

Location: 84° 25' W 33° 46' N

Eastern Time

ATLANTA, GEORGIA

Astronomical Applications Dept.

U. S. Naval Observatory

Washington, DC. 20392-5420

<http://www.usno.navy.mil/>

If Rise time is blank, the moon was already up at midnight

If Set time is blank, the moon will be up at midnight

If Rise time is after Set time, the moon is not up between them

Rise and Set table for the Moon for 2008

Table includes Daylight Savings (Mar. 9-Nov. 2)

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

Moon phases by date (and exact astronomical time) for 2008

NEW MOON		
	d	hh:mm
JAN.	8	11:37
FEB.	7	03:44
MAR.	7	17:14
APR.	6	04:55
MAY	5	13:18
JUNE	3	20:23
JULY	3	03:19
AUG.	1	11:13
AUG.	30	20:58
SEPT.	29	09:12
OCT.	29	00:14
NOV.	27	16:55
DEC.	27	12:22

FIRST QUARTER		
	d	hh:mm
JAN.	15	19:46
FEB.	14	03:33
MAR.	14	11:46
APR.	12	19:32
MAY	12	04:47
JUNE	10	16:04
JULY	10	05:35
AUG.	8	21:20
SEPT.	7	15:04
OCT.	7	10:04
NOV.	6	04:03
DEC.	5	21:26

FULL MOON		
	d	hh:mm
JAN.	22	13:35
FEB.	21	03:30
MAR.	21	19:40
APR.	20	11:25
MAY	20	03:11
JUNE	18	18:30
JULY	18	08:59
AUG.	16	22:16
SEPT.	15	10:13
OCT.	14	21:02
NOV.	13	06:17
DEC.	12	16:37

THIRD QUARTER		
	d	hh:mm
JAN.	30	05:03
FEB.	29	02:18
MAR.	29	22:47
APR.	28	15:12
MAY	28	03:57
JUNE	26	13:10
JULY	25	19:42
AUG.	24	00:50
SEPT.	22	06:04
OCT.	21	12:55
NOV.	19	21:31
DEC.	19	10:29