Cherokee Reservoir, average daily hypolimnion energy components, averaged over each month net temperature change 0.6 net temperature change advection_{in} average daily temperature change ($^\circ$ C/day) advection_{epi-hyp} advection_{out} diffusion_{epi-hyp} 0.2 -0.2 Jan-1981 Jul-1981 Jan-1982 Jul-1982 Jan-1983 Jul-1983 Jan-1984 time