

STATION:VELLANIKKARA

Longitude : 76.22 E Latitude : 10.52 N

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

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

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2024/ 4/15	11-57	0-14	6-14	18-36
2024/ 4/16	12-51	1- 6	6-14	18-36
2024/ 4/17	13-42	1-52	6-13	18-36
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2024/ 4/24	18-59	6-10	6-10	18-36
2024/ 4/25	19-50	6-51	6- 9	18-36
2024/ 4/26	20-44	7-37	6- 9	18-37
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2024/ 5/16	13-10	1-10	6- 3	18-40
2024/ 5/17	13-55	1-47	6- 3	18-40
2024/ 5/18	14-38	2-22	6- 3	18-40
2024/ 5/19	15-22	2-57	6- 3	18-41
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2024/ 5/26	21-31	8-13	6- 2	18-42
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2024/ 5/30	0- 7	12- 8	6- 2	18-43
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2024/ 6/ 7	6-29	19-46	6- 2	18-46

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

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

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

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