

Special River Bulletin.

The Agricultural Experiment Station

FORT COLLINS, COLORADO.

Poudre River Bulletin.

September 3 to 9, 1902.—The average for the week has been 96 cubic feet per second, as compared with 207 cubic feet as normal for the corresponding week in previous years. This is lower than for any year save 1889, which was but 68 cubic feet for the corresponding week. In 1898 the amount was practically the same. About 15 cubic feet is reported by the water commissioner as coming from other water sheds.

The demands for irrigation water are now lessened, and are confined largely to the needs for trees and gardens and for domestic use. While the year has been an unusually dry one and the supply of water low, there has been comparatively little loss in the Poudre valley.

The following is the record for the week in second feet:

| | 1902 | 1901 | Normal |
|--------------|------|------|--------|
| Sept. 3..... | 108 | 275 | 232 |
| " 4..... | 104 | 276 | 219 |
| " 5..... | 103 | 260 | 206 |
| " 6..... | 99 | 224 | 194 |
| " 7..... | 94 | 204 | 194 |
| " 8..... | 87 | 197 | 203 |
| " 9..... | 81 | 179 | 202 |

Average..... 96..... 231..... 207

The following is the record for the corresponding week in previous years:

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----|
| 1881..... | 1890..... | 146 | 1897..... | 184 | |
| 1884..... | 373 | 1891..... | 144 | 1898..... | 101 |
| 1885..... | 330 | 1892..... | 120est | 1899..... | 309 |
| 1886..... | 243 | 1893..... | 160est | 1900..... | 144 |
| 1887..... | 224 | 1894..... | 190 | 1901..... | 231 |
| 1888..... | 125 | 1895..... | 253 | 1902..... | 96 |
| 1889..... | 68 | 1896..... | 265 | | |

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