

# Spofford Lake Association

## Spofford Lake Water Quality

Parameter	Water Clarity	pH	Conductivity	Phosphorous	Phosphorous	ANC	Chlorophyll-a	Turbidity
	Secchi Disc							Median
Location	Deep Spot	Upper Layer	Middle Layer	Upper Layer	Lower Layer	Upper Layer	comb layers	Middle Layer
Units	meters		uMhos/cm	ug/L	ug/L	mg/L	mg/m3	NTU
1988	8.40	7.03	92.05	2.5	10.3	6.23	2.76	
1990	8.83	7.03	98.70	11.0	20.7	5.60	3.39	
2000	6.87	7.03	126.33	6.0	5.5	7.57	2.65	0.30
2001	8.27	7.06	125.47	5.7	23.0	7.77	2.09	0.25
2002	7.67	7.01	133.37	8.7	24.3	7.03	3.78	0.38
2003	8.33	6.90	133.30	6.3	15.0	8.40	2.03	0.63
2004	8.43	6.91	126.87	7.7	27.0	7.30	1.86	0.64
2005	9.08	7.10	131.23	7.0	29.7	9.30	2.37	0.47
2006	8.79	6.94	125.90	8.7	28.3	7.30	1.57	0.55
2007	9.13	7.08	116.07	7.2	18.7	8.2	2.48	0.53
2008	9.41	6.92	118.16	6.3	14.5	7.6	3.46	0.97
2009	9.30	7.02	121.30	3.14	12.7	8.9	1.94	0.66
2010		6.96	125.00	4.75	19	8.1	1.18	0.59
<b>2011</b>	<b>7.70</b>	<b>7.07</b>	<b>109.70</b>	<b>7.1</b>	<b>25.3</b>	<b>8.6</b>	<b>2.18</b>	<b>0.67</b>
<b>All NH Lakes '10</b>	<b>3.70</b>	<b>6.60</b>	<b>59.40</b>	<b>12.0</b>	<b>14.0</b>	<b>6.60</b>	<b>7.16</b>	<b>1.00</b>
<b>VS NH Lakes</b>	<b>Better</b>	<b>Better</b>	<b>Poorer</b>	<b>Better</b>	<b>Worse</b>	<b>Poorer</b>	<b>Better</b>	<b>Better</b>

Acceptable or Satisfactory =

6.1 to 8.0

< 100

11 to 20

11 to 20

>10.1

0 to 5

1.0

\*Upper level only