY   | JAN  | FEB  | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV  | DEC  |
|-------|------|------|--------|-------|-------|-------|-------|-------|-------|--------|------|------|
| 1     | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |
| 2     | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |
| 3     | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |
| 4     | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |
| 5     | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |
| 6     | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |
| 7     | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |
| 8     | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |
| 9     | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |
| 10    | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 16     | 32   | 32   |
| 11    | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 29     | 32   | 32   |
| 12    | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 20     | 32   | 32   |
| 13    | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 26     | 32   | 32   |
| 14    | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 29     | 32   | 32   |
| 15    | 31   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 29     | 32   | 32   |
| 16    | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 29     | 32   | 32   |
| 17    | 31   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 29     | 32   | 32   |
| 18    | 31   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 29     | 32   | 32   |
| 19    | 31   | 32   | 30     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 29     | 32   | 32   |
| 20    | 32   | 32   | 16     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 28     | 32   | 32   |
| 21    | 31   | 32   | 1.4    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 28     | 32   | 32   |
| 22    | 31   | 32   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 28     | 32   | 32   |
| 23    | 32   | 32   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 28     | 32   | 32   |
| 24    | 31   | 32   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 28     | 32   | 32   |
| 25    | 31   | 32   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 28     | 32   | 32   |
| 26    | 31   | 32   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 30     | 32   | 32   |
| 27    | 31   | 32   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 32     | 32   | 32   |
| 28    | 32   | 32   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 32     | 32   | 32   |
| 29    | 32   | 32   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 32     | 32   | 32   |
| 30    | 32   | ---  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 32     | 32   | 32   |
| 31    | 32   | ---  | 0.00   | ---   | 0.00  | ---   | 0.00  | 0.00  | ---   | 32     | ---  | 32   |
| TOTAL | 982  | 928  | 623.40 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 623.00 | 960  | 992  |
| MEAN  | 31.7 | 32.0 | 20.1   | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 20.1   | 32.0 | 32.0 |
| AC-FT | 1950 | 1840 | 1240   | 0     | 0     | 0     | 0     | 0     | 0     | 1240   | 1900 | 1970 |
| MAX   | 32   | 32   | 32     | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 32     | 32   | 32   |
| MIN   | 31   | 32   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 32   | 32   |

|        |      |       |         |      |      |     |    |     |      |       |       |
|--------|------|-------|---------|------|------|-----|----|-----|------|-------|-------|
| CAL YR | 2016 | TOTAL | 5108.40 | MEAN | 14.0 | MAX | 32 | MIN | 0.00 | AC-FT | 10130 |
|--------|------|-------|---------|------|------|-----|----|-----|------|-------|-------|

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