

second lower terrace at the base of Palmertown mountain [see pl. 13]. The low escarpment which separates this lower delta plain from the broad 400 foot terrace is a striking cliff of gravels sweeping southward from the Glens Falls quadrangle to the Schuylerville quadrangle on the south. As will be shown later its base corresponds closely with the presumed level of a stage of the glacial lake which covered this district and wave action is to be suspected as determining the form of the terrace though an earlier ice contact slope may have given rise to its position. The topography bears every mark of having been produced by erosion.

The delta of this stage evidently extended as far east as Sandy Hill and perhaps much farther toward Fort Edward. The southern and eastern margin of the present delta plain have been determined by erosion accomplished during the lower and later stages of the waters in which the delta was deposited.

The Hudson in its eastward course from the portal of the Adirondack canyon lies mainly on the north side of the delta as does the Mohawk in relation to the delta extending from Schenectady to Albany. There is a narrow strip of delta sand west of Glens Falls but within a mile north of the town and the bank of the river there is little or no evidence of stream-borne waste. Had the stream at any time wandered into this marginal field of its delta before sinking its present channel the river would easily have fallen into the course of Half Way creek and so joined the Champlain drainage. It is to be suspected that, where streams flow along the northern margin of old deltas built into glacial lakes of meridional valleys, their courses were determined by the natural tendency to diversion into the depression which would arise on that side of a delta through the retreat of an ice barrier. No satisfactory evidence of the presence of the ice on the north side of the Glens Falls delta at this stage has been observed. In fact the continued development of the deposit since it might outlast the presence of the ice, did such a condition exist at the commencement of the process, would tend to obliterate those evidences of the ice contact on which the proof of the existence of preglacial deltas must ever depend. Other postglacial changes