

# NOAA NO-DECOMPRESSION AIR DIVE 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		DIVE TIME REQUIRING DECOMPRESSION											00			
m <sub>sw</sub>	f <sub>sw</sub>	MINUTES REQUIRED AT 10 f <sub>sw</sub> STOP (3m <sub>sw</sub> )											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		
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		
28	90		5	10	12	15	20	25	30		40		50	60		
31	100		5	7	10	15	20	22	25		30					
34	110			5	10	13	15	20	25		30					
37	120			5	10	12	15	20	25		30					
40	130			5	8	10	15	20	25		30					

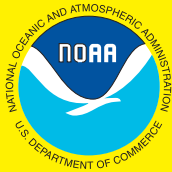
GROUP LETTER		A	B	C	D	E	F	G	H	I	J	K	L	M	N
7	193	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00
6	94	0:10	3:21	4:50	5:49	6:35	7:06	7:36	8:00	8:22	8:51	8:59	9:13	9:29	9:44
5	55		3:20	4:49	5:48	6:34	7:05	7:35	7:59	8:21	8:50	8:58	9:12	9:28	9:43
4	46		0:10	1:40	2:39	3:25	3:58	4:26	4:50	5:13	5:41	5:49	6:03	6:19	6:33
3	27			1:39	2:38	3:24	3:57	4:25	4:49	5:12	5:40	5:48	6:02	6:18	6:32
3	22			0:10	1:10	1:58	2:29	2:59	3:21	3:44	4:03	4:20	4:36	4:50	5:04
3	17				1:09	1:57	2:28	2:58	3:20	3:43	4:02	4:19	4:35	4:49	5:03
3	12				0:10	0:55	1:30	2:00	2:24	2:45	3:05	3:22	3:37	3:53	4:05
3	7					0:54	1:29	1:59	2:23	2:44	3:04	3:21	3:36	3:52	4:04
3	3					0:10	0:46	1:16	1:42	2:03	2:21	2:39	2:54	3:09	3:23
3	3						0:45	1:15	1:41	2:02	2:20	2:38	2:53	3:08	3:22
3	3						0:10	0:41	1:07	1:30	1:48	2:04	2:20	2:35	2:48
3	3							0:40	1:06	1:29	1:47	2:03	2:19	2:34	2:47
3	3							0:10	0:37	1:00	1:20	1:36	1:50	2:06	2:19
3	3								0:36	0:59	1:19	1:35	1:49	2:05	2:18
3	3								0:10	0:34	0:55	1:12	1:26	1:36	1:54
3	3									0:33	0:54	1:11	1:25	1:35	1:53
3	3									0:10	0:32	0:50	1:05	1:19	1:31
3	3										0:31	0:49	1:04	1:18	1:30
3	3										0:10	0:29	0:46	1:00	1:12
3	3											0:28	0:45	0:59	1:11
3	3											0:10	0:27	0:43	0:55
3	3												0:26	0:42	0:54
3	3												0:10	0:26	0:40
3	3													0:25	0:39
3	3													0:10	0:25
3	3														0:24
3	3														0:10

**CHART 3 — REPETITIVE DIVE TIME**

00 TOP NUMBERS (RED) ARE RESIDUAL NITROGEN TIMES, RNT  
 00 BOTTOM NUMBERS (BLACK) ARE ADJUSTED MAXIMUM DIVE TIME FOR A REPETITIVE DIVE WITH NO DECOMPRESSION  
 BLACK AREA: REQUIRES DECOMPRESSION

**CHART 2 — SURFACE INTERVAL TIME**

**TABLE 15.7**  
**NOAA Nitrox 32 No-Decompression Dive Table—Abbreviated**



# NOAA NITROX 32 NO-DECOMPRESSION DIVE TABLE—Abbreviated

USE ONLY WITH 32% OXYGEN 68% NITROGEN MIXTURES

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

PO <sub>2</sub>	START DEPTH		DIVE TIME REQUIRING DECOMPRESSION																MINUTES REQUIRED AT 10 fsw STOP (3msw)	
	msw	fsw	00	15	30	45	60	75	95	120	145	170	205	250	310	344	405	00	00	
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	11		
1.0	18	60		10	15	25	30	40	50	60	70	80	90	100	120	160	180	29		
1.0	22	70		10	15	20	25	30	40	50	55	60	70	80	100					
1.1	25	80		5	10	15	20	30	35	40	45	50	60	70	80					
1.2	28	90		5	10	15	20	25	30	35	40	50	60	70						
1.3	31	100		5	10	12	15	20	25	30	40	50	60							
1.4	34	110		5	10	12	15	20	25	30	40	50	60							
1.5	37	120		5	7	10	15	20	22	25	30	40								
1.6	40	130		5	10	13	15	20	25	30	40									

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

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

PO<sub>2</sub> has been rounded to next highest value

PO <sub>2</sub>	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	GROUP LETTER
msw	12	15	18	22	25	28	31	34	37	40	
fsw	40	50	60	70	80	90	100	110	120	130	
REPETITIVE DIVES SHALLOWER THAN 40 fsw (12 msw) ARE TO USE THE 40 fsw (12 msw) REPETITIVE SCHEDULE	12	7	6	5	4	4	3	3	3	3	← A
	393	193	94	55	46	36	27	27	22	17	← B
	25	17	13	11	9	8	7	7	7	6	← C
	380	183	87	49	41	32	23	23	18	14	← D
	39	25	21	17	15	13	11	11	10	10	← E
	366	175	79	43	35	27	19	19	15	10	← F
	54	37	29	24	20	18	16	16	14	13	← G
	351	163	71	36	30	22	14	14	11	7	← H
	70	49	38	30	26	23	20	20	18	16	← I
	335	151	62	30	24	17	10	10	7	4	← J
	88	61	47	36	31	28	24	24	22	20	← K
	317	139	53	24	19	12	6	6	3		← L
	109	73	56	44	37	32	29	29	26	24	← M
	296	127	44	16	13	8	1	1			← N
	132	87	66	52	43	38	33	33	30	27	← O
	273	113	34	8	7	2					
159	101	76	61	50	43	38	38	34	31		
246	99	24									
190	116	87	70	57	48	43	43	38	34		
215	84	13									
229	138	99	79	64	54	47	47	43	38		
176	62	1									
279	161	111	88	72	61	53	53	48	42		
126	39										
349	187	124	97	80	68	58	58	52	47		
56	13										
	213	142	107	87	73	64	64	57	51		
	241	160	117	96	80	70	70	62	55		

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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
	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	8:22 5:13	8:51 5:41	8:59 5:49	9:13 6:03	9:29 6:19	9:44 6:33	9:55 6:45
		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
			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
				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
					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
						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
							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
								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
									0:31 0:10	0:49 0:32	1:04 0:50	1:18 1:05	1:30 1:12	1:43 1:25
										0:28 0:10	0:45 0:27	0:59 0:43	1:11 0:55	1:24 1:08
											0:26 0:10	0:42 0:26	0:54 0:40	1:07 0:52
												0:25 0:10	0:39 0:25	0:51 0:37
													0:24 0:10	0:36 0:24
														0:23 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

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