

ALTITUDE PRESSURE TABLE

Altitude Pressure Table							
Feet Altitude	inHg	Pressure torr	psia	Ambient PO ₂	mmHg		
					Alveolar PO ₂	Alveolar PCO ₂	Alveolar PH ₂ O
0	29.92	759.97	14.70	159.21	103.0	40.0	47
500	29.39	746.51	14.43	156.39	100.5	39.7	
1,000	28.86	733.04	14.17	153.57	98.2	39.4	
1,500	28.34	719.84	13.91	150.81	90.0	39.2	
2,000	27.82	706.63	13.66	143.04	93.8	39.0	
2,500	27.32	693.93	13.41	145.38	91.7	38.7	
3,000	26.82	681.23	13.17	142.72	89.5	38.4	
3,500	26.33	668.78	12.93	140.11	87.3	38.2	
4,000	25.84	656.34	12.69	137.50	85.1	38.0	
4,500	25.37	644.40	12.46	135.00	83.0	37.7	
5,000	24.90	632.46	12.23	132.50	81.0	37.4	47
5,500	24.44	620.78	12.00	130.05	78.9	37.2	
6,000	23.98	609.09	11.77	127.60	76.8	37.0	
6,500	23.53	597.66	11.55	125.21	74.8	36.7	
7,000	23.09	586.49	11.34	122.87	72.8	36.4	
7,500	22.66	575.56	11.13	120.58	70.8	36.2	
8,000	22.23	564.64	10.91	118.29	68.9	36.0	
8,500	21.81	553.97	10.71	116.06	67.0	35.7	
9,000	21.39	543.31	10.50	113.82	65.0	35.4	
9,500	20.98	532.89	10.30	111.64	63.1	35.2	
10,000	20.58	522.73	10.10	109.51	61.2	35.0	47
10,500	20.19	512.83	9.91	107.44	59.5	34.7	
11,000	19.80	502.92	9.72	105.36	57.8	34.4	
11,500	19.41	493.01	9.53	103.29	56.1	34.1	
12,000	19.03	483.36	9.34	101.26	54.3	33.8	
12,500	18.66	473.96	9.16	99.29	52.6	33.5	
13,000	18.30	464.82	8.99	97.38	51.0	33.2	
13,500	17.94	455.68	8.81	95.49	49.3	32.9	
14,000	17.58	446.53	8.63	93.55	47.9	32.6	
14,500	17.24	437.90	8.46	91.74	46.4	32.3	
15,000	16.89	429.01	8.29	89.88	45.0	32.0	47
15,500	16.56	420.62	8.13	82.12	43.5	31.7	
16,000	16.22	411.99	7.96	86.31	42.0	31.4	
16,500	15.90	403.86	7.81	84.61	41.0	31.2	
17,000	15.58	395.73	7.65	84.50	40.0	31.0	
17,500	15.26	387.60	7.47	81.20	38.8	30.7	
18,000	14.95	379.73	7.34	79.55	37.8	30.4	
18,500	14.65	372.11	7.19	77.96	36.8	30.2	
19,000	14.35	364.49	7.05	76.36	35.9	30.0	
19,500	14.05	356.87	6.90	74.76	35.0	29.7	
20,000	13.76	349.50	6.76	73.22	34.3	29.4	47
20,500	13.48	342.39	6.62	71.73	33.9	29.2	
21,000	13.20	335.28	6.48	70.24	33.5	29.0	
21,500	12.92	328.17	6.34	68.75	33.1	28.7	
22,000	12.65	321.31	6.21	67.31	32.8	28.4	
22,500	12.38	314.45	6.08	65.86	32.4	28.2	
23,000	12.12	307.85	5.95	64.49	32.0	28.0	
23,500	11.86	301.24	5.82	63.11	31.6	27.7	
24,000	11.61	294.89	5.70	61.78	31.2	27.4	
24,500	11.36	288.54	5.58	60.45	30.8	27.2	
25,000	11.12	282.45	5.46	59.17	30.4	27.0	47
25,500	10.88	276.35	5.34	57.00			
26,000	10.64	270.26	5.22	56.62			
26,500	10.41	264.41	5.11	55.39			
27,000	10.18	258.57	5.00	54.17			
27,500	9.96	252.98	4.89	53.00			
28,000	9.74	247.40	4.78	50.17			
28,500	9.53	242.06	4.68	49.74			
29,000	9.31	236.47	4.57	49.54			
29,500	9.11	231.39	4.47	48.48			
30,000	8.90	226.06	4.37	47.36			