

# april 2024

Home Location Latitude: 52° 08' 00" North, Longitude: 005° 00' 00" East

|            | LST at Midnight | Rise  | Moon  |       |      | illum | Ast.  | Twilight Naut. | Civil | Rise  | Sun Transit | Set   | Civil | Twilight Naut. | Ast. |
|------------|-----------------|-------|-------|-------|------|-------|-------|----------------|-------|-------|-------------|-------|-------|----------------|------|
| 01-04-2024 | 12:39:20        | 03:53 | 07:02 | 10:10 | 62%  | 05:13 | 05:58 | 06:39          | 07:14 | 13:44 | 20:15       | 20:49 | 21:31 | 22:16          |      |
| 02-04-2024 | 12:43:17        | 04:48 | 08:01 | 11:17 | 52%  | 05:10 | 05:55 | 06:37          | 07:12 | 13:43 | 20:16       | 20:51 | 21:33 | 22:18          |      |
| 03-04-2024 | 12:47:13        | 05:28 | 09:00 | 12:40 | 41%  | 05:07 | 05:53 | 06:35          | 07:09 | 13:43 | 20:18       | 20:53 | 21:35 | 22:21          |      |
| 04-04-2024 | 12:51:10        | 05:55 | 09:57 | 14:11 | 30%  | 05:04 | 05:50 | 06:32          | 07:07 | 13:43 | 20:20       | 20:55 | 21:37 | 22:23          |      |
| 05-04-2024 | 12:55:07        | 06:14 | 10:52 | 15:44 | 20%  | 05:01 | 05:48 | 06:30          | 07:05 | 13:43 | 20:22       | 20:57 | 21:39 | 22:26          |      |
| 06-04-2024 | 12:59:03        | 06:29 | 11:45 | 17:17 | 11%  | 04:59 | 05:45 | 06:28          | 07:02 | 13:42 | 20:23       | 20:58 | 21:41 | 22:28          |      |
| 07-04-2024 | 13:03:00        | 06:42 | 12:36 | 18:49 | 5%   | 04:55 | 05:42 | 06:25          | 07:00 | 13:42 | 20:25       | 21:00 | 21:43 | 22:31          |      |
| 08-04-2024 | 13:06:56        | 06:54 | 13:27 | 20:21 | 1%   | 04:52 | 05:40 | 06:23          | 06:58 | 13:42 | 20:27       | 21:02 | 21:45 | 22:33          |      |
| 09-04-2024 | 13:10:53        | 07:07 | 14:19 | 21:54 | 0%   | 04:49 | 05:37 | 06:20          | 06:56 | 13:41 | 20:28       | 21:04 | 21:47 | 22:36          |      |
| 10-04-2024 | 13:14:49        | 07:23 | 15:13 | 23:28 | 2%   | 04:46 | 05:35 | 06:18          | 06:53 | 13:41 | 20:30       | 21:06 | 21:49 | 22:38          |      |
| 11-04-2024 | 13:18:46        | 07:43 | 16:10 | ***** | 7%   | 04:43 | 05:32 | 06:16          | 06:51 | 13:41 | 20:32       | 21:08 | 21:52 | 22:41          |      |
| 12-04-2024 | 13:22:42        | 08:11 | 17:08 | 00:58 | 14%  | 04:40 | 05:29 | 06:13          | 06:49 | 13:41 | 20:34       | 21:09 | 21:54 | 22:43          |      |
| 13-04-2024 | 13:26:39        | 08:52 | 18:06 | 02:20 | 23%  | 04:37 | 05:27 | 06:11          | 06:47 | 13:40 | 20:35       | 21:11 | 21:56 | 22:46          |      |
| 14-04-2024 | 13:30:36        | 09:47 | 19:03 | 03:25 | 32%  | 04:34 | 05:24 | 06:09          | 06:44 | 13:40 | 20:37       | 21:13 | 21:58 | 22:49          |      |
| 15-04-2024 | 13:34:32        | 10:55 | 19:57 | 04:11 | 42%  | 04:31 | 05:21 | 06:06          | 06:42 | 13:40 | 20:39       | 21:15 | 22:00 | 22:52          |      |
| 16-04-2024 | 13:38:29        | 12:10 | 20:47 | 04:43 | 52%  | 04:27 | 05:19 | 06:04          | 06:40 | 13:40 | 20:41       | 21:17 | 22:02 | 22:54          |      |
| 17-04-2024 | 13:42:25        | 13:26 | 21:33 | 05:04 | 62%  | 04:24 | 05:16 | 06:02          | 06:38 | 13:39 | 20:42       | 21:19 | 22:05 | 22:57          |      |
| 18-04-2024 | 13:46:22        | 14:41 | 22:15 | 05:20 | 71%  | 04:21 | 05:13 | 05:59          | 06:36 | 13:39 | 20:44       | 21:21 | 22:07 | 23:00          |      |
| 19-04-2024 | 13:50:18        | 15:53 | 22:56 | 05:31 | 79%  | 04:18 | 05:11 | 05:57          | 06:34 | 13:39 | 20:46       | 21:23 | 22:09 | 23:03          |      |
| 20-04-2024 | 13:54:15        | 17:04 | 23:35 | 05:41 | 86%  | 04:14 | 05:08 | 05:55          | 06:31 | 13:39 | 20:47       | 21:24 | 22:11 | 23:06          |      |
| 21-04-2024 | 13:58:11        | 18:14 | ***** | 05:50 | 92%  | 04:11 | 05:06 | 05:52          | 06:29 | 13:39 | 20:49       | 21:26 | 22:13 | 23:09          |      |
| 22-04-2024 | 14:02:08        | 19:25 | 00:14 | 05:59 | 96%  | 04:07 | 05:03 | 05:50          | 06:27 | 13:38 | 20:51       | 21:28 | 22:16 | 23:12          |      |
| 23-04-2024 | 14:06:05        | 20:39 | 00:54 | 06:08 | 99%  | 04:04 | 05:00 | 05:48          | 06:25 | 13:38 | 20:53       | 21:30 | 22:18 | 23:15          |      |
| 24-04-2024 | 14:10:01        | 21:56 | 01:35 | 06:20 | 100% | 04:01 | 04:58 | 05:46          | 06:23 | 13:38 | 20:54       | 21:32 | 22:20 | 23:18          |      |
| 25-04-2024 | 14:13:58        | 23:15 | 02:20 | 06:34 | 99%  | 03:57 | 04:55 | 05:43          | 06:21 | 13:38 | 20:56       | 21:34 | 22:23 | 23:22          |      |
| 26-04-2024 | 14:17:54        | ***** | 03:09 | 06:54 | 96%  | 03:53 | 04:52 | 05:41          | 06:19 | 13:38 | 20:58       | 21:36 | 22:25 | 23:25          |      |
| 27-04-2024 | 14:21:51        | 00:33 | 04:01 | 07:23 | 91%  | 03:50 | 04:50 | 05:39          | 06:17 | 13:38 | 20:59       | 21:38 | 22:27 | 23:28          |      |
| 28-04-2024 | 14:25:47        | 01:46 | 04:57 | 08:07 | 84%  | 03:46 | 04:47 | 05:37          | 06:15 | 13:37 | 21:01       | 21:40 | 22:30 | 23:32          |      |
| 29-04-2024 | 14:29:44        | 02:45 | 05:55 | 09:08 | 76%  | 03:43 | 04:45 | 05:34          | 06:13 | 13:37 | 21:03       | 21:42 | 22:32 | 23:35          |      |
| 30-04-2024 | 14:33:40        | 03:28 | 06:53 | 10:25 | 66%  | 03:39 | 04:42 | 05:32          | 06:11 | 13:37 | 21:04       | 21:43 | 22:34 | 23:39          |      |