

June 01, 2021 12:00:00 PM MDT

Object	Right ascens	Declination	Earth distance	Sun distance
Sun	04h 39m 29.2s	+22° 08' 49"	0	0
Mercury	05h 35m 51.4s	+22° 45' 51"	88,594,920	68,375,371
Venus	05h 55m 27.6s	+24° 20' 51"	241,878,006	107,509,618
Mars	07h 44m 18.0s	+22° 39' 16"	337,521,455	247,961,969
Ceres	02h 35m 19.1s	+08° 19' 06"	550,520,164	430,841,868
Jupiter	22h 15m 47.5s	-11° 43' 04"	714,298,498	755,067,991
Saturn	21h 04m 26.3s	-17° 24' 40"	1,413,021,150	1,490,208,791
Uranus	02h 40m 34.1s	+15° 11' 27"	3,086,700,382	2,954,867,501
Neptune	23h 36m 12.5s	-03° 46' 47"	4,504,704,658	4,476,599,901
Pluto	19h 55m 25.7s	-22° 18' 25"	5,021,953,489	5,130,116,241
Moon	22h 29m 49.3s	-15° 30' 13"	387,087	0

(Distances in km)

Object	Rise:	Tran	Set:	Phase	Constl	Magnitud
Sun	05:34	12:58	20:22	0.00%	Tau	unknown
Mercury	06:30	13:54	21:16	6.71%	Tau	3.0
Venus	06:42	14:14	21:46	95.23%	Tau	-3.9
Mars	08:39	16:02	23:26	95.52%	Gem	1.7
Ceres	04:25	10:55	17:25	99.50%	Cet	9.3
Jupiter	01:12	06:35	11:58	99.01%	Aqr	-2.5
Saturn	00:21	05:24	10:26	99.80%	Cap	0.6
Uranus	04:05	10:59	17:53	99.98%	Ari	5.9
Neptune	02:06	07:55	13:45	99.97%	Aqr	7.9
Pluto	23:26	04:14	08:57	99.99%	Sgr	14.3
Moon	01:30	06:42	12:02	56.33%	Aqr	unknown

Meteor Radiant Report

Name	Month/Day	RA	Decl	Hourly Rate
Tau Herculids	06/03	15.2	39.0	15
Chi Scorpiids	06/05	16.5	-13.0	10
Daytime Arietids	06/07	2.9	23.0	50
Daytime Zeta Perseids	06/07	4.1	23.0	40
Librids	06/08	15.2	-28.3	10
Sagittariids	06/11	20.3	-35.0	30
Theta Ophiuchids	06/13	17.8	-28.0	2
June Lyrids	06/16	18.5	35.0	9
Corvids	06/26	12.8	-19.1	13
Draconids	06/28	16.9	56.0	5
June Bootids	06/28	14.6	49.0	6
Daytime Beta Taurids	06/29	5.7	19.0	25

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Date	Moonrise	Moonset	Sunrise	Sunset	Begin Twilight	End Twilight
6/1/21	01:30	12:02	05:35	20:21	03:37	22:19
6/2/21	01:59	13:06	05:34	20:22	03:37	22:20
6/3/21	02:25	14:07	05:34	20:23	03:36	22:21
6/4/21	02:48	15:07	05:34	20:23	03:35	22:22
6/5/21	03:11	16:06	05:33	20:24	03:35	22:23
6/6/21	03:34	17:05	05:33	20:25	03:34	22:24
6/7/21	03:59	18:04	05:33	20:25	03:33	22:25
6/8/21	04:26	19:04	05:33	20:26	03:33	22:26
6/9/21	04:58	20:03	05:33	20:26	03:33	22:27
6/10/21	05:36	21:01	05:32	20:27	03:32	22:27
6/11/21	06:19	21:55	05:32	20:27	03:32	22:28
6/12/21	07:10	22:44	05:32	20:28	03:32	22:29
6/13/21	08:07	23:28	05:32	20:28	03:31	22:29
6/14/21	09:09	-----	05:32	20:29	03:31	22:30
6/15/21	10:14	00:04	05:32	20:29	03:31	22:30
6/16/21	11:20	00:37	05:32	20:29	03:31	22:31
6/17/21	12:27	01:06	05:32	20:30	03:31	22:31
6/18/21	13:35	01:34	05:33	20:30	03:31	22:31
6/19/21	14:45	02:00	05:33	20:30	03:31	22:32
6/20/21	15:58	02:28	05:33	20:30	03:31	22:32
6/21/21	17:14	02:59	05:33	20:31	03:32	22:32
6/22/21	18:32	03:36	05:33	20:31	03:32	22:32
6/23/21	19:48	04:19	05:34	20:31	03:32	22:32
6/24/21	20:58	05:12	05:34	20:31	03:32	22:32
6/25/21	21:59	06:14	05:34	20:31	03:33	22:32
6/26/21	22:47	07:23	05:35	20:31	03:33	22:32
6/27/21	23:27	08:35	05:35	20:31	03:34	22:32
6/28/21	23:59	09:45	05:35	20:31	03:34	22:32
6/29/21	-----	10:52	05:36	20:31	03:35	22:32
6/30/21	00:27	11:56	05:36	20:31	03:36	22:31

'-----' means the event does not occur on this date.