

Air at altitude

Altitude (m)	Altitude (ft)	Pressure (kPa)	Effective O ₂ (%)	Water boils (°C)
0	0	101.3	20.9	100
500	1640	95.5	19.7	98.3
1000	3281	89.9	18.5	96.6
1500	4921	84.6	17.4	94.9
2000	6562	79.5	16.4	93.2
2500	8202	74.7	15.4	91.5
3000	9843	70.1	14.5	89.8
3500	11,483	65.8	13.6	88.1
4000	13,123	61.6	12.7	86.4
4500	14,764	57.7	11.9	84.6
5000	16,404	54	11.1	82.9
5500	18,045	50.5	10.4	81.2
6000	19,685	47.2	9.7	79.4
6500	21,325	44	9.1	77.7
7000	22,966	41.1	8.5	75.9
7500	24,606	38.3	7.9	74.2
8000	26,247	35.6	7.3	72.4
8500	27,887	33.1	6.8	70.7
9000	29,528	30.7	6.3	68.9

International Standard Atmosphere; actual values vary with weather.

Notes