

**SATURNO - EFFEMERIDI 2010**

Generato con Saturn Ephemeris Generator 2.4  
 ([http://pds-rings.seti.org/tools/ephem2\\_sat.html](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.
2010	1	1	0	0	5.925	2.183	4.882	8.914	1.3946E+09	95.940
2010	1	6	0	0	5.847	2.258	4.903	8.993	1.3824E+09	100.938
2010	1	11	0	0	5.725	2.334	4.902	9.072	1.3703E+09	105.982
2010	1	16	0	0	5.557	2.410	4.882	9.150	1.3585E+09	111.071
2010	1	21	0	0	5.343	2.486	4.840	9.228	1.3472E+09	116.201
2010	1	26	0	0	5.086	2.561	4.779	9.303	1.3363E+09	121.369
2010	1	31	0	0	4.785	2.637	4.699	9.375	1.3260E+09	126.572
2010	2	5	0	0	4.443	2.713	4.600	9.443	1.3164E+09	131.809
2010	2	10	0	0	4.061	2.788	4.484	9.507	1.3076E+09	137.078
2010	2	15	0	0	3.643	2.864	4.353	9.566	1.2996E+09	142.374
2010	2	20	0	0	3.191	2.939	4.207	9.618	1.2925E+09	147.689
2010	2	25	0	0	2.711	3.015	4.050	9.664	1.2864E+09	153.016
2010	3	2	0	0	2.207	3.090	3.882	9.702	1.2813E+09	158.344
2010	3	7	0	0	1.683	3.165	3.706	9.732	1.2773E+09	163.662
2010	3	12	0	0	1.149	3.241	3.525	9.754	1.2744E+09	168.937
2010	3	17	0	0	0.623	3.316	3.340	9.767	1.2727E+09	174.030
2010	3	22	0	0	0.269	3.391	3.155	9.772	1.2722E+09	177.432
2010	3	27	0	0	0.620	3.466	2.971	9.767	1.2727E+09	174.092
2010	4	1	0	0	1.146	3.541	2.792	9.754	1.2745E+09	169.047
2010	4	6	0	0	1.680	3.616	2.620	9.732	1.2774E+09	163.844
2010	4	11	0	0	2.204	3.691	2.457	9.702	1.2813E+09	158.620
2010	4	16	0	0	2.709	3.766	2.305	9.664	1.2864E+09	153.409
2010	4	21	0	0	3.191	3.841	2.165	9.618	1.2924E+09	148.226
2010	4	26	0	0	3.645	3.916	2.041	9.567	1.2994E+09	143.082
2010	5	1	0	0	4.067	3.991	1.933	9.509	1.3073E+09	137.979
2010	5	6	0	0	4.454	4.065	1.842	9.446	1.3161E+09	132.921
2010	5	11	0	0	4.805	4.140	1.770	9.378	1.3255E+09	127.907
2010	5	16	0	0	5.116	4.215	1.717	9.307	1.3356E+09	122.942
2010	5	21	0	0	5.386	4.289	1.683	9.233	1.3464E+09	118.028
2010	5	26	0	0	5.615	4.364	1.670	9.157	1.3576E+09	113.167
2010	5	31	0	0	5.801	4.438	1.677	9.079	1.3692E+09	108.356
2010	6	5	0	0	5.945	4.513	1.704	9.001	1.3811E+09	103.594
2010	6	10	0	0	6.046	4.587	1.751	8.922	1.3933E+09	98.879
2010	6	15	0	0	6.105	4.661	1.817	8.844	1.4057E+09	94.211
2010	6	20	0	0	6.123	4.736	1.903	8.766	1.4181E+09	89.590
2010	6	25	0	0	6.101	4.810	2.006	8.690	1.4305E+09	85.013
2010	6	30	0	0	6.039	4.884	2.128	8.616	1.4428E+09	80.479
2010	7	5	0	0	5.940	4.958	2.266	8.544	1.4550E+09	75.982
2010	7	10	0	0	5.805	5.032	2.421	8.474	1.4669E+09	71.520
2010	7	15	0	0	5.636	5.106	2.591	8.408	1.4786E+09	67.090
2010	7	20	0	0	5.433	5.180	2.776	8.344	1.4898E+09	62.693
2010	7	25	0	0	5.200	5.254	2.973	8.284	1.5006E+09	58.326
2010	7	30	0	0	4.939	5.328	3.183	8.227	1.5109E+09	53.983

2010	8	4	0	0	4.650	5.401	3.404	8.175	1.5207E+09	49.661
2010	8	9	0	0	4.336	5.475	3.636	8.126	1.5299E+09	45.357
2010	8	14	0	0	3.999	5.549	3.877	8.081	1.5384E+09	41.069
2010	8	19	0	0	3.641	5.622	4.126	8.040	1.5462E+09	36.796
2010	8	24	0	0	3.265	5.696	4.383	8.003	1.5533E+09	32.535
2010	8	29	0	0	2.873	5.769	4.645	7.971	1.5595E+09	28.284
2010	9	3	0	0	2.467	5.843	4.913	7.943	1.5650E+09	24.039
2010	9	8	0	0	2.048	5.916	5.184	7.920	1.5697E+09	19.800
2010	9	13	0	0	1.620	5.989	5.459	7.901	1.5734E+09	15.570
2010	9	18	0	0	1.187	6.062	5.735	7.886	1.5763E+09	11.361
2010	9	23	0	0	0.756	6.135	6.013	7.877	1.5782E+09	7.213
2010	9	28	0	0	0.354	6.208	6.289	7.871	1.5793E+09	3.382
2010	10	3	0	0	0.288	6.281	6.565	7.871	1.5794E+09	2.750
2010	10	8	0	0	0.666	6.354	6.838	7.875	1.5786E+09	6.386
2010	10	13	0	0	1.096	6.427	7.108	7.884	1.5768E+09	10.561
2010	10	18	0	0	1.530	6.500	7.374	7.897	1.5741E+09	14.843
2010	10	23	0	0	1.958	6.573	7.633	7.915	1.5705E+09	19.175
2010	10	28	0	0	2.378	6.645	7.887	7.938	1.5660E+09	23.544
2010	11	2	0	0	2.787	6.718	8.132	7.965	1.5607E+09	27.947
2010	11	7	0	0	3.180	6.790	8.370	7.997	1.5544E+09	32.384
2010	11	12	0	0	3.557	6.863	8.597	8.034	1.5474E+09	36.853
2010	11	17	0	0	3.914	6.935	8.814	8.074	1.5396E+09	41.355
2010	11	22	0	0	4.249	7.008	9.019	8.119	1.5310E+09	45.889
2010	11	27	0	0	4.559	7.080	9.212	8.169	1.5218E+09	50.459
2010	12	2	0	0	4.843	7.152	9.391	8.222	1.5119E+09	55.068
2010	12	7	0	0	5.097	7.224	9.556	8.279	1.5014E+09	59.716
2010	12	12	0	0	5.319	7.296	9.706	8.340	1.4905E+09	64.402
2010	12	17	0	0	5.508	7.368	9.840	8.405	1.4791E+09	69.128
2010	12	22	0	0	5.660	7.440	9.958	8.472	1.4673E+09	73.892
2010	12	27	0	0	5.776	7.512	10.058	8.542	1.4552E+09	78.699