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Station moved to lake center on 20 April 08

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.

Adjusted Tw sensors 13Nov07 based on comparison of depths and vs PUV & YSI sonde profiles (note that Tw at 11.3m matches PUV Tw at 12.5, probably within sediment boundary layer)

Tw12 adjusted to match others on bottom after moved to dock

H310 sensor depth & Lake level are based on differential pressure

sensor with ca 0.1mm resolution & vertical position referenced to bottom of lake.

Sensor PSIG converted to depth using density of water at 40C (1.43321 psi/m)

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

(Actual water level at dock varies seasonally with density of water column & hourly from precip, runoff, evaporation, seepage & outflow. Outflow also varies with status of beaver dam).

Summary table with columns: Tair avg F, Tair max, Tair min F, Rain-in, WS-mph, WS Max mph, Tw 0.1m F, Tw 0.5m, Tw 1m F, Tw 2m F, Tw 3m, Tw 4m F, Tw 5m F, Tw 6m F, Tw 8m F, Tw 10m F, Tw 12m, H310_z (m), Lakelevel- mm (40C), cumul. rain-mm, Batt min-V, RH% CR10 enc, RH% MUX enc.

Main data table with columns: Location, % records, Date, Day of Yr, Tair avg-C, Tair HI-C, Tair Min-C, Rrhair-%, Rain-mm, WS-m/s, WS Max- WDIR-deg, Barom-mb, Sum Rad/J/m2, Mol/m2, Tw 0.1m, Tw 0.5m, Tw 1m, Tw 2m, TW3m, TW4m, TW5m, TW6m, TW8m, TW H310-C, TW12m, H310 depth- Lakelevel- mm (40C), cumul. rain-mm, Batt min-V, RH% CR10 enc, RH% MUX.

Lake water & energy budget daily summary from hourly data (negative values: loss from lake; runoff & seepage term is residual after adjusting lake level change for all others)

Summary table with columns: Grand sum/avg, Ratio of lake watershed to lake area, Grand sum/avg, Runoff & seepage as % of watershed area precip, 26.3%, SumTerreVap2=AirV PD,mbar*WS,m^3/sc, 0.9, 0.0%, % of absorbed solar heat, evap loss, solar heat - evap loss, starting Tw (0-6m), ending Tw (0-6m), actual Tw chg, 0-6m, non-evap heat balance to exchange solar heat gain, residual lake exchange (non-evap xchg minus airwater_dT xchg), (radiative?) (degC-6m).