

## Special River Bulletin.

## The Agricultural Experiment Station

FORT COLLINS, COLORADO.

## Poudre River Bulletin.

July 25 to 29, 1902.—A slight rain on the 26th, though amounting to only .01 of an inch at the agricultural college, was more at surrounding places, and slightly raised the river on the night of the 26th and 27th. The average for the week has been 265 cubic feet per second, including that which is received from other watersheds. This is less than half the normal. It is lower than for any previous year of which we have record, excepting 1898, which was nearly the same for the corresponding week.

The great value of the reservoir system of the Poudre valley and the mountain ditches bringing water from across the range is manifested in the crops of this year. While most parts of the state are suffering materially from the lack of water the Poudre valley gives comparatively little evidence of scarcity.

The rainfall since June 1 has amounted to 8.55 inches, a deficiency of slightly over two inches.

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

	1902	1901	Normal
July 23.....	268.....	533.....	598
" 24.....	262.....	516.....	592
" 25.....	257.....	655.....	562
" 26.....	278.....	617.....	557
" 27.....	284.....	546.....	541
" 28.....	262.....	499.....	514
" 29.....	241.....	455.....	491
Average.....	265.....	546.....	551

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

1881.....	503	1890.....	440	1897.....	500
1884.....	1,023	1891.....	305	1898.....	276
1885.....	1,221	1892.....	452	1899.....	963
1886.....	506	1893.....	393	1900.....	678
1887.....	458	1894.....	553	1901.....	546
1888.....	335	1895.....	823	1902.....	265
1889.....	318	1896.....	470		

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