



NOAA NO-DECOMPRESSION AIR TABLE

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS. CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME
 (USE ESDT TO DETERMINE END-OF-DIVE LETTER GROUP)

DEPTH		MAXIMUM NO-STOP TIME														
MSW	FEET	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
12	40	5	15	25	30	40	50	70	80	100	110	130	150	170	200	
15	50		10	15	25	30	40	50	60	70	80	90	100	120	160	
18	60		10	15	20	25	30	40	50	55	60	70	80	100	21	
22	70		5	10	15	20	30	35	40	45	50	60	70	80		
25	80		5	10	15	20	25	30	35	40	50	60	70	80		
28	90		5	10	12	15	20	25	30	40	50	60	70	80		
31	100		5	7	10	15	20	22	25	30	40	50	60	70		
34	110			5	10	13	15	20	25	30	40	50	60	70		
37	120			5	10	12	15	20	25	30	40	50	60	70		
40	130			5	8	10	15	20	25	30	40	50	60	70		

msw	12	15	18	22	25	28	31	34	37	40	GROUP
fsw	40	50	60	70	80	90	100	110	120	130	Letter
7	6	5	4	4	3	3	3	3	3	3	A
193	94	55	46	36	27	22	17	12	7		A
17	13	11	9	8	7	7	6	6	6	6	B
183	87	49	41	32	23	18	14	9	4		B
25	21	17	15	13	11	10	10	9	8	8	C
175	79	43	35	27	19	15	10	6	2		C
37	29	24	20	18	16	14	13	12			D
163	71	36	30	22	14	11	7	3			D
49	38	30	26	23	20	18	16				E
151	62	30	24	17	10	7	4				E
61	47	36	31	28	24	22					F
139	53	24	19	12	6	3					F
73	56	44	37	32	29						G
127	44	16	13	8	1						G
87	66	52	43	38							H
113	34	8	7	2							H
101	76										I
99	24										I
116	87										J
84	13										J
138	99										K
62	1										K
161											L
39											L
187											M
13											M
											N

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00
0:10	3:21	4:50	5:49	6:35	7:06	7:36	8:00	8:22	8:51	8:59	9:13	9:29	9:44	9:44
	3:20	4:49	5:48	6:34	7:05	7:35	7:59	8:21	8:50	8:58	9:12	9:28	9:43	9:43
	0:10	1:40	2:39	3:25	3:58	4:26	4:50	5:13	5:41	5:49	6:03	6:19	6:33	6:33
		1:39	2:38	3:24	3:57	4:25	4:49	5:12	5:40	5:48	6:02	6:18	6:32	6:32
		0:10	1:10	1:58	2:29	2:59	3:21	3:44	4:03	4:20	4:36	4:50	5:04	5:04
			1:09	1:57	2:28	2:58	3:20	3:43	4:02	4:19	4:35	4:49	5:03	5:03
			0:10	0:55	1:30	2:00	2:24	2:45	3:05	3:22	3:37	3:53	4:05	4:05
				0:54	1:29	1:59	2:23	2:44	3:04	3:21	3:36	3:52	4:04	4:04
				0:10	0:46	1:16	1:42	2:03	2:21	2:39	2:54	3:09	3:23	3:23
					0:45	1:15	1:41	2:02	2:20	2:38	2:53	3:08	3:22	3:22
					0:10	0:41	1:07	1:30	1:48	2:04	2:20	2:35	2:48	2:48
						0:40	1:06	1:29	1:47	2:03	2:19	2:34	2:47	2:47
						0:10	0:37	1:00	1:20	1:36	1:50	2:06	2:19	2:19
							0:36	0:59	1:19	1:35	1:49	2:05	2:18	2:18
							0:10	0:34	0:55	1:12	1:26	1:36	1:54	1:54
								0:33	0:54	1:11	1:25	1:35	1:53	1:53
								0:10	0:32	0:50	1:05	1:19	1:31	1:31
									0:31	0:49	1:04	1:18	1:30	1:30
									0:10	0:29	0:46	1:00	1:12	1:12
										0:28	0:45	0:59	1:11	1:11
										0:10	0:27	0:43	0:55	0:55
											0:26	0:42	0:54	0:54
											0:10	0:26	0:40	0:40
												0:25	0:39	0:39
												0:10	0:25	0:25
													0:24	0:24
														0:10

CHART 3 - REPETITIVE DIVE TIME

00 RED NUMBERS (TOP) ARE RESIDUAL NITROGEN TIMES (RNT)
 00 BLACK NUMBERS (BOTTOM) ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES. ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER

CHART 2 - SURFACE INTERVAL TIME



NOAA NITROX 32 NO-DECOMPRESSION DIVE TABLE - Abbreviated

USE ONLY WITH 32% OXYGEN 68% NITROGEN MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS. CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

PO₂ has been rounded to the next highest value

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

PO ₂	START DEPTH		DIVE TIME REQUIRING DECOMPRESSION																00
	msw	fsw	NO-STOP TIME								MINUTES REQUIRED AT 10 fsw STOP (3 msw)								
0.8	12	40	15	30	45	60	75	95	120	145	170	205	250	310	344	405			
0.9	15	50	5	15	25	30	40	50	70	80	100	110	130	150	170	200	250		
1.0	18	60		10	15	25	30	40	50	60	70	80	90	100	120	160	180		
1.0	22	70		10	15	20	25	30	40	50	55	60	70	80	100	150	200		
1.1	25	80		5	10	15	20	30	35	40	45	50	60	70	80	100	150		
1.2	28	90		5	10	15	20	25	30	35	40	45	50	60	70	100	150		
1.3	31	100		5	10	12	15	20	25	30	35	40	45	50	60	100	150		
1.4	34	110		5	10	12	15	20	25	30	35	40	45	50	60	100	150		
1.5	37	120		5	7	10	15	20	22	25	30	35	40	45	50	100	150		
1.6	40	130		5	10	13	15	20	22	25	30	35	40	45	50	100	150		

CHART 3 - REPETITIVE DIVE TIME

PO ₂	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	Group
msw	12	15	18	22	25	28	31	34	37	40	Letter
fsw	40	50	60	70	80	90	100	110	120	130	
	7	6	5	4	4	4	3	3	3	3	A
	193	94	55	46	36	27	27	22	17	13	
	17	13	11	9	8	7	7	7	6	6	B
	183	87	49	41	32	23	23	18	14	14	
	25	21	17	15	13	11	11	10	10	10	C
	175	79	43	35	27	19	19	15	10	10	
	37	29	24	20	18	16	16	14	13	13	D
	163	71	36	30	22	14	14	11	7	7	
	49	38	30	26	23	20	20	18	16	16	E
	151	62	30	24	17	10	10	7	4	4	
	61	47	36	31	28	24	24	22	20	20	F
	139	53	24	19	12	6	6	3			
	73	56	44	37	32	29	29	26	24	24	G
	127	44	16	13	8	1	1				
	87	66	52	43	38	33	33	30	27	27	H
	113	34	8	7	2						
	101	76	61	50	43	38	38	34	31	31	I
	99	24									
	116	87	70	57	48	43	43	38	34	34	J
	84	13									
	138	99	79	64	54	47	47	43	38	38	K
	62	1									
	161	111	88	72	61	53	53	48	42	42	L
	39										
	187	124	97	80	68	58	58	52	47	47	M
	13										
	213	142	107	87	73	64	64	57	51	51	N
	241	160	117	96	80	70	70	62	55	55	O

CHART 2 - SURFACE INTERVAL TIME

TIME RANGES IN HOURS:MINUTES

ENTER FROM THE TOP, MOVE DOWN TO FIND SURFACE INTERVAL TIME
 MOVE TO LEFT TO FIND THE NEXT REPETITIVE GROUP LETTER

Group	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
A	12:00 0:10	12:00 3:21	12:00 4:50	12:00 5:49	12:00 6:35	12:00 7:06	12:00 7:36	12:00 8:00	12:00 8:22	12:00 8:51	12:00 8:59	12:00 9:13	12:00 9:29	12:00 9:44	12:00 9:55
B		3:20 0:10	4:49 1:40	5:48 2:39	6:34 3:25	7:05 3:58	7:35 4:26	8:00 4:50	8:21 5:13	8:50 5:41	8:58 5:49	9:12 6:03	9:28 6:19	9:43 6:33	9:54 6:45
C			1:39 0:10	2:38 1:10	3:24 1:58	3:57 2:29	4:25 2:59	4:49 3:21	5:12 3:44	5:40 4:03	5:48 4:20	6:02 4:36	6:18 4:50	6:32 5:04	6:44 5:17
D				1:09 0:10	1:57 0:55	2:28 1:30	2:58 2:00	3:20 2:24	3:43 2:45	4:02 3:05	4:19 3:22	4:35 3:37	4:49 3:53	5:03 4:05	5:16 4:18
E					0:54 0:10	1:29 0:46	1:59 1:16	2:23 1:42	2:44 2:03	3:04 2:21	3:21 2:39	3:36 2:54	3:52 3:09	4:04 3:23	4:17 3:34
F						0:45 0:10	1:15 0:41	1:41 1:07	2:02 1:30	2:20 1:48	2:38 2:04	2:53 2:20	3:08 2:35	3:22 2:48	3:33 3:00
G							0:40 0:10	1:06 0:37	1:29 1:00	1:47 1:20	2:03 1:36	2:19 1:50	2:34 2:06	2:47 2:19	2:59 2:30
H								0:36 0:10	0:59 0:34	1:19 0:55	1:35 1:12	1:49 1:26	2:05 1:36	2:18 1:54	2:29 2:05
I									0:33 0:10	0:54 0:32	1:11 0:50	1:25 1:05	1:35 1:19	1:53 1:31	2:04 1:44
J										0:31 0:10	0:49 0:29	1:04 0:46	1:18 1:00	1:30 1:12	1:43 1:25
K											0:28 0:10	0:45 0:27	0:59 0:43	1:11 0:55	1:24 1:08
L												0:26 0:10	0:42 0:26	0:54 0:40	1:07 0:52
M													0:25 0:10	0:39 0:25	0:51 0:37
N														0:24 0:10	0:36 0:24
O															0:23 0:10



NOAA NITROX 36 NO DECOMPRESSION TABLE - Abbreviated

USE ONLY WITH 36% OXYGEN 64% NITROGEN MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS. CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
 +ABT ACTUAL BOTTOM TIME
 ESDDT EQUIVALENT SINGLE DIVE TIME

PO₂ has been rounded to the next highest value

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

PO ₂	START DEPTH		DIVE TIME REQUIRING DECOMPRESSION													RESIDUAL NITROGEN TIME (RNT)	
	msw	fsw	NO-STOP TIME						MINUTES REQUIRED AT 10 fsw STOP (3 msw)							00	00
0.8	12	40	15	30	45	60	75	95	120	145	170	205	250	310	344	405	
1.0	15	50	5	15	25	40	50	60	80	100	120	140	160	190	220	270	310
1.1	18	60		10	15	25	30	40	50	60	70	80	90	100	120	160	180
1.2	22	70		10	15	25	30	40	50	60	70	80	90	100	120	160	180
1.25	25	80		10	15	20	25	30	40	50	55	60	70	80	100	120	29
1.35	28	90		5	10	15	20	30	35	40	45	50	60	70	80	21	29
1.5	31	100		5	10	15	20	25	30	35	40	50	60	70	80	21	29
1.6	34	110		5	10	12	15	20	25	30	35	40	50	60	70	21	29

CHART 3 - REPETITIVE DIVE TIME

PO ₂	0.8	1.0	1.1	1.2	1.25	1.35	1.5	1.6	Group Letter
msw	12	15	18	22	25	28	31	34	
fsw	40	50	60	70	80	90	100	110	
	7	6	6	5	4	4	3	3	A
	303	94	94	55	46	36	27	27	B
	17	13	13	11	9	8	7	7	C
	293	87	87	49	41	32	23	23	D
	25	21	21	17	15	13	11	11	E
	285	79	79	43	35	27	19	19	F
	37	29	29	24	20	18	16	16	G
	273	71	71	36	30	22	14	14	H
	49	38	38	30	26	23	20	20	I
	261	62	62	30	24	17	10	10	J
	61	47	47	36	31	28	24	24	K
	249	53	53	24	19	12	6	6	L
	73	56	56	44	37	32	29	29	M
	237	44	44	16	13	8	1	1	N
	87	66	66	52	43	38	33	33	O
	223	34	34	8	7	2			
	101	76	76	61	50	43	38	38	
	209	24	24						
	116	87	87	70	57	48	43	43	
	194	13	13						
	138	99	99	79	64	54	47	47	
	172	1	1						
	161	111	111	88	72	61	53	53	
	149								
	187	124	124	97	80	68	58	58	
	123								
	213	142	142	107	87	73	64	64	
	97								
	241	160	160	117	96	80	70	70	
	69								

CHART 2 - SURFACE INTERVAL TIME

Group Letter	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
A	12:00 0:10	12:00 3:21	12:00 4:50	12:00 5:49	12:00 6:35	12:00 7:06	12:00 7:36	12:00 8:00	12:00 8:22	12:00 8:51	12:00 8:59	12:00 9:13	12:00 9:29	12:00 9:44	12:00 9:55
B		3:20 0:10	4:49 1:40	5:48 2:39	6:34 3:25	7:05 3:58	7:59 4:26	8:21 4:50	8:50 5:13	8:50 5:41	8:58 5:49	9:12 6:03	9:28 6:19	9:43 6:33	9:54 6:45
C			1:39 0:10	2:38 1:10	3:24 1:58	3:57 2:29	4:25 2:59	4:49 3:21	5:12 3:44	5:40 4:03	5:48 4:20	6:02 4:36	6:18 4:50	6:32 5:04	6:44 5:17
D				1:09 0:10	1:57 0:55	2:28 1:30	2:58 2:00	3:20 2:24	3:43 2:45	4:02 3:05	4:19 3:22	4:35 3:37	4:49 3:53	5:03 4:05	5:16 4:18
E					0:54 0:10	1:29 0:46	1:59 1:16	2:23 1:42	2:44 2:03	3:04 2:21	3:21 2:39	3:36 2:54	3:52 3:09	4:04 3:23	4:17 3:34
F						0:45 0:10	1:15 0:41	1:41 1:07	2:02 1:30	2:20 1:48	2:38 2:04	2:53 2:20	3:08 2:35	3:22 2:48	3:33 3:00
G							0:40 0:10	1:06 0:37	1:29 1:00	1:47 1:20	2:03 1:36	2:19 1:50	2:34 2:06	2:47 2:19	2:59 2:30
H								0:36 0:10	0:59 0:34	1:19 0:55	1:35 1:12	1:49 1:26	2:05 1:36	2:18 1:54	2:29 2:05
I									0:33 0:10	0:54 0:32	1:11 0:50	1:25 1:05	1:35 1:19	1:53 1:31	2:04 1:44
J										0:31 0:10	0:49 0:29	1:04 0:46	1:18 1:00	1:30 1:12	1:43 1:25
K											0:28 0:10	0:45 0:27	0:59 0:43	1:11 0:55	1:24 1:08
L												0:26 0:10	0:42 0:26	0:54 0:40	1:07 0:52
M													0:25 0:10	0:39 0:25	0:51 0:37
N														0:24 0:10	0:36 0:24
O															0:23 0:10

CHART 3 - REPETITIVE DIVE TIME

00 RED NUMBER (TOP) ARE RESIDUAL NITROGEN TIMES (RNT)
 00 BLACK NUMBERS (BOTTOM) ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES. ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER

CHART 2 - SURFACE INTERVAL TIME

TIME RANGES IN HOURS:MINUTES
 ENTER FROM THE TOP, MOVE DOWN TO FIND SURFACE INTERVAL TIME
 MOVE TO LEFT TO FIND THE NEXT REPETITIVE GROUP LETTER