

Station: Tirupati

Location: Longitude : 79.58 E Latitude : 13.67 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2017/12/27	12-55	0-33	6-33	17-53
2017/12/28	13-40	1-26	6-33	17-53
2017/12/29	14-27	2-21	6-34	17-54
2017/12/30	15-20	3-20	6-34	17-54
2017/12/31	16-16	4-22	6-34	17-55
2018/ 1/ 1	17-18	5-26	6-35	17-55
2018/ 1/ 2	18-21	6-30	6-35	17-56
2018/ 1/ 3	19-26	7-33	6-36	17-57
2018/ 1/ 4	20-28	8-31	6-36	17-57
2018/ 1/ 5	21-29	9-26	6-36	17-58
2018/ 1/ 6	22-25	10-15	6-37	17-58
2018/ 1/ 7	23-19	11- 0	6-37	17-59
2018/ 1/ 8	-----	11-43	6-37	17-59
2018/ 1/ 9	0- 9	12-24	6-37	18- 0
2018/ 1/10	0-59	13- 5	6-38	18- 0
2018/ 1/11	1-48	13-46	6-38	18- 1
2018/ 1/12	2-36	14-28	6-38	18- 2
2018/ 1/13	3-26	15-12	6-38	18- 2
2018/ 1/14	4-14	15-57	6-39	18- 3
2018/ 1/15	5- 3	16-44	6-39	18- 3
2018/ 1/16	5-51	17-32	6-39	18- 4
2018/ 1/17	6-38	18-21	6-39	18- 4
2018/ 1/18	7-24	19-11	6-39	18- 5
2018/ 1/19	8- 8	20- 0	6-39	18- 5
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2018/ 1/21	9-32	21-39	6-39	18- 6
2018/ 1/22	10-12	22-28	6-39	18- 7
2018/ 1/23	10-53	23-19	6-39	18- 7
2018/ 1/24	11-36	-----	6-39	18- 8
2018/ 1/25	12-20	0-12	6-39	18- 8
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2018/ 1/29	15-59	4- 8	6-39	18-10
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2018/ 2/ 2	20- 8	8- 1	6-38	18-12
2018/ 2/ 3	21- 5	8-50	6-38	18-12
2018/ 2/ 4	21-59	9-36	6-38	18-13
2018/ 2/ 5	22-51	10-19	6-38	18-13
2018/ 2/ 6	23-42	11- 1	6-38	18-14
2018/ 2/ 7	-----	11-43	6-37	18-14
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2018/ 2/11	2-58	14-39	6-36	18-15
2018/ 2/12	3-47	15-28	6-36	18-16
2018/ 2/13	4-34	16-16	6-35	18-16
2018/ 2/14	5-21	17- 6	6-35	18-16
2018/ 2/15	6- 5	17-56	6-35	18-17
2018/ 2/16	6-48	18-46	6-34	18-17
2018/ 2/17	7-31	19-36	6-34	18-17
2018/ 2/18	8-12	20-26	6-33	18-17
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2018/ 2/21	10-19	23- 2	6-32	18-18
2018/ 2/22	11- 5	23-58	6-32	18-18
2018/ 2/23	11-54	-----	6-31	18-19
2018/ 2/24	12-47	0-55	6-31	18-19
2018/ 2/25	13-45	1-55	6-30	18-19
2018/ 2/26	14-44	2-55	6-30	18-19
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2018/ 2/28	16-49	4-52	6-28	18-20
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2018/ 3/23	10-43	23-50	6-14	18-23
2018/ 3/24	11-39	-----	6-13	18-23
2018/ 3/25	12-36	0-49	6-13	18-23
2018/ 3/26	13-36	1-47	6-12	18-23
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2018/ 4/17	6-57	19-45	5-58	18-25
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2018/ 4/21	10-31	23-43	5-55	18-25
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2018/ 5/28	17-37	4-44	5-44	18-34
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2018/ 5/30	19-18	6-13	5-43	18-35
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2018/ 6/21	13- 1	0-38	5-46	18-41
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2018/ 6/24	15-33	2-44	5-46	18-42
2018/ 6/25	16-23	3-27	5-47	18-42
2018/ 6/26	17-14	4-10	5-47	18-42
2018/ 6/27	18- 4	4-56	5-47	18-42
2018/ 6/28	18-53	5-44	5-47	18-43
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2018/ 7/ 5	23-52	11-24	5-49	18-43
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2018/ 7/ 7	0-32	13- 4	5-50	18-43
2018/ 7/ 8	1-15	13-57	5-50	18-43
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2018/ 7/10	2-51	15-54	5-51	18-43
2018/ 7/11	3-46	16-57	5-51	18-43
2018/ 7/12	4-46	18- 1	5-51	18-43
2018/ 7/13	5-50	19- 3	5-51	18-43
2018/ 7/14	6-55	20- 3	5-52	18-43
2018/ 7/15	7-59	20-57	5-52	18-43
2018/ 7/16	9- 0	21-48	5-52	18-43
2018/ 7/17	9-59	22-34	5-53	18-43
2018/ 7/18	10-54	23-19	5-53	18-43
2018/ 7/19	11-47	-----	5-53	18-43
2018/ 7/20	12-39	0- 1	5-53	18-43
2018/ 7/21	13-30	0-43	5-54	18-42
2018/ 7/22	14-20	1-26	5-54	18-42
2018/ 7/23	15-10	2- 9	5-54	18-42
2018/ 7/24	16- 0	2-54	5-54	18-42
2018/ 7/25	16-49	3-41	5-55	18-42
2018/ 7/26	17-38	4-29	5-55	18-41
2018/ 7/27	18-24	5-18	5-55	18-41
2018/ 7/28	19- 9	6- 7	5-55	18-41
2018/ 7/29	19-52	6-56	5-56	18-41
2018/ 7/30	20-32	7-44	5-56	18-40
2018/ 7/31	21-12	8-32	5-56	18-40
2018/ 8/ 1	21-52	9-20	5-56	18-40
2018/ 8/ 2	22-31	10- 8	5-57	18-39
2018/ 8/ 3	23-12	10-58	5-57	18-39
2018/ 8/ 4	23-55	11-49	5-57	18-38
2018/ 8/ 5	-----	12-42	5-57	18-38
2018/ 8/ 6	0-41	13-39	5-57	18-38
2018/ 8/ 7	1-33	14-39	5-58	18-37
2018/ 8/ 8	2-28	15-41	5-58	18-37
2018/ 8/ 9	3-29	16-43	5-58	18-36
2018/ 8/10	4-32	17-44	5-58	18-36
2018/ 8/11	5-38	18-41	5-58	18-35
2018/ 8/12	6-41	19-35	5-58	18-35
2018/ 8/13	7-43	20-24	5-58	18-34

2018/ 8/14	8-41	21-11	5-59	18-34
2018/ 8/15	9-37	21-56	5-59	18-33
2018/ 8/16	10-30	22-39	5-59	18-33
2018/ 8/17	11-23	23-23	5-59	18-32
2018/ 8/18	12-14	-----	5-59	18-32
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2018/ 8/20	13-56	0-51	5-59	18-31
2018/ 8/21	14-45	1-38	5-59	18-30
2018/ 8/22	15-34	2-25	6- 0	18-29
2018/ 8/23	16-21	3-14	6- 0	18-29
2018/ 8/24	17- 7	4- 3	6- 0	18-28
2018/ 8/25	17-50	4-52	6- 0	18-28
2018/ 8/26	18-32	5-41	6- 0	18-27
2018/ 8/27	19-12	6-29	6- 0	18-26
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2018/ 8/29	20-31	8- 6	6- 0	18-25
2018/ 8/30	21-12	8-55	6- 0	18-24
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2018/ 9/10	6-23	19- 0	6- 1	18-17
2018/ 9/11	7-21	19-46	6- 1	18-16
2018/ 9/12	8-17	20-31	6- 1	18-15
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2018/ 9/14	10- 5	22- 0	6- 1	18-14
2018/ 9/15	10-57	22-45	6- 1	18-13
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2018/10/15	11-22	23- 1	6- 2	17-53
2018/10/16	12-11	23-50	6- 2	17-52
2018/10/17	12-58	-----	6- 3	17-52
2018/10/18	13-43	0-39	6- 3	17-51
2018/10/19	14-25	1-28	6- 3	17-50
2018/10/20	15- 7	2-17	6- 3	17-50
2018/10/21	15-47	3- 6	6- 3	17-49
2018/10/22	16-26	3-54	6- 3	17-49
2018/10/23	17- 7	4-44	6- 4	17-48
2018/10/24	17-49	5-35	6- 4	17-48
2018/10/25	18-32	6-26	6- 4	17-47
2018/10/26	19-20	7-21	6- 4	17-47
2018/10/27	20-10	8-18	6- 5	17-47
2018/10/28	21- 4	9-17	6- 5	17-46
2018/10/29	22- 2	10-16	6- 5	17-46
2018/10/30	23- 1	11-15	6- 5	17-45
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2018/11/ 2	1- 1	13-56	6- 6	17-44
2018/11/ 3	1-59	14-44	6- 7	17-44
2018/11/ 4	2-55	15-30	6- 7	17-44
2018/11/ 5	3-50	16-13	6- 7	17-43
2018/11/ 6	4-45	16-58	6- 8	17-43
2018/11/ 7	5-39	17-42	6- 8	17-43
2018/11/ 8	6-33	18-27	6- 8	17-43
2018/11/ 9	7-27	19-14	6- 9	17-42
2018/11/10	8-20	20- 2	6- 9	17-42
2018/11/11	9-12	20-51	6- 9	17-42
2018/11/12	10- 3	21-41	6-10	17-42
2018/11/13	10-51	22-31	6-10	17-42
2018/11/14	11-37	23-20	6-11	17-42
2018/11/15	12-20	-----	6-11	17-41
2018/11/16	13- 2	0- 9	6-11	17-41
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2018/11/28	22-56	11- 3	6-17	17-42
2018/11/29	23-55	11-55	6-18	17-42
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2018/12/12	10-16	22- 2	6-25	17-46
2018/12/13	10-58	22-50	6-25	17-46
2018/12/14	11-39	23-38	6-26	17-46
2018/12/15	12-17	-----	6-27	17-47
2018/12/16	12-56	0-24	6-27	17-47
2018/12/17	13-35	1-13	6-28	17-48
2018/12/18	14-15	2- 2	6-28	17-48
2018/12/19	14-59	2-53	6-29	17-49
2018/12/20	15-46	3-48	6-29	17-49
2018/12/21	16-38	4-46	6-30	17-49
2018/12/22	17-36	5-47	6-30	17-50
2018/12/23	18-37	6-50	6-31	17-50
2018/12/24	19-41	7-53	6-31	17-51
2018/12/25	20-44	8-53	6-32	17-52
2018/12/26	21-46	9-49	6-32	17-52
2018/12/27	22-45	10-40	6-33	17-53
2018/12/28	23-42	11-28	6-33	17-53
2018/12/29	-----	12-12	6-33	17-54
2018/12/30	0-36	12-55	6-34	17-54
2018/12/31	1-29	13-38	6-34	17-55

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