



# Life Support Team Data Tracking Table



## For the Mission

Circle One:

Oxygen (O<sup>2</sup>)

Carbon Dioxide (CO<sup>2</sup>)

Column	A	B	C (Graph this column)	D	E	F
Table Headings	Time of Day	Content of O <sup>2</sup> or CO <sup>2</sup>	Pressure of O <sup>2</sup> or CO <sup>2</sup>	Change in O <sup>2</sup> or CO <sup>2</sup>	Rate	Trend
Units	24-hour Clock	Percent (%)	mmHg	mmHg	mmHg per hour	
Calculations	From Data	From Data	C = 760 x B/100	D = Current C - Previous C	E = D/0.33	Look at the graph and check one
<b>For the Mission</b>	15:00	0.37	2.81	n/a	n/a	n/a
	15:20	0.45	3.42	0.61	1.85	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	15:40	0.58	4.41	0.99	3.00	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	16:00	0.80	6.08	1.67	5.06	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	16:20	1.05	7.98	1.90	5.76	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	16:40	1.19	9.04	1.06	3.21	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	17:00	1.62	12.31	3.27	9.91	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	17:20	1.80	13.68	1.37	4.15	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	17:40	0.95	7.22	-6.46	-19.58	<input type="checkbox"/> Increasing <input checked="" type="checkbox"/> Decreasing
	18:00	0.74	5.62	-1.60	-4.85	<input type="checkbox"/> Increasing <input checked="" type="checkbox"/> Decreasing
	18:20	0.37	2.81	-1.07	-3.24	<input type="checkbox"/> Increasing <input checked="" type="checkbox"/> Decreasing

Note: Round all calculations to two decimal places. Critical Value for O<sup>2</sup> is 155mmHg. Critical Value for CO<sup>2</sup> is 7.6 mmHg.



# Life Support Team Data Tracking Table



## For the Mission

Circle One:

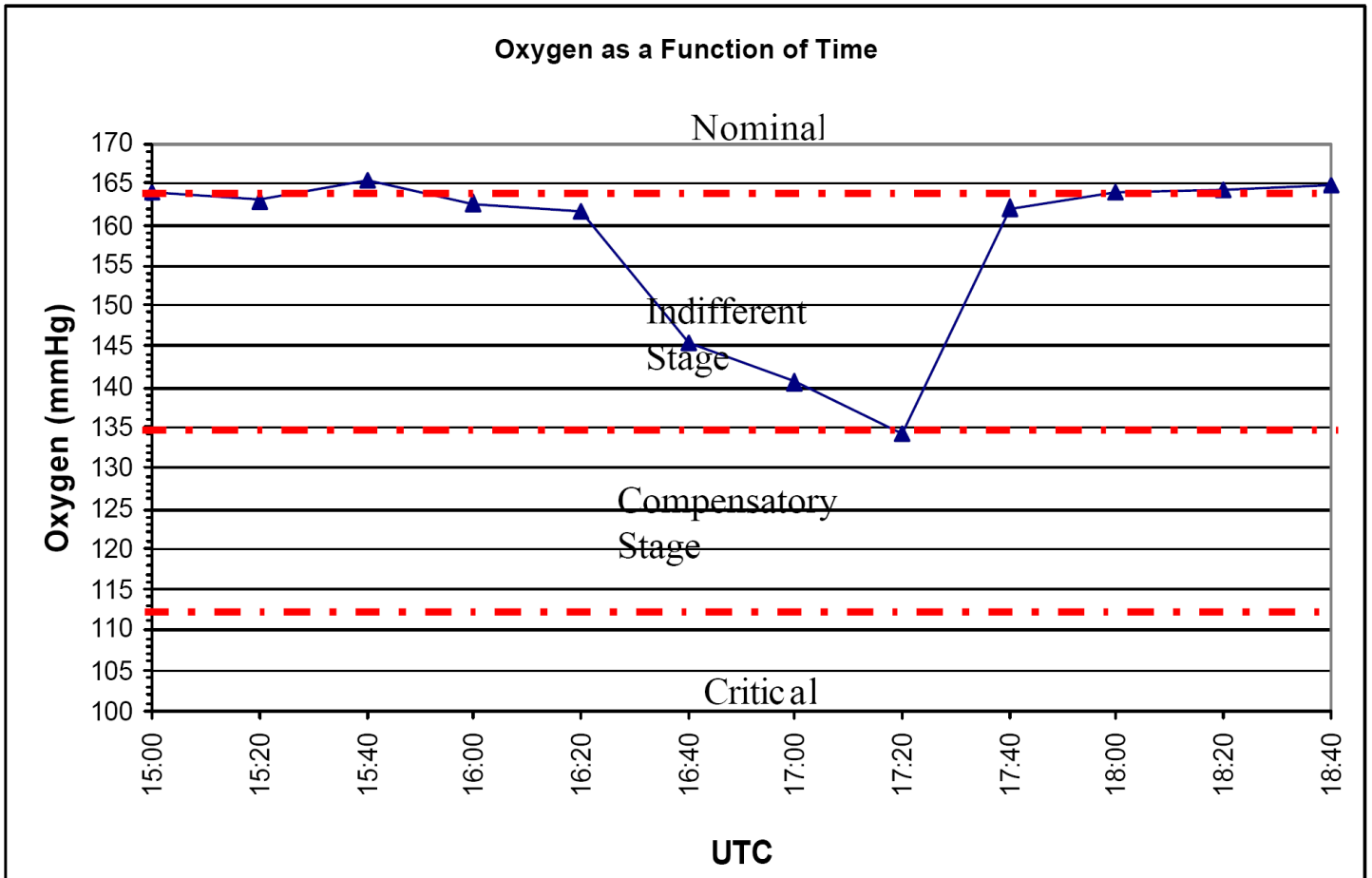
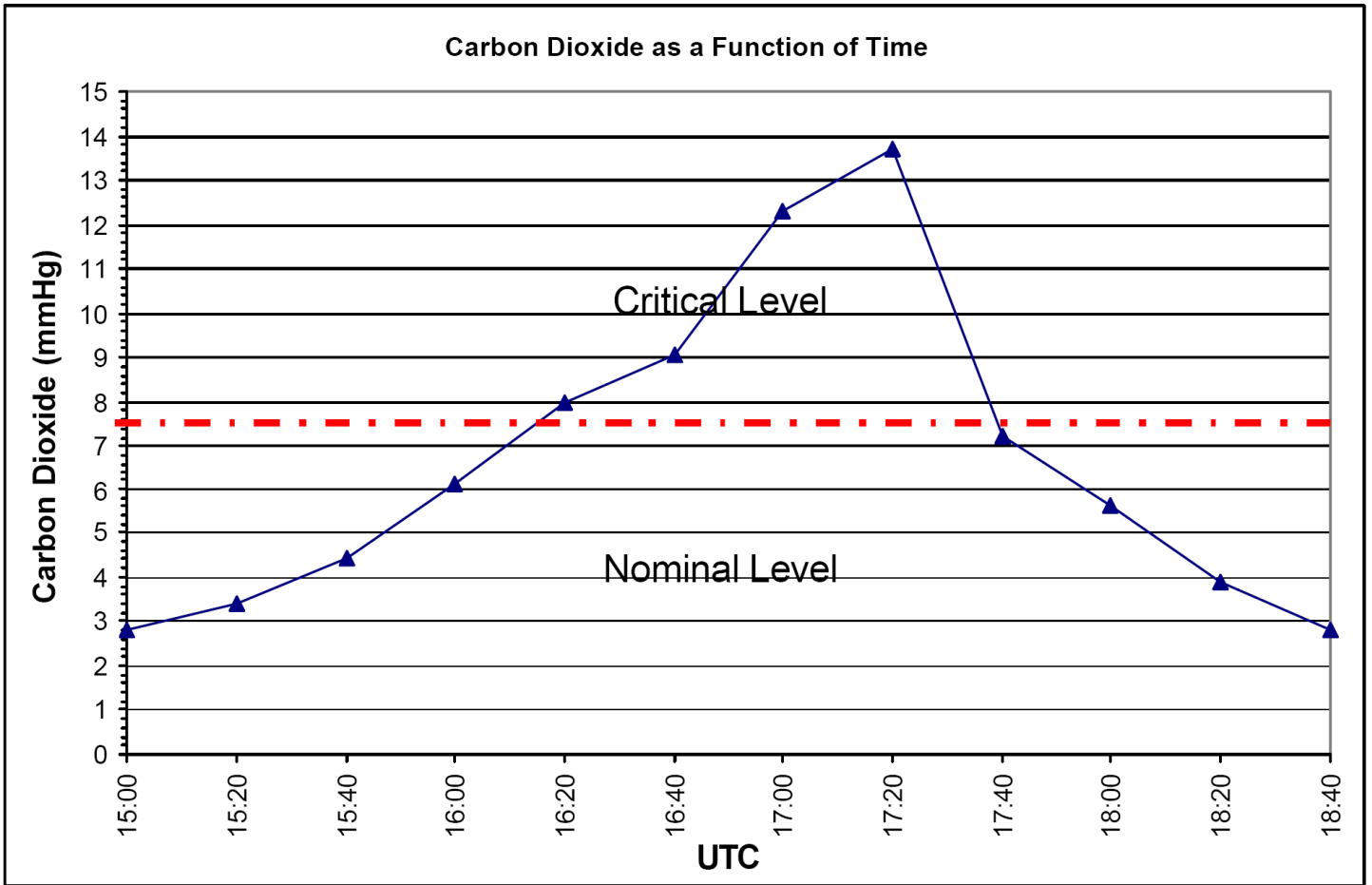
Oxygen (O<sup>2</sup>)

Carbon Dioxide (CO<sup>2</sup>)

Column	A	B	C (Graph this column)	D	E	F
Table Headings	Time of Day	Content of O <sup>2</sup> or CO <sup>2</sup>	Pressure of O <sup>2</sup> or CO <sup>2</sup>	Change in O <sup>2</sup> or CO <sup>2</sup>	Rate	Trend
Units	24-hour Clock	Percent (%)	mmHg	mmHg	mmHg per hour	
Calculations	From Data	From Data	C = 760 x B/100	D = Current C - Previous C	E = D/0.33	Look at the graph and check one
<b>For the Mission</b>	15:00	21.56	163.86	n/a	n/a	n/a
	15:20	21.42	162.79	-1.07	-3.24	<input type="checkbox"/> Increasing <input checked="" type="checkbox"/> Decreasing
	15:40	21.75	165.30	2.51	7.61	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	16:00	21.40	162.64	-2.66	-8.06	<input type="checkbox"/> Increasing <input checked="" type="checkbox"/> Decreasing
	16:20	21.29	161.80	-0.84	-2.55	<input type="checkbox"/> Increasing <input checked="" type="checkbox"/> Decreasing
	16:40	19.15	145.54	-16.26	-49.27	<input type="checkbox"/> Increasing <input checked="" type="checkbox"/> Decreasing
	17:00	18.50	140.60	-4.94	-14.97	<input type="checkbox"/> Increasing <input checked="" type="checkbox"/> Decreasing
	17:20	17.65	134.14	-6.46	-19.58	<input type="checkbox"/> Increasing <input checked="" type="checkbox"/> Decreasing
	17:40	21.33	162.11	27.97	84.76	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	18:00	21.56	163.86	1.75	5.30	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing
	18:20	21.70	164.92	0.76	2.30	<input checked="" type="checkbox"/> Increasing <input type="checkbox"/> Decreasing

Note: Round all calculations to two decimal places. Critical Value for O<sup>2</sup> is 155mmHg. Critical Value for CO<sup>2</sup> is 7.6 mmHg.

Mission Data





# Radiation Team Data Tracking Table



Circle One:

TEPC1 (Portable)

TEPC2 (Stationary)

Column	A	B	C (Graph this column)	D	E	F (Graph this column and compare to tables in the Reference Guide)
Table Headings	UTC	20 min Dose Total	Cumulative Dose	Dose Rate	Trend	24 hour Projected Total
Units	24 Hour Clock	rems	rems	rem/hr	Is the dose increasing or decreasing?	rems
Calculations	From Data	From Data	C = B + Previous C	$D = \frac{B}{0.33}$		$F = (D \times 24) + C$
<b>For the Mission</b>	15:00	0.24	0.24	0.73	n/a	17.76
	15:20	0.89	1.13	2.70	Increasing	65.93
	15:40	1.47	2.60	4.45	Increasing	109.40
	16:00	1.35	3.95	4.09	Decreasing	102.11
	16:20	1.91	5.86	5.79	Increasing	144.82
	16:40	2.00	7.86	6.06	Increasing	153.30
	17:00	3.45	11.31	10.45	Increasing	262.11
	17:20	2.55	13.86	7.73	Decreasing	199.38
	17:40	1.99	15.85	6.03	Decreasing	160.57
	18:00	2.04	17.89	6.18	Increasing	166.21
18:20	1.07	20.54	3.24	Decreasing	98.30	

Note: Round all calculations to two decimal places.



# Radiation Team Data Tracking Table



Circle One:

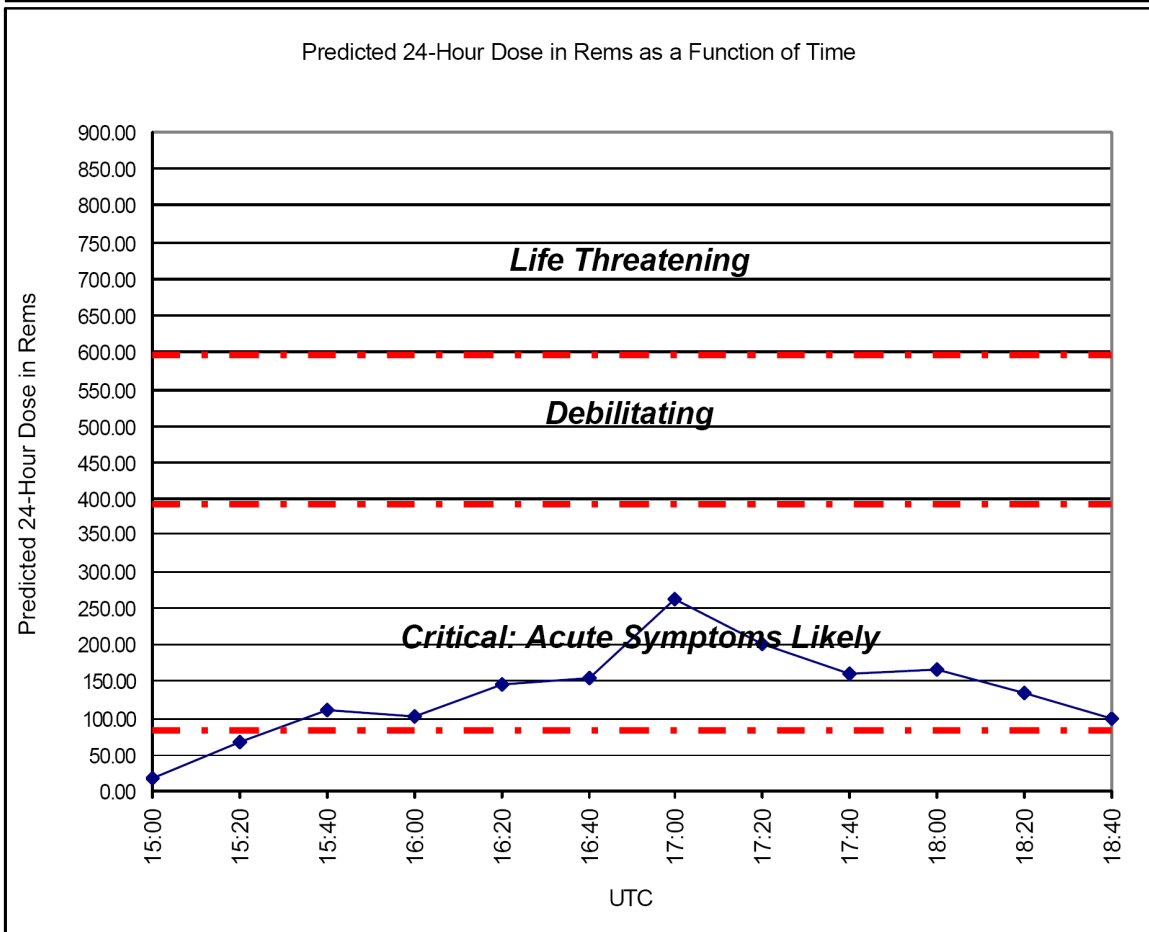
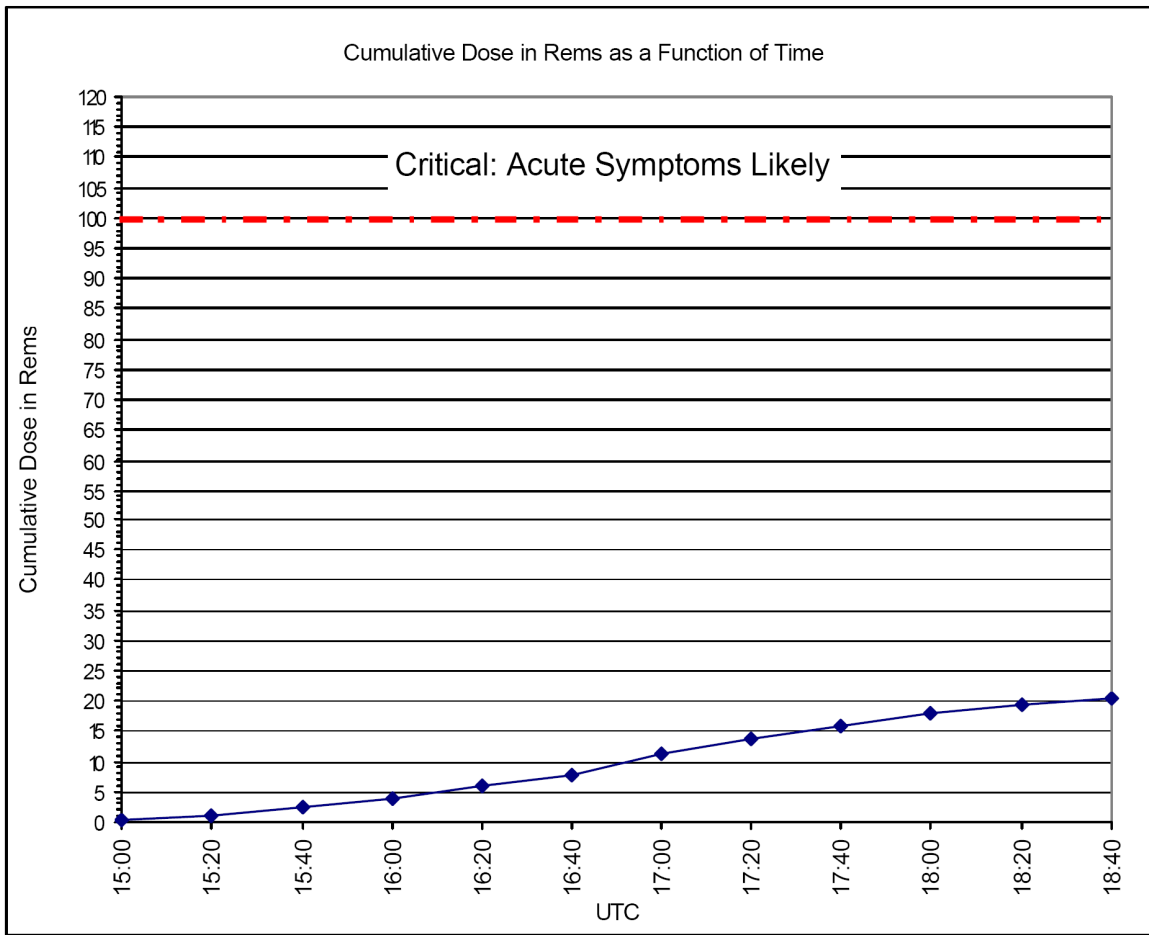
TEPC1 (Portable)

TEPC2 (Stationary)

Column	A	B	C (Graph this column)	D	E	F (Graph this column and compare to tables in the Reference Guide)
Table Headings	UTC	20 min Dose Total	Cumulative Dose	Dose Rate	Trend	24 hour Projected Total
Units	24 Hour Clock	rems	rems	rem/hr	Is the dose increasing or decreasing?	rems
Calculations	From Data	From Data	C = B + Previous C	$D = \frac{B}{0.33}$		$F = (D \times 24) + C$
<b>For the Mission</b>	15:00	0.74	0.74	2.24	n/a	54.5
	15:20	0.77	1.51	2.33	Increasing	57.43
	15:40	1.52	3.03	4.61	Increasing	113.67
	16:00	1.31	4.34	3.97	Decreasing	99.62
	16:20	6.23	10.57	18.88	Increasing	463.69
	16:40	8.96	19.53	27.15	Increasing	671.13
	17:00	11.00	30.53	33.33	Increasing	830.45
	17:20	11.64	42.17	35.27	Increasing	888.65
	17:40	10.64	52.81	32.24	Decreasing	826.57
	18:00	7.56	60.37	22.91	Decreasing	610.21
	18:20	2.94	68.40	8.91	Decreasing	282.24

Note: Round all calculations to two decimal places.

# Mission Day TEPC1



# Mission Day TEPC2

