

March 01, 2021 12:00:00 PM MST

Object	Right ascens	Declination	Earth distance	Sun distance
Sun	22h 51m 24.4s	-07° 17' 08"	0	0
Mercury	21h 08m 09.6s	-16° 05' 21"	130,358,662	66,712,734
Venus	22h 30m 30.8s	-10° 50' 09"	255,074,717	108,918,003
Mars	03h 44m 15.4s	+21° 15' 39"	220,507,195	236,955,170
Ceres	00h 23m 12.1s	-05° 48' 30"	571,463,866	438,321,761
Jupiter	21h 17m 41.8s	-16° 21' 17"	891,588,475	759,344,497
Saturn	20h 44m 25.0s	-18° 34' 14"	1,614,943,457	1,492,590,736
Uranus	02h 21m 39.1s	+13° 39' 20"	3,036,566,385	2,956,704,412
Neptune	23h 25m 58.4s	-04° 49' 51"	4,623,228,332	4,476,843,800
Pluto	19h 53m 13.3s	-22° 12' 24"	5,224,047,213	5,121,006,755
Moon	12h 58m 08.5s	-02° 14' 22"	365,537	0

(Distances in km)

Object	Rise:	Tran	Set:	Phase	Constl	Magnitud
Sun	06:32	12:12	17:53	0.00%	Aqr	unknown
Mercury	05:21	10:29	15:37	48.46%	Cap	0.3
Venus	06:25	11:51	17:19	99.45%	Aqr	-3.9
Mars	09:47	17:05	00:24	89.61%	Tau	0.9
Ceres	08:02	13:45	19:28	99.50%	Psc	9.3
Jupiter	05:32	10:39	15:45	99.83%	Cap	-2.0
Saturn	05:07	10:05	15:03	99.93%	Cap	0.7
Uranus	08:54	15:42	22:30	99.96%	Ari	5.8
Neptune	07:01	12:47	18:33	100.00%	Aqr	8.0
Pluto	04:30	09:13	13:57	99.99%	Sgr	14.4
Moon	20:50	02:00	08:10	91.85%	Vir	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

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Date	Moonrise	Moonset	Sunrise	Sunset	Begin Twilight	End Twilight
3/1/21	20:52	08:10	06:32	17:53	05:03	19:22
3/2/21	22:05	08:39	06:31	17:54	05:02	19:23
3/3/21	23:19	09:11	06:29	17:55	05:00	19:24
3/4/21	-----	09:45	06:28	17:56	04:59	19:25
3/5/21	00:32	10:25	06:26	17:57	04:57	19:26
3/6/21	01:43	11:13	06:25	17:58	04:56	19:28
3/7/21	02:49	12:07	06:23	17:59	04:54	19:29
3/8/21	03:47	13:08	06:21	18:00	04:52	19:30
3/9/21	04:35	14:13	06:20	18:01	04:51	19:31
3/10/21	05:16	15:19	06:18	18:02	04:49	19:32
3/11/21	05:51	16:24	06:17	18:03	04:48	19:33
3/12/21	06:19	17:28	06:15	18:04	04:46	19:34
3/13/21	06:45	18:29	06:14	18:05	04:44	19:35
3/14/21	07:10	19:29	06:12	18:06	04:43	19:36
3/15/21	08:33	21:29	07:11	19:07	05:41	20:37
3/16/21	08:57	22:27	07:09	19:08	05:40	20:38
3/17/21	09:22	23:27	07:08	19:09	05:38	20:39
3/18/21	09:50	-----	07:06	19:10	05:36	20:40
3/19/21	10:22	00:26	07:04	19:11	05:35	20:41
3/20/21	11:00	01:26	07:03	19:13	05:33	20:43
3/21/21	11:44	02:23	07:01	19:14	05:31	20:44
3/22/21	12:36	03:18	07:00	19:15	05:30	20:45
3/23/21	13:36	04:08	06:58	19:16	05:28	20:46
3/24/21	14:40	04:52	06:56	19:17	05:26	20:47
3/25/21	15:50	05:32	06:55	19:18	05:24	20:48
3/26/21	17:02	06:06	06:53	19:19	05:22	20:49
3/27/21	18:15	06:38	06:52	19:20	05:21	20:51
3/28/21	19:30	07:08	06:50	19:21	05:19	20:52
3/29/21	20:45	07:37	06:48	19:22	05:17	20:53
3/30/21	22:01	08:08	06:47	19:23	05:15	20:54
3/31/21	23:18	08:42	06:45	19:24	05:13	20:56

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