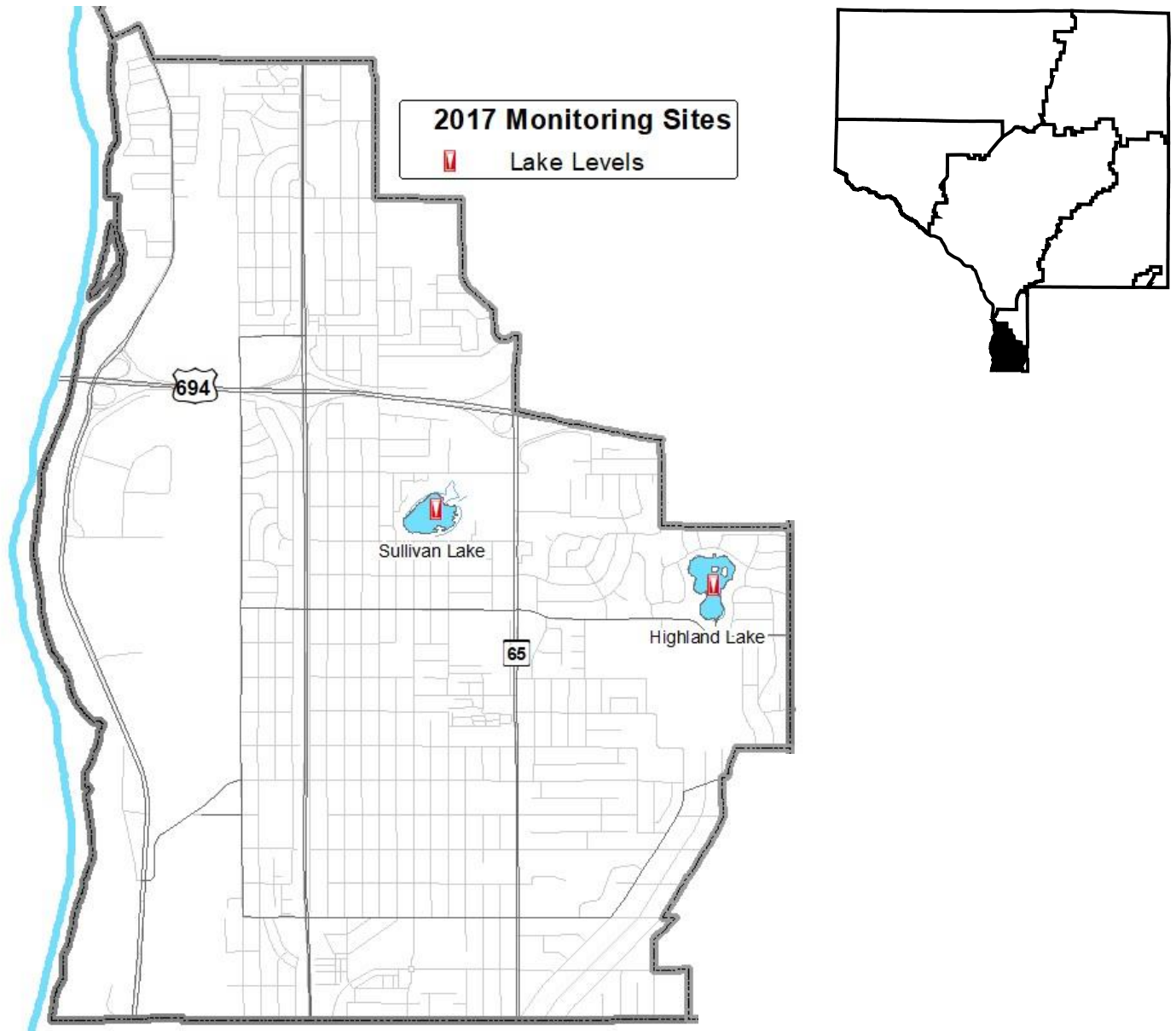


MISSISSIPPI WATERSHED MANAGEMENT ORGANIZATION

Monitoring	Partners	Page
Lake Levels	ACD, MNDNR, volunteers	2

ACD = Anoka Conservation District, MNDNR = Minnesota Department of Natural Resources,
MWMO = Mississippi Watershed Management Organization, ACAP = Anoka County Ag Preserves



Lake Levels

Description: Weekly water level monitoring in lakes. These data, as well as all additional historical data are available on the Minnesota DNR website using the "LakeFinder" feature (www.dnr.mn.us.state/lakefind/index.html).

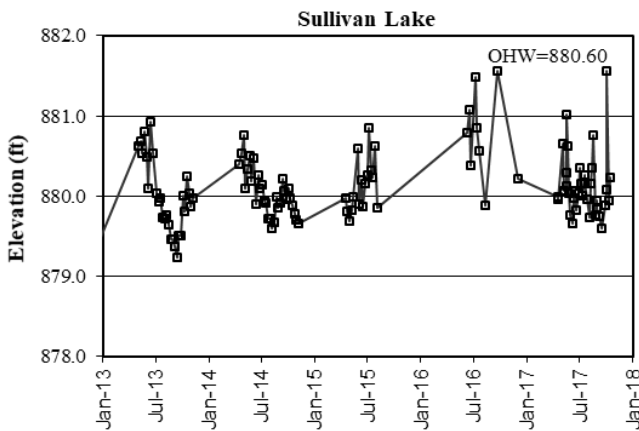
Purpose: To provide understanding of lake hydrology, including the impact of climate and water budget changes. These data are useful for regulatory, building/development, and lake hydrology manipulation decisions.

Locations: Sullivan/Sandy Lake
Highland Lake

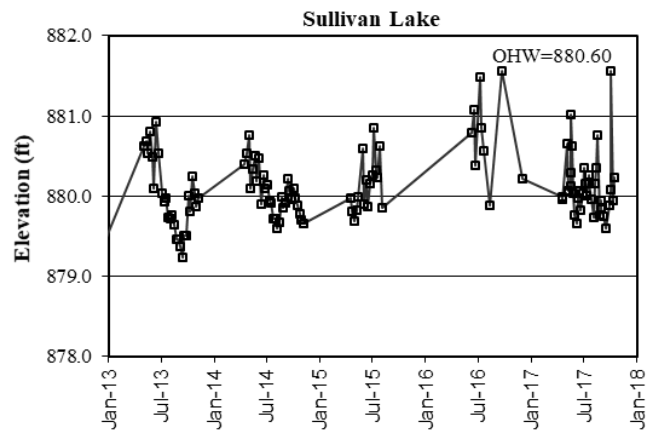
Results: Lake levels were measured 35 times at each lake April through October of 2017. Sullivan Lake water levels fluctuate widely, routinely bouncing by half a foot in response to rainfall and fluctuating just under 2 feet (1.96') over 2017. Sullivan Lake likely experiences these fluctuations because it receives a large amount of storm water relative to its size, and its outlet releases water in all but the lowest water conditions. Highland Lake fluctuated very little only ranging 0.57 ft. total throughout the season.

Raw lake level data for all sites and all years can be downloaded from the Minnesota DNR website using the "LakeFinder" tool. Ordinary High Water Levels (OHW), the elevation below which a DNR permit is needed to perform work, are listed for each lake on the graph below.

Sullivan/Sandy lake levels last 5 years



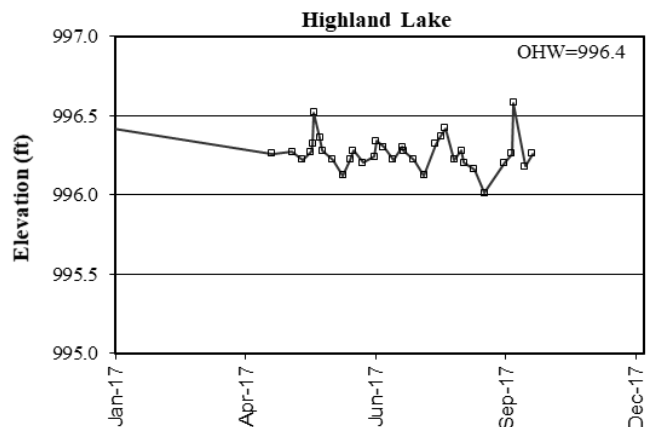
Sullivan/Sandy Lake Levels 1999-2017



Sullivan/Sandy Lake level 5 year summary

Year	Average	Min	Max
2013	880.00	879.23	880.93
2014	880.05	879.60	880.76
2015	880.14	879.69	880.85
2016	880.76	879.88	881.56
2017	880.13	879.60	881.56
5-year	880.13	879.23	881.56

Highland Lake levels 2016-2017



Highland Lake level 2016-2017 summary

Year	Average	Min	Max
2016	996.40	996.24	996.75
2017	996.27	996.01	996.58