

The Oxygen Content of Air Saturated Water
Truesdale and Downing (1954)

Temp. (°C)	O ₂ (ppm)	O ₂ (mM)
0	14.16	442
5	12.37	386
10	10.92	341
15	9.76	305
20	8.84	276
25	8.11	253
30	7.53	235
35	7.04	220
40	6.60	206
45	6.15	192
50	5.66	176

$$C_s = 14.16 - 0.3943T + 0.007714T^2 - 0.0000646T^3$$

C_s = saturation concentration (ppm)

T = temperature (°C)

