

Water Quality Report

Lake Cane Restoration Society
Board Meeting
2019-02-07

LAKEWATCH Data

Overall Quality

June 12, 2018

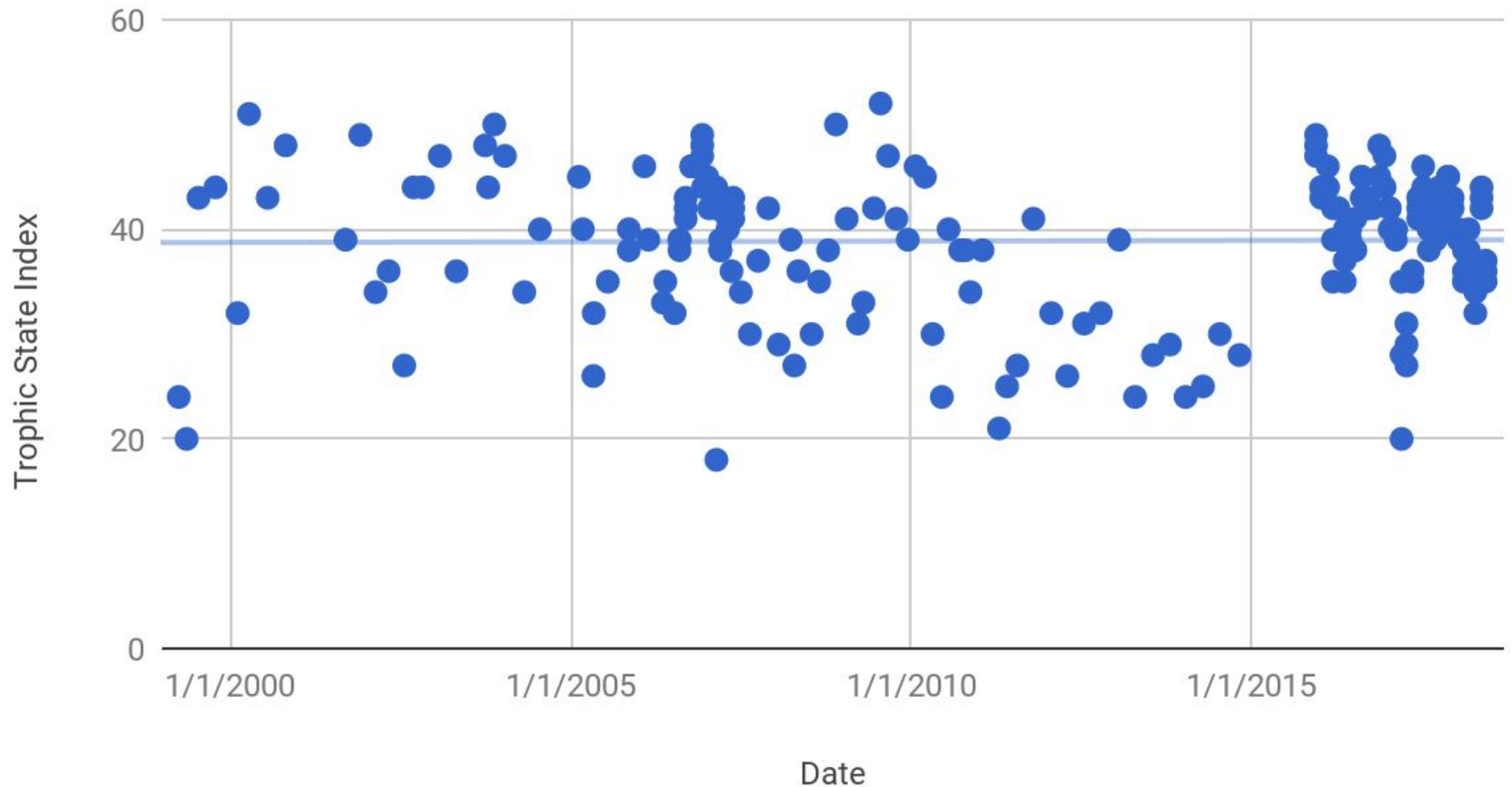
lower is better

- GOOD 35
- Last report (from December 2017) 42
- June average 37
- June 2017 42
- June 2016 39
- Best value September 2002 - 18
- Worst value October 2014 - 52

LAKEWATCH Data

Overall Quality

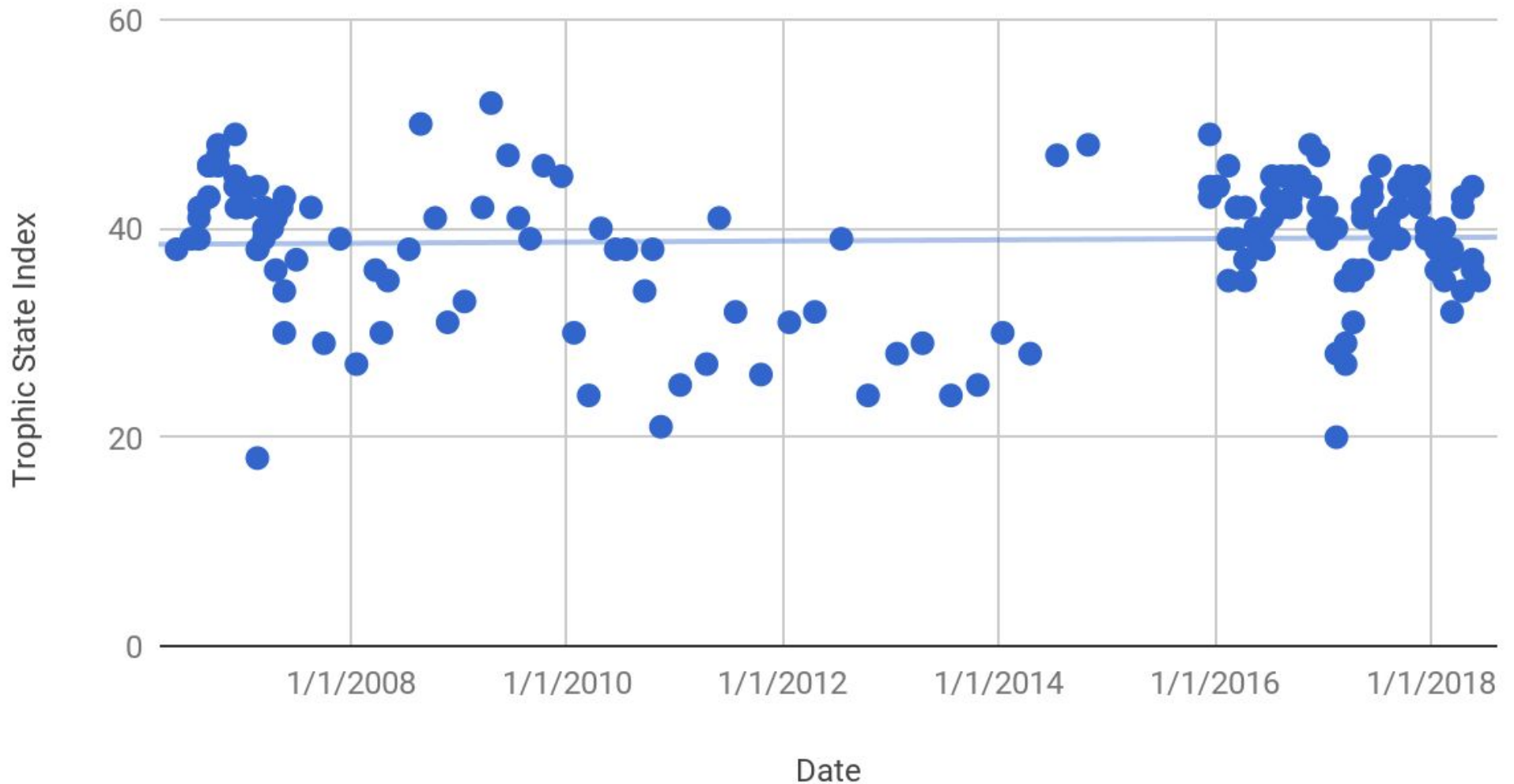
Water Quality Over Time



LAKEWATCH Data

Overall Quality

Water Quality Over the Past Ten Years



LAKEWATCH Data

Secchi Depth

June 12, 2018

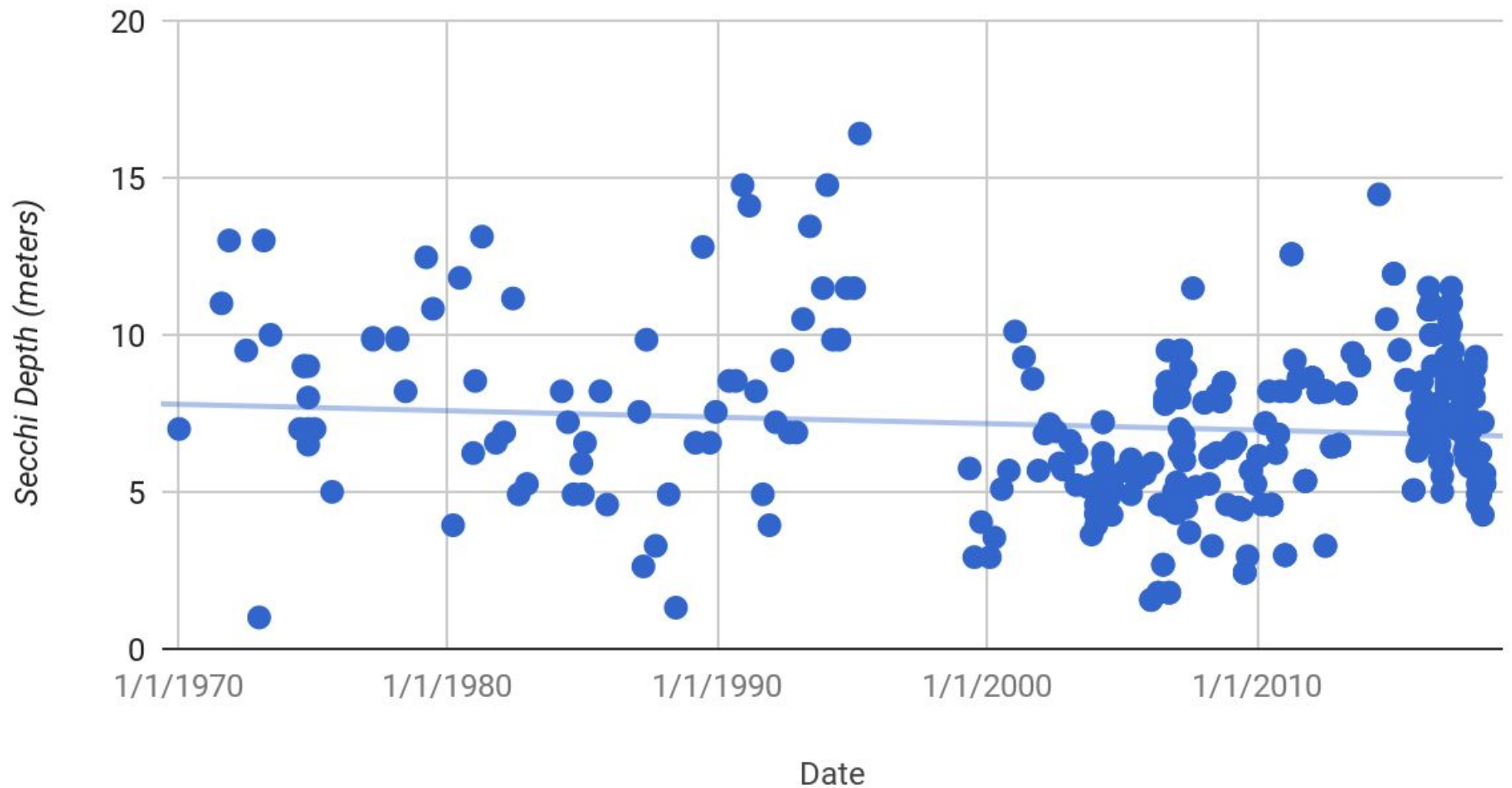
visibility - higher is better - units are feet

- Mesotrophic 8.5
- Last report (February 2018) 9.2
- June average 8
- June 2017 6
- June 2016 6
- July 2015 (no data from June) 7
- best value April 1995 - 16.4
- worst value January 1973 - 1

LAKEWATCH Data

Secchi Depth

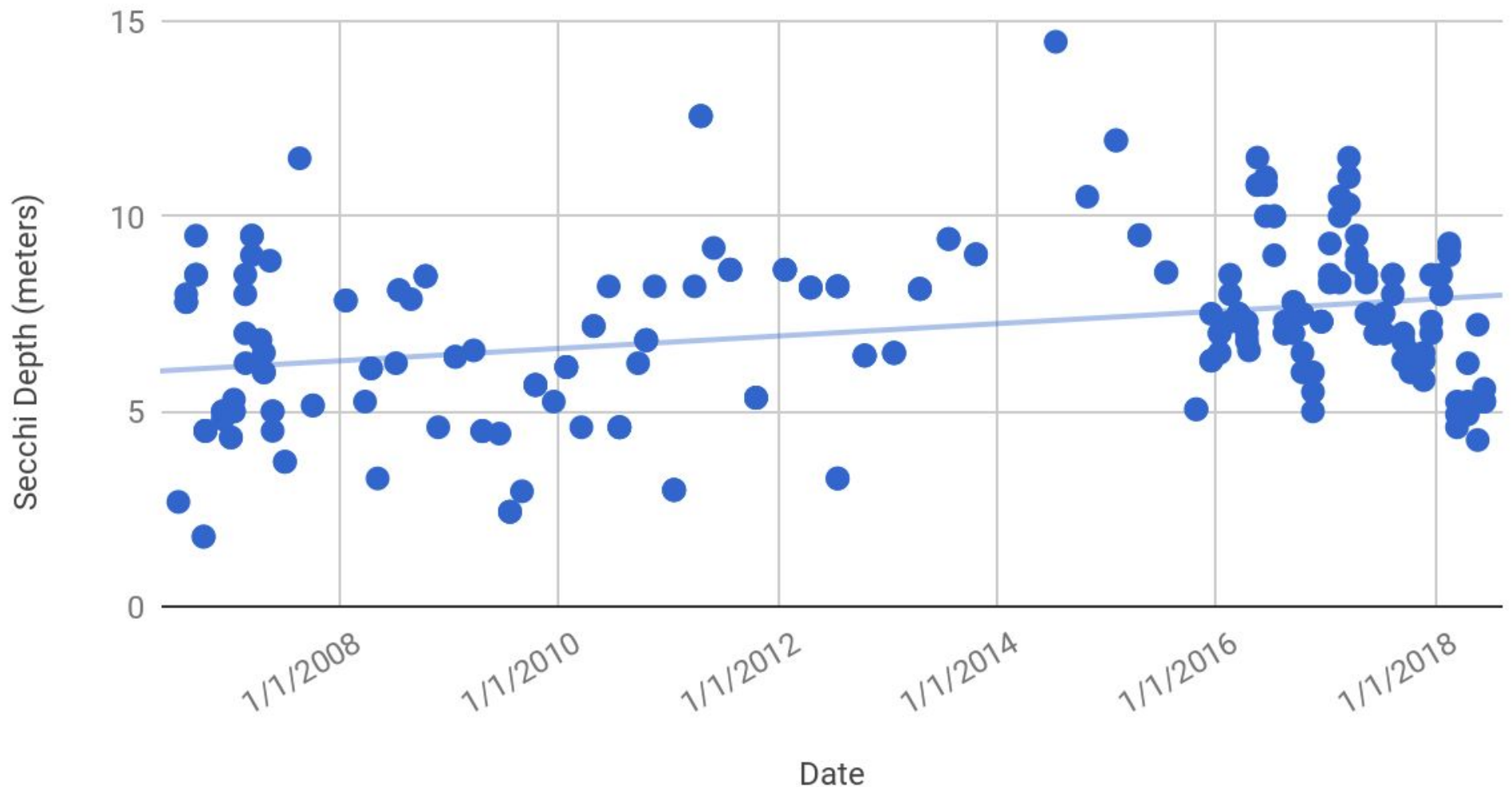
Visibility over Time



LAKEWATCH Data

Secchi Depth

Visibility over the past ten years



LAKEWATCH Data

Phosphorus Level

June 12, 2017

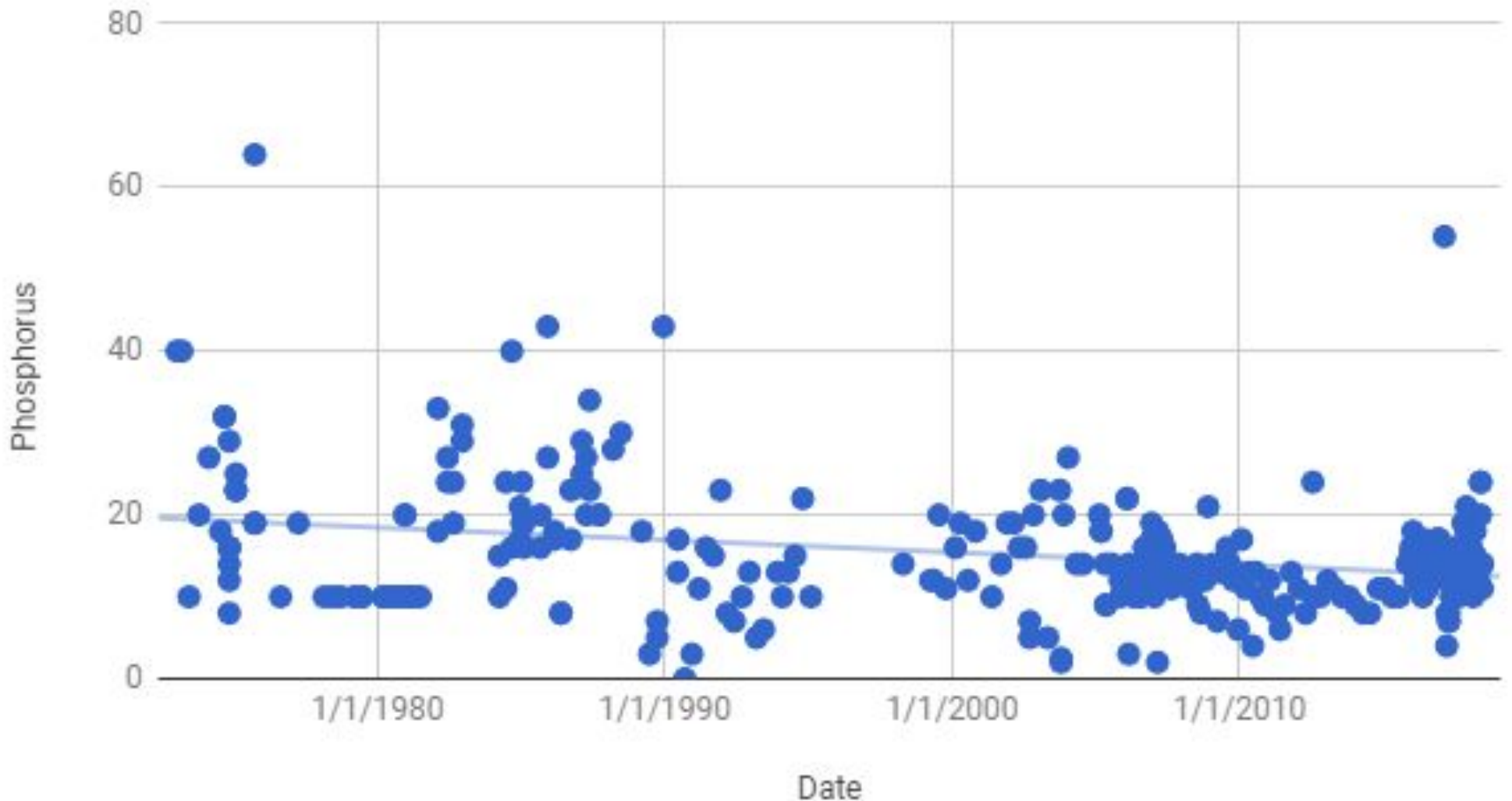
lower is better & units are $\mu\text{g/L}$

- oligotrophic 13
- last report (from December 2017) 12
- June average 13
- June 2017 13
- June 2016 16
- Best result February 1967 - 0
- Worst result May 2016 - 32000

LAKEWATCH Data

Phosphorus Level

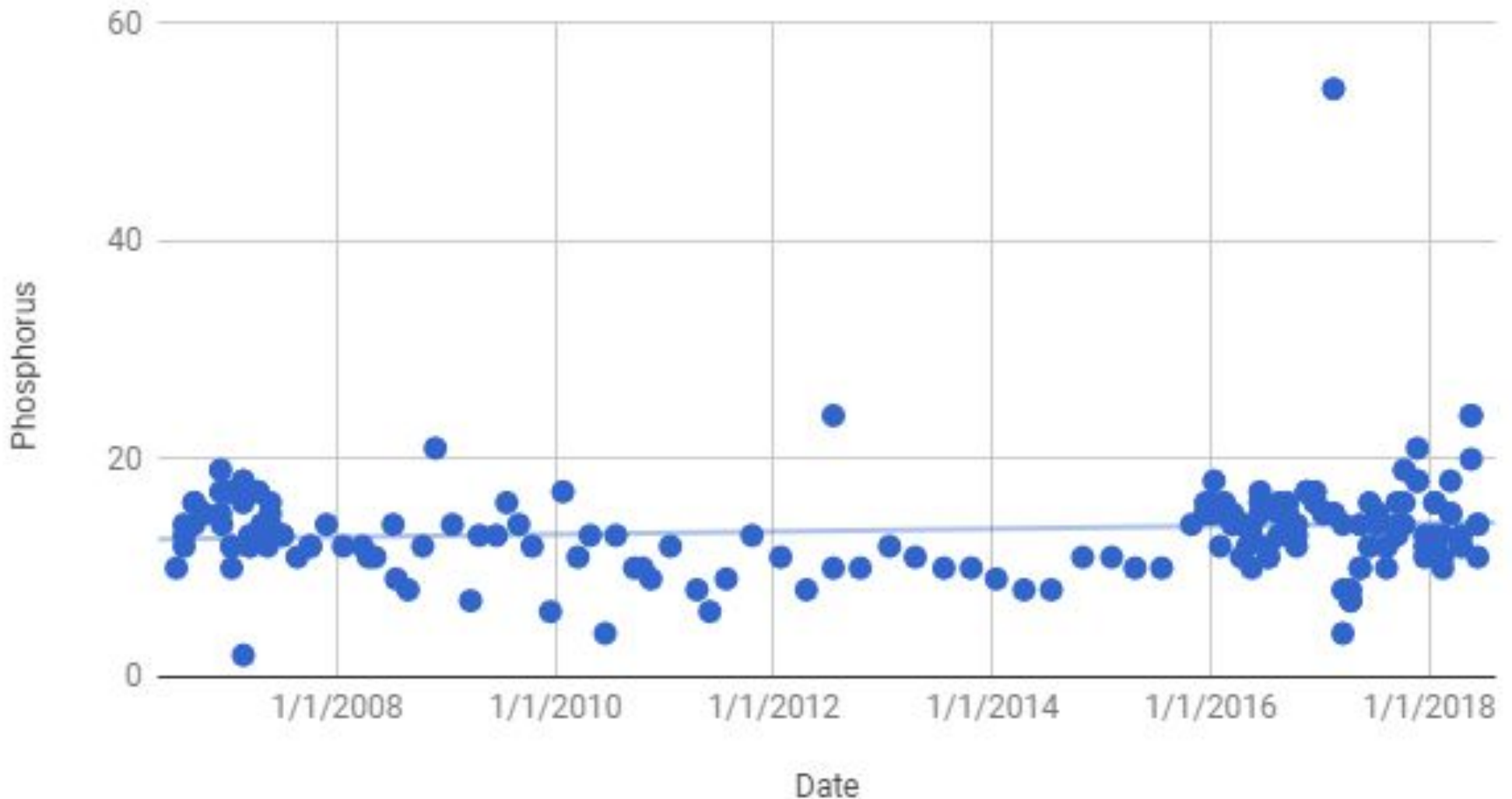
Phosphorus over Time



LAKEWATCH Data

Phosphorus Level

Phosphorus Over the Past Ten Years



LAKEWATCH Data

Nitrogen Level

June 12, 2017

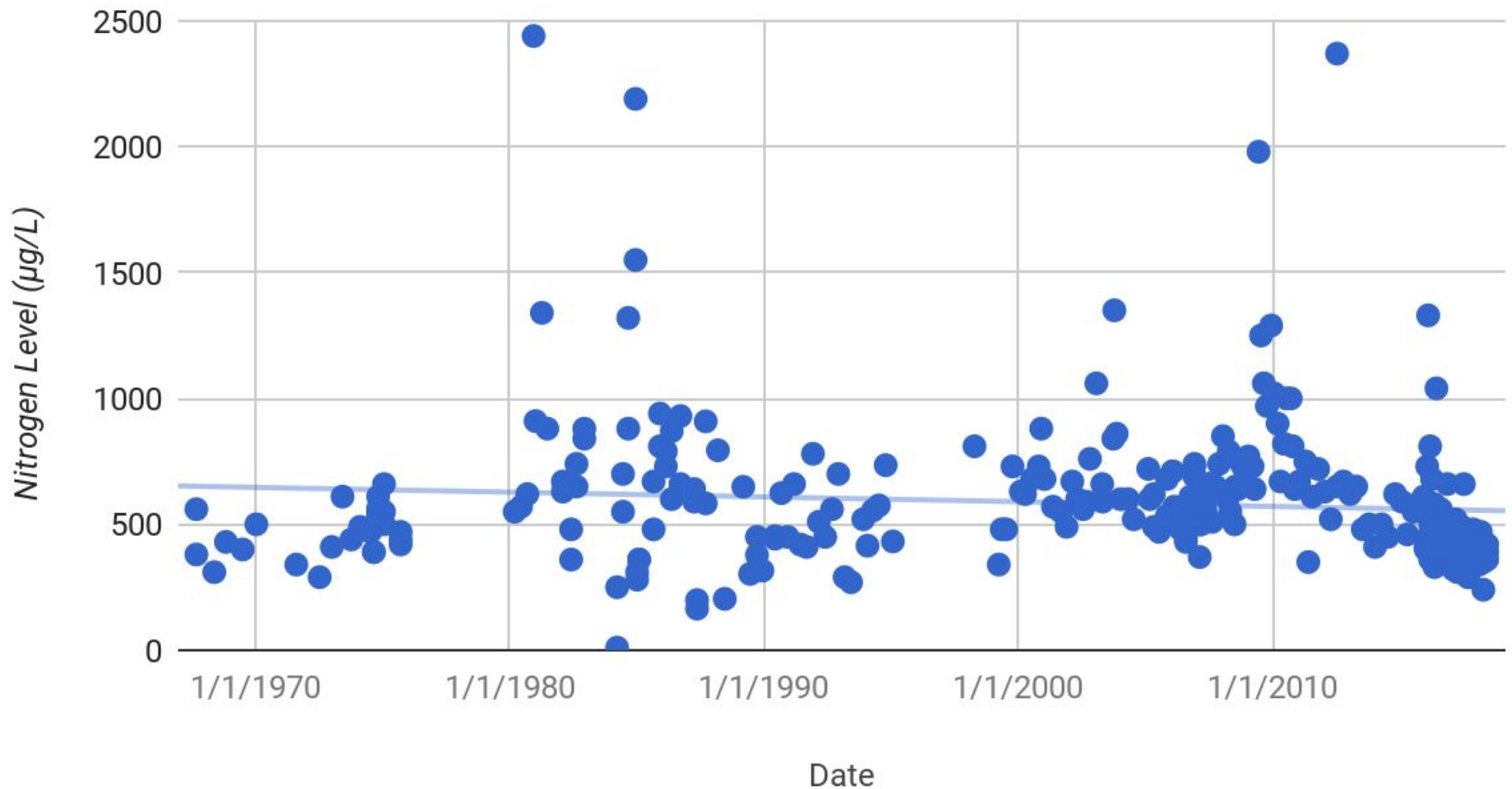
lower is better & units are $\mu\text{g/L}$

- oligotrophic 360
- Last report (December 2017) 427
- June average 548
- June 2017 437
- June 2016 643
- best result March 1984
- worst result December 1980

LAKEWATCH Data

Nitrogen Level

Nitrogen Level over Time



LAKEWATCH Data

Nitrogen Level

Nitrogen Level over the past 10 years

