

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Sat	1 Jan	4:53 am	5:19 am	7:02 pm	7:28 pm	rises 2:26 am	sets 4:33 pm	
Sun	2 Jan	4:54 am	5:20 am	7:02 pm	7:28 pm	rises 3:19 am	sets 5:30 pm	
Mon	3 Jan	4:54 am	5:20 am	7:02 pm	7:28 pm	rises 4:16 am	sets 6:23 pm	
Tue	4 Jan	4:55 am	5:21 am	7:03 pm	7:28 pm	rises 5:14 am	sets 7:10 pm	new
Wed	5 Jan	4:56 am	5:22 am	7:03 pm	7:29 pm	rises 6:12 am	sets 7:52 pm	
Thu	6 Jan	4:57 am	5:22 am	7:03 pm	7:29 pm	rises 7:08 am	sets 8:29 pm	
Fri	7 Jan	4:57 am	5:23 am	7:03 pm	7:29 pm	rises 8:02 am	sets 9:03 pm	
Sat	8 Jan	4:58 am	5:24 am	7:03 pm	7:29 pm	rises 8:54 am	sets 9:35 pm	
Sun	9 Jan	4:59 am	5:25 am	7:03 pm	7:29 pm	rises 9:45 am	sets 10:06 pm	
Mon	10 Jan	5:00 am	5:25 am	7:03 pm	7:29 pm	rises 10:35 am	sets 10:36 pm	
Tue	11 Jan	5:00 am	5:26 am	7:03 pm	7:29 pm	rises 11:26 am	sets 11:08 pm	
Wed	12 Jan	5:01 am	5:27 am	7:03 pm	7:29 pm	rises 12:18 pm	sets 11:42 pm	1st qtr
Thu	13 Jan	5:02 am	5:28 am	7:03 pm	7:29 pm	rises 1:11 pm	---	
Fri	14 Jan	5:03 am	5:28 am	7:03 pm	7:29 pm	sets 0:20 am	rises 2:07 pm	
Sat	15 Jan	5:04 am	5:29 am	7:03 pm	7:29 pm	sets 1:02 am	rises 3:04 pm	
Sun	16 Jan	5:04 am	5:30 am	7:03 pm	7:29 pm	sets 1:51 am	rises 4:02 pm	
Mon	17 Jan	5:05 am	5:31 am	7:03 pm	7:28 pm	sets 2:45 am	rises 4:59 pm	
Tue	18 Jan	5:06 am	5:31 am	7:03 pm	7:28 pm	sets 3:46 am	rises 5:53 pm	
Wed	19 Jan	5:07 am	5:32 am	7:03 pm	7:28 pm	sets 4:50 am	rises 6:44 pm	full
Thu	20 Jan	5:08 am	5:33 am	7:03 pm	7:28 pm	sets 5:57 am	rises 7:30 pm	
Fri	21 Jan	5:09 am	5:34 am	7:03 pm	7:28 pm	sets 7:03 am	rises 8:12 pm	
Sat	22 Jan	5:09 am	5:35 am	7:02 pm	7:27 pm	sets 8:08 am	rises 8:52 pm	
Sun	23 Jan	5:10 am	5:35 am	7:02 pm	7:27 pm	sets 9:13 am	rises 9:31 pm	
Mon	24 Jan	5:11 am	5:36 am	7:02 pm	7:27 pm	sets 10:16 am	rises 10:11 pm	
Tue	25 Jan	5:12 am	5:37 am	7:01 pm	7:26 pm	sets 11:20 am	rises 10:52 pm	
Wed	26 Jan	5:13 am	5:38 am	7:01 pm	7:26 pm	sets 12:23 pm	rises 11:36 pm	last qtr
Thu	27 Jan	5:14 am	5:38 am	7:01 pm	7:26 pm	sets 1:26 pm	---	
Fri	28 Jan	5:14 am	5:39 am	7:00 pm	7:25 pm	rises 0:23 am	sets 2:27 pm	
Sat	29 Jan	5:15 am	5:40 am	7:00 pm	7:25 pm	rises 1:15 am	sets 3:24 pm	
Sun	30 Jan	5:16 am	5:41 am	7:00 pm	7:24 pm	rises 2:10 am	sets 4:18 pm	
Mon	31 Jan	5:17 am	5:41 am	6:59 pm	7:24 pm	rises 3:06 am	sets 5:06 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Tue	1 Feb	5:18 am	5:42 am	6:59 pm	7:23 pm	rises 4:03 am	sets 5:49 pm	
Wed	2 Feb	5:18 am	5:43 am	6:58 pm	7:23 pm	rises 4:59 am	sets 6:28 pm	
Thu	3 Feb	5:19 am	5:44 am	6:58 pm	7:22 pm	rises 5:54 am	sets 7:03 pm	new
Fri	4 Feb	5:20 am	5:44 am	6:57 pm	7:21 pm	rises 6:47 am	sets 7:36 pm	
Sat	5 Feb	5:21 am	5:45 am	6:56 pm	7:21 pm	rises 7:38 am	sets 8:07 pm	
Sun	6 Feb	5:22 am	5:46 am	6:56 pm	7:20 pm	rises 8:29 am	sets 8:37 pm	
Mon	7 Feb	5:22 am	5:47 am	6:55 pm	7:20 pm	rises 9:19 am	sets 9:09 pm	
Tue	8 Feb	5:23 am	5:47 am	6:55 pm	7:19 pm	rises 10:10 am	sets 9:41 pm	
Wed	9 Feb	5:24 am	5:48 am	6:54 pm	7:18 pm	rises 11:02 am	sets 10:17 pm	
Thu	10 Feb	5:25 am	5:49 am	6:53 pm	7:17 pm	rises 11:56 am	sets 10:56 pm	
Fri	11 Feb	5:25 am	5:50 am	6:53 pm	7:17 pm	rises 12:51 pm	sets 11:41 pm	1st qtr
Sat	12 Feb	5:26 am	5:50 am	6:52 pm	7:16 pm	rises 1:47 pm	---	
Sun	13 Feb	5:27 am	5:51 am	6:51 pm	7:15 pm	sets 0:31 am	rises 2:43 pm	
Mon	14 Feb	5:28 am	5:52 am	6:51 pm	7:14 pm	sets 1:27 am	rises 3:38 pm	
Tue	15 Feb	5:28 am	5:52 am	6:50 pm	7:14 pm	sets 2:28 am	rises 4:29 pm	
Wed	16 Feb	5:29 am	5:53 am	6:49 pm	7:13 pm	sets 3:33 am	rises 5:17 pm	
Thu	17 Feb	5:30 am	5:54 am	6:48 pm	7:12 pm	sets 4:40 am	rises 6:02 pm	
Fri	18 Feb	5:30 am	5:54 am	6:47 pm	7:11 pm	sets 5:46 am	rises 6:44 pm	full
Sat	19 Feb	5:31 am	5:55 am	6:47 pm	7:10 pm	sets 6:53 am	rises 7:25 pm	
Sun	20 Feb	5:32 am	5:55 am	6:46 pm	7:09 pm	sets 7:59 am	rises 8:06 pm	
Mon	21 Feb	5:32 am	5:56 am	6:45 pm	7:09 pm	sets 9:06 am	rises 8:48 pm	
Tue	22 Feb	5:33 am	5:57 am	6:44 pm	7:08 pm	sets 10:11 am	rises 9:33 pm	
Wed	23 Feb	5:34 am	5:57 am	6:43 pm	7:07 pm	sets 11:16 am	rises 10:20 pm	
Thu	24 Feb	5:34 am	5:58 am	6:42 pm	7:06 pm	sets 12:20 pm	rises 11:12 pm	
Fri	25 Feb	5:35 am	5:58 am	6:42 pm	7:05 pm	sets 1:19 pm	---	last qtr
Sat	26 Feb	5:36 am	5:59 am	6:41 pm	7:04 pm	rises 0:06 am	sets 2:15 pm	
Sun	27 Feb	5:36 am	6:00 am	6:40 pm	7:03 pm	rises 1:02 am	sets 3:04 pm	
Mon	28 Feb	5:37 am	6:00 am	6:39 pm	7:02 pm	rises 1:59 am	sets 3:49 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Tue	1 Mar	5:37 am	6:01 am	6:38 pm	7:01 pm	rises 2:54 am	sets 4:28 pm	
Wed	2 Mar	5:38 am	6:01 am	6:37 pm	7:00 pm	rises 3:49 am	sets 5:04 pm	
Thu	3 Mar	5:39 am	6:02 am	6:36 pm	6:59 pm	rises 4:42 am	sets 5:37 pm	
Fri	4 Mar	5:39 am	6:02 am	6:35 pm	6:58 pm	rises 5:33 am	sets 6:09 pm	new
Sat	5 Mar	5:40 am	6:03 am	6:34 pm	6:57 pm	rises 6:24 am	sets 6:40 pm	
Sun	6 Mar	5:40 am	6:03 am	6:33 pm	6:56 pm	rises 7:14 am	sets 7:11 pm	
Mon	7 Mar	5:41 am	6:04 am	6:32 pm	6:55 pm	rises 8:05 am	sets 7:43 pm	
Tue	8 Mar	5:41 am	6:05 am	6:31 pm	6:54 pm	rises 8:56 am	sets 8:18 pm	
Wed	9 Mar	5:42 am	6:05 am	6:30 pm	6:53 pm	rises 9:49 am	sets 8:55 pm	
Thu	10 Mar	5:42 am	6:06 am	6:29 pm	6:52 pm	rises 10:43 am	sets 9:37 pm	
Fri	11 Mar	5:43 am	6:06 am	6:28 pm	6:51 pm	rises 11:38 am	sets 10:24 pm	
Sat	12 Mar	5:44 am	6:07 am	6:27 pm	6:50 pm	rises 12:32 pm	sets 11:16 pm	
Sun	13 Mar	5:44 am	6:07 am	6:26 pm	6:49 pm	rises 1:26 pm	---	1st qtr
Mon	14 Mar	5:45 am	6:08 am	6:25 pm	6:48 pm	sets 0:13 am	rises 2:17 pm	
Tue	15 Mar	5:45 am	6:08 am	6:24 pm	6:47 pm	sets 1:14 am	rises 3:05 pm	
Wed	16 Mar	5:46 am	6:09 am	6:23 pm	6:46 pm	sets 2:18 am	rises 3:50 pm	
Thu	17 Mar	5:46 am	6:09 am	6:22 pm	6:45 pm	sets 3:23 am	rises 4:33 pm	
Fri	18 Mar	5:47 am	6:09 am	6:21 pm	6:44 pm	sets 4:29 am	rises 5:15 pm	
Sat	19 Mar	5:47 am	6:10 am	6:20 pm	6:43 pm	sets 5:35 am	rises 5:56 pm	full
Sun	20 Mar	5:47 am	6:10 am	6:19 pm	6:41 pm	sets 6:42 am	rises 6:38 pm	
Mon	21 Mar	5:48 am	6:11 am	6:17 pm	6:40 pm	sets 7:50 am	rises 7:23 pm	
Tue	22 Mar	5:48 am	6:11 am	6:16 pm	6:39 pm	sets 8:58 am	rises 8:12 pm	
Wed	23 Mar	5:49 am	6:12 am	6:15 pm	6:38 pm	sets 10:05 am	rises 9:03 pm	
Thu	24 Mar	5:49 am	6:12 am	6:14 pm	6:37 pm	sets 11:08 am	rises 9:59 pm	
Fri	25 Mar	5:50 am	6:13 am	6:13 pm	6:36 pm	sets 12:07 pm	rises 10:56 pm	
Sat	26 Mar	5:50 am	6:13 am	6:12 pm	6:35 pm	sets 1:00 pm	rises 11:53 pm	last qtr
Sun	27 Mar	5:51 am	6:14 am	6:11 pm	6:34 pm	sets 1:47 pm	---	
Mon	28 Mar	5:51 am	6:14 am	6:10 pm	6:33 pm	rises 0:50 am	sets 2:28 pm	
Tue	29 Mar	5:52 am	6:15 am	6:09 pm	6:32 pm	rises 1:45 am	sets 3:05 pm	
Wed	30 Mar	5:52 am	6:15 am	6:08 pm	6:31 pm	rises 2:38 am	sets 3:39 pm	
Thu	31 Mar	5:52 am	6:15 am	6:07 pm	6:30 pm	rises 3:29 am	sets 4:11 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Fri	1 Apr	5:53 am	6:16 am	6:06 pm	6:29 pm	rises 4:20 am	sets 4:42 pm	
Sat	2 Apr	5:53 am	6:16 am	6:05 pm	6:28 pm	rises 5:10 am	sets 5:13 pm	
Sun	3 Apr	5:54 am	6:17 am	6:04 pm	6:27 pm	rises 6:01 am	sets 5:45 pm	new
Mon	4 Apr	5:54 am	6:17 am	6:03 pm	6:26 pm	rises 6:52 am	sets 6:19 pm	
Tue	5 Apr	5:55 am	6:18 am	6:02 pm	6:25 pm	rises 7:44 am	sets 6:56 pm	
Wed	6 Apr	5:55 am	6:18 am	6:01 pm	6:24 pm	rises 8:38 am	sets 7:37 pm	
Thu	7 Apr	5:56 am	6:19 am	6:00 pm	6:23 pm	rises 9:33 am	sets 8:22 pm	
Fri	8 Apr	5:56 am	6:19 am	5:59 pm	6:22 pm	rises 10:27 am	sets 9:12 pm	
Sat	9 Apr	5:56 am	6:20 am	5:58 pm	6:21 pm	rises 11:20 am	sets 10:06 pm	
Sun	10 Apr	5:57 am	6:20 am	5:57 pm	6:20 pm	rises 12:10 pm	sets 11:04 pm	
Mon	11 Apr	5:57 am	6:20 am	5:56 pm	6:19 pm	rises 12:58 pm	---	1st qtr
Tue	12 Apr	5:58 am	6:21 am	5:55 pm	6:18 pm	sets 0:04 am	rises 1:43 pm	
Wed	13 Apr	5:58 am	6:21 am	5:54 pm	6:17 pm	sets 1:06 am	rises 2:25 pm	
Thu	14 Apr	5:59 am	6:22 am	5:53 pm	6:16 pm	sets 2:09 am	rises 3:06 pm	
Fri	15 Apr	5:59 am	6:22 am	5:52 pm	6:15 pm	sets 3:13 am	rises 3:46 pm	
Sat	16 Apr	5:59 am	6:23 am	5:51 pm	6:14 pm	sets 4:19 am	rises 4:27 pm	
Sun	17 Apr	6:00 am	6:23 am	5:50 pm	6:13 pm	sets 5:25 am	rises 5:11 pm	
Mon	18 Apr	6:00 am	6:24 am	5:49 pm	6:12 pm	sets 6:33 am	rises 5:58 pm	full
Tue	19 Apr	6:01 am	6:24 am	5:48 pm	6:11 pm	sets 7:42 am	rises 6:49 pm	
Wed	20 Apr	6:01 am	6:25 am	5:47 pm	6:11 pm	sets 8:49 am	rises 7:44 pm	
Thu	21 Apr	6:02 am	6:25 am	5:46 pm	6:10 pm	sets 9:52 am	rises 8:43 pm	
Fri	22 Apr	6:02 am	6:26 am	5:45 pm	6:09 pm	sets 10:50 am	rises 9:42 pm	
Sat	23 Apr	6:03 am	6:26 am	5:45 pm	6:08 pm	sets 11:40 am	rises 10:41 pm	
Sun	24 Apr	6:03 am	6:27 am	5:44 pm	6:07 pm	sets 12:25 pm	rises 11:38 pm	
Mon	25 Apr	6:04 am	6:27 am	5:43 pm	6:06 pm	sets 1:04 pm	---	last qtr
Tue	26 Apr	6:04 am	6:28 am	5:42 pm	6:06 pm	rises 0:32 am	sets 1:40 pm	
Wed	27 Apr	6:04 am	6:28 am	5:41 pm	6:05 pm	rises 1:25 am	sets 2:12 pm	
Thu	28 Apr	6:05 am	6:29 am	5:40 pm	6:04 pm	rises 2:16 am	sets 2:44 pm	
Fri	29 Apr	6:05 am	6:29 am	5:40 pm	6:03 pm	rises 3:06 am	sets 3:15 pm	
Sat	30 Apr	6:06 am	6:30 am	5:39 pm	6:03 pm	rises 3:56 am	sets 3:46 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Sun	1 May	6:06 am	6:30 am	5:38 pm	6:02 pm	rises 4:47 am	sets 4:20 pm	
Mon	2 May	6:07 am	6:31 am	5:37 pm	6:01 pm	rises 5:39 am	sets 4:56 pm	
Tue	3 May	6:07 am	6:31 am	5:37 pm	6:01 pm	rises 6:33 am	sets 5:36 pm	new
Wed	4 May	6:08 am	6:32 am	5:36 pm	6:00 pm	rises 7:28 am	sets 6:20 pm	
Thu	5 May	6:08 am	6:32 am	5:35 pm	5:59 pm	rises 8:22 am	sets 7:09 pm	
Fri	6 May	6:09 am	6:33 am	5:35 pm	5:59 pm	rises 9:16 am	sets 8:02 pm	
Sat	7 May	6:09 am	6:33 am	5:34 pm	5:58 pm	rises 10:08 am	sets 8:59 pm	
Sun	8 May	6:10 am	6:34 am	5:33 pm	5:57 pm	rises 10:56 am	sets 9:58 pm	
Mon	9 May	6:10 am	6:34 am	5:33 pm	5:57 pm	rises 11:41 am	sets 10:58 pm	
Tue	10 May	6:11 am	6:35 am	5:32 pm	5:56 pm	rises 12:23 pm	sets 11:59 pm	1st qtr
Wed	11 May	6:11 am	6:35 am	5:32 pm	5:56 pm	rises 1:02 pm	---	
Thu	12 May	6:11 am	6:36 am	5:31 pm	5:55 pm	sets 1:01 am	rises 1:41 pm	
Fri	13 May	6:12 am	6:36 am	5:30 pm	5:55 pm	sets 2:03 am	rises 2:20 pm	
Sat	14 May	6:12 am	6:37 am	5:30 pm	5:54 pm	sets 3:07 am	rises 3:01 pm	
Sun	15 May	6:13 am	6:37 am	5:29 pm	5:54 pm	sets 4:12 am	rises 3:45 pm	
Mon	16 May	6:13 am	6:38 am	5:29 pm	5:53 pm	sets 5:19 am	rises 4:34 pm	
Tue	17 May	6:14 am	6:38 am	5:28 pm	5:53 pm	sets 6:27 am	rises 5:27 pm	full
Wed	18 May	6:14 am	6:39 am	5:28 pm	5:52 pm	sets 7:32 am	rises 6:25 pm	
Thu	19 May	6:15 am	6:39 am	5:28 pm	5:52 pm	sets 8:34 am	rises 7:25 pm	
Fri	20 May	6:15 am	6:40 am	5:27 pm	5:52 pm	sets 9:29 am	rises 8:26 pm	
Sat	21 May	6:16 am	6:40 am	5:27 pm	5:51 pm	sets 10:17 am	rises 9:25 pm	
Sun	22 May	6:16 am	6:41 am	5:26 pm	5:51 pm	sets 11:00 am	rises 10:22 pm	
Mon	23 May	6:17 am	6:41 am	5:26 pm	5:51 pm	sets 11:37 am	rises 11:17 pm	
Tue	24 May	6:17 am	6:42 am	5:26 pm	5:50 pm	sets 12:12 pm	---	last qtr
Wed	25 May	6:18 am	6:42 am	5:25 pm	5:50 pm	rises 0:09 am	sets 12:44 pm	
Thu	26 May	6:18 am	6:43 am	5:25 pm	5:50 pm	rises 1:00 am	sets 1:15 pm	
Fri	27 May	6:19 am	6:43 am	5:25 pm	5:50 pm	rises 1:50 am	sets 1:47 pm	
Sat	28 May	6:19 am	6:44 am	5:25 pm	5:49 pm	rises 2:41 am	sets 2:19 pm	
Sun	29 May	6:19 am	6:44 am	5:24 pm	5:49 pm	rises 3:32 am	sets 2:55 pm	
Mon	30 May	6:20 am	6:45 am	5:24 pm	5:49 pm	rises 4:26 am	sets 3:33 pm	
Tue	31 May	6:20 am	6:45 am	5:24 pm	5:49 pm	rises 5:20 am	sets 4:16 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Wed	1 Jun	6:21 am	6:46 am	5:24 pm	5:49 pm	rises 6:15 am	sets 5:04 pm	new
Thu	2 Jun	6:21 am	6:46 am	5:24 pm	5:49 pm	rises 7:10 am	sets 5:56 pm	
Fri	3 Jun	6:22 am	6:47 am	5:24 pm	5:49 pm	rises 8:03 am	sets 6:53 pm	
Sat	4 Jun	6:22 am	6:47 am	5:23 pm	5:48 pm	rises 8:53 am	sets 7:52 pm	
Sun	5 Jun	6:23 am	6:48 am	5:23 pm	5:48 pm	rises 9:40 am	sets 8:53 pm	
Mon	6 Jun	6:23 am	6:48 am	5:23 pm	5:48 pm	rises 10:23 am	sets 9:54 pm	
Tue	7 Jun	6:23 am	6:48 am	5:23 pm	5:48 pm	rises 11:03 am	sets 10:54 pm	
Wed	8 Jun	6:24 am	6:49 am	5:23 pm	5:48 pm	rises 11:41 am	sets 11:55 pm	
Thu	9 Jun	6:24 am	6:49 am	5:23 pm	5:48 pm	rises 12:19 pm	---	1st qtr
Fri	10 Jun	6:24 am	6:50 am	5:23 pm	5:48 pm	sets 0:57 am	rises 12:58 pm	
Sat	11 Jun	6:25 am	6:50 am	5:23 pm	5:48 pm	sets 1:59 am	rises 1:40 pm	
Sun	12 Jun	6:25 am	6:50 am	5:23 pm	5:49 pm	sets 3:04 am	rises 2:25 pm	
Mon	13 Jun	6:25 am	6:51 am	5:23 pm	5:49 pm	sets 4:09 am	rises 3:15 pm	
Tue	14 Jun	6:26 am	6:51 am	5:24 pm	5:49 pm	sets 5:14 am	rises 4:09 pm	
Wed	15 Jun	6:26 am	6:51 am	5:24 pm	5:49 pm	sets 6:17 am	rises 5:08 pm	full
Thu	16 Jun	6:26 am	6:52 am	5:24 pm	5:49 pm	sets 7:15 am	rises 6:09 pm	
Fri	17 Jun	6:27 am	6:52 am	5:24 pm	5:49 pm	sets 8:07 am	rises 7:10 pm	
Sat	18 Jun	6:27 am	6:52 am	5:24 pm	5:49 pm	sets 8:53 am	rises 8:09 pm	
Sun	19 Jun	6:27 am	6:52 am	5:24 pm	5:49 pm	sets 9:33 am	rises 9:05 pm	
Mon	20 Jun	6:27 am	6:53 am	5:24 pm	5:50 pm	sets 10:09 am	rises 9:59 pm	
Tue	21 Jun	6:28 am	6:53 am	5:25 pm	5:50 pm	sets 10:43 am	rises 10:51 pm	
Wed	22 Jun	6:28 am	6:53 am	5:25 pm	5:50 pm	sets 11:15 am	rises 11:42 pm	
Thu	23 Jun	6:28 am	6:53 am	5:25 pm	5:50 pm	sets 11:46 am	---	last qtr
Fri	24 Jun	6:28 am	6:54 am	5:25 pm	5:51 pm	rises 0:33 am	sets 12:18 pm	
Sat	25 Jun	6:28 am	6:54 am	5:26 pm	5:51 pm	rises 1:24 am	sets 12:52 pm	
Sun	26 Jun	6:29 am	6:54 am	5:26 pm	5:51 pm	rises 2:16 am	sets 1:29 pm	
Mon	27 Jun	6:29 am	6:54 am	5:26 pm	5:51 pm	rises 3:10 am	sets 2:10 pm	
Tue	28 Jun	6:29 am	6:54 am	5:26 pm	5:52 pm	rises 4:05 am	sets 2:56 pm	
Wed	29 Jun	6:29 am	6:54 am	5:27 pm	5:52 pm	rises 5:00 am	sets 3:47 pm	
Thu	30 Jun	6:29 am	6:54 am	5:27 pm	5:52 pm	rises 5:55 am	sets 4:43 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Fri	1 Jul	6:29 am	6:54 am	5:27 pm	5:53 pm	rises 6:47 am	sets 5:42 pm	new
Sat	2 Jul	6:29 am	6:54 am	5:28 pm	5:53 pm	rises 7:36 am	sets 6:44 pm	
Sun	3 Jul	6:29 am	6:54 am	5:28 pm	5:53 pm	rises 8:21 am	sets 7:46 pm	
Mon	4 Jul	6:29 am	6:54 am	5:29 pm	5:54 pm	rises 9:03 am	sets 8:48 pm	
Tue	5 Jul	6:29 am	6:54 am	5:29 pm	5:54 pm	rises 9:42 am	sets 9:49 pm	
Wed	6 Jul	6:29 am	6:54 am	5:29 pm	5:54 pm	rises 10:21 am	sets 10:51 pm	
Thu	7 Jul	6:29 am	6:54 am	5:30 pm	5:55 pm	rises 10:59 am	sets 11:53 pm	
Fri	8 Jul	6:29 am	6:54 am	5:30 pm	5:55 pm	rises 11:39 am	---	1st qtr
Sat	9 Jul	6:29 am	6:54 am	5:31 pm	5:56 pm	sets 0:56 am	rises 12:22 pm	
Sun	10 Jul	6:29 am	6:54 am	5:31 pm	5:56 pm	sets 2:00 am	rises 1:09 pm	
Mon	11 Jul	6:29 am	6:54 am	5:31 pm	5:56 pm	sets 3:03 am	rises 2:01 pm	
Tue	12 Jul	6:29 am	6:54 am	5:32 pm	5:57 pm	sets 4:05 am	rises 2:57 pm	
Wed	13 Jul	6:29 am	6:53 am	5:32 pm	5:57 pm	sets 5:04 am	rises 3:56 pm	
Thu	14 Jul	6:28 am	6:53 am	5:33 pm	5:58 pm	sets 5:58 am	rises 4:56 pm	
Fri	15 Jul	6:28 am	6:53 am	5:33 pm	5:58 pm	sets 6:46 am	rises 5:55 pm	full
Sat	16 Jul	6:28 am	6:53 am	5:34 pm	5:58 pm	sets 7:28 am	rises 6:53 pm	
Sun	17 Jul	6:28 am	6:52 am	5:34 pm	5:59 pm	sets 8:06 am	rises 7:48 pm	
Mon	18 Jul	6:27 am	6:52 am	5:35 pm	5:59 pm	sets 8:41 am	rises 8:41 pm	
Tue	19 Jul	6:27 am	6:52 am	5:35 pm	6:00 pm	sets 9:14 am	rises 9:33 pm	
Wed	20 Jul	6:27 am	6:51 am	5:36 pm	6:00 pm	sets 9:46 am	rises 10:24 pm	
Thu	21 Jul	6:26 am	6:51 am	5:36 pm	6:01 pm	sets 10:18 am	rises 11:15 pm	
Fri	22 Jul	6:26 am	6:51 am	5:36 pm	6:01 pm	sets 10:51 am	---	
Sat	23 Jul	6:26 am	6:50 am	5:37 pm	6:02 pm	rises 0:07 am	sets 11:26 am	last qtr
Sun	24 Jul	6:25 am	6:50 am	5:37 pm	6:02 pm	rises 1:00 am	sets 12:05 pm	
Mon	25 Jul	6:25 am	6:49 am	5:38 pm	6:02 pm	rises 1:53 am	sets 12:48 pm	
Tue	26 Jul	6:25 am	6:49 am	5:38 pm	6:03 pm	rises 2:48 am	sets 1:36 pm	
Wed	27 Jul	6:24 am	6:49 am	5:39 pm	6:03 pm	rises 3:43 am	sets 2:29 pm	
Thu	28 Jul	6:24 am	6:48 am	5:39 pm	6:04 pm	rises 4:36 am	sets 3:27 pm	
Fri	29 Jul	6:23 am	6:48 am	5:40 pm	6:04 pm	rises 5:27 am	sets 4:28 pm	
Sat	30 Jul	6:23 am	6:47 am	5:40 pm	6:05 pm	rises 6:14 am	sets 5:31 pm	new
Sun	31 Jul	6:22 am	6:46 am	5:41 pm	6:05 pm	rises 6:58 am	sets 6:35 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Mon	1 Aug	6:22 am	6:46 am	5:41 pm	6:05 pm	rises 7:40 am	sets 7:39 pm	
Tue	2 Aug	6:21 am	6:45 am	5:42 pm	6:06 pm	rises 8:20 am	sets 8:42 pm	
Wed	3 Aug	6:20 am	6:45 am	5:42 pm	6:06 pm	rises 8:59 am	sets 9:45 pm	
Thu	4 Aug	6:20 am	6:44 am	5:43 pm	6:07 pm	rises 9:40 am	sets 10:49 pm	
Fri	5 Aug	6:19 am	6:43 am	5:43 pm	6:07 pm	rises 10:22 am	sets 11:53 pm	
Sat	6 Aug	6:19 am	6:43 am	5:44 pm	6:08 pm	rises 11:08 am	---	1st qtr
Sun	7 Aug	6:18 am	6:42 am	5:44 pm	6:08 pm	sets 0:57 am	rises 11:58 am	
Mon	8 Aug	6:17 am	6:41 am	5:45 pm	6:09 pm	sets 1:59 am	rises 12:51 pm	
Tue	9 Aug	6:17 am	6:41 am	5:45 pm	6:09 pm	sets 2:58 am	rises 1:48 pm	
Wed	10 Aug	6:16 am	6:40 am	5:46 pm	6:09 pm	sets 3:52 am	rises 2:47 pm	
Thu	11 Aug	6:15 am	6:39 am	5:46 pm	6:10 pm	sets 4:41 am	rises 3:46 pm	
Fri	12 Aug	6:14 am	6:38 am	5:46 pm	6:10 pm	sets 5:25 am	rises 4:43 pm	
Sat	13 Aug	6:14 am	6:37 am	5:47 pm	6:11 pm	sets 6:04 am	rises 5:39 pm	full
Sun	14 Aug	6:13 am	6:37 am	5:47 pm	6:11 pm	sets 6:40 am	rises 6:33 pm	
Mon	15 Aug	6:12 am	6:36 am	5:48 pm	6:11 pm	sets 7:14 am	rises 7:25 pm	
Tue	16 Aug	6:11 am	6:35 am	5:48 pm	6:12 pm	sets 7:46 am	rises 8:16 pm	
Wed	17 Aug	6:11 am	6:34 am	5:49 pm	6:12 pm	sets 8:18 am	rises 9:07 pm	
Thu	18 Aug	6:10 am	6:33 am	5:49 pm	6:13 pm	sets 8:51 am	rises 9:59 pm	
Fri	19 Aug	6:09 am	6:32 am	5:49 pm	6:13 pm	sets 9:25 am	rises 10:51 pm	
Sat	20 Aug	6:08 am	6:32 am	5:50 pm	6:13 pm	sets 10:02 am	rises 11:44 pm	
Sun	21 Aug	6:07 am	6:31 am	5:50 pm	6:14 pm	sets 10:43 am	---	last qtr
Mon	22 Aug	6:06 am	6:30 am	5:51 pm	6:14 pm	rises 0:37 am	sets 11:28 am	
Tue	23 Aug	6:05 am	6:29 am	5:51 pm	6:15 pm	rises 1:31 am	sets 12:17 pm	
Wed	24 Aug	6:04 am	6:28 am	5:52 pm	6:15 pm	rises 2:24 am	sets 1:12 pm	
Thu	25 Aug	6:04 am	6:27 am	5:52 pm	6:15 pm	rises 3:15 am	sets 2:11 pm	
Fri	26 Aug	6:03 am	6:26 am	5:52 pm	6:16 pm	rises 4:03 am	sets 3:13 pm	
Sat	27 Aug	6:02 am	6:25 am	5:53 pm	6:16 pm	rises 4:49 am	sets 4:16 pm	
Sun	28 Aug	6:01 am	6:24 am	5:53 pm	6:16 pm	rises 5:32 am	sets 5:20 pm	
Mon	29 Aug	6:00 am	6:23 am	5:54 pm	6:17 pm	rises 6:13 am	sets 6:25 pm	new
Tue	30 Aug	5:59 am	6:22 am	5:54 pm	6:17 pm	rises 6:54 am	sets 7:30 pm	
Wed	31 Aug	5:58 am	6:21 am	5:54 pm	6:18 pm	rises 7:36 am	sets 8:36 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Thu	1 Sep	5:57 am	6:20 am	5:55 pm	6:18 pm	rises 8:19 am	sets 9:42 pm	
Fri	2 Sep	5:56 am	6:19 am	5:55 pm	6:18 pm	rises 9:05 am	sets 10:48 pm	
Sat	3 Sep	5:55 am	6:18 am	5:56 pm	6:19 pm	rises 9:55 am	sets 11:52 pm	
Sun	4 Sep	5:54 am	6:17 am	5:56 pm	6:19 pm	rises 10:48 am	---	1st qtr
Mon	5 Sep	5:53 am	6:16 am	5:56 pm	6:19 pm	sets 0:53 am	rises 11:44 am	
Tue	6 Sep	5:52 am	6:15 am	5:57 pm	6:20 pm	sets 1:49 am	rises 12:42 pm	
Wed	7 Sep	5:51 am	6:14 am	5:57 pm	6:20 pm	sets 2:39 am	rises 1:41 pm	
Thu	8 Sep	5:50 am	6:13 am	5:58 pm	6:21 pm	sets 3:24 am	rises 2:38 pm	
Fri	9 Sep	5:48 am	6:11 am	5:58 pm	6:21 pm	sets 4:04 am	rises 3:33 pm	
Sat	10 Sep	5:47 am	6:10 am	5:58 pm	6:21 pm	sets 4:41 am	rises 4:27 pm	
Sun	11 Sep	5:46 am	6:09 am	5:59 pm	6:22 pm	sets 5:15 am	rises 5:19 pm	
Mon	12 Sep	5:45 am	6:08 am	5:59 pm	6:22 pm	sets 5:47 am	rises 6:11 pm	full
Tue	13 Sep	5:44 am	6:07 am	5:59 pm	6:22 pm	sets 6:19 am	rises 7:02 pm	
Wed	14 Sep	5:43 am	6:06 am	6:00 pm	6:23 pm	sets 6:52 am	rises 7:53 pm	
Thu	15 Sep	5:42 am	6:05 am	6:00 pm	6:23 pm	sets 7:25 am	rises 8:44 pm	
Fri	16 Sep	5:41 am	6:04 am	6:01 pm	6:24 pm	sets 8:01 am	rises 9:37 pm	
Sat	17 Sep	5:40 am	6:03 am	6:01 pm	6:24 pm	sets 8:41 am	rises 10:29 pm	
Sun	18 Sep	5:39 am	6:02 am	6:01 pm	6:24 pm	sets 9:23 am	rises 11:22 pm	
Mon	19 Sep	5:38 am	6:01 am	6:02 pm	6:25 pm	sets 10:10 am	---	
Tue	20 Sep	5:37 am	5:59 am	6:02 pm	6:25 pm	rises 0:14 am	sets 11:02 am	last qtr
Wed	21 Sep	5:35 am	5:58 am	6:03 pm	6:26 pm	rises 1:05 am	sets 11:57 am	
Thu	22 Sep	5:34 am	5:57 am	6:03 pm	6:26 pm	rises 1:53 am	sets 12:56 pm	
Fri	23 Sep	5:33 am	5:56 am	6:03 pm	6:26 pm	rises 2:38 am	sets 1:57 pm	
Sat	24 Sep	5:32 am	5:55 am	6:04 pm	6:27 pm	rises 3:22 am	sets 3:00 pm	
Sun	25 Sep	5:31 am	5:54 am	6:04 pm	6:27 pm	rises 4:04 am	sets 4:03 pm	
Mon	26 Sep	5:30 am	5:53 am	6:05 pm	6:28 pm	rises 4:45 am	sets 5:08 pm	
Tue	27 Sep	5:29 am	5:52 am	6:05 pm	6:28 pm	rises 5:26 am	sets 6:15 pm	new
Wed	28 Sep	5:28 am	5:51 am	6:05 pm	6:28 pm	rises 6:10 am	sets 7:23 pm	
Thu	29 Sep	5:27 am	5:50 am	6:06 pm	6:29 pm	rises 6:56 am	sets 8:31 pm	
Fri	30 Sep	5:25 am	5:48 am	6:06 pm	6:29 pm	rises 7:46 am	sets 9:38 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Sat	1 Oct	5:24 am	5:47 am	6:07 pm	6:30 pm	rises 8:40 am	sets 10:43 pm	
Sun	2 Oct	5:23 am	5:46 am	6:07 pm	6:30 pm	rises 9:37 am	sets 11:42 pm	
Mon	3 Oct	5:22 am	5:45 am	6:08 pm	6:31 pm	rises 10:36 am	---	
Tue	4 Oct	5:21 am	5:44 am	6:08 pm	6:31 pm	sets 0:35 am	rises 11:35 am	1st qtr
Wed	5 Oct	5:20 am	5:43 am	6:08 pm	6:32 pm	sets 1:22 am	rises 12:33 pm	
Thu	6 Oct	5:19 am	5:42 am	6:09 pm	6:32 pm	sets 2:04 am	rises 1:29 pm	
Fri	7 Oct	5:18 am	5:41 am	6:09 pm	6:33 pm	sets 2:42 am	rises 2:23 pm	
Sat	8 Oct	5:17 am	5:40 am	6:10 pm	6:33 pm	sets 3:16 am	rises 3:15 pm	
Sun	9 Oct	5:16 am	5:39 am	6:10 pm	6:34 pm	sets 3:49 am	rises 4:07 pm	
Mon	10 Oct	5:15 am	5:38 am	6:11 pm	6:34 pm	sets 4:21 am	rises 4:57 pm	
Tue	11 Oct	5:14 am	5:37 am	6:11 pm	6:35 pm	sets 4:53 am	rises 5:48 pm	
Wed	12 Oct	5:13 am	5:36 am	6:12 pm	6:35 pm	sets 5:27 am	rises 6:40 pm	full
Thu	13 Oct	5:12 am	5:35 am	6:12 pm	6:36 pm	sets 6:02 am	rises 7:32 pm	
Fri	14 Oct	5:11 am	5:34 am	6:13 pm	6:36 pm	sets 6:40 am	rises 8:24 pm	
Sat	15 Oct	5:10 am	5:33 am	6:13 pm	6:37 pm	sets 7:22 am	rises 9:17 pm	
Sun	16 Oct	5:09 am	5:32 am	6:14 pm	6:37 pm	sets 8:07 am	rises 10:09 pm	
Mon	17 Oct	5:08 am	5:31 am	6:14 pm	6:38 pm	sets 8:57 am	rises 10:59 pm	
Tue	18 Oct	5:07 am	5:30 am	6:15 pm	6:38 pm	sets 9:50 am	rises 11:47 pm	
Wed	19 Oct	5:06 am	5:29 am	6:15 pm	6:39 pm	sets 10:46 am	---	
Thu	20 Oct	5:05 am	5:28 am	6:16 pm	6:40 pm	rises 0:32 am	sets 11:44 am	last qtr
Fri	21 Oct	5:04 am	5:27 am	6:16 pm	6:40 pm	rises 1:15 am	sets 12:44 pm	
Sat	22 Oct	5:03 am	5:27 am	6:17 pm	6:41 pm	rises 1:56 am	sets 1:45 pm	
Sun	23 Oct	5:02 am	5:26 am	6:18 pm	6:41 pm	rises 2:36 am	sets 2:47 pm	
Mon	24 Oct	5:01 am	5:25 am	6:18 pm	6:42 pm	rises 3:16 am	sets 3:51 pm	
Tue	25 Oct	5:00 am	5:24 am	6:19 pm	6:43 pm	rises 3:58 am	sets 4:58 pm	
Wed	26 Oct	4:59 am	5:23 am	6:19 pm	6:43 pm	rises 4:42 am	sets 6:06 pm	new
Thu	27 Oct	4:59 am	5:22 am	6:20 pm	6:44 pm	rises 5:31 am	sets 7:15 pm	
Fri	28 Oct	4:58 am	5:22 am	6:21 pm	6:45 pm	rises 6:24 am	sets 8:23 pm	
Sat	29 Oct	4:57 am	5:21 am	6:21 pm	6:45 pm	rises 7:22 am	sets 9:27 pm	
Sun	30 Oct	4:56 am	5:20 am	6:22 pm	6:46 pm	rises 8:23 am	sets 10:25 pm	
Mon	31 Oct	4:55 am	5:19 am	6:22 pm	6:47 pm	rises 9:24 am	sets 11:16 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Tue	1 Nov	4:55 am	5:19 am	6:23 pm	6:47 pm	rises 10:25 am	---	
Wed	2 Nov	4:54 am	5:18 am	6:24 pm	6:48 pm	sets 0:01 am	rises 11:23 am	1st qtr
Thu	3 Nov	4:53 am	5:17 am	6:24 pm	6:49 pm	sets 0:41 am	rises 12:18 pm	
Fri	4 Nov	4:52 am	5:17 am	6:25 pm	6:49 pm	sets 1:17 am	rises 1:11 pm	
Sat	5 Nov	4:52 am	5:16 am	6:26 pm	6:50 pm	sets 1:51 am	rises 2:03 pm	
Sun	6 Nov	4:51 am	5:15 am	6:26 pm	6:51 pm	sets 2:23 am	rises 2:53 pm	
Mon	7 Nov	4:50 am	5:15 am	6:27 pm	6:52 pm	sets 2:55 am	rises 3:44 pm	
Tue	8 Nov	4:50 am	5:14 am	6:28 pm	6:52 pm	sets 3:28 am	rises 4:35 pm	
Wed	9 Nov	4:49 am	5:14 am	6:28 pm	6:53 pm	sets 4:03 am	rises 5:27 pm	
Thu	10 Nov	4:49 am	5:13 am	6:29 pm	6:54 pm	sets 4:40 am	rises 6:20 pm	full
Fri	11 Nov	4:48 am	5:13 am	6:30 pm	6:55 pm	sets 5:21 am	rises 7:12 pm	
Sat	12 Nov	4:47 am	5:12 am	6:31 pm	6:55 pm	sets 6:05 am	rises 8:05 pm	
Sun	13 Nov	4:47 am	5:12 am	6:31 pm	6:56 pm	sets 6:54 am	rises 8:56 pm	
Mon	14 Nov	4:46 am	5:11 am	6:32 pm	6:57 pm	sets 7:46 am	rises 9:44 pm	
Tue	15 Nov	4:46 am	5:11 am	6:33 pm	6:58 pm	sets 8:41 am	rises 10:30 pm	
Wed	16 Nov	4:46 am	5:10 am	6:33 pm	6:58 pm	sets 9:38 am	rises 11:13 pm	
Thu	17 Nov	4:45 am	5:10 am	6:34 pm	6:59 pm	sets 10:35 am	rises 11:53 pm	
Fri	18 Nov	4:45 am	5:10 am	6:35 pm	7:00 pm	sets 11:34 am	---	last qtr
Sat	19 Nov	4:44 am	5:09 am	6:36 pm	7:01 pm	rises 0:32 am	sets 12:33 pm	
Sun	20 Nov	4:44 am	5:09 am	6:36 pm	7:02 pm	rises 1:10 am	sets 1:34 pm	
Mon	21 Nov	4:44 am	5:09 am	6:37 pm	7:02 pm	rises 1:50 am	sets 2:37 pm	
Tue	22 Nov	4:43 am	5:08 am	6:38 pm	7:03 pm	rises 2:31 am	sets 3:43 pm	
Wed	23 Nov	4:43 am	5:08 am	6:39 pm	7:04 pm	rises 3:16 am	sets 4:50 pm	
Thu	24 Nov	4:43 am	5:08 am	6:39 pm	7:05 pm	rises 4:07 am	sets 5:58 pm	
Fri	25 Nov	4:43 am	5:08 am	6:40 pm	7:06 pm	rises 5:02 am	sets 7:05 pm	new
Sat	26 Nov	4:42 am	5:08 am	6:41 pm	7:06 pm	rises 6:02 am	sets 8:08 pm	
Sun	27 Nov	4:42 am	5:08 am	6:42 pm	7:07 pm	rises 7:05 am	sets 9:04 pm	
Mon	28 Nov	4:42 am	5:08 am	6:42 pm	7:08 pm	rises 8:08 am	sets 9:53 pm	
Tue	29 Nov	4:42 am	5:07 am	6:43 pm	7:09 pm	rises 9:09 am	sets 10:36 pm	
Wed	30 Nov	4:42 am	5:07 am	6:44 pm	7:09 pm	rises 10:08 am	sets 11:15 pm	

PRETORIA 2011		TWILIGHT STARTS	SUN RISES	SUN SETS	TWILIGHT ENDS	MOON		
Thu	1 Dec	4:42 am	5:07 am	6:45 pm	7:10 pm	rises 11:03 am	sets 11:50 pm	
Fri	2 Dec	4:42 am	5:07 am	6:45 pm	7:11 pm	rises 11:56 am	---	1st qtr
Sat	3 Dec	4:42 am	5:07 am	6:46 pm	7:12 pm	sets 0:23 am	rises 12:47 pm	
Sun	4 Dec	4:42 am	5:08 am	6:47 pm	7:13 pm	sets 0:55 am	rises 1:38 pm	
Mon	5 Dec	4:42 am	5:08 am	6:48 pm	7:13 pm	sets 1:28 am	rises 2:29 pm	
Tue	6 Dec	4:42 am	5:08 am	6:48 pm	7:14 pm	sets 2:02 am	rises 3:21 pm	
Wed	7 Dec	4:42 am	5:08 am	6:49 pm	7:15 pm	sets 2:38 am	rises 4:13 pm	
Thu	8 Dec	4:42 am	5:08 am	6:50 pm	7:15 pm	sets 3:18 am	rises 5:06 pm	
Fri	9 Dec	4:42 am	5:08 am	6:50 pm	7:16 pm	sets 4:01 am	rises 5:59 pm	
Sat	10 Dec	4:43 am	5:08 am	6:51 pm	7:17 pm	sets 4:49 am	rises 6:51 pm	full
Sun	11 Dec	4:43 am	5:09 am	6:52 pm	7:18 pm	sets 5:41 am	rises 7:41 pm	
Mon	12 Dec	4:43 am	5:09 am	6:52 pm	7:18 pm	sets 6:36 am	rises 8:28 pm	
Tue	13 Dec	4:43 am	5:09 am	6:53 pm	7:19 pm	sets 7:33 am	rises 9:12 pm	
Wed	14 Dec	4:44 am	5:10 am	6:54 pm	7:19 pm	sets 8:30 am	rises 9:53 pm	
Thu	15 Dec	4:44 am	5:10 am	6:54 pm	7:20 pm	sets 9:29 am	rises 10:32 pm	
Fri	16 Dec	4:44 am	5:10 am	6:55 pm	7:21 pm	sets 10:27 am	rises 11:10 pm	
Sat	17 Dec	4:45 am	5:11 am	6:55 pm	7:21 pm	sets 11:26 am	rises 11:48 pm	
Sun	18 Dec	4:45 am	5:11 am	6:56 pm	7:22 pm	sets 12:27 pm	---	last qtr
Mon	19 Dec	4:45 am	5:11 am	6:56 pm	7:22 pm	rises 0:27 am	sets 1:29 pm	
Tue	20 Dec	4:46 am	5:12 am	6:57 pm	7:23 pm	rises 1:09 am	sets 2:33 pm	
Wed	21 Dec	4:46 am	5:12 am	6:57 pm	7:23 pm	rises 1:55 am	sets 3:38 pm	
Thu	22 Dec	4:47 am	5:13 am	6:58 pm	7:24 pm	rises 2:47 am	sets 4:44 pm	
Fri	23 Dec	4:47 am	5:13 am	6:58 pm	7:24 pm	rises 3:43 am	sets 5:48 pm	
Sat	24 Dec	4:48 am	5:14 am	6:59 pm	7:25 pm	rises 4:44 am	sets 6:47 pm	new
Sun	25 Dec	4:48 am	5:14 am	6:59 pm	7:25 pm	rises 5:47 am	sets 7:40 pm	
Mon	26 Dec	4:49 am	5:15 am	7:00 pm	7:26 pm	rises 6:50 am	sets 8:27 pm	
Tue	27 Dec	4:50 am	5:16 am	7:00 pm	7:26 pm	rises 7:51 am	sets 9:09 pm	
Wed	28 Dec	4:50 am	5:16 am	7:01 pm	7:27 pm	rises 8:49 am	sets 9:47 pm	
Thu	29 Dec	4:51 am	5:17 am	7:01 pm	7:27 pm	rises 9:45 am	sets 10:21 pm	
Fri	30 Dec	4:51 am	5:17 am	7:01 pm	7:27 pm	rises 10:38 am	sets 10:55 pm	
Sat	31 Dec	4:52 am	5:18 am	7:02 pm	7:27 pm	rises 11:30 am	sets 11:27 pm	