

Bench-mark C, 11.44 ft. above M.S.L., is the railway bench-mark at Port Chalmers Station.

"Mean sea-level" was determined by using the gauge records from the 9th July, 1905, for the period of 369 days.

NELSON.

The tide-gauge from which the records were taken is of the fixed-board pattern, and is situated about 4 chains south of the lighthouse.

Bench-mark A, 14.22 ft. above M.S.L., is a point on the top of the foundation of the lighthouse, at the south-east corner, and is marked by a copper bolt.

Bench-mark B, 10.88 ft. above M.S.L., is the top of "standard stone" No. 82A at the corner of Wakefield Quay and Haven Road.

Bench-mark C, 10.21 ft. above M.S.L., is the top of standard stone 81A, Haven Road.

Bench-mark D, 12.07 ft. above M.S.L., is the top of standard stone No. 83A, Wakefield Quay.

B, C, and D are each marked by a copper bolt.

"Mean sea-level" was determined by the mean of high- and low-water records throughout the years 1907 and 1908, which, taken independently, differ just 1 in.

WESTPORT.

The automatic tide-gauge is situated at the north end of Crane Wharf.

Bench-mark A, 11.21 ft. above M.S.L., is a dressed-granite block, within and at the south-west corner of Victoria Square, against Brougham and Russel Streets, marked by a copper bolt.

Bench-mark B, 11.26 ft. above M.S.L., is in the same locality, of the same character, and marked in the same manner as A, and is distant therefrom, in a direction parallel to Brougham Street, 64.8 ft.

Bench-mark C, 11.32 ft. above M.S.L., is of the same character and marking as A, and is distant therefrom 131.6 ft. in line with A B.

"Mean sea-level" was determined by the mean of the high- and low-water records throughout the years 1907 and 1908, which, taken independently, differ 0.98 in. This is a tidal river subject to very heavy floods, and the gauge is about a mile and a quarter from its mouth.