

Teacher Training
Life Support Team - Data Tracking Table - Water

Table Headings	Coordinated Universal Time	Total Atmospheric Pressure	Content	Partial Pressure	Change	Rate of Change	Time to Criticality*
Units	HH:MM	mmHg	%	mmHg	mmHg	mmHg per minute	minutes
Column	A	B	C	D	E	F	G
Calculations	From Data	From Data	From Data	$D = B \times C/100$	$E = \text{Current D} - \text{Previous D}$	$F = E/20$	$G = \text{Abs Value of Critical Value} - D$ F
	15:00	758.0000	1.218	9.2324	n/a	n/a	n/a
	15:20	752.5000	1.151	8.6613			
	15:40	747.5000	1.043	7.7964			
	16:00	742.5000	0.861	6.3929			
	16:20	735.0000	0.573	4.2116			
	16:40	729.0000	0.419	3.0545			
	17:00	725.0000	0.421	3.0523			
	17:20	727.5000	0.572	4.1613			
	17:40	730.0000	1.023	7.4679			
	18:00	738.0000	1.183	8.7305			
	18:20	740.1000	1.169	8.6518			
	18:40	746.0000	1.075	8.0195			
	19:00	749.0000	1.019	7.6323			

If H2O is below 5.26 ppmHg and the Rate of Change is negative then Time to Criticality does not apply

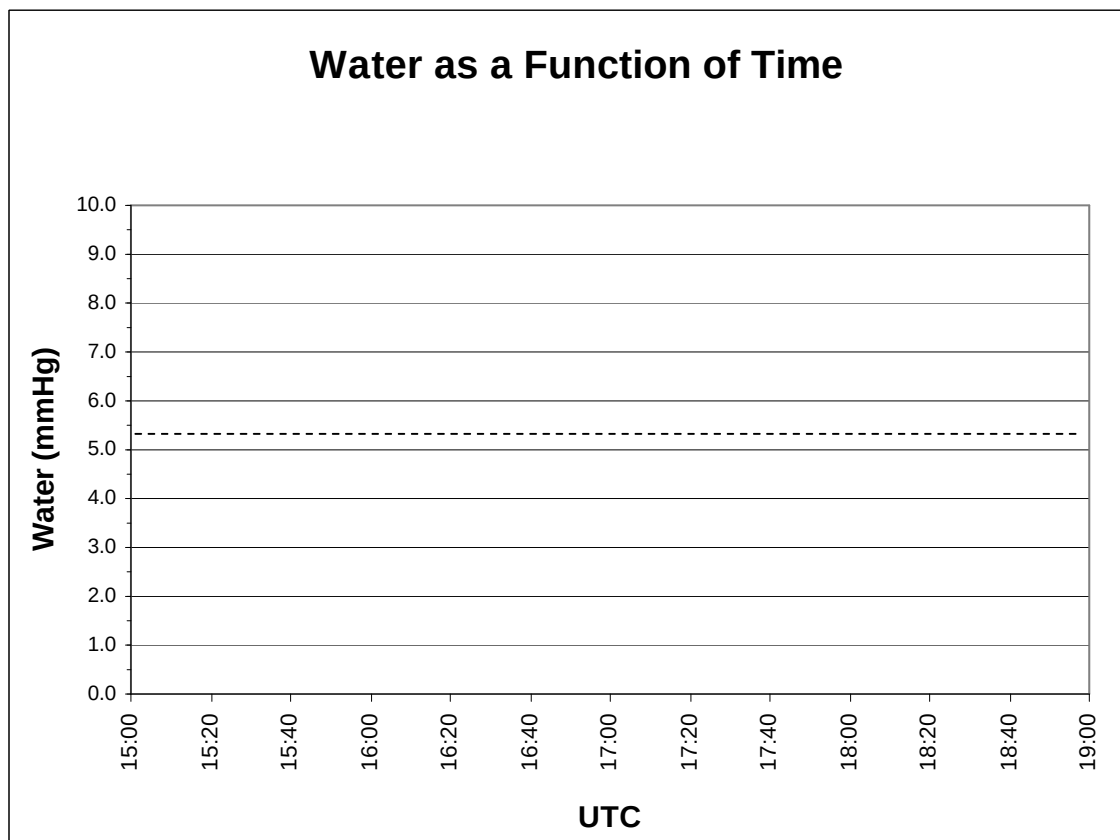


Table Headings	Coordinated Universal Time	Total Atmospheric Pressure	Content	Partial Pressure	Change	Rate of Change	Time to Criticality*
Units	HH:MM	mmHg	%	mmHg	mmHg	mmHg per minute	minutes
Column	A	B	C	D	E	F	G
Calculations	From Data	From Data	From Data	$D = B \times C/100$	$E = \text{Current D} - \text{Previous D}$	$F = E/20$	$G = \text{Abs Value of Critical Value} - D$ F
	15:00	758.0000	1.218	9.2324	n/a	n/a	n/a
	15:20	752.5000	1.151	8.6613	-0.5712	-0.0286	119.0996
	15:40	747.5000	1.043	7.7964	-0.8649	-0.0432	58.6558
	16:00	742.5000	0.861	6.3929	-1.4035	-0.0702	16.1443
	16:20	735.0000	0.573	4.2116	-2.1814	-0.1091	-9.6127
	16:40	729.0000	0.419	3.0545	-1.1570	-0.0579	-38.1230
	17:00	725.0000	0.421	3.0523	-0.0023	-0.0001	-19537.6106
	17:20	727.5000	0.572	4.1613	1.1091	0.0555	19.8134
	17:40	730.0000	1.023	7.4679	3.3066	0.1653	-13.3545
	18:00	738.0000	1.183	8.7305	1.2626	0.0631	-54.9728
	18:20	740.1000	1.169	8.6518	-0.0788	-0.0039	861.1720
	18:40	746.0000	1.075	8.0195	-0.6323	-0.0316	87.2888
	19:00	749.0000	1.019	7.6323	-0.3872	-0.0194	122.5398

If H2O is below 5.26 ppmHg and the Rate of Change is negative then Time to Criticality does not apply.

