Cherokee Reservoir, average daily surface (epilimnion) energy components, averaged over each month net temperature change 9.0 net temperature change average daily temperature change (  $^\circ$  C/day) advectionin advection<sub>epi-hyp</sub> diffusion<sub>epi-hyp</sub> net surface energy 0.2 -0.2 Jan-1981 Jul-1981 Jan-1982 Jul-1982 Jan-1983 Jul-1983 Jan-1984 time