

# NO-DECOMPRESSION TABLE

## NOAA NITROX 28

### ONLY FOR 28% O<sub>2</sub>, 72% N<sub>2</sub> MIXTURES

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



NDP 11-2016

**CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER**

START DEPTH	PO <sub>2</sub>		DIVE TIME REQUIRING DECOMPRESSION - Top													00			
	msw	fsw	00	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
12.3	40	14	0.62	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
13.8	45	12	0.66	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180	00
15.3	50	11	0.70	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150	00
16.9	55	9	0.75	15	21	28	34	41	48	56	63	71	80	89	92	100	110	130	00
18.4	60	8	0.79	14	19	25	31	37	43	50	56	63	71	74	80	90	100	00	00
21.4	70	6	0.87	10	14	19	23	28	32	37	42	47	48	55	60	70	00	00	00
24.5	80	6	0.96	10	14	19	23	28	32	37	42	47	48	55	60	70	00	00	00
27.6	90	5	1.04	9	12	16	20	24	28	32	36	39	45	50	60	00	00	00	00
30.6	100	4	1.13	7	11	14	17	21	24	28	30	35	40	45	00	00	00	00	00
33.7	110	4	1.21	6	9	12	15	18	21	25	30	35	40	00	00	00	00	00	00
36.8	120	3	1.30	6	8	11	14	16	19	20	25	30	35	00	00	00	00	00	00
39.8	130	3	1.38	5	7	10	12	15	19	20	25	30	00	00	00	00	00	00	00

**CHART 3 - REPETITIVE DIVE TIME**

PO <sub>2</sub>	REPEAT DIVE TIMES (RNT)													GROUP LETTER
	msw	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	39.8	00	
fsw	40	45	50	55	60	70	80	90	100	110	120	130	138	A
15	13	12	11	10	8	7	6	5	5	5	5	5	5	B
217	150	113	81	64	40	32	24	20	15	10	8	7	6	C
208	142	107	75	59	36	29	21	17	12	8	6	5	4	D
199	134	100	69	54	32	25	18	14	10	6	4	3	2	E
189	126	93	63	48	28	21	14	11	7	3	2	1	1	F
179	118	85	57	42	23	17	11	8	4	1	1	1	1	G
168	108	77	50	36	19	14	8	5	2	2	2	2	2	H
157	99	69	43	30	14	10	4	2	2	2	2	2	2	I
144	89	61	35	23	9	6	1	1	1	1	1	1	1	J
131	78	52	27	16	4	4	1	1	1	1	1	1	1	K
116	66	42	19	9	1	1	1	1	1	1	1	1	1	L
100	54	32	11	2	1	1	1	1	1	1	1	1	1	M
149	122	104	90	72	44	34	29	26	23	20	18	16	14	N
169	136	115	93	71	44	34	29	26	23	20	18	16	14	O
191	152	122	93	71	44	34	29	26	23	20	18	16	14	Z
216	178	144	100	72	44	34	29	26	23	20	18	16	14	
16	11	8	6	4	3	2	1	1	1	1	1	1	1	

REPEAT DIVE TIMES (RNT) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE. REPEAT DIVE TIMES SHOULD NOT EXCEED THIS NUMBER. BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES. RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT).

**CHART 2 - SURFACE INTERVAL TIME**

START DEPTH	PO <sub>2</sub>		DIVE TIME REQUIRING DECOMPRESSION - Bottom													00			
	msw	fsw	00	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
12.3	40	14	0.62	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
13.8	45	12	0.66	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180	00
15.3	50	11	0.70	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150	00
16.9	55	9	0.75	15	21	28	34	41	48	56	63	71	80	89	92	100	110	130	00
18.4	60	8	0.79	14	19	25	31	37	43	50	56	63	71	74	80	90	100	00	00
21.4	70	6	0.87	10	14	19	23	28	32	37	42	47	48	55	60	70	00	00	00
24.5	80	6	0.96	10	14	19	23	28	32	37	42	47	48	55	60	70	00	00	00
27.6	90	5	1.04	9	12	16	20	24	28	32	36	39	45	50	60	00	00	00	00
30.6	100	4	1.13	7	11	14	17	21	24	28	30	35	40	45	00	00	00	00	00
33.7	110	4	1.21	6	9	12	15	18	21	25	30	35	40	00	00	00	00	00	00
36.8	120	3	1.30	6	8	11	14	16	19	20	25	30	35	00	00	00	00	00	00
39.8	130	3	1.38	5	7	10	12	15	19	20	25	30	00	00	00	00	00	00	00

TIME RANGES ARE HOURS:MINUTES. ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME. MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER.



# NO-DECOMPRESSION TABLE

## NOAA NITROX 29

### ONLY FOR 29% O<sub>2</sub>, 71% N<sub>2</sub> MIXTURES

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



NDP 11-2016

PO <sub>2</sub>	START DEPTH		DIVE TIME REQUIRING DECOMPRESSION - Top																00
	msw	fsw	MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom																
0.64	12.3	40	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
0.69	13.8	45	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180	00
0.73	15.3	50	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150	00
0.77	16.9	55	9	15	21	28	34	41	48	56	63	71	80	89	92	100	110	130	00
0.82	18.4	60	8	14	19	25	31	37	43	50	56	63	71	74	80	90	100	00	00
0.91	21.4	70	7	12	17	22	28	33	39	45	51	57	60	65	70	80	90	00	00
0.99	24.5	80	6	10	14	19	23	28	32	37	42	47	48	55	60	70	80	00	00
1.08	27.6	90	5	9	12	16	20	24	28	32	36	39	45	50	60	70	80	00	00
1.17	30.6	100	4	7	11	14	17	21	24	28	30	35	40	45	50	60	70	00	00
1.26	33.7	110	4	6	9	12	15	18	21	25	30	35	40	45	50	60	70	00	00
1.34	36.8	120	3	6	8	11	14	16	19	20	25	30	35	40	45	50	60	00	00
1.43	39.8	130	3	5	7	10	12	15	18	20	25	30	35	40	45	50	60	00	00

PO <sub>2</sub>	0.64	0.69	0.73	0.77	0.82	0.91	0.99	1.08	1.17	1.26	1.34	1.43	GROUP LETTER	
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	39.8	A	
fsw	40	45	50	55	60	70	80	90	100	110	120	130	B	
	15	13	12	11	10	9	8	7	6	5	5	5	C	
	217	150	113	81	64	51	40	32	24	20	15	10	D	
	24	21	18	17	15	14	12	10	9	8	7	6	E	
	208	142	107	75	59	46	36	29	21	17	12	8	F	
	33	29	25	23	20	19	16	14	12	11	10	9	G	
	199	134	100	69	54	41	32	25	18	14	10	6	H	
	43	37	32	29	26	24	20	18	16	14	13	12	I	
	189	126	93	63	48	36	28	21	14	11	7	3	J	
	179	118	85	57	42	31	23	17	11	8	4	1	K	
	64	55	48	42	38	35	29	25	22	20	18	16	L	
	168	108	77	50	36	25	19	14	8	5	2	2	M	
	75	64	56	49	44	40	34	29	26	23	20	18	N	
	157	99	69	43	30	20	14	10	4	2	2	2	O	
	144	89	61	35	23	14	9	6	1	1	1	1	P	
	101	85	73	65	58	52	44	38	31	25	20	15	Q	
	131	78	52	27	16	8	4	1	1	1	1	1	R	
	116	97	83	73	65	58	52	44	38	31	25	20	S	
	116	66	42	19	9	2	2	2	2	2	2	2	T	
	132	109	93	81	72	64	56	49	44	40	34	29	26	U
	149	122	104	90	80	72	64	56	49	44	40	34	29	V
	169	136	115	100	90	83	75	67	60	53	46	39	33	W
	191	152	122	100	85	72	64	56	49	44	40	34	29	X
	216	170	136	115	100	90	83	75	67	60	53	46	39	Y
	16	16	16	16	16	16	16	16	16	16	16	16	16	Z

PO <sub>2</sub>	0.64	0.69	0.73	0.77	0.82	0.91	0.99	1.08	1.17	1.26	1.34	1.43	GROUP LETTER	
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	39.8	A	
fsw	40	45	50	55	60	70	80	90	100	110	120	130	B	
	15	13	12	11	10	9	8	7	6	5	5	5	C	
	217	150	113	81	64	51	40	32	24	20	15	10	D	
	24	21	18	17	15	14	12	10	9	8	7	6	E	
	208	142	107	75	59	46	36	29	21	17	12	8	F	
	33	29	25	23	20	19	16	14	12	11	10	9	G	
	199	134	100	69	54	41	32	25	18	14	10	6	H	
	43	37	32	29	26	24	20	18	16	14	13	12	I	
	189	126	93	63	48	36	28	21	14	11	7	3	J	
	179	118	85	57	42	31	23	17	11	8	4	1	K	
	64	55	48	42	38	35	29	25	22	20	18	16	L	
	168	108	77	50	36	25	19	14	8	5	2	2	M	
	75	64	56	49	44	40	34	29	26	23	20	18	N	
	157	99	69	43	30	20	14	10	4	2	2	2	O	
	144	89	61	35	23	14	9	6	1	1	1	1	P	
	101	85	73	65	58	52	44	38	31	25	20	15	Q	
	131	78	52	27	16	8	4	1	1	1	1	1	R	
	116	97	83	73	65	58	52	44	38	31	25	20	S	
	116	66	42	19	9	2	2	2	2	2	2	2	T	
	132	109	93	81	72	64	56	49	44	40	34	29	26	U
	149	122	104	90	80	72	64	56	49	44	40	34	29	V
	169	136	115	100	90	83	75	67	60	53	46	39	33	W
	191	152	122	100	85	72	64	56	49	44	40	34	29	X
	216	170	136	115	100	90	83	75	67	60	53	46	39	Y
	16	16	16	16	16	16	16	16	16	16	16	16	16	Z

RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT). BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES. ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

CHART 3 - REPETITIVE DIVE TIME

CHART 2 - SURFACE INTERVAL TIME

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER



TIME RANGES ARE HOURS:MINUTES  
 ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME  
 MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

# NO-DECOMPRESSION TABLE

## NOAA NITROX 30

### ONLY FOR 30% O<sub>2</sub>, 70% N<sub>2</sub> MIXTURES

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



NDP 11-2016

PO <sub>2</sub>	START DEPTH		DIVE TIME REQUIRING DECOMPRESSION - Top																				00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	msw	fsw	MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
0.66	12.3	40	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	250	268	286	304	322	340	358	376	394	412	430	448	466	484	502	520	538	556	574	592	610	628	646	664	682	700	718	736	754	772	790	808	826	844	862	880	898	916	934	952	970	988	1006	1024	1042	1060	1078	1096	1114	1132	1150	1168	1186	1204	1222	1240	1258	1276	1294	1312	1330	1348	1366	1384	1402	1420	1438	1456	1474	1492	1510	1528	1546	1564	1582	1600	1618	1636	1654	1672	1690	1708	1726	1744	1762	1780	1798	1816	1834	1852	1870	1888	1906	1924	1942	1960	1978	1996	2014	2032	2050	2068	2086	2104	2122	2140	2158	2176	2194	2212	2230	2248	2266	2284	2302	2320	2338	2356	2374	2392	2410	2428	2446	2464	2482	2500	2518	2536	2554	2572	2590	2608	2626	2644	2662	2680	2698	2716	2734	2752	2770	2788	2806	2824	2842	2860	2878	2896	2914	2932	2950	2968	2986	3004	3022	3040	3058	3076	3094	3112	3130	3148	3166	3184	3202	3220	3238	3256	3274	3292	3310	3328	3346	3364	3382	3400	3418	3436	3454	3472	3490	3508	3526	3544	3562	3580	3598	3616	3634	3652	3670	3688	3706	3724	3742	3760	3778	3796	3814	3832	3850	3868	3886	3904	3922	3940	3958	3976	3994	4012	4030	4048	4066	4084	4102	4120	4138	4156	4174	4192	4210	4228	4246	4264	4282	4300	4318	4336	4354	4372	4390	4408	4426	4444	4462	4480	4498	4516	4534	4552	4570	4588	4606	4624	4642	4660	4678	4696	4714	4732	4750	4768	4786	4804	4822	4840	4858	4876	4894	4912	4930	4948	4966	4984	5002	5020	5038	5056	5074	5092	5110	5128	5146	5164	5182	5200	5218	5236	5254	5272	5290	5308	5326	5344	5362	5380	5398	5416	5434	5452	5470	5488	5506	5524	5542	5560	5578	5596	5614	5632	5650	5668	5686	5704	5722	5740	5758	5776	5794	5812	5830	5848	5866	5884	5902	5920	5938	5956	5974	5992	6010	6028	6046	6064	6082	6100	6118	6136	6154	6172	6190	6208	6226	6244	6262	6280	6298	6316	6334	6352	6370	6388	6406	6424	6442	6460	6478	6496	6514	6532	6550	6568	6586	6604	6622	6640	6658	6676	6694	6712	6730	6748	6766	6784	6802	6820	6838	6856	6874	6892	6910	6928	6946	6964	6982	7000	7018	7036	7054	7072	7090	7108	7126	7144	7162	7180	7198	7216	7234	7252	7270	7288	7306	7324	7342	7360	7378	7396	7414	7432	7450	7468	7486	7504	7522	7540	7558	7576	7594	7612	7630	7648	7666	7684	7702	7720	7738	7756	7774	7792	7810	7828	7846	7864	7882	7900	7918	7936	7954	7972	7990	8008	8026	8044	8062	8080	8098	8116	8134	8152	8170	8188	8206	8224	8242	8260	8278	8296	8314	8332	8350	8368	8386	8404	8422	8440	8458	8476	8494	8512	8530	8548	8566	8584	8602	8620	8638	8656	8674	8692	8710	8728	8746	8764	8782	8800	8818	8836	8854	8872	8890	8908	8926	8944	8962	8980	8998	9016	9034	9052	9070	9088	9106	9124	9142	9160	9178	9196	9214	9232	9250	9268	9286	9304	9322	9340	9358	9376	9394	9412	9430	9448	9466	9484	9502	9520	9538	9556	9574	9592	9610	9628	9646	9664	9682	9700	9718	9736	9754	9772	9790	9808	9826	9844	9862	9880	9898	9916	9934	9952	9970	9988	10006	10024	10042	10060	10078	10096	10114	10132	10150	10168	10186	10204	10222	10240	10258	10276	10294	10312	10330	10348	10366	10384	10402	10420	10438	10456	10474	10492	10510	10528	10546	10564	10582	10600	10618	10636	10654	10672	10690	10708	10726	10744	10762	10780	10798	10816	10834	10852	10870	10888	10906	10924	10942	10960	10978	10996	11014	11032	11050	11068	11086	11104	11122	11140	11158	11176	11194	11212	11230	11248	11266	11284	11302	11320	11338	11356	11374	11392	11410	11428	11446	11464	11482	11500	11518	11536	11554	11572	11590	11608	11626	11644	11662	11680	11698	11716	11734	11752	11770	11788	11806	11824	11842	11860	11878	11896	11914	11932	11950	11968	11986	12004	12022	12040	12058	12076	12094	12112	12130	12148	12166	12184	12202	12220	12238	12256	12274	12292	12310	12328	12346	12364	12382	12400	12418	12436	12454	12472	12490	12508	12526	12544	12562	12580	12598	12616	12634	12652	12670	12688	12706	12724	12742	12760	12778	12796	12814	12832	12850	12868	12886	12904	12922	12940	12958	12976	12994	13012	13030	13048	13066	13084	13102	13120	13138	13156	13174	13192	13210	13228	13246	13264	13282	13300	13318	13336	13354	13372	13390	13408	13426	13444	13462	13480	13498	13516	13534	13552	13570	13588	13606	13624	13642	13660	13678	13696	13714	13732	13750	13768	13786	13804	13822	13840	13858	13876	13894	13912	13930	13948	13966	13984	14002	14020	14038	14056	14074	14092	14110	14128	14146	14164	14182	14200	14218	14236	14254	14272	14290	14308	14326	14344	14362	14380	14398	14416	14434	14452	14470	14488	14506	14524	14542	14560	14578	14596	14614	14632	14650	14668	14686	14704	14722	14740	14758	14776	14794	14812	14830	14848	14866	14884	14902	14920	14938	14956	14974	14992	15010	15028	15046	15064	15082	15100	15118	15136	15154	15172	15190	15208	15226	15244	15262	15280	15298	15316	15334	15352	15370	15388	15406	15424	15442	15460	15478	15496	15514	15532	15550	15568	15586	15604	15622	15640	15658	15676	15694	15712	15730	15748	15766	15784	15802	15820	15838	15856	15874	15892	15910	15928	15946	15964	15982	16000	16018	16036	16054	16072	16090	16108	16126	16144	16162	16180	16198	16216	16234	16252	16270	16288	16306	16324	16342	16360	16378	16396	16414	16432	16450	16468	16486	16504	16522	16540	16558	16576	16594	16612	16630	16648	16666	16684	16702	16720	16738	16756	16774	16792	16810	16828	16846	16864	16882	16900	16918	16936	16954	16972	16990	17008	17026	17044	17062	17080	17098	17116	17134	17152	17170	17188	17206	17224	17242	17260	17278	17296	17314	17332	17350	17368	17386	17404	17422	17440	17458	17476	17494	17512	17530	17548	17566	17584	17602	17620	17638	17656	17674	17692	17710	17728	17746	17764	17782	17800	17818	17836	17854	17872	17890	17908	17926	17944	17962	17980	18000	18018	18036	18054	18072	18090	18108	18126	18144	18162	18180	18198	18216	18234	18252	18270	18288	18306	18324	18342	18360	18378	18396	18414	18432	18450	18468	18486	18504	18522	18540	18558	18576	18594	18612	18630	18648	18666	18684	18702	18720	18738	18756	18774	18792	18810	18828	18846	18864	18882	18900	18918	18936	18954	18972	18990	19008	19026	19044	19062	19080	19098	19116	19134	19152	19170	19188	19206	19224	19242	19260	19278	19296	19314	19332	19350	19368	19386	19404	19422	19440	19458	19476	19494	19512	19530	19548	19566	19584	19602	19620	19638	19656	19674	19692	19710	19728	19746	19764	19782	19800	19818	19836	19854	19872	19890	19908	19926	19944	19962	19980	20000

PO <sub>2</sub>	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N
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# NO-DECOMPRESSION TABLE

## NOAA NITROX 31

### ONLY FOR 31% O<sub>2</sub>, 69% N<sub>2</sub> MIXTURES

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



NDP 11-2016

PO <sub>2</sub>	START DEPTH		DIVE TIME REQUIRING DECOMPRESSION - Top																00
	msw	fsw	MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom																
0.69	12.3	40	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
0.73	13.8	45	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
0.78	15.3	50	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180	14
0.83	16.9	55	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150	14
0.87	18.4	60	9	15	21	28	34	41	48	56	63	71	80	89	92	100	110	125	25
0.97	21.4	70	7	12	17	22	28	33	39	45	51	57	60	65	80	90	100	110	14
1.06	24.5	80	6	10	14	19	23	28	32	37	42	47	48	55	60	80	90	100	14
1.16	27.6	90	5	9	12	16	20	24	28	32	36	39	45	50	60	80	90	100	14
1.25	30.6	100	4	7	11	14	17	21	24	28	32	36	39	45	50	60	80	90	14
1.34	33.7	110	4	6	9	12	15	18	21	25	30	35	40	45	50	60	80	90	14
1.44	36.8	120	3	6	8	11	14	16	19	20	25	30	35	40	45	50	60	80	14
1.53	39.8	130	3	6	8	11	14	16	19	20	25	30	35	40	45	50	60	80	14

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

PO <sub>2</sub>	0.69	0.73	0.78	0.83	0.87	0.97	1.06	1.16	1.25	1.34	1.44	1.53	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	39.8	A
fsw	40	45	50	55	60	70	80	90	100	110	120	130	B
	15	15	13	12	11	9	8	7	6	5	5	5	C
	217	217	150	113	81	51	40	32	24	20	15	15	D
	24	24	21	18	17	14	12	10	9	8	8	8	E
	208	208	142	107	75	46	36	29	21	17	12	12	F
	33	33	29	25	23	19	16	14	12	11	10	10	G
	199	199	134	100	69	41	32	25	18	14	10	10	H
	43	43	37	32	29	24	20	18	16	14	13	13	I
	189	189	126	93	63	36	28	21	14	11	7	7	J
	53	53	45	40	35	29	25	22	19	17	16	16	K
	64	64	55	48	42	35	29	25	22	20	18	18	L
	168	168	108	77	50	25	19	14	8	5	2	2	M
	75	75	64	56	49	40	34	29	26	23	2	2	N
	157	157	99	69	43	20	14	10	4	2	1	1	O
	88	88	74	64	57	46	39	33	29	26	23	23	P
	101	101	85	73	65	52	44	38	33	29	26	26	Q
	131	131	111	97	83	73	58	48	41	36	31	31	R
	116	116	116	97	83	73	58	48	41	36	31	31	S
	132	132	109	93	81	71	61	51	41	31	21	21	T
	149	149	122	104	90	80	70	60	50	40	30	30	U
	169	169	136	115	100	90	80	70	60	50	40	40	V
	191	191	152	127	110	100	90	80	70	60	50	50	W
	41	41	41	41	41	41	41	41	41	41	41	41	X
	216	216	216	216	216	216	216	216	216	216	216	216	Y
	16	16	16	16	16	16	16	16	16	16	16	16	Z

CHART 3 - REPETITIVE DIVE TIME

RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT). BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES. ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

REPETITIVE DIVES SHALLower THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE

CHART 2 - SURFACE INTERVAL TIME

GROUP LETTER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
2:20	3:36	4:31	5:23	6:15	7:08	8:00	8:52	9:44	10:36	11:29	12:21	13:13	14:05	14:58	15:50	
0:10	1:17	2:12	3:04	3:56	4:49	5:41	6:33	7:25	8:17	9:10	10:02	10:54	11:46	12:38	13:31	
0:10	0:56	1:48	2:40	3:32	4:24	5:17	6:09	7:01	7:53	8:45	9:38	10:30	11:22	12:14		
0:10	0:55	1:47	2:39	3:31	4:23	5:16	6:08	7:00	7:52	8:44	9:37	10:29	11:21	12:13		
0:10	0:53	1:45	2:38	3:30	4:22	5:14	6:07	6:59	7:51	8:43	9:35	10:28	11:20			
0:10	0:52	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50	8:42	9:34	10:27	11:19			
0:10	0:51	1:43	2:36	3:28	4:20	5:12	6:05	6:57	7:49	8:41	9:33	10:26	11:18			
0:10	0:50	1:42	2:35	3:27	4:19	5:11	6:04	6:56	7:48	8:40	9:32	10:25	11:17			
0:10	0:49	1:41	2:34	3:26	4:18	5:10	6:03	6:55	7:47	8:39	9:31	10:24	11:16			
0:10	0:48	1:40	2:33	3:25	4:17	5:09	6:02	6:54	7:46	8:38	9:30	10:23	11:15			
0:10	0:47	1:39	2:32	3:24	4:16	5:08	6:01	6:53	7:45	8:37	9:29	10:22	11:14			
0:10	0:46	1:38	2:31	3:23	4:15	5:07	6:00	6:52	7:44	8:36	9:28	10:21	11:13			
0:10	0:45	1:37	2:30	3:22	4:14	5:06	6:00	6:51	7:43	8:35	9:27	10:20	11:12			
0:10	0:44	1:36	2:29	3:21	4:13	5:05	6:00	6:50	7:42	8:34	9:26	10:19	11:11			
0:10	0:43	1:35	2:28	3:20	4:12	5:04	6:00	6:49	7:41	8:33	9:25	10:18	11:10			
0:10	0:42	1:34	2:27	3:19	4:11	5:03	6:00	6:48	7:40	8:32	9:24	10:17	11:09			
0:10	0:41	1:33	2:26	3:18	4:10	5:02	6:00	6:47	7:39	8:31	9:23	10:16	11:08			
0:10	0:40	1:32	2:25	3:17	4:09	5:01	6:00	6:46	7:38	8:30	9:22	10:15	11:07			
0:10	0:39	1:31	2:24	3:16	4:08	5:00	6:00	6:45	7:37	8:29	9:21	10:14	11:06			
0:10	0:38	1:30	2:23	3:15	4:07	5:00	6:00	6:44	7:36	8:28	9:20	10:13	11:05			
0:10	0:37	1:29	2:22	3:14	4:06	5:00	6:00	6:43	7:35	8:27	9:19	10:12	11:04			
0:10	0:36	1:28	2:21	3:13	4:05	5:00	6:00	6:42	7:34	8:26	9:18	10:11	11:03			
0:10	0:35	1:27	2:20	3:12	4:04	5:00	6:00	6:41	7:33	8:25	9:17	10:10	11:02			
0:10	0:34	1:26	2:19	3:11	4:03	5:00	6:00	6:40	7:32	8:24	9:16	10:09	11:01			
0:10	0:33	1:25	2:18	3:10	4:02	5:00	6:00	6:39	7:31	8:23	9:15	10:08	11:00			
0:10	0:32	1:24	2:17	3:09	4:01	5:00	6:00	6:38	7:30	8:22	9:14	10:07	10:59			
0:10	0:31	1:23	2:16	3:08	4:00	5:00	6:00	6:37	7:29	8:21	9:13	10:06	10:58			
0:10	0:30	1:22	2:15	3:07	4:00	5:00	6:00	6:36	7:28	8:20	9:12	10:05	10:57			
0:10	0:29	1:21	2:14	3:06	4:00	5:00	6:00	6:35	7:27	8:19	9:11	10:04	10:56			
0:10	0:28	1:20	2:13	3:05	4:00	5:00	6:00	6:34	7:26	8:18	9:10	10:03	10:55			
0:10	0:27	1:19	2:12	3:04	4:00	5:00	6:00	6:33	7:25	8:17	9:09	10:02	10:54			
0:10	0:26	1:18	2:11	3:03	4:00	5:00	6:00	6:32	7:24	8:16	9:08	10:01	10:53			
0:10	0:25	1:17	2:10	3:02	4:00	5:00	6:00	6:31	7:23	8:15	9:07	10:00	10:52			
0:10	0:24	1:16	2:09	3:01	4:00	5:00	6:00	6:30	7:22	8:14	9:06	9:59	10:51			
0:10	0:23	1:15	2:08	3:00	4:00	5:00	6:00	6:29	7:21	8:13	9:05	9:58	10:50			
0:10	0:22	1:14	2:07	2:59	4:00	5:00	6:00	6:28	7:20	8:12	9:04	9:57	10:49			
0:10	0:21	1:13	2:06	2:58	4:00	5:00	6:00									

# NO-DECOMPRESSION TABLE

## NOAA NITROX 32

### ONLY FOR 32% O<sub>2</sub>, 68% N<sub>2</sub> MIXTURES

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



NDP 11-2016

PO <sub>2</sub>	START DEPTH		MAXIMUM NO-STOP TIME		DIVE TIME REQUIRING DECOMPRESSION - Top		DIVE TIME REQUIRING DECOMPRESSION - Bottom											
	msw	fsw	msw	fsw	msw	fsw	msw	fsw										
0.71	12.3	40	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
0.76	13.8	45	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
0.80	15.3	50	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180
0.85	16.9	55	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150
0.90	18.4	60	9	15	21	28	34	41	48	56	63	71	80	89	92	100	110	110
1.00	21.4	70	7	12	17	22	28	33	39	45	51	57	60	65	80	90	90	90
1.10	24.5	80	6	10	14	19	23	28	32	37	42	47	48	55	60	60	60	60
1.19	27.6	90	5	9	12	16	20	24	28	32	36	39	45	50	50	50	50	50
1.29	30.6	100	4	7	11	14	17	21	24	28	30	35	40	40	40	40	40	40
1.39	33.7	110	4	7	11	14	17	21	24	28	30	35	40	40	40	40	40	40
1.48	36.8	120	4	6	9	12	15	18	21	25	25	30	35	35	35	35	35	35
1.58	39.8	130	3	6	8	11	14	16	19	20	25	30	30	30	30	30	30	30

PO <sub>2</sub>	0.71	0.76	0.80	0.85	0.90	1.00	1.10	1.19	1.29	1.39	1.48	1.58	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	39.8	A
fsw	40	45	50	55	60	70	80	90	100	110	120	130	B
	18	15	13	12	11	9	8	7	6	6	5	5	C
	28	24	21	18	17	14	12	10	9	9	8	8	D
	34	30	28	25	23	19	16	14	12	12	11	10	E
	39	35	32	29	25	23	19	16	14	14	13	12	F
	43	39	36	32	29	24	20	18	16	16	15	14	G
	47	43	40	35	29	25	22	19	17	17	16	15	H
	51	47	44	39	32	28	24	21	19	19	18	17	I
	55	51	48	42	35	29	25	22	20	20	19	18	J
	59	55	52	46	39	33	29	26	23	23	22	21	K
	63	59	56	49	40	34	29	26	23	23	22	21	L
	67	63	60	52	44	38	33	29	26	26	25	24	M
	71	67	64	56	49	40	34	29	26	26	25	24	N
	75	71	68	60	52	44	38	33	29	29	28	27	O
	79	75	72	64	57	46	39	33	29	29	28	27	P
	83	79	76	68	60	52	44	38	33	33	32	31	Q
	87	83	80	72	64	57	46	39	33	33	32	31	R
	91	87	84	76	68	60	52	44	38	38	37	36	S
	95	91	88	80	72	64	57	46	39	39	38	37	T
	99	95	92	84	76	68	60	52	44	44	43	42	U
	103	99	96	88	80	72	64	57	46	46	45	44	V
	107	103	100	92	84	76	68	60	52	52	51	50	W
	111	107	104	96	88	80	72	64	57	57	56	55	X
	115	111	108	100	92	84	76	68	60	60	59	58	Y
	119	115	112	104	96	88	80	72	64	64	63	62	Z

RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT). BLACK NUMBERS ARE ADJUSTED NO-STOP REPEAT DIVE TIMES. ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

CHART 3 - REPTITIVE DIVE TIME

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

GROUP LETTER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
2:20	3:36	4:31	5:23	6:15	7:08	8:00	8:52	9:44	10:36	11:29	12:21	13:13	14:05	14:58	15:50	
0:10	1:17	2:12	3:04	3:56	4:49	5:41	6:33	7:25	8:17	9:10	10:02	10:54	11:46	12:38	13:31	
0:10	0:56	1:48	2:40	3:32	4:24	5:17	6:09	7:01	7:53	8:45	9:38	10:30	11:22	12:14		
0:10	0:55	1:47	2:39	3:31	4:23	5:16	6:08	7:00	7:52	8:44	9:37	10:29	11:21	12:13		
0:10	0:53	1:45	2:38	3:30	4:22	5:14	6:07	6:59	7:51	8:43	9:35	10:28	11:20			
0:10	0:52	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50	8:42	9:34	10:27				
0:10	0:51	1:43	2:36	3:28	4:20	5:12	6:05	6:57	7:49	8:41	9:33	10:26				
0:10	0:50	1:42	2:35	3:27	4:19	5:11	6:04	6:56	7:48	8:40	9:32	10:25				
0:10	0:49	1:41	2:34	3:26	4:18	5:10	6:03	6:55	7:47	8:39	9:31	10:24				
0:10	0:48	1:40	2:33	3:25	4:17	5:09	6:02	6:54	7:46	8:38	9:30	10:23				
0:10	0:47	1:39	2:32	3:24	4:16	5:08	6:01	6:53	7:45	8:37	9:29	10:22				
0:10	0:46	1:38	2:31	3:23	4:15	5:07	6:00	6:52	7:44	8:36	9:28	10:21				
0:10	0:45	1:37	2:30	3:22	4:14	5:06	5:59	6:51	7:43	8:35	9:27	10:20				
0:10	0:44	1:36	2:29	3:21	4:13	5:05	5:58	6:50	7:42	8:34	9:26	10:19				
0:10	0:43	1:35	2:28	3:20	4:12	5:04	5:57	6:49	7:41	8:33	9:25	10:18				
0:10	0:42	1:34	2:27	3:19	4:11	5:03	5:56	6:48	7:40	8:32	9:24	10:17				
0:10	0:41	1:33	2:26	3:18	4:10	5:02	5:55	6:47	7:39	8:31	9:23	10:16				
0:10	0:40	1:32	2:25	3:17	4:09	5:01	5:54	6:46	7:38	8:30	9:22	10:15				
0:10	0:39	1:31	2:24	3:16	4:08	5:00	5:53	6:45	7:37	8:29	9:21	10:14				
0:10	0:38	1:30	2:23	3:15	4:07	4:59	5:52	6:44	7:36	8:28	9:20	10:13				
0:10	0:37	1:29	2:22	3:14	4:06	4:58	5:51	6:43	7:35	8:27	9:19	10:12				
0:10	0:36	1:28	2:21	3:13	4:05	4:57	5:50	6:42	7:34	8:26	9:18	10:11				
0:10	0:35	1:27	2:20	3:12	4:04	4:56	5:49	6:41	7:33	8:25	9:17	10:10				
0:10	0:34	1:26	2:19	3:11	4:03	4:55	5:48	6:40	7:32	8:24	9:16	10:09				
0:10	0:33	1:25	2:18	3:10	4:02	4:54	5:47	6:39	7:31	8:23	9:15	10:08				
0:10	0:32	1:24	2:17	3:09	4:01	4:53	5:46	6:38	7:30	8:22	9:14	10:07				
0:10	0:31	1:23	2:16	3:08	4:00	4:52	5:45	6:37	7:29	8:21	9:13	10:06				
0:10	0:30	1:22	2:15	3:07	3:59	4:51	5:44	6:36	7:28	8:20	9:12	10:05				
0:10	0:29	1:21	2:14	3:06	3:58	4:50	5:43	6:35	7:27	8:19	9:11	10:04				
0:10	0:28	1:20	2:13	3:05	3:57	4:49	5:42	6:34	7:26	8:18	9:10	10:03				
0:10	0:27	1:19	2:12	3:04	3:56	4:48	5:41	6:33	7:25	8:17	9:09	10:02				
0:10	0:26	1:18	2:11	3:03	3:55	4:47	5:40	6:32	7:24	8:16	9:08	10:01				
0:10	0:25	1:17	2:10	3:02	3:54	4:46	5:39	6:31	7:23	8:15	9:07	10:00				
0:10	0:24	1:16	2:09	3:01	3:53	4:45	5:38	6:30	7:22	8:14	9:06	10:00				
0:10	0:23	1:15	2:08	3:00	3:52	4:44	5:37	6:29	7:21	8:13	9:05	10:00				
0:10	0:22	1:14	2:07	2:59	3:51	4:43	5:36	6:28	7:20	8:12	9:04	10:00				
0:10	0:21	1:13	2:06	2:58	3:50	4:42	5:35	6:27	7:19	8:11	9:03	10:00				
0:10	0:20	1:12	2:05	2:57	3:49	4:41	5:34	6:26	7:18	8:10	9:02	10:00				
0:10	0:19	1:11	2:04	2:56	3:48	4:40	5:33	6:25	7:17	8:09	9:01	10:00				
0:10	0:18															

# NO-DECOMPRESSION TABLE

## NOAA NITROX 33

### ONLY FOR 33% O<sub>2</sub>, 67% N<sub>2</sub> MIXTURES

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



PO <sub>2</sub>	0.73	0.76	0.83	0.88	0.93	1.03	1.13	1.23	1.33	1.43	1.53	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	A
fsw	40	45	50	55	60	70	80	90	100	110	120	B
	18	15	13	12	11	10	8	7	7	6	5	C
	353	217	150	113	81	64	40	32	32	24	20	D
	448	284	211	168	127	97	66	52	52	40	33	E
	533	308	242	197	151	115	82	66	66	51	43	F
	595	353	279	225	175	134	100	82	82	66	55	G
	632	399	314	250	195	148	111	91	91	73	62	H
	671	438	347	277	217	165	124	101	101	81	70	I
	712	487	390	315	249	192	146	120	120	98	86	J
	755	538	435	355	284	223	173	144	144	119	106	K
	800	591	483	398	322	257	203	170	170	143	129	L
	847	646	533	444	365	296	238	201	201	171	156	M
	897	703	585	491	408	335	273	233	233	199	183	N
	949	767	643	545	458	381	315	272	272	235	218	O
	1003	838	705	603	512	432	362	316	316	277	259	Z

PO <sub>2</sub>	0.73	0.76	0.83	0.88	0.93	1.03	1.13	1.23	1.33	1.43	1.53	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	A
fsw	40	45	50	55	60	70	80	90	100	110	120	B
	17	14	12	11	10	9	7	6	6	5	4	C
	336	211	147	107	77	63	39	32	32	24	20	D
	416	261	191	144	107	84	51	43	43	33	28	E
	495	311	231	177	134	103	66	56	56	43	37	F
	573	361	271	207	159	122	82	69	69	53	46	G
	651	411	311	237	185	144	101	86	86	66	57	H
	729	471	361	281	223	177	131	111	111	88	78	I
	807	531	411	321	257	207	157	134	134	109	98	J
	885	591	461	361	291	237	183	157	157	129	118	K
	963	651	511	401	327	267	213	177	177	147	135	L
	1041	711	561	441	357	291	233	193	193	161	148	M
	1119	771	611	491	397	327	263	217	217	183	170	N
	1197	831	661	531	423	357	293	243	243	207	193	O
	1275	891	711	571	457	393	327	273	273	235	221	Z

**CHART 3 - REPETITIVE DIVE TIME**  
 RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT).  
 BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES.  
 ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

NDP 11-2016

START DEPTH	PO <sub>2</sub>		MAXIMUM NO-STOP TIME		DIVE TIME REQUIRING DECOMPRESSION - Top		DIVE TIME REQUIRING DECOMPRESSION - Bottom	
	msw	fsw	msw	fsw	msw	fsw	msw	fsw
12.3	0.73	40	27	38	50	62	76	91
13.8	0.78	45	23	32	42	52	63	74
15.3	0.83	50	20	27	36	44	53	63
16.9	0.88	55	17	24	31	39	46	55
18.4	0.93	60	15	21	28	34	41	48
21.4	1.03	70	14	19	25	31	37	43
24.5	1.13	80	10	14	19	23	28	32
27.6	1.23	90	9	12	16	20	24	28
30.6	1.33	100	5	9	12	16	20	24
33.7	1.43	110	4	7	11	14	17	21
36.8	1.53	120	4	6	9	12	15	18

**CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER**

GROUP LETTER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
2:20	3:36	4:31	5:23	6:15	7:08	8:00	8:52	9:44	10:36	11:29	12:21	13:13	14:05	14:58	15:50	
0:10	1:17	2:12	3:04	3:56	4:49	5:41	6:33	7:25	8:17	9:10	10:02	10:54	11:46	12:38	13:31	
0:10	0:56	1:48	2:40	3:32	4:24	5:17	6:09	7:01	7:53	8:45	9:38	10:30	11:22	12:14		
0:10	0:55	1:47	2:39	3:31	4:23	5:16	6:08	7:00	7:52	8:44	9:37	10:29	11:21	12:13		
0:10	0:53	1:45	2:38	3:30	4:22	5:14	6:07	6:59	7:51	8:43	9:35	10:28	11:20			
0:10	0:52	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50	8:42	9:34	10:27	11:19			
0:10	0:51	1:43	2:36	3:28	4:20	5:12	6:05	6:57	7:49	8:41	9:33	10:26	11:18			
0:10	0:50	1:42	2:35	3:27	4:19	5:11	6:04	6:56	7:48	8:40	9:32	10:25	11:17			
0:10	0:49	1:41	2:34	3:26	4:18	5:10	6:03	6:55	7:47	8:39	9:31	10:24	11:16			
0:10	0:48	1:40	2:33	3:25	4:17	5:09	6:02	6:54	7:46	8:38	9:30	10:23	11:15			
0:10	0:47	1:39	2:32	3:24	4:16	5:08	6:01	6:53	7:45	8:37	9:29	10:22	11:14			
0:10	0:46	1:38	2:31	3:23	4:15	5:07	6:00	6:52	7:44	8:36	9:28	10:21	11:13			
0:10	0:45	1:37	2:30	3:22	4:14	5:06	5:59	6:51	7:43	8:35	9:27	10:20	11:12			
0:10	0:44	1:36	2:29	3:21	4:13	5:05	5:58	6:50	7:42	8:34	9:26	10:19	11:11			
0:10	0:43	1:35	2:28	3:20	4:12	5:04	5:57	6:49	7:41	8:33	9:25	10:18	11:10			
0:10	0:42	1:34	2:27	3:19	4:11	5:03	5:56	6:48	7:40	8:32	9:24	10:17	11:09			
0:10	0:41	1:33	2:26	3:18	4:10	5:02	5:55	6:47	7:39	8:31	9:23	10:16	11:08			
0:10	0:40	1:32	2:25	3:17	4:09	5:01	5:54	6:46	7:38	8:30	9:22	10:15	11:07			
0:10	0:39	1:31	2:24	3:16	4:08	5:00	5:53	6:45	7:37	8:29	9:21	10:14	11:06			
0:10	0:38	1:30	2:23	3:15	4:07	4:59	5:52	6:44	7:36	8:28	9:20	10:13	11:05			
0:10	0:37	1:29	2:22	3:14	4:06	4:58	5:51	6:43	7:35	8:27	9:19	10:12	11:04			
0:10	0:36	1:28	2:21	3:13	4:05	4:57	5:50	6:42	7:34	8:26	9:18	10:11	11:03			
0:10	0:35	1:27	2:20	3:12	4:04	4:56	5:49	6:41	7:33	8:25	9:17	10:10	11:02			
0:10	0:34	1:26	2:19	3:11	4:03	4:55	5:48	6:40	7:32	8:24	9:16	10:09	11:01			
0:10	0:33	1:25	2:18	3:10	4:02	4:54	5:47	6:39	7:31	8:23	9:15	10:08	11:00			
0:10	0:32	1:24	2:17	3:09	4:01	4:53	5:46	6:38	7:30	8:22	9:14	10:07	10:59			
0:10	0:31	1:23	2:16	3:08	4:00	4:52	5:45	6:37	7:29	8:21	9:13	10:06	10:58			
0:10	0:30	1:22	2:15	3:07	3:59	4:51	5:44	6:36	7:28	8:20	9:12	10:05	10:57			
0:10	0:29	1:21	2:14	3:06	3:58	4:50	5:43	6:35	7:27	8:19	9:11	10:04	10:56			
0:10	0:28	1:20	2:13	3:05	3:57	4:49	5:42	6:34	7:26	8:18	9:10	10:03	10:55			
0:10	0:27	1:19	2:12	3:04	3:56	4:48	5:41	6:33	7:25	8:17	9:09	10:02	10:54			
0:10	0:26	1:18	2:11	3:03	3:55	4:47	5:40	6:32	7:24	8:16	9:08	10:01	10:53			
0:10	0:25	1:17	2:10	3:02	3:54	4:46	5:39	6:31	7:23	8:15	9:07	10:00	10:52			
0:10	0:24	1:16	2:09	3:01	3:53	4:45	5:38	6:30	7:22	8:14	9:06	9:59	10:51			
0:10	0:23	1:15	2:08	3:00	3:52	4:44	5:37	6:29	7:21	8:13	9:05	9:58	10:50			
0:10	0:22	1:14	2:07	2:59	3:51	4:43	5:36	6:28	7:20	8:12	9:04	9:57	10:49			
0:10	0:21	1:13	2:06	2:58	3:50	4:42	5:35	6:27	7:19	8:11	9:03	9:56	10:48			
0:10	0:20	1:12	2:05	2:57	3:49	4:41	5:34	6:26	7:18	8:10	9:02	9:55	10:47			
0:10	0:19	1:11	2:04	2:56	3:48	4:40	5:33	6:25	7:17	8:09	9:01	9:54	10:46			
0:10	0:18	1:10	2:03													

# NO-DECOMPRESSION TABLE

## NOAA NITROX 34

### ONLY FOR 34% O<sub>2</sub>, 66% N<sub>2</sub> MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DEPRESSION SICKNESS. CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

**RNT** RESIDUAL NITROGEN TIME  
**+ABT** ACTUAL BOTTOM TIME  
**ESDT** EQUIVALENT SINGLE DIVE TIME



PO <sub>2</sub>	0.75	0.80	0.86	0.91	0.96	1.06	1.16	1.27	1.37	1.47	1.58	GROUP LETTER
<b>msw</b>	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	<b>A</b>
<b>fsw</b>	40	45	50	55	60	70	80	90	100	110	120	<b>B</b>
	18	15	13	12	12	10	8	8	7	6	5	<b>C</b>
	353	217	150	113	113	64	40	40	32	24	20	<b>D</b>
	343	208	142	107	107	59	36	36	29	21	17	<b>E</b>
	335	35	29	25	25	20	16	16	14	12	11	<b>F</b>
	332	199	134	100	100	54	32	32	23	18	14	<b>G</b>
	31	45	37	32	32	26	20	20	16	14	11	<b>H</b>
	320	189	126	93	93	48	28	28	21	14	11	<b>I</b>
	308	179	118	85	85	42	23	23	17	11	8	<b>J</b>
	294	168	108	77	77	38	29	29	25	22	20	<b>K</b>
	77	64	55	48	48	38	29	29	25	22	20	<b>L</b>
	92	75	64	56	56	44	34	34	29	26	23	<b>M</b>
	108	88	74	64	64	51	39	39	33	29	26	<b>N</b>
	126	101	85	73	73	58	44	44	38	33	29	<b>O</b>
	146	116	97	83	83	65	4	4	4	1		<b>Z</b>
	225	116	66	42	42	9						
	203	100	54	32	32	2						
	194	149	122	104	104							
	177	83	41	21	21							
	224	169	136	115	115							
	147	63	27	10	10							
	261	191	152									
	308	216	110	41	11							
	63	16										

**CHART 3 - REPETITIVE DIVE TIME**  
 RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT).  
 BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES.  
 ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

88

START DEPTH	PO <sub>2</sub>		MAXIMUM NO-STOP TIME		DIVE TIME REQUIRING DECOMPRESSION - Top		DIVE TIME REQUIRING DECOMPRESSION - Bottom													
	msw	fsw	msw	fsw	msw	fsw	msw	fsw												
0.75	12.3	40	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371		
0.80	13.8	45	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232		
0.86	15.3	50	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180		
0.91	16.9	55	11	17	24	31	39	46	55	63	72	82	92	102	114	125	14	130	150	
0.96	18.4	60	11	17	24	31	39	46	55	63	72	82	92	102	114	125	2	25	130	150
1.06	21.4	70	8	14	19	25	31	37	43	50	56	63	71	74	80	90	100			
1.16	24.5	80	6	10	14	19	23	28	32	37	42	47	48	55	60					
1.27	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55	60					
1.37	30.6	100	5	9	12	16	20	24	28	32	36	39	45	50						
1.47	33.7	110	4	7	11	14	17	21	24	28	30	35	40							
1.58	36.8	120	4	6	9	12	15	18	21	25	30	35	40							

**CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER**

GROUP LETTER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
2:20	3:36	4:31	5:23	6:15	7:08	8:00	8:52	9:44	10:36	11:29	12:21	13:13	14:05	14:58	15:50	
0:10	1:17	2:12	3:04	3:56	4:49	5:41	6:33	7:25	8:17	9:10	10:02	10:54	11:46	12:38	13:31	
0:10	0:56	1:48	2:40	3:32	4:24	5:17	6:09	7:01	7:53	8:45	9:38	10:30	11:22	12:14		
0:10	0:55	1:47	2:39	3:31	4:23	5:16	6:08	7:00	7:52	8:44	9:37	10:29	11:21	12:13		
0:10	0:53	1:45	2:38	3:30	4:22	5:14	6:07	6:59	7:51	8:43	9:35	10:28	11:20			
0:10	0:52	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50	8:42	9:34	10:27	11:19			
0:10	0:51	1:43	2:36	3:28	4:20	5:12	6:05	6:57	7:49	8:41	9:33	10:26	11:18			
0:10	0:50	1:42	2:35	3:27	4:19	5:11	6:04	6:56	7:48	8:40	9:32	10:25	11:17			
0:10	0:49	1:41	2:34	3:26	4:18	5:10	6:03	6:55	7:47	8:39	9:31	10:24	11:16			
0:10	0:48	1:40	2:33	3:25	4:17	5:09	6:02	6:54	7:46	8:38	9:30	10:23	11:15			
0:10	0:47	1:39	2:32	3:24	4:16	5:08	6:01	6:53	7:45	8:37	9:29	10:22	11:14			
0:10	0:46	1:38	2:31	3:23	4:15	5:07	6:00	6:52	7:44	8:36	9:28	10:21	11:13			
0:10	0:45	1:37	2:30	3:22	4:14	5:06	6:00	6:51	7:43	8:35	9:27	10:20	11:12			
0:10	0:44	1:36	2:29	3:21	4:13	5:05	6:00	6:50	7:42	8:34	9:26	10:19	11:11			
0:10	0:43	1:35	2:28	3:20	4:12	5:04	6:00	6:49	7:41	8:33	9:25	10:18	11:10			
0:10	0:42	1:34	2:27	3:19	4:11	5:03	6:00	6:48	7:40	8:32	9:24	10:17	11:09			
0:10	0:41	1:33	2:26	3:18	4:10	5:02	6:00	6:47	7:39	8:31	9:23	10:16	11:08			
0:10	0:40	1:32	2:25	3:17	4:09	5:01	6:00	6:46	7:38	8:30	9:22	10:15	11:07			
0:10	0:39	1:31	2:24	3:16	4:08	5:00	6:00	6:45	7:37	8:29	9:21	10:14	11:06			
0:10	0:38	1:30	2:23	3:15	4:07	5:00	6:00	6:44	7:36	8:28	9:20	10:13	11:05			
0:10	0:37	1:29	2:22	3:14	4:06	5:00	6:00	6:43	7:35	8:27	9:19	10:12	11:04			
0:10	0:36	1:28	2:21	3:13	4:05	5:00	6:00	6:42	7:34	8:26	9:18	10:11	11:03			
0:10	0:35	1:27	2:20	3:12	4:04	5:00	6:00	6:41	7:33	8:25	9:17	10:10	11:02			
0:10	0:34	1:26	2:19	3:11	4:03	5:00	6:00	6:40	7:32	8:24	9:16	10:09	11:01			
0:10	0:33	1:25	2:18	3:10	4:02	5:00	6:00	6:39	7:31	8:23	9:15	10:08	11:00			
0:10	0:32	1:24	2:17	3:09	4:01	5:00	6:00	6:38	7:30	8:22	9:14	10:07	10:59			
0:10	0:31	1:23	2:16	3:08	4:00	5:00	6:00	6:37	7:29	8:21	9:13	10:06	10:58			
0:10	0:30	1:22	2:15	3:07	4:00	5:00	6:00	6:36	7:28	8:20	9:12	10:05	10:57			
0:10	0:29	1:21	2:14	3:06	4:00	5:00	6:00	6:35	7:27	8:19	9:11	10:04	10:56			
0:10	0:28	1:20	2:13	3:05	4:00	5:00	6:00	6:34	7:26	8:18	9:10	10:03	10:55			
0:10	0:27	1:19	2:12	3:04	4:00	5:00	6:00	6:33	7:25	8:17	9:09	10:02	10:54			
0:10	0:26	1:18	2:11	3:03	4:00	5:00	6:00	6:32	7:24	8:16	9:08	10:01	10:53			
0:10	0:25	1:17	2:10	3:02	4:00	5:00	6:00	6:31	7:23	8:15	9:07	10:00	10:52			
0:10	0:24	1:16	2:09	3:01	4:00	5:00	6:00	6:30	7:22	8:14	9:06	9:59	10:51			
0:10	0:23	1:15	2:08	3:00	4:00	5:00	6:00	6:29	7:21	8:13	9:05	9:58	10:50			
0:10	0:22	1:14	2:07	2:59	4:00	5:00	6:00	6:28	7:20	8:12	9:04	9:57	10:49			
0:10	0:21	1:13	2:06	2:58	4:00	5:00	6:00	6:27	7:19	8:11	9:03	9:56	10:48			
0:10	0:20	1:12	2:05	2:57	4:00	5:00	6:00	6:26	7:18	8:10	9:02	9:55	10:47			
0:10	0:19	1:11	2:04	2:56	4:00	5:00	6:00	6:25	7:17	8:09	9:01	9:54	10:46			
0:10	0:18	1:10	2:03	2:55	4:00	5:00	6:00	6:24	7:16	8:08	9:00	9:53	10:45			
0:10	0:17	1:09	2:02	2:54	4:00	5:00	6:00	6:23	7:15	8:07	8:59	9:52	10:44			
0:10	0:16	1:08														

# NO-DECOMPRESSION TABLE

## NOAA NITROX 35

### ONLY FOR 35% O<sub>2</sub>, 65% N<sub>2</sub> MIXTURES

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



PO <sub>2</sub>	START DEPTH		MAXIMUM NO-STOP TIME		DIVE TIME REQUIRING DECOMPRESSION - Top		DIVE TIME REQUIRING DECOMPRESSION - Bottom											
	msw	fsw	msw	fsw	msw	fsw	msw	fsw										
0.77	12.3	40	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
0.83	13.8	45	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
0.88	15.3	50	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180
0.93	16.9	55	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180
0.99	18.4	60	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150
1.09	21.4	70	8	14	19	25	31	37	43	50	56	63	71	74	80	90	100	117
1.20	24.5	80	6	10	14	19	23	28	32	37	42	47	48	55	60	60	60	60
1.30	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55	60	60	60	60
1.41	30.6	100	5	9	12	16	20	24	28	32	36	39	45	50	50	50	50	50
1.52	33.7	110	4	7	11	14	17	21	24	28	30	35	40	40	40	40	40	40

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

PO <sub>2</sub>	0.77	0.83	0.88	0.93	0.99	1.09	1.20	1.30	1.41	1.52	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	A
fsw	40	45	50	55	60	70	80	90	100	110	B
	18	15	13	13	12	10	8	8	7	6	C
	353	217	150	150	113	64	40	40	32	24	D
	348	214	21	21	18	15	12	12	10	9	E
	343	208	142	142	107	59	36	36	29	21	F
	339	193	29	29	25	20	16	14	14	12	G
	332	199	134	134	100	54	32	32	25	18	H
	31	143	37	37	32	26	20	20	16	16	I
	320	189	126	126	93	48	28	28	21	14	J
	308	179	118	118	85	42	23	23	17	11	K
	63	53	45	45	40	32	25	25	22	19	L
	294	168	108	108	77	36	19	19	14	8	M
	77	64	55	55	48	38	29	29	25	22	N
	92	75	64	64	56	44	34	34	29	26	O
	108	88	74	74	64	51	39	39	33	29	P
	126	101	85	85	73	58	44	44	38	31	Q
	245	131	78	78	52	16	4	4	1	1	R
	146	116	97	97	83	65	4	4	1	1	S
	168	132	109	109	93	72	9	9	7	7	T
	203	100	54	54	32	2	2	2	2	2	U
	194	149	122	122	104	104	104	104	104	104	V
	224	169	136	136	115	115	115	115	115	115	W
	261	191	152	152	127	10	10	10	10	10	X
	110	41	11	11	11	11	11	11	11	11	Y
	308	216	63	16							Z

CHART 3 - REPETITIVE DIVE TIME

RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT). BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES. ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

REPETITIVE DIVES SHALLower THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE

TIME RANGES ARE HOURS:MINUTES  
 ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME  
 MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

CHART 2 - SURFACE INTERVAL TIME

GROUP LETTER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
2:20	3:36	4:31	5:23	6:15	7:08	8:00	8:52	9:44	10:36	11:29	12:21	13:13	14:05	14:58	15:50												
0:10	1:17	2:12	3:04	3:56	4:49	5:41	6:33	7:25	8:17	9:10	10:02	10:54	11:46	12:38	13:31												
0:10	0:56	1:48	2:40	3:32	4:24	5:17	6:09	7:01	7:53	8:45	9:38	10:30	11:22	12:14													
0:10	0:55	1:47	2:39	3:31	4:23	5:16	6:08	7:00	7:52	8:44	9:37	10:29	11:21	12:13													
0:10	0:53	1:45	2:38	3:30	4:22	5:14	6:07	6:59	7:51	8:43	9:35	10:28	11:20														
0:10	0:52	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50	8:42	9:34	10:27	11:19														
0:10	0:51	1:43	2:36	3:28	4:20	5:12	6:05	6:57	7:49	8:41	9:33	10:26	11:18														
0:10	0:50	1:42	2:35	3:27	4:19	5:11	6:04	6:56	7:48	8:40	9:32	10:25	11:17														
0:10	0:49	1:41	2:34	3:26	4:18	5:10	6:03	6:55	7:47	8:39	9:31	10:24	11:16														
0:10	0:48	1:40	2:33	3:25	4:17	5:09	6:02	6:54	7:46	8:38	9:30	10:23	11:15														
0:10	0:47	1:39	2:32	3:24	4:16	5:08	6:01	6:53	7:45	8:37	9:29	10:22	11:14														
0:10	0:46	1:38	2:31	3:23	4:15	5:07	6:00	6:52	7:44	8:36	9:28	10:21	11:13														
0:10	0:45	1:37	2:30	3:22	4:14	5:06	6:00	6:51	7:43	8:35	9:27	10:20	11:12														
0:10	0:44	1:36	2:29	3:21	4:13	5:05	6:00	6:50	7:42	8:34	9:26	10:19	11:11														
0:10	0:43	1:35	2:28	3:20	4:12	5:04	6:00	6:49	7:41	8:33	9:25	10:18	11:10														
0:10	0:42	1:34	2:27	3:19	4:11	5:03	6:00	6:48	7:40	8:32	9:24	10:17	11:09														
0:10	0:41	1:33	2:26	3:18	4:10	5:02	6:00	6:47	7:39	8:31	9:23	10:16	11:08														
0:10	0:40	1:32	2:25	3:17	4:09	5:01	6:00	6:46	7:38	8:30	9:22	10:15	11:07														
0:10	0:39	1:31	2:24	3:16	4:08	5:00	6:00	6:45	7:37	8:29	9:21	10:14	11:06														
0:10	0:38	1:30	2:23	3:15	4:07	5:00	6:00	6:44	7:36	8:28	9:20	10:13	11:05														
0:10	0:37	1:29	2:22	3:14	4:06	5:00	6:00	6:43	7:35	8:27	9:19	10:12	11:04														
0:10	0:36	1:28	2:21	3:13	4:05	5:00	6:00	6:42	7:34	8:26	9:18	10:11	11:03														
0:10	0:35	1:27	2:20	3:12	4:04	5:00	6:00	6:41	7:33	8:25	9:17	10:10	11:02														
0:10	0:34	1:26	2:19	3:11	4:03	5:00	6:00	6:40	7:32	8:24	9:16	10:09	11:01														
0:10	0:33	1:25	2:18	3:10	4:02	5:00	6:00	6:39	7:31	8:23	9:15	10:08	11:00														
0:10	0:32	1:24	2:17	3:09	4:01	5:00	6:00	6:38	7:30	8:22	9:14	10:07	11:00														
0:10	0:31	1:23	2:16	3:08	4:00	5:00	6:00	6:37	7:29	8:21	9:13	10:06	11:00														
0:10	0:30	1:22	2:15	3:07	4:00	5:00	6:00	6:36	7:28	8:20	9:12	10:05	11:00														
0:10	0:29	1:21	2:14	3:06	4:00	5:00	6:00	6:35	7:27	8:19	9:11	10:04	11:00														
0:10	0:28	1:20	2:13	3:05	4:00	5:00	6:00	6:34	7:26	8:18	9:10	10:03	11:00														
0:10	0:27	1:19	2:12	3:04	4:00	5:00	6:00	6:33	7:25	8:17	9:09	10:02</															



# NO-DECOMPRESSION TABLE

## NOAA NITROX 36

### ONLY FOR 36% O<sub>2</sub>, 64% N<sub>2</sub> MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DEPRESSION SICKNESS. CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME  
 +ABT ACTUAL BOTTOM TIME  
 ESDT EQUIVALENT SINGLE DIVE TIME



NDP 11-2016

PO <sub>2</sub>	START DEPTH		MAXIMUM NO-STOP TIME		DIVE TIME REQUIRING DECOMPRESSION - Top		DIVE TIME REQUIRING DECOMPRESSION - Bottom											
	m <sub>sw</sub>	f <sub>sw</sub>	00	00	00	00	00	00										
0.80	12.3	40	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
0.85	13.8	45	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
0.91	15.3	50	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
0.96	16.9	55	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180
1.01	18.4	60	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150
1.12	21.4	70	9	15	21	28	34	41	48	56	63	71	80	89	92	100	110	110
1.23	24.5	80	7	12	17	22	28	33	39	45	51	57	60	65	80	90	8	8
1.34	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55	60	14	23	2
1.45	30.6	100	5	9	12	16	20	24	28	32	36	39	45	50	50	17	17	10
1.56	33.7	110	4	7	11	14	17	21	24	28	30	35	40	40	14	14	14	4

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

PO <sub>2</sub>	0.80	0.85	0.91	0.96	1.01	1.12	1.23	1.34	1.45	1.56	GROUP LETTER
m <sub>sw</sub>	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	A
f <sub>sw</sub>	40	45	50	55	60	70	80	90	100	110	B
	18	18	15	13	12	11	9	8	7	6	C
	353	363	217	150	113	81	51	40	32	24	D
	348	348	274	211	148	107	75	46	36	29	E
	339	339	238	174	125	89	58	46	36	29	F
	332	332	199	134	100	69	41	32	25	18	G
	320	320	189	126	93	63	36	28	21	14	H
	308	308	179	118	85	57	31	23	17	11	I
	294	294	168	108	77	50	25	19	14	8	J
	279	279	157	99	69	43	20	14	10	4	K
	263	263	144	89	61	35	14	9	6	1	L
	245	245	131	78	52	27	8	4	1		M
	225	225	116	66	42	19	2				N
	168	168	132	109	93	81					O
	194	194	149	122	104	90					P
	224	224	169	136	115						Q
	261	261	191	152							R
	308	308	216								S
	63	63	16								T

CHART 3 - REPETITIVE DIVE TIME  
 RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT).  
 BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES.  
 ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

PO <sub>2</sub>	0.80	0.85	0.91	0.96	1.01	1.12	1.23	1.34	1.45	1.56	GROUP LETTER
m <sub>sw</sub>	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	A
f <sub>sw</sub>	40	45	50	55	60	70	80	90	100	110	B
	18	18	15	13	12	11	9	8	7	6	C
	353	363	217	150	113	81	51	40	32	24	D
	348	348	274	211	148	107	75	46	36	29	E
	339	339	238	174	125	89	58	46	36	29	F
	332	332	199	134	100	69	41	32	25	18	G
	320	320	189	126	93	63	36	28	21	14	H
	308	308	179	118	85	57	31	23	17	11	I
	294	294	168	108	77	50	25	19	14	8	J
	279	279	157	99	69	43	20	14	10	4	K
	263	263	144	89	61	35	14	9	6	1	L
	245	245	131	78	52	27	8	4	1		M
	225	225	116	66	42	19	2				N
	168	168	132	109	93	81					O
	194	194	149	122	104	90					P
	224	224	169	136	115						Q
	261	261	191	152							R
	308	308	216								S
	63	63	16								T

CHART 2 - SURFACE INTERVAL TIME  
 TIME RANGES ARE HOURS:MINUTES  
 ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME  
 MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER





# NO-DECOMPRESSION TABLE

## NOAA NITROX 38

### ONLY FOR 38% O<sub>2</sub>, 62% N<sub>2</sub> MIXTURES

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



NDP 11-2016

PO <sub>2</sub>	START DEPTH		MAXIMUM NO-STOP TIME		DIVE TIME REQUIRING DECOMPRESSION - Top		00												
	msw	fsw	00	00	00	00													
0.84	12.3	40	20	33	47	62	78	97	117	140	166	198	236	285	354	469	595	00	
0.90	13.8	45	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371	00
0.96	15.3	50	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
1.01	16.9	55	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180	14
1.07	18.4	60	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180	14
1.19	21.4	70	9	15	21	28	34	41	48	56	63	71	80	89	92	100	110	110	8
1.30	24.5	80	7	12	17	22	28	33	39	45	51	57	60	65	80	90	100	110	8
1.42	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55	60	9	14	17	17
1.53	30.6	100	5	9	12	16	20	24	28	32	36	39	45	50	50	10	17	17	17

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

PO <sub>2</sub>	0.84	0.90	0.96	1.01	1.07	1.19	1.30	1.42	1.53	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	
fsw	40	45	50	55	60	70	80	90	100	
	21	18	15	13	13	11	9	8	7	<b>A</b>
	574	363	217	150	150	81	51	40	32	<b>B</b>
	34	28	24	21	21	17	14	12	10	<b>B</b>
	561	348	208	142	142	75	46	36	29	<b>C</b>
	46	39	35	29	29	23	19	16	14	<b>C</b>
	547	332	199	134	134	69	41	32	25	<b>D</b>
	63	51	45	37	37	29	24	20	18	<b>D</b>
	552	320	189	126	126	63	36	28	21	<b>E</b>
	79	63	53	45	45	35	29	25	22	<b>E</b>
	497	294	168	108	108	50	25	19	14	<b>F</b>
	98	77	64	55	55	42	35	29	25	<b>F</b>
	477	279	157	99	99	49	20	14	10	<b>G</b>
	118	92	75	64	64	49	34	29	25	<b>G</b>
	141	108	88	74	74	57	46	39	33	<b>H</b>
	454	263	144	89	89	35	14	9	6	<b>H</b>
	167	126	101	85	85	65	52	44	38	<b>I</b>
	428	245	131	78	78	27	8	4	1	<b>I</b>
	198	146	116	97	97	73	58	4	1	<b>J</b>
	397	225	116	66	66	19	2			<b>J</b>
	237	168	132	109	109	81				<b>K</b>
	358	203	100	54	54	11				<b>K</b>
	309	177	83	41	41	2				<b>L</b>
	241	147	63	27	27					<b>L</b>
	470	261	191	152	152					<b>M</b>
	125	110	41	11	11					<b>N</b>
	308	216	63	16						<b>O</b>
	63	16								<b>Z</b>

CHART 3 - REPETITIVE DIVE TIME

RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT). BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES. ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

REPETITIVE DIVES SHALLower THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE

PO <sub>2</sub>	0.84	0.90	0.96	1.01	1.07	1.19	1.30	1.42	1.53	GROUP LETTER								
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6									
fsw	40	45	50	55	60	70	80	90	100									
	2:20	3:36	4:31	5:23	6:15	7:08	8:00	8:52	9:44	10:36	11:29	12:21	13:13	14:05	14:58	15:50	0:10	<b>A</b>
	1:17	2:12	3:04	3:56	4:49	5:41	6:33	7:25	8:17	9:10	10:02	10:54	11:46	12:38	13:31	14:23	0:10	<b>B</b>
	1:16	2:11	3:03	3:55	4:48	5:40	6:32	7:24	8:16	9:09	10:01	10:53	11:45	12:37	13:30	14:22	0:10	<b>B</b>
	0:10	0:56	1:48	2:40	3:32	4:24	5:17	6:09	7:01	7:53	8:45	9:38	10:30	11:22	12:14	13:06	0:10	<b>C</b>
	0:10	0:55	1:47	2:39	3:31	4:23	5:16	6:08	7:00	7:52	8:44	9:37	10:29	11:21	12:13	13:05	0:10	<b>C</b>
	0:10	0:53	1:45	2:38	3:30	4:22	5:14	6:07	6:59	7:51	8:43	9:35	10:28	11:20	12:12	13:04	0:10	<b>D</b>
	0:10	0:52	1:44	2:37	3:29	4:21	5:13	6:06	6:58	7:50	8:42	9:34	10:27	11:19	12:11	13:03	0:10	<b>D</b>
	0:10	0:51	1:43	2:36	3:28	4:20	5:12	6:05	6:57	7:49	8:41	9:33	10:26	11:18	12:10	13:02	0:10	<b>E</b>
	0:10	0:50	1:42	2:35	3:27	4:19	5:11	6:04	6:56	7:48	8:40	9:32	10:25	11:17	12:09	13:01	0:10	<b>E</b>
	0:10	0:49	1:41	2:34	3:26	4:18	5:10	6:03	6:55	7:47	8:39	9:31	10:24	11:16	12:08	13:00	0:10	<b>F</b>
	0:10	0:48	1:40	2:33	3:25	4:17	5:09	6:02	6:54	7:46	8:38	9:30	10:23	11:15	12:07	13:00	0:10	<b>F</b>
	0:10	0:47	1:39	2:32	3:24	4:16	5:08	6:01	6:53	7:45	8:37	9:29	10:22	11:14	12:06	13:00	0:10	<b>G</b>
	0:10	0:46	1:38	2:31	3:23	4:15	5:07	6:00	6:52	7:44	8:36	9:28	10:21	11:13	12:05	13:00	0:10	<b>G</b>
	0:10	0:45	1:37	2:30	3:22	4:14	5:06	6:00	6:51	7:43	8:35	9:27	10:20	11:12	12:04	13:00	0:10	<b>H</b>
	0:10	0:44	1:36	2:29	3:21	4:13	5:05	6:00	6:50	7:42	8:34	9:26	10:19	11:11	12:03	13:00	0:10	<b>H</b>
	0:10	0:43	1:35	2:28	3:20	4:12	5:04	6:00	6:49	7:41	8:33	9:25	10:18	11:10	12:02	13:00	0:10	<b>I</b>
	0:10	0:42	1:34	2:27	3:19	4:11	5:03	6:00	6:48	7:40	8:32	9:24	10:17	11:09	12:01	13:00	0:10	<b>I</b>
	0:10	0:41	1:33	2:26	3:18	4:10	5:02	6:00	6:47	7:39	8:31	9:23	10:16	11:08	12:00	13:00	0:10	<b>J</b>
	0:10	0:40	1:32	2:25	3:17	4:09	5:01	6:00	6:46	7:38	8:30	9:22	10:15	11:07	12:00	13:00	0:10	<b>J</b>
	0:10	0:39	1:31	2:24	3:16	4:08	5:00	6:00	6:45	7:37	8:29	9:21	10:14	11:06	12:00	13:00	0:10	<b>K</b>
	0:10	0:38	1:30	2:23	3:15	4:07	5:00	6:00	6:44	7:36	8:28	9:20	10:13	11:05	12:00	13:00	0:10	<b>K</b>
	0:10	0:37	1:29	2:22	3:14	4:06	5:00	6:00	6:43	7:35	8:27	9:19	10:12	11:04	12:00	13:00	0:10	<b>L</b>
	0:10	0:36	1:28	2:21	3:13	4:05	5:00	6:00	6:42	7:34	8:26	9:18	10:11	11:03	12:00	13:00	0:10	<b>L</b>
	0:10	0:35	1:27	2:20	3:12	4:04	5:00	6:00	6:41	7:33	8:25	9:17	10:10	11:02	12:00	13:00	0:10	<b>M</b>
	0:10	0:34	1:26	2:19	3:11	4:03	5:00	6:00	6:40	7:32	8:24	9:16	10:09	11:01	12:00	13:00	0:10	<b>M</b>
	0:10	0:33	1:25	2:18	3:10	4:02	5:00	6:00	6:39	7:31	8:23	9:15	10:08	11:00	12:00	13:00	0:10	<b>N</b>
	0:10	0:32	1:24	2:17	3:09	4:01	5:00	6:00	6:38	7:30	8:22	9:14	10:07	11:00	12:00	13:00	0:10	<b>N</b>
	0:10	0:31	1:23	2:16	3:08	4:00	5:00	6:00	6:37	7:29	8:21	9:13	10:06	11:00	12:00	13:00	0:10	<b>O</b>
	0:10	0:30	1:22	2:15	3:07	4:00	5:00	6:00	6:36	7:28	8:20	9:12	10:05	11:00	12:00	13:00	0:10	<b>O</b>
	0:10	0:29	1:21	2:14	3:06	4:00	5:00	6:00	6:35	7:27	8:19	9:11	10:04	11:00	12:00	13:00	0:10	<b>Z</b>

CHART 2 - SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES  
 ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL  
 MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER



# NO-DECOMPRESSION TABLE

## NOAA NITROX 39

### ONLY FOR 39% O<sub>2</sub>, 61% N<sub>2</sub> MIXTURES

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



NDP 11-2016

EXCEEDS NOAA 1.40 PO2 LIMIT EXCEEDS MAX PO2 SINGLE EXPOSURE LIMIT

PO <sub>2</sub>	START DEPTH		MAXIMUM NO-STOP TIME	DIVE TIME REQUIRING DECOMPRESSION - Top		00													
	m <sub>sw</sub>	f <sub>sw</sub>		MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom	Bottom														
0.86	12.3	40	20	33	47	62	78	97	117	140	166	198	236	285	354	469	595	00	
0.92	13.8	45	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371	00
0.98	15.3	50	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
1.04	16.9	55	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	00
1.10	18.4	60	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180	14
1.22	21.4	70	9	15	21	28	34	41	48	56	63	71	80	89	92	100	110	110	8
1.34	24.5	80	8	14	19	25	31	37	43	50	56	63	71	74	80	90	100	100	4
1.45	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55	60	60	60	10	17
1.57	30.6	100	6	10	14	19	23	28	32	37	42	47	48	55	60	60	60	10	17

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

PO <sub>2</sub>	0.86	0.92	0.98	1.04	1.10	1.22	1.34	1.45	1.57	GROUP LETTER
m <sub>sw</sub>	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	A
f <sub>sw</sub>	40	45	50	55	60	70	80	90	100	B
RNT	21	18	15	15	13	11	10	8	8	C
ABT	574	353	217	217	150	81	64	40	40	D
ESDT	561	343	208	208	142	75	59	36	36	E
RNT	446	339	338	338	253	23	20	16	16	F
ABT	947	332	199	199	134	69	54	32	32	G
ESDT	63	51	45	45	37	29	26	20	20	H
RNT	532	320	189	189	126	63	48	28	28	I
ABT	719	63	53	53	45	35	32	25	25	J
ESDT	516	308	179	179	118	57	42	23	23	K
RNT	98	77	64	64	55	42	38	29	29	L
ABT	497	294	168	168	108	50	36	19	19	M
ESDT	118	92	75	75	64	49	44	34	34	N
RNT	141	108	88	88	74	57	51	39	39	O
ABT	454	263	144	144	89	35	23	9	9	P
ESDT	167	126	101	101	85	65	58	44	44	Q
RNT	428	245	131	131	78	27	16	4	4	R
ABT	198	146	116	116	97	73	65	4	4	S
ESDT	397	225	116	116	66	19	9			T
RNT	358	203	100	100	54	11	2			U
ABT	309	177	83	83	41	2				V
ESDT	241	147	63	63	27					W
RNT	470	261	191	191	152					X
ABT	125	110	41	41	11					Y
ESDT	308	216	216	216	16					Z
RNT	63	16	16	16						

CHART 3 - REPETITIVE DIVE TIME  
 RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT).  
 BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES.  
 ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

PO <sub>2</sub>	0.86	0.92	0.98	1.04	1.10	1.22	1.34	1.45	1.57	TIME RANGES ARE HOURS:MINUTES
m <sub>sw</sub>	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME
f <sub>sw</sub>	40	45	50	55	60	70	80	90	100	MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER
RNT	21	18	15	15	13	11	10	8	8	
ABT	574	353	217	217	150	81	64	40	40	
ESDT	561	343	208	208	142	75	59	36	36	
RNT	446	339	338	338	253	23	20	16	16	
ABT	947	332	199	199	134	69	54	32	32	
ESDT	63	51	45	45	37	29	26	20	20	
RNT	532	320	189	189	126	63	48	28	28	
ABT	719	63	53	53	45	35	32	25	25	
ESDT	516	308	179	179	118	57	42	23	23	
RNT	98	77	64	64	55	42	38	29	29	
ABT	497	294	168	168	108	50	36	19	19	
ESDT	118	92	75	75	64	49	44	34	34	
RNT	141	108	88	88	74	57	51	39	39	
ABT	454	263	144	144	89	35	23	9	9	
ESDT	167	126	101	101	85	65	58	44	44	
RNT	428	245	131	131	78	27	16	4	4	
ABT	198	146	116	116	97	73	65	4	4	
ESDT	397	225	116	116	66	19	9			
RNT	358	203	100	100	54	11	2			
ABT	309	177	83	83	41	2				
ESDT	241	147	63	63	27					
RNT	470	261	191	191	152					
ABT	125	110	41	41	11					
ESDT	308	216	216	216	16					
RNT	63	16	16	16						



# NO-DECOMPRESSION TABLE

## NOAA NITROX 40

### ONLY FOR 40% O<sub>2</sub>, 60% N<sub>2</sub> MIXTURES

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



NDP 11-2016

EXCEEDS NOAA 1.40 PO<sub>2</sub> LIMIT  
 EXCEEDS MAX PO<sub>2</sub> SINGLE EXPOSURE LIMIT

PO <sub>2</sub>	START DEPTH		MAXIMUM NO-STOP TIME		DIVE TIME REQUIRING DECOMPRESSION - Top		00											
	msw	fsw	00	00	00	00												
0.88	12.3	40	20	33	47	62	78	97	117	140	166	198	236	285	354	469	595	
0.95	13.8	45	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
1.01	15.3	50	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
1.07	16.9	55	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
1.13	18.4	60	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180
1.25	21.4	70	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130	150
1.37	24.5	80	8	14	19	25	31	37	43	50	56	63	71	74	80	90	10	25
1.49	27.6	90	7	12	17	22	28	33	39	45	51	57	60	65	80	90	14	23

CHART 1 - DIVE TIMES WITH END-OF-DIVE GROUP LETTER

PO <sub>2</sub>	0.88	0.95	1.01	1.07	1.13	1.25	1.37	1.49	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	A
fsw	40	45	50	55	60	70	80	90	B
	21	18	15	13	12	10	9		C
	574	353	353	217	150	113	64	51	D
	74	73	72	71	71	15	15	14	E
	561	343	323	208	142	107	59	46	F
	446	339	335	239	155	100	54	41	G
	547	332	332	189	134	100	54	41	H
	63	51	51	43	37	32	26	24	I
	532	320	320	189	126	93	48	36	J
	516	308	308	179	118	85	42	31	K
	497	294	294	168	108	77	36	25	L
	487	279	279	157	99	69	30	20	M
	477	279	279	157	99	69	30	20	N
	464	263	263	144	89	61	23	14	O
	454	253	253	131	78	52	16	8	P
	442	245	245	131	78	52	16	8	Q
	428	245	245	131	78	52	16	8	R
	397	225	225	116	66	42	9	2	S
	377	168	168	132	109	93	72		T
	358	203	203	100	54	32	2		U
	309	177	177	83	41	21			V
	354	224	224	169	136	115			W
	470	261	261	191	152				X
	125	110	110	41	11				Y
	63	63	63	16					Z

CHART 3 - REPETITIVE DIVE TIME  
 RED NUMBERS ARE RESIDUAL NITROGEN TIMES (RNT).  
 BLACK NUMBERS ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES.  
 ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER.

PO <sub>2</sub>	0.88	0.95	1.01	1.07	1.13	1.25	1.37	1.49	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	A
fsw	40	45	50	55	60	70	80	90	B
	21	18	15	13	12	10	9		C
	574	353	353	217	150	113	64	51	D
	74	73	72	71	71	15	15	14	E
	561	343	323	208	142	107	59	46	F
	446	339	335	239	155	100	54	41	G
	547	332	332	189	134	100	54	41	H
	63	51	51	43	37	32	26	24	I
	532	320	320	189	126	93	48	36	J
	516	308	308	179	118	85	42	31	K
	497	294	294	168	108	77	36	25	L
	487	279	279	157	99	69	30	20	M
	477	279	279	157	99	69	30	20	N
	464	263	263	144	89	61	23	14	O
	454	253	253	131	78	52	16	8	P
	442	245	245	131	78	52	16	8	Q
	428	245	245	131	78	52	16	8	R
	397	225	225	116	66	42	9	2	S
	377	168	168	132	109	93	72		T
	358	203	203	100	54	32	2		U
	309	177	177	83	41	21			V
	354	224	224	169	136	115			W
	470	261	261	191	152				X
	125	110	110	41	11				Y
	63	63	63	16					Z



CHART 2 - SURFACE INTERVAL TIME  
 TIME RANGES ARE HOURS:MINUTES  
 ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME  
 MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

PO <sub>2</sub>	0.88	0.95	1.01	1.07	1.13	1.25	1.37	1.49	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	A
fsw	40	45	50	55	60	70	80	90	B
	21	18	15	13	12	10	9		C
	574	353	353	217	150	113	64	51	D
	74	73	72	71	71	15	15	14	E
	561	343	323	208	142	107	59	46	F
	446	339	335	239	155	100	54	41	G
	547	332	332	189	134	100	54	41	H
	63	51	51	43	37	32	26	24	I
	532	320	320	189	126	93	48	36	J
	516	308	308	179	118	85	42	31	K
	497	294	294	168	108	77	36	25	L
	487	279	279	157	99	69	30	20	M
	477	279	279	157	99	69	30	20	N
	464	263	263	144	89	61	23	14	O
	454	253	253	131	78	52	16	8	P
	442	245	245	131	78	52	16	8	Q
	428	245	245	131	78	52	16	8	R
	397	225	225	116	66	42	9	2	S
	377	168	168	132	109	93	72		T
	358	203	203	100	54	32	2		U
	309	177	177	83	41	21			V
	354	224	224	169	136	115			W
	470	261	261	191	152				X
	125	110	110	41	11				Y
	63	63	63	16					Z