

Sr-90 DECAY TABLE

HALF-LIFE = 1.06E+04 days

		Days											
		0	30	60	90	120	150	180	210	240	270	300	330
Days	0	1.0000	0.9980	0.9961	0.9941	0.9922	0.9903	0.9883	0.9864	0.9845	0.9825	0.9806	0.9787
	360	0.9768	0.9749	0.9730	0.9711	0.9692	0.9673	0.9654	0.9635	0.9616	0.9598	0.9579	0.9560
	720	0.9541	0.9523	0.9504	0.9486	0.9467	0.9449	0.9430	0.9412	0.9393	0.9375	0.9357	0.9338
	1080	0.9320	0.9302	0.9284	0.9266	0.9247	0.9229	0.9211	0.9193	0.9175	0.9157	0.9140	0.9122
	1440	0.9104	0.9086	0.9068	0.9051	0.9033	0.9015	0.8998	0.8980	0.8962	0.8945	0.8928	0.8910
	1800	0.8893	0.8875	0.8858	0.8841	0.8823	0.8806	0.8789	0.8772	0.8755	0.8737	0.8720	0.8703
	2160	0.8686	0.8669	0.8652	0.8636	0.8619	0.8602	0.8585	0.8568	0.8551	0.8535	0.8518	0.8501
	2520	0.8485	0.8468	0.8452	0.8435	0.8419	0.8402	0.8386	0.8369	0.8353	0.8337	0.8320	0.8304
	2880	0.8288	0.8272	0.8256	0.8240	0.8223	0.8207	0.8191	0.8175	0.8159	0.8143	0.8127	0.8112
	3240	0.8096	0.8080	0.8064	0.8048	0.8033	0.8017	0.8001	0.7986	0.7970	0.7954	0.7939	0.7923
	3600	0.7908	0.7892	0.7877	0.7862	0.7846	0.7831	0.7816	0.7800	0.7785	0.7770	0.7755	0.7740
	3960	0.7724	0.7709	0.7694	0.7679	0.7664	0.7649	0.7634	0.7619	0.7605	0.7590	0.7575	0.7560
	4320	0.7545	0.7531	0.7516	0.7501	0.7486	0.7472	0.7457	0.7443	0.7428	0.7414	0.7399	0.7385
	4680	0.7370	0.7356	0.7341	0.7327	0.7313	0.7298	0.7284	0.7270	0.7256	0.7242	0.7227	0.7213
	5040	0.7199	0.7185	0.7171	0.7157	0.7143	0.7129	0.7115	0.7101	0.7087	0.7074	0.7060	0.7046
	5400	0.7032	0.7018	0.7005	0.6991	0.6977	0.6964	0.6950	0.6937	0.6923	0.6910	0.6896	0.6883
	5760	0.6869	0.6856	0.6842	0.6829	0.6816	0.6802	0.6789	0.6776	0.6762	0.6749	0.6736	0.6723
6120	0.6710	0.6697	0.6684	0.6670	0.6657	0.6644	0.6631	0.6618	0.6606	0.6593	0.6580	0.6567	
6480	0.6554	0.6541	0.6528	0.6516	0.6503	0.6490	0.6478	0.6465	0.6452	0.6440	0.6427	0.6415	
6840	0.6402	0.6390	0.6377	0.6365	0.6352	0.6340	0.6327	0.6315	0.6303	0.6290	0.6278	0.6266	
7200	0.6254	0.6241	0.6229	0.6217	0.6205	0.6193	0.6181	0.6168	0.6156	0.6144	0.6132	0.6120	
7560	0.6108	0.6096	0.6085	0.6073	0.6061	0.6049	0.6037	0.6025	0.6014	0.6002	0.5990	0.5978	
7920	0.5967	0.5955	0.5943	0.5932	0.5920	0.5909	0.5897	0.5886	0.5874	0.5863	0.5851	0.5840	

$A = A(0) * \exp((-0.693/\text{half-life in days}) * t)$

t = time in days