

## Special River Bulletin.

## The Agricultural Experiment Station

FORT COLLINS, COLORADO.

## Poudre River Bulletin.

September 24 to 30, 1902.—The effect of the heavy storm of a week since is still shown by the river. A large amount of snow fell on the upper elevations and this has been slowly melting so that the river has fallen but slightly. The total precipitation was considerably less at the higher elevations than at Fort Collins, but still amounted to a large fall. The ground as a whole was so dry and the rain so gentle that a large portion of it was taken up by the ground and gave an excellent fall irrigation.

The average for the week is 250 cubic feet per second, while the normal is but 143 cubic feet per second. This average has been exceeded by but one year, of which we have record, for the corresponding week. The rainfall for the week amounted to 0.28 inch.

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

	1902	1901	Normal
Sept. 24.....	300.....	104.....	142
" 25.....	268.....	102.....	145
" 26.....	329.....	101.....	144
" 27.....	262.....	98.....	145
" 28.....	207.....	100.....	142
" 29.....	212.....	110.....	141
" 30.....	170.....	113.....	159
Average.....	250.....	90.....	143

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

1881.....	1890.....	70	1897.....	141	
1884.....	246	1891.....	145	1898.....	37
1885.....	215	1892.....	...	1899.....	134
1886.....	136	1893.....	...	1900.....	136
1887.....	155	1894.....	114	1901.....	90
1888.....	84	1895.....	205	1902.....	250
1889.....	70	1896.....	288		

L. G. CARPENTER.