

Geocentric Ephemeris for Near Giant Planet: 2019

00:00 UTC (Coordinated Universal Time)

Date (0 UT)	Calculate R.A. h m s	Calculate Declination ° ' "	Distance to Earth a.u.	Distance to Sun a.u.
Jan 01	09 53 06.06	-04 11 27.31	5.56276	6.19929
Jan 02	09 52 49.17	-04 11 25.39	5.55165	6.20067
Jan 03	09 52 31.78	-04 11 08.48	5.54066	6.20205
Jan 04	09 52 13.88	-04 10 47.62	5.52986	6.20342
Jan 05	09 51 55.42	-04 10 19.42	5.51925	6.20479
Jan 06	09 51 36.41	-04 09 47.22	5.50885	6.20616
Jan 07	09 51 16.87	-04 09 09.89	5.49865	6.20752
Jan 08	09 50 56.79	-04 08 27.41	5.48867	6.20887
Jan 09	09 50 36.20	-04 07 39.76	5.47891	6.21022
Jan 10	09 50 15.10	-04 06 49.96	5.46936	6.21157
Jan 11	09 49 53.51	-04 05 48.99	5.46004	6.21292
Jan 12	09 49 31.42	-04 04 45.85	5.45095	6.21426
Jan 13	09 49 08.87	-04 03 37.57	5.44210	6.21559
Jan 14	09 48 45.86	-04 02 24.12	5.43349	6.21692
Jan 15	09 48 22.40	-04 01 05.55	5.42511	6.21825
Jan 16	09 47 58.51	-03 59 41.84	5.41699	6.21958
Jan 17	09 47 34.19	-03 58 13.06	5.40911	6.22090
Jan 18	09 47 09.47	-03 56 39.16	5.40149	6.22221
Jan 19	09 46 44.35	-03 55 00.23	5.39413	6.22352
Jan 20	09 46 18.84	-03 53 16.25	5.38702	6.22483
Jan 21	09 45 52.98	-03 51 27.30	5.38018	6.22614
Jan 22	09 45 26.76	-03 49 33.37	5.37361	6.22744
Jan 23	09 45 00.20	-03 47 34.49	5.36731	6.22873
Jan 24	09 44 33.31	-03 45 30.72	5.36127	6.23003
Jan 25	09 44 06.11	-03 43 22.08	5.35552	6.23131
Jan 26	09 43 38.62	-03 41 08.59	5.35005	6.23260
Jan 27	09 43 10.84	-03 38 50.33	5.34486	6.23388
Jan 28	09 42 42.80	-03 36 27.31	5.33995	6.23516
Jan 29	09 42 14.67	-03 33 59.73	5.33534	6.23643
Jan 30	09 41 45.97	-03 31 27.82	5.33101	6.23770
Jan 31	09 41 17.13	-03 28 53.98	5.32701	6.23896
Feb 01	09 40 48.27	-03 26 08.78	5.32325	6.24022
Feb 02	09 40 19.14	-03 23 22.83	5.31968	6.24148
Feb 03	09 39 49.85	-03 20 32.53	5.31668	6.24273
Feb 04	09 39 20.42	-03 17 37.91	5.31386	6.24398
Feb 05	09 38 50.86	-03 14 39.08	5.31133	6.24523
Feb 06	09 38 21.49	-03 11 36.09	5.30912	6.24647
Feb 07	09 37 51.43	-03 08 29.08	5.30722	6.24770
Feb 08	09 37 21.61	-03 05 18.11	5.30595	6.24894
Feb 09	09 36 51.73	-03 02 03.27	5.30434	6.25016
Feb 10	09 36 21.86	-02 58 44.68	5.30337	6.25139
Feb 11	09 35 51.90	-02 55 22.45	5.30271	6.25261
Feb 12	09 35 21.97	-02 51 56.63	5.30237	6.25383
Feb 13	09 34 52.08	-02 48 27.39	5.30234	6.25504
Feb 14	09 34 22.23	-02 44 54.80	5.30262	6.25625
Feb 15	09 33 53.24	-02 40 45.03	5.30322	6.25745
Feb 16	09 33 22.73	-02 37 40.05	5.30413	6.25865
Feb 17	09 32 53.12	-02 33 58.13	5.30535	6.25985
Feb 18	09 32 23.61	-02 30 13.31	5.30688	6.26104
Feb 19	09 31 54.24	-02 26 25.71	5.30873	6.26223
Feb 20	09 31 25.03	-02 22 35.47	5.31089	6.26342
Feb 21	09 30 55.97	-02 18 42.67	5.31336	6.26460

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Feb 22	09 30 27.10	-02 14 47.43	5.31614	6.26578
Feb 23	09 29 58.42	-02 10 49.86	5.31923	6.26695
Feb 24	09 29 29.95	-02 06 50.06	5.32262	6.26812
Feb 25	09 29 01.71	-02 02 48.17	5.32633	6.26928
Feb 26	09 28 33.72	-01 58 44.29	5.33065	6.27044
Feb 27	09 28 05.99	-01 54 38.54	5.33465	6.27160
Feb 28	09 27 38.53	-01 50 31.06	5.33928	6.27276
Mar 01	09 27 11.37	-01 46 21.97	5.34420	6.27391
Mar 02	09 26 44.52	-01 42 11.37	5.34943	6.27505
Mar 03	09 26 18.00	-01 37 59.44	5.35495	6.27619
Mar 04	09 25 51.82	-01 33 46.27	5.36077	6.27733
Mar 05	09 25 26.00	-01 29 31.99	5.36689	6.27846
Mar 06	09 25 00.55	-01 25 16.75	5.37330	6.27959
Mar 07	09 24 35.48	-01 21 00.51	5.38000	6.28072
Mar 08	09 24 10.82	-01 16 43.86	5.38698	6.28184
Mar 09	09 23 46.58	-01 12 26.46	5.39425	6.28296
Mar 10	09 23 22.77	-01 08 08.64	5.40180	6.28407
Mar 11	09 22 59.39	-01 03 50.43	5.40964	6.28518
Mar 12	09 22 36.47	-00 59 32.04	5.41774	6.28629
Mar 13	09 22 14.08	-00 55 13.57	5.42612	6.28739
Mar 14	09 21 52.03	-00 50 55.13	5.43476	6.28849
Mar 15	09 21 30.54	-00 46 36.85	5.44367	6.28958
Mar 16	09 21 09.55	-00 42 18.86	5.45284	6.29067
Mar 17	09 20 49.07	-00 38 01.25	5.46226	6.29176
Mar 18	09 20 29.10	-00 33 44.16	5.47193	6.29284
Mar 19	09 20 03.22	-00 29 27.68	5.48186	6.29392
Mar 20	09 19 50.74	-00 25 11.92	5.49202	6.29499
Mar 21	09 19 32.37	-00 20 56.98	5.50243	6.29606
Mar 22	09 19 14.54	-00 16 42.97	5.51308	6.29713
Mar 23	09 18 57.27	-00 12 29.97	5.52395	6.29819
Mar 24	09 18 40.56	-00 08 18.07	5.53506	6.29925
Mar 25	09 18 24.41	-00 04 07.37	5.54639	6.30031
Mar 26	09 18 08.83	+00 00 02.03	5.55734	6.30136
Mar 27	09 17 53.84	+00 04 10.03	5.56971	6.30240
Mar 28	09 17 39.43	+00 08 16.54	5.58170	6.30345
Mar 29	09 17 25.61	+00 12 21.47	5.59389	6.30449
Mar 30	09 17 12.40	+00 16 24.73	5.60629	6.30552
Mar 31	09 16 59.77	+00 20 26.22	5.61889	6.30655
Apr 01	09 16 47.76	+00 24 25.86	5.63168	6.30758
Apr 02	09 16 36.37	+00 28 23.55	5.64467	6.30860
Apr 03	09 16 25.59	+00 32 19.23	5.65784	6.30962
Apr 04	09 16 15.42	+00 36 12.79	5.67120	6.31064
Apr 05	09 16 05.89	+00 40 04.16	5.68473	6.31165
Apr 06	09 15 56.97	+00 43 53.27	5.69844	6.31266
Apr 07	09 15 48.69	+00 47 40.04	5.71231	6.31366
Apr 08	09 15 41.03	+00 51 24.40	5.72635	6.31466
Apr 09	09 15 34.01	+00 55 06.26	5.74054	6.31566
Apr 10	09 15 27.62	+00 58 45.59	5.75489	6.31664
Apr 11	09 15 22.08	+01 02 21.22	5.76938	6.31764
Apr 12	09 15 16.73	+01 05 56.34	5.78401	6.31862
Apr 13	09 15 11.80	+01 09 30.02	5.79881	6.31960
Apr 14	09 15 08.37	+01 12 56.13	5.81369	6.32058