

Station: Champa

Location: Longitude : 82.70 E Latitude : 22.03 N

Date	Moonrise	Moonset	Sunrise	Sunset
	h. m.	h. m.	h. m.	h. m.
2016/12/28	19-21	5-49	19-38	6-25
2016/12/29	20-10	6-38	19-38	6-25
2016/12/30	20-57	7-30	19-38	6-26
2016/12/31	21-43	8-23	19-39	6-26
2017/ 1/ 1	22-26	9-17	19-39	6-27
2017/ 1/ 2	23- 9	10-12	19-39	6-28
2017/ 1/ 3	23-50	11- 8	19-39	6-28
2017/ 1/ 4	-----	12- 4	19-40	6-29
2017/ 1/ 5	0-32	13- 1	19-40	6-30
2017/ 1/ 6	1-15	14- 0	19-40	6-30
2017/ 1/ 7	1-59	15- 1	19-40	6-31
2017/ 1/ 8	2-47	16- 3	19-40	6-32
2017/ 1/ 9	3-40	17- 7	19-41	6-32
2017/ 1/10	4-35	18-10	19-41	6-33
2017/ 1/11	5-35	19-10	19-41	6-34
2017/ 1/12	6-36	20- 6	19-41	6-34
2017/ 1/13	7-38	20-58	19-41	6-35
2017/ 1/14	8-38	21-45	19-41	6-36
2017/ 1/15	9-36	22-27	19-41	6-37
2017/ 1/16	10-31	23- 7	19-41	6-37
2017/ 1/17	11-24	23-45	19-41	6-38
2017/ 1/18	12-14	-----	19-41	6-39
2017/ 1/19	13- 4	0-22	19-41	6-39
2017/ 1/20	13-54	0-59	19-41	6-40
2017/ 1/21	14-43	1-37	19-40	6-41
2017/ 1/22	15-34	2-16	19-40	6-41
2017/ 1/23	16-23	2-59	19-40	6-42
2017/ 1/24	17-14	3-44	19-40	6-43
2017/ 1/25	18- 3	4-31	19-40	6-44
2017/ 1/26	18-52	5-22	19-39	6-44
2017/ 1/27	19-39	6-15	19-39	6-45
2017/ 1/28	20-24	7-10	19-39	6-46
2017/ 1/29	21- 8	8- 6	19-39	6-46
2017/ 1/30	21-51	9- 2	19-38	6-47
2017/ 1/31	22-32	9-59	19-38	6-47
2017/ 2/ 1	23-15	10-57	19-37	6-48
2017/ 2/ 2	23-59	11-55	19-37	6-49
2017/ 2/ 3	-----	12-54	19-37	6-49
2017/ 2/ 4	0-44	13-55	19-36	6-50
2017/ 2/ 5	1-33	14-55	19-36	6-51
2017/ 2/ 6	2-26	15-56	19-35	6-51
2017/ 2/ 7	3-22	16-56	19-35	6-52
2017/ 2/ 8	4-20	17-53	19-34	6-52
2017/ 2/ 9	5-21	18-45	19-34	6-53
2017/ 2/10	6-21	19-34	19-33	6-54
2017/ 2/11	7-20	20-19	19-33	6-54
2017/ 2/12	8-16	21- 0	19-32	6-55
2017/ 2/13	9-11	21-40	19-31	6-55
2017/ 2/14	10- 3	22-18	19-31	6-56
2017/ 2/15	10-55	22-55	19-30	6-56
2017/ 2/16	11-45	23-33	19-29	6-57
2017/ 2/17	12-35	-----	19-29	6-57
2017/ 2/18	13-25	0-12	19-28	6-58
2017/ 2/19	14-15	0-53	19-27	6-58
2017/ 2/20	15- 5	1-37	19-27	6-59
2017/ 2/21	15-54	2-23	19-26	6-59
2017/ 2/22	16-43	3-12	19-25	7- 0
2017/ 2/23	17-31	4- 4	19-24	7- 0
2017/ 2/24	18-17	4-58	19-24	7- 1
2017/ 2/25	19- 2	5-54	19-23	7- 1
2017/ 2/26	19-46	6-51	19-22	7- 2
2017/ 2/27	20-29	7-50	19-21	7- 2
2017/ 2/28	21-13	8-48	19-21	7- 3
2017/ 3/ 1	21-57	9-48	19-20	7- 3

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

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

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

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

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

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