Vapor Pressure of Water
(Continued)

Temperature			Vapor Pressure			
°F	°C	K	kPa	psi	mm of Hg at 0°C	ft of H2O at 4°C
544.00	284.44	557.59	6,857.9	994.65	51,438	2,294.3
546.00	285.56	558.71	6,971.8	1,011.2	52,292	2,332.4
548.00	286.67	559.82	7,087.1	1,027.9	53,157	2,371.0
550.00	287.78	560.93	7,203.8	1,044.8	54,033	2,410.1
552.00	288.89	562.04	7,322.1	1,062.0	54,919	2,449.6
554.00	290.00	563.15	7,441.8	1,079.3	55,817	2,489.7
556.00	291.11	564.26	7,563.0	1,096.9	56,726	2,530.2
558.00	292.22	565.37	7,685.7	1,114.7	57,646	2,571.3
560.00	293.33	566.48	7,809.9	1,132.7	58,578	2,612.8
562.00	294.44	567.59	7,935.6	1,151.0	59,521	2,654.9
564.00	295.56	568.71	8,062.9	1,169.4	60,476	2,697.5
566.00	296.67	569.82	8,191.8	1,188.1	61,443	2,740.6
568.00	297.78	570.93	8,322.2	1,207.0	62,421	2,784.2
570.00	298.89	572.04	8,454.2	1,226.2	63,411	2,828.4
572.00	300.00	573.15	8,587.9	1,245.6	64,414	2,873.1
574.00	301.11	574.26	8,723.1	1,265.2	65,428	2,918.3
576.00	302.22	575.37	8,860.0	1,285.0	66,455	2,964.1
578.00	303.33	576.48	8,998.5	1,305.1	67,494	3,010.5
580.00	304.44	577.59	9,138.7	1,325.5	68,545	3,057.4
582.00	305.56	578.71	9,280.5	1,346.0	69,609	3,104.8
584.00	306.67	579.82	9,424.1	1,366.8	70,686	3,152.8
586.00	307.78	580.93	9,569.3	1,387.9	71,775	3,201.4
588.00	308.89	582.04	9,716.3	1,409.2	72,877	3,250.6
590.00	310.00	583.15	9,865.0	1,430.8	73,993	3,300.4
592.00	311.11	584.26	10,015	1,452.6	75,121	3,350.7
594.00	312.22	585.37	10,168	1,474.7	76,263	3,401.6
596.00	313.33	586.48	10,322	1,497.0	77,418	3,453.2
598.00	314.44	587.59	10,478	1,519.6	78,587	3,505.3
600.00	315.56	588.71	10,635	1,542.5	79,770	3,558.0
602.00	316.67	589.82	10,795	1,565.6	80,966	3,611.4
604.00	317.78	590.93	10,956	1,589.0	82,176	3,665.4
606.00	318.89	592.04	11,119	1,612.7	83,400	3,720.0
608.00	320.00	593.15	11,284	1,636.6	84,638	3,775.2
610.00	321.11	594.26	11,451	1,660.9	85,891	3,831.1
612.00	322.22	595.37	11,620	1,685.4	87,158	3,887.6
614.00	323.33	596.48	11,791	1,710.1	88,439	3,944.7
616.00	324.44	597.59	11,964	1,735.2	89,735	4,002.5
618.00	325.56	598.71	12,139	1,760.6	91,046	4,061.0
620.00	326.67	599.82	12,315	1,786.2	92,373	4,120.2
622.00	327.78	600.93	12,494	1,812.1	93,714	4,180.0
624.00	328.89	602.04	12,675	1,838.4	95,070	4,240.5
626.00	330.00	603.15	12,858	1,864.9	96,442	4,301.7
628.00	331.11	604.26	13,043	1,891.7	97,830	4,363.6

Temperature			Vapor Pressure			
°F	°C	K	kPa	psi	mm of Hg at 0°C	ft of H2O at 4°C
630.00	332.22	605.37	13,230	1,918.9	99,233	4,426.2
632.00	333.33	606.48	13,419	1,946.3	100,650	4,489.5
634.00	334.44	607.59	13,611	1,974.1	102,090	4,553.5
636.00	335.56	608.71	13,804	2,002.2	103,540	4,618.3
638.00	336.67	609.82	14,000	2,030.5	105,010	4,683.8
640.00	337.78	610.93	14,198	2,059.3	106,490	4,750.0
642.00	338.89	612.04	14,398	2,088.3	107,990	4,817.0
644.00	340.00	613.15	14,601	2,117.7	109,510	4,884.7
646.00	341.11	614.26	14,805	2,147.4	111,050	4,953.2
648.00	342.22	615.37	15,013	2,177.4	112,600	5,022.5
650.00	343.33	616.48	15,222	2,207.8	114,170	5,092.5
652.00	344.44	617.59	15,434	2,238.5	115,760	5,163.4
654.00	345.56	618.71	15,648	2,269.5	117,370	5,235.1
656.00	346.67	619.82	15,865	2,301.0	118,990	5,307.5
658.00	347.78	620.93	16,084	2,332.7	120,640	5,380.8
660.00	348.89	622.04	16,305	2,364.9	122,300	5,455.0
662.00	350.00	623.15	16,529	2,397.4	123,980	5,529.9
664.00	351.11	624.26	16,756	2,430.3	125,680	5,605.8
666.00	352.22	625.37	16,985	2,463.5	127,400	5,682.5
668.00	353.33	626.48	17,217	2,497.1	129,140	5,760.0
670.00	354.44	627.59	17,452	2,531.2	130,900	5,838.5
672.00	355.56	628.71	17,689	2,565.6	132,680	5,917.9
674.00	356.67	629.82	17,929	2,600.4	134,480	5,998.2
676.00	357.78	630.93	18,172	2,635.6	136,300	6,079.4
678.00	358.89	632.04	18,417	2,671.2	138,140	6,161.6
680.00	360.00	633.15	18,666	2,707.3	140,000	6,244.8

Source:

Tables of Physical and Chemical Constants, Kaye and Laby, Longman Group Limited, Essex, England, 1995

Abbreviations are as follows:

°F = degree Fahrenheit; °C = degree Celsius; K = kelvin; kPa = kilopascal; psi = pound-force per square inch; mm = millimeter; Hg = mercury; ft = feet; H2O = water