



RAID 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.

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

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

DEPTH	msw		DIVE TIME REQUIRING DECOMPRESSION STOP																00
	msw	fsw	MINUTES REQUIRED AT 20 fsw (6.1 msw)																
12.2	40	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180		
13.7	45	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150		
15.2	50	9	15	21	28	34	41	48	56	63	71	80	89	92	100	110	130		
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	70	80	90			
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	48	50	60				
27.4	90	4	7	11	14	17	21	24	28	30	35	40	44	45					
30.5	100	4	6	9	12	15	18	21	25	28	30	35	40	45					
33.5	110	3	6	8	11	14	16	19	20	25	30	35	40	45					
36.6	120	3	5	7	10	12	15	18	20	25	30	35	40	45					
39.6	130	2	4	6	9	10	15	18	20	25	30	35	40	45					

GROUP LETTER	msw															
	40	45	50	55	60	70	80	90	100	110	120	130	130	130	130	130
A	13	12	11	10	9	8	7	6	5	5	4	4	4	4	4	4
B	21	18	17	15	14	12	10	9	8	8	7	6	6	6	6	6
C	29	25	23	20	19	16	14	12	11	10	9	9	9	9	9	9
D	37	32	29	26	24	20	18	16	14	13	12	12	12	12	12	12
E	45	40	35	32	29	25	22	19	17	16	14	14	14	14	14	14
F	55	48	42	38	35	29	25	22	20	18	18	18	18	18	18	18
G	64	56	49	44	40	34	29	26	23	23	23	23	23	23	23	23
H	74	64	57	51	46	39	33	29	29	29	29	29	29	29	29	29
I	85	73	65	58	52	44	38	38	38	38	38	38	38	38	38	38
J	97	83	73	65	58	58	58	58	58	58	58	58	58	58	58	58
K	109	93	81	72	72	72	72	72	72	72	72	72	72	72	72	72
L	122	104	90	80	80	80	80	80	80	80	80	80	80	80	80	80
M	136	115	100	90	90	90	90	90	90	90	90	90	90	90	90	90
N	152	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
O																
Z																

GROUP LETTER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
A	2:20	3:36	4:31	5:23	6:15	7:08	8:00	8:52	9:44	10:36	11:29	12:21	13:13	14:05	14:58	15:50
B		1:16	2:11	3:03	3:55	4:48	5:40	6:32	7:24	8:16	9:09	10:01	10:53	11:45	12:37	13:31
C			:10	1:47	2:39	3:31	4:23	5:16	6:08	7:00	7:52	8:44	9:37	10:29	11:21	12:13
D				:10	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50	8:42	9:34	10:27	11:19
E					:10	1:45	2:38	3:30	4:22	5:14	6:07	6:59	7:51	8:43	9:35	10:28
F						:10	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50	8:42	9:34
G							:10	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50	8:42
H								:10	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50
I									:10	1:44	2:37	3:29	4:21	5:13	6:06	6:58
J										:10	1:44	2:37	3:29	4:21	5:13	6:06
K											:10	1:44	2:37	3:29	4:21	5:13
L												:10	1:44	2:37	3:29	4:21
M													:10	1:44	2:37	3:29
N														:10	1:44	2:37
O															:10	1:44
P																:10

CHART 3 – REPETITIVE DIVE TIME

00 RED NUMBERS (TOP) ARE RESIDUAL NITROGEN TIMES (RNT) 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.