

| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
|----------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 출 | 남중 | 몰 | 출 | 남중 | 몰 | 출 | 몰 | 출 | 몰 | 출 | 몰 |
| 20220101 | 11-29 | 07:47 | 12:35:26 | 17:24 | 05:58 | 10:51 | 15:39 | 07:18 | 17:53 | 06:45 | 18:26 | 06:13 | 18:58 |
| 20220102 | 11-30 | 07:47 | 12:35:55 | 17:25 | 07:12 | 11:56 | 16:38 | 07:18 | 17:54 | 06:45 | 18:27 | 06:13 | 18:59 |
| 20220103 | 12-01 | 07:47 | 12:36:23 | 17:26 | 08:20 | 13:03 | 17:47 | 07:18 | 17:55 | 06:45 | 18:28 | 06:14 | 18:59 |
| 20220104 | 12-02 | 07:47 | 12:36:50 | 17:27 | 09:17 | 14:07 | 19:01 | 07:18 | 17:56 | 06:45 | 18:28 | 06:14 | 19:00 |
| 20220105 | 12-03 | 07:47 | 12:37:17 | 17:27 | 10:03 | 15:06 | 20:16 | 07:18 | 17:57 | 06:46 | 18:29 | 06:14 | 19:01 |
| 20220106 | 12-04 | 07:47 | 12:37:44 | 17:28 | 10:40 | 16:00 | 21:27 | 07:18 | 17:57 | 06:46 | 18:30 | 06:14 | 19:02 |
| 20220107 | 12-05 | 07:47 | 12:38:10 | 17:29 | 11:11 | 16:49 | 22:34 | 07:18 | 17:58 | 06:46 | 18:31 | 06:14 | 19:02 |
| 20220108 | 12-06 | 07:47 | 12:38:36 | 17:30 | 11:39 | 17:34 | 23:38 | 07:18 | 17:59 | 06:46 | 18:32 | 06:14 | 19:03 |
| 20220109 | 12-07 | 07:47 | 12:39:01 | 17:31 | 12:04 | 18:17 | --:-- | 07:18 | 18:00 | 06:46 | 18:32 | 06:14 | 19:04 |
| 20220110 | 12-08 | 07:47 | 12:39:26 | 17:32 | 12:28 | 18:59 | 00:39 | 07:18 | 18:01 | 06:46 | 18:33 | 06:14 | 19:05 |
| 20220111 | 12-09 | 07:47 | 12:39:50 | 17:33 | 12:53 | 19:41 | 01:39 | 07:18 | 18:02 | 06:46 | 18:34 | 06:14 | 19:06 |
| 20220112 | 12-10 | 07:47 | 12:40:14 | 17:34 | 13:20 | 20:25 | 02:38 | 07:18 | 18:03 | 06:46 | 18:35 | 06:14 | 19:07 |
| 20220113 | 12-11 | 07:46 | 12:40:36 | 17:35 | 13:50 | 21:10 | 03:38 | 07:18 | 18:04 | 06:45 | 18:36 | 06:14 | 19:08 |
| 20220114 | 12-12 | 07:46 | 12:40:59 | 17:36 | 14:25 | 21:57 | 04:37 | 07:18 | 18:05 | 06:45 | 18:37 | 06:14 | 19:08 |
| 20220115 | 12-13 | 07:46 | 12:41:20 | 17:37 | 15:06 | 22:47 | 05:35 | 07:17 | 18:06 | 06:45 | 18:38 | 06:14 | 19:09 |
| 20220116 | 12-14 | 07:46 | 12:41:41 | 17:38 | 15:53 | 23:38 | 06:31 | 07:17 | 18:07 | 06:45 | 18:39 | 06:13 | 19:10 |
| 20220117 | 12-15 | 07:45 | 12:42:01 | 17:39 | 16:46 | --:-- | 07:22 | 07:17 | 18:08 | 06:45 | 18:40 | 06:13 | 19:11 |
| 20220118 | 12-16 | 07:45 | 12:42:21 | 17:40 | 17:45 | 00:29 | 08:08 | 07:16 | 18:09 | 06:44 | 18:41 | 06:13 | 19:12 |
| 20220119 | 12-17 | 07:44 | 12:42:39 | 17:41 | 18:46 | 01:19 | 08:47 | 07:16 | 18:10 | 06:44 | 18:42 | 06:13 | 19:13 |
| 20220120 | 12-18 | 07:44 | 12:42:57 | 17:42 | 19:49 | 02:08 | 09:22 | 07:16 | 18:11 | 06:44 | 18:43 | 06:12 | 19:14 |
| 20220121 | 12-19 | 07:43 | 12:43:15 | 17:43 | 20:52 | 02:55 | 09:52 | 07:15 | 18:12 | 06:43 | 18:44 | 06:12 | 19:15 |
| 20220122 | 12-20 | 07:43 | 12:43:31 | 17:44 | 21:55 | 03:41 | 10:20 | 07:15 | 18:13 | 06:43 | 18:45 | 06:12 | 19:16 |
| 20220123 | 12-21 | 07:42 | 12:43:47 | 17:46 | 22:59 | 04:25 | 10:46 | 07:14 | 18:14 | 06:42 | 18:45 | 06:11 | 19:17 |
| 20220124 | 12-22 | 07:42 | 12:44:02 | 17:47 | --:-- | 05:10 | 11:12 | 07:14 | 18:15 | 06:42 | 18:46 | 06:11 | 19:18 |
| 20220125 | 12-23 | 07:41 | 12:44:16 | 17:48 | 00:04 | 05:56 | 11:39 | 07:13 | 18:16 | 06:41 | 18:47 | 06:10 | 19:18 |
| 20220126 | 12-24 | 07:41 | 12:44:30 | 17:49 | 01:12 | 06:45 | 12:09 | 07:13 | 18:17 | 06:41 | 18:48 | 06:10 | 19:19 |
| 20220127 | 12-25 | 07:40 | 12:44:42 | 17:50 | 02:23 | 07:37 | 12:44 | 07:12 | 18:18 | 06:40 | 18:49 | 06:09 | 19:20 |
| 20220128 | 12-26 | 07:39 | 12:44:54 | 17:51 | 03:36 | 08:34 | 13:27 | 07:11 | 18:19 | 06:40 | 18:50 | 06:09 | 19:21 |
| 20220129 | 12-27 | 07:38 | 12:45:05 | 17:52 | 04:49 | 09:36 | 14:19 | 07:11 | 18:20 | 06:39 | 18:51 | 06:08 | 19:22 |
| 20220130 | 12-28 | 07:38 | 12:45:16 | 17:53 | 05:59 | 10:40 | 15:22 | 07:10 | 18:21 | 06:39 | 18:52 | 06:08 | 19:23 |
| 20220131 | 12-29 | 07:37 | 12:45:25 | 17:54 | 07:00 | 11:45 | 16:33 | 07:09 | 18:22 | 06:38 | 18:53 | 06:07 | 19:24 |

| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
|----------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 출 | 남중 | 몰 | 출 | 남중 | 몰 | 출 | 몰 | 출 | 몰 | 출 | 몰 |
| 20220201 | 01-01 | 07:36 | 12:45:34 | 17:55 | 07:51 | 12:47 | 17:48 | 07:08 | 18:23 | 06:37 | 18:54 | 06:06 | 19:25 |
| 20220202 | 01-02 | 07:35 | 12:45:42 | 17:57 | 08:33 | 13:44 | 19:02 | 07:08 | 18:24 | 06:36 | 18:55 | 06:06 | 19:26 |
| 20220203 | 01-03 | 07:34 | 12:45:49 | 17:58 | 09:07 | 14:36 | 20:13 | 07:07 | 18:25 | 06:36 | 18:56 | 06:05 | 19:27 |
| 20220204 | 01-04 | 07:33 | 12:45:55 | 17:59 | 09:37 | 15:24 | 21:20 | 07:06 | 18:26 | 06:35 | 18:57 | 06:04 | 19:28 |
| 20220205 | 01-05 | 07:33 | 12:46:00 | 18:00 | 10:03 | 16:09 | 22:24 | 07:05 | 18:27 | 06:34 | 18:58 | 06:03 | 19:29 |
| 20220206 | 01-06 | 07:32 | 12:46:05 | 18:01 | 10:29 | 16:53 | 23:27 | 07:04 | 18:28 | 06:33 | 18:59 | 06:03 | 19:30 |
| 20220207 | 01-07 | 07:31 | 12:46:09 | 18:02 | 10:54 | 17:36 | --:-- | 07:03 | 18:29 | 06:32 | 19:00 | 06:02 | 19:31 |
| 20220208 | 01-08 | 07:30 | 12:46:12 | 18:03 | 11:20 | 18:19 | 00:27 | 07:02 | 18:30 | 06:31 | 19:01 | 06:01 | 19:32 |
| 20220209 | 01-09 | 07:29 | 12:46:14 | 18:04 | 11:50 | 19:05 | 01:28 | 07:01 | 18:31 | 06:31 | 19:02 | 06:00 | 19:33 |
| 20220210 | 01-10 | 07:28 | 12:46:15 | 18:05 | 12:23 | 19:51 | 02:28 | 07:00 | 18:33 | 06:30 | 19:03 | 05:59 | 19:34 |
| 20220211 | 01-11 | 07:26 | 12:46:16 | 18:07 | 13:01 | 20:40 | 03:27 | 06:59 | 18:34 | 06:29 | 19:04 | 05:58 | 19:35 |
| 20220212 | 01-12 | 07:25 | 12:46:16 | 18:08 | 13:46 | 21:31 | 04:23 | 06:58 | 18:35 | 06:28 | 19:05 | 05:57 | 19:36 |
| 20220213 | 01-13 | 07:24 | 12:46:15 | 18:09 | 14:37 | 22:22 | 05:16 | 06:57 | 18:36 | 06:27 | 19:06 | 05:56 | 19:37 |
| 20220214 | 01-14 | 07:23 | 12:46:13 | 18:10 | 15:34 | 23:13 | 06:04 | 06:56 | 18:37 | 06:26 | 19:07 | 05:55 | 19:38 |
| 20220215 | 01-15 | 07:22 | 12:46:10 | 18:11 | 16:35 | --:-- | 06:46 | 06:55 | 18:38 | 06:25 | 19:08 | 05:54 | 19:39 |
| 20220216 | 01-16 | 07:21 | 12:46:07 | 18:12 | 17:39 | 00:03 | 07:22 | 06:54 | 18:39 | 06:23 | 19:09 | 05:53 | 19:40 |
| 20220217 | 01-17 | 07:20 | 12:46:03 | 18:13 | 18:43 | 00:51 | 07:54 | 06:53 | 18:40 | 06:22 | 19:10 | 05:52 | 19:41 |
| 20220218 | 01-18 | 07:18 | 12:45:58 | 18:14 | 19:47 | 01:38 | 08:23 | 06:52 | 18:41 | 06:21 | 19:11 | 05:51 | 19:42 |
| 20220219 | 01-19 | 07:17 | 12:45:53 | 18:15 | 20:52 | 02:23 | 08:49 | 06:51 | 18:42 | 06:20 | 19:12 | 05:50 | 19:43 |
| 20220220 | 01-20 | 07:16 | 12:45:47 | 18:16 | 21:57 | 03:08 | 09:15 | 06:49 | 18:43 | 06:19 | 19:13 | 05:49 | 19:44 |
| 20220221 | 01-21 | 07:15 | 12:45:41 | 18:17 | 23:05 | 03:54 | 09:42 | 06:48 | 18:44 | 06:18 | 19:14 | 05:47 | 19:45 |
| 20220222 | 01-22 | 07:13 | 12:45:33 | 18:18 | --:-- | 04:42 | 10:11 | 06:47 | 18:45 | 06:17 | 19:15 | 05:46 | 19:45 |
| 20220223 | 01-23 | 07:12 | 12:45:25 | 18:19 | 00:14 | 05:33 | 10:44 | 06:46 | 18:46 | 06:15 | 19:16 | 05:45 | 19:46 |
| 20220224 | 01-24 | 07:11 | 12:45:17 | 18:20 | 01:25 | 06:27 | 11:23 | 06:44 | 18:47 | 06:14 | 19:17 | 05:44 | 19:47 |
| 20220225 | 01-25 | 07:10 | 12:45:08 | 18:21 | 02:37 | 07:26 | 12:11 | 06:43 | 18:48 | 06:13 | 19:18 | 05:43 | 19:48 |
| 20220226 | 01-26 | 07:08 | 12:44:58 | 18:22 | 03:46 | 08:27 | 13:08 | 06:42 | 18:49 | 06:12 | 19:19 | 05:41 | 19:49 |
| 20220227 | 01-27 | 07:07 | 12:44:48 | 18:23 | 04:49 | 09:30 | 14:14 | 06:41 | 18:50 | 06:10 | 19:20 | 05:40 | 19:50 |
| 20220228 | 01-28 | 07:06 | 12:44:38 | 18:24 | 05:42 | 10:31 | 15:26 | 06:39 | 18:51 | 06:09 | 19:21 | 05:39 | 19:51 |

| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
|----------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 출 | 남중 | 몰 | 출 | 남중 | 몰 | 출 | 몰 | 출 | 몰 | 출 | 몰 |
| 20220301 | 01-29 | 07:04 | 12:44:26 | 18:25 | 06:26 | 11:29 | 16:39 | 06:38 | 18:52 | 06:08 | 19:22 | 05:37 | 19:52 |
| 20220302 | 01-30 | 07:03 | 12:44:15 | 18:26 | 07:03 | 12:23 | 17:51 | 06:37 | 18:53 | 06:06 | 19:23 | 05:36 | 19:53 |
| 20220303 | 02-01 | 07:01 | 12:44:03 | 18:27 | 07:34 | 13:12 | 19:00 | 06:35 | 18:54 | 06:05 | 19:24 | 05:35 | 19:54 |
| 20220304 | 02-02 | 07:00 | 12:43:50 | 18:28 | 08:02 | 13:59 | 20:06 | 06:34 | 18:55 | 06:04 | 19:25 | 05:33 | 19:55 |
| 20220305 | 02-03 | 06:59 | 12:43:37 | 18:29 | 08:28 | 14:44 | 21:10 | 06:32 | 18:55 | 06:02 | 19:26 | 05:32 | 19:56 |
| 20220306 | 02-04 | 06:57 | 12:43:23 | 18:30 | 08:53 | 15:28 | 22:12 | 06:31 | 18:56 | 06:01 | 19:27 | 05:30 | 19:57 |
| 20220307 | 02-05 | 06:56 | 12:43:09 | 18:31 | 09:19 | 16:12 | 23:14 | 06:30 | 18:57 | 05:59 | 19:28 | 05:29 | 19:58 |
| 20220308 | 02-06 | 06:54 | 12:42:55 | 18:32 | 09:48 | 16:57 | --:-- | 06:28 | 18:58 | 05:58 | 19:29 | 05:27 | 19:59 |
| 20220309 | 02-07 | 06:53 | 12:42:40 | 18:33 | 10:20 | 17:44 | 00:16 | 06:27 | 18:59 | 05:56 | 19:30 | 05:26 | 20:00 |
| 20220310 | 02-08 | 06:51 | 12:42:25 | 18:34 | 10:56 | 18:32 | 01:16 | 06:25 | 19:00 | 05:55 | 19:31 | 05:25 | 20:01 |
| 20220311 | 02-09 | 06:50 | 12:42:10 | 18:35 | 11:38 | 19:22 | 02:14 | 06:24 | 19:01 | 05:54 | 19:32 | 05:23 | 20:02 |
| 20220312 | 02-10 | 06:48 | 12:41:54 | 18:36 | 12:27 | 20:13 | 03:08 | 06:22 | 19:02 | 05:52 | 19:32 | 05:22 | 20:03 |
| 20220313 | 02-11 | 06:47 | 12:41:38 | 18:37 | 13:22 | 21:04 | 03:58 | 06:21 | 19:03 | 05:51 | 19:33 | 05:20 | 20:04 |
| 20220314 | 02-12 | 06:45 | 12:41:21 | 18:38 | 14:21 | 21:54 | 04:42 | 06:19 | 19:04 | 05:49 | 19:34 | 05:18 | 20:05 |
| 20220315 | 02-13 | 06:44 | 12:41:05 | 18:39 | 15:24 | 22:43 | 05:20 | 06:18 | 19:05 | 05:48 | 19:35 | 05:17 | 20:06 |
| 20220316 | 02-14 | 06:42 | 12:40:48 | 18:40 | 16:28 | 23:31 | 05:54 | 06:16 | 19:06 | 05:46 | 19:36 | 05:15 | 20:07 |
| 20220317 | 02-15 | 06:41 | 12:40:30 | 18:41 | 17:33 | --:-- | 06:23 | 06:15 | 19:07 | 05:45 | 19:37 | 05:14 | 20:08 |
| 20220318 | 02-16 | 06:39 | 12:40:13 | 18:42 | 18:39 | 00:17 | 06:51 | 06:13 | 19:08 | 05:43 | 19:38 | 05:12 | 20:09 |
| 20220319 | 02-17 | 06:38 | 12:39:56 | 18:43 | 19:46 | 01:03 | 07:17 | 06:12 | 19:09 | 05:41 | 19:39 | 05:11 | 20:10 |
| 20220320 | 02-18 | 06:36 | 12:39:38 | 18:43 | 20:54 | 01:50 | 07:44 | 06:10 | 19:10 | 05:40 | 19:40 | 05:09 | 20:11 |
| 20220321 | 02-19 | 06:35 | 12:39:20 | 18:44 | 22:04 | 02:38 | 08:13 | 06:09 | 19:11 | 05:38 | 19:41 | 05:07 | 20:12 |
| 20220322 | 02-20 | 06:33 | 12:39:02 | 18:45 | 23:17 | 03:28 | 08:45 | 06:07 | 19:11 | 05:37 | 19:42 | 05:06 | 20:13 |
| 20220323 | 02-21 | 06:32 | 12:38:44 | 18:46 | --:-- | 04:23 | 09:22 | 06:06 | 19:12 | 05:35 | 19:43 | 05:04 | 20:14 |
| 20220324 | 02-22 | 06:30 | 12:38:26 | 18:47 | 00:29 | 05:21 | 10:07 | 06:04 | 19:13 | 05:34 | 19:44 | 05:03 | 20:15 |
| 20220325 | 02-23 | 06:29 | 12:38:08 | 18:48 | 01:40 | 06:21 | 11:01 | 06:03 | 19:14 | 05:32 | 19:45 | 05:01 | 20:16 |
| 20220326 | 02-24 | 06:27 | 12:37:50 | 18:49 | 02:44 | 07:23 | 12:04 | 06:01 | 19:15 | 05:30 | 19:46 | 04:59 | 20:17 |
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| 20220330 | 02-28 | 06:21 | 12:36:38 | 18:53 | 05:35 | 11:05 | 16:43 | 05:55 | 19:19 | 05:24 | 19:50 | 04:53 | 20:22 |
| 20220331 | 02-29 | 06:20 | 12:36:20 | 18:54 | 06:03 | 11:51 | 17:50 | 05:54 | 19:20 | 05:23 | 19:51 | 04:51 | 20:23 |

| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
|----------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 출 | 남중 | 몰 | 출 | 남중 | 몰 | 출 | 몰 | 출 | 몰 | 출 | 몰 |
| 20220401 | 03-01 | 06:18 | 12:36:02 | 18:54 | 06:28 | 12:36 | 18:54 | 05:52 | 19:21 | 05:21 | 19:52 | 04:49 | 20:24 |
| 20220402 | 03-02 | 06:17 | 12:35:45 | 18:55 | 06:54 | 13:20 | 19:57 | 05:50 | 19:22 | 05:19 | 19:53 | 04:47 | 20:25 |
| 20220403 | 03-03 | 06:15 | 12:35:27 | 18:56 | 07:19 | 14:04 | 21:00 | 05:49 | 19:23 | 05:18 | 19:54 | 04:46 | 20:26 |
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| 20220408 | 03-08 | 06:08 | 12:34:02 | 19:01 | 10:17 | 18:04 | 01:00 | 05:41 | 19:27 | 05:10 | 19:59 | 04:37 | 20:32 |
| 20220409 | 03-09 | 06:06 | 12:33:45 | 19:02 | 11:10 | 18:55 | 01:51 | 05:40 | 19:28 | 05:08 | 20:00 | 04:36 | 20:33 |
| 20220410 | 03-10 | 06:05 | 12:33:29 | 19:03 | 12:07 | 19:45 | 02:37 | 05:38 | 19:29 | 05:07 | 20:01 | 04:34 | 20:34 |
| 20220411 | 03-11 | 06:04 | 12:33:13 | 19:03 | 13:08 | 20:34 | 03:17 | 05:37 | 19:30 | 05:05 | 20:02 | 04:32 | 20:35 |
| 20220412 | 03-12 | 06:02 | 12:32:57 | 19:04 | 14:11 | 21:22 | 03:52 | 05:35 | 19:31 | 05:04 | 20:03 | 04:31 | 20:36 |
| 20220413 | 03-13 | 06:01 | 12:32:42 | 19:05 | 15:15 | 22:08 | 04:23 | 05:34 | 19:32 | 05:02 | 20:04 | 04:29 | 20:38 |
| 20220414 | 03-14 | 05:59 | 12:32:27 | 19:06 | 16:20 | 22:54 | 04:51 | 05:32 | 19:33 | 05:00 | 20:05 | 04:27 | 20:39 |
| 20220415 | 03-15 | 05:58 | 12:32:12 | 19:07 | 17:27 | 23:40 | 05:17 | 05:31 | 19:34 | 04:59 | 20:06 | 04:25 | 20:40 |
| 20220416 | 03-16 | 05:57 | 12:31:58 | 19:08 | 18:35 | --:-- | 05:44 | 05:30 | 19:35 | 04:57 | 20:07 | 04:24 | 20:41 |
| 20220417 | 03-17 | 05:55 | 12:31:43 | 19:09 | 19:46 | 00:28 | 06:12 | 05:28 | 19:36 | 04:56 | 20:09 | 04:22 | 20:42 |
| 20220418 | 03-18 | 05:54 | 12:31:30 | 19:10 | 21:00 | 01:19 | 06:43 | 05:27 | 19:37 | 04:54 | 20:10 | 04:20 | 20:44 |
| 20220419 | 03-19 | 05:52 | 12:31:16 | 19:11 | 22:16 | 02:13 | 07:19 | 05:25 | 19:38 | 04:53 | 20:11 | 04:19 | 20:45 |
| 20220420 | 03-20 | 05:51 | 12:31:04 | 19:12 | 23:30 | 03:12 | 08:02 | 05:24 | 19:39 | 04:51 | 20:12 | 04:17 | 20:46 |
| 20220421 | 03-21 | 05:50 | 12:30:51 | 19:13 | --:-- | 04:13 | 08:54 | 05:22 | 19:40 | 04:50 | 20:13 | 04:15 | 20:47 |
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| 20220423 | 03-23 | 05:47 | 12:30:28 | 19:14 | 01:37 | 06:19 | 11:04 | 05:20 | 19:42 | 04:47 | 20:15 | 04:12 | 20:50 |
| 20220424 | 03-24 | 05:46 | 12:30:17 | 19:15 | 02:25 | 07:17 | 12:15 | 05:18 | 19:43 | 04:45 | 20:16 | 04:10 | 20:51 |
| 20220425 | 03-25 | 05:45 | 12:30:06 | 19:16 | 03:05 | 08:12 | 13:26 | 05:17 | 19:44 | 04:44 | 20:17 | 04:09 | 20:52 |
| 20220426 | 03-26 | 05:43 | 12:29:56 | 19:17 | 03:38 | 09:02 | 14:34 | 05:16 | 19:45 | 04:42 | 20:18 | 04:07 | 20:54 |
| 20220427 | 03-27 | 05:42 | 12:29:46 | 19:18 | 04:06 | 09:48 | 15:39 | 05:14 | 19:46 | 04:41 | 20:19 | 04:06 | 20:55 |
| 20220428 | 03-28 | 05:41 | 12:29:37 | 19:19 | 04:32 | 10:33 | 16:43 | 05:13 | 19:47 | 04:39 | 20:21 | 04:04 | 20:56 |
| 20220429 | 03-29 | 05:40 | 12:29:29 | 19:20 | 04:57 | 11:16 | 17:46 | 05:12 | 19:48 | 04:38 | 20:22 | 04:02 | 20:58 |
| 20220430 | 03-30 | 05:39 | 12:29:21 | 19:21 | 05:21 | 12:00 | 18:48 | 05:11 | 19:49 | 04:37 | 20:23 | 04:01 | 20:59 |

| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
|----------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 출 | 남중 | 몰 | 출 | 남중 | 몰 | 출 | 몰 | 출 | 몰 | 출 | 몰 |
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| 20220515 | 04-15 | 05:23 | 12:28:26 | 19:34 | 18:36 | 23:58 | 04:39 | 04:54 | 20:04 | 04:18 | 20:39 | 03:39 | 21:19 |
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| 20220519 | 04-19 | 05:20 | 12:28:33 | 19:38 | 23:28 | 03:03 | 07:42 | 04:50 | 20:07 | 04:14 | 20:44 | 03:34 | 21:24 |
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| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
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| 20220603 | 05-05 | 05:12 | 12:30:12 | 19:49 | 07:48 | 15:32 | 23:12 | 04:41 | 20:19 | 04:03 | 20:58 | 03:21 | 21:40 |
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| 20220612 | 05-14 | 05:10 | 12:31:53 | 19:54 | 17:24 | 22:37 | 03:06 | 04:39 | 20:25 | 04:00 | 21:04 | 03:17 | 21:47 |
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| 20220617 | 05-19 | 05:10 | 12:32:57 | 19:56 | 23:01 | 02:55 | 07:43 | 04:39 | 20:27 | 04:00 | 21:06 | 03:16 | 21:50 |
| 20220618 | 05-20 | 05:10 | 12:33:10 | 19:56 | 23:40 | 03:57 | 08:59 | 04:39 | 20:27 | 04:00 | 21:06 | 03:16 | 21:50 |
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| 20220620 | 05-22 | 05:11 | 12:33:36 | 19:56 | 00:13 | 05:43 | 11:23 | 04:40 | 20:28 | 04:00 | 21:07 | 03:16 | 21:51 |
| 20220621 | 05-23 | 05:11 | 12:33:49 | 19:57 | 00:41 | 06:30 | 12:29 | 04:40 | 20:28 | 04:01 | 21:07 | 03:16 | 21:51 |
| 20220622 | 05-24 | 05:11 | 12:34:02 | 19:57 | 01:06 | 07:14 | 13:32 | 04:40 | 20:28 | 04:01 | 21:07 | 03:17 | 21:51 |
| 20220623 | 05-25 | 05:11 | 12:34:15 | 19:57 | 01:31 | 07:57 | 14:34 | 04:40 | 20:28 | 04:01 | 21:07 | 03:17 | 21:52 |
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| 20220627 | 05-29 | 05:13 | 12:35:06 | 19:57 | 03:26 | 10:58 | 18:36 | 04:41 | 20:29 | 04:02 | 21:08 | 03:18 | 21:52 |
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| 20220629 | 06-01 | 05:13 | 12:35:31 | 19:57 | 04:51 | 12:38 | 20:25 | 04:42 | 20:29 | 04:03 | 21:07 | 03:19 | 21:51 |
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| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
|----------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 출 | 남중 | 몰 | 출 | 남중 | 몰 | 출 | 몰 | 출 | 몰 | 출 | 몰 |
| 20220701 | 06-03 | 05:14 | 12:35:55 | 19:57 | 06:39 | 14:18 | 21:51 | 04:43 | 20:28 | 04:04 | 21:07 | 03:21 | 21:51 |
| 20220702 | 06-04 | 05:15 | 12:36:06 | 19:57 | 07:39 | 15:06 | 22:25 | 04:44 | 20:28 | 04:05 | 21:07 | 03:21 | 21:51 |
| 20220703 | 06-05 | 05:15 | 12:36:18 | 19:57 | 08:39 | 15:52 | 22:54 | 04:44 | 20:28 | 04:05 | 21:07 | 03:22 | 21:50 |
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| 20220712 | 06-14 | 05:20 | 12:37:43 | 19:55 | 18:45 | 23:26 | 03:04 | 04:50 | 20:25 | 04:12 | 21:03 | 03:30 | 21:45 |
| 20220713 | 06-15 | 05:21 | 12:37:50 | 19:54 | 19:52 | --:-- | 04:05 | 04:51 | 20:25 | 04:13 | 21:02 | 03:31 | 21:44 |
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| 20220715 | 06-17 | 05:22 | 12:38:03 | 19:53 | 21:33 | 01:38 | 06:33 | 04:52 | 20:24 | 04:14 | 21:01 | 03:33 | 21:43 |
| 20220716 | 06-18 | 05:23 | 12:38:09 | 19:53 | 22:10 | 02:38 | 07:51 | 04:53 | 20:23 | 04:15 | 21:00 | 03:34 | 21:42 |
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| 20220719 | 06-21 | 05:25 | 12:38:23 | 19:51 | 23:33 | 05:10 | 11:21 | 04:55 | 20:21 | 04:18 | 20:58 | 03:37 | 21:39 |
| 20220720 | 06-22 | 05:26 | 12:38:27 | 19:50 | 23:59 | 05:54 | 12:25 | 04:56 | 20:20 | 04:19 | 20:57 | 03:38 | 21:38 |
| 20220721 | 06-23 | 05:27 | 12:38:30 | 19:50 | --:-- | 06:38 | 13:27 | 04:57 | 20:20 | 04:20 | 20:56 | 03:39 | 21:37 |
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| 20220724 | 06-26 | 05:29 | 12:38:37 | 19:48 | 01:26 | 08:55 | 16:30 | 04:59 | 20:17 | 04:23 | 20:54 | 03:43 | 21:34 |
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| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
|----------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
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| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
|----------|-------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
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| 20220903 | 08-08 | 06:04 | 12:31:34 | 18:59 | 13:00 | 17:57 | 22:48 | 05:37 | 19:26 | 05:05 | 19:57 | 04:32 | 20:30 |
| 20220904 | 08-09 | 06:04 | 12:31:14 | 18:57 | 14:11 | 18:56 | 23:36 | 05:38 | 19:24 | 05:06 | 19:56 | 04:33 | 20:28 |
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| 20220923 | 08-28 | 06:20 | 12:24:34 | 18:28 | 03:14 | 10:27 | 17:30 | 05:54 | 18:54 | 05:24 | 19:25 | 04:53 | 19:56 |
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| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
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| 20221007 | 09-12 | 06:32 | 12:20:00 | 18:07 | 17:04 | 22:38 | 03:10 | 06:06 | 18:33 | 05:36 | 19:03 | 05:06 | 19:34 |
| 20221008 | 09-13 | 06:33 | 12:19:43 | 18:06 | 17:32 | 23:26 | 04:21 | 06:07 | 18:32 | 05:37 | 19:02 | 05:06 | 19:32 |
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| 20221011 | 09-16 | 06:36 | 12:18:54 | 18:01 | 18:50 | 00:58 | 07:44 | 06:10 | 18:27 | 05:39 | 18:58 | 05:09 | 19:28 |
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| 20221014 | 09-19 | 06:39 | 12:18:09 | 17:57 | 20:31 | 03:21 | 10:58 | 06:13 | 18:23 | 05:42 | 18:54 | 05:12 | 19:24 |
| 20221015 | 09-20 | 06:40 | 12:17:55 | 17:56 | 21:15 | 04:12 | 11:58 | 06:13 | 18:22 | 05:43 | 18:52 | 05:13 | 19:22 |
| 20221016 | 09-21 | 06:41 | 12:17:42 | 17:54 | 22:05 | 05:03 | 12:53 | 06:14 | 18:21 | 05:44 | 18:51 | 05:14 | 19:21 |
| 20221017 | 09-22 | 06:42 | 12:17:29 | 17:53 | 23:00 | 05:55 | 13:42 | 06:15 | 18:19 | 05:45 | 18:50 | 05:15 | 19:20 |
| 20221018 | 09-23 | 06:43 | 12:17:17 | 17:51 | 23:59 | 06:45 | 14:24 | 06:16 | 18:18 | 05:46 | 18:48 | 05:15 | 19:19 |
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| 20221024 | 09-29 | 06:48 | 12:16:18 | 17:44 | 05:10 | 11:16 | 17:13 | 06:22 | 18:10 | 05:51 | 18:41 | 05:21 | 19:11 |
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| 20221028 | 10-04 | 06:52 | 12:15:53 | 17:39 | 09:52 | 14:43 | 19:29 | 06:26 | 18:06 | 05:55 | 18:36 | 05:24 | 19:07 |
| 20221029 | 10-05 | 06:53 | 12:15:49 | 17:38 | 11:04 | 15:44 | 20:22 | 06:27 | 18:05 | 05:56 | 18:35 | 05:25 | 19:06 |
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| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
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| 20221107 | 10-14 | 07:03 | 12:15:43 | 17:28 | 16:51 | 23:37 | 05:29 | 06:35 | 17:56 | 06:04 | 18:27 | 05:34 | 18:57 |
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| 20221113 | 10-20 | 07:09 | 12:16:17 | 17:23 | 20:49 | 03:46 | 11:35 | 06:41 | 17:51 | 06:10 | 18:22 | 05:39 | 18:53 |
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| 20221117 | 10-24 | 07:13 | 12:16:56 | 17:20 | --:-- | 06:58 | 13:59 | 06:45 | 17:48 | 06:14 | 18:20 | 05:43 | 18:51 |
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| 20221119 | 10-26 | 07:15 | 12:17:21 | 17:19 | 01:49 | 08:24 | 14:49 | 06:47 | 17:47 | 06:16 | 18:19 | 05:44 | 18:50 |
| 20221120 | 10-27 | 07:17 | 12:17:34 | 17:18 | 02:52 | 09:07 | 15:13 | 06:48 | 17:46 | 06:16 | 18:18 | 05:45 | 18:49 |
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| 양력(일) | 음력 | 일출몰 | | | 월출몰 | | | 시민박명 | | 항해박명 | | 천문박명 | |
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| 20221228 | 12-06 | 07:46 | 12:33:24 | 17:21 | 11:41 | 17:16 | 23:00 | 07:17 | 17:50 | 06:44 | 18:23 | 06:12 | 18:55 |
| 20221229 | 12-07 | 07:46 | 12:33:53 | 17:22 | 12:08 | 18:03 | --:-- | 07:17 | 17:51 | 06:44 | 18:24 | 06:12 | 18:56 |
| 20221230 | 12-08 | 07:46 | 12:34:22 | 17:22 | 12:34 | 18:48 | 00:08 | 07:17 | 17:52 | 06:44 | 18:24 | 06:13 | 18:56 |
| 20221231 | 12-09 | 07:47 | 12:34:51 | 17:23 | 12:59 | 19:33 | 01:13 | 07:17 | 17:52 | 06:45 | 18:25 | 06:13 | 18:57 |