

Target body name: (2014 JO25) {source: JPL#22}  
 Center body name: Earth (399) {source: DE431}

Date__(UT)__HR:MN	R.A.__(ICRF/J2000.0)_DEC	APmag	delta	deldot	S-O-T /r	S-T-O
2017-Apr-19 21:00	13 32 03.08 +39 58 40.3	10.69	0.01361509927497	16.9945988	128.4644 /T	50.9322
2017-Apr-19 21:15	13 30 29.80 +39 18 56.3	10.68	0.01371848281178	17.3738448	129.0867 /T	50.3107
2017-Apr-19 21:30	13 28 59.59 +38 39 42.9	10.68	0.01382412559229	17.7457094	129.6977 /T	49.7005
2017-Apr-19 21:45	13 27 32.32 +38 01 00.3	10.69	0.01393198315094	18.1101745	130.2976 /T	49.1014
2017-Apr-19 22:00	13 26 07.85 +37 22 48.9	10.69	0.01404201092920	18.4672272	130.8862 /T	48.5134
2017-Apr-19 22:15	13 24 46.08 +36 45 08.8	10.69	0.01415416430679	18.8168598	131.4637 /T	47.9366
2017-Apr-19 22:30	t 13 23 26.89 +36 08 00.1	10.69	0.01426839863205	19.1590695	132.0301 /T	47.3708
2017-Apr-19 22:45	13 22 10.18 +35 31 23.1	10.69	0.01438466925177	19.4938584	132.5855 /T	46.8159
2017-Apr-19 23:00	13 20 55.85 +34 55 17.7	10.70	0.01450293154080	19.8212337	133.1300 /T	46.2720
2017-Apr-19 23:15	13 19 43.80 +34 19 43.9	10.70	0.01462314093120	20.1412072	133.6636 /T	45.7388
2017-Apr-19 23:30	13 18 33.95 +33 44 41.8	10.70	0.01474525294127	20.4537957	134.1865 /T	45.2163
2017-Apr-19 23:45	13 17 26.22 +33 10 11.2	10.71	0.01486922320475	20.7590207	134.6988 /T	44.7044
2017-Apr-20 00:00	13 16 20.51 +32 36 12.0	10.71	0.01499500749987	21.0569086	135.2005 /T	44.2030
2017-Apr-20 00:15	13 15 16.77 +32 02 44.2	10.72	0.01512256177855	21.3474908	135.6918 /T	43.7120
2017-Apr-20 00:30	13 14 14.90 +31 29 47.4	10.72	0.01525184219598	21.6308034	136.1729 /T	43.2311
2017-Apr-20 00:45	13 13 14.86 +30 57 21.7	10.73	0.01538280514024	21.9068877	136.6438 /T	42.7604
2017-Apr-20 01:00	13 12 16.56 +30 25 26.6	10.73	0.01551540726222	22.1757898	137.1046 /T	42.2997
2017-Apr-20 01:15	m 13 11 19.95 +29 54 02.0	10.74	0.01564960550593	22.4375609	137.5556 /T	41.8488
2017-Apr-20 01:30	m 13 10 24.96 +29 23 07.6	10.75	0.01578535713903	22.6922574	137.9969 /T	41.4076
2017-Apr-20 01:45	m 13 09 31.54 +28 52 43.2	10.75	0.01592261978346	22.9399407	138.4286 /T	40.9759
2017-Apr-20 02:00	Am 13 08 39.64 +28 22 48.4	10.76	0.01606135144665	23.1806775	138.8508 /T	40.5536
2017-Apr-20 02:15	Am 13 07 49.20 +27 53 22.8	10.77	0.01620151055258	23.4145395	139.2637 /T	40.1406
2017-Apr-20 02:30	Am 13 07 00.16 +27 24 26.3	10.78	0.01634305597323	23.6416039	139.6675 /T	39.7367
2017-Apr-20 02:45	Nm 13 06 12.49 +26 55 58.3	10.79	0.01648594705987	23.8619530	140.0623 /T	39.3417
2017-Apr-20 03:00	Nm 13 05 26.13 +26 27 58.7	10.79	0.01663014367465	24.0756741	140.4483 /T	38.9555
2017-Apr-20 03:15	Nm 13 04 41.04 +26 00 26.9	10.80	0.01677560622192	24.2828602	140.8256 /T	38.5779
2017-Apr-20 03:30	Cm 13 03 57.17 +25 33 22.6	10.81	0.01692229567936	24.4836089	141.1943 /T	38.2088
2017-Apr-20 03:45	Cm 13 03 14.48 +25 06 45.4	10.82	0.01707017362908	24.6780234	141.5547 /T	37.8480
2017-Apr-20 04:00	*m 13 02 32.93 +24 40 34.9	10.83	0.01721920228817	24.8662118	141.9069 /T	37.4954
2017-Apr-20 04:15	*m 13 01 52.48 +24 14 50.8	10.84	0.01736934453882	25.0482869	142.2511 /T	37.1508
2017-Apr-20 04:30	*m 13 01 13.10 +23 49 32.6	10.85	0.01752056395803	25.2243668	142.5873 /T	36.8141
2017-Apr-20 04:45	*m 13 00 34.73 +23 24 39.9	10.86	0.01767282484651	25.3945741	142.9158 /T	36.4850
2017-Apr-20 05:00	*m 12 59 57.36 +23 00 12.3	10.87	0.01782609225681	25.5590361	143.2368 /T	36.1635
2017-Apr-20 21:00	12 37 25.67 +06 46 52.2	11.64	0.02880872719646	30.6136446	153.3855 /T	25.8983
2017-Apr-20 21:15	12 37 12.59 +06 37 37.2	11.66	0.02899306752912	30.6721729	153.4437 /T	25.8372
2017-Apr-20 21:30	12 36 59.66 +06 28 29.1	11.67	0.02917775830784	30.7301491	153.5001 /T	25.7778
2017-Apr-20 21:45	t 12 36 46.91 +06 19 27.8	11.68	0.02936279599601	30.7875501	153.5549 /T	25.7199
2017-Apr-20 22:00	12 36 34.32 +06 10 33.2	11.69	0.02954817662073	30.8441565	153.6082 /T	25.6635
2017-Apr-20 22:15	12 36 21.91 +06 01 45.1	11.71	0.02973389576961	30.9000416	153.6600 /T	25.6087
2017-Apr-20 22:30	12 36 09.66 +05 53 03.5	11.72	0.02991994858995	30.9550835	153.7102 /T	25.5553
2017-Apr-20 22:45	12 35 57.58 +05 44 28.2	11.73	0.03010632979039	31.0092094	153.7591 /T	25.5033
2017-Apr-20 23:00	12 35 45.67 +05 35 59.2	11.74	0.03029303364519	31.0623478	153.8066 /T	25.4526
2017-Apr-20 23:15	12 35 33.93 +05 27 36.4	11.76	0.03048005400077	31.1144281	153.8527 /T	25.4033
2017-Apr-20 23:30	12 35 22.36 +05 19 19.5	11.77	0.03066738428465	31.1653816	153.8975 /T	25.3552
2017-Apr-20 23:45	12 35 10.96 +05 11 08.7	11.78	0.03085501751664	31.2151416	153.9411 /T	25.3083
2017-Apr-21 00:00	12 34 59.73 +05 03 03.7	11.79	0.03104294632250	31.2636437	153.9835 /T	25.2627
2017-Apr-21 00:15	12 34 48.67 +04 55 04.5	11.80	0.03123116294946	31.3108266	154.0246 /T	25.2182
2017-Apr-21 00:30	12 34 37.78 +04 47 10.9	11.82	0.03141965928404	31.3566318	154.0647 /T	25.1748
2017-Apr-21 00:45	12 34 27.06 +04 39 23.0	11.83	0.03160842687161	31.4010044	154.1036 /T	25.1325
2017-Apr-21 01:00	12 34 16.50 +04 31 40.5	11.84	0.03179745693812	31.4438932	154.1415 /T	25.0912
2017-Apr-21 01:15	12 34 06.12 +04 24 03.5	11.85	0.03198674041338	31.4852509	154.1784 /T	25.0509
2017-Apr-21 01:30	12 33 55.90 +04 16 31.8	11.86	0.03217626795591	31.5250347	154.2142 /T	25.0117
2017-Apr-21 01:45	m 12 33 45.85 +04 09 05.3	11.88	0.03236602997960	31.5632061	154.2491 /T	24.9733
2017-Apr-21 02:00	Am 12 33 35.96 +04 01 44.1	11.89	0.03255601668145	31.5997315	154.2831 /T	24.9359
2017-Apr-21 02:15	Am 12 33 26.24 +03 54 27.9	11.90	0.03274621807074	31.6345821	154.3161 /T	24.8994
2017-Apr-21 02:30	Am 12 33 16.67 +03 47 16.7	11.91	0.03293662399912	31.6677344	154.3483 /T	24.8637
2017-Apr-21 02:45	Nm 12 33 07.27 +03 40 10.4	11.92	0.03312722419199	31.6991699	154.3796 /T	24.8289
2017-Apr-21 03:00	Nm 12 32 58.02 +03 33 09.1	11.94	0.03331800828031	31.7288758	154.4100 /T	24.7949
2017-Apr-21 03:15	Nm 12 32 48.93 +03 26 12.5	11.95	0.03350896583332	31.7568443	154.4397 /T	24.7617
2017-Apr-21 03:30	Cm 12 32 40.00 +03 19 20.6	11.96	0.03370008639161	31.7830737	154.4686 /T	24.7292
2017-Apr-21 03:45	Cm 12 32 31.21 +03 12 33.3	11.97	0.03389135950077	31.8075674	154.4967 /T	24.6975
2017-Apr-21 04:00	*s 12 32 22.58 +03 05 50.6	11.98	0.03408277474501	31.8303348	154.5241 /T	24.6665
2017-Apr-21 04:15	*m 12 32 14.08 +02 59 12.4	11.99	0.03427432178084	31.8513906	154.5508 /T	24.6363
2017-Apr-21 04:30	*m 12 32 05.74 +02 52 38.7	12.01	0.03446599037085	31.8707553	154.5767 /T	24.6067
2017-Apr-21 04:45	*m 12 31 57.53 +02 46 09.2	12.02	0.03465777041703	31.8884548	154.6020 /T	24.5778
2017-Apr-21 05:00	*m 12 31 49.46 +02 39 44.1	12.03	0.03484965199374	31.9045204	154.6266 /T	24.5495