VAPOR PRESSURE OF ICE

The values of the vapor (sublimation) pressure of ice in this table were calculated from the equation recommended by the International Association for the Properties of Steam (IAPS) in 1993. Temperature values correspond to the ITS-90 temperature scale. The uncertainty in the pressure is estimated to be 0.1% for $t > -25°C$ and 0.5% for $t < -25°C$. The first entry in the table is the triple point of water.

REFERENCE

Wagner, W., Saul, A., and Pruss, A., *J. Phys. Chem. Ref. Data*, 23, 515, 1994.

t/°C	*p*/Pa	*t*/°C	*p*/Pa	*t*/°C	*p*/Pa
0.01	611.657	–16	150.68	–33	27.71
0	611.15	–17	137.25	–34	24.90
–1	562.67	–18	124.92	–35	22.35
–2	517.72	–19	113.62	–36	20.04
–3	476.06	–20	103.26	–37	17.96
–4	437.47	–21	93.77	–38	16.07
–5	401.76	–22	85.10	–39	14.37
–6	368.73	–23	77.16	–40	12.84
–7	338.19	–24	69.91	–45	7.202
–8	309.98	–25	63.29	–50	3.936
–9	283.94	–26	57.25	–55	2.093
–10	259.90	–27	51.74	–60	1.080
–11	237.74	–28	46.73	–65	0.540
–12	217.32	–29	42.16	–70	0.261
–13	198.52	–30	38.01	–75	0.122
–14	181.22	–31	34.24	–80	0.055
–15	165.30	–32	30.82		