

July 6, 1923.

Mr. Frank Davis,
Davis Ranch,
Rockport, Washington.

Dear Mr. Davis:

I was very glad indeed to get the information in your letter of May 31st. You may not have kept a copy of your results and as I wish to clear up a few points, I will repeat your findings.

Drift Sticks and bark at g ht. 16.3'
Coarse wash sand at g ht. 19. '
Fine sand probably wash at g ht. 22. '

Last September, in the same gulch you used, I determined with a hand level the height of the 1909 and the highest flood. I made them 15.8' and 21.3', which is .5' and .7' respectively lower than your results; as both are nearly the same amount lower, it would seem as though one of our hand levels was out of adjustment or something else was wrong. I have no way of checking up my data but if possible, I wish you would either check your hand level or send it in to Mr. Parker to be checked. Also let me know just how you obtained your gage heights; whether by sighting direct from the flood marks in the gulch to the gage, or whether by sighting at a rod set at waters edge where you were and adding the distance above water surface to the gage reading. I would also like your estimate on the distance from the point you obtained the flood marks to the gage. In case your data proves correct in all points, I will probably want to use it instead of mine. For the time being, I am approximately averaging our results.

Do you feel confident that the coarse sand at g. ht. 19. marks the crest of some flood? If it is the crest of a flood, it certainly is an especially important item, and it alone is worth the trip you made. It marks the flood of 1856 if it is a flood crest.

The fine sand is undoubtedly flood sand, and marks the crest of the maximum flood which occurred about 1814 (within 10 years either way). I got the elevation 21.3 from the faint line

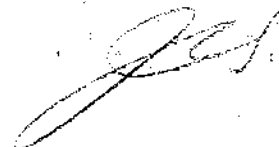
Mr. Frank Davis.

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on the rock wall opposite the small gulch we both worked in. You can plainly see the mark of the same flood on the rock wall opposite the Thunder Creek gage. I found the flood reached to 20.8' at the Reflector Bar gaging station.

Very truly yours,

A handwritten signature in cursive script, appearing to be 'J. L. S.', written in dark ink.

RMR:GS