



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Water Resources Division - Surface Water Branch  
507 Federal Building  
Room 2, Washington

December 5, 1949

Mr. H. C. Walberg  
County Road Engineer  
Mount Vernon, Washington

Dear Mr. Walberg:

In further reference to our telephonic conversation this morning:

I find that the datum of the gage on Singit River near Concrete was changed in October 1927.

Previous floods are listed below with gage heights given to the datum of the present gage:

Date	Gage height	Elevation above mean sea level, 1929 adj.	Discharge (sec.-ft.)
1805-1825	68.3 feet	199.3 feet	about 500,000
1856	51.3 "	187.3 "	350,000
Nov. 19, 1897	51.1 "	181.1 "	275,000
Nov. 30, 1909	48.1 "	179.1 "	260,000
Dec. 30, 1917	45.7 "	175.7 "	230,000
Dec. 17, 1921	47.6 "	177.6 "	240,000
Feb. 27, 1932	40.0 "	170.0 "	147,000
Nov. 27, 1949	40.8 "	170.8 "	158,000
Feb. 11, 1951	39.6 "	169.6 "	143,000

The datum of the present gage is 12.7 feet lower than that of the gage used in determining gage heights given in Water-Supply Paper 512 and "Stewart's Report" for the major floods prior to that of Feb. 27, 1932. Perhaps it should be noted that the gage to which the earlier floods was referred was some 200 or 300 feet upstream from the present gage and the fall between the two sites for the stages mentioned is not known.

Very truly yours,

F. L. Veitch  
District Engineer