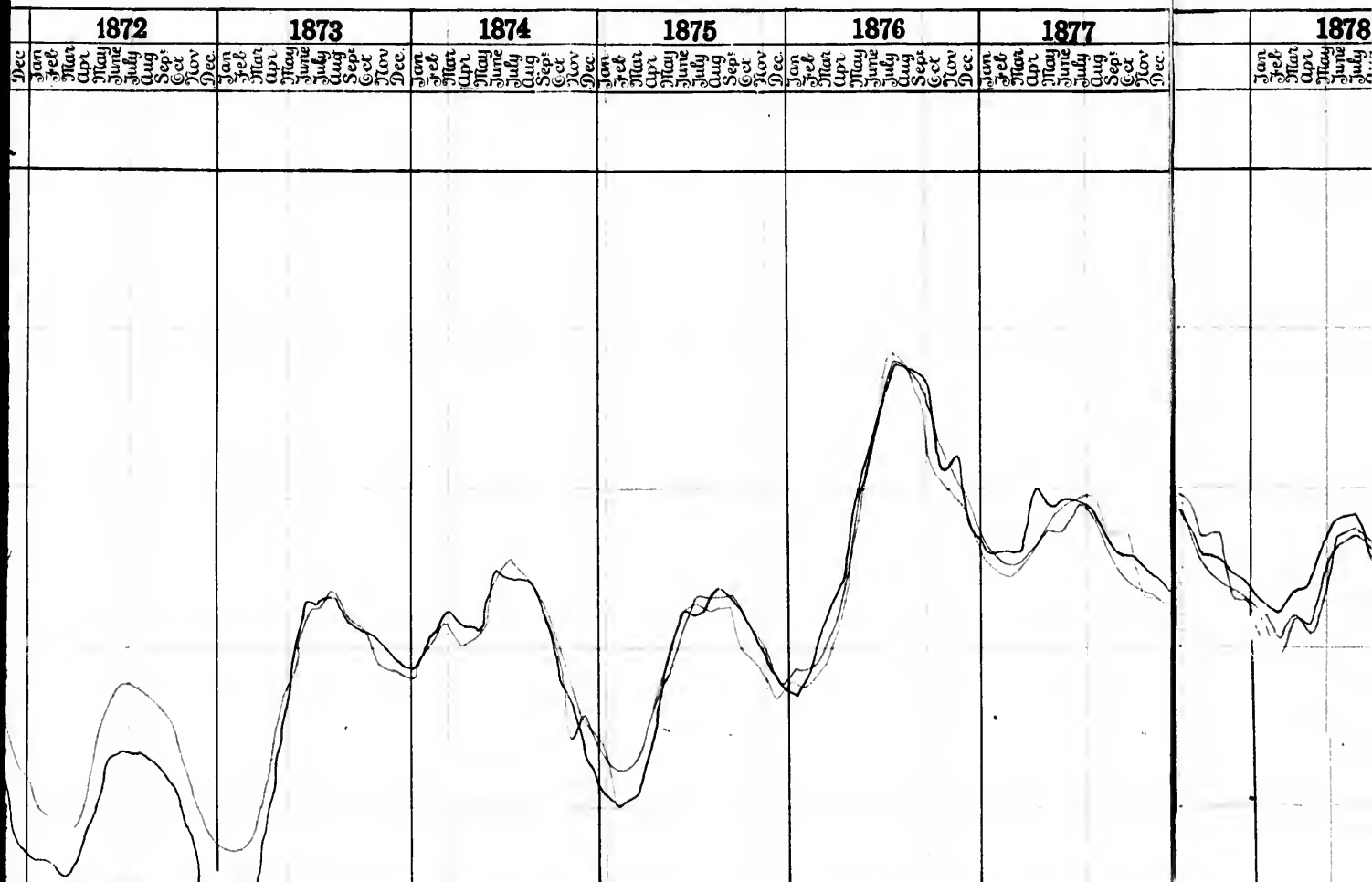


Annual Water Level Curves Lakes

Michigan



The plane of reference for water levels on Lake Michigan is a plane 8.33 feet below the old bench mark on Dr Sapham's house south side of Poplar St. near fourth at Milwaukee Wis being the top of water table east side of main door. The plane of reference is also 4 feet above the city zero of grades. High Water of 1838 coincided with this plane.

The plane of reference for water levels on Lake Huron is a plane 6.19 ft. below the head of a six inch bolt leaded into foundation rock 13 ft. S.W. of gauge at Port Austin. This Plane was obtained by assuming that during the months of June July and August 1874 the waters in Lakes Huron and Michigan were level and if this assumption is correct it will coincide with the plane of reference for Lake Michigan. If high water of 1838 was as much above the mean level of Lake Huron during the months of June July and August 1874 as it was above the mean level of Lake Michigan during these months, then it coincided with this plane. of reference.