

March 01, 2024 12:00:00 PM MST

Object	Right ascens	Declination	Earth distance	Sun distance
Sun	22h 52m 25.2s	-07° 10' 59"	0	0
Mercury	23h 02m 55.4s	-07° 52' 10"	202,782,086	55,134,614
Venus	21h 20m 36.1s	-16° 17' 53"	225,485,549	108,848,085
Mars	21h 05m 16.0s	-17° 47' 09"	330,137,396	211,362,382
Ceres	18h 33m 09.0s	-23° 02' 21"	463,753,399	420,370,017
Jupiter	02h 37m 14.0s	+14° 23' 56"	811,183,981	747,598,054
Saturn	22h 48m 39.2s	-09° 19' 02"	1,602,306,048	1,454,185,238
Uranus	03h 08m 55.8s	+17° 21' 39"	2,985,189,553	2,932,670,437
Neptune	23h 50m 04.7s	-02° 24' 01"	4,616,241,745	4,473,296,560
Pluto	20h 16m 35.0s	-22° 40' 42"	5,342,397,528	5,230,604,582
Moon	15h 04m 47.3s	-21° 03' 40"	395,829	0

(Distances in km)

Object	Rise:	Tran	Set:	Phase	Constl	Magnitud
Sun	06:32	12:12	17:53	0.00%	Aqr	unknown
Mercury	06:46	12:23	18:01	99.60%	Aqr	-1.7
Venus	05:33	10:40	15:48	91.46%	Cap	-3.9
Mars	05:24	10:25	15:26	97.18%	Cap	1.3
Ceres	03:15	07:55	12:35	99.50%	Sgr	9.0
Jupiter	09:05	15:56	22:48	99.26%	Ari	-2.2
Saturn	06:38	12:08	17:39	100.00%	Aqr	1.0
Uranus	09:26	16:28	23:30	99.95%	Ari	5.8
Neptune	07:16	13:10	19:04	100.00%	Psc	8.0
Pluto	04:54	09:35	14:16	99.99%	Cap	14.5
Moon	00:08	04:12	09:10	68.44%	Lib	unknown

Meteor Radiant Report

Name	Month/Day	RA	Decl	Hourly Rate
Corona Australids	03/16	18.3	-42.0	8
Virginids	03/26	12.4	0.0	6

Equinox/Solstice Report

Vernal equinox: 3/19/24 8:07 PM STD
Summer solstice: 6/20/24 1:52 PM STD
Autumnal equinox: 9/22/24 5:44 AM STD
Winter solstice: 12/21/24 2:21 AM STD

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Date	Moonrise	Moonset	Sunrise	Sunset	Begin Twilight	End Twilight
3/1/24	-----	09:10	06:32	17:53	05:03	19:23
3/2/24	00:13	09:42	06:30	17:54	05:01	19:24
3/3/24	01:20	10:21	06:29	17:55	05:00	19:25
3/4/24	02:25	11:12	06:27	17:56	04:58	19:26
3/5/24	03:27	12:14	06:26	17:57	04:57	19:27
3/6/24	04:20	13:27	06:24	17:58	04:55	19:28
3/7/24	05:04	14:46	06:23	17:59	04:53	19:29
3/8/24	05:41	16:06	06:21	18:00	04:52	19:30
3/9/24	06:12	17:27	06:20	18:01	04:50	19:31
3/10/24	06:39	18:45	06:18	18:02	04:49	19:32
3/11/24	08:05	21:02	07:17	19:03	05:47	20:33
3/12/24	08:31	22:19	07:15	19:04	05:46	20:34
3/13/24	09:00	23:36	07:14	19:06	05:44	20:35
3/14/24	09:33	-----	07:12	19:07	05:42	20:36
3/15/24	10:11	00:50	07:11	19:08	05:41	20:37
3/16/24	10:56	02:01	07:09	19:09	05:39	20:39
3/17/24	11:50	03:03	07:07	19:10	05:37	20:40
3/18/24	12:49	03:56	07:06	19:11	05:36	20:41
3/19/24	13:52	04:39	07:04	19:12	05:34	20:42
3/20/24	14:55	05:15	07:02	19:13	05:32	20:43
3/21/24	15:58	05:44	07:01	19:14	05:30	20:44
3/22/24	16:59	06:07	06:59	19:15	05:29	20:45
3/23/24	17:59	06:29	06:58	19:16	05:27	20:47
3/24/24	18:58	06:48	06:56	19:17	05:25	20:48
3/25/24	19:57	07:08	06:54	19:18	05:23	20:49
3/26/24	20:57	07:28	06:53	19:19	05:22	20:50
3/27/24	22:00	07:49	06:51	19:20	05:20	20:51
3/28/24	23:05	08:13	06:49	19:21	05:18	20:53
3/29/24	-----	08:43	06:48	19:22	05:16	20:54
3/30/24	00:11	09:20	06:46	19:23	05:14	20:55
3/31/24	01:17	10:05	06:45	19:24	05:13	20:56

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