

Updated model (January 2013) goodness-of-fit statistics for calendar years 2002 and 2003 and a storm event in January 2006 for Detroit Lake, Oregon. [Comparisons include profiles at three locations in the lake in 2002 and 2003, and at four locations in 2006. °C, degrees Celsius; mg/L, milligrams per liter;  $\mu\text{S}/\text{cm}$ , microSiemens per centimeter]

	<b>year 2002</b>	<b>year 2003</b>	<b>January 2006</b>
Number of profiles	36	42	4
<b>Mean Error (ME)</b>			
Temperature (°C)	-0.39	-0.55	-0.49
Specific Conductance ( $\mu\text{S}/\text{cm}$ )	1.42	1.42	-0.22
Suspended Sediment (mg/L) from Turbidity	-0.15	-0.24	0.22
Suspended Sediment (mg/L)	-0.54	-0.44	-1.65
<b>Mean Absolute Error (MAE)</b>			
Temperature (°C)	0.77	0.77	0.49
Specific Conductance ( $\mu\text{S}/\text{cm}$ )	2.19	1.94	1.36
Suspended Sediment (mg/L) from Turbidity	0.58	0.43	3.09
Suspended Sediment (mg/L)	0.94	0.81	3.35
<b>Root Mean Square Error (RMSE)</b>			
Temperature (°C)	1.00	0.99	0.51
Specific Conductance ( $\mu\text{S}/\text{cm}$ )	2.58	2.71	3.15
Suspended Sediment (mg/L) from Turbidity	0.76	0.69	4.29
Suspended Sediment (mg/L)	1.24	1.05	3.89

For year 2003, a thermistor string was in place near the dam. In the updated Detroit model, goodness-of-fit statistics were: ME -0.19, MAE 0.94, RMSE 1.22