

White's Creek -

(Water below normal)

5 min

Monday

Submerged nest stone - $\frac{1}{4}$ in

Nest stone - $\frac{1}{4}$ in

N. W. Edge of Rock on rock

Subm stone now - $\frac{1}{4}$ (hole $\frac{1}{4}$ in above water)

Rock by stone (nest stone) - $\frac{3}{8}$ in

Stream at Stone now 22 in wide
Last night approx. 38 in wide

Temp. of water 31° +

Jones Creek at Ranch 5:25 p.m. Thursday

Water $\frac{1}{4}$ in below rail beds.

" $\frac{3}{4}$ in. below high water mark,

" $\frac{1}{4}$ (2) in. below other low water mark

Problem of Temperatures

At low stage -

(a) Before Sun has risen far 5-6 a.m.

White's C. 31° F.

James's C. 36° F. (but just in ground
28° F. in air at hour)

Galena C. 32° F.

(b) after Sun has risen

White's C. 35° F. 9:30 a.m.

James's C. 50° F. 10 a.m.

Galena ditch 40° F. 10 a.m.

Galena C. 42° F. 10:45 a.m.

Galena is growing rapidly warm
ditch water heated but little by
passing in air. ditch area
upland to James's Cress
Galena has warmed 2° or more
in 3/4 hr.

Query - What are temp's of flume water
of these Cresses?