

Station: Panaji

Location: Longitude : 73.82 E Latitude : 15.48 N

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

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

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