

SATURNO - EFFEMERIDI 2008

Generato con Saturn Ephemeris Generator 2.2.

(http://pds-rings.seti.org/tools/ephem2_sat.html)

Effemeridi di Saturno dal 1/1/2008 al 31/12/2008

Intervallo: 5 giorni

mm = mese

gg = giorno

hr = ora

mi = minuto

fase = fase di Saturno, in gradi (angolo Sole-Saturno-Terra)

tilt = apertura degli anelli (latitudine saturnocentrica della Terra)

raggio = raggio equatoriale apparente del pianeta, in secondi d'arco

distsol = distanza di Saturno dal Sole, in miliardi di Km

dister = distanza di Saturno dalla Terra, in miliardi di Km

elong. = elongazione (distanza angolare di Saturno dal Sole visto dalla Terra)

anno	mm	gg	hr	mi	fase	tilt	raggio	distsol	dister	elong.
2008	1	1	0	0	5.191	-6.738	9.536	1.3862E+09	1.3037E+09	121.486
2008	1	6	0	0	4.879	-6.819	9.611	1.3864E+09	1.2934E+09	126.716
2008	1	11	0	0	4.522	-6.920	9.683	1.3866E+09	1.2838E+09	131.988
2008	1	16	0	0	4.126	-7.038	9.750	1.3868E+09	1.2750E+09	137.298
2008	1	21	0	0	3.692	-7.174	9.811	1.3870E+09	1.2671E+09	142.639
2008	1	26	0	0	3.224	-7.324	9.866	1.3872E+09	1.2601E+09	148.007
2008	1	31	0	0	2.725	-7.487	9.913	1.3874E+09	1.2540E+09	153.399
2008	2	5	0	0	2.201	-7.661	9.953	1.3876E+09	1.2490E+09	158.806
2008	2	10	0	0	1.657	-7.843	9.984	1.3878E+09	1.2451E+09	164.216
2008	2	15	0	0	1.100	-8.031	10.006	1.3880E+09	1.2424E+09	169.603
2008	2	20	0	0	0.545	-8.222	10.019	1.3882E+09	1.2408E+09	174.867
2008	2	25	0	0	0.209	-8.414	10.022	1.3884E+09	1.2404E+09	178.048
2008	3	1	0	0	0.677	-8.604	10.016	1.3886E+09	1.2411E+09	173.657
2008	3	6	0	0	1.235	-8.789	10.000	1.3888E+09	1.2431E+09	168.375
2008	3	11	0	0	1.790	-8.967	9.976	1.3890E+09	1.2461E+09	163.037
2008	3	16	0	0	2.330	-9.135	9.942	1.3892E+09	1.2503E+09	157.710
2008	3	21	0	0	2.848	-9.291	9.901	1.3894E+09	1.2556E+09	152.410
2008	3	26	0	0	3.341	-9.434	9.852	1.3896E+09	1.2618E+09	147.147
2008	3	31	0	0	3.804	-9.561	9.795	1.3898E+09	1.2691E+09	141.923
2008	4	5	0	0	4.232	-9.672	9.733	1.3900E+09	1.2772E+09	136.745
2008	4	10	0	0	4.624	-9.765	9.666	1.3902E+09	1.2861E+09	131.616
2008	4	15	0	0	4.976	-9.839	9.594	1.3904E+09	1.2958E+09	126.541
2008	4	20	0	0	5.287	-9.893	9.518	1.3906E+09	1.3061E+09	121.523
2008	4	25	0	0	5.555	-9.927	9.439	1.3908E+09	1.3170E+09	116.560
2008	4	30	0	0	5.780	-9.941	9.359	1.3910E+09	1.3283E+09	111.652
2008	5	5	0	0	5.960	-9.935	9.277	1.3912E+09	1.3401E+09	106.798
2008	5	10	0	0	6.097	-9.908	9.194	1.3914E+09	1.3521E+09	102.000
2008	5	15	0	0	6.189	-9.861	9.111	1.3916E+09	1.3644E+09	97.259
2008	5	20	0	0	6.238	-9.795	9.029	1.3918E+09	1.3768E+09	92.572
2008	5	25	0	0	6.245	-9.709	8.948	1.3920E+09	1.3892E+09	87.936
2008	5	30	0	0	6.212	-9.605	8.869	1.3922E+09	1.4016E+09	83.349
2008	6	4	0	0	6.138	-9.483	8.792	1.3924E+09	1.4139E+09	78.807
2008	6	9	0	0	6.026	-9.344	8.718	1.3926E+09	1.4260E+09	74.310
2008	6	14	0	0	5.878	-9.189	8.646	1.3928E+09	1.4378E+09	69.857
2008	6	19	0	0	5.696	-9.018	8.577	1.3930E+09	1.4493E+09	65.444

2008	6	24	0	0	5.481	-8.833	8.512	1.3932E+09	1.4604E+09	61.068
2008	6	29	0	0	5.235	-8.633	8.450	1.3934E+09	1.4711E+09	56.723
2008	7	4	0	0	4.961	-8.421	8.393	1.3936E+09	1.4812E+09	52.406
2008	7	9	0	0	4.660	-8.197	8.339	1.3939E+09	1.4908E+09	48.118
2008	7	14	0	0	4.334	-7.962	8.289	1.3941E+09	1.4997E+09	43.855
2008	7	19	0	0	3.986	-7.717	8.243	1.3943E+09	1.5080E+09	39.613
2008	7	24	0	0	3.618	-7.463	8.202	1.3945E+09	1.5156E+09	35.390
2008	7	29	0	0	3.232	-7.201	8.165	1.3947E+09	1.5224E+09	31.180
2008	8	3	0	0	2.830	-6.932	8.133	1.3949E+09	1.5285E+09	26.981
2008	8	8	0	0	2.414	-6.656	8.105	1.3951E+09	1.5337E+09	22.793
2008	8	13	0	0	1.987	-6.376	8.082	1.3953E+09	1.5381E+09	18.615
2008	8	18	0	0	1.551	-6.091	8.064	1.3955E+09	1.5416E+09	14.447
2008	8	23	0	0	1.110	-5.804	8.050	1.3957E+09	1.5443E+09	10.295
2008	8	28	0	0	0.669	-5.514	8.040	1.3959E+09	1.5461E+09	6.191
2008	9	2	0	0	0.262	-5.224	8.036	1.3961E+09	1.5469E+09	2.424
2008	9	7	0	0	0.321	-4.933	8.036	1.3964E+09	1.5469E+09	2.978
2008	9	12	0	0	0.742	-4.644	8.041	1.3966E+09	1.5459E+09	6.898
2008	9	17	0	0	1.184	-4.357	8.051	1.3968E+09	1.5440E+09	11.063
2008	9	22	0	0	1.624	-4.074	8.066	1.3970E+09	1.5413E+09	15.291
2008	9	27	0	0	2.059	-3.795	8.085	1.3972E+09	1.5376E+09	19.557
2008	10	2	0	0	2.484	-3.521	8.109	1.3974E+09	1.5330E+09	23.856
2008	10	7	0	0	2.896	-3.255	8.138	1.3976E+09	1.5276E+09	28.185
2008	10	12	0	0	3.294	-2.996	8.171	1.3978E+09	1.5214E+09	32.544
2008	10	17	0	0	3.674	-2.747	8.209	1.3980E+09	1.5143E+09	36.936
2008	10	22	0	0	4.035	-2.507	8.252	1.3983E+09	1.5065E+09	41.362
2008	10	27	0	0	4.373	-2.279	8.299	1.3985E+09	1.4980E+09	45.828
2008	11	1	0	0	4.687	-2.063	8.350	1.3987E+09	1.4888E+09	50.333
2008	11	6	0	0	4.974	-1.861	8.405	1.3989E+09	1.4789E+09	54.878
2008	11	11	0	0	5.231	-1.674	8.465	1.3991E+09	1.4685E+09	59.463
2008	11	16	0	0	5.457	-1.502	8.528	1.3993E+09	1.4576E+09	64.092
2008	11	21	0	0	5.649	-1.348	8.595	1.3995E+09	1.4463E+09	68.766
2008	11	26	0	0	5.804	-1.211	8.666	1.3998E+09	1.4345E+09	73.489
2008	12	1	0	0	5.922	-1.092	8.739	1.4000E+09	1.4225E+09	78.260
2008	12	6	0	0	5.999	-0.993	8.815	1.4002E+09	1.4103E+09	83.079
2008	12	11	0	0	6.034	-0.915	8.893	1.4004E+09	1.3979E+09	87.945
2008	12	16	0	0	6.026	-0.857	8.972	1.4006E+09	1.3855E+09	92.859
2008	12	21	0	0	5.974	-0.820	9.053	1.4008E+09	1.3732E+09	97.824
2008	12	26	0	0	5.876	-0.805	9.134	1.4010E+09	1.3610E+09	102.839
2008	12	31	0	0	5.733	-0.811	9.215	1.4013E+09	1.3490E+09	107.902