

James' Meadow (Main South Branch)

Tuesday?

5:05 p.m.

Three storages have water (both one in current and two in still water)  $\frac{1}{4}$  in. above sea watch made at 11 a.m.

by on north side -

Water  $\frac{1}{4}$  in above bottom of gash

Temp. nearer small tributary from swamp  $46^{\circ}$  F.

Temp. of main stream also  $46^{\circ}$  F.

Store <sup>on south side</sup> <sup>at</sup> <sup>even</sup> at noon snow  $\frac{1}{4}$  in below current,

by in midstream <sup>to gash</sup>  $\frac{1}{8}$  in. below surface,

South by -

Water  $\frac{1}{8}$  above bottom of gash.

Query - How long since water has risen? Had it <sup>already</sup> begun to rise at 11 a.m.?

Snow banks are on south wall of canyon fan. One <sup>snow</sup> bank evidently furnishing the supply is in a deep ravine and apparently shielded from any direct rays of sun until sun is in west.

N.B. - Has not yet risen at Puerco.

This main branch has risen  
in afternoon when trees should  
be transpiring most.

Jones Pass stream has been  
falling slightly at the same time  
No snow feeds Jones Pass Creek  
Snow does feed Main Stream

Transpiration or Seepage Removal  
has ~~affected~~ <sup>diminished</sup> the out slightly.

Melting snow has caused the other  
to rise.

Complete time of descent  
to snow from bank is water  
to Ranch.

Wednesday 12 M.

(1)  $0\frac{1}{19}$  3/16 in.

(2)  $0\frac{1}{19}$  (2)  $0\frac{1}{14}$

North Shore

East Slope (1) -  $\frac{1}{8}$  Water  $\frac{1}{8}$  in. above notch  
(2) "  $\frac{1}{8}$  in " "  
Slope (3) "  $\frac{1}{4}$  in " "  
(4) "  $\frac{3}{16}$  in " "

South Slope - water  $\frac{1}{8}$  in. above notch } water in channel  
Center Slope - "  $\frac{9}{16}$  in above notch } <sup>channel</sup> <sub>removal</sub>  
Temps. 50°F. } <sub>they hit</sub>

Water therefore  
rising at noon