

The following Altitude Dive tables are supplied with no warranties or assurances of accuracy or suitability. They have not been tested for suitability and they are intended for discussion purposes only.

Use only at your own risk!

DIVE TABLE FOR ALTITUDE 1000 FEET

Atmospheric Pressure = 14.17 psia
 Depth which doubles surface pressure = 32.8 feet
 True depth = .989 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is = B

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	60	60	58
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	10	10	9
20 foot STOP	20	20	18
30 foot STOP	30	30	28

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-1	0
10	10	9	10
20	20	18	20
30	30	28	30
40	40	38	40
50	50	47	50
60	60	57	60
70	71	67	80
80	81	77	90
90	91	86	100
100	101	96	110
110	111	106	120
120	121	115	130
130	131	125	140
140	141	135	150
150	151	144	160

DIVE TABLE FOR ALTITUDE 2000 FEET

Atmospheric Pressure = 13.66 psia
 Depth which doubles surface pressure = 31.6 feet
 True depth = .953 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is: B

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	58	60	58
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	10	10	7
20 foot STOP	19	20	16
30 foot STOP	29	30	26

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-2	0
10	10	7	10
20	21	17	25
30	31	27	35
40	42	37	50
50	52	46	60
60	63	56	70
70	73	66	80
80	84	75	90
90	94	85	100
100	104	95	110
110	115	104	120
120	125	114	130
130	136	124	140
140	146	134	150
150	157	143	160

DIVE TABLE FOR ALTITUDE 3000 FEET

Atmospheric Pressure = 13.17 psia
 Depth which doubles surface pressure = 30.5 feet
 True depth = .919 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is = C

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	55	60	54
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	9	10	6
20 foot STOP	19	20	15
30 foot STOP	28	30	24

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-3	0
10	11	6	15
20	22	16	25
30	33	26	35
40	43	35	50
50	54	45	60
60	65	55	70
70	76	65	80
80	87	74	90
90	98	84	100
100	108	94	110
110	119	103	120
120	130	113	130
130	141	123	150
140	152	133	160
150	162	142	170

DIVE TABLE FOR ALTITUDE 4000 FEET

Atmospheric Pressure = 12.69 psia
 Depth which doubles surface pressure = 29.4 feet
 True depth = .885 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is: D

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	53	60	52
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	9	10	4
20 foot STOP	18	20	13
30 foot STOP	27	30	21

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-5	0
10	11	5	15
20	23	15	25
30	34	25	35
40	45	34	50
50	56	44	60
60	67	54	70
70	79	63	80
80	90	73	90
90	101	83	110
100	112	93	120
110	124	102	130
120	135	112	140
130	146	122	150
140	157	131	160
150	169	141	170

DIVE TABLE FOR ALTITUDE 5000 FEET

Atmospheric Pressure = 12.23 psia
 Depth which doubles surface pressure = 28.3 feet
 True depth = .853 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is = D

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	51	60	50
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	9	10	3
20 foot STOP	17	20	11
30 foot STOP	26	30	19

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-6	0
10	12	4	15
20	23	14	25
30	35	24	35
40	47	33	50
50	58	43	60
60	70	53	70
70	82	62	90
80	93	72	100
90	105	82	110
100	117	92	120
110	128	101	130
120	140	111	140
130	152	121	160
140	163	130	170
150	175	140	180

DIVE TABLE FOR ALTITUDE 6000 FEET

Atmospheric Pressure = 11.78 psia
 Depth which doubles surface pressure = 27.2 feet
 True depth = .822 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is: E

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	50	60	48
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	8	10	2
20 foot STOP	17	20	10
30 foot STOP	25	30	18

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-7	0
10	12	3	15
20	24	13	25
30	36	23	40
40	48	32	50
50	61	42	70
60	73	52	80
70	85	61	90
80	97	71	100
90	109	81	110
100	121	91	130
110	133	100	140
120	145	110	150
130	158	120	160
140	170	129	170
150	182	139	190

DIVE TABLE FOR ALTITUDE 7000 FEET

Atmospheric Pressure = 11.34 psia
 Depth which doubles surface pressure = 26.2 feet
 True depth = .791 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is = E

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	48	60	46
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	8	10	0
20 foot STOP	16	20	8
30 foot STOP	24	30	16

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-8	0
10	13	2	15
20	25	12	25
30	38	22	40
40	50	31	50
50	63	41	70
60	76	51	80
70	88	60	90
80	101	70	110
90	113	80	120
100	126	90	130
110	138	96	140
120	151	109	160
130	164	119	170
140	176	128	180
150	189	138	190

DIVE TABLE FOR ALTITUDE 8000 FEET

Atmospheric Pressure = 10.92 psia
 Depth which doubles surface pressure = 25.3 feet
 True depth = .762 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is: F

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	46	60	45
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	8	10	-1
20 foot STOP	15	20	6
30 foot STOP	23	30	14

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-9	0
10	13	1	15
20	26	11	30
30	39	21	40
40	52	30	60
50	65	40	70
60	78	50	80
70	92	60	100
80	105	69	110
90	118	79	120
100	131	89	140
110	144	98	150
120	157	108	160
130	170	118	170
140	183	127	190
150	196	137	200

DIVE TABLE FOR ALTITUDE 9000 FEET

Atmospheric Pressure = 10.51 psia
 Depth which doubles surface pressure = 24.3 feet
 True depth = .733 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is = F

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	44	60	43
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	7	10	-2
20 foot STOP	15	20	5
30 foot STOP	22	30	12

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-9	0
10	14	0	15
20	27	10	30
30	41	20	50
40	54	29	60
50	68	39	70
60	82	49	90
70	95	59	100
80	109	68	110
90	122	78	130
100	136	88	140
110	149	97	150
120	163	107	170
130	177	117	180
140	190	127	190
150	204	136	210

DIVE TABLE FOR ALTITUDE 10,000 FEET

Atmospheric Pressure = 10.11 psia
 Depth which doubles surface pressure = 23.4 feet
 True depth = .705 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is: G

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	43	60	41
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	7	10	-3
20 foot STOP	14	20	4
30 foot STOP	21	30	10

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-10	0
10	14	-1	15
20	28	9	30
30	42	19	50
40	56	29	60
50	71	38	80
60	85	48	90
70	99	58	100
80	113	67	120
90	127	77	130
100	141	87	150
110	155	97	160
120	169	106	170
130	183	116	190
140	198	126	200
150	212	135	220

DIVE TABLE FOR ALTITUDE 11,000 FEET

Atmospheric Pressure = 9.722 psia
 Depth which doubles surface pressure = 22.5 feet
 True depth = .678 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is = G

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	41	60	40
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	7	10	-5
20 foot STOP	14	20	2
30 foot STOP	20	30	9

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-11	0
10	15	-2	15
20	29	8	30
30	44	18	50
40	59	28	60
50	73	37	80
60	88	47	90
70	103	57	110
80	117	67	120
90	132	76	140
100	147	86	150
110	161	96	170
120	176	105	180
130	191	115	200
140	205	125	210
150	220	134	220

DIVE TABLE FOR ALTITUDE 12,000 FEET

Atmospheric Pressure = 9.349 psia
 Depth which doubles surface pressure = 21.6 feet
 True depth = .652 (capillary reading)
 Minimum repetitive dive group letter on first reaching altitude is: G

	<u>Actual</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>
ASCENT RATE (ft/min):	39	60	38
DECOMPRESSION STOP DEPTHS (ft):			
10 foot STOP	7	10	-6
20 foot STOP	13	20	1
30 foot STOP	20	30	7

EQUIVALENT OCEAN DEPTH FOR DECOMPRESSION USING THE STANDARD U.S. NAVY DIVE TABLES

<u>Actual Depth (ft)</u>	<u>Capillary Gauge Reading</u>	<u>Bourdon Gauge Reading</u>	<u>Equivalent Ocean Depth (ft)</u>
0	0	-12	0
10	15	-2	15
20	31	7	35
30	46	17	50
40	61	27	70
50	76	37	80
60	92	46	100
70	107	56	110
80	122	66	130
90	137	75	140
100	153	85	160
110	168	95	170
120	183	105	190
130	198	114	200
140	214	124	220
150	229	134	230