

SATURNO - EFFEMERIDI 2011

Generato con Saturn Ephemeris Generator 2.4
 (http://pds-rings.seti.org/tools/ephem2_sat.html)

Effemeridi di Saturno dal 1/1/2010 al 31/12/2010

Intervallo: 5 giorni

mm = mese

gg = giorno

hr = ora

mi = minuto

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

s-tilt = apertura degli anelli rispetto al Sole, in gradi

tilt = apertura degli anelli rispetto alla Terra (latitudine saturnocentrica della Terra), in gradi

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

dister = distanza di Saturno dalla Terra, in Km

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

anno	mm	gg	hr	mi	fase	s-tilt	tilt	rad.	dister	elong.
2011	1	1	0	0	5.851	7.583	10.141	8.615	1.4430E+09	83.548
2011	1	6	0	0	5.885	7.655	10.205	8.690	1.4306E+09	88.442
2011	1	11	0	0	5.877	7.727	10.250	8.766	1.4181E+09	93.376
2011	1	16	0	0	5.825	7.798	10.277	8.843	1.4058E+09	98.351
2011	1	21	0	0	5.729	7.870	10.285	8.920	1.3936E+09	103.366
2011	1	26	0	0	5.588	7.941	10.274	8.997	1.3817E+09	108.420
2011	1	31	0	0	5.402	8.012	10.244	9.073	1.3701E+09	113.515
2011	2	5	0	0	5.173	8.083	10.195	9.148	1.3589E+09	118.649
2011	2	10	0	0	4.900	8.155	10.129	9.220	1.3483E+09	123.817
2011	2	15	0	0	4.585	8.226	10.045	9.289	1.3383E+09	129.014
2011	2	20	0	0	4.230	8.297	9.946	9.354	1.3290E+09	134.239
2011	2	25	0	0	3.839	8.368	9.832	9.414	1.3206E+09	139.489
2011	3	2	0	0	3.413	8.438	9.704	9.468	1.3130E+09	144.761
2011	3	7	0	0	2.956	8.509	9.564	9.516	1.3063E+09	150.048
2011	3	12	0	0	2.472	8.580	9.414	9.558	1.3006E+09	155.341
2011	3	17	0	0	1.967	8.650	9.255	9.592	1.2960E+09	160.627
2011	3	22	0	0	1.448	8.721	9.091	9.618	1.2925E+09	165.884
2011	3	27	0	0	0.924	8.791	8.922	9.636	1.2901E+09	171.055
2011	4	1	0	0	0.435	8.862	8.751	9.645	1.2888E+09	175.799
2011	4	6	0	0	0.361	8.932	8.580	9.646	1.2887E+09	176.534
2011	4	11	0	0	0.824	9.002	8.413	9.638	1.2898E+09	172.083
2011	4	16	0	0	1.346	9.072	8.250	9.622	1.2920E+09	167.002
2011	4	21	0	0	1.867	9.142	8.095	9.597	1.2953E+09	161.835
2011	4	26	0	0	2.376	9.212	7.948	9.565	1.2996E+09	156.660
2011	5	1	0	0	2.865	9.282	7.813	9.526	1.3050E+09	151.500
2011	5	6	0	0	3.329	9.352	7.690	9.479	1.3114E+09	146.368
2011	5	11	0	0	3.765	9.421	7.582	9.426	1.3188E+09	141.272
2011	5	16	0	0	4.168	9.491	7.489	9.368	1.3269E+09	136.219
2011	5	21	0	0	4.536	9.560	7.413	9.305	1.3359E+09	131.209
2011	5	26	0	0	4.868	9.630	7.354	9.238	1.3456E+09	126.243
2011	5	31	0	0	5.160	9.699	7.313	9.168	1.3559E+09	121.322
2011	6	5	0	0	5.412	9.768	7.291	9.095	1.3668E+09	116.447
2011	6	10	0	0	5.623	9.837	7.288	9.020	1.3782E+09	111.621
2011	6	15	0	0	5.791	9.906	7.304	8.944	1.3899E+09	106.843
2011	6	20	0	0	5.918	9.975	7.339	8.867	1.4019E+09	102.112
2011	6	25	0	0	6.004	10.044	7.392	8.791	1.4141E+09	97.424
2011	6	30	0	0	6.048	10.113	7.463	8.714	1.4265E+09	92.779
2011	7	5	0	0	6.051	10.182	7.552	8.639	1.4390E+09	88.174
2011	7	10	0	0	6.015	10.250	7.658	8.565	1.4513E+09	83.610
2011	7	15	0	0	5.941	10.319	7.780	8.493	1.4636E+09	79.086
2011	7	20	0	0	5.830	10.387	7.918	8.424	1.4757E+09	74.595
2011	7	25	0	0	5.684	10.456	8.071	8.357	1.4876E+09	70.136
2011	7	30	0	0	5.504	10.524	8.237	8.293	1.4991E+09	65.705

2011	8	4	0	0	5.293	10.592	8.417	8.231	1.5102E+09	61.300
2011	8	9	0	0	5.051	10.660	8.608	8.174	1.5209E+09	56.921
2011	8	14	0	0	4.781	10.728	8.810	8.120	1.5310E+09	52.565
2011	8	19	0	0	4.485	10.796	9.022	8.069	1.5406E+09	48.226
2011	8	24	0	0	4.165	10.864	9.243	8.023	1.5495E+09	43.903
2011	8	29	0	0	3.822	10.931	9.472	7.980	1.5578E+09	39.591
2011	9	3	0	0	3.460	10.999	9.708	7.942	1.5653E+09	35.289
2011	9	8	0	0	3.080	11.066	9.949	7.907	1.5721E+09	30.998
2011	9	13	0	0	2.684	11.134	10.196	7.877	1.5781E+09	26.716
2011	9	18	0	0	2.275	11.201	10.446	7.852	1.5832E+09	22.438
2011	9	23	0	0	1.856	11.268	10.699	7.831	1.5875E+09	18.167
2011	9	28	0	0	1.428	11.336	10.953	7.814	1.5909E+09	13.906
2011	10	3	0	0	0.997	11.403	11.208	7.802	1.5934E+09	9.678
2011	10	8	0	0	0.575	11.469	11.463	7.794	1.5950E+09	5.569
2011	10	13	0	0	0.245	11.536	11.716	7.791	1.5956E+09	2.377
2011	10	18	0	0	0.435	11.603	11.967	7.792	1.5953E+09	4.225
2011	10	23	0	0	0.846	11.670	12.215	7.798	1.5941E+09	8.249
2011	10	28	0	0	1.276	11.736	12.458	7.809	1.5919E+09	12.519
2011	11	2	0	0	1.705	11.803	12.696	7.824	1.5888E+09	16.864
2011	11	7	0	0	2.128	11.869	12.928	7.844	1.5848E+09	21.252
2011	11	12	0	0	2.540	11.935	13.153	7.869	1.5798E+09	25.673
2011	11	17	0	0	2.939	12.001	13.369	7.898	1.5740E+09	30.126
2011	11	22	0	0	3.323	12.067	13.577	7.931	1.5674E+09	34.611
2011	11	27	0	0	3.688	12.133	13.775	7.969	1.5600E+09	39.128
2011	12	2	0	0	4.032	12.199	13.962	8.011	1.5517E+09	43.677
2011	12	7	0	0	4.353	12.265	14.138	8.057	1.5428E+09	48.258
2011	12	12	0	0	4.649	12.331	14.302	8.108	1.5332E+09	52.871
2011	12	17	0	0	4.916	12.396	14.453	8.162	1.5230E+09	57.518
2011	12	22	0	0	5.153	12.462	14.591	8.220	1.5123E+09	62.204
2011	12	27	0	0	5.358	12.527	14.714	8.282	1.5010E+09	66.926