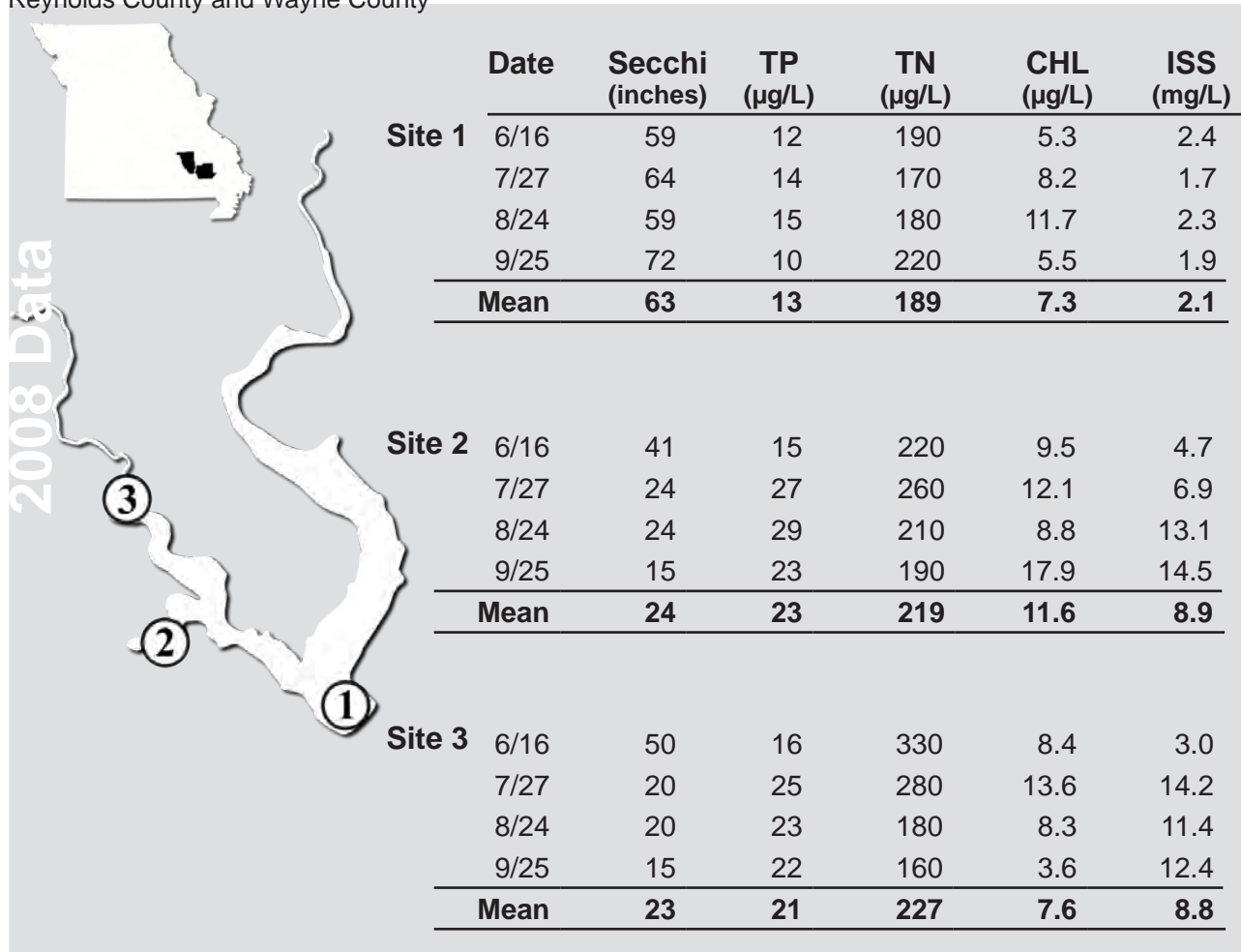


Clearwater Lake

Reynolds County and Wayne County



Only four samples were collected at each Clearwater Lake site in 2008. No data are available from the early season, as sampling began in June. High water from the near record rainfall in 2008 is responsible for many volunteers' inability to access their respective lakes.

Secchi transparency at the dam (Site 1) was consistent across the 2008 sample dates, varying by only a foot. Sites 2 and 3 varied by two and three feet, respectively, with maximum clarity occurring in June. Nutrient concentrations were also quite consistent at the dam site, and varied more at the up-lake sites 2 and 3. Chlorophyll concentrations were highest at Site 2, where an end of season peak occurred. At the dam and Site 3, the last sample of the season exhibited comparatively low chlorophyll values.

Lower concentrations of suspended sediments (ISS) at the uplake Sites 2 and 3 have resulted in clearer water. Mean and maximum Secchi measurements were greater in 2008 than previously measured by LMVP volunteers at these sites. Mean Secchi measurements at the dam were the lowest measured to date, likely due to increased chlorophyll and suspended sediment (ISS) concentrations at this site.

Clearwater Lake, cont.

Reynolds County and Wayne County

