

Object	Date	Local Time	Quadrant Azimuth	Quadrant Altitude	Location	Latitude	RA	Dec	RA	Dec
Venus 1	9/18/2024	19:13	247.5	12.3	Broomfield	39.931	13:42:44	-8:37:47	13.7	-8.63
Venus 2	9/22/2024	19:09	246.5	8.8	Broomfield	39.931	13:47:4	-11:46:24	13.78	-11.77
Venus 3	9/24/2024	18:57	242.9	10.3	Broomfield	39.931	13:57:32	-13:14:18	13.96	-13.24
Venus 4	9/26/2024	19:38	238.8	13.3	OTSP	36.981	14:12:44	-15:19:38	14.21	-15.33
Venus 5	9/28/2024	19:35	244.1	12.5	OTSP	36.981	14:0:31	-12:8:58	14.01	-12.15
Venus 6	9/30/2024	19:31	241.9	13.3	OTSP	36.981	14:12:48	-13:10:0	14.21	-13.17
Venus 7	10/1/2024	19:44	245.9	13	OTSP	36.981	14:18:3	-10:30:58	14.3	-10.52
Venus 8	10/7/2024	18:45	234.5	9.3	Broomfield	39.931	14:25:17	-20:44:34	14.42	-20.74
Venus 9	10/10/2024	18:56	237.1	7.9	Broomfield	39.931	14:9:46	-18:55:51	14.16	-18.93
Venus 10	10/13/2024	18:23	231.1	11.3	Broomfield	39.931	14:16:55	-20:16:30	14.28	-20.28
Venus 11	10/15/2024	18:20	229.9	13.3	Broomfield	39.931	14:31:1	-19:27:31	14.52	-19.46
Venus 12	10/19/2024	18:31	228.8	11.5	Broomfield	39.931	15:56:48	-21:32:11	15.95	-21.54
Venus 13	10/21/2024	18:27	227.5	12.8	Broomfield	39.931	16:8:25	-21:17:23	16.14	-21.29
Venus 14	10/22/2024	18:28	228.5	12	Broomfield	39.931	16:7:57	-21:19:31	16.13	-21.33
Venus 15	10/23/2024	18:03	222.8	15.3	Broomfield	39.931	16:14:26	-21:55:42	16.24	-21.93
Venus 16	10/26/2024	10:07	221.1	14.8	Broomfield	39.931	16:35:18	-23:15:21	16.59	-23.26
Venus 17	10/29/2024	18:14	225.9	13.8	Broomfield	39.931	16:34:51	-21:25:21	16.58	-21.42
Venus 18	10/31/2024	17:59	222.8	15.8	Broomfield	39.931	16:43:17	-21:28:51	16.72	-21.48
Venus 19	11/7/2024	16:51	214.3	16.5	Broomfield	39.931	17:34:44	-25:9:51	17.28	-25.16
Venus 20	11/10/2024	16:46	215.9	16.1	Broomfield	39.931	17:34:46	-24:46:0	17.58	-24.77
Venus 21	11/11/2024	17:10	223	14.8	Broomfield	39.931	17:34:46	-22:13:57	17.58	-22.23
Venus 22	11/13/2024	16:32	209.3	19.1	Broomfield	39.931	18:3:15	-24:57:43	18.05	-24.96
Venus 23	11/15/2024	16:59	218.1	16.9	Broomfield	39.931	18:1:18	-23:0:41	18.02	-23.01
Venus 24	11/17/2024	16:32	210.1	19.3	Broomfield	39.931	18:17:23	-24:27:52	18.29	-24.46
Venus 25	11/19/2024	16:55	211	17.5	Broomfield	39.931	18:40:30	-25:43:17	18.66	-25.72
Venus 26	11/20/2024	16:29	208.5	20.3	Broomfield	39.931	18:33:1	-24:10:24	18.55	-24.17
Venus 27	11/22/2024	16:30	206.5	20.5	Broomfield	39.931	18:49:51	-24:43:5	18.83	-24.72
Venus 28	11/25/2024	16:21	207.9	20.8	Broomfield	39.931	18:47:50	-23:56:14	18.8	-23.94
Venus 29	11/27/2024	16:24	204.8	21.3	Broomfield	39.931	19:32:1	-24:33:13	19.53	-24.55
Venus 30	11/29/2024	17:17	217.3	16.8	Broomfield	39.931	19:17:11	-23:29:18	19.27	-23.49
Venus 31	12/6/2023	17:07	211.9	19.8	Broomfield	39.931	20:00:38	-23:16:51	20.01	-23.28
Venus 32	12/8/2024	16:24	201.9	25.3	Broomfield	39.931	20:11:24	-21:39:34	20.19	-21.66
Venus 33	12/11/2024	17:10	211.1	22.8	Broomfield	39.931	20:31:52	-20:53:54	20.53	-20.9
Venus 34	12/13/2024	17:14	220	22.1	Broomfield	39.931	20:11:37	-17:37:57	20.2	-17.63

