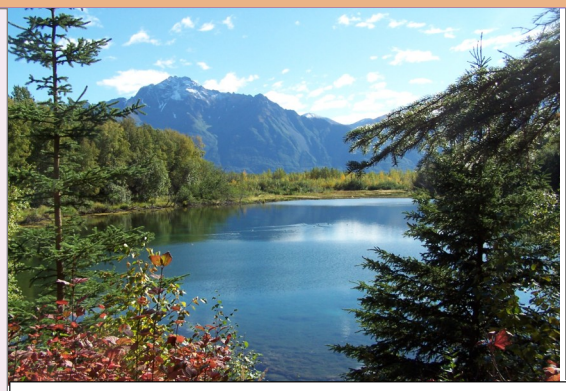
Matanuska-Susitna Borough Volunteer Lake Monitoring Program

Juke's Lake
2014 Data Summary

Juke's Lake Snapshot

Years Monitored: 6
Total # of Events: 14
2014 Events: 1
Total Hours Monitored: 21



Observations

Wildlife Observed:
Ducks
Fish
Gulls
Ravens

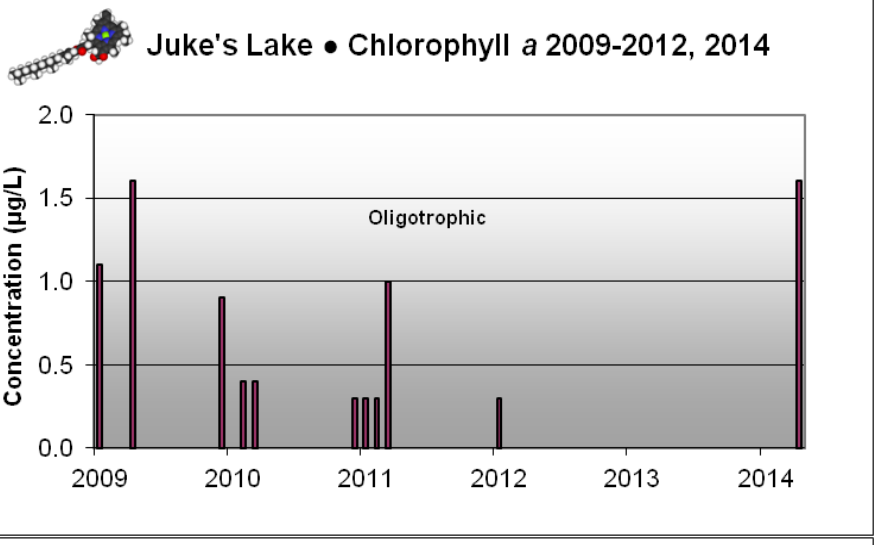
Water Level:
Medium

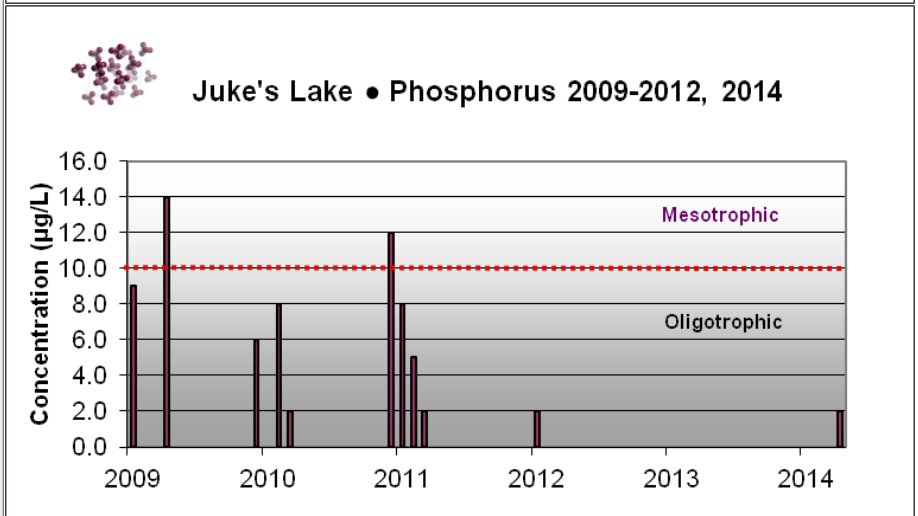
Water Color:
Clear/blue

Algae:
None

Aquatic Plants:
Moderate; floating and submerged; spotty distribution.

Additional Comments:
No beaver





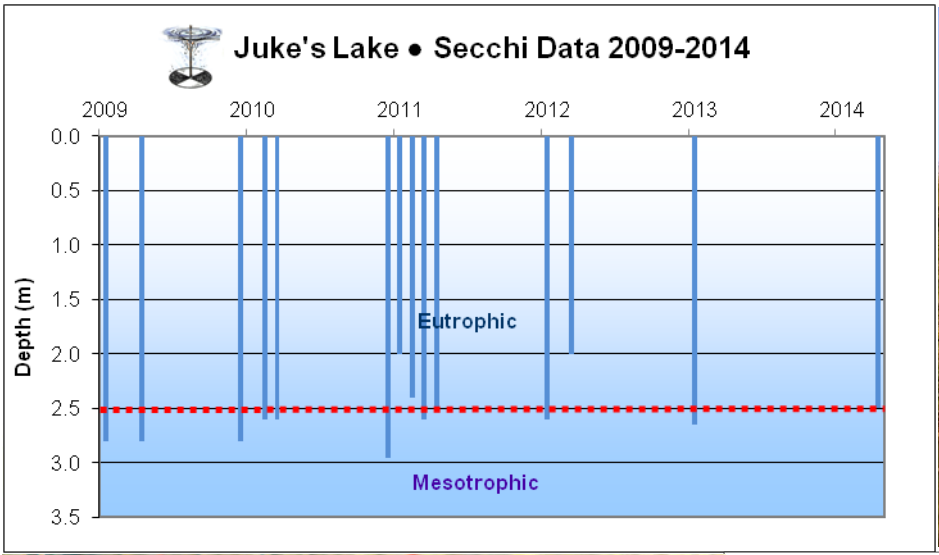
Juke's Lake Profile Measurements

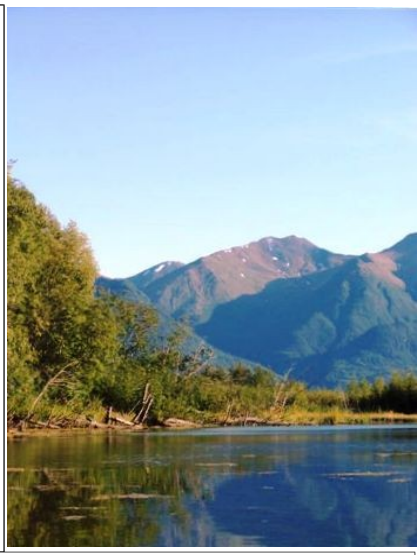
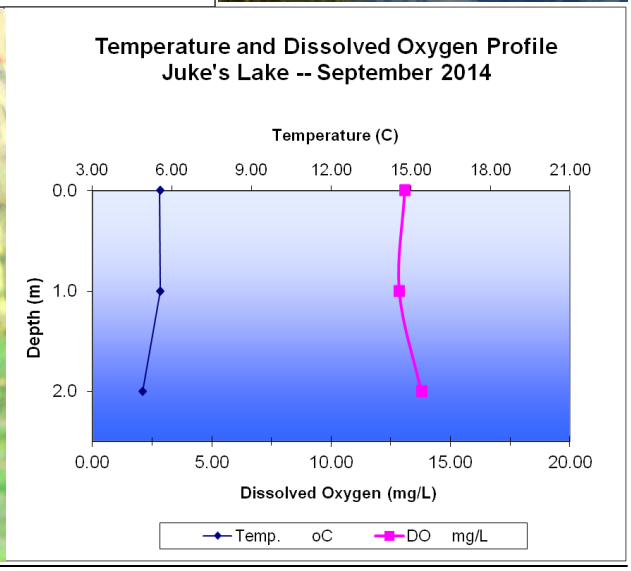
Juke's		Depth (m)	Temperature (oC)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	pH (SU)	Secchi Depth mean (m)	
Date	9/29/2014	**0.0**	5.54	0.353	13.08	8.99	2.50	
Site Depth (m)	2.50	**1.0**	5.56	0.353	12.85	8.99		
Phosphorus (µg/L)	2.0	**2.0**	4.89	0.355	13.78	8.99		
Chlorophyll a (µg/L)	1.6							
ChlA	**TP**	**Depth**	**T°**	**Cond**	**DO**	**pH**	**Secchi**	
1.6	***2.0***	***2.50***	5.56	0.355	13.78	8.99	***2.50***	**Max**
1.6	***2.0***		4.89	0.353	12.85	8.99	***2.50***	**Min**
1.6	***2.0***		5.54	0.353	13.08	8.99	***2.50***	**Med**
1.6	***2.0***		5.33	0.354	13.24	8.99	***2.50***	**Ave**
NA	***NA***		0.38	0.001	0.48	0.00	***NA***	**StDev**

Bold & Italics: *Values based on only one monitoring event*

Highlighted data does not meet Alaska Water Quality Standards (WQS)

The Alaska Water Quality Standards do not apply absolutely to lakes without taking multiple factors into account. For more information on WQS, please see http://www.dec.state.ak.us/water/wqsar/wqs/.





Raven