

Staffordville Reservoir, Stafford Springs

Water Data 2005

Water data was collected for Staffordville Reservoir on August 11, 2005
by Robert Capers and Brandon Russell.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 3.2 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
42.01228 42° 0' 44.2"N	-72.25539 72° 15' 19.4"W	8/11/2005	0.5	6.8	28.4
			1	6.6	28.3
			2	6.5	26.8
			3	4.6	25.9
			4	0.3	25.4

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
8/11/2005	0.5	77	6.0	9	19
	4.0	80	6.0	11	52