

Special River Bulletin.

The Agricultural Experiment Station

FORT COLLINS, COLORADO.

Poudre River Bulletin.

Sept. 10 to 16, 1902.—During the week the discharge of the river has remained nearly constant. The average of the week has been 78 cubic feet per second, a decrease of 18 cubic feet from the average of the previous week. This includes about twenty cubic feet per second from over the range.

The precipitation at the college has only amounted to a trace so far this month. A severe freeze of the morning of the 12th, occurring about one month earlier than usual will materially decrease the need of water for growing crops.

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

	1902	1901	Normal
Sept. 10.....	76.....	166.....	204
" 11.....	74.....	153.....	190
" 12.....	79.....	138.....	186
" 13.....	81.....	134.....	179
" 14.....	81.....	134.....	168
" 15.....	78.....	134.....	164
" 16.....	75.....	134.....	166
Average.....	78.....	142.....	181

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

1881.....	1890.....	97	1897.....	170
1884.....	1891.....	133	1898.....	75
1885.....	1892.....	...	1899.....	212
1886.....	1893.....	...	1900.....	180
1887.....	1894.....	217	1901.....	142
1888.....	1895.....	193	1902.....	78
1889.....	1896.....	847		

L. G. CARPENTER.