

RDP TABLE EANx 36% OXYGEN - METRIC

RECREATIONAL DIVE PLANNER™ DIVING SCIENCE & TECHNOLOGY, CORP.

TABLE 2
SURFACE INTERVAL
CREDIT TABLE

START

Oxygen p.p. (ata)

DEPTH (metres)

PRESSURE GROUP

40

NO DECOMPRESSION LIMITS

SAFETY STOP REQUIRED

DEPTH SHOWN FOR CONTINGENCY PLANNING ONLY

TABLE 1

NO DECOMPRESSION LIMITS AND GROUP DESIGNATION TABLE

For planning dives with EANx 36 only by certified enriched air divers.

DO NOT USE TO PLAN AIR DIVES

CONTINUE ON OTHER SIDE

PRESSURE GROUP AT END OF SURFACE INTERVAL

EAx 36

O₂ p.p. DEPTH
(ata) (metres)

		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
0.94	16	185	171	155	142	130	120	111	102	95	88	82	76	70	65	60	55	51	46	42	38	35	31	28	25	18	10
			14	30	43	55	65	74	83	90	97	103	109	115	120	125	130	134	139	143	147	150	154	157	160	167	175
1.01	18	125	120	112	105	98	92	86	80	75	70	66	61	57	53	49	46	42	39	36	32	29	26	24	21	16	8
			5	13	20	27	33	39	45	50	55	59	64	68	72	76	79	83	86	89	93	96	99	101	104	109	117
1.08	20		95	89	84	80	75	71	66	63	59	55	52	48	45	42	39	36	33	31	28	25	23	21	18	14	7
				6	11	15	20	24	29	32	36	40	43	47	50	53	56	59	62	64	67	70	72	74	77	81	88
1.15	22			70	69	67	64	60	57	54	51	48	45	42	39	37	34	32	29	27	25	22	20	18	16	12	7
							6	10	13	16	19	22	25	28	31	33	36	38	41	43	45	48	50	52	54	58	63
1.22	24				60	58	55	52	50	47	44	42	39	37	35	32	30	28	26	24	22	20	18	16	14	11	6
							5	8	10	13	16	18	21	23	25	28	30	32	34	36	38	40	42	44	46	49	54
1.29	26					50	49	47	44	42	40	37	35	33	31	29	27	25	24	22	20	18	16	15	13	10	5
								3	6	8	10	13	15	17	19	21	23	25	26	28	30	32	34	35	37	40	45
1.36	28							40	39	38	36	34	32	30	28	27	25	23	21	20	18	17	15	14	12	9	5
											4	6	8	10	12	13	15	17	19	20	22	23	25	26	28	31	35
1.44	30								35	34	33	31	29	27	26	24	23	21	20	18	17	15	14	12	11	8	5
												4	6	8	9	11	12	14	15	17	18	20	21	23	24	27	30
1.58	34										28	26	25	23	22	21	19	18	17	16	14	13	12	11	10	7	4
													3	5	6	7	9	10	11	12	14	15	16	17	18	21	24

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 5m 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 30m or deeper.

Emergency Decompression — If a no decompression limit is exceeded by no more than 5 minutes, an 8 minute decompression stop at 5m 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 5m 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 (300m or greater) 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 18m per minute.
- When planning a dive in cold water or under conditions that might be strenuous, plan the dive assuming the depth is 4m deeper than actual.
- Plan repetitive dives so each successive dive is to a shallower depth. Limit repetitive dives to 28m 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.
- Remember to track your oxygen exposure. Dive time should not exceed the shorter of table limits or oxygen exposure limits.

TABLE 3 • REPETITIVE DIVE TIMETABLE

Yellow area indicates Residual Nitrogen Time (RNT) in minutes and is to be added to Actual Bottom Time (ABT).

Green area indicates adjusted no decompression limits. Actual Bottom Time (ABT) should not exceed this number.

Residual Nitrogen Time (RNT)

+ Actual Bottom Time (ABT)

= Total Bottom Time (TBT)



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.

RDP TABLE EANx 32% OXYGEN - METRIC

RECREATIONAL DIVE PLANNER™ DIVING SCIENCE & TECHNOLOGY, CORP.

TABLE 2
SURFACE INTERVAL
CREDIT TABLE

START ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼

Oxygen p.p. (ata) ▶ 0.77 0.83 0.90 0.96 1.02 1.09 1.15 1.28 1.47 1.60

DEPTH (metres) ▶ 14 16 18 20 22 24 26 30 36 40

PRESSURE
GROUP

40

NO DECOMPRESSION
LIMITS

SAFETY STOP
REQUIRED

DEPTH SHOWN
FOR CONTINGENCY
PLANNING ONLY

METRIC

TABLE 1
NO DECOMPRESSION
LIMITS AND GROUP
DESIGNATION TABLE

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



PADI
padi.com

DISTRIBUTED BY
PADI AMERICAS, INC.

A	10	9	8	7	6	5	5	4	3	3											A	0:00	3:00
B	19	16	14	12	11	10	9	8	6	5											B	0:00	0:48
C	26	21	19	16	14	13	12	10	8	7											C	0:00	1:10
D	29	24	21	18	16	15	13	11	9	8											D	0:00	1:19
E	33	27	23	20	18	16	15	13	10	9											E	0:00	1:28
F	36	30	26	23	20	18	16	14	11	10											F	0:00	1:35
G	40	33	28	25	22	20	18	15	12	11											G	0:00	1:42
H	44	37	31	27	24	22	20	16	13	12											H	0:00	1:48
I	49	40	34	29	26	23	21	18	14	13											I	0:00	1:54
J	53	43	37	32	28	25	23	19	15	14											J	0:00	2:00
K	58	47	40	34	30	27	24	21	17	15											K	0:00	2:05
L	63	51	43	37	32	29	26	22	18	16											L	0:00	2:10
M	68	55	46	40	35	31	28	23	19												M	0:00	2:15
N	74	59	49	42	37	33	30	25	20												N	0:00	2:19
O	80	63	53	45	39	35	32	26												O	0:00	2:24	
P	87	68	56	48	42	37	33	28												P	0:00	2:28	
Q	94	73	60	51	44	39	35	29												Q	0:00	2:31	
R	102	78	64	54	47	42	37	30												R	0:00	2:35	
S	110	84	68	57	50	44	39												S	0:00	2:39		
T	120	89	72	61	52	46	40												T	0:00	2:42		
U	130	96	77	64	55	49												U	0:00	2:45			
V	142	102	81	68	58	50												V	0:00	2:48			
W	156	110	86	71	60												W	0:00	2:51				
X	173	118	92	75												X	0:00	2:54					
Y	194	127	95												Y	0:00	2:57						
Z	205	130												Z	0:00	3:00							

EANx32
ONLY

DO NOT USE TO PLAN AIR DIVES

CONTINUE ON OTHER SIDE

EANx 32

PRESSURE GROUP AT END OF SURFACE INTERVAL

O ₂ p.p. (ata)		DEPTH (metres)		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
0.77	14	205	194	173	156	142	130	120	110	102	94	87	80	74	68	63	58	53	49	44	40	36	33	29	26	19	10		
			11	32	49	63	75	85	95	103	111	118	125	131	137	142	147	152	156	161	165	169	172	176	179	186	195		
0.83	16	130	127	118	110	102	96	89	84	78	73	68	63	59	55	51	47	43	40	37	33	30	27	24	21	16	9		
			3	12	20	28	34	41	46	52	57	62	67	71	75	79	83	87	90	93	97	100	103	106	109	114	121		
0.90	18		95	92	86	81	77	72	68	64	60	56	53	49	46	43	40	37	34	31	28	26	23	21	19	14	8		
				3	9	14	18	23	27	31	35	39	42	46	49	52	55	58	61	64	67	69	72	74	76	81	87		
0.96	20			75	71	68	64	61	57	54	51	48	45	42	40	37	34	32	29	27	25	23	20	18	16	12	7		
					4	7	11	14	18	21	24	27	30	33	35	38	41	43	46	48	50	52	55	57	59	63	68		
1.02	22				60	58	55	52	50	47	44	42	39	37	35	32	30	28	26	24	22	20	18	16	14	11	6		
						5	8	10	13	16	18	21	23	25	28	30	32	34	36	38	40	42	44	46	49	54			
1.09	24					50	49	46	44	42	39	37	35	33	31	29	27	25	23	22	20	18	16	15	13	10	5		
							4	6	8	11	13	15	17	19	21	23	25	27	28	30	32	34	35	37	40	45			
1.15	26							40	39	37	35	33	32	30	28	26	24	23	21	20	18	16	15	13	12	9	5		
									3	5	7	8	10	12	14	16	17	19	20	22	24	25	27	28	31	35			
1.28	30									30	29	28	26	25	23	22	21	19	18	16	15	14	13	11	10	8	4		
												4	5	7	8	9	11	12	14	15	16	17	19	20	22	26			
1.47	36													20	19	18	17	15	14	13	12	11	10	9	8	6	3		
																	3	5	6	7	8	9	10	11	12	14	17		
1.60	40															16	15	14	13	12	11	10	9	8	7	5	3		
																			3	4	5	6	7	8	9	11	13		

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 5m 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 30m or deeper.

Emergency Decompression — If a no decompression limit is exceeded by no more than 5 minutes, an 8 minute decompression stop at 5m 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 5m 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 (300m 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 18m per minute.
- When planning a dive in cold water or under conditions that might be strenuous, plan the dive assuming the depth is 4m deeper than actual.
- Plan repetitive dives so each successive dive is to a shallower depth. Limit repetitive dives to 30m 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.
- Remember to track your oxygen exposure. Dive time should not exceed the shorter of table limits or oxygen exposure limits.

TABLE 3 • REPETITIVE DIVE TIMETABLE

White area indicates Residual Nitrogen Time (RNT) in minutes and is to be added to Actual Bottom Time (ABT).

Green area indicates adjusted no decompression limits. Actual Bottom Time (ABT) should not exceed this number.

Residual Nitrogen Time (RNT)

+ Actual Bottom Time (ABT)

= Total Bottom Time (TBT)

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.