



Mole Valley Sub Aqua Club

Equivalent Air Depths and Maximum Operating Depths

Depth (Metres)

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	MOD	1.4	1.6
21	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0	50.0	21	56.7	66.2
22	9.7	10.7	11.7	12.7	13.7	14.7	15.7	16.7	17.6	18.6	19.6	20.6	21.6	22.6	23.6	24.6	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5	33.4	34.4	35.4	36.4	37.4	38.4	39.4	40.4	41.3	42.3	43.3	44.3	45.3	46.3	47.3	48.3	49.2	22	53.6	62.7
23	9.5	10.5	11.4	12.4	13.4	14.4	15.3	16.3	17.3	18.3	19.2	20.2	21.2	22.2	23.1	24.1	25.1	26.1	27.0	28.0	29.0	30.0	30.9	31.9	32.9	33.9	34.8	35.8	36.8	37.8	38.7	39.7	40.7	41.7	42.6	43.6	44.6	45.6	46.5	47.5	48.5	23	50.9	59.6
24	9.2	10.2	11.2	12.1	13.1	14.1	15.0	16.0	16.9	17.9	18.9	19.8	20.8	21.7	22.7	23.7	24.6	25.6	26.6	27.5	28.5	29.4	30.4	31.4	32.3	33.3	34.3	35.2	36.2	37.1	38.1	39.1	40.0	41.0	41.9	42.9	43.9	44.8	45.8	46.8	47.7	24	48.3	56.7
25	9.0	9.9	10.9	11.8	12.8	13.7	14.7	15.6	16.6	17.5	18.5	19.4	20.4	21.3	22.3	23.2	24.2	25.1	26.1	27.0	28.0	28.9	29.9	30.8	31.8	32.7	33.7	34.6	35.6	36.5	37.5	38.4	39.4	40.3	41.3	42.2	43.2	44.1	45.1	46.0	47.0	25	46.0	54.0
26	8.7	9.7	10.6	11.5	12.5	13.4	14.4	15.3	16.2	17.2	18.1	19.0	20.0	20.9	21.8	22.8	23.7	24.7	25.6	26.5	27.5	28.4	29.3	30.3	31.2	32.2	33.1	34.0	35.0	35.9	36.8	37.8	38.7	39.6	40.6	41.5	42.5	43.4	44.3	45.3	46.2	26	43.8	51.5
27	8.5	9.4	10.3	11.3	12.2	13.1	14.0	14.9	15.9	16.8	17.7	18.6	19.6	20.5	21.4	22.3	23.3	24.2	25.1	26.0	27.0	27.9	28.8	29.7	30.7	31.6	32.5	33.4	34.4	35.3	36.2	37.1	38.1	39.0	39.9	40.8	41.7	42.7	43.6	44.5	27	41.9	49.3	
28	8.2	9.1	10.1	11.0	11.9	12.8	13.7	14.6	15.5	16.4	17.3	18.3	19.2	20.1	21.0	21.9	22.8	23.7	24.6	25.5	26.5	27.4	28.3	29.2	30.1	31.0	31.9	32.8	33.7	34.7	35.6	36.5	37.4	38.3	39.2	40.1	41.0	41.9	28	40.0	47.1			
29	8.0	8.9	9.8	10.7	11.6	12.5	13.4	14.3	15.2	16.1	17.0	17.9	18.8	19.7	20.6	21.5	22.4	23.3	24.2	25.1	25.9	26.8	27.7	28.6	29.5	30.4	31.3	32.2	33.1	34.0	34.9	35.8	36.7	37.6	38.5	39.4	29	38.3	45.2					
30	7.7	8.6	9.5	10.4	11.3	12.2	13.0	13.9	14.8	15.7	16.6	17.5	18.4	19.2	20.1	21.0	21.9	22.8	23.7	24.6	25.4	26.3	27.2	28.1	29.0	29.9	30.8	31.6	32.5	33.4	34.3	35.2	36.1	37.0	30	36.7	43.3							
31	7.5	8.3	9.2	10.1	11.0	11.8	12.7	13.6	14.5	15.3	16.2	17.1	17.9	18.8	19.7	20.6	21.4	22.3	23.2	24.1	24.9	25.8	26.7	27.6	28.4	29.3	30.2	31.1	31.9	32.8	33.7	34.5	31	35.2	41.6									
32	7.2	8.1	8.9	9.8	10.7	11.5	12.4	13.2	14.1	15.0	15.8	16.7	17.5	18.4	19.3	20.1	21.0	21.8	22.7	23.6	24.4	25.3	26.2	27.0	27.9	28.7	29.6	30.5	31.3	32.2	33.0	32	33.8	40.0										
33	7.0	7.8	8.7	9.5	10.4	11.2	12.1	12.9	13.7	14.6	15.4	16.3	17.1	18.0	18.8	19.7	20.5	21.4	22.2	23.1	23.9	24.8	25.6	26.5	27.3	28.2	29.0	29.9	30.7	33	32.4	38.5												
34	6.7	7.5	8.4	9.2	10.1	10.9	11.7	12.6	13.4	14.2	15.1	15.9	16.7	17.6	18.4	19.2	20.1	20.9	21.7	22.6	23.4	24.3	25.1	25.9	26.8	27.6	28.4	29.3	34	31.2	37.1													
35	6.5	7.3	8.1	8.9	9.7	10.6	11.4	12.2	13.0	13.9	14.7	15.5	16.3	17.2	18.0	18.8	19.6	20.4	21.3	22.1	22.9	23.7	24.6	25.4	26.2	27.0	35	30.0	35.7															
36	6.2	7.0	7.8	8.6	9.4	10.3	11.1	11.9	12.7	13.5	14.3	15.1	15.9	16.7	17.5	18.4	19.2	20.0	20.8	21.6	22.4	23.2	24.0	24.8	25.6	36	28.9	34.4																
37	5.9	6.7	7.5	8.3	9.1	9.9	10.7	11.5	12.3	13.1	13.9	14.7	15.5	16.3	17.1	17.9	18.7	19.5	20.3	21.1	21.9	22.7	23.5	24.3	37	27.8	33.2																	
38	5.7	6.5	7.3	8.1	8.8	9.6	10.4	11.2	12.0	12.8	13.5	14.3	15.1	15.9	16.7	17.5	18.3	19.0	19.8	20.6	21.4	22.2	23.0	38	26.8	32.1																		
39	5.4	6.2	7.0	7.8	8.5	9.3	10.1	10.8	11.6	12.4	13.2	13.9	14.7	15.5	16.3	17.0	17.8	18.6	19.3	20.1	20.9	21.7	39	25.9	31.0																			
40	5.2	5.9	6.7	7.5	8.2	9.0	9.7	10.5	11.3	12.0	12.8	13.5	14.3	15.1	15.8	16.6	17.3	18.1	18.9	19.6	20.4	40	25.0	30.0																				
41	4.9	5.7	6.4	7.2	7.9	8.7	9.4	10.2	10.9	11.7	12.4	13.2	13.9	14.6	15.4	16.1	16.9	17.6	18.4	19.1	41	24.1	29.0																					
42	4.7	5.4	6.2	6.9	7.6	8.4	9.1	9.8	10.6	11.3	12.0	12.8	13.5	14.2	15.0	15.7	16.4	17.2	17.9	42	23.3	28.1																						
43	4.4	5.2	5.9	6.6	7.3	8.0	8.8	9.5	10.2	10.9	11.6	12.4	13.1	13.8	14.5	15.3	16.0	16.7	43	22.6	27.2																							
44	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.6	11.3	12.0	12.7	13.4	14.1	14.8	15.5	44	21.8	26.4																								
45	3.9	4.6	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	45	21.1	25.6																									
46	3.7	4.4	5.0	5.7	6.4	7.1	7.8	8.5	9.1	9.8	10.5	11.2	11.9	12.6	13.2	46	20.4	24.8																										
47	3.4	4.1	4.8	5.4	6.1	6.8	7.4	8.1	8.8	9.5	10.1	10.8	11.5	12.1	12.8	47	19.8	24.0																										
48	3.2	3.8	4.5	5.1	5.8	6.5	7.1	7.8	8.4	9.1	9.7	10.4	11.1	11.7	48	19.2	23.3																											
49	2.9	3.6	4.2	4.8	5.5	6.1	6.8	7.4	8.1	8.7	9.4	10.0	10.7	49	18.6	22.7																												
50	2.7	3.3	3.9	4.6	5.2	5.8	6.5	7.1	7.7	8.4	9.0	9.6	10.3	50	18.0	22.0																												

$$EAD = \frac{(FN2) * (D+10)}{0.79} - 10$$

$$MOD = \left(\left(\frac{1.4}{FO2} \right) * 10 \right) - 10$$

These tables are only to be used by a suitably qualified Nitrox diver