

NO-DECOMPRESSION LIMITS AND REPETITIVE GROUP DESIGNATION TABLE FOR NO-DECOMPRESSION AIR DIVES

Depth (feet)	No-Decompression limits (min)	Group Designation														
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
10		60	120	210	300											
15		35	70	110	160	225	350									
20		25	50	75	100	135	180	240	325							
25		20	35	55	75	100	125	160	195	245	315					
30		15	30	45	60	75	95	120	145	170	205	250	310			
35	310	5	15	25	40	50	60	80	100	120	140	160	190	220	270	310
40	200	5	15	25	30	40	50	70	80	100	110	130	150	170	200	
50	100		10	15	25	30	40	50	60	70	80	90	100			
60	60		10	15	20	25	30	40	50	55	60					
70	50		5	10	15	20	30	35	40	45	50					
80	40		5	10	15	20	25	30	35	40						
90	30		5	10	12	15	20	25	30							
100	25		5	7	10	15	20	22	25							
110	20			5	10	13	15	20								
120	15			5	10	12	15									
130	10			5	8	10										
140	10			5	7	10										

RESIDUAL NITROGEN TIMETABLE FOR REPETITIVE AIR DIVES

Dives following surface intervals of more than 12 hours are not repetitive dives. Use actual bottom times in the Standard Air Decompression Tables to compute decompression for such dives.

Red denotes no-decompression limits. For the residual nitrogen times listed below, all dives in the area left of the red line will require the use of a Standard Air Decompression Table to compute decompression times and depths.

		REPETITIVE GROUP AT THE BEGINNING OF THE SURFACE INTERVAL															
		Z	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
	A																0:10 12:00*
	B																0:10 2:10 12:00*
	C																0:10 1:40 2:50 12:00*
	D																0:10 1:39 2:49 5:48 12:00*
	E																0:10 1:09 2:38 5:48 12:00*
	F																0:10 0:55 1:58 3:23 6:33 12:00*
	G																0:10 0:54 1:57 3:22 6:32 12:00*
	H																0:10 0:46 1:30 2:29 3:58 7:06 12:00*
	I																0:10 0:45 1:29 2:28 3:57 7:05 12:00*
	J																0:10 0:41 1:16 2:00 2:59 4:26 7:36 12:00*
	K																0:10 0:40 1:15 1:59 2:58 4:25 7:35 12:00*
	L																0:10 0:37 1:07 1:42 2:24 3:21 4:50 8:00 12:00*
	M																0:10 0:36 1:06 1:41 2:23 3:20 4:49 7:59 12:00*
	N																0:10 0:34 1:00 1:30 2:03 2:45 3:44 5:13 8:22 12:00*
	O																0:10 0:33 0:59 1:29 2:02 2:44 3:43 5:12 8:21 12:00*
	Z																0:10 0:31 0:54 1:19 1:47 2:20 3:04 4:02 5:40 8:40 12:00*
	A																0:10 0:29 0:50 1:12 1:36 2:04 2:39 3:22 4:20 5:49 8:59 12:00*
	B																0:10 0:28 0:49 1:11 1:35 2:03 2:38 3:21 4:19 5:48 8:58 12:00*
	C																0:10 0:27 0:46 1:05 1:26 1:50 2:20 2:54 3:37 4:36 6:03 9:13 12:00*
	D																0:10 0:26 0:43 1:00 1:19 1:40 2:06 2:35 3:09 3:53 4:50 6:19 9:29 12:00*
	E																0:10 0:25 0:42 0:59 1:18 1:39 2:05 2:34 3:08 3:52 4:49 6:18 9:28 12:00*
	F																0:10 0:24 0:40 0:55 1:12 1:31 1:54 2:19 2:48 3:23 4:05 5:04 6:33 9:44 12:00*
	G																0:10 0:24 0:39 0:54 1:11 1:30 1:53 2:18 2:47 3:22 4:04 5:03 6:32 9:43 12:00*
	H																0:10 0:23 0:37 0:52 1:08 1:25 1:44 2:05 2:30 3:00 3:34 4:18 5:17 6:45 9:55 12:00*
	I																0:10 0:23 0:36 0:51 1:07 1:24 1:43 2:04 2:29 2:59 3:33 4:17 5:16 6:44 9:54 12:00*
	J																0:10 0:22 0:35 0:49 1:03 1:19 1:37 1:56 2:18 2:43 3:11 3:46 4:30 5:28 6:57 10:06 12:00*
	K																0:10 0:22 0:35 0:48 1:02 1:18 1:36 1:55 2:17 2:42 3:10 3:45 4:29 5:27 6:56 10:05 12:00*

NEW GROUP DESIGNATION → REPETITIVE DIVE DEPTH	Z	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
	40	257	241	213	187	161	138	116	101	87	73	61	49	37	25	17
50	169	160	142	124	111	99	87	76	66	56	47	38	29	21	13	6
60	122	117	107	97	88	79	70	61	52	44	36	30	24	17	11	5
70	100	96	87	80	72	64	57	50	43	37	31	26	20	15	9	4
80	84	80	73	68	61	54	48	43	38	32	28	23	18	13	8	4
90	73	70	64	58	53	47	43	38	33	29	24	20	16	11	7	3
100	64	62	57	52	48	43	38	34	30	26	22	18	14	10	7	3
110	57	55	51	47	42	38	34	31	27	24	20	16	13	10	6	3
120	52	50	46	43	39	35	32	28	25	21	18	15	12	9	6	3
130	46	44	40	38	35	31	28	25	22	19	16	13	11	8	6	3
140	42	40	38	35	32	29	26	23	20	18	15	12	10	7	5	2

U.S. NAVY STANDARD AIR DECOMPRESSION TABLE

DEPTH (FEET)	BOTTOM TIME (MIN)	TIME FIRST STOP (MIN:SEC)	DECOMPRESSION STOPS (FEET)		TOTAL ASCENT (MIN:SEC)	REPETITIVE GROUP
			20	10		
40	200			0	0:40	*
	210	0:30		2	2:40	N
	230	0:30		7	7:40	N
	250	0:30		11	11:10	O
50	100			0	0:50	*
	110	0:40		3	3:50	L
	120	0:40		5	5:50	M
	140	0:40		10	10:50	M
	160	0:40		21	21:50	N
60	60			0	1:00	*
	70	0:50		2	3:00	K
	80	0:50		7	8:00	L
	100	0:50		14	15:00	M
	120	0:50		26	27:00	N
70	50			0	1:10	*
	60	1:00		8	9:10	K
	70	1:00		14	15:10	L
	80	1:00		18	19:10	M
	90	1:00		23	24:10	N
80	40			0	1:20	*
	50	1:10		10	11:20	K
	60	1:10		17	18:20	L
	70	1:10		23	24:20	M
90	30			0	1:30	*
	40	1:20		7	8:30	J
	50	1:20		18	19:30	L
	60	1:20		25	26:30	M
100	25			0	1:40	*
	30	1:30		3	4:40	I
	40	1:30		15	16:40	K
	50	1:20	2	24	27:40	L
110	20			0	1:50	*
	25	1:40		3	4:50	H
	30	1:40		7	8:50	J
	40	1:30	2	21	24:50	L
120	15			0	2:00	*
	20	1:50		2	4:00	H
	25	1:50		6	8:00	I
	30	1:50		14	16:00	J
130	10			0	2:10	*
	15	2:00		1	3:10	F
	20	2:00		4	6:10	H
	25	2:00		10	12:10	J
140	10			0	2:20	*
	15	2:10		2	4:20	G
	20	2:10		6	8:20	I
	25	2:00	2	14	18:20	J