

**Table 4 - Solubility of Oxygen in Water Exposed to Water-Saturated Air
(in mg/L at various atmospheric pressures and temperatures)¹**

Pressure (mm/inches Hg)	Temperature (°C/°F)							
	17.0° C 62.6° F	18.0° C 64.4° F	19.0° C 66.2° F	20.0° C 68.0° F	21.0° C 69.8° F	22.0° C 71.6° F	23.0° C 73.4° F	24.0° C 75.2° F
675/26.6	8.61	8.42	8.25	8.07	7.91	7.75	7.59	7.44
680/26.8	8.67	8.48	8.31	8.13	7.97	7.81	7.65	7.50
685/27.0	8.73	8.54	8.37	8.19	8.03	7.87	7.71	7.56
690/27.2	8.79	8.60	8.43	8.25	8.09	7.93	7.77	7.62
695/27.4	8.85	8.66	8.49	8.31	8.15	7.99	7.83	7.68
700/27.6	8.91	8.72	8.55	8.37	8.21	8.05	7.89	7.74
705/27.8	8.97	8.78	8.61	8.43	8.27	8.11	7.95	7.8
710/28.0	9.03	8.84	8.67	8.49	8.33	8.17	8.01	7.86
715/28.1	9.09	8.91	8.73	8.55	8.39	8.23	8.07	7.92
720/28.3	9.16	8.97	8.79	8.61	8.45	8.28	8.13	7.97
725/28.5	9.22	9.03	8.85	8.67	8.5	8.34	8.18	8.03
730/28.7	9.28	9.09	8.91	8.73	8.56	8.40	8.24	8.09
735/28.9	9.35	9.16	8.97	8.79	8.62	8.46	8.3	8.14
740/29.1	9.41	9.22	9.03	8.85	8.68	8.51	8.35	8.20
745/29.3	9.47	9.28	9.09	8.91	8.74	8.57	8.41	8.25
750/29.5	9.54	9.34	9.15	8.97	8.8	8.63	8.47	8.31
755/29.7	9.60	9.41	9.21	9.03	8.86	8.69	8.52	8.36
760/29.9	9.67	9.47	9.28	9.09	8.92	8.74	8.58	8.42
765/30.1	9.73	9.53	9.34	9.15	8.97	8.80	8.63	8.47
770/30.3	9.79	9.59	9.40	9.21	9.03	8.86	8.69	8.53
775/30.5	9.86	9.66	9.46	9.27	9.09	8.92	8.75	8.58
780/30.7	9.92	9.72	9.52	9.33	9.15	8.97	8.80	8.64
785/30.9	9.98	9.78	9.58	9.39	9.21	9.03	8.86	8.69
790/31.1	10.1	9.84	9.64	9.45	9.27	9.09	8.92	8.75
795/31.3	10.1	9.90	9.70	9.51	9.33	9.15	8.97	8.81

¹ Extracted from *A Bird's-Eye-View of the BOD Test*, Perry Brake, January 2007