

START

RECREATIONAL DIVE PLANNER™

DIVING SCIENCE & TECHNOLOGY, CORP. TABLE 2
SURFACE INTERVAL CREDIT TABLE

Oxygen p.p. (ata)	0.78	0.80	0.85	0.90	1.00	1.10	1.19	1.29	1.39	1.48	1.58
DEPTH (feet)	45	50	55	60	70	80	90	100	110	120	130
A	10	9	8	7	6	5	5	4	4	3	3
B	20	17	15	14	11	10	8	7	7	6	6
C	26	23	20	18	15	13	11	10	9	8	7
D	30	28	23	20	17	14	13	11	10	9	8
E	34	29	26	23	19	16	14	12	11	10	9
F	37	32	28	25	21	18	15	14	12	11	10
G	41	36	31	28	23	19	17	15	13	12	11
H	46	39	34	30	25	21	18	16	14	13	12
I	50	43	37	33	27	23	20	17	16	14	13
J	55	47	41	36	29	25	21	19	17	15	14
K	60	51	44	39	32	27	23	20	18	16	15
L	65	55	47	42	34	28	24	22	19	17	16
M	71	59	51	45	36	30	26	23	20	18	17
N	77	64	55	48	39	32	28	24	22	19	18
O	83	69	59	51	41	34	29	26	23	20	20
P	90	74	63	55	44	36	31	27	24	21	21
Q	98	80	67	58	46	38	33	29	25	22	22
R	106	85	72	62	49	41	34	30	26	23	23
S	115	92	77	66	52	43	35	31	27	24	24
T	126	99	82	70	55	45	37	32	28	24	24
U	138	106	87	74	58	46	38	33	29	25	25
V	151	114	93	79	60	48	39	34	30	26	26
W	167	123	99	84	64	51	41	36	32	28	28
X	187	133	106	90	68	53	42	36	32	28	28
Y	213	145	110	90	70	55	43	36	32	28	28
Z	220	155	115	95	75	59	46	38	34	30	30

PRESSURE GROUP

45

NO DECOMPRESSION LIMITS

SAFETY STOP REQUIRED

DEPTH SHOWN FOR CONTINGENCY PLANNING ONLY

IMPERIAL

TABLE 1
NO DECOMPRESSION LIMITS AND GROUP DESIGNATION TABLE

For planning dives with EANx 32 only by certified enriched air divers.



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EANx32 ONLY

Z Y X W V U T S R Q P O N M L K J I H G F E D C B A
DO NOT USE TO PLAN AIR DIVES

CONTINUE ON OTHER SIDE

START	0.78	0.80	0.85	0.90	1.00	1.10	1.19	1.29	1.39	1.48	1.58
A	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
B	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
C	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
D	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
E	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
F	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
G	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
H	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
I	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
J	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
K	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
L	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
M	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
N	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
O	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
P	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Q	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
R	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
S	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
T	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
U	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
V	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
W	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
X	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Y	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Z	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00

START OF SURFACE INTERVAL

EANx 32

PRESSURE GROUP AT END OF SURFACE INTERVAL

O ₂ p.p. (ata)	DEPTH (feet)	Z	Y	X	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
0.76	45	220	213	187	167	151	138	126	115	106	98	90	83	77	71	65	60	55	50	46	41	37	34	30	26	20	10
			7	33	53	69	82	94	105	114	122	130	137	143	149	155	160	165	170	174	179	183	186	190	194	200	210
0.80	50	155	145	133	123	114	106	99	92	85	80	74	69	64	59	55	51	47	43	39	36	32	29	26	23	17	9
			10	22	32	41	49	56	63	70	75	81	86	91	96	100	104	108	112	116	119	123	126	129	132	138	146
0.85	55		110	106	99	93	87	82	77	72	67	63	59	55	51	47	44	41	37	34	31	28	26	23	20	15	8
				4	11	17	23	28	33	38	43	47	51	55	59	63	66	69	73	76	79	82	84	87	90	95	102
0.90	60			90	84	79	74	70	66	62	58	55	51	48	45	42	39	36	33	30	28	25	23	20	18	14	7
					6	11	16	20	24	28	32	35	39	42	45	48	51	54	57	60	62	65	67	70	72	76	83
1.00	70					60	58	55	52	49	46	44	41	39	36	34	32	29	27	25	23	21	19	17	15	11	6
								5	8	11	14	16	19	21	24	26	28	31	33	35	37	39	41	43	45	49	54
1.10	80							45	43	41	38	36	34	32	30	28	27	25	23	21	19	18	16	14	13	10	5
											7	9	11	13	15	17	18	20	22	24	26	27	29	31	32	35	40
1.19	90								35	34	33	31	29	28	26	24	23	21	20	18	17	15	14	13	11	8	5
												4	6	7	9	11	12	14	15	17	18	20	21	22	24	27	30
1.29	100									30	29	27	26	24	23	22	20	19	17	16	15	14	12	11	10	7	4
												3	4	6	7	8	10	11	13	14	15	16	18	19	20	23	26
1.39	110										25	24	23	22	20	19	18	17	16	14	13	12	11	10	9	7	4
														3	5	6	7	8	9	11	12	13	14	15	16	18	21
1.48	120												20	19	18	17	16	15	14	13	12	11	10	9	8	6	3
																3	4	5	6	7	8	9	10	11	12	14	17
1.58	130													18	17	16	15	14	13	12	11	10	9	8	7	6	3
																3	4	5	6	7	8	9	10	11	12	15	

DEPTH SHOWN FOR CONTINGENCY PLANNING ONLY

The Recreational Dive Planner is designed specifically for planning recreational (no decompression) dives. Do not attempt to use it for planning decompression dives.

Safety Stops — A safety stop for 3 minutes at 15ft is required any time the diver comes up to or within 3 pressure groups of a no decompression limit, and for any dive to a depth of 100ft or deeper.

Emergency Decompression — If a no decompression limit is exceeded by no more than 5 minutes, an 8 minute decompression stop at 15ft is mandatory. Upon surfacing, the diver must remain out of the water for at least 6 hours prior to making another dive. If a no decompression limit is exceeded by more than 5 minutes, a 15ft decompression stop of no less than 15 minutes is urged (air supply permitting). Upon surfacing, the diver must remain out of the water for at least 24 hours prior to making another dive.

Flying After Diving Recommendations
For Dives Within the No Decompression Limits
 • Single Dives: A minimum pre-flight surface interval of 12 hours is suggested.
 • Repetitive Dives and/or Multi-day Dives: A minimum pre-flight surface interval of 18 hours is suggested.
For Dives Requiring Decompression Stops
 • A minimum pre-flight surface interval greater than 18 hours is suggested.

Diving at Altitude — Diving at altitude (1000ft or higher) requires the use of special procedures.

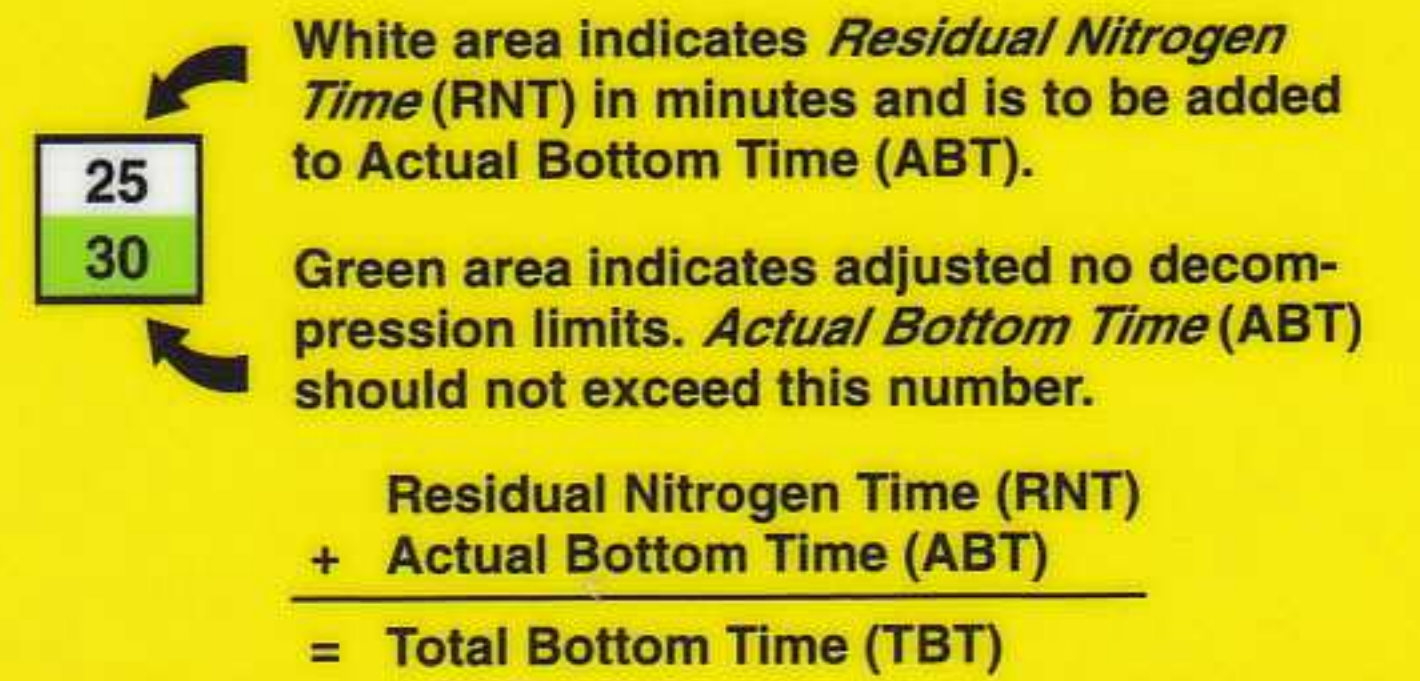
Special Rules for Multiple Dives
 If you are planning 3 or more dives in a day: Beginning with the first dive, if your ending pressure group after any dive is W or X, the minimum surface interval between all subsequent dives is 1 hour. If your ending pressure group after any dive is Y or Z, the minimum surface interval between all subsequent dives is 3 hours.

Note: Since little is presently known about the physiological effects of multiple dives over multiple days, divers are wise to make fewer dives and limit their exposure toward the end of a multi-day dive series.

- General Rules**
- Ascend from all dives at a rate not to exceed 60ft per minute.
 - When planning a dive in cold water or under conditions that might be strenuous, plan the dive assuming the depth is 10ft deeper than actual.
 - Plan repetitive dives so each successive dive is to a shallower depth. Limit repetitive dives to 100ft or shallower.
 - Never exceed the limits of this planner and, whenever possible, avoid diving to the limits of the planner. Depths with O₂ partial pressures greater than 1.4 ata are listed for emergency planning purposes only; do not dive to these depths.

TABLE 3 • REPETITIVE DIVE TIMETABLE

Remember to track your oxygen exposure. Dive time should not exceed the shorter of table limits or oxygen exposure limits.



WARNING
 DO NOT attempt to use these tables unless you are fully trained and certified in the use of enriched air (nitrox), or are under the supervision of a certified enriched air scuba instructor. Proper use of these tables will reduce the risk of decompression sickness and oxygen toxicity, but no table or computer can eliminate those risks.

IMPERIAL

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