



NOAA NO-DECOMPRESSION TABLE MULTIPLE AIR DIVES

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

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

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

THESE CHARTS ARE BASED ON THE U.S. NAVY AIR DECOMPRESSION TABLES 7, 8, & 9 REV. 6

DEPTH		DIVE TIME REQUIRING DECOMPRESSION STOP																00	
		MINUTES REQUIRED AT 20 fsw (6.1 msw)																00	
		NO-STOP TIME																00	
msw	fsw	12.2	13.7	15.2	16.8	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	40	45	50	55	60	65
12.2	40	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180	14	14
13.7	45	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150	2	25
15.2	50	9	15	21	28	34	41	48	56	63	71	80	89	92	100	110	130	4	34
16.8	55	8	14	19	25	31	37	43	50	56	63	71	74	80	90	100			
18.3	60	7	12	17	22	28	33	39	45	51	57	60	65	74	80	90	100		
21.3	70	6	10	14	19	23	28	32	37	42	47	48	55	60	70				
24.4	80	5	9	12	16	20	24	28	32	36	39	45	50	55	60	70			
27.4	90	4	7	11	14	17	21	24	28	30	35	40	45	50	60				
30.5	100	4	6	9	12	15	18	21	25	25	30	35	40	45	50	60			
33.5	110	3	6	8	11	14	16	19	20	25	30	35	40	45	50	60			
36.6	120	3	5	7	10	12	15	18	20	25	30	35	40	45	50	60			
39.6	130	2	4	6	9	10	15	18	20	25	30	35	40	45	50	60			

fsw		40	45	50	55	60	70	80	90	100	110	120	130	GROUP LETTER
msw		12.2	13.7	15.2	16.8	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	
REPETITIVE DIVES SHALLOWER THAN 40 FSW (12.2 MSW) ARE TO USE THE 40 FSW (12.2 MSW) REPETITIVE SCHEDULE	13	12	11	10	9	8	7	6	5	5	5	4	4	◀A
	150	113	81	64	51	40	32	24	20	15	10	6	6	◀B
	21	18	17	15	14	12	10	9	8	8	7	6	6	◀C
	142	107	75	59	46	36	29	21	17	12	8	4	4	◀D
	29	25	23	20	19	16	14	12	11	10	9	9	9	◀E
	134	100	69	54	41	32	25	18	14	10	6	1	1	◀F
	37	32	29	26	24	20	18	16	14	13	12			◀G
	126	93	63	48	36	28	21	14	11	7	3			◀H
	45	40	35	32	29	25	22	19	17	16	14			◀I
	118	85	57	42	31	23	17	11	8	4	1			◀J
	55	48	42	38	35	29	25	22	20	18				◀K
	108	77	50	36	25	19	14	8	5	2				◀L
	64	56	49	44	40	34	29	26	23					◀M
	99	69	43	30	20	14	10	4	2					◀N
	74	64	57	51	46	39	33	29						◀O
	89	61	35	23	14	9	6							◀P
	85	73	65	58	52	44	38							◀Q
	78	52	27	16	8	4	1							◀R
	97	83	73	65	58									◀S
	66	42	19	9	2									◀T
	109	93	81	72										◀U
	54	32	11	2										◀V
	122	104	90											◀W
	41	21	2											◀X
	136	115												◀Y
	27	10												◀Z
	152	11												◀Z

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
2:20 :10	3:36 1:17 :10	4:31 2:12 :10	5:23 3:04 :10	6:15 3:56 :10	7:08 4:49 :10	8:00 5:41 :10	8:52 6:33 :10	9:44 7:25 :10	10:36 8:17 :10	11:29 9:10 :10	12:21 10:02 :10	13:13 10:54 :10	14:05 11:46 :10	14:58 12:38 :10	15:50 13:31 :10
	1:16 :10	2:11 :10	3:03 :10	3:55 :10	4:48 :10	5:40 :10	6:32 :10	7:24 :10	8:16 :10	9:09 :10	10:01 :10	10:53 :10	11:45 :10	12:37 :10	13:30 :10
		55 :10	1:47 :10	2:39 :10	3:31 :10	4:23 :10	5:16 :10	6:08 :10	7:00 :10	7:52 :10	8:44 :10	9:37 :10	10:29 :10	11:21 :10	12:13 :10
			52 :10	1:44 :10	2:37 :10	3:29 :10	4:21 :10	5:13 :10	6:06 :10	6:58 :10	7:50 :10	8:42 :10	9:34 :10	10:27 :10	11:19 :10
				52 :10	1:44 :10	2:37 :10	3:29 :10	4:21 :10	5:13 :10	6:06 :10	6:58 :10	7:50 :10	8:42 :10	9:34 :10	10:27 :10
					52 :10	1:44 :10	2:37 :10	3:29 :10	4:21 :10	5:13 :10	6:06 :10	6:58 :10	7:50 :10	8:42 :10	9:34 :10
						52 :10	1:44 :10	2:37 :10	3:29 :10	4:21 :10	5:13 :10	6:06 :10	6:58 :10	7:50 :10	8:42 :10
							52 :10	1:44 :10	2:37 :10	3:29 :10	4:21 :10	5:13 :10	6:06 :10	6:58 :10	7:50 :10
								52 :10	1:44 :10	2:37 :10	3:29 :10	4:21 :10	5:13 :10	6:06 :10	6:58 :10
									52 :10	1:44 :10	2:37 :10	3:29 :10	4:21 :10	5:13 :10	6:06 :10
										52 :10	1:44 :10	2:37 :10	3:29 :10	4:21 :10	5:13 :10
											52 :10	1:44 :10	2:37 :10	3:29 :10	4:21 :10
												52 :10	1:44 :10	2:37 :10	3:29 :10
													52 :10	1:44 :10	2:37 :10
														52 :10	1:44 :10
															52 :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 Chart 2 from the top,
move down to find surface interval time,
move left to find the next repetitive group letter.