

Ticonderoga as due to a warping of the crust in the postglacial changes of level.¹ A more complete study of all the phenomena involving a correlation of the spillways about Schuylerville with delta and shore lines far to the north makes it more reasonable to suppose that these lower deltas on the north of Schuylerville were deposited in succession in the falling water levels of a glacial lake with varying but successively lower outlets lying between the site of Fort Edward and Stillwater. In this view these lower deltas were not made in the waters of Lake Albany. If Lake Albany extended northward over the Fort Edward district and connected through the passes of the mountains with the Champlain valley, its deltas should be found successively higher on the north somewhere near the altitude of the line of comparison on plate 28. Thus on the Fort Ann quadrangle the valley train of gravel and sand in the Mettawee valley above Raceville and about Middle Granville lying above the 400 foot contour line if not deposited at the Lake Albany level was at least laid down in these side valleys in probable contemporaneity with the later northern phase of this lake. There is a corresponding terrace on the western side of the Hudson valley at the base of Palmertown mountain, evidently an old delta of the Hudson but probably made in the presence of ice remnants in the valley though positive proof of this is now wanting.

Of shore lines, between the deltas there is no distinct sign of wave action though along the eastern side of the valley a few feet above the upper limit of the main body of the clays there is a zone of smoothed and straightened contouring of the ground, above which unmodified drift surfaces present a noticeable contrast. This kind of evidence is most marked from the Moordener kill northward past Troy to the Batten kill, a line which coincides very closely with the inner and upper margin of the old rock bench of the Hudson valley floor.

Correlation of Lake Albany with the western great glacial lakes. Lake Albany received on the north in the portion of its extent lying within the upper Hudson valley several large streams, the Moordener kill, Hoosic river and the Batten kill, coming from the east; on the west, the Adirondack-Hudson for a time at least, and more than all the drainage of the Mohawk valley.

¹N. Y. State Mus. An. Rep't. 1901. p.13.