

Station: Hassan

Location: Longitude : 76.15 E Latitude : 13.00 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2016/12/28	5-44	17-31	6-46	18- 8
2016/12/29	6-33	18-19	6-46	18- 9
2016/12/30	7-23	19-11	6-47	18- 9
2016/12/31	8-11	20- 2	6-47	18-10
2017/ 1/ 1	8-59	20-54	6-48	18-10
2017/ 1/ 2	9-45	21-47	6-48	18-11
2017/ 1/ 3	10-30	22-39	6-48	18-11
2017/ 1/ 4	11-14	23-33	6-49	18-12
2017/ 1/ 5	11-59	-----	6-49	18-12
2017/ 1/ 6	12-45	0-26	6-49	18-13
2017/ 1/ 7	13-34	1-22	6-50	18-14
2017/ 1/ 8	14-24	2-20	6-50	18-14
2017/ 1/ 9	15-19	3-20	6-50	18-15
2017/ 1/10	16-16	4-21	6-50	18-15
2017/ 1/11	17-17	5-23	6-51	18-16
2017/ 1/12	18-17	6-23	6-51	18-16
2017/ 1/13	19-18	7-21	6-51	18-17
2017/ 1/14	20-15	8-14	6-51	18-17
2017/ 1/15	21-10	9- 3	6-51	18-18
2017/ 1/16	22- 2	9-49	6-52	18-19
2017/ 1/17	22-51	10-31	6-52	18-19
2017/ 1/18	23-40	11-13	6-52	18-20
2017/ 1/19	-----	11-52	6-52	18-20
2017/ 1/20	0-26	12-32	6-52	18-21
2017/ 1/21	1-14	13-13	6-52	18-21
2017/ 1/22	2- 1	13-54	6-52	18-22
2017/ 1/23	2-49	14-38	6-52	18-22
2017/ 1/24	3-38	15-25	6-52	18-23
2017/ 1/25	4-26	16-13	6-52	18-23
2017/ 1/26	5-16	17- 3	6-52	18-24
2017/ 1/27	6- 5	17-55	6-52	18-24
2017/ 1/28	6-54	18-48	6-52	18-24
2017/ 1/29	7-42	19-42	6-52	18-25
2017/ 1/30	8-28	20-35	6-52	18-25
2017/ 1/31	9-14	21-29	6-52	18-26
2017/ 2/ 1	9-59	22-23	6-52	18-26
2017/ 2/ 2	10-44	23-18	6-51	18-27
2017/ 2/ 3	11-32	-----	6-51	18-27
2017/ 2/ 4	12-20	0-14	6-51	18-27
2017/ 2/ 5	13-12	1-12	6-51	18-28
2017/ 2/ 6	14- 6	2-10	6-51	18-28
2017/ 2/ 7	15- 3	3-10	6-50	18-29
2017/ 2/ 8	16- 2	4- 9	6-50	18-29
2017/ 2/ 9	17- 1	5- 6	6-50	18-29
2017/ 2/10	17-59	6- 1	6-50	18-30
2017/ 2/11	18-55	6-52	6-49	18-30
2017/ 2/12	19-49	7-39	6-49	18-30
2017/ 2/13	20-40	8-23	6-49	18-30
2017/ 2/14	21-30	9- 6	6-48	18-31
2017/ 2/15	22-18	9-47	6-48	18-31
2017/ 2/16	23- 6	10-27	6-47	18-31
2017/ 2/17	23-53	11- 8	6-47	18-32
2017/ 2/18	-----	11-49	6-47	18-32
2017/ 2/19	0-41	12-32	6-46	18-32
2017/ 2/20	1-29	13-17	6-46	18-32
2017/ 2/21	2-18	14- 4	6-45	18-33
2017/ 2/22	3- 7	14-53	6-45	18-33
2017/ 2/23	3-56	15-45	6-44	18-33
2017/ 2/24	4-45	16-37	6-44	18-33
2017/ 2/25	5-34	17-31	6-43	18-33
2017/ 2/26	6-21	18-25	6-43	18-34
2017/ 2/27	7- 8	19-21	6-42	18-34
2017/ 2/28	7-54	20-16	6-42	18-34
2017/ 3/ 1	8-41	21-12	6-41	18-34

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

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

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

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

2017/12/11	0-48	13-18	6-37	18- 0
2017/12/12	1-39	13-59	6-38	18- 0
2017/12/13	2-28	14-39	6-38	18- 1
2017/12/14	3-16	15-20	6-39	18- 1
2017/12/15	4- 4	16- 1	6-39	18- 2
2017/12/16	4-53	16-44	6-40	18- 2
2017/12/17	5-42	17-29	6-40	18- 2
2017/12/18	6-31	18-15	6-41	18- 3
2017/12/19	7-20	19- 2	6-41	18- 3
2017/12/20	8- 7	19-51	6-42	18- 4
2017/12/21	8-54	20-40	6-42	18- 4
2017/12/22	9-39	21-29	6-43	18- 5
2017/12/23	10-22	22-18	6-43	18- 5
2017/12/24	11- 4	23- 7	6-44	18- 6
2017/12/25	11-45	23-56	6-44	18- 6
2017/12/26	12-27	-----	6-45	18- 7
2017/12/27	13-10	0-47	6-45	18- 7
2017/12/28	13-54	1-40	6-46	18- 8
2017/12/29	14-42	2-35	6-46	18- 8
2017/12/30	15-35	3-34	6-47	18- 9
2017/12/31	16-31	4-35	6-47	18-10

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