

MOONRISE AND MOONSET, JANUARY AND FEBRUARY 2022

UNIVERSAL TIME AT GREENWICH MERIDIAN

Latitude: +20°	+30°	+35°	+40°	+45°	+50°	+55°	+60°
Event: RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET
Jan. 1	05:06 16:15	05:30 15:50	05:44 15:35	06:01 15:18	06:20 14:58	06:45 14:32	06:45 14:32
2	06:15 17:20	06:41 16:54	06:56 16:39	07:14 16:21	15:59	00:00 15:32	08:03 15:32
3	07:20 18:28	07:46 18:04	08:01 17:49	08:18 17:32	08:39 17:12	09:05 16:47	09:05 16:47
4	08:19 19:36	08:42 19:15	08:55 19:03	09:10 18:49	09:28 18:32	09:50 18:11	09:50 18:11
5	09:11 20:40	09:29 20:24	09:39 20:14	09:51 20:04	10:05 19:51	10:22 19:36	10:22 19:36
6	09:55 21:39	10:08 21:29	10:16 21:23	10:24 21:16	10:34 21:07	10:46 20:57	10:46 20:57
7	10:35 22:35	10:43 22:30	10:47 22:27	10:52 22:23	10:58 22:19	11:04 22:14	11:04 22:14
8	11:11 23:28	11:13 23:28	11:15 23:28	11:16 23:28	11:18 23:28	11:20 23:28	11:20 23:28
9	11:45	11:43	11:41	11:39	11:37	11:35	11:35
10	12:19 00:18	12:11 00:24	12:07 00:27	12:02 00:30	11:57 00:34	11:50 00:39	11:50 00:39
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12	13:30 01:59	13:13 02:14	13:04 02:22	12:53 02:32	12:40 02:44	12:25 02:58	12:25 02:58
13	14:09 02:51	13:48 03:09	13:37 03:20	13:23 03:33	13:07 03:48	12:48 04:06	12:48 04:06
14	14:51 03:43	14:28 04:05	14:15 04:18	13:59 04:33	13:40 04:51	13:17 05:14	13:17 05:14
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16	16:29 05:28	16:03 05:54	15:48 06:09	15:30 06:26	15:09 06:47	14:42 07:14	14:42 07:14
17	<i>17:22 06:18</i>	<i>16:57 06:43</i>	<i>16:43 06:58</i>	<i>16:26 07:15</i>	<i>16:06 07:36</i>	<i>15:40 08:02</i>	<i>15:40 08:02</i>
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19	19:11 07:50	18:53 08:10	18:42 08:21	18:30 08:35	18:15 08:50	17:58 09:09	17:58 09:09
20	20:05 08:31	19:52 08:47	19:44 08:56	19:35 09:06	19:24 09:18	19:11 09:33	19:11 09:33
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24	23:42 10:57	23:49 10:53	23:53 10:50	23:58 10:47	10:44	10:40	10:40
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26	00:40 12:17	00:53 12:02	01:00 11:54	01:09 11:44	01:19 11:32	01:31 11:18	01:31 11:18
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28	02:47 13:58	03:09 13:34	03:22 13:20	03:38 13:04	03:56 12:45	04:19 12:21	04:19 12:21
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31	06:01 17:12	06:25 16:49	06:39 16:35	06:56 16:20	07:15 16:01	07:39 15:37	07:39 15:37
Feb. 1	06:56 18:18	07:16 17:59	07:28 17:49	07:42 17:36	07:58 17:21	08:17 17:03	08:17 17:03
2	07:44 19:21	08:00 19:08	08:09 19:00	08:19 18:51	08:31 18:41	08:45 18:28	08:45 18:28
3	08:27 20:20	08:37 20:12	08:43 20:08	08:49 20:03	08:57 19:57	09:06 19:50	09:06 19:50
4	09:05 21:15	09:10 21:13	09:13 21:12	09:16 21:10	09:19 21:09	09:24 21:07	09:24 21:07
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6	10:16 23:00	10:10 23:09	10:07 23:13	10:04 23:19	09:59 23:25	09:54 23:33	09:54 23:33
7	10:51 23:52	10:40	10:34	10:28	10:20	10:10	10:10
8	11:27	11:12 00:05	11:03 00:12	10:53 00:21	10:42 00:31	10:28 00:44	10:28 00:44
9	12:05 00:43	11:46 01:01	11:35 01:11	11:22 01:23	11:07 01:37	10:49 01:54	10:49 01:54
10	12:47 01:36	12:24 01:57	12:11 02:09	11:56 02:24	11:38 02:41	11:16 03:02	11:16 03:02
11	13:32 02:28	13:07 02:53	12:53 03:07	12:36 03:23	12:16 03:43	11:50 04:08	11:50 04:08
12	14:21 03:21	13:55 03:47	13:40 04:02	13:22 04:19	13:01 04:40	12:34 05:07	12:34 05:07
13	15:14 04:12	14:48 04:38	14:33 04:53	14:16 05:10	13:55 05:31	13:29 05:58	13:29 05:58
14	16:08 05:01	15:45 05:25	15:31 05:39	15:15 05:55	14:57 06:15	14:33 06:39	14:33 06:39
15	17:03 05:47	16:44 06:08	16:32 06:20	16:19 06:34	16:03 06:51	15:44 07:11	15:44 07:11
16	<i>17:59 06:29</i>	<i>17:43 06:46</i>	<i>17:34 06:56</i>	<i>17:24 07:07</i>	<i>17:12 07:21</i>	<i>16:57 07:37</i>	<i>16:57 07:37</i>
17	18:53 07:08	18:43 07:21	18:37 07:28	18:30 07:36	18:22 07:46	18:12 07:57	18:12 07:57
18	19:48 07:46	19:43 07:53	19:40 07:58	19:36 08:03	19:32 08:08	19:28 08:15	19:28 08:15
19	20:42 08:22	20:43 08:24	20:43 08:26	20:43 08:27	20:43 08:29	20:44 08:31	20:44 08:31
20	21:38 08:58	21:43 08:55	21:47 08:53	21:51 08:52	21:55 08:49	22:01 08:47	22:01 08:47
21	22:35 09:36	22:46 09:27	22:53 09:23	23:01 09:17	23:09 09:11	23:20 09:03	23:20 09:03
22	23:35 10:16	23:52 10:02	09:54	09:45	09:35	09:22	09:22
23	11:01	10:42	00:01 10:31	00:13 10:19	00:26 10:04	00:42 09:46	00:42 09:46
24	00:37 11:51	00:59 11:28	01:12 11:14	01:26 10:59	01:44 10:41	02:05 10:18	02:05 10:18
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27	03:48 14:54	04:13 14:29	04:28 14:15	04:45 13:58	05:06 13:38	05:32 13:12	05:32 13:12
28	04:44 15:59	05:06 15:39	05:19 15:26	05:34 15:12	05:52 14:55	06:14 14:35	06:14 14:35

Bold = new Moon, *italic* = full Moon. A gap in a column indicates the event will take place early the next day.

MOONRISE AND MOONSET, MARCH AND APRIL 2022

UNIVERSAL TIME AT GREENWICH MERIDIAN

Latitude: +20°	+30°	+35°	+40°	+45°	+50°	+55°	+60°	
Event: RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	
Mar. 1	05:34 17:03	05:52 16:47	06:02 16:38	06:14 16:27	06:28 16:14	06:45 15:59	06:45 15:59	07:35 15:13
2	06:18 18:03	06:31 17:53	06:38 17:47	06:47 17:40	06:56 17:32	07:08 17:22	07:08 17:22	07:41 16:53
3	06:58 19:00	07:06 18:56	07:10 18:53	07:15 18:50	07:20 18:46	07:27 18:42	07:27 18:42	07:45 18:29
4	07:36 19:55	07:37 19:56	07:38 19:56	07:40 19:57	07:41 19:57	07:43 19:58	07:43 19:58	07:48 20:00
5	08:11 20:48	08:08 20:54	08:06 20:58	08:04 21:02	08:01 21:07	07:58 21:12	07:58 21:12	07:50 21:29
6	08:46 21:41	08:38 21:52	08:33 21:59	08:27 22:06	08:21 22:15	08:14 22:25	08:14 22:25	07:52 22:56
7	09:22 22:33	09:09 22:49	09:01 22:59	08:53 23:09	08:43 23:22	08:30 23:37	08:30 23:37	07:56
8	10:00 23:26	09:42 23:46	09:32 23:58	09:21	09:07	08:50	08:50	08:01 00:24
9	10:41	10:19	10:07	09:52 00:12	09:35 00:28	09:15 00:48	09:15 00:48	08:09 01:51
10	11:25 00:19	11:01 00:43	10:46 00:57	10:30 01:13	10:10 01:32	09:46 01:56	09:46 01:56	08:24 03:16
11	12:13 01:12	11:47 01:38	11:31 01:53	11:14 02:10	10:52 02:31	10:26 02:58	10:26 02:58	08:51 04:32
12	13:04 02:04	12:38 02:30	12:22 02:46	12:05 03:04	11:43 03:25	11:16 03:52	11:16 03:52	09:39 05:29
13	13:57 02:54	13:33 03:19	13:18 03:34	13:02 03:51	12:42 04:11	12:16 04:37	12:16 04:37	10:50 06:05
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15	15:48 04:24	15:30 04:43	15:20 04:54	15:08 05:07	14:55 05:22	14:38 05:40	14:38 05:40	13:46 06:35
16	16:43 05:05	16:30 05:19	16:23 05:28	16:15 05:37	16:05 05:48	15:53 06:02	15:53 06:02	15:18 06:41
17	17:38 05:43	17:31 05:53	17:27 05:58	17:22 06:04	17:16 06:12	17:10 06:20	17:10 06:20	16:50 06:45
18	<i>18:33 06:20</i>	<i>18:32 06:24</i>	<i>18:31 06:27</i>	<i>18:30 06:30</i>	<i>18:28 06:33</i>	<i>18:27 06:37</i>	<i>18:27 06:37</i>	<i>18:22 06:47</i>
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23	23:36 09:47	00:01 09:25	09:12	08:58	08:40	08:18	08:18	01:00 07:10
24	10:42	10:16	00:14 10:02	00:31 09:44	00:51 09:24	01:16 08:58	01:16 08:58	02:43 07:29
25	00:40 11:42	01:07 11:15	01:22 10:59	01:40 10:41	02:02 10:19	02:30 09:51	02:30 09:51	04:11 08:10
26	01:42 12:45	02:08 12:19	02:23 12:04	02:41 11:47	03:03 11:25	03:30 10:59	03:30 10:59	05:06 09:24
27	02:38 13:49	03:02 13:26	03:16 13:13	03:32 12:58	03:51 12:40	04:15 12:17	04:15 12:17	05:33 11:01
28	03:29 14:51	03:49 14:34	04:00 14:23	04:13 14:11	04:29 13:57	04:48 13:39	04:48 13:39	05:46 12:45
29	04:14 15:51	04:29 15:39	04:38 15:31	04:47 15:23	04:59 15:13	05:12 15:01	05:12 15:01	05:52 14:25
30	04:55 16:49	05:04 16:41	05:10 16:37	05:16 16:33	05:23 16:27	05:32 16:20	05:32 16:20	05:56 16:01
31	05:32 17:43	05:36 17:42	05:38 17:41	05:41 17:40	05:44 17:39	05:48 17:37	05:48 17:37	05:59 17:33
Apr. 1	06:07 18:37	06:06 18:41	06:06 18:43	06:05 18:46	06:04 18:48	06:03 18:52	06:03 18:52	06:01 19:02
2	06:42 19:30	06:36 19:39	06:32 19:44	06:28 19:50	06:24 19:57	06:18 20:06	06:18 20:06	06:02 20:30
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4	07:18 20:23	07:39 21:35	07:30 21:45	07:19 21:58	07:07 22:13	06:52 22:31	06:52 22:31	06:09 23:28
5	07:55 21:16	08:15 22:32	08:03 22:45	07:50 23:00	07:34 23:18	07:14 23:41	07:14 23:41	06:15
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11	12:40 01:34	13:16 02:39	13:04 02:51	12:51 03:05	12:36 03:21	12:16 03:42	12:16 03:42	11:16 04:45
12	13:35 02:18	14:15 03:16	14:06 03:26	13:56 03:37	13:45 03:50	13:30 04:05	13:30 04:05	12:47 04:52
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16	<i>17:16 04:52</i>	<i>18:21 05:25</i>	<i>18:26 05:23</i>	<i>18:30 05:20</i>	<i>18:36 05:17</i>	<i>18:43 05:13</i>	<i>18:43 05:13</i>	<i>19:03 05:03</i>
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25	01:28 12:45	02:30 13:31	02:40 13:23	02:51 13:13	03:03 13:02	03:19 12:48	03:19 12:48	04:05 12:06
26	02:14 13:45	03:06 14:33	03:13 14:28	03:20 14:22	03:29 14:15	03:39 14:07	03:39 14:07	04:09 13:42
27	02:55 14:42	03:38 15:33	03:42 15:31	03:46 15:29	03:50 15:26	03:56 15:23	03:56 15:23	04:11 15:13
28	03:32 15:37	04:08 16:32	04:09 16:33	04:09 16:34	04:10 16:35	04:10 16:37	04:10 16:37	04:13 16:42
29	04:07 16:30	04:37 17:29	04:35 17:33	04:32 17:38	04:29 17:43	04:25 17:50	04:25 17:50	04:14 18:09
30	04:42 17:22	05:07 18:26	05:01 18:33	04:55 18:42	04:48 18:51	04:40 19:03	04:40 19:03	04:16 19:36



MOONRISE AND MOONSET, MAY AND JUNE 2022

UNIVERSAL TIME AT GREENWICH MERIDIAN

Latitude: +20°	+30°	+35°	+40°	+45°	+50°	+55°	+60°	
Event: RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	
May 1	05:16 18:14	05:38 19:24	05:30 19:34	05:21 19:45	05:10 19:59	04:57 20:15	04:57 20:15	04:19 21:05
2	05:52 19:07	06:12 20:22	06:02 20:34	05:49 20:48	05:35 21:05	05:17 21:26	05:17 21:26	04:24 22:34
3	06:31 20:01	06:50 21:19	06:37 21:33	06:22 21:50	06:04 22:10	05:42 22:35	05:42 22:35	04:32 00:01
4	07:13 20:55	07:33 22:14	07:18 22:29	07:01 22:47	06:41 23:09	06:15 23:36	06:15 23:36	04:48
5	07:58 21:48	08:20 23:06	08:04 23:21	07:46 23:39	07:25	06:57	06:57	05:18 01:15
6	08:46 22:39	09:12 23:53	08:56	08:38	08:17 00:01	07:49 00:29	07:49 00:29	06:11 02:08
7	09:38 23:28	10:06	09:52 00:07	09:36 00:25	09:16 00:45	08:51 01:11	08:51 01:11	07:25 02:38
8	10:31	11:03 00:35	10:51 00:48	10:37 01:03	10:20 01:21	09:58 01:43	09:58 01:43	08:50 02:54
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16	<i>17:59 04:42</i>	<i>19:28 05:10</i>	<i>19:40 05:00</i>	<i>19:55 04:48</i>	<i>20:12 04:33</i>	<i>20:34 04:16</i>	<i>20:34 04:16</i>	<i>21:44 03:24</i>
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18	20:15 06:21	21:50 06:55	22:06 06:39	22:25 06:21	22:47 06:00	23:15 05:33	23:15 05:33	03:58
19	21:23 07:21	22:53 07:58	23:08 07:43	23:26 07:24	23:47 07:02	06:33	06:33	01:00 04:49
20	22:27 08:25	23:46 09:07	23:59 08:52	08:35	08:15	00:13 07:49	00:13 07:49	01:46 06:18
21	23:23 09:32	10:17	10:04	00:14 09:50	00:32 09:33	00:55 09:12	00:55 09:12	02:06 08:03
22	10:38	00:31 11:24	00:41 11:14	00:53 11:04	01:07 10:51	01:24 10:35	01:24 10:35	02:16 09:48
23	00:12 11:40	01:08 12:28	01:16 12:21	01:24 12:14	01:34 12:06	01:46 11:56	01:46 11:56	02:20 11:26
24	00:55 12:38	01:42 13:28	01:46 13:25	01:51 13:22	01:57 13:18	02:04 13:13	02:04 13:13	02:23 12:59
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26	02:09 14:26	02:41 15:23	02:39 15:26	02:37 15:30	02:35 15:34	02:33 15:39	02:33 15:39	02:26 15:53
27	02:43 15:18	03:10 16:20	03:05 16:26	03:00 16:33	02:54 16:41	02:47 16:51	02:47 16:51	02:28 17:20
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29	03:53 17:01	04:13 18:14	04:03 18:26	03:51 18:39	03:38 18:55	03:22 19:14	03:22 19:14	02:34 20:16
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Jun. 1	05:54 19:41	06:15 21:00	06:00 21:16	05:42 21:34	05:21 21:56	04:53 22:23	04:53 22:23	03:18
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4	08:24 22:09	08:55 23:12	08:42 23:24	08:27 23:37	08:09 23:53	07:46	07:46	06:31 01:01
5	09:17 22:52	09:52 23:47	09:41 23:56	09:29	09:14	08:56 00:12	08:56 00:12	07:59 01:12
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10	13:42 01:18	14:46 01:50	14:50 01:47	14:55 01:44	15:01 01:41	15:07 01:37	15:07 01:37	15:27 01:27
11	14:38 01:54	15:52 02:23	15:59 02:17	16:08 02:10	16:18 02:03	16:31 01:54	16:31 01:54	17:08 01:29
12	15:38 02:33	17:02 03:00	17:13 02:51	17:25 02:41	17:40 02:29	17:59 02:15	17:59 02:15	18:57 01:33
13	16:43 03:16	18:15 03:44	18:29 03:32	18:45 03:18	19:04 03:02	19:28 02:42	19:28 02:42	20:50 01:40
14	<i>17:51 04:05</i>	<i>19:28 04:36</i>	<i>19:43 04:22</i>	<i>20:02 04:05</i>	<i>20:23 03:45</i>	<i>20:43 03:20</i>	<i>20:51 03:20</i>	<i>22:33 01:56</i>
15	19:01 05:01	20:36 05:38	20:52 05:22	21:10 05:04	21:32 04:42	22:00 04:13	22:00 04:13	23:40 02:31
16	20:09 06:05	21:35 06:47	21:50 06:32	22:06 06:14	22:26 05:52	22:50 05:24	22:50 05:24	03:45
17	21:11 07:13	22:25 07:59	22:37 07:46	22:50 07:30	23:06 07:11	23:25 06:48	23:25 06:48	00:11 05:30
18	22:05 08:22	23:07 09:10	23:16 08:59	23:25 08:47	23:37 08:33	23:51 08:15	23:51 08:15	00:24 07:20
19	22:52 09:28	23:43 10:17	23:48 10:10	23:54 10:02	09:52	09:40	09:40	00:31 09:04
20	23:33 10:30	11:21	11:17	11:12	00:01 11:07	00:10 11:00	00:10 11:00	00:34 10:41
21	11:28	00:14 12:21	00:17 12:20	00:19 12:19	00:22 12:18	00:26 12:16	00:26 12:16	00:36 12:12
22	00:10 12:22	00:44 13:18	00:43 13:21	00:43 13:23	00:42 13:26	00:41 13:30	00:41 13:30	00:38 13:40
23	00:45 13:14	01:13 14:15	01:09 14:20	01:05 14:26	01:01 14:33	00:55 14:42	00:55 14:42	00:39 15:06
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28	03:52 17:37	04:12 18:56	03:57 19:11	03:40 19:29	03:19 19:51	02:52 20:18	02:52 20:18	01:21 21:58
29	04:38 18:29	05:01 19:46	04:46 20:01	04:27 20:19	04:06 20:40	03:38 21:07	03:38 21:07	01:58 22:43
30	05:28 19:20	05:54 20:31	05:39 20:45	05:21 21:02	05:00 21:21	04:33 21:46	04:33 21:46	02:59 23:07

← **Bold** = new Moon, *italic* = full Moon. A gap in a column indicates the event will take place early the next day.

MOONRISE AND MOONSET, JULY AND AUGUST 2022
UNIVERSAL TIME AT GREENWICH MERIDIAN

Latitude: +20°	+30°	+35°	+40°	+45°	+50°	+55°	+60°	
Event: RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	
Jul. 1	06:20 20:07	06:49 21:12	06:36 21:24	06:20 21:38	06:01 21:55	05:37 22:16	05:37 22:16	04:17 23:20
2	07:13 20:51	07:46 21:48	07:35 21:58	07:21 22:09	07:05 22:23	06:46 22:39	06:46 22:39	05:44 23:27
3	08:06 21:31	08:43 22:21	08:34 22:28	08:24 22:36	08:11 22:46	07:56 22:58	07:56 22:58	07:12 23:31
4	08:58 22:08	09:39 22:51	09:33 22:55	09:26 23:00	09:18 23:06	09:08 23:14	09:08 23:14	08:38 23:34
5	09:50 22:43	10:36 23:20	10:33 23:21	10:29 23:23	10:25 23:26	10:19 23:28	10:19 23:28	10:04 23:35
6	10:42 23:17	11:33 23:49	11:33 23:48	11:33 23:46	11:32 23:45	11:32 23:42	11:32 23:42	11:31 23:37
7	11:34 23:51	12:32	12:35	12:38	12:42	12:47 23:58	12:47 23:58	13:01 23:39
8	12:27	13:34 00:20	13:40 00:15	13:47 00:10	13:56 00:05	14:06	14:06	14:35 23:42
9	13:23 00:27	14:40 00:54	14:50 00:46	15:00 00:38	15:13 00:28	15:29 00:16	15:29 00:16	16:17 23:47
10	14:24 01:07	15:50 01:33	16:02 01:23	16:17 01:10	16:34 00:56	16:56 00:39	16:56 00:39	18:06 23:57
11	15:29 01:52	17:02 02:20	17:17 02:07	17:34 01:51	17:55 01:33	18:22 01:10	18:22 01:10	19:55
12	16:37 02:43	18:13 03:16	18:29 03:01	18:47 02:43	19:09 02:22	19:38 01:55	19:38 01:55	21:22 00:20
13	<i>17:46 03:43</i>	<i>19:17 04:22</i>	<i>19:32 04:06</i>	<i>19:58 03:48</i>	<i>20:11 03:25</i>	<i>20:38 02:57</i>	<i>20:38 02:57</i>	<i>22:09 01:13</i>
14	18:51 04:49	20:13 05:34	20:26 05:19	20:41 05:02	20:58 04:42	21:20 04:16	21:20 04:16	22:29 02:47
15	19:51 05:59	20:59 06:48	21:09 06:36	21:21 06:22	21:34 06:05	21:51 05:45	21:51 05:45	22:39 04:39
16	20:42 07:08	21:39 07:59	21:46 07:50	21:53 07:40	22:02 07:28	22:13 07:14	22:13 07:14	22:43 06:30
17	21:27 08:14	22:13 09:06	22:17 09:01	22:21 08:55	22:25 08:48	22:31 08:39	22:31 08:39	22:46 08:13
18	22:07 09:15	22:44 10:10	22:45 10:08	22:45 10:05	22:46 10:03	22:46 09:59	22:46 09:59	22:48 09:50
19	22:44 10:13	23:14 11:10	23:12 11:11	23:09 11:12	23:05 11:14	23:01 11:16	23:01 11:16	22:50 11:21
20	23:19 11:08	23:44 12:08	23:39 12:12	23:32 12:17	23:25 12:23	23:16 12:30	23:16 12:30	22:52 12:50
21	23:54 12:01	13:06	13:13	23:58 13:21	23:47 13:31	23:33 13:43	23:33 13:43	22:54 14:18
22	12:53	00:16 14:03	00:07 14:13	14:24	14:38	23:54 14:55	23:54 14:55	22:59 15:46
23	00:30 13:46	00:50 15:00	00:39 15:12	00:26 15:27	00:11 15:44	16:05	16:05	23:08 17:14
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26	02:35 16:25	02:57 17:43	02:42 17:58	02:23 18:16	02:02 18:38	01:34 19:05	01:34 19:05	20:44
27	03:24 17:16	03:49 18:30	03:34 18:44	03:16 19:01	02:54 19:21	02:27 19:47	02:27 19:47	00:49 21:13
28	04:15 18:05	04:44 19:12	04:30 19:25	04:13 19:40	03:53 19:57	03:29 20:19	03:29 20:19	02:04 21:29
29	05:08 18:49	05:41 19:49	05:28 20:00	05:14 20:12	04:57 20:27	04:37 20:44	04:37 20:44	03:29 21:37
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31	06:55 20:09	07:35 20:54	07:28 20:59	07:20 21:05	07:10 21:12	06:59 21:20	06:59 21:20	06:25 21:44
Aug. 1	07:47 20:44	08:31 21:23	08:27 21:25	08:22 21:28	08:17 21:31	08:10 21:35	08:10 21:35	07:52 21:46
2	08:38 21:18	09:28 21:51	09:27 21:51	09:25 21:50	09:24 21:50	09:22 21:49	09:22 21:49	09:18 21:47
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4	10:22 22:27	11:25 22:53	11:30 22:46	11:36 22:39	11:43 22:30	11:51 22:20	11:51 22:20	12:16 21:51
5	11:16 23:04	12:27 23:29	12:36 23:19	12:45 23:08	12:57 22:55	13:11 22:40	13:11 22:40	13:52 21:55
6	12:13 23:45	13:34	13:45 23:58	13:58 23:44	14:14 23:27	14:34 23:06	14:34 23:06	15:35 22:02
7	13:14	14:43 00:11	14:57	15:13	15:33	15:58 23:43	15:58 23:43	17:22 22:17
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12	<i>18:28 04:44</i>	<i>19:31 05:34</i>	<i>19:39 05:24</i>	<i>19:49 05:12</i>	<i>20:00 04:58</i>	<i>20:13 04:40</i>	<i>20:13 04:40</i>	<i>20:52 03:46</i>
13	19:16 05:52	20:08 06:45	20:13 06:38	20:19 06:30	20:25 06:20	20:33 06:09	20:33 06:09	20:56 05:35
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23	01:18 15:11	01:43 16:27	01:27 16:42	01:09 16:59	00:47 17:20	00:19 17:47	00:19 17:47	23:47 19:19
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25	03:02 16:47	03:33 17:49	03:20 18:01	03:05 18:14	02:47 18:30	02:25 18:49	02:25 18:49	01:11 19:47
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MOONRISE AND MOONSET, SEPTEMBER AND OCTOBER 2022
UNIVERSAL TIME AT GREENWICH MERIDIAN

Latitude: +20°	+30°	+35°	+40°	+45°	+50°	+55°	+60°	
Event: RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	
Sep. 1	09:12 21:04	10:21 21:29	10:29 21:20	10:37 21:10	10:47 20:58	11:00 20:44	11:00 20:44	11:36 20:03
2	10:08 21:44	11:25 22:08	11:36 21:56	11:48 21:43	12:03 21:27	12:21 21:08	12:21 21:08	13:17 20:09
3	11:07 22:28	12:32 22:54	12:46 22:40	13:01 22:24	13:20 22:04	13:43 21:40	13:43 21:40	15:01 20:19
4	12:09 23:18	13:40 23:49	13:55 23:33	14:13 23:15	14:35 22:53	15:02 22:25	15:02 22:25	16:42 20:44
5	13:14	14:45	15:01	15:20	15:43 23:55	16:12 23:26	16:12 23:26	17:58 21:40
6	14:18 00:16	15:45 00:52	16:01 00:36	16:18 00:17	16:39	17:06	17:06	18:37 23:13
7	15:20 01:19	16:38 02:01	16:51 01:46	17:06 01:29	17:24 01:09	17:45 00:43	17:45 00:43	18:54
8	16:16 02:25	17:23 03:12	17:33 03:00	17:45 02:46	17:58 02:30	18:14 02:09	18:14 02:09	19:02 01:03
9	17:06 03:33	18:02 04:23	18:09 04:14	18:16 04:04	18:25 03:52	18:36 03:38	18:36 03:38	19:06 02:54
10	<i>17:51 04:38</i>	<i>18:37 05:31</i>	<i>18:40 05:25</i>	<i>18:44 05:19</i>	<i>18:48 05:12</i>	<i>18:53 05:04</i>	<i>18:53 05:04</i>	<i>19:08 04:39</i>
11	18:31 05:40	19:09 06:36	19:09 06:34	19:09 06:32	19:09 06:30	19:09 06:27	19:09 06:27	19:09 06:19
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16	21:41 10:21	22:01 11:39	21:47 11:53	21:31 12:08	21:11 12:26	20:48 12:49	20:48 12:49	19:29 14:05
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19	13:04	14:22	14:37	15:47	23:33 15:17	23:05 15:45	23:05 15:45	21:27 17:24
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21	00:53 14:42	01:23 15:48	01:09 16:00	00:53 16:15	00:34 16:32	00:10 16:53	00:10 16:53	17:58
22	01:47 15:26	02:21 16:24	02:09 16:34	01:55 16:45	01:39 16:59	01:19 17:15	01:19 17:15	00:16 18:04
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25	04:27 17:19	05:14 17:56	05:11 17:58	05:07 17:59	05:03 18:01	04:58 18:04	04:58 18:04	04:44 18:10
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← **Bold** = new Moon, *italic* = full Moon. A gap in a column indicates the event will take place early the next day.

MOONRISE AND MOONSET, NOVEMBER AND DECEMBER 1982

UNIVERSAL TIME AT GREENWICH MERIDIAN

	Latitude: +20°	+30°	+35°	+40°	+45°	+50°	+55°	+60°
Event:	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET	RISE SET
Nov. 1	12:06 23:13	13:19 23:58	13:31 23:47	13:45 23:34	14:02 23:19	14:22 23:00	14:22 23:00	15:25 22:01
2	12:58	14:00	14:09	14:19	14:32	14:46	14:46	15:30 23:45
3	13:44 00:17	14:35 01:05	14:41 00:57	14:48 00:48	14:56 00:37	15:05 00:24	15:05 00:24	15:32
4	14:25 01:18	15:07 02:09	15:10 02:04	15:13 01:59	15:17 01:53	15:21 01:46	15:21 01:46	15:33 01:24
5	15:03 02:17	15:38 03:11	15:37 03:09	15:37 03:08	15:36 03:07	15:36 03:05	15:36 03:05	15:34 02:59
6	15:39 03:13	16:08 04:11	16:04 04:13	16:00 04:16	15:56 04:18	15:50 04:22	15:50 04:22	15:35 04:31
7	16:14 04:08	16:39 05:11	16:32 05:17	16:25 05:23	16:16 05:30	16:06 05:38	16:06 05:38	15:36 06:03
8	<i>16:51 05:02</i>	<i>17:12 06:11</i>	<i>17:03 06:20</i>	<i>16:52 06:30</i>	<i>16:39 06:41</i>	<i>16:24 06:55</i>	<i>16:24 06:55</i>	<i>15:39 07:36</i>
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