

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 _{sw} | f _{sw} | MINUTES REQUIRED AT 10 f _{sw} STOP (3m _{sw}) | | | | | | | | | | | | | 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 | 40 | 50 | 60 | 70 | | | |
| 28 | 90 | | 5 | 10 | 12 | 15 | 20 | 25 | 30 | 30 | 40 | 50 | 60 | | | | |
| 31 | 100 | | 5 | 7 | 10 | 15 | 20 | 22 | 25 | 30 | 30 | 40 | | | | | |
| 34 | 110 | | | 5 | 10 | 13 | 15 | 20 | 25 | 30 | 30 | 40 | | | | | |
| 37 | 120 | | | 5 | 10 | 12 | 15 | 20 | 25 | 30 | 30 | 40 | | | | | |
| 40 | 130 | | | 5 | 8 | 10 | 15 | 20 | 25 | 30 | 30 | 40 | | | | | |

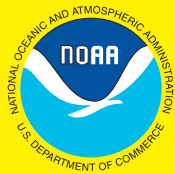
| GROUP LETTER | | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
|--------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 7 | 193 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 12:00 | 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

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 next highest value

| PO ₂ | START DEPTH | | DIVE TIME REQUIRING DECOMPRESSION | | | | | | | | | | | | | MINUTES REQUIRED AT 10 fsw STOP (3msw) | | |
|-----------------|-------------|-----|-----------------------------------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|--|-----|----|
| | msw | fsw | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 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 | | | | | | | |

| PO ₂ | 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 1:19 | 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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