

Station: Machilipatnam

Location: Longitude : 81.15 E Latitude : 16.20 N

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

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

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

2021/12/27	-----	12-17	6-31	17-42
2021/12/28	0-43	12-56	6-32	17-42
2021/12/29	1-39	13-39	6-32	17-43
2021/12/30	2-38	14-24	6-32	17-44
2021/12/31	3-41	15-17	6-33	17-44

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