

Rev. 4-99 Shaded area indicates changes

Table 6: Density and Viscosity of Pure Water (continued)

<i>t</i>	<i>t</i>	μ	Δ	ρ	Δ	ν	Δ	μ	Δ	ρ	Δ	ν	Δ
° F.	° C.	$\frac{\text{Dyne Sec.}}{\text{Sq. Cm.}}$		$\frac{\text{Grams}}{\text{Cu. Cm.}}$		$\frac{\text{Sq. Cm.}}{\text{Sec.}}$		$\frac{\text{Lb. Sec.}}{\text{Sq. Ft.}}$		$\frac{\text{Slugs}}{\text{Cu. Ft.}}$		$\frac{\text{Sq. Ft.}}{\text{Sec.}}$	
1	2	3		4		5		6		7		8	
86.0	30.0000	8004		0.9956756		8039		16717		1.931945		8653	
86.5	30.2778	0.007957	47	0.9955914	842	0.007992	47	16619	98	1781	164	8603	50
87.0	30.5556	7910	47	5064	850	7946	46	16520	99	1617	164	8553	50
87.5	30.8333	0.007862	48	0.9954207	857	0.007898	48	0.000016420	100	1.931450	167	0.000008501	52
88.0	31.1111	7816	46	0.9953345	862	7853	45	16324	96	1283	167	8452	49
88.5	31.3889	7770	46	0.9952477	868	7807	46	16228	96	1115	168	8403	49
89.0	31.6667	7725	45	0.9951601	876	7763	44	16134	94	1.930945	170	8356	47
89.5	31.9444	7679	46	0.9950719	882	7717	46	16038	96	0774	171	8307	49
90.0	32.2222	7635	44	0.9949830	889	7673	44	15946	92	0601	173	8260	47
90.5	32.5000	7590	45	0.9948935	895	7629	44	15852	94	0427	174	8212	48
91.0	32.7778	0.007546	44	0.9948033	902	0.007585	44	0.000015760	92	1.930252	175	0.000008165	47
91.5	33.0556	7502	44	0.9947126	907	7542	43	15668	92	1.930076	176	8118	47
92.0	33.3333	7460	42	0.9946211	915	7500	42	15581	87	1.929899	177	8073	45
92.5	33.6111	7417	43	0.9945291	920	7458	42	15491	90	9720	179	8027	46
93.0	33.8889	7374	43	0.9944364	927	7415	43	15401	90	9540	180	0.000007982	45
93.5	34.1667	7332	42	0.9943431	933	7374	41	15313	88	9359	181	7937	45
94.0	34.4444	0.007291	41	0.9942492	939	7333	41	0.000015228	85	1.929177	182	0.000007893	44
94.5	34.7222	7249	42	0.9941546	946	7292	41	15140	88	1.928994	183	7849	44
95.0	35.0000	7208	41	0.9940594	952	7251	41	15054	86	8809	185	7805	44
95.5	35.2778	7168	40	0.9939637	957	7212	39	14971	83	8623	186	7762	43
96.0	35.5556	7128	40	0.9938673	964	7172	40	14887	84	8436	187	7720	42
96.5	35.8333	7088	40	0.9937703	970	7132	40	14804	83	8248	188	7677	43
97.0	36.1111	0.007049	39	0.9936728	975	0.007094	38	0.000014722	82	1.928059	189	0.000007636	41
97.5	36.3889	7010	39	0.9935746	982	7055	39	14641	81	1.927868	191	7594	42
98.0	36.6667	0.006971	39	0.9934758	988	7017	38	14559	82	7677	191	7553	41
98.5	36.9444	6933	38	0.9933764	994	0.006979	38	14480	79	7484	193	7512	41
99.0	37.2222	6893	38	0.9932766	998	6942	37	14401	79	7290	194	7472	40
99.5	37.5000	6858	37	0.9931760	1006	6905	37	14323	78	7095	195	7433	39
100.0	37.7778	0.006821	37	0.9930749	1011	0.006869	36	0.000014246	77	1.926899	196	0.000007393	40
		From "International Critical Tables," Vol. V, 1929. Accuracy estimated at 0.1%. Linear interpolation may be used.		From "International Critical Tables," Vol. III, 1928		Column 5 = Column 4		Col. 6 = Col. 3 \times 0.00208855151		Col. 7 = Col. 4 \times 1.94033561		Col. 8 = Col. 5 \times 0.00107638673 Col. 6 Checked by Col. 8 = Col. 7	

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