

Mackenzie Reservoir, Wallingford

Water Data 2005

Water data was collected for Mackenzie Reservoir on June 30, 2005
by Dr. Robert Capers and Brandon Russell.

Table 1. Dissolved oxygen and temperature. The transparency (Secchi) was 0.9 m.

Latitude	Longitude	Date	Depth (m)	Dissolved Oxygen (mg/L)	Temperature (°C)
41.44279 41°26'34.0"N	-72.77219 72°46'19.9"W	6/30/2005	0.5	6.0	23.2
			1	4.4	22.2
			2	5.6	21.3
			3	0.1	21.4

Table 2. Water chemistry

Date	Depth (m)	Conductivity (µs/cm)	pH	Alkalinity expressed as Calcium Carbonate (mg/L)	Phosphorus (parts per billion)
6/30/2005	0.5	177	6.7	59	77
	2.5	190	6.8	67	66