

Table 9-7. No-Decompression Limits and Repetitive Group Designators for No-Decompression Air Dives.

Depth (meters)	No-Stop Limit	Repetitive Group Designation															
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
3	Unlimited	57	101	158	245	426	*										
4	Unlimited	36	60	88	121	163	217	297	449	*							
6	Unlimited	26	43	61	82	106	133	165	205	256	330	461	*				
7	595	20	33	47	62	78	97	117	140	166	198	236	285	354	469	595	
9	371	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
10	232	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
12	163	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	
13	125	11	17	24	31	39	46	55	63	72	82	92	102	114	125		
15	92	9	15	21	28	34	41	48	56	63	71	80	89	92			
16	74	8	14	19	25	31	37	43	50	56	63	71	74				
18	60	7	12	17	22	28	33	39	45	51	57	60					
21	48	6	10	14	19	23	28	32	37	42	47	48					
24	39	5	9	12	16	20	24	28	32	36	39						
27	30	4	7	11	14	17	21	24	28	30							
30	25	4	6	9	12	15	18	21	25								
33	20	3	6	8	11	14	16	19	20								
36	15	3	5	7	10	12	15										
39	10	2	4	6	9	10											
42	10	2	4	6	8	10											
46	5	2	3	5													
49	5		3	5													
52	5			4	5												
55	5			4	5												
58	5			3	5												

* Highest repetitive group that can be achieved at this depth regardless of bottom time.

Table 9-8. Residual Nitrogen Time Table for Repetitive Air Dives.

Locate the diver's repetitive group designation from his previous dive along the diagonal line above the table. Read horizontally to the interval in which the diver's surface interval lies.

Next, read vertically downward to the new repetitive group designation. Continue downward in this same column to the row that represents the depth of the repetitive dive. The time given at the intersection is residual nitrogen time, in minutes, to be applied to the repetitive dive.

* Dives following surface intervals longer than this are not repetitive dives. Use actual bottom times in the Air Decompression Tables to compute decompression for such dives.

Dive Depth	Repetitive Group at Beginning of Surface Interval															
	Z	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
3	**	**	**	**	**	**	**	**	**	**	**	427	246	159	101	58
4	**	**	**	**	**	**	**	**	450	298	218	164	122	89	61	37
6	**	**	**	**	**	462	331	257	206	166	134	106	83	62	44	27
7	†	†	470	354	286	237	198	167	141	118	98	79	63	48	34	21
9	372	308	261	224	194	168	146	126	108	92	77	63	51	39	28	18
10	245	216	191	169	149	132	116	101	88	75	64	53	43	33	24	15
12	188	169	152	136	122	109	97	85	74	64	55	45	37	29	21	13
13	154	140	127	115	104	93	83	73	64	56	48	40	32	25	18	12
15	131	120	109	99	90	81	73	65	57	49	42	35	29	23	17	11
16	114	105	96	88	80	72	65	58	51	44	38	32	26	20	15	10
18	101	93	86	79	72	65	58	52	46	40	35	29	24	19	14	9
21	83	77	71	65	59	54	49	44	39	34	29	25	20	16	12	8
24	70	65	60	55	51	46	42	38	33	29	25	22	18	14	10	7
27	61	57	52	48	44	41	37	33	29	26	22	19	16	12	9	6
30	54	50	47	43	40	36	33	30	26	23	20	17	14	11	8	5
33	48	45	42	39	36	33	30	27	24	21	18	16	13	10	8	5
36	44	41	38	35	32	30	27	24	22	19	17	14	12	9	7	5
39	40	37	35	32	30	27	25	22	20	18	15	13	11	9	6	4
42	37	34	32	30	27	25	23	21	19	16	14	12	10	8	6	4
46	34	32	30	28	26	23	21	19	17	15	13	11	9	8	6	4
48	32	30	28	26	24	22	20	18	16	14	13	11	9	7	5	4
52	30	28	26	24	22	21	19	17	15	14	12	10	8	7	5	3
55	28	26	25	23	21	19	18	16	14	13	11	10	8	6	5	3
58	26	25	23	22	20	18	17	15	14	12	11	9	8	6	5	3

Residual Nitrogen Times (Minutes)

** Residual Nitrogen Time cannot be determined using this table (see paragraph 9-9.1 subparagraph 8 for instructions).

† Read vertically downward to the 30 fsw repetitive dive depth. Use the corresponding residual nitrogen times to compute the equivalent single dive time. Decompress using the 30 fsw air decompression table.

Table 9-9. Air Decompression Table.
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS sw) Stop times (min) include travel time, except first air and first O ₂ stop									Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group
			30	27	24	21	18	15	12	9	6			
9 METERSsw														
371	1:00	AIR									0	1:00	0	Z
		AIR/O ₂									0	1:00		
380	0:20	AIR									5	6:00	0.5	Z
		AIR/O ₂									1	2:00		
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----														
420	0:20	AIR									22	23:00	0.5	Z
		AIR/O ₂									5	6:00		
480	0:20	AIR									42	43:00	0.5	
		AIR/O ₂									9	10:00		
540	0:20	AIR									71	72:00	1	
		AIR/O ₂									14	15:00		
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----														
600	0:20	AIR									92	93:00	1	
		AIR/O ₂									19	20:00		
660	0:20	AIR									120	121:00	1	
		AIR/O ₂									22	23:00		
720	0:20	AIR									158	159:00	1	
		AIR/O ₂									27	28:00		
10 METERSsw														
232	1:10	AIR									0	1:10	0	Z
		AIR/O ₂									0	1:10		
240	0:30	AIR									4	5:10	0.5	Z
		AIR/O ₂									2	3:10		
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----														
270	0:30	AIR									28	29:10	0.5	Z
		AIR/O ₂									7	8:10		
300	0:30	AIR									53	54:10	0.5	Z
		AIR/O ₂									13	14:10		
330	0:30	AIR									71	72:10	1	Z
		AIR/O ₂									18	19:10		
360	0:30	AIR									88	89:10	1	
		AIR/O ₂									22	23:10		
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----														
420	0:30	AIR									134	135:10	1.5	
		AIR/O ₂									29	30:10		
480	0:30	AIR									173	174:10	1.5	
		AIR/O ₂									38	44:10		
540	0:30	AIR									228	229:10	2	
		AIR/O ₂									45	51:10		
600	0:30	AIR									277	278:10	2	
		AIR/O ₂									53	59:10		
660	0:30	AIR									314	315:10	2.5	
		AIR/O ₂									63	69:10		
720	0:30	AIR									342	343:10	3	
		AIR/O ₂									71	82:10		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})									Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group	
			30	27	24	21	18	15	12	9	6				
12 METERS_{sw}															
163	1:20	AIR										0	1:20	0	O
		AIR/O ₂										0	1:20		
170	0:40	AIR										6	7:20	0.5	O
		AIR/O ₂										2	3:20		
180	0:40	AIR										14	15:20	0.5	Z
		AIR/O ₂										5	6:20		
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----															
190	0:40	AIR										21	22:20	0.5	Z
		AIR/O ₂										7	8:20		
200	0:40	AIR										27	28:20	0.5	Z
		AIR/O ₂										9	10:20		
210	0:40	AIR										39	40:20	0.5	Z
		AIR/O ₂										11	12:20		
220	0:40	AIR										52	53:20	0.5	Z
		AIR/O ₂										12	13:20		
230	0:40	AIR										64	65:20	1	Z
		AIR/O ₂										16	17:20		
240	0:40	AIR										75	76:20	1	Z
		AIR/O ₂										19	20:20		
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----															
270	0:40	AIR										101	102:20	1	Z
		AIR/O ₂										26	27:20		
300	0:40	AIR										128	129:20	1.5	
		AIR/O ₂										33	34:20		
330	0:40	AIR										160	161:20	1.5	
		AIR/O ₂										38	44:20		
360	0:40	AIR										184	185:20	2	
		AIR/O ₂										44	50:20		
420	0:40	AIR										248	249:20	2.5	
		AIR/O ₂										56	62:20		
480	0:40	AIR										321	322:20	2.5	
		AIR/O ₂										68	79:20		
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----															
540	0:40	AIR										372	373:20	3	
		AIR/O ₂										80	91:20		
600	0:40	AIR										410	411:20	3.5	
		AIR/O ₂										93	104:20		
660	0:40	AIR										439	440:20	4	
		AIR/O ₂										103	119:20		
Exceptional Exposure: SurDO ₂ -----															
720	0:40	AIR										461	462:20	4.5	
		AIR/O ₂										112	128:20		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})									Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group	
			30	27	24	21	18	15	12	9	6				
13 METERS_{sw}															
125	1:30	AIR										0	1:30	0	N
		AIR/O ₂										0	1:30		
130	0:50	AIR										2	3:30	0.5	O
		AIR/O ₂										1	2:30		
140	0:50	AIR										14	15:30	0.5	O
		AIR/O ₂										5	6:30		
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----															
150	0:50	AIR										25	26:30	0.5	Z
		AIR/O ₂										8	9:30		
160	0:50	AIR										34	35:30	0.5	Z
		AIR/O ₂										11	12:30		
170	0:50	AIR										41	42:30	1	Z
		AIR/O ₂										14	15:30		
180	0:50	AIR										59	60:30	1	Z
		AIR/O ₂										17	18:30		
190	0:50	AIR										75	76:30	1	Z
		AIR/O ₂										19	20:30		
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----															
200	0:50	AIR										89	90:30	1	Z
		AIR/O ₂										23	24:30		
210	0:50	AIR										101	102:30	1	Z
		AIR/O ₂										27	28:30		
220	0:50	AIR										112	113:30	1.5	Z
		AIR/O ₂										30	31:30		
230	0:50	AIR										121	122:30	1.5	Z
		AIR/O ₂										33	34:30		
240	0:50	AIR										130	131:30	1.5	Z
		AIR/O ₂										37	43:30		
270	0:50	AIR										173	174:30	2	
		AIR/O ₂										45	51:30		
300	0:50	AIR										206	207:30	2	
		AIR/O ₂										51	57:30		
330	0:50	AIR										243	244:30	2.5	
		AIR/O ₂										61	67:30		
360	0:50	AIR										288	289:30	3	
		AIR/O ₂										69	80:30		
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----															
420	0:50	AIR										373	374:30	3.5	
		AIR/O ₂										84	95:30		
480	0:50	AIR										431	432:30	4	
		AIR/O ₂										101	117:30		
Exceptional Exposure: SurDO ₂ -----															
540	0:50	AIR										473	474:30	4.5	
		AIR/O ₂										117	133:30		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _s w)									Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group	
			30	27	24	21	18	15	12	9	6				
15 METERS_sw															
92	1:40	AIR										0	1:40	0	M
		AIR/O ₂										0	1:40		
95	1:00	AIR										2	3:40	0.5	M
		AIR/O ₂										1	2:40		
100	1:00	AIR										4	5:40	0.5	N
		AIR/O ₂										2	3:40		
110	1:00	AIR										8	9:40	0.5	O
		AIR/O ₂										4	5:40		
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----															
120	1:00	AIR										21	22:40	0.5	O
		AIR/O ₂										7	8:40		
130	1:00	AIR										34	35:40	0.5	Z
		AIR/O ₂										12	13:40		
140	1:00	AIR										45	46:40	1	Z
		AIR/O ₂										16	17:40		
150	1:00	AIR										56	57:40	1	Z
		AIR/O ₂										19	20:40		
160	1:00	AIR										78	79:40	1	Z
		AIR/O ₂										23	24:40		
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----															
170	1:00	AIR										96	97:40	1	Z
		AIR/O ₂										26	27:40		
180	1:00	AIR										111	112:40	1.5	Z
		AIR/O ₂										30	31:40		
190	1:00	AIR										125	126:40	1.5	Z
		AIR/O ₂										35	36:40		
200	1:00	AIR										136	137:40	1.5	Z
		AIR/O ₂										39	45:40		
210	1:00	AIR										147	148:40	2	
		AIR/O ₂										43	49:40		
220	1:00	AIR										166	167:40	2	
		AIR/O ₂										47	53:40		
230	1:00	AIR										183	184:40	2	
		AIR/O ₂										50	56:40		
240	1:00	AIR										198	199:40	2	
		AIR/O ₂										53	59:40		
270	1:00	AIR										236	237:40	2.5	
		AIR/O ₂										62	68:40		
300	1:00	AIR										285	286:40	3	
		AIR/O ₂										74	85:40		
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----															
330	1:00	AIR										345	346:40	3.5	
		AIR/O ₂										83	94:40		
360	1:00	AIR										393	394:40	3.5	
		AIR/O ₂										92	103:40		
Exceptional Exposure: SurDO ₂ -----															
420	1:00	AIR										464	465:40	4.5	
		AIR/O ₂										113	129:40		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})							Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group	
			30	27	24	21	18	15	12				9
16 METERS_{sw}													
74	1:50	AIR								0	1:50	0	L
		AIR/O ₂								0	1:50		
75	1:10	AIR								1	2:50	0.5	L
		AIR/O ₂								1	2:50		
80	1:10	AIR								4	5:50	0.5	M
		AIR/O ₂								2	3:50		
90	1:10	AIR								10	11:50	0.5	N
		AIR/O ₂								5	6:50		
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----													
100	1:10	AIR								17	18:50	0.5	O
		AIR/O ₂								8	9:50		
110	1:10	AIR								34	35:50	0.5	O
		AIR/O ₂								12	13:50		
120	1:10	AIR								48	49:50	1	Z
		AIR/O ₂								17	18:50		
130	1:10	AIR								59	60:50	1	Z
		AIR/O ₂								22	23:50		
140	1:10	AIR								84	85:50	1	Z
		AIR/O ₂								26	27:50		
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----													
150	1:10	AIR								105	106:50	1.5	Z
		AIR/O ₂								30	31:50		
160	1:10	AIR								123	124:50	1.5	Z
		AIR/O ₂								34	35:50		
170	1:10	AIR								138	139:50	1.5	Z
		AIR/O ₂								40	46:50		
180	1:10	AIR								151	152:50	2	Z
		AIR/O ₂								45	51:50		
190	1:10	AIR								169	170:50	2	
		AIR/O ₂								50	56:50		
200	1:10	AIR								190	191:50	2	
		AIR/O ₂								54	60:50		
210	1:10	AIR								208	209:50	2.5	
		AIR/O ₂								58	64:50		
220	1:10	AIR								224	225:50	2.5	
		AIR/O ₂								62	68:50		
230	1:10	AIR								239	240:50	2.5	
		AIR/O ₂								66	77:50		
240	1:10	AIR								254	255:50	3	
		AIR/O ₂								69	80:50		
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----													
270	1:10	AIR								313	314:50	3.5	
		AIR/O ₂								83	94:50		
300	1:10	AIR								380	381:50	3.5	
		AIR/O ₂								94	105:50		
330	1:10	AIR								432	433:50	4	
		AIR/O ₂								106	122:50		
Exceptional Exposure: SurDO ₂ -----													
360	1:10	AIR								474	475:50	4.5	
		AIR/O ₂								118	134:50		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})							Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group	
			30	27	24	21	18	15	12				9
18 METERS_{sw}													
60	2:00	AIR								0	2:00	0	K
		AIR/O ₂								0	2:00		
65	1:20	AIR								2	4:00	0.5	L
		AIR/O ₂								1	3:00		
70	1:20	AIR								7	9:00	0.5	L
		AIR/O ₂								4	6:00		
80	1:20	AIR								14	16:00	0.5	N
		AIR/O ₂								7	9:00		
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----													
90	1:20	AIR								23	25:00	0.5	O
		AIR/O ₂								10	12:00		
100	1:20	AIR								42	44:00	1	Z
		AIR/O ₂								15	17:00		
110	1:20	AIR								57	59:00	1	Z
		AIR/O ₂								21	23:00		
120	1:20	AIR								75	77:00	1	Z
		AIR/O ₂								26	28:00		
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----													
130	1:20	AIR								102	104:00	1.5	Z
		AIR/O ₂								31	33:00		
140	1:20	AIR								124	126:00	1.5	Z
		AIR/O ₂								35	37:00		
150	1:20	AIR								143	145:00	2	Z
		AIR/O ₂								41	48:00		
160	1:20	AIR								158	160:00	2	Z
		AIR/O ₂								48	55:00		
170	1:20	AIR								178	180:00	2	
		AIR/O ₂								53	60:00		
180	1:20	AIR								201	203:00	2.5	
		AIR/O ₂								59	66:00		
190	1:20	AIR								222	224:00	2.5	
		AIR/O ₂								64	71:00		
200	1:20	AIR								240	242:00	2.5	
		AIR/O ₂								68	80:00		
210	1:20	AIR								256	258:00	3	
		AIR/O ₂								73	85:00		
220	1:20	AIR								278	280:00	3	
		AIR/O ₂								77	89:00		
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----													
230	1:20	AIR								300	302:00	3.5	
		AIR/O ₂								82	94:00		
240	1:20	AIR								321	323:00	3.5	
		AIR/O ₂								88	100:00		
270	1:20	AIR								398	400:00	4	
		AIR/O ₂								102	119:00		
Exceptional Exposure: SurDO ₂ -----													
300	1:20	AIR								456	458:00	4.5	
		AIR/O ₂								115	132:00		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group	
			30	27	24	21	18	15	12	9				6
21 METERS_{sw}														
48	2:20	AIR									0	2:20	0	K
		AIR/O ₂									0	2:20		
50	1:40	AIR									2	4:20	0.5	K
		AIR/O ₂									1	3:20		
55	1:40	AIR									9	11:20	0.5	L
		AIR/O ₂									5	7:20		
60	1:40	AIR									14	16:20	0.5	M
		AIR/O ₂									8	10:20		
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----														
70	1:40	AIR									24	26:20	0.5	N
		AIR/O ₂									13	15:20		
80	1:40	AIR									44	46:20	1	O
		AIR/O ₂									17	19:20		
90	1:40	AIR									64	66:20	1	Z
		AIR/O ₂									24	26:20		
100	1:40	AIR									88	90:20	1.5	Z
		AIR/O ₂									31	33:20		
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----														
110	1:40	AIR									120	122:20	1.5	Z
		AIR/O ₂									38	45:20		
120	1:40	AIR									145	147:20	2	Z
		AIR/O ₂									44	51:20		
130	1:40	AIR									167	169:20	2	Z
		AIR/O ₂									51	58:20		
140	1:40	AIR									189	191:20	2.5	
		AIR/O ₂									59	66:20		
150	1:40	AIR									219	221:20	2.5	
		AIR/O ₂									66	78:20		
160	1:20	AIR								1	244	247:00	3	
		AIR/O ₂								1	72	85:00		
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----														
170	1:20	AIR								2	265	269:00	3	
		AIR/O ₂								1	78	91:00		
180	1:20	AIR								4	289	295:00	3.5	
		AIR/O ₂								2	83	97:00		
190	1:20	AIR								5	316	323:00	3.5	
		AIR/O ₂								3	88	103:00		
200	1:20	AIR								9	345	356:00	4	
		AIR/O ₂								5	93	115:00		
210	1:20	AIR								13	378	393:00	4	
		AIR/O ₂								7	98	122:00		
Exceptional Exposure: SurDO ₂ -----														
240	1:20	AIR								25	454	481:00	5	
		AIR/O ₂								13	110	140:00		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _s w)								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group		
			30	27	24	21	18	15	12	9				6	
24 METERS_sw															
39	2:40	AIR									0	2:40	0	J	
		AIR/O ₂									0	2:40			
40	2:00	AIR									1	3:40	0.5	J	
		AIR/O ₂									1	3:40			
45	2:00	AIR									10	12:40	0.5	K	
		AIR/O ₂									5	7:40			
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----															
50	2:00	AIR									17	19:40	0.5	M	
		AIR/O ₂									9	11:40			
55	2:00	AIR									24	26:40	0.5	M	
		AIR/O ₂									13	15:40			
60	2:00	AIR									30	32:40	1	N	
		AIR/O ₂									16	18:40			
70	2:00	AIR									54	56:40	1	O	
		AIR/O ₂									22	24:40			
80	2:00	AIR									77	79:40	1.5	Z	
		AIR/O ₂									30	32:40			
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----															
90	2:00	AIR									114	116:40	1.5	Z	
		AIR/O ₂									39	46:40			
100	1:40	AIR									1	147	150:20	2	Z
		AIR/O ₂									1	46	54:20		
110	1:40	AIR									6	171	179:20	2	Z
		AIR/O ₂									3	51	61:20		
120	1:40	AIR									10	200	212:20	2.5	
		AIR/O ₂									5	59	71:20		
130	1:40	AIR									14	232	248:20	3	
		AIR/O ₂									7	67	86:20		
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----															
140	1:40	AIR									17	258	277:20	3.5	
		AIR/O ₂									9	73	94:20		
150	1:40	AIR									19	285	306:20	3.5	
		AIR/O ₂									10	80	102:20		
160	1:40	AIR									21	318	341:20	4	
		AIR/O ₂									11	86	114:20		
170	1:40	AIR									27	354	383:20	4	
		AIR/O ₂									14	90	121:20		
Exceptional Exposure: SurDO ₂ -----															
180	1:40	AIR									33	391	426:20	4.5	
		AIR/O ₂									17	96	130:20		
210	1:40	AIR									50	474	526:20	5	
		AIR/O ₂									26	110	158:20		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _s w)								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group		
			30	27	24	21	18	15	12	9				6	
27 METERS_sw															
30	3:00	AIR									0	3:00	0	I	
		AIR/O ₂									0	3:00			
35	2:20	AIR									4	7:00	0.5	J	
		AIR/O ₂									2	5:00			
40	2:20	AIR									14	17:00	0.5	L	
		AIR/O ₂									7	10:00			
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----															
45	2:20	AIR									23	26:00	0.5	M	
		AIR/O ₂									12	15:00			
50	2:20	AIR									31	34:00	1	N	
		AIR/O ₂									17	20:00			
55	2:20	AIR									39	42:00	1	O	
		AIR/O ₂									21	24:00			
60	2:20	AIR									56	59:00	1	O	
		AIR/O ₂									24	27:00			
70	2:20	AIR									83	86:00	1.5	Z	
		AIR/O ₂									32	35:00			
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----															
80	2:00	AIR									5	125	132:40	2	Z
		AIR/O ₂									3	40	50:40		
90	2:00	AIR									13	158	173:40	2	Z
		AIR/O ₂									7	46	60:40		
100	2:00	AIR									19	185	206:40	2.5	
		AIR/O ₂									10	53	70:40		
110	2:00	AIR									25	224	251:40	3	
		AIR/O ₂									13	61	86:40		
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----															
120	1:40	AIR									1	29	256	288:20	3.5
		AIR/O ₂									1	15	70	98:40	
130	1:40	AIR									5	28	291	326:20	3.5
		AIR/O ₂									5	15	78	110:40	
140	1:40	AIR									8	28	330	368:20	4
		AIR/O ₂									8	15	86	126:40	
Exceptional Exposure: SurDO ₂ -----															
150	1:40	AIR									11	34	378	425:20	4.5
		AIR/O ₂									11	17	94	139:40	
160	1:40	AIR									13	40	418	473:20	4.5
		AIR/O ₂									13	21	100	151:40	
170	1:40	AIR									15	45	451	513:20	5
		AIR/O ₂									15	23	106	166:40	
180	1:40	AIR									16	51	479	548:20	5.5
		AIR/O ₂									16	26	112	176:40	
240	1:40	AIR									42	68	592	704:20	7.5
		AIR/O ₂									42	34	159	267:00	

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _s w)								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group		
			30	27	24	21	18	15	12	9				6	
30 METERS_sw															
25	3:20	AIR									0	3:20	0	H	
		AIR/O ₂									0	3:20			
30	2:40	AIR									3	6:20	0.5	J	
		AIR/O ₂									2	5:20			
35	2:40	AIR									15	18:20	0.5	L	
		AIR/O ₂									8	11:20			
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----															
40	2:40	AIR									26	29:20	1	M	
		AIR/O ₂									14	17:20			
45	2:40	AIR									36	39:20	1	N	
		AIR/O ₂									19	22:20			
50	2:40	AIR									47	50:20	1	O	
		AIR/O ₂									24	27:20			
55	2:40	AIR									65	68:20	1.5	Z	
		AIR/O ₂									28	31:20			
60	2:40	AIR									81	84:20	1.5	Z	
		AIR/O ₂									33	35:20			
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----															
70	2:20	AIR									11	124	138:00	2	Z
		AIR/O ₂									6	39	53:00		
80	2:20	AIR									21	160	184:00	2.5	Z
		AIR/O ₂									11	45	64:00		
90	2:00	AIR							2	28	196	228:40	2.5		
		AIR/O ₂							2	15	52	82:00			
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----															
100	2:00	AIR							9	28	241	280:40	3		
		AIR/O ₂							9	14	66	102:00			
110	2:00	AIR							14	28	278	322:40	3.5		
		AIR/O ₂							14	15	75	117:00			
120	2:00	AIR							19	28	324	373:40	4		
		AIR/O ₂							19	15	84	136:00			
Exceptional Exposure: SurDO ₂ -----															
150	1:40	AIR							3	26	46	461	538:20	5	
		AIR/O ₂							3	26	24	108	183:40		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group		
			30	27	24	21	18	15	12	9				6	
33 METERS_{sw}															
20	3:40	AIR									0	3:40	0	H	
		AIR/O ₂									0	3:40			
25	3:00	AIR									3	6:40	0.5	I	
		AIR/O ₂									2	5:40			
30	3:00	AIR									14	17:40	0.5	K	
		AIR/O ₂									7	10:40			
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----															
35	3:00	AIR									27	30:40	1	M	
		AIR/O ₂									14	17:40			
40	3:00	AIR									39	42:40	1	N	
		AIR/O ₂									20	23:40			
45	3:00	AIR									50	53:40	1	O	
		AIR/O ₂									26	29:40			
50	3:00	AIR									71	74:40	1.5	Z	
		AIR/O ₂									31	34:40			
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----															
55	2:40	AIR									5	85	93:20	1.5	Z
		AIR/O ₂									3	33	44:20		
60	2:40	AIR									13	111	127:20	2	Z
		AIR/O ₂									7	36	51:20		
70	2:40	AIR									26	155	184:20	2.5	Z
		AIR/O ₂									13	43	64:20		
80	2:20	AIR							9	28	200	240:00	2.5		
		AIR/O ₂							9	15	53	90:20			
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----															
90	2:20	AIR							17	29	248	297:00	3.5		
		AIR/O ₂							17	15	67	112:20			
100	2:20	AIR							25	28	295	351:00	3.5		
		AIR/O ₂							25	15	78	131:20			
110	2:00	AIR						5	26	28	353	414:40	4		
		AIR/O ₂						5	26	15	90	154:00			
Exceptional Exposure: SurDO ₂ -----															
120	2:00	AIR						10	26	35	413	486:40	4.5		
		AIR/O ₂						10	26	18	101	173:00			
180	1:40	AIR				3	23	47	68	593	736:20	7.5			
		AIR/O ₂				3	23	47	34	159	298:00				

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _s w)								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group	
			30	27	24	21	18	15	12	9				6
36 METERS_sw														
15	4:00	AIR									0	4:00	0	F
		AIR/O ₂									0	4:00		
20	3:20	AIR									2	6:00	0.5	H
		AIR/O ₂									1	5:00		
25	3:20	AIR									8	12:00	0.5	J
		AIR/O ₂									4	8:00		
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----														
30	3:20	AIR									24	28:00	0.5	L
		AIR/O ₂									13	17:00		
35	3:20	AIR									38	42:00	1	N
		AIR/O ₂									20	24:00		
40	3:20	AIR									51	55:00	1	O
		AIR/O ₂									27	31:00		
45	3:20	AIR									72	76:00	1.5	Z
		AIR/O ₂									33	37:00		
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----														
50	3:00	AIR								9	86	98:40	1.5	Z
		AIR/O ₂									5	33	46:40	
55	3:00	AIR								19	116	138:40	2	Z
		AIR/O ₂									10	35	53:40	
60	3:00	AIR								27	142	172:40	2	Z
		AIR/O ₂									14	39	61:40	
70	2:40	AIR							12	29	189	233:20	2.5	
		AIR/O ₂								12	15	50	85:40	
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----														
80	2:40	AIR							24	28	246	301:20	3	
		AIR/O ₂								24	14	67	118:40	
90	2:20	AIR							7	26	28	303	367:00	3.5
		AIR/O ₂								7	26	15	79	140:20
100	2:20	AIR							14	26	28	372	443:00	4
		AIR/O ₂								14	26	15	94	167:20
Exceptional Exposure: SurDO ₂ -----														
110	2:20	AIR							21	25	38	433	520:00	5
		AIR/O ₂								21	25	20	104	188:20
120	2:00	AIR						3	23	25	47	480	580:40	5.5
		AIR/O ₂							3	23	25	24	113	211:00

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group			
			30	27	24	21	18	15	12	9				6		
39 METERS_{sw}																
10	4:20	AIR									0	4:20	0	E		
		AIR/O ₂									0	4:20				
15	3:40	AIR									1	5:20	0.5	G		
		AIR/O ₂									1	5:20				
20	3:40	AIR									4	8:20	0.5	I		
		AIR/O ₂									2	6:20				
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----																
25	3:40	AIR									17	21:20	0.5	K		
		AIR/O ₂									9	13:20				
30	3:40	AIR									34	38:20	1	M		
		AIR/O ₂									18	22:20				
35	3:40	AIR									49	53:20	1	N		
		AIR/O ₂									26	30:20				
40	3:20	AIR								3	67	74:00	1.5	Z		
		AIR/O ₂								2	31	37:00				
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----																
45	3:20	AIR								12	84	100:00	1.5	Z		
		AIR/O ₂								6	33	48:00				
50	3:20	AIR								22	116	142:00	2	Z		
		AIR/O ₂								11	35	55:00				
55	3:00	AIR							4	28	145	180:40	2	Z		
		AIR/O ₂							4	15	39	67:00				
60	3:00	AIR							12	28	170	213:40	2.5	Z		
		AIR/O ₂							12	15	45	81:00				
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----																
70	2:40	AIR							1	26	28	235	293:20	3		
		AIR/O ₂							1	26	14	63	117:40			
80	2:40	AIR							12	26	28	297	366:20	3.5		
		AIR/O ₂							12	26	15	78	144:40			
90	2:40	AIR							21	26	28	374	452:20	4		
		AIR/O ₂							21	26	15	94	174:40			
Exceptional Exposure: SurDO ₂ -----																
100	2:20	AIR							6	23	26	38	444	540:00	5	
		AIR/O ₂							6	23	26	20	106	204:20		
120	2:20	AIR							17	23	28	57	533	661:00	6	
		AIR/O ₂							17	23	28	29	130	255:20		
180	2:00	AIR							13	21	45	57	94	658	890:40	9
		AIR/O ₂							13	21	45	57	46	198	417:20	

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _s w)								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group			
			30	27	24	21	18	15	12	9				6		
42 METERS_sw																
10	4:40	AIR									0	4:40	0	E		
		AIR/O ₂									0	4:40				
15	4:00	AIR									2	6:40	0.5	H		
		AIR/O ₂									1	5:40				
20	4:00	AIR									7	11:40	0.5	J		
		AIR/O ₂									4	8:40				
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----																
25	4:00	AIR									26	30:40	1	L		
		AIR/O ₂									14	18:40				
30	4:00	AIR									44	48:40	1	N		
		AIR/O ₂									23	27:40				
35	3:40	AIR									4	59	67:20	1.5	O	
		AIR/O ₂									2	30	36:20			
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----																
40	3:40	AIR									11	80	95:20	1.5	Z	
		AIR/O ₂									6	33	48:20			
45	3:20	AIR								3	21	113	141:00	2	Z	
		AIR/O ₂								3	11	34	57:20			
50	3:20	AIR								7	28	145	184:00	2	Z	
		AIR/O ₂								7	14	40	70:20			
55	3:20	AIR								16	28	171	219:00	2.5	Z	
		AIR/O ₂								16	15	45	85:20			
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----																
60	3:00	AIR								2	23	28	209	265:40	3	
		AIR/O ₂								2	23	15	55	109:00		
70	3:00	AIR								14	25	28	276	346:40	3.5	
		AIR/O ₂								14	25	15	74	142:00		
80	2:40	AIR								2	24	25	29	362	445:20	4
		AIR/O ₂								2	24	25	15	91	175:40	
Exceptional Exposure: SurDO ₂ -----																
90	2:40	AIR								12	23	26	38	443	545:20	5
		AIR/O ₂								12	23	26	19	107	210:40	

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sww})								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group							
			30	27	24	21	18	15	12	9				6						
46 METERS_{sww}																				
5	5:00	AIR									0	5:00	0	C						
		AIR/O ₂									0	5:00								
10	4:20	AIR									1	6:00	0.5	F						
		AIR/O ₂									1	6:00								
15	4:20	AIR									3	8:00	0.5	H						
		AIR/O ₂									2	7:00								
20	4:20	AIR									14	19:00	0.5	K						
		AIR/O ₂									8	13:00								
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----																				
25	4:20	AIR									35	40:00	1	M						
		AIR/O ₂									19	24:00								
30	4:00	AIR									3	51	58:40	1.5	O					
		AIR/O ₂									2	26	32:40							
35	4:00	AIR									11	72	87:40	1.5	Z					
		AIR/O ₂									6	31	46:40							
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----																				
40	3:40	AIR									4	18	102	128:20	2	Z				
		AIR/O ₂									4	9	34	56:40						
45	3:40	AIR									10	25	140	179:20	2	Z				
		AIR/O ₂									10	13	39	71:40						
50	3:20	AIR									3	15	28	170	220:00	2.5	Z			
		AIR/O ₂									3	15	15	45	87:20					
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----																				
55	3:20	AIR									6	22	28	211	271:00	3				
		AIR/O ₂									6	22	15	56	113:20					
60	3:20	AIR									11	26	28	248	317:00	3				
		AIR/O ₂									11	26	15	66	132:20					
70	3:00	AIR									3	24	25	28	330	413:40	4			
		AIR/O ₂									3	24	25	15	84	170:00				
Exceptional Exposure: SurDO ₂ -----																				
80	3:00	AIR									15	23	26	35	430	532:40	4.5			
		AIR/O ₂									15	23	26	18	104	205:00				
90	2:40	AIR									3	22	23	26	47	496	620:20	5.5		
		AIR/O ₂									3	22	23	26	24	118	239:40			
120	2:20	AIR									3	20	22	23	50	75	608	804:00	8	
		AIR/O ₂									3	20	22	23	50	37	168	355:40		
180	2:00	AIR									2	19	20	42	48	79	121	694	1027:40	10.5
		AIR/O ₂									2	19	20	42	48	79	58	222	537:20	

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group					
			30	27	24	21	18	15	12	9				6				
48 METERS_{sw}																		
5	5:20	AIR									0	5:20	0	C				
		AIR/O ₂									0	5:20						
10	4:40	AIR									1	6:20	0.5	F				
		AIR/O ₂									1	6:20						
15	4:40	AIR									5	10:20	0.5	I				
		AIR/O ₂									3	8:00						
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----																		
20	4:40	AIR									22	27:20	0.5	L				
		AIR/O ₂									12	17:20						
25	4:20	AIR									3	41	49:00	1	N			
		AIR/O ₂									2	21	28:00					
30	4:00	AIR									1	8	60	73:40	1.5	O		
		AIR/O ₂									1	5	28	39:00				
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----																		
35	4:00	AIR									4	14	84	106:40	1.5	Z		
		AIR/O ₂									4	8	32	54:00				
40	4:00	AIR									12	20	130	166:40	2	Z		
		AIR/O ₂									12	11	37	70:00				
45	3:40	AIR									5	13	28	164	214:20	2.5	Z	
		AIR/O ₂									5	13	14	44	85:40			
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----																		
50	3:40	AIR									10	19	28	207	268:20	3		
		AIR/O ₂									10	19	15	54	112:40			
55	3:20	AIR									2	12	26	28	248	320:00	3	
		AIR/O ₂									2	12	26	14	67	135:20		
60	3:20	AIR									5	18	25	29	290	371:00	3.5	
		AIR/O ₂									5	18	25	15	77	154:20		
Exceptional Exposure: SurDO ₂ -----																		
70	3:20	AIR									15	23	26	29	399	496:00	4.5	
		AIR/O ₂									15	23	26	15	99	197:20		
80	3:00	AIR									6	21	24	25	44	482	605:40	5.5
		AIR/O ₂									6	21	24	25	23	114	237:00	

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _s w)								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group		
			30	27	24	21	18	15	12	9				6	
52 METERS_sw															
5	5:40	AIR									0	5:40	0	D	
		AIR/O ₂									0	5:40			
10	5:00	AIR									2	7:40	0.5	G	
		AIR/O ₂									1	6:40			
15	5:00	AIR									7	12:40	0.5	J	
		AIR/O ₂									4	9:40			
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----															
20	4:40	AIR									1	29	35:20	1	L
		AIR/O ₂									1	15	21:20		
25	4:20	AIR							1	6	46	58:00	1	N	
		AIR/O ₂							1	4	23	33:20			
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----															
30	4:20	AIR							5	11	72	93:00	1.5	Z	
		AIR/O ₂							5	6	29	45:20			
35	4:00	AIR						2	9	17	113	145:40	2	Z	
		AIR/O ₂						2	9	9	35	65:00			
40	4:00	AIR						6	13	23	155	201:40	2.5	Z	
		AIR/O ₂						6	13	12	43	84:00			
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----															
45	4:00	AIR						12	16	28	194	254:40	2.5		
		AIR/O ₂						12	16	15	51	109:00			
50	3:40	AIR					5	12	23	28	243	315:20	3		
		AIR/O ₂					5	12	23	15	65	134:40			
55	3:40	AIR					9	16	25	28	287	369:20	3.5		
		AIR/O ₂					9	16	25	15	76	155:40			
60	3:20	AIR				2	11	21	26	28	344	436:00	4		
		AIR/O ₂				2	11	21	26	15	87	181:20			
Exceptional Exposure: SurDO ₂ -----															
70	3:20	AIR				7	19	24	25	39	454	572:00	5		
		AIR/O ₂				7	19	24	25	20	109	228:20			
80	3:20	AIR				17	22	23	26	53	525	670:00	6		
		AIR/O ₂				17	22	23	26	27	128	267:20			
90	3:00	AIR			7	20	22	23	37	66	574	752:40	7		
		AIR/O ₂			7	20	22	23	37	33	148	318:20			
120	2:40	AIR		9	19	20	22	42	60	94	659	928:20	9		
		AIR/O ₂		9	19	20	22	42	60	46	198	454:00			
180	2:20	AIR	10	18	19	40	43	70	97	156	703	1159:00	11.5		
		AIR/O ₂	10	18	19	40	43	70	97	75	228	648:00			

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group							
			30	27	24	21	18	15	12	9				6						
55 METERS_{sw}																				
5	6:00	AIR									0	6:00	0	D						
		AIR/O ₂									0	6:00								
10	5:20	AIR									3	9:00	0.5	G						
		AIR/O ₂									2	8:00								
15	5:20	AIR									11	17:00	0.5	J						
		AIR/O ₂									6	12:00								
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----																				
20	5:00	AIR									4	34	43:40	1	M					
		AIR/O ₂									2	18	25:40							
25	4:40	AIR									4	7	54	70:20	1.5	O				
		AIR/O ₂									4	4	26	39:40						
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----																				
30	4:20	AIR									2	7	14	83	111:00	1.5	Z			
		AIR/O ₂									2	7	7	31	57:20					
35	4:20	AIR									5	13	19	138	180:00	2	Z			
		AIR/O ₂									5	13	10	40	78:20					
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----																				
40	4:00	AIR									2	11	12	28	175	232:40	2.5	Z		
		AIR/O ₂									2	11	12	14	47	96:00				
45	4:00	AIR									7	11	20	28	231	301:40	3			
		AIR/O ₂									7	11	20	15	61	129:00				
50	3:40	AIR									1	11	13	25	28	276	358:20	3.5		
		AIR/O ₂									1	11	13	25	15	74	153:40			
55	3:40	AIR									5	11	19	26	28	336	429:20	4		
		AIR/O ₂									5	11	19	26	14	87	181:40			
Exceptional Exposure: SurDO ₂ -----																				
60	3:40	AIR									8	13	24	25	31	405	510:20	4.5		
		AIR/O ₂									8	13	24	25	16	100	205:40			
70	3:20	AIR									3	13	21	24	25	48	498	636:00	5.5	
		AIR/O ₂									3	13	21	24	25	25	118	253:20		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group					
			30	27	24	21	18	15	12	9				6				
58 METERS_{sw}																		
5	6:20	AIR									0	6:20	0	D				
		AIR/O ₂									0	6:20						
10	5:40	AIR									4	10:20	0.5	H				
		AIR/O ₂									2	8:20						
In-Water Air/O ₂ Decompression or SurDO ₂ Recommended -----																		
15	5:40	AIR									17	23:20	0.5	K				
		AIR/O ₂									9	15:20						
20	5:00	AIR							1	7	37	50:40	1	N				
		AIR/O ₂							1	4	19	30:00						
25	4:40	AIR							2	6	9	67	89:20	1.5	Z			
		AIR/O ₂							2	6	5	28	46:40					
Exceptional Exposure: In-Water Air Decompression ----- In-Water Air/O ₂ Decompression or SurDO ₂ Required -----																		
30	4:40	AIR							6	8	14	111	144:20	2	Z			
		AIR/O ₂							6	8	8	35	67:40					
35	4:20	AIR							3	8	13	22	160	211:00	2.5	Z		
		AIR/O ₂							3	8	13	12	44	90:20				
Exceptional Exposure: In-Water Air/O ₂ Decompression ----- SurDO ₂ Required-----																		
40	4:20	AIR							7	12	14	29	210	277:00	3			
		AIR/O ₂							7	12	14	15	56	119:20				
45	4:00	AIR							2	11	12	23	28	262	342:40	3.5		
		AIR/O ₂							2	11	12	23	15	70	148:00			
50	4:00	AIR							7	11	16	26	28	321	413:40	4		
		AIR/O ₂							7	11	16	26	15	83	178:00			
Exceptional Exposure: SurDO ₂ -----																		
55	3:40	AIR							2	10	10	24	25	30	396	501:20	4.5	
		AIR/O ₂							2	10	10	24	25	16	98	204:40		
60	3:40	AIR							5	10	16	24	25	40	454	578:20	5	
		AIR/O ₂							5	10	16	24	25	21	108	233:40		
90	3:20	AIR							11	19	20	21	28	51	83	626	863:00	8.5
		AIR/O ₂							11	19	20	21	28	51	42	177	408:40	
120	3:00	AIR	15	17	19	20	37	46	79	113	691	1040:40	10.5					
		AIR/O ₂	15	17	19	20	37	46	79	55	219	550:20						

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _{sw})								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group	
			30	27	24	21	18	15	12	9				6
60 METERS_{sw}														
Exceptional Exposure -----														
5	6:00	AIR									1	7:40	0.5	
		AIR/O ₂									1	7:40		
10	6:00	AIR									2	8:40	0.5	
		AIR/O ₂									1	7:40		
15	5:40	AIR									2	22	30:20	0.5
		AIR/O ₂									1	11	18:20	
20	5:20	AIR							5	6	43	60:00	1	
		AIR/O ₂							5	4	21	36:20		
25	5:00	AIR							5	6	11	78	105:40	1.5
		AIR/O ₂							5	6	6	29	52:00	
30	4:40	AIR					4	5	11	18	136	179:20	2	
		AIR/O ₂					4	5	11	9	40	79:40		
35	4:20	AIR				1	6	10	13	26	179	240:00	2.5	
		AIR/O ₂				1	6	10	13	13	49	102:20		
40	4:20	AIR				3	10	12	18	28	243	319:00	3	
		AIR/O ₂				3	10	12	18	15	65	138:20		
45	4:20	AIR				8	11	12	26	28	300	390:00	3.5	
		AIR/O ₂				8	11	12	26	15	79	166:20		
50	4:00	AIR			3	10	11	20	26	28	377	479:40	4.5	
		AIR/O ₂			3	10	11	20	26	15	95	200:00		
64 METERS_{sw}														
Exceptional Exposure -----														
5	6:20	AIR									1	8:00	0.5	
		AIR/O ₂									1	8:00		
10	6:20	AIR									5	12:00	0.5	
		AIR/O ₂									3	10:00		
15	6:00	AIR									5	26	37:40	1
		AIR/O ₂									3	13	22:40	
20	5:20	AIR						2	6	7	50	71:00	1.5	
		AIR/O ₂						2	6	4	24	42:20		
25	5:00	AIR					2	6	7	13	94	127:40	1.5	
		AIR/O ₂					2	6	7	7	32	65:00		
30	4:40	AIR				2	5	6	13	21	156	208:20	2	
		AIR/O ₂				2	5	6	13	11	43	90:40		
35	4:40	AIR				5	6	12	14	28	214	284:20	3	
		AIR/O ₂				5	6	12	14	14	58	124:40		
40	4:20	AIR			2	6	11	12	22	28	271	357:00	3.5	
		AIR/O ₂			2	6	11	12	22	15	74	157:20		
45	4:20	AIR			4	10	11	16	25	29	347	447:00	4	
		AIR/O ₂			4	10	11	16	25	15	89	190:20		
50	4:20	AIR			9	10	11	23	26	35	426	545:00	4.5	
		AIR/O ₂			9	10	11	23	26	18	104	221:20		

Table 9-9. Air Decompression Table (Continued).
(DESCENT RATE 22 MPM—ASCENT RATE 9 MPM)

Bottom Time (min)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (METERS _s w)								Total Ascent Time (M:S)	Chamber O ₂ Periods	Repet Group	
			30	27	24	21	18	15	12	9				6
67 METERS_sw														
Exceptional Exposure -----														
5	6:40	AIR									2	9:20	0.5	
		AIR/O ₂									1	8:20		
10	6:40	AIR									8	15:20	0.5	
		AIR/O ₂									4	11:20		
15	6:00	AIR							1	7	30	44:40	1	
		AIR/O ₂							1	4	15	27:00		
20	5:40	AIR							5	6	7	63	87:20	1.5
		AIR/O ₂							5	6	4	27	48:40	
25	5:20	AIR						5	6	8	14	119	158:00	2
		AIR/O ₂						5	6	8	7	38	75:20	
30	5:00	AIR					5	5	8	13	24	174	234:40	2.5
		AIR/O ₂					5	5	8	13	13	47	102:00	
35	4:40	AIR			3	5	9	11	18	28	244	323:20	3	
		AIR/O ₂			3	5	9	11	18	15	66	142:40		
40	4:20	AIR		1	4	9	11	11	26	28	312	407:00	4	
		AIR/O ₂		1	4	9	11	11	26	15	82	179:20		
76 METERS_sw														
Exceptional Exposure -----														
5	7:40	AIR									3	11:20	0.5	
		AIR/O ₂									2	10:20		
10	7:20	AIR									2	15	25:00	0.5
		AIR/O ₂									1	8	17:00	
15	6:40	AIR							3	7	7	41	65:20	1
		AIR/O ₂							3	7	4	21	42:40	
20	6:00	AIR				2	6	5	7	12	106	144:40	2	
		AIR/O ₂				2	6	5	7	6	35	73:00		
25	5:40	AIR			4	5	5	7	13	24	175	239:20	2.5	
		AIR/O ₂			4	5	5	7	13	13	47	105:40		
30	5:20	AIR		4	4	5	9	11	20	28	257	344:00	3.5	
		AIR/O ₂		4	4	5	9	11	20	14	70	153:20		
35	5:00	AIR	2	5	4	10	11	14	25	29	347	452:40	4	
		AIR/O ₂	2	5	4	10	11	14	25	15	89	196:00		
91 METERS_sw														
Exceptional Exposure -----														
5	9:20	AIR									6	16:00	0.5	
		AIR/O ₂									3	13:00		
10	8:20	AIR							2	5	7	32	55:00	1
		AIR/O ₂							2	5	4	16	36:20	
15	7:20	AIR			1	4	5	6	6	10	102	142:00	1.5	
		AIR/O ₂			1	4	5	6	6	5	35	75:20		
20	6:40	AIR	1	4	5	5	5	6	14	28	196	271:20	2.5	
		AIR/O ₂	1	4	5	5	5	6	14	15	52	124:40		
25	6:40	AIR	7	4	5	5	10	12	25	29	305	409:00	3.5	
		AIR/O ₂	7	4	5	5	10	12	25	15	80	180:20		