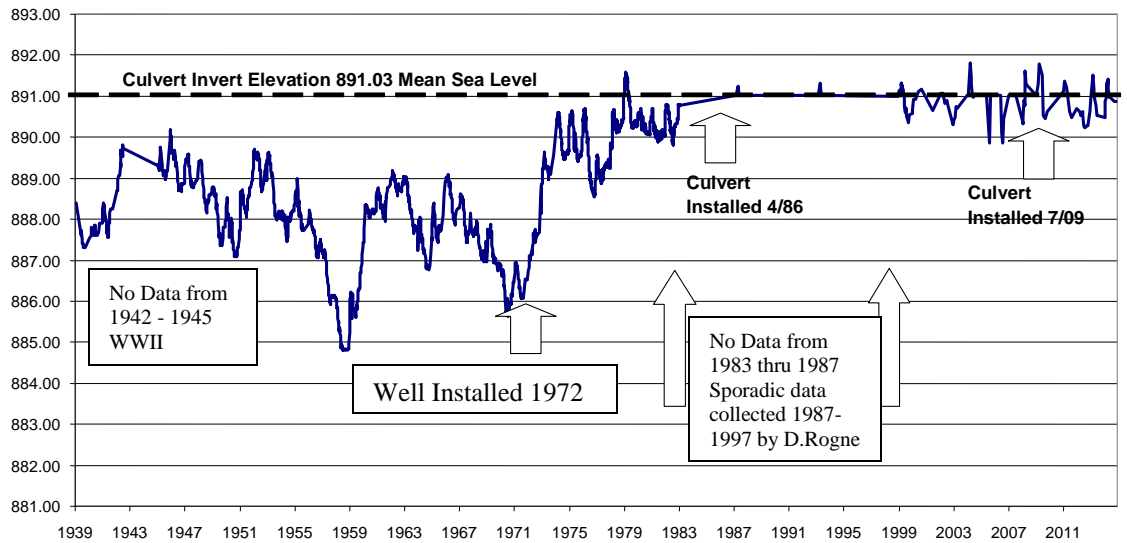


## CEDAR LAKE Lake Level Elevations



USGS monitored the lake level twice per week from 1938 through 1978. No Data was recorded from 1983 through 1987.

Significant drops in lake levels in 1959 and 1971 prompted, a study by the USGS and WDNR, a design, and the permitting and installation of a high capacity (500 gpm) well to maintain normal lake levels. Since it's installation, the lake level has fluctuated approximately one foot from the discharge culvert's invert elevation. Only sporadic use of the well has been necessary to maintain this target fluctuation.

Fifteen inches of rain over two months raised the lake level to seven inches above the culvert invert threatening shoreland erosion. Prudence required a temporary slow no wake restriction and installation of a second discharge culvert.