

Location: Machilipatnam

Longitude : 81.15 E Latitude : 16.20 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2023/12/20	12-31	0- 3	6-27	17-38
2023/12/21	13-10	0-58	6-28	17-38
2023/12/22	13-50	1-54	6-29	17-39
2023/12/23	14-32	2-50	6-29	17-39
2023/12/24	15-19	3-48	6-29	17-40
2023/12/25	16- 8	4-47	6-30	17-41
2023/12/26	17- 3	5-46	6-30	17-41
2023/12/27	17-59	6-43	6-31	17-42
2023/12/28	18-55	7-37	6-31	17-42
2023/12/29	19-50	8-25	6-32	17-43
2023/12/30	20-42	9- 8	6-32	17-43
2023/12/31	21-32	9-47	6-33	17-44
2024/ 1/ 1	22-19	10-22	6-33	17-44
2024/ 1/ 2	23- 5	10-56	6-33	17-45
2024/ 1/ 3	23-51	11-28	6-34	17-46
2024/ 1/ 4	-----	12- 0	6-34	17-46
2024/ 1/ 5	0-38	12-34	6-34	17-47
2024/ 1/ 6	1-27	13-11	6-35	17-47
2024/ 1/ 7	2-20	13-53	6-35	17-48
2024/ 1/ 8	3-17	14-40	6-35	17-49
2024/ 1/ 9	4-17	15-36	6-35	17-49
2024/ 1/10	5-21	16-37	6-36	17-50
2024/ 1/11	6-24	17-43	6-36	17-50
2024/ 1/12	7-24	18-50	6-36	17-51
2024/ 1/13	8-17	19-55	6-36	17-52
2024/ 1/14	9- 6	20-58	6-36	17-52
2024/ 1/15	9-49	21-57	6-36	17-53
2024/ 1/16	10-30	22-54	6-37	17-53
2024/ 1/17	11-10	23-50	6-37	17-54
2024/ 1/18	11-50	-----	6-37	17-54
2024/ 1/19	12-31	0-46	6-37	17-55
2024/ 1/20	13-16	1-43	6-37	17-56
2024/ 1/21	14- 4	2-41	6-37	17-56
2024/ 1/22	14-56	3-39	6-37	17-57
2024/ 1/23	15-51	4-36	6-37	17-57
2024/ 1/24	16-46	5-31	6-37	17-58
2024/ 1/25	17-42	6-20	6-37	17-58
2024/ 1/26	18-35	7- 5	6-37	17-59
2024/ 1/27	19-26	7-45	6-37	17-59
2024/ 1/28	20-13	8-21	6-36	18- 0

2024/ 1/29	21- 0	8-55	6-36	18- 0
2024/ 1/30	21-46	9-28	6-36	18- 1
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2024/ 2/ 1	23-19	10-32	6-36	18- 2
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2024/ 2/ 3	0- 9	11-46	6-35	18- 3
2024/ 2/ 4	1- 3	12-29	6-35	18- 3
2024/ 2/ 5	2- 0	13-19	6-35	18- 4
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2024/ 2/10	6-53	18-38	6-33	18- 6
2024/ 2/11	7-40	19-41	6-33	18- 6
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2024/ 2/21	15-37	4-17	6-28	18-10
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2024/ 3/11	6-55	19-22	6-16	18-15
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2024/ 4/24	18-46	5-44	5-45	18-22
2024/ 4/25	19-40	6-22	5-44	18-23
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2024/ 4/29	23-29	9-45	5-42	18-24

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2024/ 5/25	20-25	6-41	5-33	18-32
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2024/ 6/16	13-43	1- 7	5-34	18-39
2024/ 6/17	14-31	1-40	5-34	18-39
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2024/ 6/27	23-17	10-34	5-36	18-41
2024/ 6/28	23-56	11-31	5-36	18-41
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2024/ 6/30	0-35	13-24	5-37	18-41
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2024/ 7/ 3	2-51	16-24	5-38	18-42
2024/ 7/ 4	3-45	17-26	5-38	18-42
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2024/ 7/11	10- 4	22-33	5-40	18-42
2024/ 7/12	10-50	23- 5	5-41	18-42
2024/ 7/13	11-37	23-38	5-41	18-41
2024/ 7/14	12-23	-----	5-41	18-41
2024/ 7/15	13-12	0-12	5-42	18-41
2024/ 7/16	14- 4	0-49	5-42	18-41
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2024/ 7/26	22-35	10-22	5-45	18-39
2024/ 7/27	23-17	11-19	5-45	18-38
2024/ 7/28	-----	12-17	5-46	18-38
2024/ 7/29	0- 0	13-17	5-46	18-38
2024/ 7/30	0-47	14-17	5-46	18-37

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2024/ 8/ 1	2-34	16-17	5-47	18-37
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2024/ 8/ 3	4-30	18- 1	5-47	18-36
2024/ 8/ 4	5-27	18-45	5-48	18-35
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2024/ 8/ 8	8-45	21- 5	5-48	18-33
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2024/ 8/11	11- 5	22-45	5-49	18-32
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2024/ 8/14	13-45	0- 9	5-50	18-30
2024/ 8/15	14-43	0-59	5-50	18-30
2024/ 8/16	15-43	1-56	5-50	18-29
2024/ 8/17	16-40	2-58	5-50	18-28
2024/ 8/18	17-33	4- 2	5-51	18-28
2024/ 8/19	18-22	5- 7	5-51	18-27
2024/ 8/20	19- 7	6-10	5-51	18-26
2024/ 8/21	19-50	7-11	5-51	18-26
2024/ 8/22	20-31	8-10	5-51	18-25
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2024/ 8/24	21-57	10- 9	5-51	18-24
2024/ 8/25	22-44	11-10	5-52	18-23
2024/ 8/26	23-35	12-12	5-52	18-22
2024/ 8/27	-----	13-13	5-52	18-22
2024/ 8/28	0-30	14-13	5-52	18-21
2024/ 8/29	1-27	15- 8	5-52	18-20
2024/ 8/30	2-25	15-59	5-52	18-19
2024/ 8/31	3-21	16-44	5-52	18-19
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2024/ 9/ 3	5-55	18-34	5-53	18-16
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2024/ 9/27	1-17	14-43	5-55	17-57
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2024/10/ 5	7-45	19-22	5-56	17-51
2024/10/ 6	8-35	20- 2	5-56	17-51
2024/10/ 7	9-29	20-46	5-56	17-50
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2024/10/11	13- 9	-----	5-57	17-47
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2024/10/16	16-53	4-31	5-58	17-44
2024/10/17	17-37	5-33	5-58	17-43
2024/10/18	18-23	6-35	5-58	17-43
2024/10/19	19-14	7-40	5-59	17-42
2024/10/20	20- 9	8-46	5-59	17-41
2024/10/21	21- 9	9-52	5-59	17-41
2024/10/22	22- 9	10-54	5-59	17-40
2024/10/23	23- 9	11-50	6- 0	17-40
2024/10/24	-----	12-40	6- 0	17-39
2024/10/25	0- 5	13-24	6- 0	17-39
2024/10/26	0-59	14- 2	6- 1	17-38
2024/10/27	1-49	14-37	6- 1	17-38
2024/10/28	2-36	15-10	6- 1	17-37
2024/10/29	3-22	15-42	6- 2	17-37
2024/10/30	4- 7	16-13	6- 2	17-36

2024/10/31	4-54	16-47	6- 2	17-36
2024/11/ 1	5-42	17-22	6- 3	17-35
2024/11/ 2	6-31	18- 1	6- 3	17-35
2024/11/ 3	7-24	18-44	6- 3	17-35
2024/11/ 4	8-19	19-33	6- 4	17-34
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2024/11/ 6	10-11	21-23	6- 5	17-34
2024/11/ 7	11- 4	22-22	6- 5	17-33
2024/11/ 8	11-54	23-21	6- 5	17-33
2024/11/ 9	12-40	-----	6- 6	17-33
2024/11/10	13-23	0-20	6- 6	17-32
2024/11/11	14- 4	1-18	6- 7	17-32
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2024/11/18	19-52	8-35	6-10	17-31
2024/11/19	20-54	9-36	6-11	17-31
2024/11/20	21-54	10-30	6-11	17-31
2024/11/21	22-50	11-18	6-12	17-31
2024/11/22	23-43	12- 0	6-12	17-31
2024/11/23	-----	12-36	6-13	17-31
2024/11/24	0-31	13-10	6-13	17-31
2024/11/25	1-18	13-43	6-14	17-31
2024/11/26	2- 3	14-14	6-14	17-31
2024/11/27	2-49	14-47	6-15	17-31
2024/11/28	3-37	15-22	6-16	17-31
2024/11/29	4-25	15-59	6-16	17-31
2024/11/30	5-18	16-41	6-17	17-32
2024/12/ 1	6-12	17-29	6-17	17-32
2024/12/ 2	7- 9	18-21	6-18	17-32
2024/12/ 3	8- 6	19-18	6-18	17-32
2024/12/ 4	9- 1	20-17	6-19	17-32
2024/12/ 5	9-52	21-17	6-20	17-33
2024/12/ 6	10-38	22-15	6-20	17-33
2024/12/ 7	11-22	23-12	6-21	17-33
2024/12/ 8	12- 2	-----	6-21	17-34
2024/12/ 9	12-41	0- 7	6-22	17-34
2024/12/10	13-21	1- 3	6-22	17-34
2024/12/11	14- 2	2- 0	6-23	17-35
2024/12/12	14-46	2-59	6-24	17-35
2024/12/13	15-36	4- 2	6-24	17-35
2024/12/14	16-31	5- 7	6-25	17-36
2024/12/15	17-32	6-13	6-25	17-36

2024/12/16	18-34	7-17	6-26	17-37
2024/12/17	19-37	8-16	6-26	17-37
2024/12/18	20-36	9- 8	6-27	17-37
2024/12/19	21-32	9-53	6-27	17-38
2024/12/20	22-23	10-32	6-28	17-38
2024/12/21	23-11	11- 8	6-28	17-39
2024/12/22	23-58	11-41	6-29	17-39
2024/12/23	-----	12-13	6-29	17-40
2024/12/24	0-43	12-45	6-30	17-40
2024/12/25	1-30	13-19	6-30	17-41
2024/12/26	2-18	13-56	6-31	17-41
2024/12/27	3- 9	14-36	6-31	17-42
2024/12/28	4- 2	15-21	6-32	17-43
2024/12/29	4-59	16-12	6-32	17-43
2024/12/30	5-56	17- 8	6-32	17-44
2024/12/31	6-53	18- 8	6-33	17-44
2025/ 1/ 1	7-46	19- 9	6-33	17-45
2025/ 1/ 2	8-35	20- 9	6-34	17-45
2025/ 1/ 3	9-21	21- 7	6-34	17-46
2025/ 1/ 4	10- 2	22- 4	6-34	17-47
2025/ 1/ 5	10-42	22-59	6-35	17-47
2025/ 1/ 6	11-21	23-55	6-35	17-48
2025/ 1/ 7	12- 0	-----	6-35	17-48
2025/ 1/ 8	12-42	0-52	6-35	17-49
2025/ 1/ 9	13-29	1-51	6-36	17-50
2025/ 1/10	14-20	2-53	6-36	17-50
2025/ 1/11	15-17	3-58	6-36	17-51
2025/ 1/12	16-18	5- 1	6-36	17-51
2025/ 1/13	17-20	6- 1	6-36	17-52
2025/ 1/14	18-21	6-56	6-36	17-53
2025/ 1/15	19-18	7-44	6-37	17-53
2025/ 1/16	20-12	8-26	6-37	17-54
2025/ 1/17	21- 2	9- 4	6-37	17-54
2025/ 1/18	21-50	9-38	6-37	17-55
2025/ 1/19	22-36	10-11	6-37	17-55
2025/ 1/20	23-23	10-43	6-37	17-56
2025/ 1/21	-----	11-16	6-37	17-57
2025/ 1/22	0- 9	11-51	6-37	17-57

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