

Radiation Team Mission Data								
TEPC1								
Column	A	B	C	D	E	F	G	H
Table Headings	UTC	15 min Dose Total	Cumulative Dose	Rate of Change	Time to Criticality	Time to Criticality	24 hour Projected Total	24 Hour Projected Total
Units	HH:MM	mrem/s	mrem/s	Mrem/min	Minutes	Hours	mrem/s	Rems
Calculations	From Data	From Data	C = B + Previous C	D = $\frac{B}{15}$ min	E = $\frac{100,000 - C}{D}$	F = E / 60 min	G = d X 1440 (min)	H = G / 1000
					D			
	15:00	186	186	12	8,050	134	17,856	18
	15:15	186	372	12	8,035	134	17,856	18
	15:30	690	1,062	46	2,151	36	66,240	66
	15:45	1,141	2,203	76	1,286	21	109,536	110
	16:00	1,042	3,245	69	1,393	23	100,032	100
	16:15	1,142	4,387	76	1,256	21	109,632	110
	16:30	1,483	5,870	99	952	16	142,368	142
	16:45	1,552	7,422	103	895	15	148,992	149
	17:00	2,676	10,098	178	504	8	256,896	257
	17:15	1,980	12,078	132	666	11	190,080	190
	17:30	1,540	13,618	103	841	14	147,840	148
	17:45	1,584	15,202	106	803	13	152,064	152
	18:00	2,222	17,424	148	557	9	213,312	213
	18:15	1,221	18,645	81	999	17	117,216	117
	18:30	828	19,473	55	1,459	24	79,488	79
	18:45	306	19,779	20	3,932	66	29,376	29