

Location: 84° 25' W 33° 46' N
 Eastern Time Zone

ATLANTA, GEORGIA

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 United States Naval Observatory
 Washington, D.C. 20392-5420
<http://www.usno.navy.mil/>

Rise and Set table for the Moon for 2010

If rise time is later than set time (*italics*),
 the moon is not up between those times.

Table includes Daylight Savings Time (March 14 – November 7)

Day	January		February		March		April		May		June		July		August		September		October		November		December	
	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm	Rise hh:mm	Set hh:mm
1	18:58	08:28	21:21	08:55	20:05	07:22	23:16	08:41	23:57	08:57		10:36	23:55	11:14	23:49	12:47		14:36	00:29	15:08	02:47	15:40	02:58	14:23
2	20:12	09:13	22:29	09:27	21:15	07:56		09:26		09:54	00:30	11:33		12:08		13:45	00:37	15:33	01:34	15:52	03:55	16:14	04:06	15:01
3	21:24	09:51	23:36	10:00	22:24	08:31	00:19	10:16	00:44	10:52	01:00	12:28	00:21	13:03	00:24	14:46	01:36	16:27	02:43	16:32	05:04	16:49	05:15	15:45
4	22:33	10:26		10:35	23:31	09:08	01:17	11:10	01:25	11:50	01:27	13:23	00:48	13:59	01:04	15:47	02:41	17:15	03:53	17:08	06:13	17:26	06:22	16:33
5	23:39	10:58	00:42	11:12		09:49	02:07	12:06	02:00	12:47	01:53	14:18	01:17	14:57	01:52	16:48	03:51	17:59	05:03	17:44	07:24	18:08	07:25	17:28
6		11:29	01:45	11:54	00:34	10:35	02:51	13:03	02:31	13:43	02:20	15:14	01:50	15:58	02:49	17:46	05:03	18:38	06:14	18:19	08:34	18:55	08:23	18:27
7	00:44	12:01	02:46	12:40	01:34	11:25	03:29	14:01	02:59	14:38	02:48	16:11	02:28	17:01	03:53	18:39	06:16	19:15	07:25	18:55	08:41	18:47	09:14	19:27
8	01:48	12:35	03:42	13:31	02:27	12:19	04:02	14:57	03:26	15:33	03:19	17:12	03:13	18:04	05:03	19:27	07:28	19:50	08:37	19:35	09:42	19:44	09:57	20:28
9	02:51	13:13	04:32	14:25	03:14	13:15	04:31	15:53	03:53	16:29	03:54	18:15	04:06	19:05	06:16	20:08	08:40	20:26	09:48	20:19	10:36	20:43	10:34	21:27
10	03:53	13:55	05:16	15:21	03:54	14:12	04:59	16:48	04:20	17:26	04:36	19:19	05:08	20:02	07:30	20:46	09:51	21:03	10:57	21:08	11:23	21:43	11:07	22:24
11	04:51	14:43	05:55	16:18	04:30	15:09	05:25	17:43	04:49	18:26	05:25	20:22	06:16	20:53	08:42	21:21	11:02	21:44	12:00	22:01	12:03	22:42	11:36	23:19
12	05:46	15:35	06:29	17:15	05:01	16:05	05:52	18:40	05:22	19:28	06:23	21:22	07:29	21:37	09:53	21:56	12:10	22:29	12:57	22:58	12:37	23:40	12:03	
13	06:34	16:30	06:59	18:11	05:30	17:00	06:20	19:38	06:00	20:31	07:28	22:15	08:41	22:15	11:03	22:31	13:15	23:18	13:47	23:57	13:08		12:30	00:14
14	07:17	17:27	07:27	19:07	06:57	18:56	06:50	20:38	06:45	21:35	08:38	23:01	09:53	22:51	12:12	23:08	14:14		14:30		13:36	00:35	12:57	01:08
15	07:54	18:25	07:53	20:02	07:23	19:51	07:25	21:40	07:37	22:36	09:48	23:41	11:02	23:24	13:19	23:49	15:07	00:12	15:06	00:55	14:03	01:30	13:26	02:03
16	08:27	19:21	08:19	20:57	07:50	20:48	08:04	22:43	08:37	23:32	10:59		12:10	23:57	14:24		15:53	01:08	15:38	01:53	14:30	02:24	13:58	02:59
17	08:56	20:17	08:45	21:54	08:18	21:46	08:50	23:45	09:42		12:07	00:17	13:17		15:25	00:34	16:32	02:06	16:08	02:49	14:58	03:19	14:35	03:58
18	09:23	21:12	09:14	22:52	08:49	22:46	09:44		10:51	00:21	13:14	00:50	14:23	00:31	16:21	01:23	17:07	03:03	16:35	03:44	15:28	04:15	15:17	04:58
19	09:49	22:07	09:46	23:53	09:24	23:48	10:45	00:43	12:00	01:04	14:19	01:22	15:29	01:09	17:11	02:17	17:37	04:00	17:02	04:38	16:02	05:13	16:06	05:59
20	10:14	23:03	10:22		10:05		11:50	01:36	13:08	01:41	15:25	01:55	16:32	01:50	17:54	03:14	18:06	04:56	17:29	05:33	16:41	06:12	17:03	06:58
21	10:41		11:05	00:55	10:52	00:51	12:58	02:23	14:14	02:16	16:31	02:30	17:31	02:36	18:32	04:11	18:32	05:50	17:57	06:28	17:26	07:13	18:06	07:53
22	11:11	00:00	11:56	01:58	11:48	01:51	14:07	03:04	15:21	02:48	17:35	03:08	18:25	03:26	19:05	05:09	18:59	06:45	18:29	07:25	18:18	08:13	19:13	08:43
23	11:44	01:00	12:56	02:59	12:50	02:48	15:15	03:40	16:27	03:20	18:38	03:51	19:13	04:21	19:34	06:05	19:26	07:39	19:04	08:23	19:16	09:10	20:22	09:28
24	12:24	02:03	14:03	03:56	13:58	03:40	16:23	04:14	17:33	03:53	19:36	04:39	19:54	05:19	20:02	07:01	19:55	08:35	19:44	09:23	20:19	10:02	21:30	10:07
25	13:12	03:08	15:15	04:47	15:08	04:25	17:31	04:47	18:40	04:29	20:29	05:32	20:30	06:17	20:28	07:56	20:27	09:32	20:31	10:23	21:26	10:49	22:38	10:43
26	14:09	04:13	16:29	05:32	16:19	05:05	18:39	05:20	19:45	05:10	21:15	06:28	21:02	07:15	20:55	08:50	21:03	10:30	21:24	11:21	22:32	11:30	23:45	11:17
27	15:15	05:15	17:42	06:12	17:30	05:42	19:48	05:55	20:48	05:55	21:55	07:27	21:31	08:11	21:22	09:45	21:45	11:29	22:23	12:15	23:39	12:07		11:50
28	16:28	06:11	18:55	06:48	18:40	06:16	20:55	06:33	21:45	06:46	22:30	08:25	21:58	09:07	21:51	10:40	22:33	12:28	23:26	13:05		12:41	00:51	12:24
29	17:43	07:00			19:50	06:50	22:01	07:16	22:36	07:41	23:00	09:23	22:24	10:01	22:24	11:37	23:28	13:26		13:49	00:45	13:14	01:57	13:01
30	18:58	07:43			21:00	07:24	23:02	08:04	23:20	08:39	23:28	10:19	22:51	10:55	23:02	12:36		14:19	00:32	14:29	01:52	13:48	03:04	13:41
31	20:11	08:20			22:09	08:01			23:57	09:38			23:18	11:50	23:46	13:36			01:40	15:06			04:10	14:27

Moon phase by date (and exact astronomical time) for 2010

NEW MOON		
	d	hh:mm
JAN.	15	07:11
FEB.	14	02:51
MAR.	15	22:01
APR.	14	13:29
MAY	14	02:04
JUNE	12	12:15
JULY	11	20:40
AUG.	10	04:08
SEPT.	8	11:30
OCT.	7	19:44
NOV.	6	05:52
DEC.	5	17:36

FIRST QUARTER		
	d	hh:mm
JAN.	23	10:53
FEB.	22	00:42
MAR.	23	12:00
APR.	21	19:20
MAY	21	00:43
JUNE	19	05:29
JULY	18	11:11
AUG.	16	19:14
SEPT.	15	06:50
OCT.	14	22:27
NOV.	13	16:39
DEC.	13	13:59

FULL MOON		
	d	hh:mm
JAN.	30	06:18
FEB.	28	16:38
MAR.	30	03:25
APR.	28	13:18
MAY	28	00:07
JUNE	26	12:30
JULY	26	02:37
AUG.	24	18:05
SEPT.	23	10:17
OCT.	23	02:36
NOV.	21	17:27
DEC.	21	08:13

THIRD QUARTER		
	d	hh:mm
JAN.	7	10:39
FEB.	5	23:48
MAR.	7	15:42
APR.	6	10:37
MAY	6	05:15
JUNE	4	23:13
JULY	4	15:35
AUG.	3	05:59
SEPT.	1	18:22
OCT.	1	04:52
OCT.	30	13:46
NOV.	28	20:36
DEC.	28	04:18