Decompression Table No. 1.

Ordinary time limits in deep water and stoppages to be made during ascent.

Depth.	Time under water, i. e., from surface to beginning of ascent.	Stoppages at different depths (in minutes).									Total time for ascent.
		90 feet.	80 feet.	70 feet.	60 feet.	50 feet.	40 feet.	30 feet.	20 feet.	10 feet.	
Feet.											*Minutes.*
0–36	No limit										0–1
36–42	Up to 3 hours										1–1½
	Over 3 hours									5	6
42–48	Up to 1 hour										1½
	1 to 3 hours									5	6½
	Over 3 hours									10	11½
48–54	Up to ½ hour										2
	½ to 1½ hours									5	7
	1½ to 3 hours									10	12
	Over 3 hours									20	22
54–60	Up to 20 minutes										2
	20 minutes to ½ hour									5	7
	½ to 1½ hours									10	12
	1½ to 3 hours								5	15	22
	Over 3 hours								10	20	32
60–66	Up to 15 minutes										2
	¼ to ½ hour									5	7
	½ to 1 hour								3	10	15
	1 to 2 hours								5	15	22
	2 to 3 hours								10	20	32
66–72	Up to 15 minutes									2	4
	¼ to ½ hour								3	5	10
	½ to 1 hour								5	12	19
	1 to 2 hours								10	20	32
72–78	Up to 20 minutes									5	7
	20 to 45 minutes								5	15	22
	¾ to 1½ hours								10	20	32
78–84	Up to 20 minutes									5	7
	20 to 45 minutes								5	15	22
	¾ to 1½ hours								10	20	32
84–90	Up to 20 minutes								3	5	10
	20 to 40 minutes								5	15	22
	40 to 60 minutes							3	10	15	30
90–96	Up to 20 minutes								3	5	11
	20 to 35 minutes								5	15	22
	35 to 55 minutes							5	10	15	32
96–108	Up to 15 minutes								3	5	11
	15 to 30 minutes							3	7	10	23
	30 to 40 minutes							5	10	15	33
108–120	Up to 15 minutes							2	3	8	15
	15 to 25 minutes							5	5	10	23
	25 to 35 minutes							5	10	15	33
120–132	Up to 15 minutes							2	5	7	17
	15 to 30 minutes							5	10	15	33
132–144	Up to 12 minutes							3	5	5	16
	12 to 25 minutes						2	5	10	12	32
144–156	Up to 10 minutes							3	5	5	16
	10 to 20 minutes					2	3	5	8	10	31
156–168	Up to 10 minutes						2	3	5	5	18
	10 to 16 minutes					2	3	5	7	10	30
168–180	Up to 9 minutes						2	3	5	5	18
	9 to 14 minutes					2	3	5	7	10	30
180–192	Up to 13 minutes					2	3	5	7	10	30
192–204	Up to 12 minutes				2	2	3	5	7	10	32
204–225	Up to 10 minutes		2	2	3	5	7	10	10	15	58
225–250	Up to 10 minutes	2	2	3	5	7	10	10	15	15	73

Decompression Table No. 2.

Stoppages to be made during ascent after exceeding the ordinary limits of time on the bottom.

Depth.	Time from leaving surface to beginning of ascent.	Stoppages at different depths (in minutes).										Total time for ascent.
		100 feet.	90 feet.	80 feet.	70 feet.	60 feet.	50 feet.	40 feet.	30 feet.	20 feet.	10 feet.	
Feet.												*Minutes.*
66	Over 3 hours									10	30	42
72	2 to 3 hours									10	30	42
	Over 3 hours									20	30	52
78	1½ to 2½ hours									20	30	52
	Over 2½ hours									30	30	62
84	1½ to 2 hours									15	30	47
	2 to 3 hours								5	30	30	67
	Over 3 hours								10	30	35	77
90	1 to 1½ hours								5	15	25	47
	1½ to 2½ hours								5	30	30	67
	Over 2½ hours								20	35	35	92
96	55 minutes to 1½ hours								5	15	30	52
	1½ to 2½ hours								10	30	35	77
	Over 2½ hours								30	30	35	102
108	40 minutes to 1 hour								10	15	20	48
	1 to 2 hours							5	15	25	35	83
	Over 2 hours							15	30	35	40	122
120	35 minutes to 1 hour							5	10	15	25	57
	1 to 2 hours							10	20	30	35	97
	Over 2 hours							30	35	35	40	142
132	½ to ¾ hour							5	10	15	20	53
	¾ to 1½ hours						5	10	20	30	30	98
	Over 1½ hours						15	30	35	40	40	163
144	25 minutes to ¾ hour						3	5	10	15	25	61
	¾ to 1½ hours						10	10	20	30	35	108
	Over 1½ hours						30	30	35	40	40	178
156	20 to 35 minutes						3	5	10	20	20	61
	35 minutes to 1 hour						7	10	15	30	30	95
	Over 1 hour					20	25	30	35	40	40	193
168	16 to 30 minutes						3	5	10	15	20	56
	30 minutes to 1 hour					3	10	10	15	30	30	101
	Over 1 hour				5	25	25	30	35	40	40	203
180	14 to 20 minutes						3	3	7	10	15	41
	20 to 30 minutes					2	2	3	10	15	25	60
	30 minutes to 1 hour				3	3	7	10	20	30	35	111
	Over 1 hour				15	25	30	30	35	40	40	218
192	13 to 20 minutes						3	3	7	15	15	46
	20 to 30 minutes					3	3	5	10	15	25	64
	30 minutes to 1 hour				3	5	10	12	20	30	35	118
	Over 1 hour			5	20	25	30	30	35	40	40	228
204	12 to 20 minutes					3	3	5	7	10	20	51
	20 to 30 minutes				3	3	3	5	10	20	30	67
	30 minutes to 1 hour			3	3	5	10	15	20	30	35	124
	Over 1 hour			15	20	25	30	30	35	40	40	238
225	10 to 20 minutes			3	5	7	7	10	15	20	20	95
	20 to 30 minutes		2	3	5	7	10	15	20	25	30	121
	30 minutes to 1 hour		5	5	10	15	15	20	25	30	35	164
	Over 1 hour		10	15	20	25	30	30	35	40	40	249
250	10 to 20 minutes		2	3	5	7	10	10	15	20	30	106
	20 to 30 minutes	2	3	5	7	10	15	15	25	30	30	146
	30 minutes to 1 hour	5	5	10	15	15	20	30	30	35	40	209
	Over 1 hour	10	15	20	25	30	30	35	40	40	40	289

EXTRA PRECAUTIONS AFTER A SECOND DESCENT.

If a diver makes a second descent in deep water with an interval of less than three hours between the two dives, his body will be more highly saturated with nitrogen at the end of the second dive, and extra care will be needed in bringing him to the surface. A safe rule is to take the total combined time of the two dives and use a table for that exposure, at the pressure at which the diver was working. The extra time is, however, only needed for the second half of the stops indicated in the tables.