

ata	depth 30ft/in	time in minutes	SAC = 0.80	volume consumed every 20 seconds every 10 feet
1.303	10	0.333	1.042	0.347
1.606	20	0.333	1.285	0.428
1.909	30	0.333	1.527	0.509
2.212	40	0.333	1.770	0.590
2.515	50	0.333	2.012	0.671
2.818	60	0.333	2.255	0.752
3.121	70	0.333	2.497	0.832
3.424	80	0.333	2.739	0.913
3.727	90	0.333	2.982	0.994
4.030	100	0.333	3.224	1.075
4.333	110	0.333	3.467	1.156
4.636	120	0.333	3.709	1.236
4.939	130	0.333	3.952	1.317

<b>4.329</b>	<b>RMV</b>	10.820 = amount of gas to get to bottom after 4.333 minutes
		26.341 = amount of gas used for 6 minutes 40 seconds at depth
		9.353 = amount of gas used to ascend to 15ft
		4.457 = amount of gas used at 15ft during
		50.971 = used for the dive which matches the V-Planner number pretty close

**BOOLEAN**

A3 = B3/33+1
B3 = inputed
C3 = inputed
D3 = A3*0.80
E3 = D3/3
E16 = SUM(E3:E15)
E17 = E15*3*6.666
E18 = 1.24+E13+E12+E11+E10+E9+E8+E7+E6+E5+E4+0.194
E19 = 4.457
E20 = SUM(E16:E19)

**we can use these numbers to answer some questions**

10.820 = amount of gas to get to bottom/surface at 30ft/min – THIS IS THE ROCK BOTTOM

**10.82cuft / .0258 = 419psi** required to get to surface -- **ROCK BOTTOM PSI**

- 0.347
- 0.428
- 0.509
- 0.590
- 0.671
- 0.752
- 0.832
- 0.913
- 0.994
- 1.075
- 1.156
- 1.236
- 1.317
- 10.82**