

WATER VAPOR PRESSURE					
Temperature (°C)	Pressure (mm Hg)	Temperature (°C)	Pressure (mm Hg)	Temperature (°C)	Pressure (mm Hg)
0.0	4.6	19.5	17.0	27.0	26.7
5.0	6.5	20.0	17.5	28.0	28.3
10.0	9.2	20.5	18.1	29.0	30.0
12.5	10.9	21.0	18.6	30.0	31.8
15.0	12.8	21.5	19.2	35.0	42.2
15.5	13.2	22.0	19.8	40.0	55.3
16.0	13.6	22.5	20.4	50.0	92.5
16.5	14.1	23.0	21.1	60.0	149.4
17.0	14.5	23.5	21.7	70.0	233.7
17.5	15.0	24.0	22.4	80.0	355.1
18.0	15.5	24.5	23.1	90.0	525.1
18.5	16.0	25.0	23.8	90.5	633.9
19.0	16.5	25.5	25.2	100.0	760.0

Molal boiling-point elevation constants (K_b) and freezing-point depression constants (K_f) for several solvents				
Solvent	Boiling Point (°C)	K_b (°C · kg/mol)	Freezing Point (°C)	K_f (°C · kg/mol)
Acetic acid (HC ₂ H ₃ O ₂)	118.5	3.07	16.6	3.90
Acetone (C ₃ H ₆ O)	56.00	1.71	-94.8	---
Aniline (C ₆ H ₅ NH ₂)	184.4	3.22	-6.1	5.87
Benzene (C ₆ H ₆)	80.15	2.53	5.48	5.12
Camphor (C ₁₀ H ₁₆ O)	208.0	5.95	179.8	40.
Carbon disulfide (CS ₂)	46.3	2.34	-111.5	3.80
Carbon tetrachloride (CCl ₄)	76.50	5.03	-22.96	---
Chloroform (CHCl ₃)	61.2	3.63	-63.5	4.70
Ethyl ether (C ₄ H ₁₀ O)	34.5	2.02	-116.2	1.79
Naphthalene (C ₁₀ H ₈)	218.0	5.65	80.2	6.9
Phenol (C ₆ H ₅ OH)	181.8	3.56	40.9	7.27
Water (H ₂ O)	100.0	0.51	0	1.86