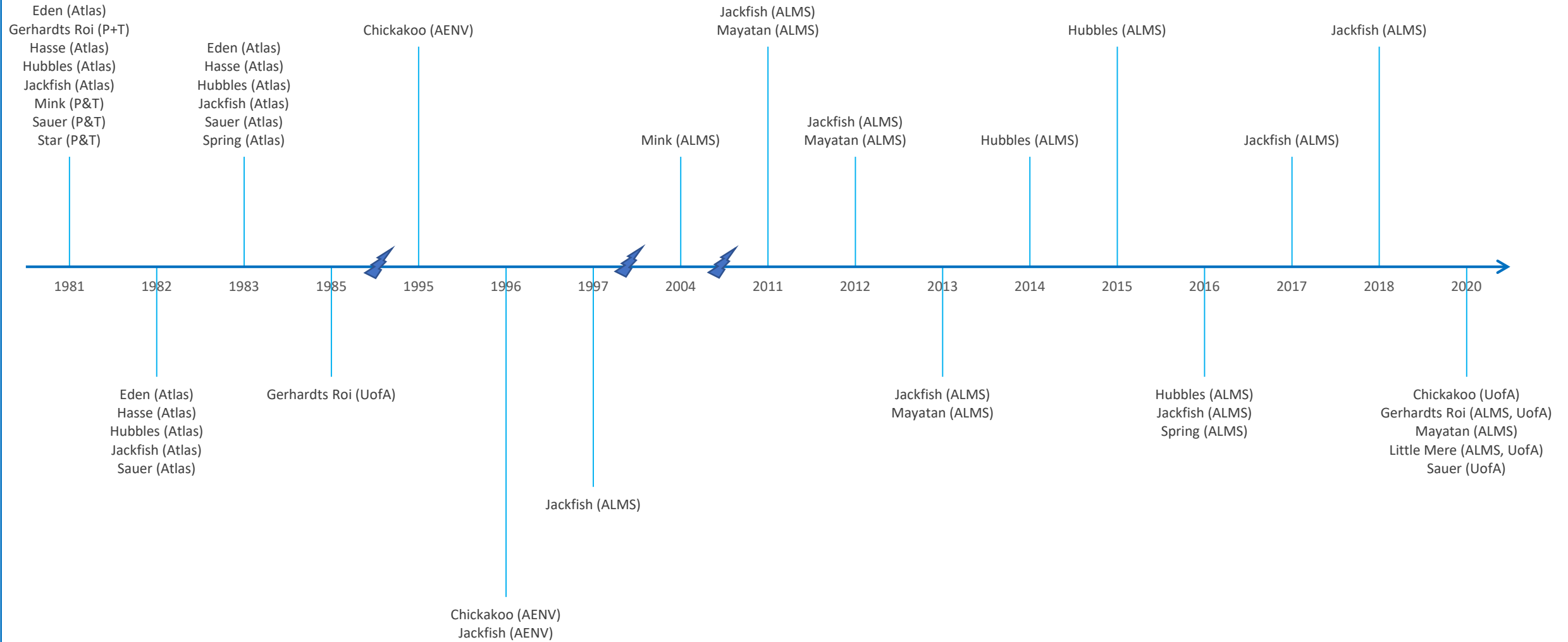


Timeline: available lake data

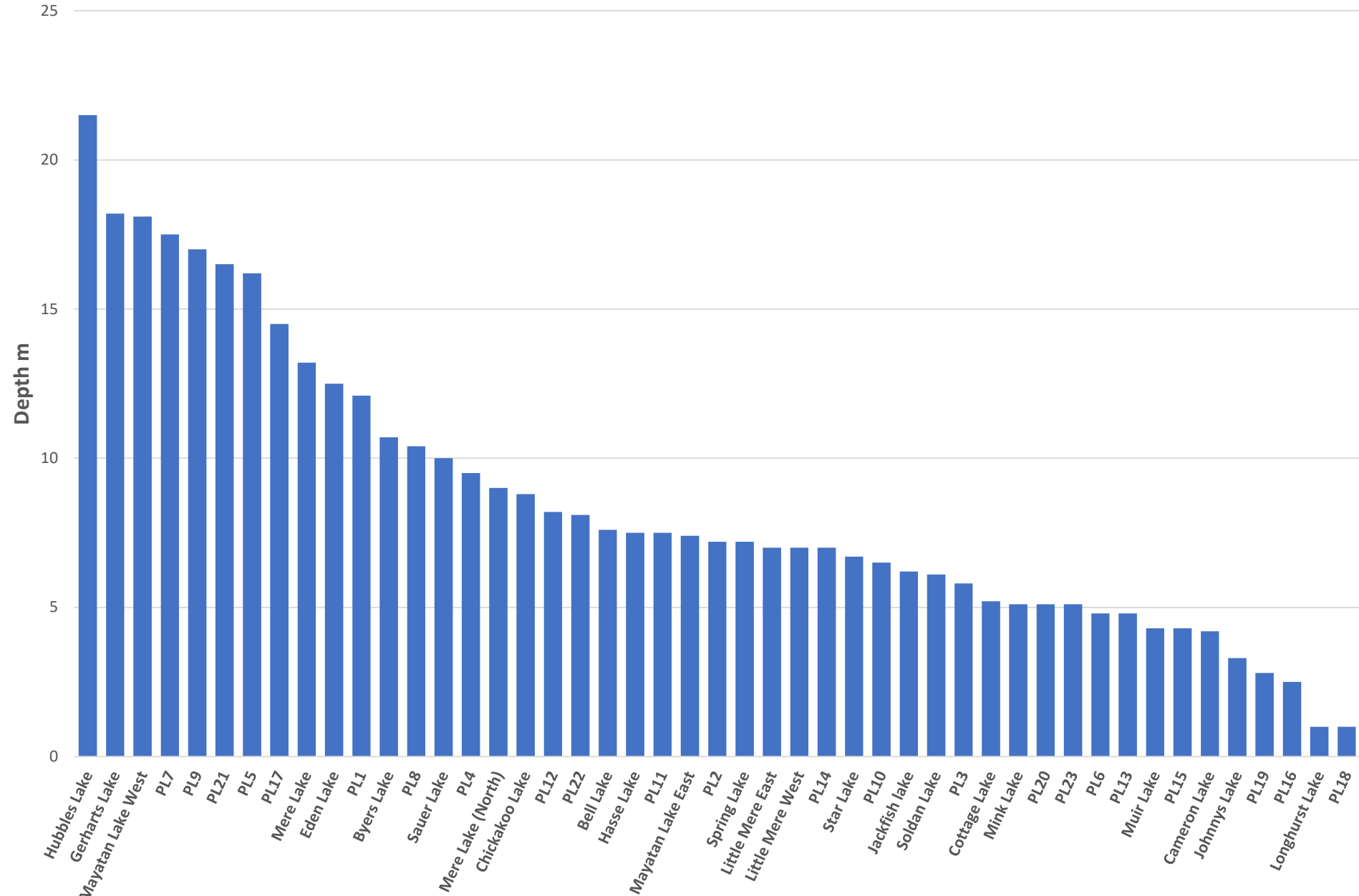
# Parkland County Named Lakes--Historical Water Quality Data



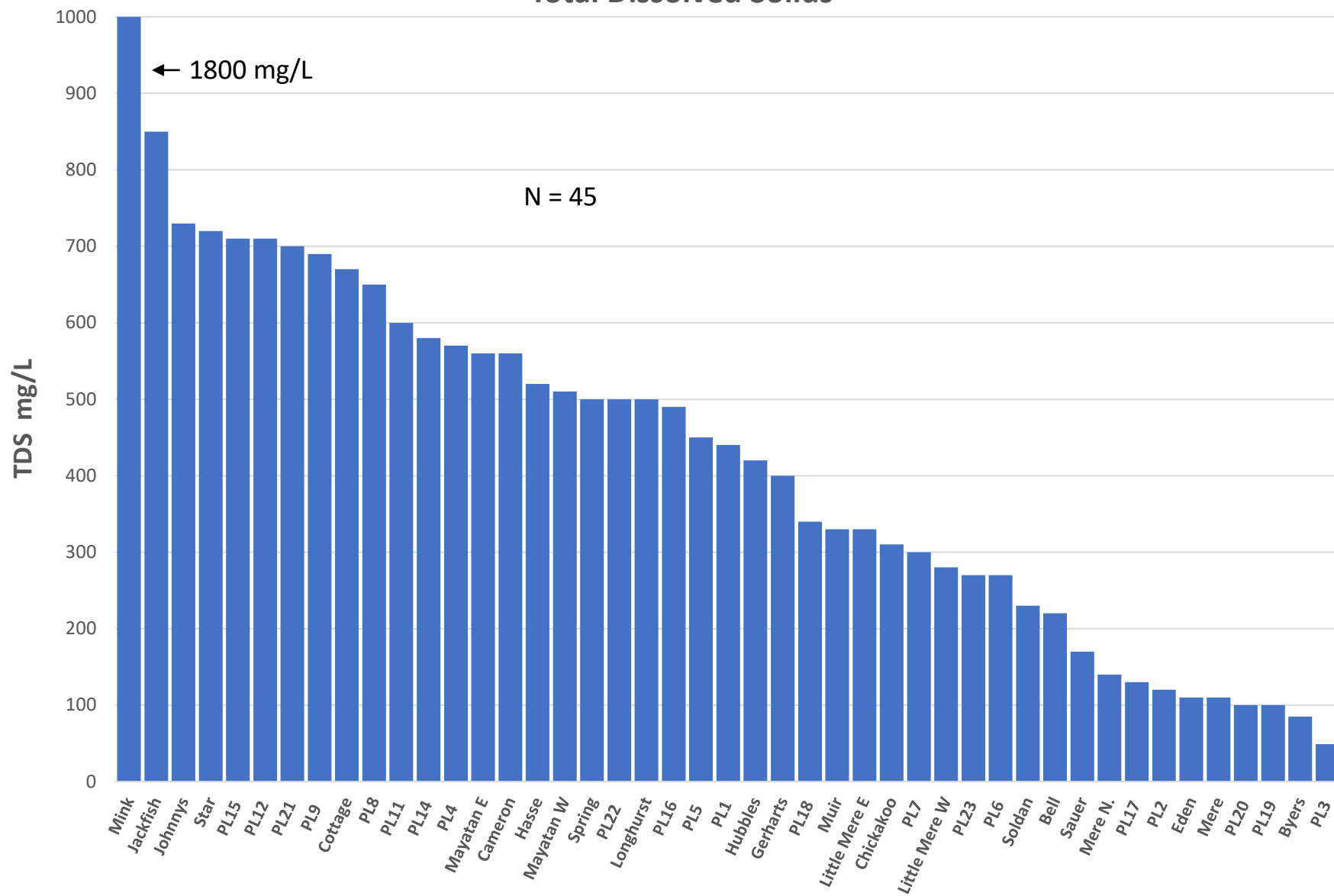
The 2021 survey revealed a very wide range of lake types, chemical conditions and trophic states across this small region

These preliminary analyses and graphs will be incorporated into a joint report by ALMS and MLMA, to be completed in 2021

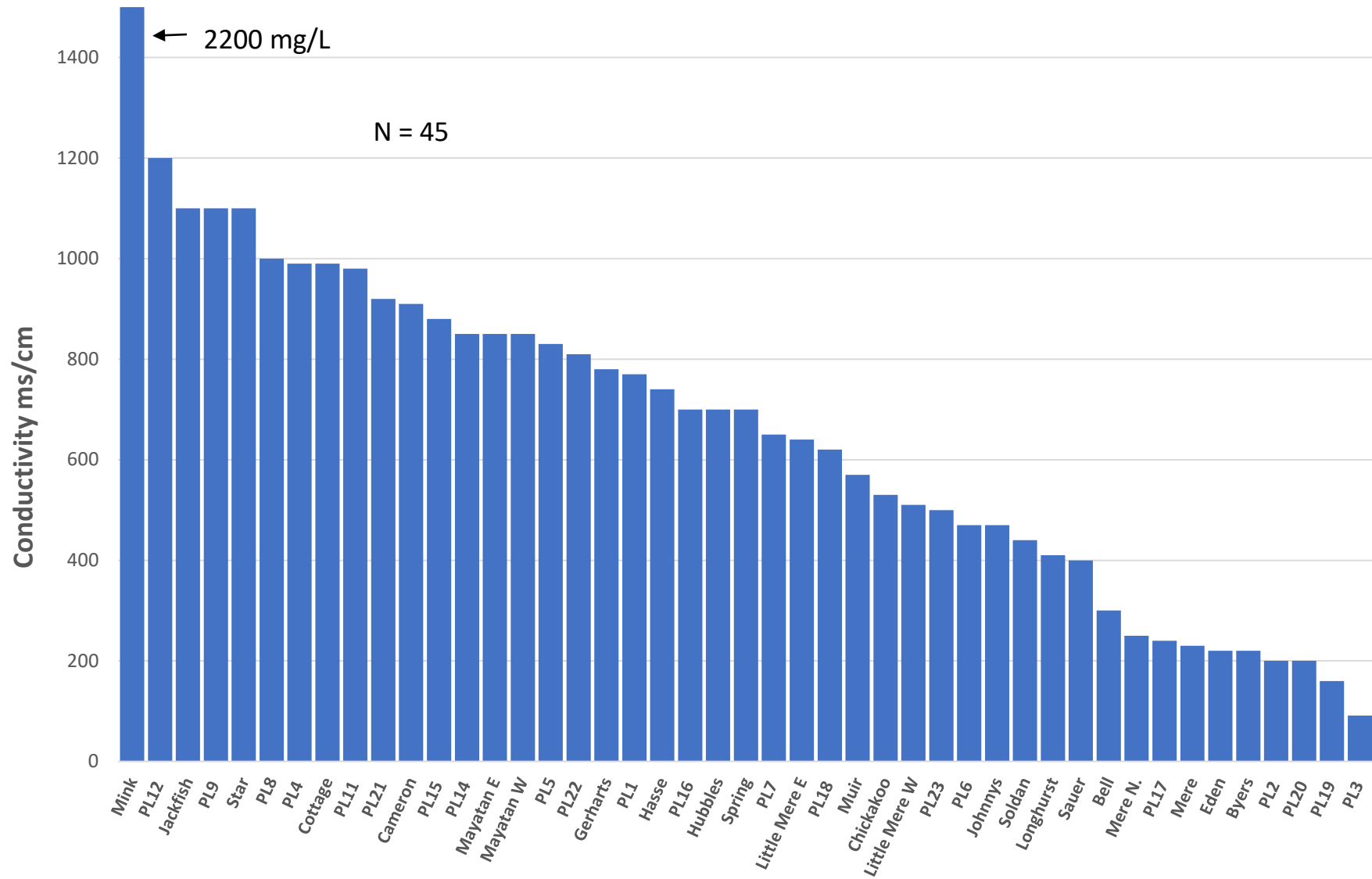
# Lake Maximum Observed Depths



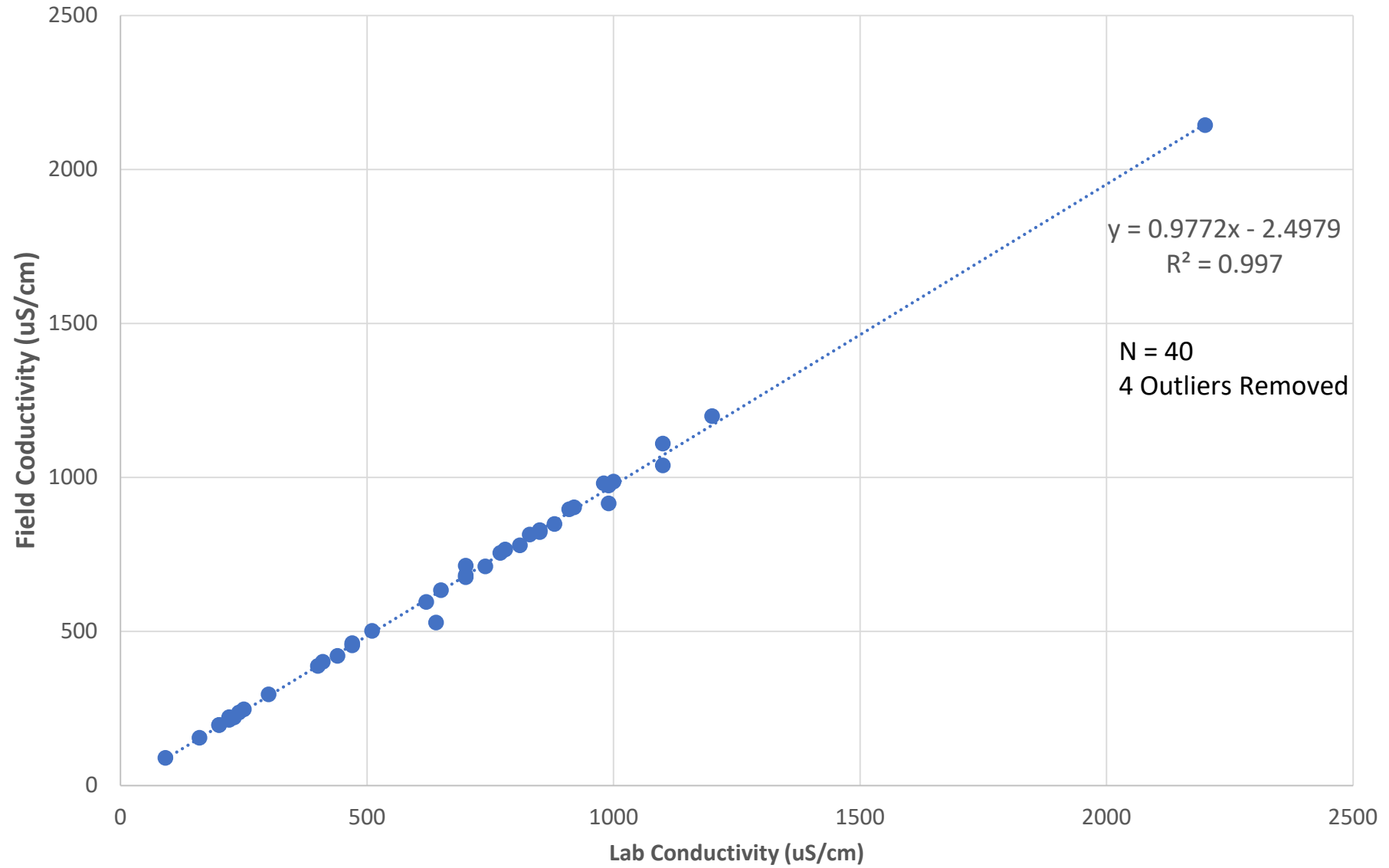
# Total Dissolved Solids



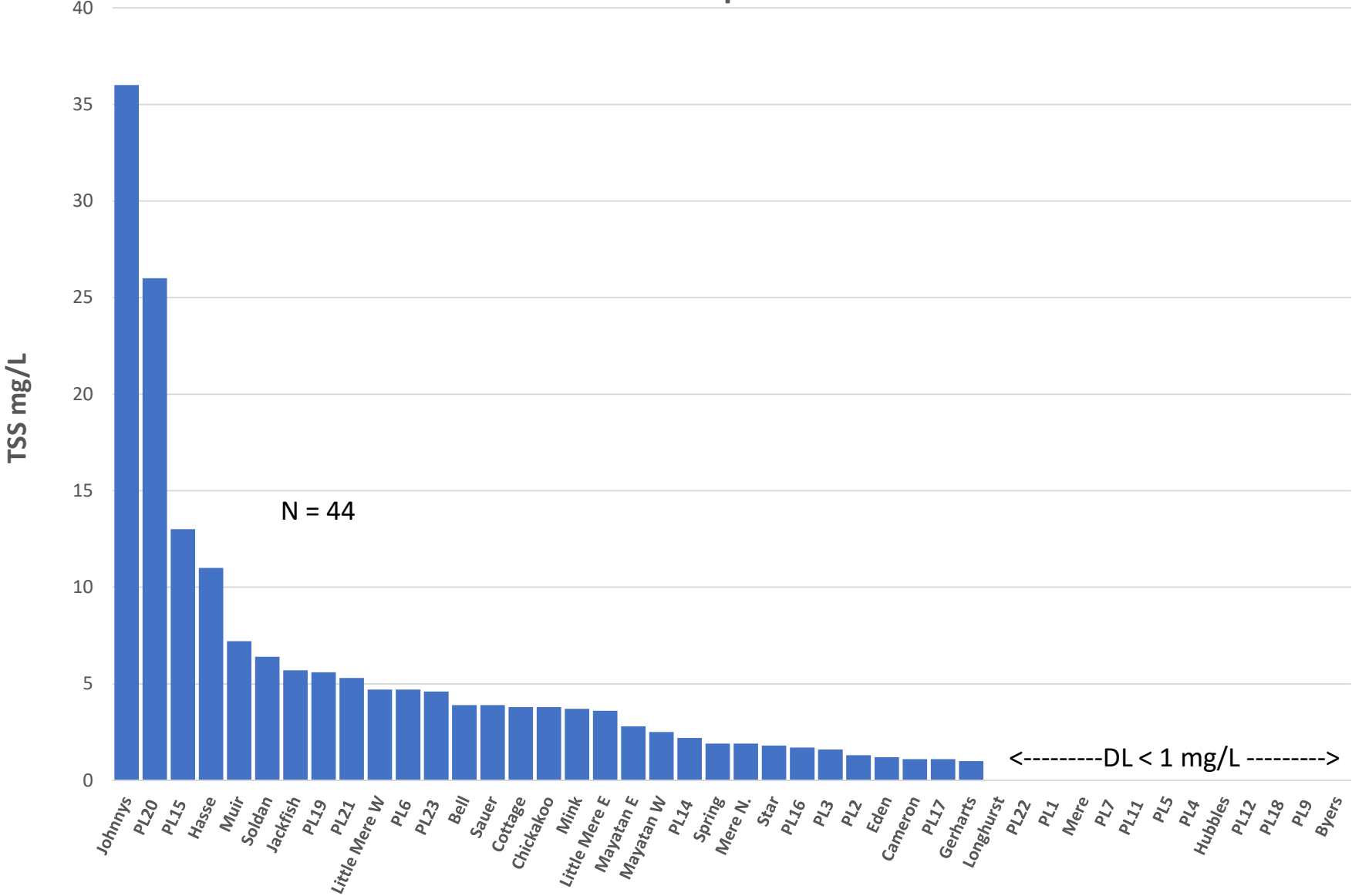
# Conductivity



# Field vs Lab Conductivity

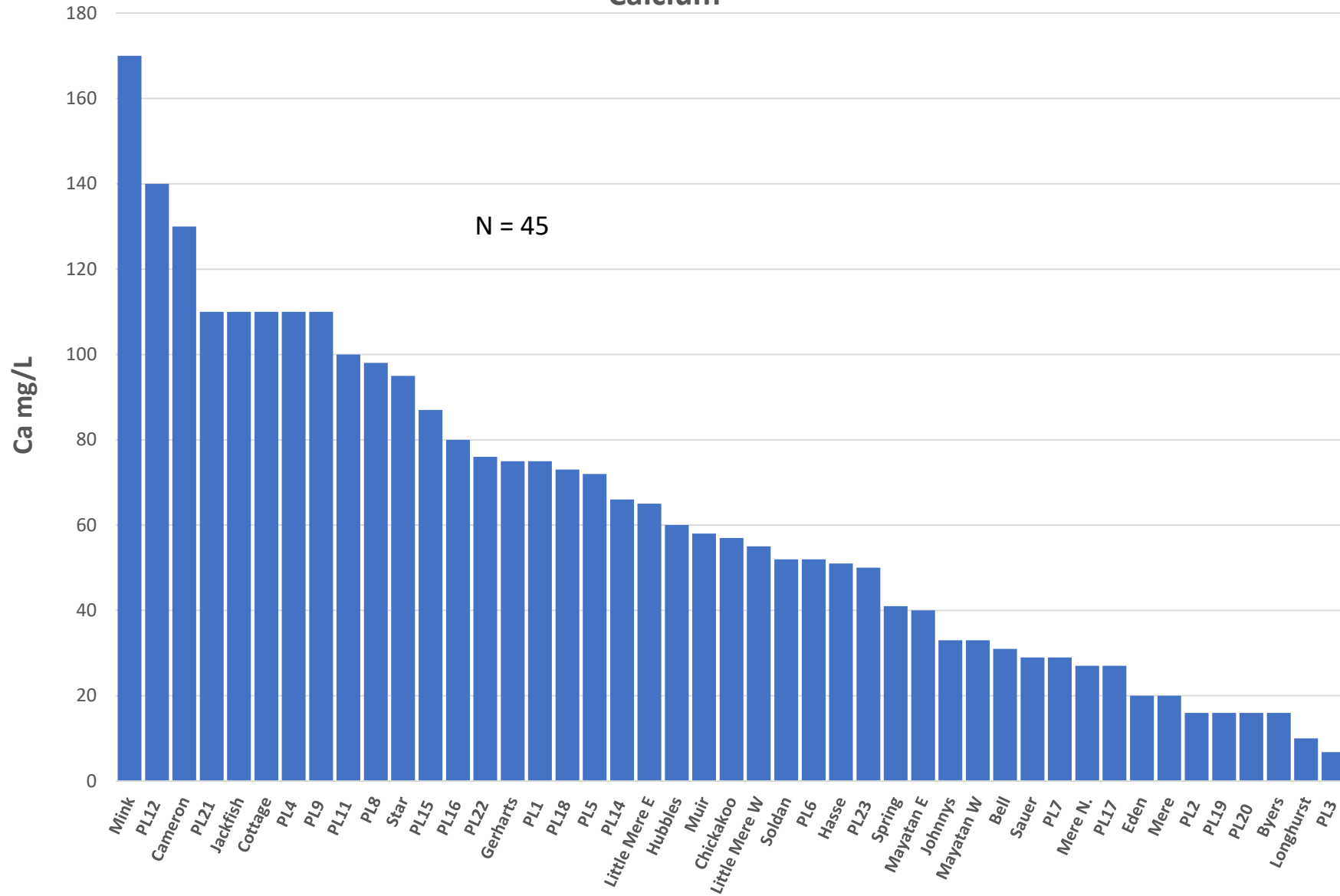


# Total Suspended Solids

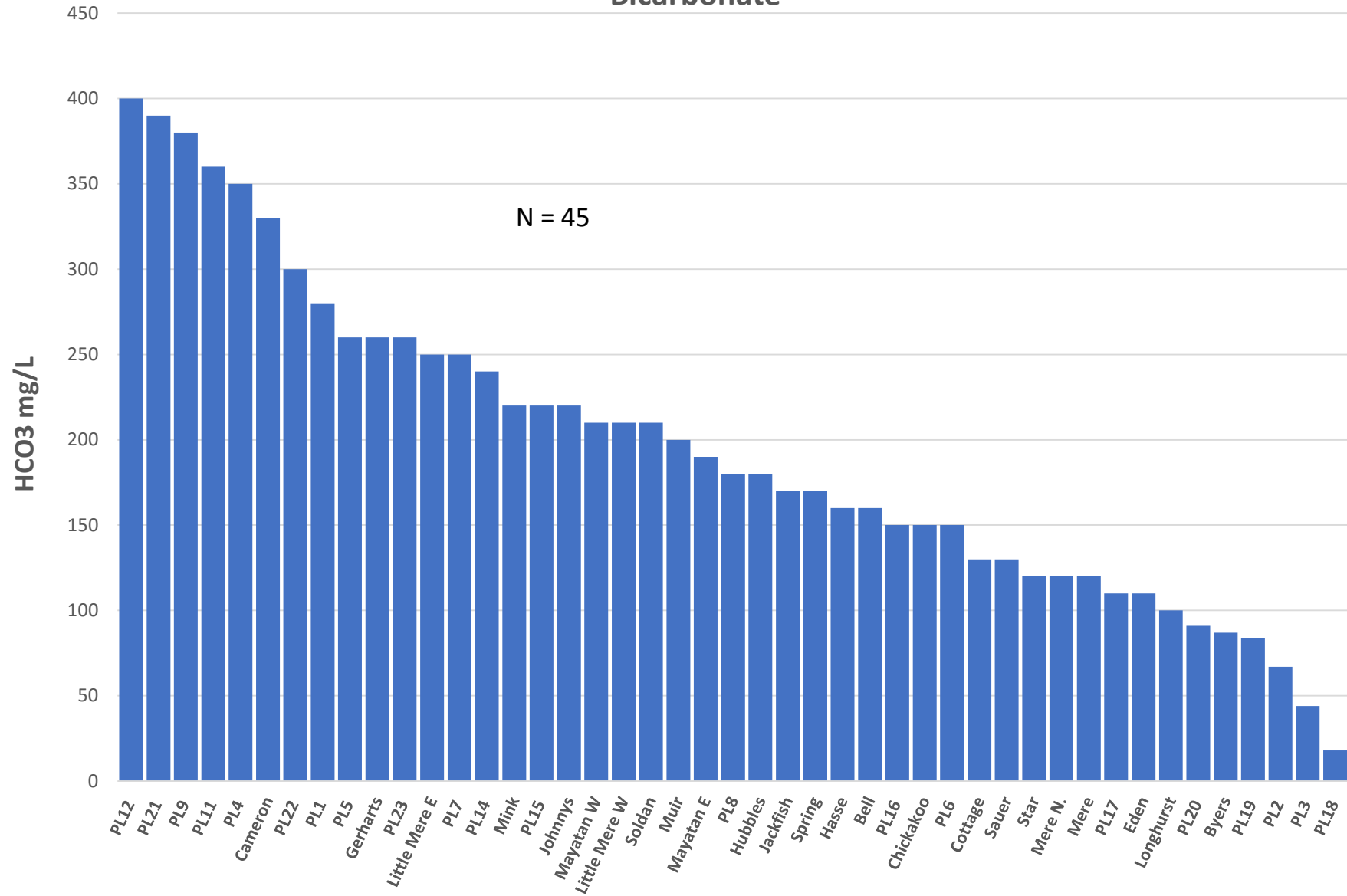




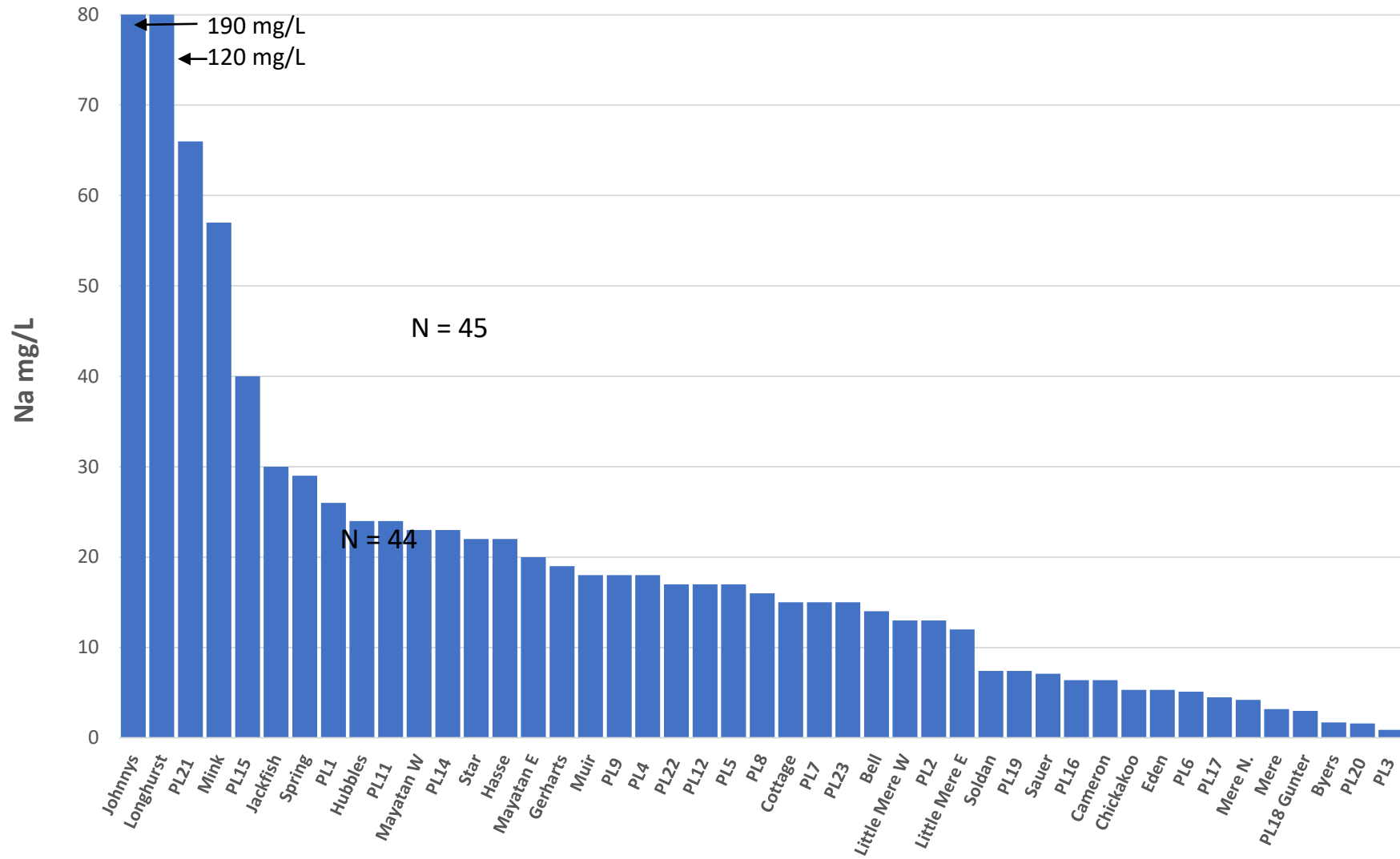
# Calcium



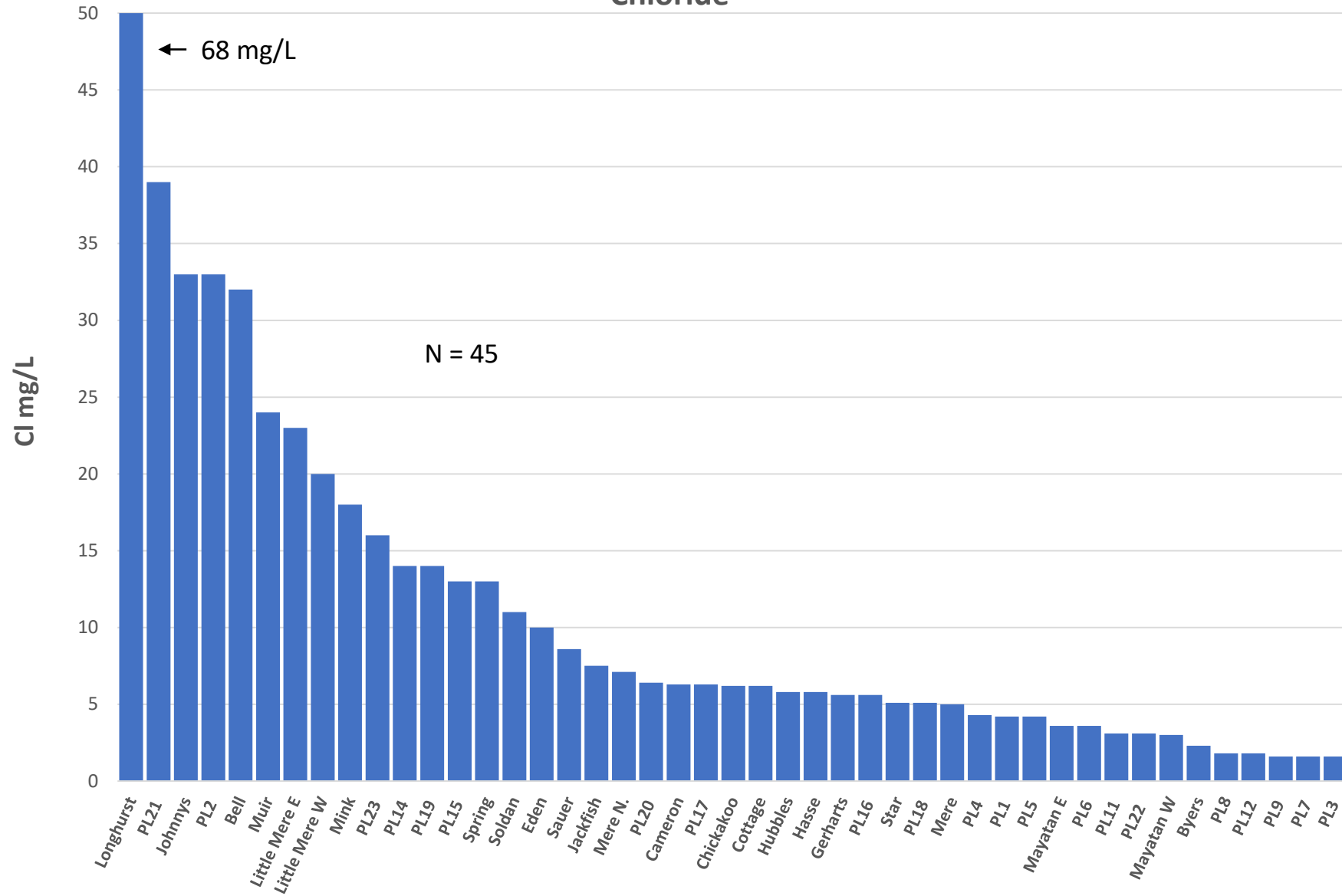
# Bicarbonate



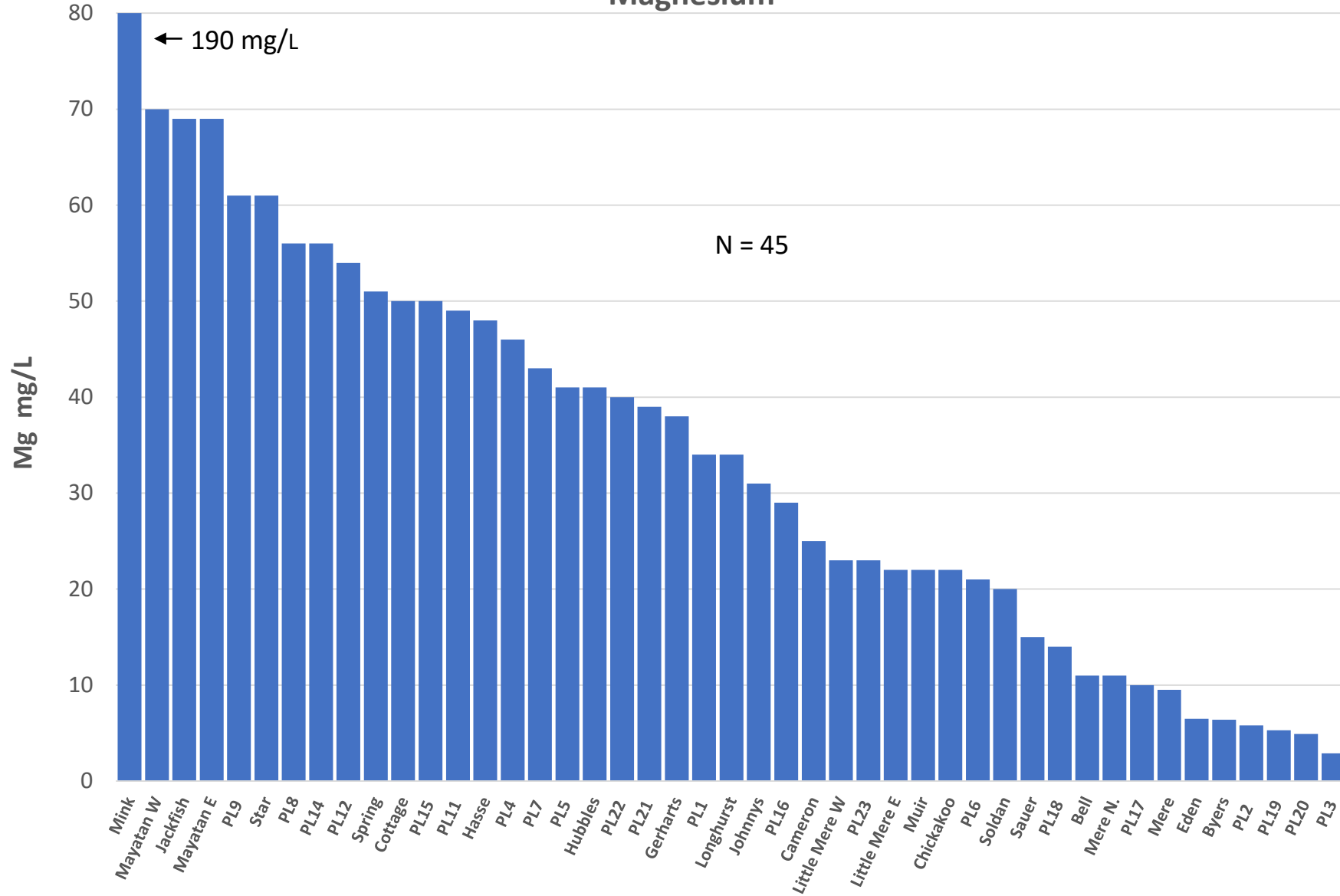
# Sodium



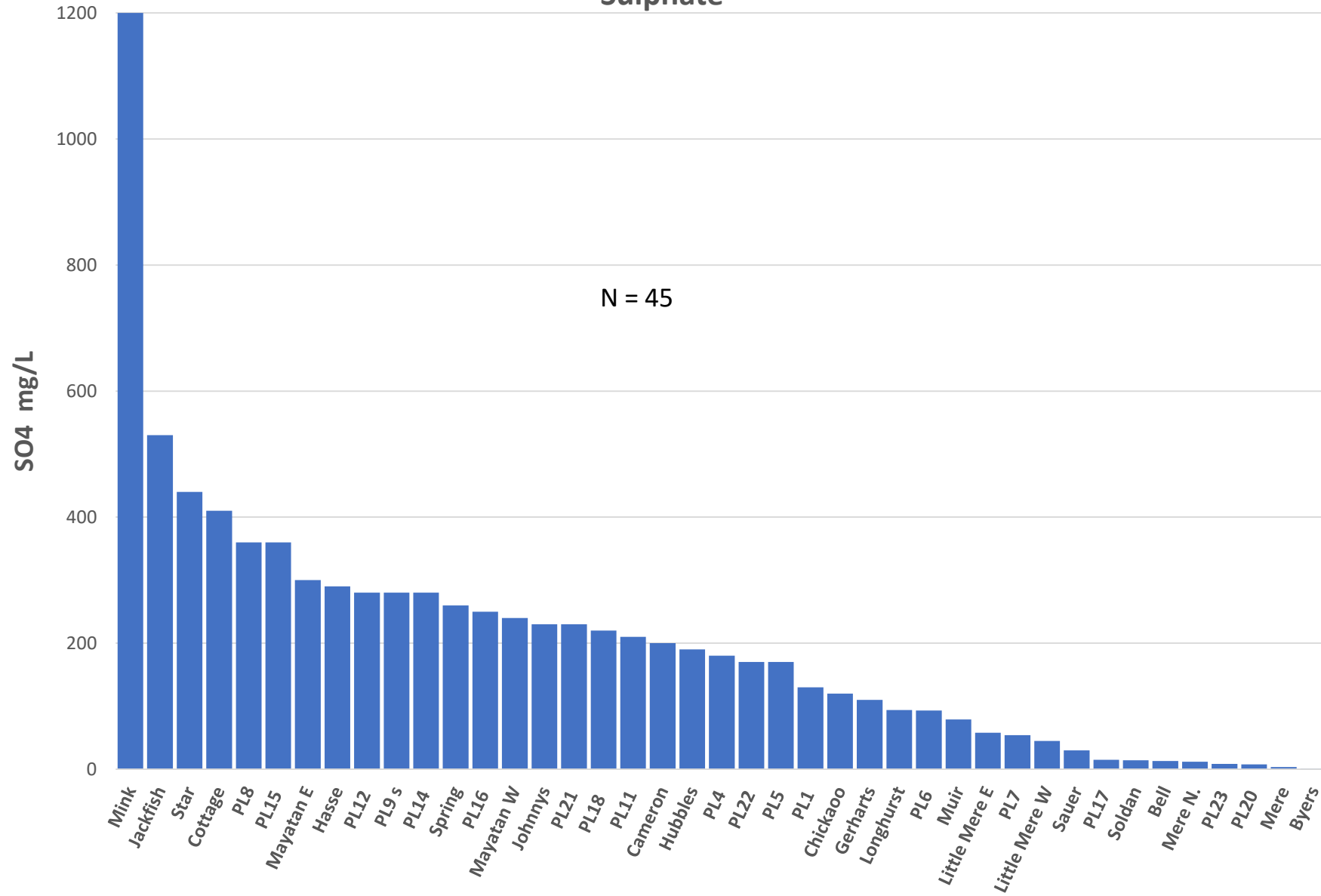
# Chloride



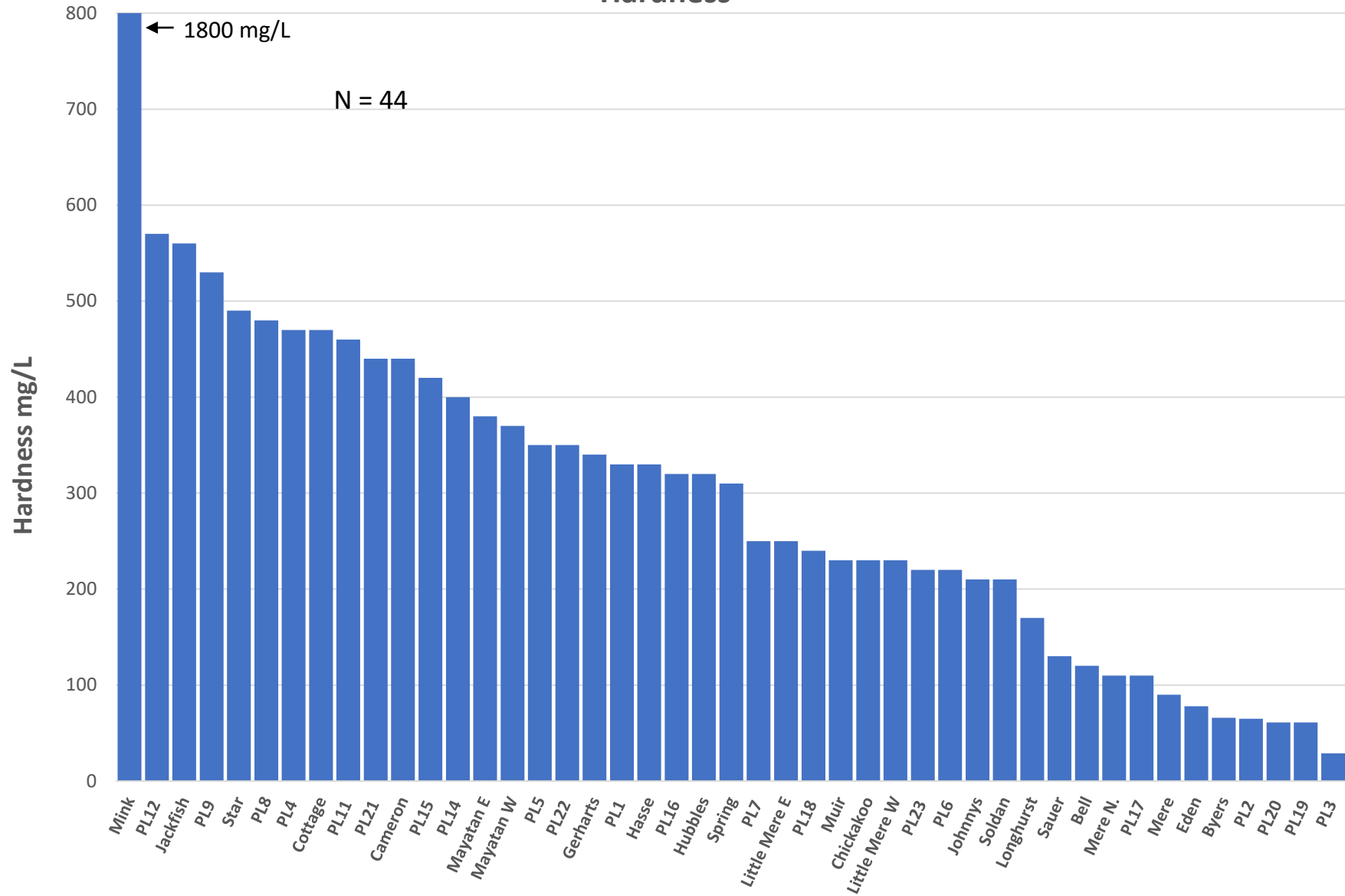
# Magnesium



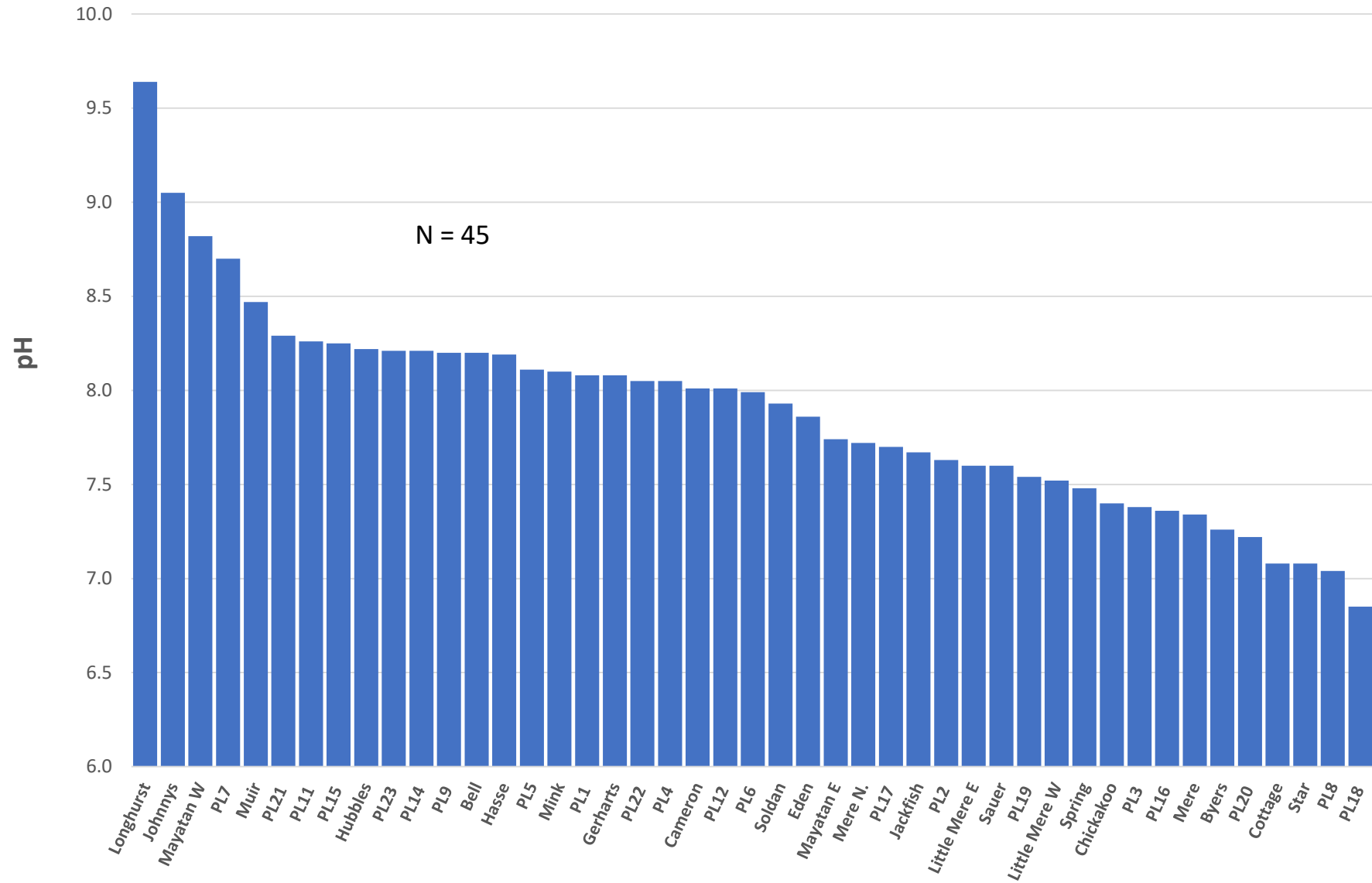
# Sulphate



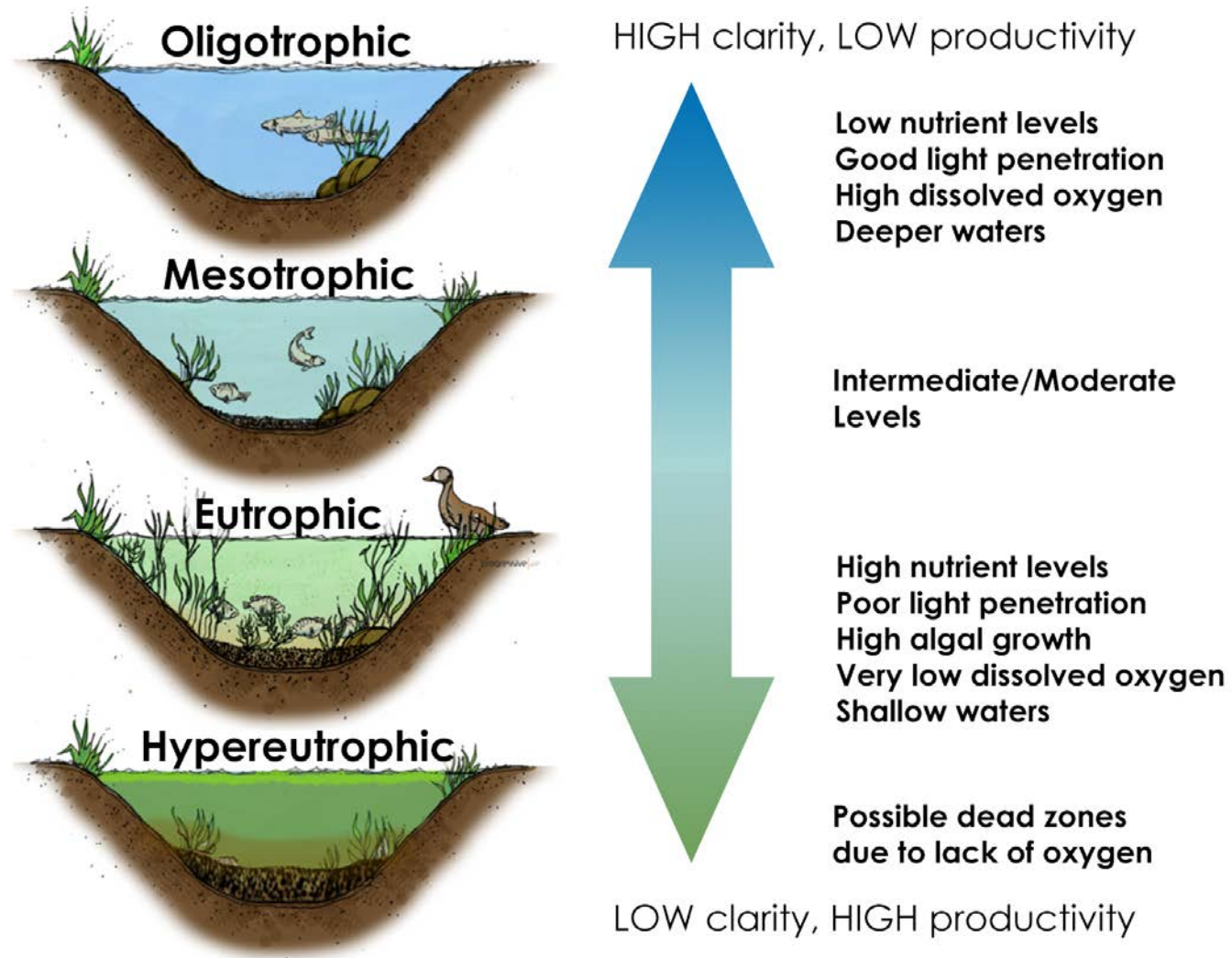
# Hardness



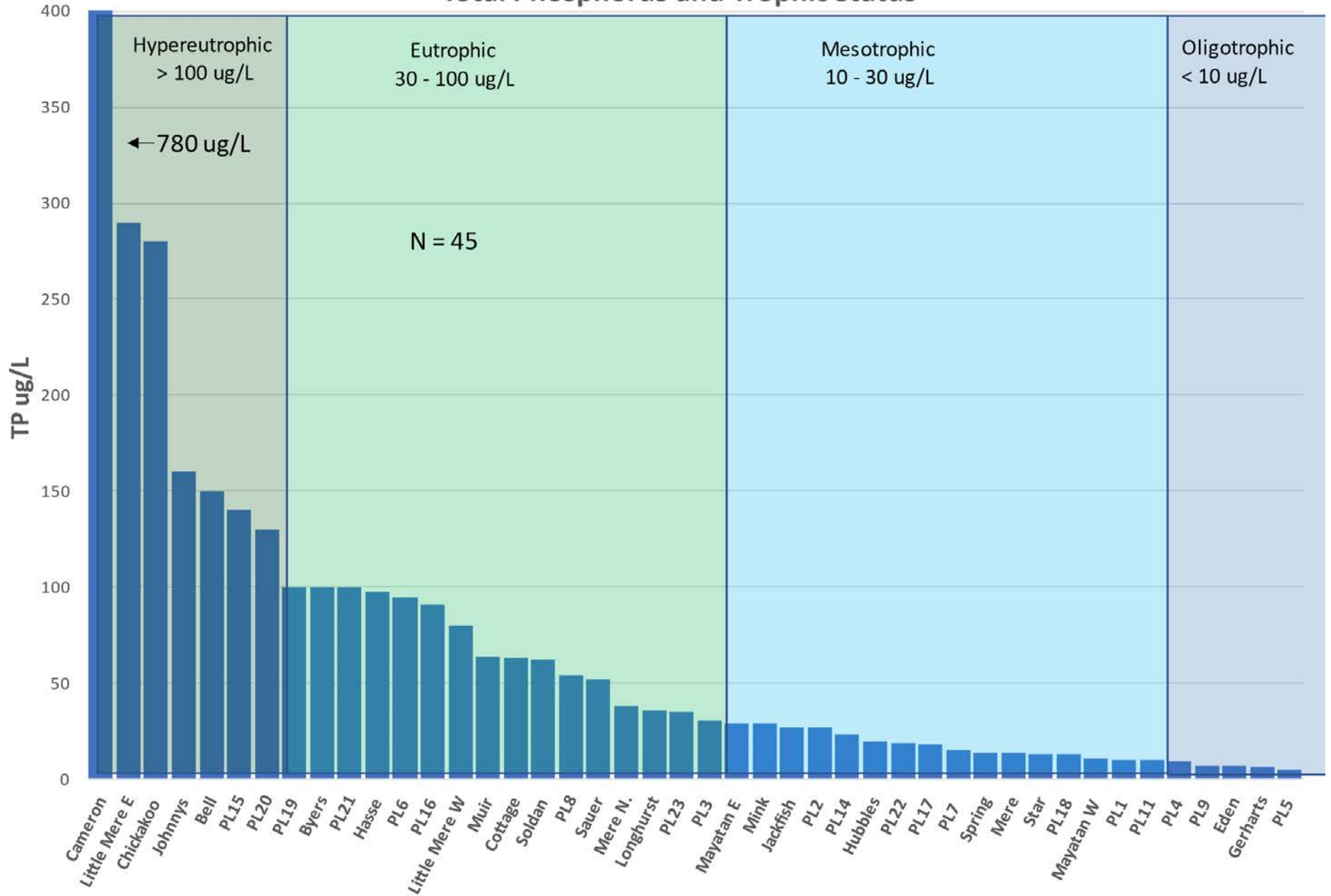
# pH



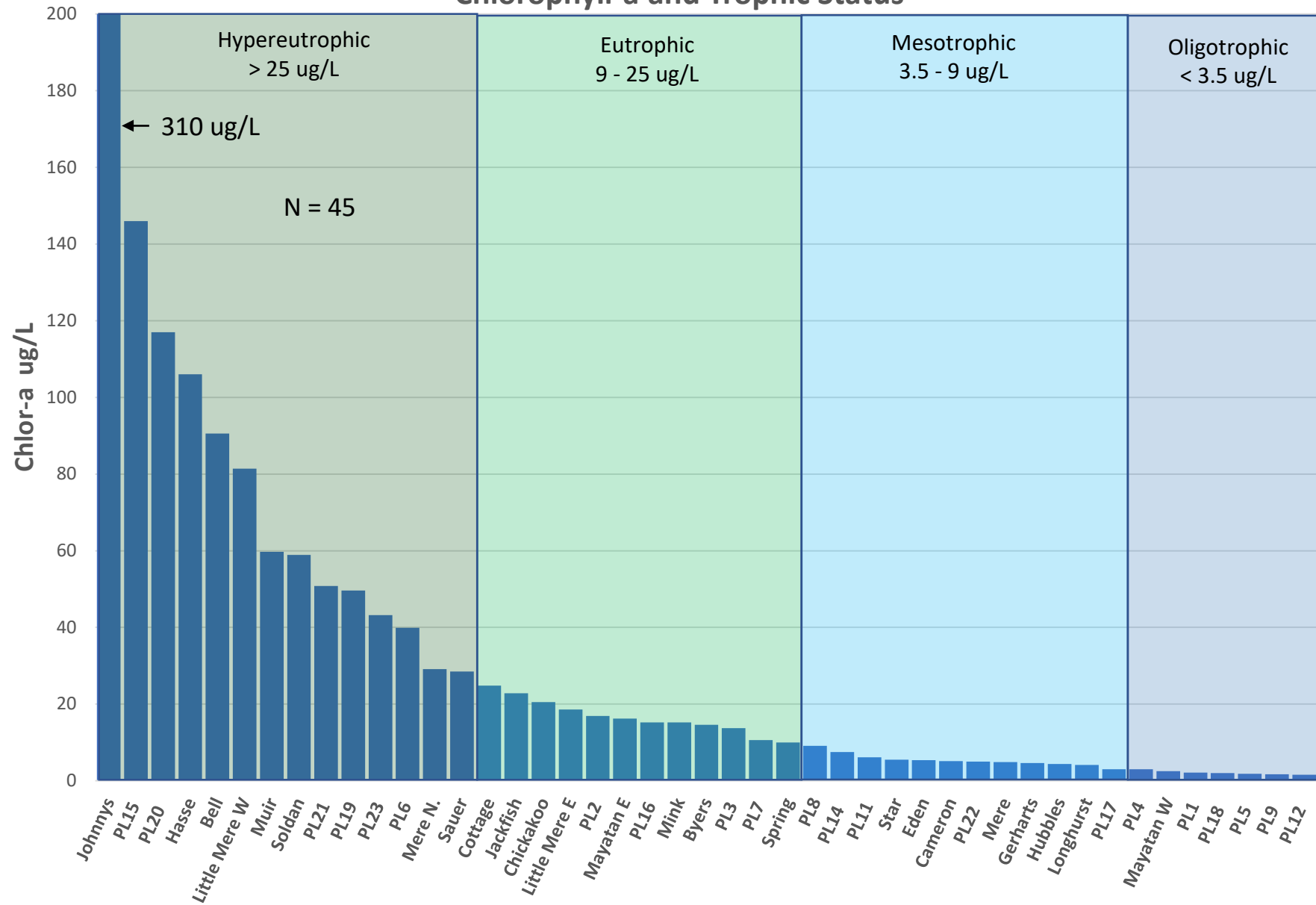




### Total Phosphorus and Trophic Status

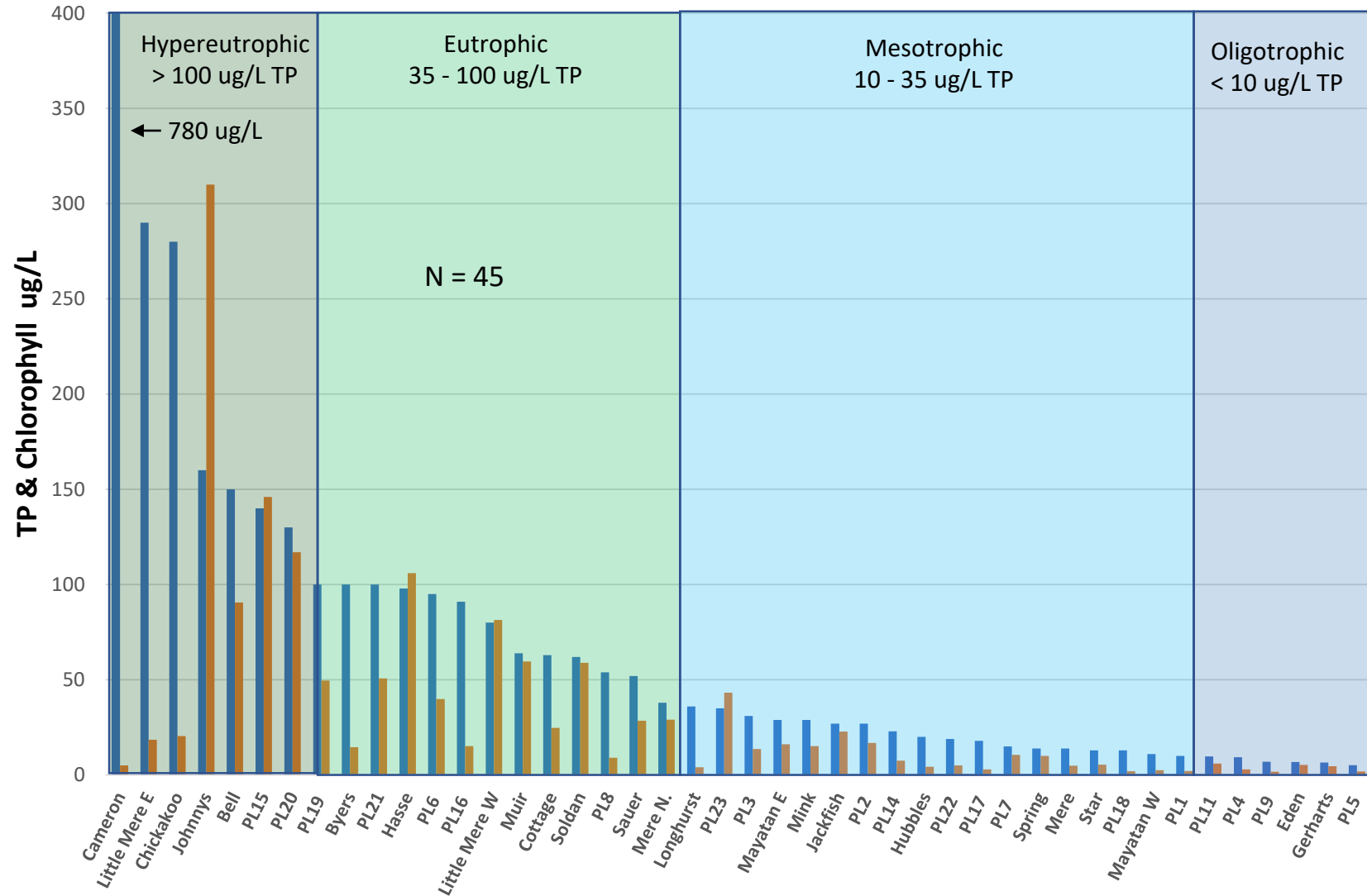


# Chlorophyll-a and Trophic Status

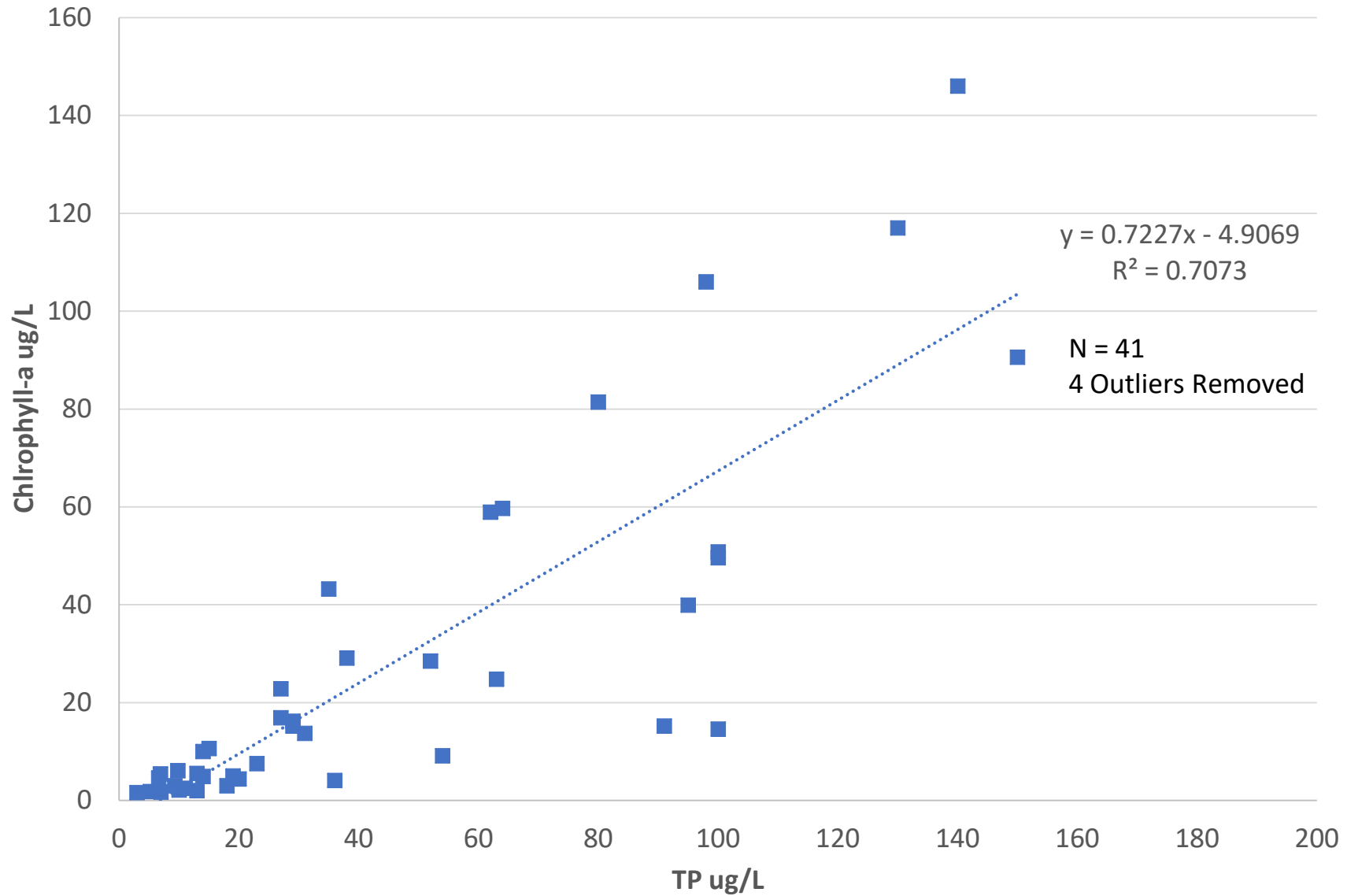


# Total Phosphorus and Chlorophyll-a

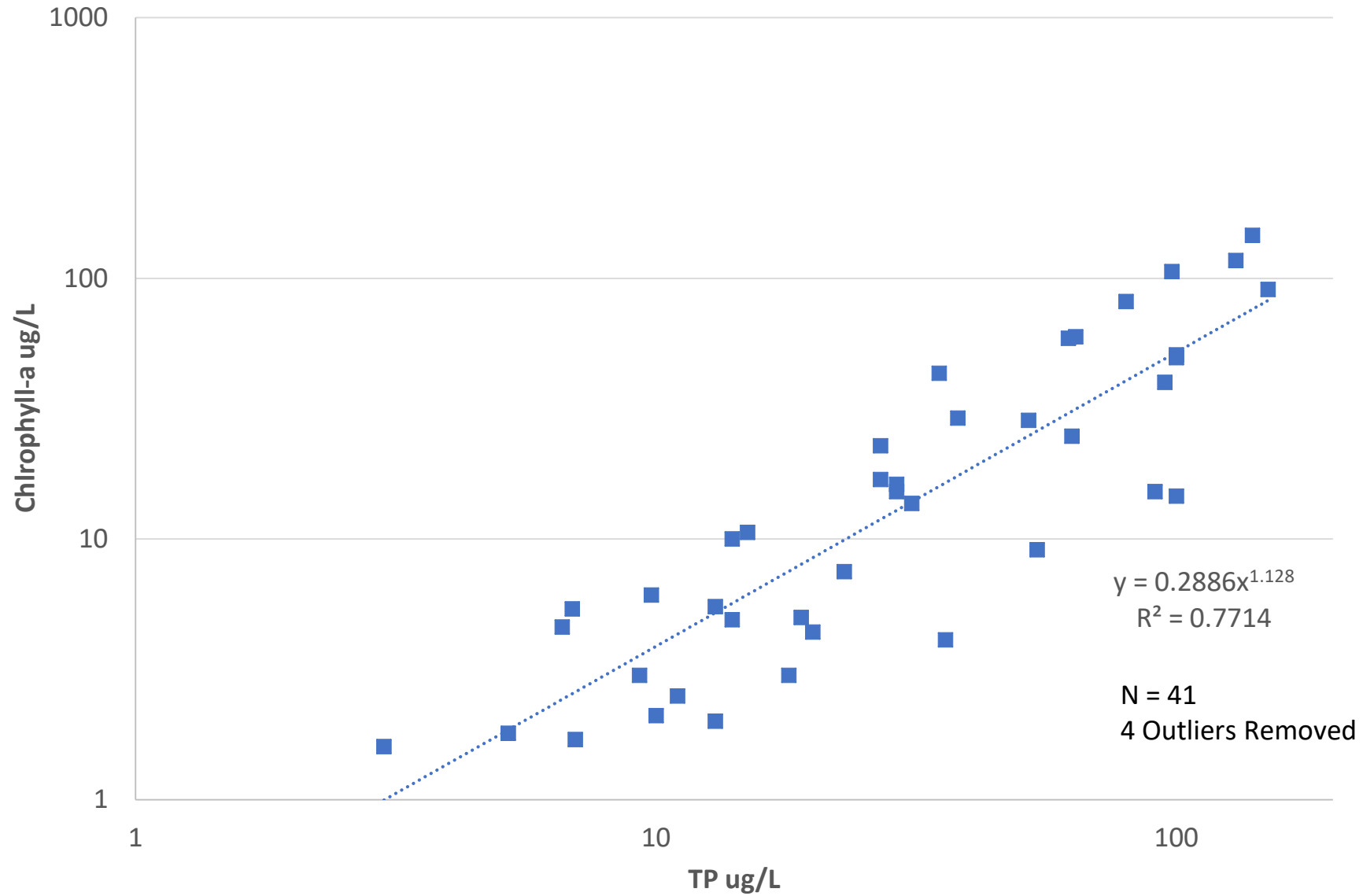
■ TP ■ Chlor-a



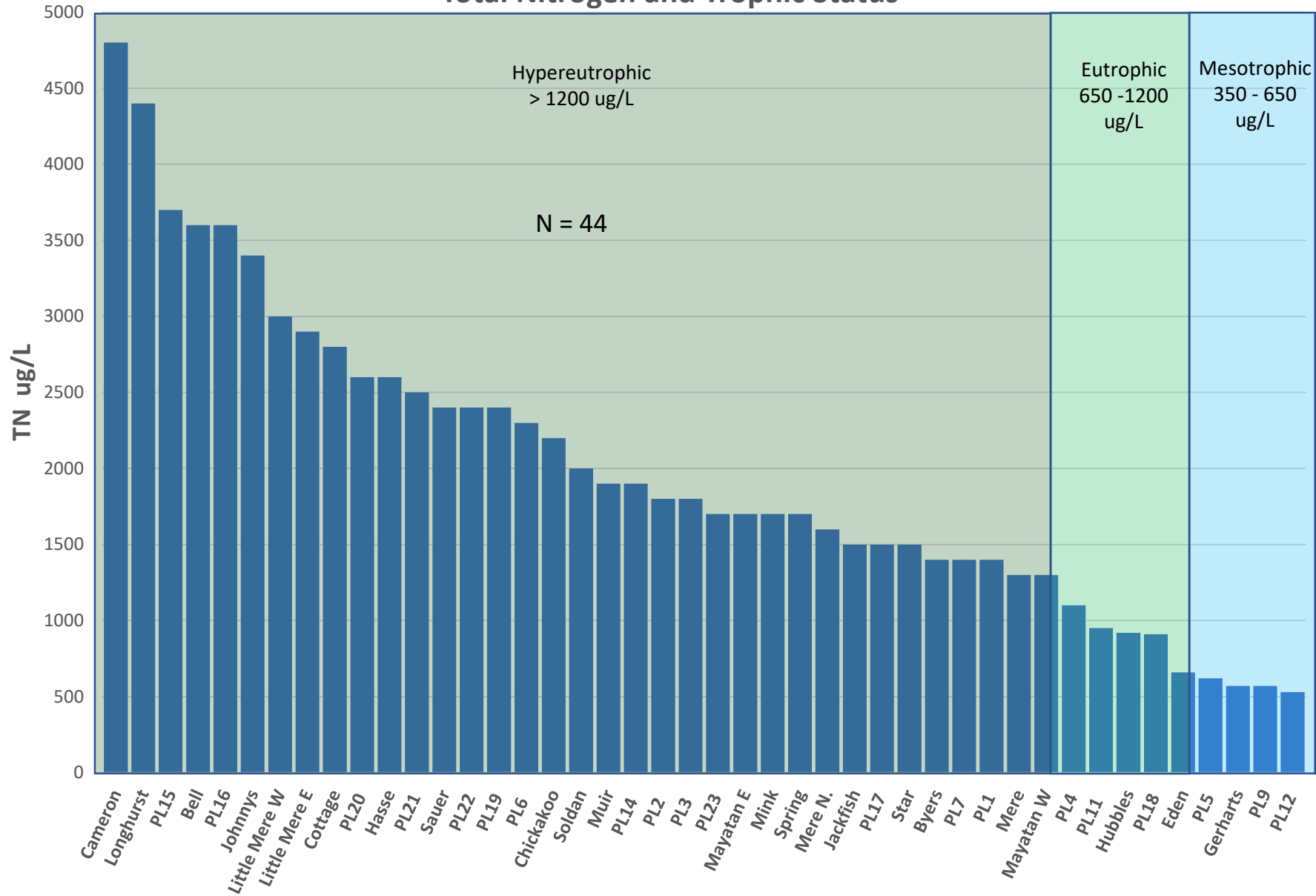
# Chlorophyll-a vs Total Phosphorus



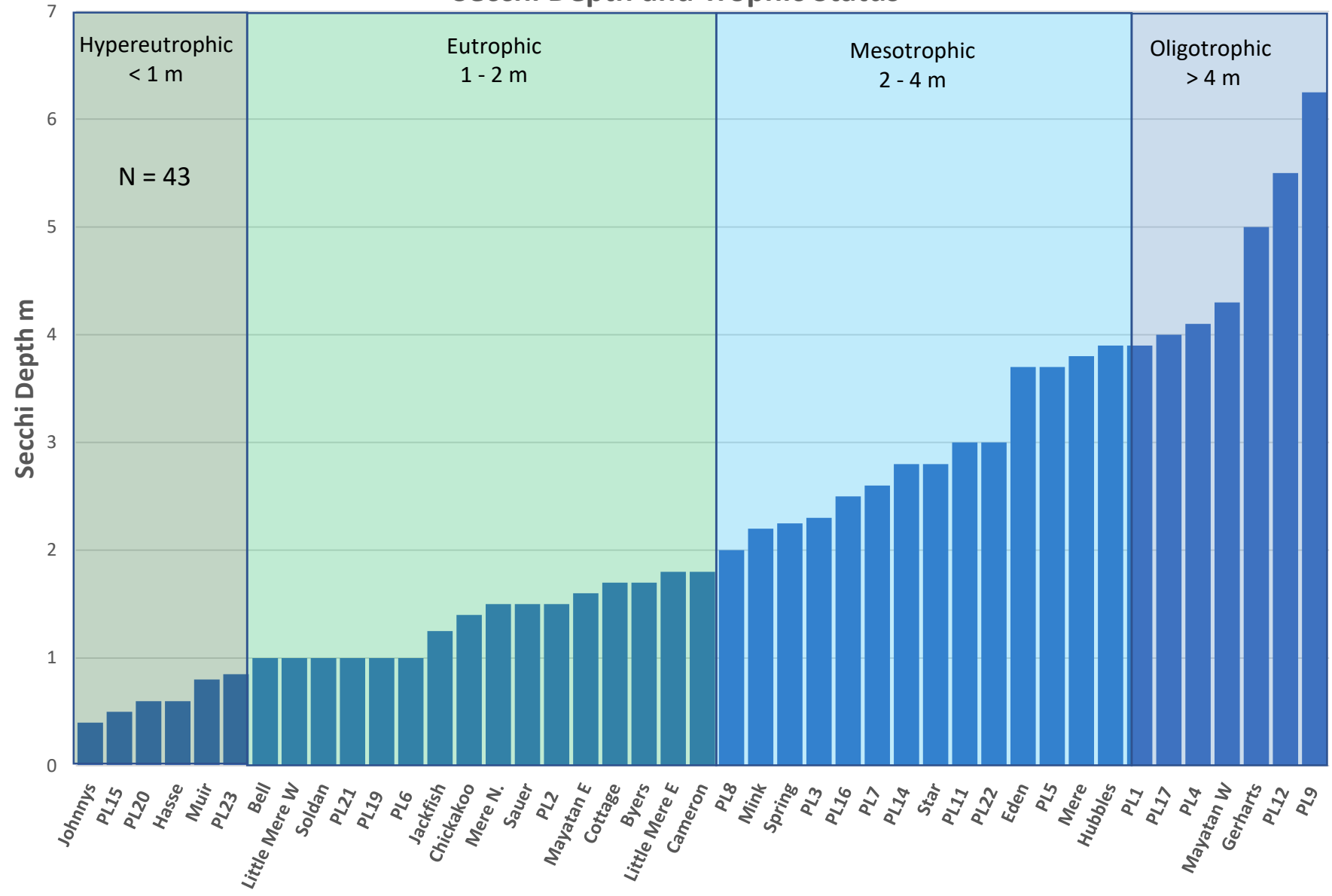
### Chlorophyll-a vs Total Phosphorus (log-log)



# Total Nitrogen and Trophic Status

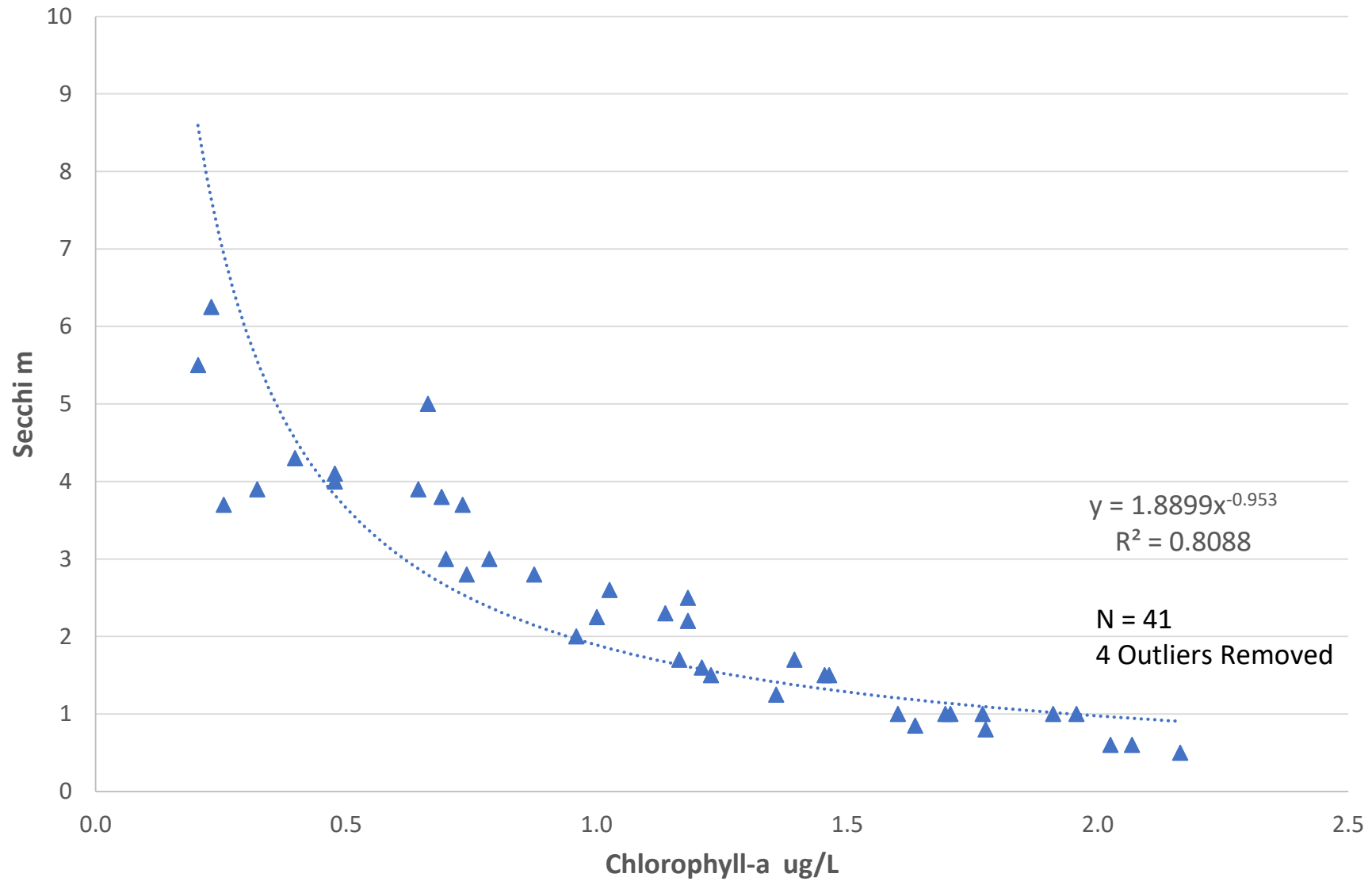


### Secchi Depth and Trophic Status





# Secchi Depth vs Chlorophyll-a



Thank you!





Thank you!







Thank you!



Thanks again!

