

Object	Date	Local Time	Quadrant Azimuth	Quadrant Altitude	Location	Latitude	RA	Dec	RA	Dec
Jupiter 1	7/6/2024	3:45	65.5	4.6	Broomfield	39.931	4:31:15	21:10:12	4.52	21.17
Jupiter 2	7/16/2024	3:49	71.1	12.7	Broomfield	39.931	4:30:03	22:32:46	4.5	32.07
Jupiter 3	7/22/2024	3:32	71.1	13.5	Broomfield	39.931	4:02:57	23:23:51	4.05	23.4
Jupiter 4	7/28/2024	3:44	74	21.8	Broomfield	39.931	4:39:05	1:45:34	4.65	1.76
Jupiter 5	8/2/2024	4:21	83.1	27.3	Broomfield	39.931	5:05:31	22:05:55	5.09	22.1
Jupiter 6	8/14/2024	2:56	75.9	20.9	Broomfield	39.931	4:54:42	23:47:44	4.91	23.8
Jupiter 7	8/20/2024	2:29	75.1	19.3	Broomfield	39.931	5:00:52	23:28:01	5.01	23.47
Jupiter 8	8/27/2024	2:11	77.1	19.7	Broomfield	39.931	5:06:12	22:10:49	5.1	22.18
Jupiter 9	9/4/2024	2:16	81.5	25.9	Broomfield	39.931	5:08:45	22:28:30	5.15	22.48
Jupiter 10	9/6/2024	4:58	114.5	58.7	Broomfield	39.931	5:07:55	22:31:33	5.13	22.53
Jupiter 11	9/8/2024	5:12	118.7	62.5	Broomfield	39.931	5:08:34	23:31:31	5.14	23.53
Jupiter 12	9/12/2024	3:13	93.4	39.9	Broomfield	39.931	5:25:12	22:07:55	5.42	22.13
Jupiter 13	9/16/2024	2:27	89.3	36	Broomfield	39.931	5:11:38	22:37:48	5.19	22.63
Jupiter 14	9/18/2024	1:58	85.2	31.7	Broomfield	39.931	5:17:11	23:04:02	5.29	23.07
Jupiter 15	9/23/2024	1:40	84.8	31.8	Broomfield	39.931	5:19:19	23:24:20	5.32	23.41
Jupiter 16	9/27/2024	0:28	71.5	14.8	OTSP	36.981	4:57:20	23:29:55	4.96	23.5
Jupiter 17	9/29/2024	1:00	74	17.5	OTSP	36.981	5:21:43	23:00:35	5.36	23.01
Jupiter 18	10/2/2024	0:00	64.8	7.3	OTSP	36.981	5:32:26	24:26:39	5.54	24.44
Jupiter 19	10/6/2024	2:02	96.8	43.8	Broomfield	39.931	5:26:33	22:14:55	5.44	22.25
Jupiter 20	10/10/2024	1:41	96.3	43.5	Broomfield	39.931	5:23:13	22:22:35	5.39	22.38
Jupiter 21	10/14/2024	1:41	90.1	37.5	Broomfield	39.931	5:11:48	22:55:46	5.12	22.93
Jupiter 22	10/16/2024	1:21	87.3	34.5	Broomfield	39.931	5:15:57	23:09:25	5.27	23.16
Jupiter 23	10/21/2024	22:44	74.9	19.1	Broomfield	39.931	5:24:50	23:30:06	5.41	23.5
Jupiter 24	10/23/2024	22:17	74.3	15.5	Broomfield	39.931	5:19:38	21:48:25	5.33	21.81
Jupiter 25	10/26/2024	22:23	77.5	19.3	Broomfield	39.931	5:16:49	21:38:22	5.28	21.64
Jupiter 26	10/28/2024	21:43	73.8	12.5	Broomfield	39.931	5:16:42	20:21:08	5.28	20.35
Jupiter 27	10/31/2024	21:37	72.5	15.5	Broomfield	39.931	5:15:37	23:11:12	5.26	23.19
Jupiter 28	11/2/2024	22:41	84.5	27.5	Broomfield	39.931	5:17:27	21:11:36	5.29	21.19
Jupiter 29	11/4/2024	20:16	72.7	13.5	Broomfield	39.931	5:16:41	21:48:46	5.28	21.81
Jupiter 30	11/9/2024	21:23	85.1	30	Broomfield	39.931	5:16:31	22:14:29	5.28	22.24
Jupiter 31	12/6/2024	18:27	77.8	14.5	Broomfield	39.931	5:17:15	18:31:01	5.29	18.52
Jupiter 32	12/13/2024	17:20	80.5	13.3	Broomfield	39.931	4:34:52	15:42:46	4.58	15.7

Jupiter Retrograde 2024

10/9/2024 - 2/4/25

Opposition 12/7/24

Mars over Jupiter 0.3 degrees away

