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### Properties of Water at Various Temperatures

Temp (°F)	Temp (°C)	Density (lb/ft <sup>3</sup> )	Specific Gravity	Vapor Pressure (PSI Abs)	Vapor Pressure (mmHg)	Vapor Pressure Head (ft)	Absolute Viscosity (lbf-sec/ft <sup>2</sup> )	Absolute Viscosity (cP)	Kinematic Viscosity (ft <sup>2</sup> /sec)	Kinematic Viscosity (cSt)
32	0.0	62.42	1.0008	0.089	4.58	0.20	3.742e-05	1.7916	1.928e-05	1.7919
40	4.4	62.43	1.0010	0.122	6.29	0.28	3.234e-05	1.5484	1.667e-05	1.5486
50	10.0	62.41	1.0006	0.178	9.22	0.41	2.731e-05	1.3076	1.410e-05	1.3081
60	15.6	62.37	1.0000	0.256	13.26	0.59	2.341e-05	1.1206	1.210e-05	1.1218
70	21.1	62.30	0.9989	0.363	18.79	0.84	2.034e-05	0.9737	1.050e-05	0.9757
80	26.7	62.22	0.9976	0.507	26.23	1.17	1.789e-05	0.8565	9.251e-06	0.8594
90	32.2	62.12	0.9960	0.698	36.13	1.62	1.590e-05	0.7611	8.234e-06	0.7650
100	37.8	62.00	0.9941	0.949	49.12	2.21	1.424e-05	0.6820	7.392e-06	0.6868
110	43.3	61.84	0.9915	1.275	65.98	2.97	1.285e-05	0.6151	6.682e-06	0.6208
120	48.9	61.73	0.9897	1.692	87.56	3.95	1.165e-05	0.5579	6.075e-06	0.5644
130	54.4	61.54	0.9867	2.223	115.04	5.20	1.062e-05	0.5085	5.551e-06	0.5157
140	60.0	61.39	0.9843	2.889	149.51	6.78	9.725e-06	0.4656	5.098e-06	0.4736
150	65.6	61.20	0.9812	3.718	192.41	8.75	8.950e-06	0.4285	4.706e-06	0.4372
160	71.1	61.01	0.9782	4.741	245.35	11.20	8.279e-06	0.3964	4.367e-06	0.4057
170	76.7	60.79	0.9747	5.992	310.09	14.20	7.698e-06	0.3686	4.074e-06	0.3785
180	82.2	60.57	0.9711	7.510	388.64	17.86	7.192e-06	0.3444	3.820e-06	0.3549
190	87.8	60.35	0.9676	9.339	483.29	22.30	6.745e-06	0.3230	3.596e-06	0.3341
200	93.3	60.13	0.9641	11.526	596.47	27.62	6.342e-06	0.3037	3.394e-06	0.3153
210	98.9	59.88	0.9601	14.120	730.71	33.97	5.944e-06	0.2846	3.196e-06	0.2970
212	100.0	59.83	0.9593	14.696	760.52	35.39	5.877e-06	0.2814	3.162e-06	0.2938
220	104.4	59.63	0.9561	17.190	889.58	41.53	5.619e-06	0.2690	3.032e-06	0.2817
230	110.0	59.38	0.9521	20.780	1075.37	50.42	5.322e-06	0.2548	2.883e-06	0.3678
240	115.6	59.10	0.9476	24.970	1292.20	60.87	5.050e-06	0.2418	2.748e-06	0.2553
250	121.1	58.82	0.9431	29.830	1543.70	73.07	4.802e-06	0.2299	2.625e-06	0.2439
260	126.7	58.51	0.9381	35.430	1833.50	87.24	4.575e-06	0.2191	2.513e-06	0.2335
270	132.2	58.24	0.9338	41.850	2165.74	103.53	4.367e-06	0.2091	2.412e-06	0.2241
280	137.8	57.94	0.9290	49.200	2546.10	122.34	4.176e-06	0.2000	2.319e-06	0.2155
290	143.3	57.64	0.9242	57.560	2978.73	143.87	4.001e-06	0.1916	2.235e-06	0.2076
300	148.9	57.31	0.9189	67.010	3467.77	168.46	3.840e-06	0.1839	2.158e-06	0.2004
310	154.4	56.98	0.9136	77.860	4019.94	196.41	3.692e-06	0.1768	2.087e-06	0.1938
320	160.0	56.66	0.9084	89.660	4639.91	227.99	3.555e-06	0.1702	2.021e-06	0.1878
330	165.6	56.31	0.9028	103.100	5335.43	263.79	3.429e-06	0.1642	1.961e-06	0.1822