

Station: Mussorie

Location: Longitude : 78.08 E Latitude : 30.45 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2020/12/27	15-18	4-30	7-13	17-25
2020/12/28	15-58	5-27	7-14	17-26
2020/12/29	16-45	6-23	7-14	17-26
2020/12/30	17-37	7-20	7-14	17-27
2020/12/31	18-34	8-13	7-15	17-28
2021/ 1/ 1	19-36	9- 2	7-15	17-28
2021/ 1/ 2	20-38	9-46	7-15	17-29
2021/ 1/ 3	21-41	10-26	7-15	17-30
2021/ 1/ 4	22-44	11- 2	7-15	17-30
2021/ 1/ 5	23-47	11-37	7-16	17-31
2021/ 1/ 6	-----	12-10	7-16	17-32
2021/ 1/ 7	0-50	12-45	7-16	17-33
2021/ 1/ 8	1-55	13-22	7-16	17-34
2021/ 1/ 9	3- 2	14- 3	7-16	17-34
2021/ 1/10	4-10	14-49	7-16	17-35
2021/ 1/11	5-19	15-43	7-16	17-36
2021/ 1/12	6-24	16-41	7-16	17-37
2021/ 1/13	7-24	17-45	7-16	17-38
2021/ 1/14	8-16	18-49	7-16	17-39
2021/ 1/15	9- 1	19-52	7-15	17-39
2021/ 1/16	9-39	20-52	7-15	17-40
2021/ 1/17	10-13	21-50	7-15	17-41
2021/ 1/18	10-43	22-44	7-15	17-42
2021/ 1/19	11-12	23-38	7-15	17-43
2021/ 1/20	11-41	-----	7-14	17-44
2021/ 1/21	12- 9	0-31	7-14	17-45
2021/ 1/22	12-40	1-25	7-14	17-46
2021/ 1/23	13-15	2-19	7-13	17-46
2021/ 1/24	13-53	3-15	7-13	17-47
2021/ 1/25	14-36	4-12	7-13	17-48
2021/ 1/26	15-26	5- 8	7-12	17-49
2021/ 1/27	16-22	6- 3	7-12	17-50
2021/ 1/28	17-23	6-54	7-11	17-51
2021/ 1/29	18-26	7-42	7-11	17-52
2021/ 1/30	19-32	8-24	7-10	17-53
2021/ 1/31	20-36	9- 2	7- 9	17-53
2021/ 2/ 1	21-40	9-38	7- 9	17-54
2021/ 2/ 2	22-44	10-12	7- 8	17-55
2021/ 2/ 3	23-49	10-46	7- 8	17-56
2021/ 2/ 4	-----	11-23	7- 7	17-57
2021/ 2/ 5	0-54	12- 1	7- 6	17-58
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2021/ 2/ 7	3- 7	13-34	7- 5	17-59
2021/ 2/ 8	4-12	14-29	7- 4	18- 0
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2021/ 2/11	6-53	17-36	7- 2	18- 3
2021/ 2/12	7-34	18-37	7- 1	18- 3
2021/ 2/13	8- 9	19-36	7- 0	18- 4
2021/ 2/14	8-41	20-33	6-59	18- 5
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2021/ 2/18	10-38	-----	6-55	18- 8
2021/ 2/19	11-11	0- 9	6-54	18- 9

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2021/ 2/21	12-28	2- 0	6-52	18-10
2021/ 2/22	13-15	2-56	6-51	18-11
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2021/ 4/13	6-39	19-53	5-53	18-44
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2021/ 7/16	11-19	23-37	5-27	19-21
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2021/ 7/18	13-26	0-10	5-28	19-20
2021/ 7/19	14-33	0-47	5-28	19-20
2021/ 7/20	15-43	1-28	5-29	19-19
2021/ 7/21	16-53	2-15	5-29	19-19
2021/ 7/22	18- 0	3-11	5-30	19-18
2021/ 7/23	19- 0	4-13	5-31	19-18
2021/ 7/24	19-53	5-20	5-31	19-17
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2021/ 7/30	23-17	11-28	5-35	19-13
2021/ 7/31	23-47	12-22	5-36	19-13
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2021/ 8/ 9	6- 6	19-58	5-41	19- 5
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2021/ 8/23	19-46	6-20	5-49	18-51
2021/ 8/24	20-17	7-21	5-50	18-50

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2021/ 8/26	21-16	9-16	5-51	18-48
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2021/ 8/28	22-16	11- 7	5-52	18-45
2021/ 8/29	22-50	12- 2	5-53	18-44
2021/ 8/30	23-28	12-58	5-53	18-43
2021/ 8/31	-----	13-53	5-54	18-42
2021/ 9/ 1	0-10	14-48	5-54	18-40
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2021/ 9/ 7	5-58	19- 6	5-58	18-33
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2021/10/11	11-33	21-47	6-17	17-51
2021/10/12	12-38	22-47	6-18	17-50
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2021/10/14	14-26	-----	6-19	17-48
2021/10/15	15- 9	0-56	6-20	17-47
2021/10/16	15-46	1-59	6-20	17-46
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2021/10/18	16-48	3-59	6-22	17-44
2021/10/19	17-17	4-56	6-22	17-43
2021/10/20	17-46	5-52	6-23	17-42
2021/10/21	18-15	6-47	6-24	17-41
2021/10/22	18-46	7-43	6-24	17-40
2021/10/23	19-21	8-39	6-25	17-39
2021/10/24	20- 0	9-35	6-26	17-38
2021/10/25	20-43	10-30	6-27	17-37

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2021/10/27	22-24	12-15	6-28	17-35
2021/10/28	23-22	13- 1	6-29	17-34
2021/10/29	-----	13-44	6-30	17-33
2021/10/30	0-21	14-22	6-30	17-32
2021/10/31	1-22	14-57	6-31	17-31
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2021/11/ 3	4-31	16-37	6-33	17-29
2021/11/ 4	5-39	17-14	6-34	17-28
2021/11/ 5	6-49	17-54	6-35	17-27
2021/11/ 6	8- 2	18-41	6-36	17-27
2021/11/ 7	9-15	19-35	6-37	17-26
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2021/11/10	12-23	22-47	6-39	17-24
2021/11/11	13-10	23-53	6-40	17-23
2021/11/12	13-49	-----	6-41	17-23
2021/11/13	14-22	0-55	6-42	17-22
2021/11/14	14-52	1-54	6-42	17-22
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2021/11/21	18-40	8-24	6-48	17-19
2021/11/22	19-27	9-19	6-49	17-18
2021/11/23	20-18	10-10	6-50	17-18
2021/11/24	21-13	10-58	6-51	17-18
2021/11/25	22-10	11-41	6-52	17-17
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2021/11/30	2-11	14-32	6-56	17-17
2021/12/ 1	3-15	15- 6	6-57	17-17
2021/12/ 2	4-22	15-44	6-58	17-17
2021/12/ 3	5-34	16-26	6-58	17-17
2021/12/ 4	6-47	17-17	6-59	17-17
2021/12/ 5	8- 1	18-15	7- 0	17-17
2021/12/ 6	9-11	19-21	7- 1	17-17
2021/12/ 7	10-12	20-30	7- 1	17-17
2021/12/ 8	11- 4	21-39	7- 2	17-17
2021/12/ 9	11-47	22-45	7- 3	17-17
2021/12/10	12-23	23-47	7- 4	17-17
2021/12/11	12-55	-----	7- 4	17-18
2021/12/12	13-25	0-45	7- 5	17-18
2021/12/13	13-53	1-42	7- 6	17-18
2021/12/14	14-20	2-36	7- 6	17-18
2021/12/15	14-50	3-31	7- 7	17-19
2021/12/16	15-22	4-26	7- 8	17-19
2021/12/17	15-58	5-22	7- 8	17-20
2021/12/18	16-38	6-18	7- 9	17-20
2021/12/19	17-23	7-13	7- 9	17-20
2021/12/20	18-13	8- 6	7-10	17-21
2021/12/21	19- 8	8-55	7-11	17-21
2021/12/22	20- 4	9-40	7-11	17-22
2021/12/23	21- 3	10-20	7-11	17-22
2021/12/24	22- 1	10-56	7-12	17-23
2021/12/25	23- 0	11-29	7-12	17-24
2021/12/26	23-59	12- 0	7-13	17-24

2021/12/27	-----	12-31	7-13	17-25
2021/12/28	1- 0	13- 2	7-14	17-25
2021/12/29	2- 3	13-37	7-14	17-26
2021/12/30	3-10	14-15	7-14	17-27
2021/12/31	4-20	15- 0	7-14	17-27

all times in local time (= UT + 5.5h)