Lake Lacawac, Bruce R. Hargreaves, Lehigh University (brh0@lehigh.edu, http://www.lehigh.edu/~brh0) H310 sensor depth & Lake level are based on differential pressure sensor with ca 0.1mm resolution & vertical position referenced to bottom of lake.

Weather platform moved to lake center on 5 May 05 sensor with ca 0.1mm resolution & vertical position referenced to bottom of lake.

The water level sensor (referred to dock) settles for several days after moving platform to lake center and thus underestimates water level during this period.

Sensor PSIG converted to depth using density of water at 4°C (1.43321 psi/m).

Lake level is referenced also to lower frame of dock at SE corner (2003-May2005).

5280 ft/mile (Actual water level at dock varies seasonally with density of water column and hourly from precip, runoff, evaporation, seaage & outflow. Outflow also varies with status of beaver dam).