

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Tue 1 Jan	5:24 am	5:51 am	7:52 pm	8:20 pm	rises 0:42 am	sets 1:56 pm	
Wed 2 Jan	5:25 am	5:52 am	7:53 pm	8:20 pm	rises 1:10 am	sets 2:51 pm	
Thu 3 Jan	5:26 am	5:53 am	7:53 pm	8:20 pm	rises 1:42 am	sets 3:47 pm	
Fri 4 Jan	5:26 am	5:54 am	7:53 pm	8:20 pm	rises 2:17 am	sets 4:44 pm	
Sat 5 Jan	5:27 am	5:54 am	7:53 pm	8:20 pm	rises 2:58 am	sets 5:40 pm	
Sun 6 Jan	5:28 am	5:55 am	7:53 pm	8:20 pm	rises 3:44 am	sets 6:35 pm	
Mon 7 Jan	5:29 am	5:56 am	7:53 pm	8:20 pm	rises 4:37 am	sets 7:26 pm	
Tue 8 Jan	5:30 am	5:57 am	7:53 pm	8:20 pm	rises 5:35 am	sets 8:12 pm	new
Wed 9 Jan	5:30 am	5:57 am	7:54 pm	8:20 pm	rises 6:36 am	sets 8:52 pm	
Thu 10 Jan	5:31 am	5:58 am	7:54 pm	8:20 pm	rises 7:38 am	sets 9:29 pm	
Fri 11 Jan	5:32 am	5:59 am	7:53 pm	8:20 pm	rises 8:39 am	sets 10:01 pm	
Sat 12 Jan	5:33 am	6:00 am	7:53 pm	8:20 pm	rises 9:40 am	sets 10:32 pm	
Sun 13 Jan	5:34 am	6:01 am	7:53 pm	8:20 pm	rises 10:41 am	sets 11:02 pm	
Mon 14 Jan	5:35 am	6:02 am	7:53 pm	8:20 pm	rises 11:42 am	sets 11:33 pm	
Tue 15 Jan	5:36 am	6:02 am	7:53 pm	8:20 pm	rises 12:46 pm	---	1 <sup>st</sup> qtr
Wed 16 Jan	5:37 am	6:03 am	7:53 pm	8:20 pm	sets 0:07 am	rises 1:52 pm	
Thu 17 Jan	5:38 am	6:04 am	7:53 pm	8:19 pm	sets 0:45 am	rises 3:01 pm	
Fri 18 Jan	5:38 am	6:05 am	7:53 pm	8:19 pm	sets 1:30 am	rises 4:12 pm	
Sat 19 Jan	5:39 am	6:06 am	7:52 pm	8:19 pm	sets 2:23 am	rises 5:20 pm	
Sun 20 Jan	5:40 am	6:07 am	7:52 pm	8:18 pm	sets 3:24 am	rises 6:23 pm	
Mon 21 Jan	5:41 am	6:08 am	7:52 pm	8:18 pm	sets 4:31 am	rises 7:18 pm	
Tue 22 Jan	5:42 am	6:08 am	7:51 pm	8:18 pm	sets 5:41 am	rises 8:04 pm	full
Wed 23 Jan	5:43 am	6:09 am	7:51 pm	8:17 pm	sets 6:50 am	rises 8:43 pm	
Thu 24 Jan	5:44 am	6:10 am	7:51 pm	8:17 pm	sets 7:55 am	rises 9:16 pm	
Fri 25 Jan	5:45 am	6:11 am	7:50 pm	8:16 pm	sets 8:56 am	rises 9:46 pm	
Sat 26 Jan	5:46 am	6:12 am	7:50 pm	8:16 pm	sets 9:54 am	rises 10:14 pm	
Sun 27 Jan	5:47 am	6:13 am	7:49 pm	8:15 pm	sets 10:50 am	rises 10:41 pm	
Mon 28 Jan	5:48 am	6:14 am	7:49 pm	8:15 pm	sets 11:45 am	rises 11:10 pm	
Tue 29 Jan	5:49 am	6:15 am	7:48 pm	8:14 pm	sets 12:41 pm	rises 11:40 pm	
Wed 30 Jan	5:50 am	6:15 am	7:48 pm	8:14 pm	sets 1:36 pm	---	last qtr
Thu 31 Jan	5:51 am	6:16 am	7:47 pm	8:13 pm	rises 0:14 am	sets 2:33 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Fri 1 Feb	5:52 am	6:17 am	7:47 pm	8:12 pm	rises 0:52 am	sets 3:30 pm	
Sat 2 Feb	5:52 am	6:18 am	7:46 pm	8:12 pm	rises 1:36 am	sets 4:25 pm	
Sun 3 Feb	5:53 am	6:19 am	7:46 pm	8:11 pm	rises 2:27 am	sets 5:18 pm	
Mon 4 Feb	5:54 am	6:20 am	7:45 pm	8:10 pm	rises 3:23 am	sets 6:06 pm	
Tue 5 Feb	5:55 am	6:21 am	7:44 pm	8:10 pm	rises 4:23 am	sets 6:49 pm	
Wed 6 Feb	5:56 am	6:21 am	7:44 pm	8:09 pm	rises 5:25 am	sets 7:27 pm	
Thu 7 Feb	5:57 am	6:22 am	7:43 pm	8:08 pm	rises 6:28 am	sets 8:02 pm	new
Fri 8 Feb	5:58 am	6:23 am	7:42 pm	8:07 pm	rises 7:30 am	sets 8:34 pm	
Sat 9 Feb	5:59 am	6:24 am	7:41 pm	8:06 pm	rises 8:33 am	sets 9:05 pm	
Sun 10 Feb	6:00 am	6:25 am	7:41 pm	8:06 pm	rises 9:35 am	sets 9:36 pm	
Mon 11 Feb	6:01 am	6:26 am	7:40 pm	8:05 pm	rises 10:39 am	sets 10:09 pm	
Tue 12 Feb	6:01 am	6:26 am	7:39 pm	8:04 pm	rises 11:45 am	sets 10:45 pm	
Wed 13 Feb	6:02 am	6:27 am	7:38 pm	8:03 pm	rises 12:53 pm	sets 11:28 pm	
Thu 14 Feb	6:03 am	6:28 am	7:37 pm	8:02 pm	rises 2:02 pm	---	1 <sup>st</sup> qtr
Fri 15 Feb	6:04 am	6:29 am	7:36 pm	8:01 pm	sets 0:17 am	rises 3:10 pm	
Sat 16 Feb	6:05 am	6:30 am	7:35 pm	8:00 pm	sets 1:14 am	rises 4:13 pm	
Sun 17 Feb	6:06 am	6:30 am	7:35 pm	7:59 pm	sets 2:17 am	rises 5:10 pm	
Mon 18 Feb	6:07 am	6:31 am	7:34 pm	7:58 pm	sets 3:25 am	rises 5:58 pm	
Tue 19 Feb	6:07 am	6:32 am	7:33 pm	7:57 pm	sets 4:32 am	rises 6:38 pm	
Wed 20 Feb	6:08 am	6:33 am	7:32 pm	7:56 pm	sets 5:38 am	rises 7:13 pm	
Thu 21 Feb	6:09 am	6:34 am	7:31 pm	7:55 pm	sets 6:40 am	rises 7:44 pm	full
Fri 22 Feb	6:10 am	6:34 am	7:30 pm	7:54 pm	sets 7:39 am	rises 8:13 pm	
Sat 23 Feb	6:11 am	6:35 am	7:29 pm	7:53 pm	sets 8:37 am	rises 8:41 pm	
Sun 24 Feb	6:11 am	6:36 am	7:28 pm	7:52 pm	sets 9:33 am	rises 9:09 pm	
Mon 25 Feb	6:12 am	6:36 am	7:27 pm	7:51 pm	sets 10:29 am	rises 9:39 pm	
Tue 26 Feb	6:13 am	6:37 am	7:26 pm	7:50 pm	sets 11:25 am	rises 10:11 pm	
Wed 27 Feb	6:14 am	6:38 am	7:25 pm	7:49 pm	sets 12:22 pm	rises 10:48 pm	
Thu 28 Feb	6:14 am	6:39 am	7:24 pm	7:48 pm	sets 1:18 pm	rises 11:29 pm	
Fri 29 Feb	6:15 am	6:39 am	7:22 pm	7:47 pm	sets 2:14 pm	---	last qtr

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Sat 1 Mar	6:16 am	6:40 am	7:21 pm	7:46 pm	rises 0:16 am	sets 3:07 pm	
Sun 2 Mar	6:17 am	6:41 am	7:20 pm	7:44 pm	rises 1:09 am	sets 3:57 pm	
Mon 3 Mar	6:17 am	6:41 am	7:19 pm	7:43 pm	rises 2:07 am	sets 4:42 pm	
Tue 4 Mar	6:18 am	6:42 am	7:18 pm	7:42 pm	rises 3:08 am	sets 5:22 pm	
Wed 5 Mar	6:19 am	6:43 am	7:17 pm	7:41 pm	rises 4:11 am	sets 5:58 pm	
Thu 6 Mar	6:19 am	6:43 am	7:16 pm	7:40 pm	rises 5:14 am	sets 6:31 pm	
Fri 7 Mar	6:20 am	6:44 am	7:15 pm	7:39 pm	rises 6:17 am	sets 7:03 pm	new
Sat 8 Mar	6:21 am	6:45 am	7:14 pm	7:38 pm	rises 7:21 am	sets 7:35 pm	
Sun 9 Mar	6:21 am	6:45 am	7:12 pm	7:36 pm	rises 8:26 am	sets 8:08 pm	
Mon 10 Mar	6:22 am	6:46 am	7:11 pm	7:35 pm	rises 9:33 am	sets 8:45 pm	
Tue 11 Mar	6:23 am	6:47 am	7:10 pm	7:34 pm	rises 10:42 am	sets 9:26 pm	
Wed 12 Mar	6:23 am	6:47 am	7:09 pm	7:33 pm	rises 11:53 am	sets 10:14 pm	
Thu 13 Mar	6:24 am	6:48 am	7:08 pm	7:32 pm	rises 1:02 pm	sets 11:09 pm	
Fri 14 Mar	6:25 am	6:49 am	7:07 pm	7:30 pm	rises 2:08 pm	---	1 <sup>st</sup> qtr
Sat 15 Mar	6:25 am	6:49 am	7:05 pm	7:29 pm	sets 0:10 am	rises 3:06 pm	
Sun 16 Mar	6:26 am	6:50 am	7:04 pm	7:28 pm	sets 1:16 am	rises 3:55 pm	
Mon 17 Mar	6:27 am	6:50 am	7:03 pm	7:27 pm	sets 2:23 am	rises 4:37 pm	
Tue 18 Mar	6:27 am	6:51 am	7:02 pm	7:26 pm	sets 3:27 am	rises 5:13 pm	
Wed 19 Mar	6:28 am	6:52 am	7:01 pm	7:24 pm	sets 4:29 am	rises 5:45 pm	
Thu 20 Mar	6:28 am	6:52 am	6:59 pm	7:23 pm	sets 5:29 am	rises 6:14 pm	
Fri 21 Mar	6:29 am	6:53 am	6:58 pm	7:22 pm	sets 6:26 am	rises 6:42 pm	full
Sat 22 Mar	6:30 am	6:53 am	6:57 pm	7:21 pm	sets 7:22 am	rises 7:10 pm	
Sun 23 Mar	6:30 am	6:54 am	6:56 pm	7:20 pm	sets 8:18 am	rises 7:39 pm	
Mon 24 Mar	6:31 am	6:55 am	6:55 pm	7:18 pm	sets 9:14 am	rises 8:10 pm	
Tue 25 Mar	6:31 am	6:55 am	6:53 pm	7:17 pm	sets 10:11 am	rises 8:45 pm	
Wed 26 Mar	6:32 am	6:56 am	6:52 pm	7:16 pm	sets 11:08 am	rises 9:25 pm	
Thu 27 Mar	6:33 am	6:56 am	6:51 pm	7:15 pm	sets 12:04 pm	rises 10:09 pm	
Fri 28 Mar	6:33 am	6:57 am	6:50 pm	7:14 pm	sets 12:58 pm	rises 11:00 pm	
Sat 29 Mar	6:34 am	6:58 am	6:49 pm	7:12 pm	sets 1:48 pm	rises 11:55 pm	last qtr
Sun 30 Mar	6:34 am	6:58 am	6:47 pm	7:11 pm	sets 2:34 pm	---	
Mon 31 Mar	6:35 am	6:59 am	6:46 pm	7:10 pm	rises 0:53 am	sets 3:16 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Tue 1 Apr	6:36 am	6:59 am	6:45 pm	7:09 pm	rises 1:54 am	sets 3:53 pm	
Wed 2 Apr	6:36 am	7:00 am	6:44 pm	7:08 pm	rises 2:55 am	sets 4:27 pm	
Thu 3 Apr	6:37 am	7:01 am	6:43 pm	7:07 pm	rises 3:58 am	sets 4:59 pm	
Fri 4 Apr	6:37 am	7:01 am	6:42 pm	7:05 pm	rises 5:01 am	sets 5:31 pm	
Sat 5 Apr	6:38 am	7:02 am	6:40 pm	7:04 pm	rises 6:06 am	sets 6:04 pm	
Sun 6 Apr	6:38 am	7:02 am	6:39 pm	7:03 pm	rises 7:13 am	sets 6:40 pm	new
Mon 7 Apr	6:39 am	7:03 am	6:38 pm	7:02 pm	rises 8:23 am	sets 7:20 pm	
Tue 8 Apr	6:40 am	7:03 am	6:37 pm	7:01 pm	rises 9:36 am	sets 8:06 pm	
Wed 9 Apr	6:40 am	7:04 am	6:36 pm	7:00 pm	rises 10:48 am	sets 9:01 pm	
Thu 10 Apr	6:41 am	7:05 am	6:35 pm	6:59 pm	rises 11:58 am	sets 10:02 pm	
Fri 11 Apr	6:41 am	7:05 am	6:34 pm	6:58 pm	rises 1:00 pm	sets 11:08 pm	
Sat 12 Apr	6:42 am	7:06 am	6:33 pm	6:57 pm	rises 1:53 pm	---	1 <sup>st</sup> qtr
Sun 13 Apr	6:42 am	7:06 am	6:31 pm	6:55 pm	sets 0:16 am	rises 2:37 pm	
Mon 14 Apr	6:43 am	7:07 am	6:30 pm	6:54 pm	sets 1:21 am	rises 3:15 pm	
Tue 15 Apr	6:44 am	7:08 am	6:29 pm	6:53 pm	sets 2:23 am	rises 3:47 pm	
Wed 16 Apr	6:44 am	7:08 am	6:28 pm	6:52 pm	sets 3:23 am	rises 4:17 pm	
Thu 17 Apr	6:45 am	7:09 am	6:27 pm	6:51 pm	sets 4:20 am	rises 4:45 pm	
Fri 18 Apr	6:45 am	7:09 am	6:26 pm	6:50 pm	sets 5:15 am	rises 5:12 pm	
Sat 19 Apr	6:46 am	7:10 am	6:25 pm	6:49 pm	sets 6:10 am	rises 5:41 pm	
Sun 20 Apr	6:46 am	7:11 am	6:24 pm	6:48 pm	sets 7:06 am	rises 6:11 pm	full
Mon 21 Apr	6:47 am	7:11 am	6:23 pm	6:47 pm	sets 8:02 am	rises 6:45 pm	
Tue 22 Apr	6:47 am	7:12 am	6:22 pm	6:46 pm	sets 8:59 am	rises 7:23 pm	
Wed 23 Apr	6:48 am	7:12 am	6:21 pm	6:45 pm	sets 9:56 am	rises 8:06 pm	
Thu 24 Apr	6:49 am	7:13 am	6:20 pm	6:45 pm	sets 10:51 am	rises 8:54 pm	
Fri 25 Apr	6:49 am	7:14 am	6:19 pm	6:44 pm	sets 11:42 am	rises 9:47 pm	
Sat 26 Apr	6:50 am	7:14 am	6:18 pm	6:43 pm	sets 12:29 pm	rises 10:43 pm	
Sun 27 Apr	6:50 am	7:15 am	6:17 pm	6:42 pm	sets 1:11 pm	rises 11:42 pm	
Mon 28 Apr	6:51 am	7:15 am	6:16 pm	6:41 pm	sets 1:49 pm	---	last qtr
Tue 29 Apr	6:51 am	7:16 am	6:15 pm	6:40 pm	rises 0:41 am	sets 2:24 pm	
Wed 30 Apr	6:52 am	7:17 am	6:15 pm	6:39 pm	rises 1:42 am	sets 2:56 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Thu 1 May	6:53 am	7:17 am	6:14 pm	6:38 pm	rises 2:42 am	sets 3:27 pm	
Fri 2 May	6:53 am	7:18 am	6:13 pm	6:38 pm	rises 3:45 am	sets 3:58 pm	
Sat 3 May	6:54 am	7:19 am	6:12 pm	6:37 pm	rises 4:50 am	sets 4:32 pm	
Sun 4 May	6:54 am	7:19 am	6:11 pm	6:36 pm	rises 5:58 am	sets 5:10 pm	
Mon 5 May	6:55 am	7:20 am	6:11 pm	6:35 pm	rises 7:10 am	sets 5:54 pm	new
Tue 6 May	6:56 am	7:20 am	6:10 pm	6:35 pm	rises 8:25 am	sets 6:46 pm	
Wed 7 May	6:56 am	7:21 am	6:09 pm	6:34 pm	rises 9:38 am	sets 7:47 pm	
Thu 8 May	6:57 am	7:22 am	6:08 pm	6:33 pm	rises 10:46 am	sets 8:54 pm	
Fri 9 May	6:57 am	7:22 am	6:08 pm	6:33 pm	rises 11:45 am	sets 10:03 pm	
Sat 10 May	6:58 am	7:23 am	6:07 pm	6:32 pm	rises 12:34 pm	sets 11:12 pm	
Sun 11 May	6:58 am	7:24 am	6:06 pm	6:31 pm	rises 1:15 pm	---	
Mon 12 May	6:59 am	7:24 am	6:06 pm	6:31 pm	sets 0:16 am	rises 1:49 pm	1 <sup>st</sup> qtr
Tue 13 May	7:00 am	7:25 am	6:05 pm	6:30 pm	sets 1:17 am	rises 2:20 pm	
Wed 14 May	7:00 am	7:25 am	6:04 pm	6:30 pm	sets 2:15 am	rises 2:48 pm	
Thu 15 May	7:01 am	7:26 am	6:04 pm	6:29 pm	sets 3:11 am	rises 3:16 pm	
Fri 16 May	7:01 am	7:27 am	6:03 pm	6:29 pm	sets 4:06 am	rises 3:44 pm	
Sat 17 May	7:02 am	7:27 am	6:03 pm	6:28 pm	sets 5:01 am	rises 4:13 pm	
Sun 18 May	7:02 am	7:28 am	6:02 pm	6:28 pm	sets 5:57 am	rises 4:46 pm	
Mon 19 May	7:03 am	7:28 am	6:02 pm	6:27 pm	sets 6:53 am	rises 5:22 pm	
Tue 20 May	7:04 am	7:29 am	6:01 pm	6:27 pm	sets 7:49 am	rises 6:04 pm	full
Wed 21 May	7:04 am	7:30 am	6:01 pm	6:26 pm	sets 8:45 am	rises 6:50 pm	
Thu 22 May	7:05 am	7:30 am	6:00 pm	6:26 pm	sets 9:38 am	rises 7:42 pm	
Fri 23 May	7:05 am	7:31 am	6:00 pm	6:25 pm	sets 10:26 am	rises 8:37 pm	
Sat 24 May	7:06 am	7:31 am	5:59 pm	6:25 pm	sets 11:09 am	rises 9:35 pm	
Sun 25 May	7:06 am	7:32 am	5:59 pm	6:25 pm	sets 11:48 am	rises 10:33 pm	
Mon 26 May	7:07 am	7:33 am	5:59 pm	6:24 pm	sets 12:23 pm	rises 11:32 pm	
Tue 27 May	7:07 am	7:33 am	5:58 pm	6:24 pm	sets 12:55 pm	---	
Wed 28 May	7:08 am	7:34 am	5:58 pm	6:24 pm	rises 0:31 am	sets 1:25 pm	last qtr
Thu 29 May	7:08 am	7:34 am	5:58 pm	6:24 pm	rises 1:30 am	sets 1:56 pm	
Fri 30 May	7:09 am	7:35 am	5:58 pm	6:23 pm	rises 2:32 am	sets 2:27 pm	
Sat 31 May	7:09 am	7:35 am	5:57 pm	6:23 pm	rises 3:36 am	sets 3:02 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Sun 1 Jun	7:10 am	7:36 am	5:57 pm	6:23 pm	rises 4:45 am	sets 3:42 pm	
Mon 2 Jun	7:10 am	7:36 am	5:57 pm	6:23 pm	rises 5:57 am	sets 4:29 pm	
Tue 3 Jun	7:11 am	7:37 am	5:57 pm	6:23 pm	rises 7:12 am	sets 5:26 pm	new
Wed 4 Jun	7:11 am	7:37 am	5:57 pm	6:23 pm	rises 8:24 am	sets 6:31 pm	
Thu 5 Jun	7:12 am	7:38 am	5:57 pm	6:23 pm	rises 9:29 am	sets 7:42 pm	
Fri 6 Jun	7:12 am	7:38 am	5:56 pm	6:23 pm	rises 10:24 am	sets 8:54 pm	
Sat 7 Jun	7:13 am	7:39 am	5:56 pm	6:23 pm	rises 11:10 am	sets 10:03 pm	
Sun 8 Jun	7:13 am	7:39 am	5:56 pm	6:23 pm	rises 11:48 am	sets 11:07 pm	
Mon 9 Jun	7:13 am	7:40 am	5:56 pm	6:22 pm	rises 12:21 pm	---	
Tue 10 Jun	7:14 am	7:40 am	5:56 pm	6:23 pm	sets 0:08 am	rises 12:50 pm	1 <sup>st</sup> qtr
Wed 11 Jun	7:14 am	7:40 am	5:56 pm	6:23 pm	sets 1:05 am	rises 1:18 pm	
Thu 12 Jun	7:14 am	7:41 am	5:56 pm	6:23 pm	sets 2:01 am	rises 1:46 pm	
Fri 13 Jun	7:15 am	7:41 am	5:56 pm	6:23 pm	sets 2:56 am	rises 2:15 pm	
Sat 14 Jun	7:15 am	7:41 am	5:57 pm	6:23 pm	sets 3:51 am	rises 2:47 pm	
Sun 15 Jun	7:16 am	7:42 am	5:57 pm	6:23 pm	sets 4:47 am	rises 3:22 pm	
Mon 16 Jun	7:16 am	7:42 am	5:57 pm	6:23 pm	sets 5:44 am	rises 4:02 pm	
Tue 17 Jun	7:16 am	7:42 am	5:57 pm	6:23 pm	sets 6:40 am	rises 4:47 pm	
Wed 18 Jun	7:16 am	7:43 am	5:57 pm	6:23 pm	sets 7:33 am	rises 5:37 pm	full
Thu 19 Jun	7:17 am	7:43 am	5:57 pm	6:24 pm	sets 8:23 am	rises 6:32 pm	
Fri 20 Jun	7:17 am	7:43 am	5:57 pm	6:24 pm	sets 9:08 am	rises 7:29 pm	
Sat 21 Jun	7:17 am	7:43 am	5:58 pm	6:24 pm	sets 9:49 am	rises 8:28 pm	
Sun 22 Jun	7:17 am	7:44 am	5:58 pm	6:24 pm	sets 10:24 am	rises 9:26 pm	
Mon 23 Jun	7:17 am	7:44 am	5:58 pm	6:24 pm	sets 10:57 am	rises 10:24 pm	
Tue 24 Jun	7:18 am	7:44 am	5:58 pm	6:25 pm	sets 11:27 am	rises 11:23 pm	
Wed 25 Jun	7:18 am	7:44 am	5:59 pm	6:25 pm	sets 11:57 am	---	
Thu 26 Jun	7:18 am	7:44 am	5:59 pm	6:25 pm	rises 0:22 am	sets 12:27 pm	last qtr
Fri 27 Jun	7:18 am	7:44 am	5:59 pm	6:26 pm	rises 1:23 am	sets 12:59 pm	
Sat 28 Jun	7:18 am	7:44 am	6:00 pm	6:26 pm	rises 2:28 am	sets 1:35 pm	
Sun 29 Jun	7:18 am	7:44 am	6:00 pm	6:26 pm	rises 3:36 am	sets 2:18 pm	
Mon 30 Jun	7:18 am	7:44 am	6:00 pm	6:27 pm	rises 4:48 am	sets 3:08 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Tue 1 Jul	7:18 am	7:45 am	6:01 pm	6:27 pm	rises 6:00 am	sets 4:09 pm	
Wed 2 Jul	7:18 am	7:44 am	6:01 pm	6:27 pm	rises 7:08 am	sets 5:17 pm	
Thu 3 Jul	7:18 am	7:44 am	6:02 pm	6:28 pm	rises 8:08 am	sets 6:29 pm	new
Fri 4 Jul	7:18 am	7:44 am	6:02 pm	6:28 pm	rises 8:59 am	sets 7:41 pm	
Sat 5 Jul	7:18 am	7:44 am	6:02 pm	6:29 pm	rises 9:42 am	sets 8:49 pm	
Sun 6 Jul	7:18 am	7:44 am	6:03 pm	6:29 pm	rises 10:18 am	sets 9:54 pm	
Mon 7 Jul	7:18 am	7:44 am	6:03 pm	6:29 pm	rises 10:49 am	sets 10:54 pm	
Tue 8 Jul	7:18 am	7:44 am	6:04 pm	6:30 pm	rises 11:19 am	sets 11:52 pm	
Wed 9 Jul	7:18 am	7:44 am	6:04 pm	6:30 pm	rises 11:47 am	---	
Thu 10 Jul	7:18 am	7:44 am	6:05 pm	6:31 pm	sets 0:48 am	rises 12:16 pm	1 <sup>st</sup> qtr
Fri 11 Jul	7:17 am	7:43 am	6:05 pm	6:31 pm	sets 1:44 am	rises 12:47 pm	
Sat 12 Jul	7:17 am	7:43 am	6:06 pm	6:32 pm	sets 2:40 am	rises 1:21 pm	
Sun 13 Jul	7:17 am	7:43 am	6:06 pm	6:32 pm	sets 3:37 am	rises 2:00 pm	
Mon 14 Jul	7:17 am	7:43 am	6:07 pm	6:33 pm	sets 4:33 am	rises 2:43 pm	
Tue 15 Jul	7:16 am	7:42 am	6:07 pm	6:33 pm	sets 5:28 am	rises 3:32 pm	
Wed 16 Jul	7:16 am	7:42 am	6:08 pm	6:34 pm	sets 6:19 am	rises 4:25 pm	
Thu 17 Jul	7:16 am	7:42 am	6:08 pm	6:34 pm	sets 7:06 am	rises 5:22 pm	
Fri 18 Jul	7:15 am	7:41 am	6:09 pm	6:35 pm	sets 7:48 am	rises 6:21 pm	full
Sat 19 Jul	7:15 am	7:41 am	6:09 pm	6:35 pm	sets 8:26 am	rises 7:20 pm	
Sun 20 Jul	7:15 am	7:40 am	6:10 pm	6:36 pm	sets 8:59 am	rises 8:19 pm	
Mon 21 Jul	7:14 am	7:40 am	6:11 pm	6:36 pm	sets 9:30 am	rises 9:18 pm	
Tue 22 Jul	7:14 am	7:39 am	6:11 pm	6:37 pm	sets 10:00 am	rises 10:16 pm	
Wed 23 Jul	7:13 am	7:39 am	6:12 pm	6:37 pm	sets 10:30 am	rises 11:16 pm	
Thu 24 Jul	7:13 am	7:38 am	6:12 pm	6:38 pm	sets 11:01 am	---	
Fri 25 Jul	7:12 am	7:38 am	6:13 pm	6:38 pm	rises 0:19 am	sets 11:34 am	last qtr
Sat 26 Jul	7:12 am	7:37 am	6:13 pm	6:39 pm	rises 1:24 am	sets 12:13 pm	
Sun 27 Jul	7:11 am	7:37 am	6:14 pm	6:39 pm	rises 2:33 am	sets 12:59 pm	
Mon 28 Jul	7:11 am	7:36 am	6:15 pm	6:40 pm	rises 3:43 am	sets 1:54 pm	
Tue 29 Jul	7:10 am	7:35 am	6:15 pm	6:40 pm	rises 4:51 am	sets 2:57 pm	
Wed 30 Jul	7:10 am	7:35 am	6:16 pm	6:41 pm	rises 5:53 am	sets 4:06 pm	
Thu 31 Jul	7:09 am	7:34 am	6:16 pm	6:41 pm	rises 6:47 am	sets 5:18 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Fri 1 Aug	7:08 am	7:33 am	6:17 pm	6:42 pm	rises 7:33 am	sets 6:28 pm	new
Sat 2 Aug	7:08 am	7:33 am	6:17 pm	6:43 pm	rises 8:12 am	sets 7:35 pm	
Sun 3 Aug	7:07 am	7:32 am	6:18 pm	6:43 pm	rises 8:46 am	sets 8:38 pm	
Mon 4 Aug	7:06 am	7:31 am	6:19 pm	6:44 pm	rises 9:17 am	sets 9:38 pm	
Tue 5 Aug	7:05 am	7:30 am	6:19 pm	6:44 pm	rises 9:47 am	sets 10:36 pm	
Wed 6 Aug	7:05 am	7:30 am	6:20 pm	6:45 pm	rises 10:16 am	sets 11:33 pm	
Thu 7 Aug	7:04 am	7:29 am	6:20 pm	6:45 pm	rises 10:47 am	---	
Fri 8 Aug	7:03 am	7:28 am	6:21 pm	6:46 pm	sets 0:30 am	rises 11:20 am	1 <sup>st</sup> qtr
Sat 9 Aug	7:02 am	7:27 am	6:21 pm	6:46 pm	sets 1:28 am	rises 11:57 am	
Sun 10 Aug	7:02 am	7:26 am	6:22 pm	6:47 pm	sets 2:24 am	rises 12:38 pm	
Mon 11 Aug	7:01 am	7:25 am	6:23 pm	6:47 pm	sets 3:20 am	rises 1:25 pm	
Tue 12 Aug	7:00 am	7:24 am	6:23 pm	6:48 pm	sets 4:13 am	rises 2:17 pm	
Wed 13 Aug	6:59 am	7:24 am	6:24 pm	6:48 pm	sets 5:01 am	rises 3:12 pm	
Thu 14 Aug	6:58 am	7:23 am	6:24 pm	6:49 pm	sets 5:45 am	rises 4:11 pm	
Fri 15 Aug	6:57 am	7:22 am	6:25 pm	6:49 pm	sets 6:25 am	rises 5:11 pm	
Sat 16 Aug	6:56 am	7:21 am	6:25 pm	6:50 pm	sets 7:00 am	rises 6:10 pm	full
Sun 17 Aug	6:55 am	7:20 am	6:26 pm	6:50 pm	sets 7:32 am	rises 7:10 pm	
Mon 18 Aug	6:54 am	7:19 am	6:27 pm	6:51 pm	sets 8:03 am	rises 8:10 pm	
Tue 19 Aug	6:53 am	7:18 am	6:27 pm	6:51 pm	sets 8:33 am	rises 9:10 pm	
Wed 20 Aug	6:52 am	7:17 am	6:28 pm	6:52 pm	sets 9:03 am	rises 10:12 pm	
Thu 21 Aug	6:51 am	7:16 am	6:28 pm	6:52 pm	sets 9:36 am	rises 11:17 pm	
Fri 22 Aug	6:50 am	7:15 am	6:29 pm	6:53 pm	sets 10:14 am	---	
Sat 23 Aug	6:49 am	7:14 am	6:29 pm	6:53 pm	rises 0:24 am	sets 10:57 am	
Sun 24 Aug	6:48 am	7:12 am	6:30 pm	6:54 pm	rises 1:33 am	sets 11:47 am	last qtr
Mon 25 Aug	6:47 am	7:11 am	6:30 pm	6:55 pm	rises 2:40 am	sets 12:46 pm	
Tue 26 Aug	6:46 am	7:10 am	6:31 pm	6:55 pm	rises 3:43 am	sets 1:51 pm	
Wed 27 Aug	6:45 am	7:09 am	6:31 pm	6:56 pm	rises 4:39 am	sets 3:00 pm	
Thu 28 Aug	6:44 am	7:08 am	6:32 pm	6:56 pm	rises 5:27 am	sets 4:10 pm	
Fri 29 Aug	6:43 am	7:07 am	6:32 pm	6:57 pm	rises 6:07 am	sets 5:17 pm	
Sat 30 Aug	6:42 am	7:06 am	6:33 pm	6:57 pm	rises 6:43 am	sets 6:21 pm	new
Sun 31 Aug	6:41 am	7:05 am	6:34 pm	6:58 pm	rises 7:15 am	sets 7:22 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Mon 1 Sep	6:39 am	7:03 am	6:34 pm	6:58 pm	rises 7:45 am	sets 8:21 pm	
Tue 2 Sep	6:38 am	7:02 am	6:35 pm	6:59 pm	rises 8:15 am	sets 9:20 pm	
Wed 3 Sep	6:37 am	7:01 am	6:35 pm	6:59 pm	rises 8:45 am	sets 10:18 pm	
Thu 4 Sep	6:36 am	7:00 am	6:36 pm	7:00 pm	rises 9:18 am	sets 11:16 pm	
Fri 5 Sep	6:35 am	6:59 am	6:36 pm	7:00 pm	rises 9:53 am	---	
Sat 6 Sep	6:34 am	6:58 am	6:37 pm	7:01 pm	sets 0:13 am	rises 10:33 am	
Sun 7 Sep	6:33 am	6:56 am	6:37 pm	7:01 pm	sets 1:10 am	rises 11:18 am	1 <sup>st</sup> qtr
Mon 8 Sep	6:31 am	6:55 am	6:38 pm	7:02 pm	sets 2:04 am	rises 12:07 pm	
Tue 9 Sep	6:30 am	6:54 am	6:38 pm	7:02 pm	sets 2:54 am	rises 1:01 pm	
Wed 10 Sep	6:29 am	6:53 am	6:39 pm	7:03 pm	sets 3:39 am	rises 1:59 pm	
Thu 11 Sep	6:28 am	6:52 am	6:39 pm	7:03 pm	sets 4:20 am	rises 2:58 pm	
Fri 12 Sep	6:26 am	6:50 am	6:40 pm	7:04 pm	sets 4:57 am	rises 3:57 pm	
Sat 13 Sep	6:25 am	6:49 am	6:40 pm	7:04 pm	sets 5:31 am	rises 4:57 pm	
Sun 14 Sep	6:24 am	6:48 am	6:41 pm	7:05 pm	sets 6:02 am	rises 5:57 pm	
Mon 15 Sep	6:23 am	6:47 am	6:41 pm	7:05 pm	sets 6:33 am	rises 6:59 pm	full
Tue 16 Sep	6:22 am	6:45 am	6:42 pm	7:06 pm	sets 7:04 am	rises 8:01 pm	
Wed 17 Sep	6:20 am	6:44 am	6:42 pm	7:06 pm	sets 7:37 am	rises 9:07 pm	
Thu 18 Sep	6:19 am	6:43 am	6:43 pm	7:07 pm	sets 8:14 am	rises 10:15 pm	
Fri 19 Sep	6:18 am	6:42 am	6:43 pm	7:07 pm	sets 8:55 am	rises 11:24 pm	
Sat 20 Sep	6:17 am	6:40 am	6:44 pm	7:08 pm	sets 9:44 am	---	
Sun 21 Sep	6:15 am	6:39 am	6:44 pm	7:08 pm	rises 0:33 am	sets 10:41 am	
Mon 22 Sep	6:14 am	6:38 am	6:45 pm	7:09 pm	rises 1:37 am	sets 11:44 am	last qtr
Tue 23 Sep	6:13 am	6:37 am	6:46 pm	7:09 pm	rises 2:34 am	sets 12:51 pm	
Wed 24 Sep	6:12 am	6:35 am	6:46 pm	7:10 pm	rises 3:24 am	sets 1:59 pm	
Thu 25 Sep	6:10 am	6:34 am	6:47 pm	7:10 pm	rises 4:06 am	sets 3:05 pm	
Fri 26 Sep	6:09 am	6:33 am	6:47 pm	7:11 pm	rises 4:42 am	sets 4:08 pm	
Sat 27 Sep	6:08 am	6:32 am	6:48 pm	7:12 pm	rises 5:15 am	sets 5:09 pm	
Sun 28 Sep	6:07 am	6:31 am	6:48 pm	7:12 pm	rises 5:45 am	sets 6:09 pm	
Mon 29 Sep	6:05 am	6:29 am	6:49 pm	7:13 pm	rises 6:14 am	sets 7:07 pm	new
Tue 30 Sep	6:04 am	6:28 am	6:49 pm	7:13 pm	rises 6:44 am	sets 8:05 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Wed 1 Oct	6:03 am	6:27 am	6:50 pm	7:14 pm	rises 7:16 am	sets 9:03 pm	
Thu 2 Oct	6:02 am	6:26 am	6:51 pm	7:15 pm	rises 7:50 am	sets 10:01 pm	
Fri 3 Oct	6:01 am	6:24 am	6:51 pm	7:15 pm	rises 8:29 am	sets 10:59 pm	
Sat 4 Oct	5:59 am	6:23 am	6:52 pm	7:16 pm	rises 9:12 am	sets 11:54 pm	
Sun 5 Oct	5:58 am	6:22 am	6:52 pm	7:16 pm	rises 9:59 am	---	
Mon 6 Oct	5:57 am	6:21 am	6:53 pm	7:17 pm	sets 0:45 am	rises 10:51 am	
Tue 7 Oct	5:56 am	6:20 am	6:54 pm	7:18 pm	sets 1:33 am	rises 11:47 am	1 <sup>st</sup> qtr
Wed 8 Oct	5:55 am	6:19 am	6:54 pm	7:18 pm	sets 2:15 am	rises 12:44 pm	
Thu 9 Oct	5:53 am	6:17 am	6:55 pm	7:19 pm	sets 2:53 am	rises 1:43 pm	
Fri 10 Oct	5:52 am	6:16 am	6:55 pm	7:19 pm	sets 3:27 am	rises 2:41 pm	
Sat 11 Oct	5:51 am	6:15 am	6:56 pm	7:20 pm	sets 3:59 am	rises 3:41 pm	
Sun 12 Oct	5:50 am	6:14 am	6:57 pm	7:21 pm	sets 4:30 am	rises 4:41 pm	
Mon 13 Oct	5:49 am	6:13 am	6:57 pm	7:21 pm	sets 5:01 am	rises 5:44 pm	
Tue 14 Oct	5:48 am	6:12 am	6:58 pm	7:22 pm	sets 5:34 am	rises 6:49 pm	full
Wed 15 Oct	5:46 am	6:11 am	6:59 pm	7:23 pm	sets 6:09 am	rises 7:58 pm	
Thu 16 Oct	5:45 am	6:10 am	6:59 pm	7:24 pm	sets 6:50 am	rises 9:09 pm	
Fri 17 Oct	5:44 am	6:09 am	7:00 pm	7:24 pm	sets 7:38 am	rises 10:20 pm	
Sat 18 Oct	5:43 am	6:07 am	7:00 pm	7:25 pm	sets 8:33 am	rises 11:28 pm	
Sun 19 Oct	5:42 am	6:06 am	7:01 pm	7:26 pm	sets 9:36 am	---	
Mon 20 Oct	5:41 am	6:05 am	7:02 pm	7:26 pm	rises 0:29 am	sets 10:44 am	
Tue 21 Oct	5:40 am	6:04 am	7:03 pm	7:27 pm	rises 1:22 am	sets 11:52 am	last qtr
Wed 22 Oct	5:39 am	6:03 am	7:03 pm	7:28 pm	rises 2:06 am	sets 12:58 pm	
Thu 23 Oct	5:38 am	6:02 am	7:04 pm	7:29 pm	rises 2:43 am	sets 2:02 pm	
Fri 24 Oct	5:37 am	6:01 am	7:05 pm	7:29 pm	rises 3:17 am	sets 3:02 pm	
Sat 25 Oct	5:36 am	6:00 am	7:05 pm	7:30 pm	rises 3:47 am	sets 4:01 pm	
Sun 26 Oct	5:35 am	6:00 am	7:06 pm	7:31 pm	rises 4:16 am	sets 4:58 pm	
Mon 27 Oct	5:34 am	5:59 am	7:07 pm	7:32 pm	rises 4:46 am	sets 5:56 pm	
Tue 28 Oct	5:33 am	5:58 am	7:08 pm	7:33 pm	rises 5:16 am	sets 6:53 pm	
Wed 29 Oct	5:32 am	5:57 am	7:08 pm	7:33 pm	rises 5:49 am	sets 7:51 pm	new
Thu 30 Oct	5:31 am	5:56 am	7:09 pm	7:34 pm	rises 6:26 am	sets 8:49 pm	
Fri 31 Oct	5:30 am	5:55 am	7:10 pm	7:35 pm	rises 7:07 am	sets 9:45 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Sat 1 Nov	5:29 am	5:54 am	7:11 pm	7:36 pm	rises 7:54 am	sets 10:38 pm	
Sun 2 Nov	5:28 am	5:53 am	7:11 pm	7:37 pm	rises 8:44 am	sets 11:27 pm	
Mon 3 Nov	5:27 am	5:53 am	7:12 pm	7:38 pm	rises 9:38 am	---	
Tue 4 Nov	5:27 am	5:52 am	7:13 pm	7:38 pm	sets 0:10 am	rises 10:34 am	
Wed 5 Nov	5:26 am	5:51 am	7:14 pm	7:39 pm	sets 0:49 am	rises 11:31 am	
Thu 6 Nov	5:25 am	5:50 am	7:15 pm	7:40 pm	sets 1:24 am	rises 12:28 pm	1 <sup>st</sup> qtr
Fri 7 Nov	5:24 am	5:50 am	7:15 pm	7:41 pm	sets 1:56 am	rises 1:26 pm	
Sat 8 Nov	5:24 am	5:49 am	7:16 pm	7:42 pm	sets 2:27 am	rises 2:24 pm	
Sun 9 Nov	5:23 am	5:48 am	7:17 pm	7:43 pm	sets 2:57 am	rises 3:24 pm	
Mon 10 Nov	5:22 am	5:48 am	7:18 pm	7:44 pm	sets 3:28 am	rises 4:27 pm	
Tue 11 Nov	5:21 am	5:47 am	7:19 pm	7:44 pm	sets 4:02 am	rises 5:34 pm	
Wed 12 Nov	5:21 am	5:47 am	7:19 pm	7:45 pm	sets 4:40 am	rises 6:45 pm	
Thu 13 Nov	5:20 am	5:46 am	7:20 pm	7:46 pm	sets 5:25 am	rises 7:58 pm	full
Fri 14 Nov	5:20 am	5:46 am	7:21 pm	7:47 pm	sets 6:19 am	rises 9:10 pm	
Sat 15 Nov	5:19 am	5:45 am	7:22 pm	7:48 pm	sets 7:21 am	rises 10:17 pm	
Sun 16 Nov	5:19 am	5:45 am	7:23 pm	7:49 pm	sets 8:29 am	rises 11:14 pm	
Mon 17 Nov	5:18 am	5:44 am	7:24 pm	7:50 pm	sets 9:40 am	---	
Tue 18 Nov	5:18 am	5:44 am	7:24 pm	7:51 pm	rises 0:03 am	sets 10:49 am	
Wed 19 Nov	5:17 am	5:43 am	7:25 pm	7:52 pm	rises 0:43 am	sets 11:55 am	last qtr
Thu 20 Nov	5:17 am	5:43 am	7:26 pm	7:52 pm	rises 1:18 am	sets 12:57 pm	
Fri 21 Nov	5:16 am	5:43 am	7:27 pm	7:53 pm	rises 1:50 am	sets 1:56 pm	
Sat 22 Nov	5:16 am	5:42 am	7:28 pm	7:54 pm	rises 2:19 am	sets 2:54 pm	
Sun 23 Nov	5:16 am	5:42 am	7:29 pm	7:55 pm	rises 2:48 am	sets 3:50 pm	
Mon 24 Nov	5:15 am	5:42 am	7:30 pm	7:56 pm	rises 3:18 am	sets 4:47 pm	
Tue 25 Nov	5:15 am	5:41 am	7:30 pm	7:57 pm	rises 3:50 am	sets 5:44 pm	
Wed 26 Nov	5:15 am	5:41 am	7:31 pm	7:58 pm	rises 4:26 am	sets 6:42 pm	
Thu 27 Nov	5:14 am	5:41 am	7:32 pm	7:59 pm	rises 5:05 am	sets 7:38 pm	new
Fri 28 Nov	5:14 am	5:41 am	7:33 pm	8:00 pm	rises 5:50 am	sets 8:32 pm	
Sat 29 Nov	5:14 am	5:41 am	7:34 pm	8:00 pm	rises 6:39 am	sets 9:22 pm	
Sun 30 Nov	5:14 am	5:41 am	7:34 pm	8:01 pm	rises 7:32 am	sets 10:07 pm	

SPRINGBOK 2008	TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
					rises	sets	
Mon 1 Dec	5:14 am	5:41 am	7:35 pm	8:02 pm	rises 8:27 am	sets 10:48 pm	
Tue 2 Dec	5:14 am	5:41 am	7:36 pm	8:03 pm	rises 9:23 am	sets 11:24 pm	
Wed 3 Dec	5:14 am	5:41 am	7:37 pm	8:04 pm	rises 10:20 am	sets 11:56 pm	
Thu 4 Dec	5:14 am	5:41 am	7:38 pm	8:05 pm	rises 11:16 am	---	
Fri 5 Dec	5:14 am	5:41 am	7:38 pm	8:05 pm	sets 0:26 am	rises 12:12 pm	1 <sup>st</sup> qtr
Sat 6 Dec	5:14 am	5:41 am	7:39 pm	8:06 pm	sets 0:55 am	rises 1:10 pm	
Sun 7 Dec	5:14 am	5:41 am	7:40 pm	8:07 pm	sets 1:25 am	rises 2:09 pm	
Mon 8 Dec	5:14 am	5:41 am	7:41 pm	8:08 pm	sets 1:56 am	rises 3:12 pm	
Tue 9 Dec	5:14 am	5:41 am	7:41 pm	8:08 pm	sets 2:31 am	rises 4:18 pm	
Wed 10 Dec	5:14 am	5:41 am	7:42 pm	8:09 pm	sets 3:11 am	rises 5:29 pm	
Thu 11 Dec	5:14 am	5:42 am	7:43 pm	8:10 pm	sets 4:00 am	rises 6:43 pm	
Fri 12 Dec	5:15 am	5:42 am	7:43 pm	8:11 pm	sets 4:58 am	rises 7:53 pm	full
Sat 13 Dec	5:15 am	5:42 am	7:44 pm	8:11 pm	sets 6:04 am	rises 8:57 pm	
Sun 14 Dec	5:15 am	5:42 am	7:45 pm	8:12 pm	sets 7:17 am	rises 9:52 pm	
Mon 15 Dec	5:15 am	5:43 am	7:45 pm	8:13 pm	sets 8:30 am	rises 10:38 pm	
Tue 16 Dec	5:16 am	5:43 am	7:46 pm	8:13 pm	sets 9:40 am	rises 11:16 pm	
Wed 17 Dec	5:16 am	5:43 am	7:46 pm	8:14 pm	sets 10:46 am	rises 11:50 pm	
Thu 18 Dec	5:17 am	5:44 am	7:47 pm	8:14 pm	sets 11:48 am	---	
Fri 19 Dec	5:17 am	5:44 am	7:48 pm	8:15 pm	rises 0:21 am	sets 12:48 pm	last qtr
Sat 20 Dec	5:17 am	5:45 am	7:48 pm	8:15 pm	rises 0:51 am	sets 1:45 pm	
Sun 21 Dec	5:18 am	5:45 am	7:49 pm	8:16 pm	rises 1:20 am	sets 2:42 pm	
Mon 22 Dec	5:18 am	5:46 am	7:49 pm	8:16 pm	rises 1:52 am	sets 3:39 pm	
Tue 23 Dec	5:19 am	5:46 am	7:50 pm	8:17 pm	rises 2:26 am	sets 4:36 pm	
Wed 24 Dec	5:19 am	5:47 am	7:50 pm	8:17 pm	rises 3:04 am	sets 5:33 pm	
Thu 25 Dec	5:20 am	5:47 am	7:50 pm	8:18 pm	rises 3:47 am	sets 6:27 pm	
Fri 26 Dec	5:21 am	5:48 am	7:51 pm	8:18 pm	rises 4:35 am	sets 7:19 pm	
Sat 27 Dec	5:21 am	5:49 am	7:51 pm	8:18 pm	rises 5:27 am	sets 8:05 pm	new
Sun 28 Dec	5:22 am	5:49 am	7:51 pm	8:19 pm	rises 6:22 am	sets 8:47 pm	
Mon 29 Dec	5:23 am	5:50 am	7:52 pm	8:19 pm	rises 7:18 am	sets 9:25 pm	
Tue 30 Dec	5:23 am	5:51 am	7:52 pm	8:19 pm	rises 8:15 am	sets 9:58 pm	
Wed 31 Dec	5:24 am	5:51 am	7:52 pm	8:20 pm	rises 9:11 am	sets 10:28 pm	