

## Theoretical Depths At Altitude

<all depths in feet>

Actual Depth	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000
10	10	11	11	12	12	12	13	13	14	15
20	21	21	22	23	24	25	26	27	28	29
30	31	32	33	35	36	37	39	40	42	44
40	41	43	45	46	48	50	52	54	56	58
50	52	54	56	58	60	62	65	67	70	73
60	62	64	67	69	72	75	78	81	84	87
70	72	75	78	81	84	87	91	94	98	102
80	83	86	89	92	96	100	103	108	112	116
90	93	97	100	104	108	112	116	121	126	131
100	103	107	111	116	120	124	129	134	140	
110	114	118	122	127	132	137				
120	124	129	134	139						
130	135	140								
<b>Safety Stop</b>	14	14	13	13	12	12	12	11	11	10

**Directions for Altitude Table:** Use the adjusted depths on the table above when using dive tables at sites above 1000 ft elevation. Select the column that best represents your dive site elevation and the row that shows your actual (or planned) dive depth. Round both to the next higher number for safety. The resulting adjusted depth should be used when making dive table calculations.

**Why do we need altitude tables?** Because the air pressure at altitude is lower than the air pressure at sea level, leading to faster offgassing following dives. Dive tables are based on sea level, so adjustments need to be made when diving at higher elevations.

Note: many dive computers correct for altitude automatically when turned on at the high-elevation dive site. Check your manual for details.