

**GEN 2.7 日出 / 日没表 SUNRISE/SUNSET TABLES**

日出 / 日没表中公布的时间为北京标准时间。

The time issued in sunrise/sunset tables is Beijing Standard Time.

| 北京/首都<br>BEIJING/Capital |               |              | 北京/大兴<br>BEIJING/Daxing |               |              | 长春/龙嘉<br>CHANGCHUN/Longjia |               |              | 长沙/黄花<br>CHANGSHA/Huanghua |               |              |
|--------------------------|---------------|--------------|-------------------------|---------------|--------------|----------------------------|---------------|--------------|----------------------------|---------------|--------------|
| 月/日<br>Date              | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                    | 07:36         | 16:58        | 01/01                   | 07:35         | 17:01        | 01/01                      | 07:12         | 16:09        | 01/01                      | 07:19         | 17:42        |
| 01/10                    | 07:35         | 17:07        | 01/10                   | 07:35         | 17:09        | 01/10                      | 07:11         | 16:18        | 01/10                      | 07:20         | 17:49        |
| 01/20                    | 07:32         | 17:18        | 01/20                   | 07:31         | 17:20        | 01/20                      | 07:06         | 16:31        | 01/20                      | 07:19         | 17:57        |
| 02/01                    | 07:23         | 17:32        | 02/01                   | 07:23         | 17:34        | 02/01                      | 06:55         | 16:47        | 02/01                      | 07:15         | 18:07        |
| 02/10                    | 07:13         | 17:43        | 02/10                   | 07:13         | 17:44        | 02/10                      | 06:44         | 16:59        | 02/10                      | 07:09         | 18:14        |
| 02/20                    | 07:01         | 17:55        | 02/20                   | 07:01         | 17:56        | 02/20                      | 06:30         | 17:13        | 02/20                      | 07:01         | 18:21        |
| 03/01                    | 06:48         | 18:05        | 03/01                   | 06:48         | 18:06        | 03/01                      | 06:15         | 17:25        | 03/01                      | 06:52         | 18:27        |
| 03/10                    | 06:34         | 18:15        | 03/10                   | 06:35         | 18:15        | 03/10                      | 06:00         | 17:36        | 03/10                      | 06:43         | 18:32        |
| 03/20                    | 06:18         | 18:25        | 03/20                   | 06:19         | 18:26        | 03/20                      | 05:42         | 17:49        | 03/20                      | 06:32         | 18:38        |
| 04/01                    | 05:59         | 18:37        | 04/01                   | 06:00         | 18:38        | 04/01                      | 05:20         | 18:04        | 04/01                      | 06:18         | 18:45        |
| 04/10                    | 05:44         | 18:47        | 04/10                   | 05:46         | 18:47        | 04/10                      | 05:04         | 18:14        | 04/10                      | 06:08         | 18:50        |
| 04/20                    | 05:29         | 18:57        | 04/20                   | 05:31         | 18:56        | 04/20                      | 04:47         | 18:27        | 04/20                      | 05:58         | 18:55        |
| 05/01                    | 05:14         | 19:08        | 05/01                   | 05:16         | 19:07        | 05/01                      | 04:30         | 18:40        | 05/01                      | 05:47         | 19:01        |
| 05/10                    | 05:04         | 19:17        | 05/10                   | 05:06         | 19:16        | 05/10                      | 04:18         | 18:50        | 05/10                      | 05:41         | 19:07        |
| 05/20                    | 04:54         | 19:26        | 05/20                   | 04:57         | 19:25        | 05/20                      | 04:07         | 19:01        | 05/20                      | 05:35         | 19:13        |
| 06/01                    | 04:47         | 19:36        | 06/01                   | 04:49         | 19:35        | 06/01                      | 03:58         | 19:13        | 06/01                      | 05:31         | 19:19        |
| 06/10                    | 04:44         | 19:42        | 06/10                   | 04:47         | 19:41        | 06/10                      | 03:54         | 19:19        | 06/10                      | 05:30         | 19:23        |
| 06/20                    | 04:44         | 19:46        | 06/20                   | 04:47         | 19:45        | 06/20                      | 03:54         | 19:23        | 06/20                      | 05:31         | 19:27        |
| 07/01                    | 04:48         | 19:47        | 07/01                   | 04:51         | 19:46        | 07/01                      | 03:58         | 19:24        | 07/01                      | 05:34         | 19:28        |
| 07/10                    | 04:53         | 19:44        | 07/10                   | 04:56         | 19:44        | 07/10                      | 04:04         | 19:21        | 07/10                      | 05:37         | 19:27        |
| 07/20                    | 05:01         | 19:39        | 07/20                   | 05:03         | 19:38        | 07/20                      | 04:12         | 19:14        | 07/20                      | 05:42         | 19:24        |
| 08/01                    | 05:11         | 19:28        | 08/01                   | 05:13         | 19:28        | 08/01                      | 04:25         | 19:02        | 08/01                      | 05:49         | 19:18        |
| 08/10                    | 05:20         | 19:18        | 08/10                   | 05:22         | 19:18        | 08/10                      | 04:35         | 18:50        | 08/10                      | 05:54         | 19:11        |
| 08/20                    | 05:29         | 19:04        | 08/20                   | 05:31         | 19:04        | 08/20                      | 04:46         | 18:35        | 08/20                      | 05:59         | 19:02        |
| 09/01                    | 05:41         | 18:46        | 09/01                   | 05:42         | 18:47        | 09/01                      | 05:00         | 18:14        | 09/01                      | 06:05         | 18:49        |
| 09/10                    | 05:49         | 18:32        | 09/10                   | 05:50         | 18:32        | 09/10                      | 05:10         | 17:58        | 09/10                      | 06:10         | 18:38        |
| 09/20                    | 05:59         | 18:15        | 09/20                   | 05:59         | 18:16        | 09/20                      | 05:21         | 17:39        | 09/20                      | 06:14         | 18:27        |
| 10/01                    | 06:09         | 17:57        | 10/01                   | 06:10         | 17:58        | 10/01                      | 05:34         | 17:19        | 10/01                      | 06:20         | 18:14        |
| 10/10                    | 06:18         | 17:42        | 10/10                   | 06:19         | 17:44        | 10/10                      | 05:45         | 17:03        | 10/10                      | 06:24         | 18:04        |
| 10/20                    | 06:29         | 17:28        | 10/20                   | 06:29         | 17:29        | 10/20                      | 05:57         | 16:46        | 10/20                      | 06:30         | 17:53        |
| 11/01                    | 06:42         | 17:12        | 11/01                   | 06:42         | 17:14        | 11/01                      | 06:13         | 16:28        | 11/01                      | 06:38         | 17:43        |
| 11/10                    | 06:53         | 17:02        | 11/10                   | 06:52         | 17:04        | 11/10                      | 06:25         | 16:17        | 11/10                      | 06:45         | 17:37        |
| 11/20                    | 07:04         | 16:54        | 11/20                   | 07:03         | 16:56        | 11/20                      | 06:38         | 16:07        | 11/20                      | 06:53         | 17:33        |
| 12/01                    | 07:16         | 16:49        | 12/01                   | 07:15         | 16:51        | 12/01                      | 06:51         | 16:01        | 12/01                      | 07:01         | 17:31        |
| 12/10                    | 07:24         | 16:48        | 12/10                   | 07:23         | 16:50        | 12/10                      | 07:00         | 15:59        | 12/10                      | 07:08         | 17:32        |
| 12/20                    | 07:31         | 16:51        | 12/20                   | 07:30         | 16:53        | 12/20                      | 07:08         | 16:01        | 12/20                      | 07:14         | 17:35        |

| 常州/奔牛<br>CHANGZHOU/Benniu |               |              | 成都/双流<br>CHENGDU/Shuangliu |               |              | 重庆/江北<br>CHONGQING/Jiangbei |               |              | 大连/周水子<br>DALIAN/Zhoushuizi |               |              |
|---------------------------|---------------|--------------|----------------------------|---------------|--------------|-----------------------------|---------------|--------------|-----------------------------|---------------|--------------|
| 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                 | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                 | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                     | 07:01         | 17:07        | 01/01                      | 08:01         | 18:14        | 01/01                       | 07:49         | 18:05        | 01/01                       | 07:13         | 16:42        |
| 01/10                     | 07:02         | 17:15        | 01/10                      | 08:02         | 18:21        | 01/10                       | 07:50         | 18:12        | 01/10                       | 07:13         | 16:50        |
| 01/20                     | 07:00         | 17:23        | 01/20                      | 08:01         | 18:29        | 01/20                       | 07:49         | 18:20        | 01/20                       | 07:09         | 17:01        |
| 02/01                     | 06:55         | 17:34        | 02/01                      | 07:56         | 18:40        | 02/01                       | 07:44         | 18:31        | 02/01                       | 07:01         | 17:14        |
| 02/10                     | 06:48         | 17:43        | 02/10                      | 07:49         | 18:48        | 02/10                       | 07:37         | 18:38        | 02/10                       | 06:52         | 17:25        |
| 02/20                     | 06:39         | 17:51        | 02/20                      | 07:41         | 18:56        | 02/20                       | 07:29         | 18:46        | 02/20                       | 06:40         | 17:36        |
| 03/01                     | 06:29         | 17:58        | 03/01                      | 07:31         | 19:03        | 03/01                       | 07:20         | 18:52        | 03/01                       | 06:27         | 17:46        |
| 03/10                     | 06:18         | 18:05        | 03/10                      | 07:21         | 19:09        | 03/10                       | 07:10         | 18:58        | 03/10                       | 06:14         | 17:55        |
| 03/20                     | 06:05         | 18:12        | 03/20                      | 07:09         | 19:15        | 03/20                       | 06:58         | 19:05        | 03/20                       | 05:58         | 18:05        |
| 04/01                     | 05:50         | 18:20        | 04/01                      | 06:54         | 19:23        | 04/01                       | 06:44         | 19:12        | 04/01                       | 05:39         | 18:17        |
| 04/10                     | 05:39         | 18:26        | 04/10                      | 06:43         | 19:29        | 04/10                       | 06:33         | 19:17        | 04/10                       | 05:26         | 18:26        |
| 04/20                     | 05:27         | 18:33        | 04/20                      | 06:32         | 19:35        | 04/20                       | 06:22         | 19:23        | 04/20                       | 05:11         | 18:35        |
| 05/01                     | 05:16         | 18:41        | 05/01                      | 06:21         | 19:42        | 05/01                       | 06:11         | 19:30        | 05/01                       | 04:57         | 18:46        |
| 05/10                     | 05:08         | 18:47        | 05/10                      | 06:13         | 19:48        | 05/10                       | 06:04         | 19:36        | 05/10                       | 04:46         | 18:55        |
| 05/20                     | 05:01         | 18:54        | 05/20                      | 06:07         | 19:55        | 05/20                       | 05:58         | 19:42        | 05/20                       | 04:37         | 19:04        |
| 06/01                     | 04:56         | 19:02        | 06/01                      | 06:02         | 20:02        | 06/01                       | 05:54         | 19:49        | 06/01                       | 04:30         | 19:13        |
| 06/10                     | 04:54         | 19:06        | 06/10                      | 06:01         | 20:06        | 06/10                       | 05:52         | 19:53        | 06/10                       | 04:28         | 19:19        |
| 06/20                     | 04:55         | 19:10        | 06/20                      | 06:02         | 20:10        | 06/20                       | 05:53         | 19:57        | 06/20                       | 04:28         | 19:22        |
| 07/01                     | 04:58         | 19:11        | 07/01                      | 06:05         | 20:11        | 07/01                       | 05:56         | 19:58        | 07/01                       | 04:32         | 19:23        |
| 07/10                     | 05:03         | 19:10        | 07/10                      | 06:09         | 20:10        | 07/10                       | 06:00         | 19:57        | 07/10                       | 04:37         | 19:21        |
| 07/20                     | 05:08         | 19:06        | 07/20                      | 06:15         | 20:06        | 07/20                       | 06:06         | 19:54        | 07/20                       | 04:44         | 19:16        |
| 08/01                     | 05:16         | 18:58        | 08/01                      | 06:22         | 19:59        | 08/01                       | 06:13         | 19:47        | 08/01                       | 04:54         | 19:06        |
| 08/10                     | 05:22         | 18:50        | 08/10                      | 06:27         | 19:51        | 08/10                       | 06:18         | 19:39        | 08/10                       | 05:02         | 18:56        |
| 08/20                     | 05:28         | 18:40        | 08/20                      | 06:33         | 19:41        | 08/20                       | 06:24         | 19:30        | 08/20                       | 05:11         | 18:43        |
| 09/01                     | 05:36         | 18:26        | 09/01                      | 06:40         | 19:28        | 09/01                       | 06:30         | 19:16        | 09/01                       | 05:22         | 18:25        |
| 09/10                     | 05:41         | 18:14        | 09/10                      | 06:45         | 19:17        | 09/10                       | 06:35         | 19:05        | 09/10                       | 05:30         | 18:11        |
| 09/20                     | 05:48         | 18:01        | 09/20                      | 06:51         | 19:04        | 09/20                       | 06:40         | 18:53        | 09/20                       | 05:39         | 17:55        |
| 10/01                     | 05:54         | 17:47        | 10/01                      | 06:57         | 18:50        | 10/01                       | 06:46         | 18:40        | 10/01                       | 05:49         | 17:37        |
| 10/10                     | 06:00         | 17:35        | 10/10                      | 07:03         | 18:39        | 10/10                       | 06:52         | 18:29        | 10/10                       | 05:58         | 17:23        |
| 10/20                     | 06:08         | 17:24        | 10/20                      | 07:10         | 18:28        | 10/20                       | 06:58         | 18:18        | 10/20                       | 06:08         | 17:09        |
| 11/01                     | 06:17         | 17:12        | 11/01                      | 07:18         | 18:17        | 11/01                       | 07:07         | 18:07        | 11/01                       | 06:21         | 16:54        |
| 11/10                     | 06:25         | 17:05        | 11/10                      | 07:26         | 18:10        | 11/10                       | 07:14         | 18:01        | 11/10                       | 06:30         | 16:45        |
| 11/20                     | 06:33         | 16:59        | 11/20                      | 07:34         | 18:05        | 11/20                       | 07:22         | 17:56        | 11/20                       | 06:42         | 16:37        |
| 12/01                     | 06:43         | 16:56        | 12/01                      | 07:43         | 18:03        | 12/01                       | 07:31         | 17:54        | 12/01                       | 06:53         | 16:32        |
| 12/10                     | 06:50         | 16:57        | 12/10                      | 07:50         | 18:03        | 12/10                       | 07:37         | 17:55        | 12/10                       | 07:01         | 16:31        |
| 12/20                     | 06:56         | 17:00        | 12/20                      | 07:56         | 18:07        | 12/20                       | 07:44         | 17:58        | 12/20                       | 07:08         | 16:34        |

| 德宏/芒市<br>DEHONG/Mangshi |               |              | 敦煌<br>DUNHUANG/Dunhuang |               |              | 福州/长乐<br>FUZHOU/Changle |               |              | 广州/白云<br>GUANGZHOU/Baiyun |               |              |
|-------------------------|---------------|--------------|-------------------------|---------------|--------------|-------------------------|---------------|--------------|---------------------------|---------------|--------------|
| 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                   | 08:10         | 18:49        | 01/01                   | 09:03         | 18:25        | 01/01                   | 06:48         | 17:21        | 01/01                     | 07:08         | 17:52        |
| 01/10                   | 08:11         | 18:55        | 01/10                   | 09:03         | 18:34        | 01/10                   | 06:50         | 17:28        | 01/10                     | 07:10         | 17:58        |
| 01/20                   | 08:11         | 19:03        | 01/20                   | 08:59         | 18:45        | 01/20                   | 06:49         | 17:35        | 01/20                     | 07:10         | 18:05        |
| 02/01                   | 08:08         | 19:11        | 02/01                   | 08:50         | 18:59        | 02/01                   | 06:46         | 17:44        | 02/01                     | 07:07         | 18:14        |
| 02/10                   | 08:03         | 19:17        | 02/10                   | 08:41         | 19:10        | 02/10                   | 06:41         | 17:51        | 02/10                     | 07:03         | 18:19        |
| 02/20                   | 07:56         | 19:23        | 02/20                   | 08:28         | 19:22        | 02/20                   | 06:33         | 17:57        | 02/20                     | 06:56         | 18:25        |
| 03/01                   | 07:49         | 19:28        | 03/01                   | 08:15         | 19:32        | 03/01                   | 06:25         | 18:03        | 03/01                     | 06:49         | 18:30        |
| 03/10                   | 07:40         | 19:32        | 03/10                   | 08:01         | 19:42        | 03/10                   | 06:16         | 18:07        | 03/10                     | 06:41         | 18:34        |
| 03/20                   | 07:30         | 19:37        | 03/20                   | 07:45         | 19:52        | 03/20                   | 06:06         | 18:12        | 03/20                     | 06:31         | 18:38        |
| 04/01                   | 07:18         | 19:42        | 04/01                   | 07:26         | 20:05        | 04/01                   | 05:53         | 18:18        | 04/01                     | 06:20         | 18:42        |
| 04/10                   | 07:09         | 19:46        | 04/10                   | 07:11         | 20:14        | 04/10                   | 05:44         | 18:22        | 04/10                     | 06:11         | 18:46        |
| 04/20                   | 07:00         | 19:50        | 04/20                   | 06:56         | 20:24        | 04/20                   | 05:34         | 18:27        | 04/20                     | 06:02         | 18:50        |
| 05/01                   | 06:51         | 19:55        | 05/01                   | 06:41         | 20:35        | 05/01                   | 05:25         | 18:33        | 05/01                     | 05:54         | 18:54        |
| 05/10                   | 06:45         | 19:59        | 05/10                   | 06:31         | 20:44        | 05/10                   | 05:19         | 18:37        | 05/10                     | 05:48         | 18:59        |
| 05/20                   | 06:41         | 20:04        | 05/20                   | 06:21         | 20:54        | 05/20                   | 05:13         | 18:43        | 05/20                     | 05:43         | 19:03        |
| 06/01                   | 06:37         | 20:10        | 06/01                   | 06:14         | 21:04        | 06/01                   | 05:10         | 18:49        | 06/01                     | 05:40         | 19:09        |
| 06/10                   | 06:37         | 20:14        | 06/10                   | 06:11         | 21:09        | 06/10                   | 05:09         | 18:53        | 06/10                     | 05:40         | 19:13        |
| 06/20                   | 06:38         | 20:17        | 06/20                   | 06:11         | 21:13        | 06/20                   | 05:10         | 18:56        | 06/20                     | 05:41         | 19:16        |
| 07/01                   | 06:41         | 20:18        | 07/01                   | 06:15         | 21:14        | 07/01                   | 05:13         | 18:57        | 07/01                     | 05:44         | 19:17        |
| 07/10                   | 06:44         | 20:18        | 07/10                   | 06:20         | 21:12        | 07/10                   | 05:17         | 18:57        | 07/10                     | 05:47         | 19:17        |
| 07/20                   | 06:49         | 20:16        | 07/20                   | 06:28         | 21:06        | 07/20                   | 05:21         | 18:54        | 07/20                     | 05:51         | 19:15        |
| 08/01                   | 06:54         | 20:10        | 08/01                   | 06:38         | 20:55        | 08/01                   | 05:27         | 18:48        | 08/01                     | 05:57         | 19:09        |
| 08/10                   | 06:58         | 20:04        | 08/10                   | 06:47         | 20:45        | 08/10                   | 05:32         | 18:42        | 08/10                     | 06:01         | 19:04        |
| 08/20                   | 07:02         | 19:56        | 08/20                   | 06:56         | 20:31        | 08/20                   | 05:36         | 18:33        | 08/20                     | 06:04         | 18:56        |
| 09/01                   | 07:07         | 19:45        | 09/01                   | 07:08         | 20:13        | 09/01                   | 05:41         | 18:21        | 09/01                     | 06:09         | 18:45        |
| 09/10                   | 07:10         | 19:35        | 09/10                   | 07:16         | 19:59        | 09/10                   | 05:45         | 18:12        | 09/10                     | 06:12         | 18:36        |
| 09/20                   | 07:14         | 19:25        | 09/20                   | 07:26         | 19:42        | 09/20                   | 05:49         | 18:01        | 09/20                     | 06:15         | 18:26        |
| 10/01                   | 07:18         | 19:13        | 10/01                   | 07:37         | 19:24        | 10/01                   | 05:53         | 17:49        | 10/01                     | 06:18         | 18:15        |
| 10/10                   | 07:21         | 19:04        | 10/10                   | 07:46         | 19:09        | 10/10                   | 05:57         | 17:39        | 10/10                     | 06:22         | 18:06        |
| 10/20                   | 07:26         | 18:55        | 10/20                   | 07:56         | 18:54        | 10/20                   | 06:03         | 17:30        | 10/20                     | 06:26         | 17:57        |
| 11/01                   | 07:32         | 18:46        | 11/01                   | 08:10         | 18:39        | 11/01                   | 06:10         | 17:20        | 11/01                     | 06:32         | 17:49        |
| 11/10                   | 07:38         | 18:41        | 11/10                   | 08:20         | 18:29        | 11/10                   | 06:16         | 17:15        | 11/10                     | 06:37         | 17:44        |
| 11/20                   | 07:45         | 18:38        | 11/20                   | 08:31         | 18:21        | 11/20                   | 06:23         | 17:11        | 11/20                     | 06:44         | 17:41        |
| 12/01                   | 07:52         | 18:37        | 12/01                   | 08:43         | 18:16        | 12/01                   | 06:31         | 17:09        | 12/01                     | 06:51         | 17:40        |
| 12/10                   | 07:59         | 18:38        | 12/10                   | 08:52         | 18:15        | 12/10                   | 06:37         | 17:11        | 12/10                     | 06:57         | 17:41        |
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| 桂林/两江<br>GUILIN/Liangjiang |               |              | 贵阳/龙洞堡<br>GUIYANG/Longdongbao |               |              | 海口/美兰<br>HAIKOU/Meilan |               |              | 杭州/萧山<br>HANGZHOU/Xiaoshan |               |              |
|----------------------------|---------------|--------------|-------------------------------|---------------|--------------|------------------------|---------------|--------------|----------------------------|---------------|--------------|
| 月/日<br>Date                | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                   | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date            | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                      | 07:25         | 18:01        | 01/01                         | 07:41         | 18:11        | 01/01                  | 07:13         | 18:10        | 01/01                      | 06:55         | 17:09        |
| 01/10                      | 07:27         | 18:08        | 01/10                         | 07:43         | 18:18        | 01/10                  | 07:15         | 18:16        | 01/10                      | 06:56         | 17:16        |
| 01/20                      | 07:27         | 18:15        | 01/20                         | 07:42         | 18:26        | 01/20                  | 07:16         | 18:22        | 01/20                      | 06:54         | 17:24        |
| 02/01                      | 07:23         | 18:24        | 02/01                         | 07:38         | 18:35        | 02/01                  | 07:14         | 18:30        | 02/01                      | 06:49         | 17:35        |
| 02/10                      | 07:18         | 18:30        | 02/10                         | 07:33         | 18:42        | 02/10                  | 07:10         | 18:35        | 02/10                      | 06:43         | 17:42        |
| 02/20                      | 07:11         | 18:37        | 02/20                         | 07:25         | 18:48        | 02/20                  | 07:05         | 18:40        | 02/20                      | 06:34         | 17:50        |
| 03/01                      | 07:03         | 18:42        | 03/01                         | 07:17         | 18:54        | 03/01                  | 06:58         | 18:43        | 03/01                      | 06:25         | 17:57        |
| 03/10                      | 06:55         | 18:46        | 03/10                         | 07:08         | 18:59        | 03/10                  | 06:51         | 18:46        | 03/10                      | 06:15         | 18:03        |
| 03/20                      | 06:44         | 18:51        | 03/20                         | 06:57         | 19:04        | 03/20                  | 06:43         | 18:49        | 03/20                      | 06:03         | 18:09        |
| 04/01                      | 06:32         | 18:56        | 04/01                         | 06:44         | 19:10        | 04/01                  | 06:32         | 18:52        | 04/01                      | 05:48         | 18:17        |
| 04/10                      | 06:23         | 19:00        | 04/10                         | 06:35         | 19:14        | 04/10                  | 06:25         | 18:55        | 04/10                      | 05:38         | 18:22        |
| 04/20                      | 06:13         | 19:05        | 04/20                         | 06:25         | 19:19        | 04/20                  | 06:17         | 18:58        | 04/20                      | 05:26         | 18:29        |
| 05/01                      | 06:04         | 19:10        | 05/01                         | 06:15         | 19:25        | 05/01                  | 06:09         | 19:01        | 05/01                      | 05:16         | 18:36        |
| 05/10                      | 05:58         | 19:15        | 05/10                         | 06:09         | 19:30        | 05/10                  | 06:05         | 19:05        | 05/10                      | 05:08         | 18:42        |
| 05/20                      | 05:53         | 19:20        | 05/20                         | 06:04         | 19:35        | 05/20                  | 06:01         | 19:09        | 05/20                      | 05:02         | 18:48        |
| 06/01                      | 05:50         | 19:26        | 06/01                         | 06:00         | 19:41        | 06/01                  | 05:58         | 19:14        | 06/01                      | 04:57         | 18:55        |
| 06/10                      | 05:49         | 19:30        | 06/10                         | 05:59         | 19:45        | 06/10                  | 05:58         | 19:17        | 06/10                      | 04:56         | 18:59        |
| 06/20                      | 05:50         | 19:33        | 06/20                         | 06:00         | 19:49        | 06/20                  | 06:00         | 19:20        | 06/20                      | 04:57         | 19:03        |
| 07/01                      | 05:53         | 19:34        | 07/01                         | 06:03         | 19:50        | 07/01                  | 06:02         | 19:22        | 07/01                      | 05:00         | 19:04        |
| 07/10                      | 05:57         | 19:34        | 07/10                         | 06:07         | 19:49        | 07/10                  | 06:05         | 19:21        | 07/10                      | 05:04         | 19:03        |
| 07/20                      | 06:01         | 19:31        | 07/20                         | 06:11         | 19:47        | 07/20                  | 06:09         | 19:20        | 07/20                      | 05:09         | 19:00        |
| 08/01                      | 06:07         | 19:25        | 08/01                         | 06:18         | 19:40        | 08/01                  | 06:14         | 19:15        | 08/01                      | 05:17         | 18:52        |
| 08/10                      | 06:11         | 19:19        | 08/10                         | 06:22         | 19:34        | 08/10                  | 06:17         | 19:10        | 08/10                      | 05:22         | 18:45        |
| 08/20                      | 06:15         | 19:11        | 08/20                         | 06:27         | 19:25        | 08/20                  | 06:20         | 19:04        | 08/20                      | 05:28         | 18:35        |
| 09/01                      | 06:20         | 18:59        | 09/01                         | 06:32         | 19:13        | 09/01                  | 06:22         | 18:54        | 09/01                      | 05:35         | 18:22        |
| 09/10                      | 06:24         | 18:50        | 09/10                         | 06:36         | 19:03        | 09/10                  | 06:24         | 18:46        | 09/10                      | 05:40         | 18:11        |
| 09/20                      | 06:27         | 18:39        | 09/20                         | 06:40         | 18:52        | 09/20                  | 06:26         | 18:37        | 09/20                      | 05:45         | 17:58        |
| 10/01                      | 06:32         | 18:27        | 10/01                         | 06:45         | 18:40        | 10/01                  | 06:29         | 18:27        | 10/01                      | 05:51         | 17:44        |
| 10/10                      | 06:36         | 18:18        | 10/10                         | 06:49         | 18:30        | 10/10                  | 06:31         | 18:19        | 10/10                      | 05:57         | 17:34        |
| 10/20                      | 06:40         | 18:09        | 10/20                         | 06:55         | 18:20        | 10/20                  | 06:34         | 18:11        | 10/20                      | 06:03         | 17:23        |
| 11/01                      | 06:47         | 17:59        | 11/01                         | 07:02         | 18:11        | 11/01                  | 06:39         | 18:04        | 11/01                      | 06:12         | 17:11        |
| 11/10                      | 06:53         | 17:54        | 11/10                         | 07:08         | 18:05        | 11/10                  | 06:44         | 18:00        | 11/10                      | 06:19         | 17:05        |
| 11/20                      | 07:00         | 17:51        | 11/20                         | 07:15         | 18:01        | 11/20                  | 06:50         | 17:58        | 11/20                      | 06:27         | 17:00        |
| 12/01                      | 07:08         | 17:49        | 12/01                         | 07:23         | 18:00        | 12/01                  | 06:56         | 17:58        | 12/01                      | 06:37         | 16:58        |
| 12/10                      | 07:14         | 17:51        | 12/10                         | 07:30         | 18:01        | 12/10                  | 07:02         | 17:59        | 12/10                      | 06:43         | 16:58        |
| 12/20                      | 07:20         | 17:54        | 12/20                         | 07:36         | 18:04        | 12/20                  | 07:08         | 18:03        | 12/20                      | 06:50         | 17:02        |

| 哈尔滨/太平<br>HARBIN/Taiping |               |              | 合肥/新桥<br>HEFEI/Xinqiao |               |              | 呼和浩特/白塔<br>HOHHOT/Baita |               |              | 和田<br>HOTAN/Hotan |               |              |
|--------------------------|---------------|--------------|------------------------|---------------|--------------|-------------------------|---------------|--------------|-------------------|---------------|--------------|
| 月/日<br>Date              | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date            | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date       | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                    | 07:16         | 16:01        | 01/01                  | 07:13         | 17:19        | 01/01                   | 07:57         | 17:15        | 01/01             | 09:54         | 19:34        |
| 01/10                    | 07:14         | 16:11        | 01/10                  | 07:13         | 17:26        | 01/10                   | 07:57         | 17:24        | 01/10             | 09:54         | 19:42        |
| 01/20                    | 07:09         | 16:23        | 01/20                  | 07:12         | 17:35        | 01/20                   | 07:53         | 17:35        | 01/20             | 09:51         | 19:52        |
| 02/01                    | 06:57         | 16:41        | 02/01                  | 07:06         | 17:46        | 02/01                   | 07:43         | 17:49        | 02/01             | 09:43         | 20:05        |
| 02/10                    | 06:45         | 16:54        | 02/10                  | 06:59         | 17:54        | 02/10                   | 07:34         | 18:01        | 02/10             | 09:35         | 20:15        |
| 02/20                    | 06:30         | 17:08        | 02/20                  | 06:50         | 18:02        | 02/20                   | 07:21         | 18:13        | 02/20             | 09:24         | 20:25        |
| 03/01                    | 06:15         | 17:21        | 03/01                  | 06:40         | 18:10        | 03/01                   | 07:08         | 18:23        | 03/01             | 09:12         | 20:34        |
| 03/10                    | 05:58         | 17:33        | 03/10                  | 06:29         | 18:16        | 03/10                   | 06:53         | 18:33        | 03/10             | 09:00         | 20:43        |
| 03/20                    | 05:39         | 17:47        | 03/20                  | 06:16         | 18:23        | 03/20                   | 06:37         | 18:44        | 03/20             | 08:45         | 20:52        |
| 04/01                    | 05:16         | 18:02        | 04/01                  | 06:01         | 18:32        | 04/01                   | 06:17         | 18:57        | 04/01             | 08:27         | 21:03        |
| 04/10                    | 05:00         | 18:14        | 04/10                  | 05:50         | 18:38        | 04/10                   | 06:03         | 19:06        | 04/10             | 08:14         | 21:11        |
| 04/20                    | 04:42         | 18:27        | 04/20                  | 05:38         | 18:45        | 04/20                   | 05:47         | 19:17        | 04/20             | 08:00         | 21:19        |
| 05/01                    | 04:24         | 18:41        | 05/01                  | 05:26         | 18:52        | 05/01                   | 05:32         | 19:29        | 05/01             | 07:47         | 21:29        |
| 05/10                    | 04:11         | 18:53        | 05/10                  | 05:19         | 18:59        | 05/10                   | 05:21         | 19:38        | 05/10             | 07:37         | 21:37        |
| 05/20                    | 03:59         | 19:04        | 05/20                  | 05:12         | 19:06        | 05/20                   | 05:11         | 19:48        | 05/20             | 07:29         | 21:46        |
| 06/01                    | 03:50         | 19:16        | 06/01                  | 05:07         | 19:13        | 06/01                   | 05:04         | 19:58        | 06/01             | 07:23         | 21:54        |
| 06/10                    | 03:46         | 19:23        | 06/10                  | 05:06         | 19:18        | 06/10                   | 05:01         | 20:04        | 06/10             | 07:20         | 22:00        |
| 06/20                    | 03:45         | 19:28        | 06/20                  | 05:06         | 19:21        | 06/20                   | 05:01         | 20:08        | 06/20             | 07:21         | 22:03        |
| 07/01                    | 03:49         | 19:28        | 07/01                  | 05:10         | 19:22        | 07/01                   | 05:05         | 20:08        | 07/01             | 07:24         | 22:04        |
| 07/10                    | 03:55         | 19:25        | 07/10                  | 05:14         | 19:21        | 07/10                   | 05:10         | 20:06        | 07/10             | 07:29         | 22:02        |
| 07/20                    | 04:05         | 19:17        | 07/20                  | 05:20         | 19:17        | 07/20                   | 05:18         | 20:00        | 07/20             | 07:36         | 21:58        |
| 08/01                    | 04:18         | 19:04        | 08/01                  | 05:27         | 19:09        | 08/01                   | 05:28         | 19:49        | 08/01             | 07:45         | 21:48        |
| 08/10                    | 04:29         | 18:52        | 08/10                  | 05:33         | 19:01        | 08/10                   | 05:37         | 19:38        | 08/10             | 07:53         | 21:39        |
| 08/20                    | 04:41         | 18:35        | 08/20                  | 05:40         | 18:51        | 08/20                   | 05:47         | 19:25        | 08/20             | 08:01         | 21:26        |
| 09/01                    | 04:55         | 18:14        | 09/01                  | 05:47         | 18:37        | 09/01                   | 05:59         | 19:06        | 09/01             | 08:11         | 21:10        |
| 09/10                    | 05:06         | 17:57        | 09/10                  | 05:53         | 18:25        | 09/10                   | 06:08         | 18:51        | 09/10             | 08:18         | 20:56        |
| 09/20                    | 05:19         | 17:38        | 09/20                  | 05:59         | 18:12        | 09/20                   | 06:18         | 18:34        | 09/20             | 08:26         | 20:41        |
| 10/01                    | 05:32         | 17:16        | 10/01                  | 06:06         | 17:57        | 10/01                   | 06:29         | 18:16        | 10/01             | 08:35         | 20:25        |
| 10/10                    | 05:44         | 16:59        | 10/10                  | 06:12         | 17:46        | 10/10                   | 06:38         | 18:01        | 10/10             | 08:43         | 20:11        |
| 10/20                    | 05:57         | 16:42        | 10/20                  | 06:19         | 17:34        | 10/20                   | 06:49         | 17:46        | 10/20             | 08:52         | 19:58        |
| 11/01                    | 06:14         | 16:23        | 11/01                  | 06:28         | 17:23        | 11/01                   | 07:03         | 17:29        | 11/01             | 09:04         | 19:44        |
| 11/10                    | 06:27         | 16:11        | 11/10                  | 06:36         | 17:16        | 11/10                   | 07:13         | 17:19        | 11/10             | 09:14         | 19:35        |
| 11/20                    | 06:40         | 16:00        | 11/20                  | 06:45         | 17:10        | 11/20                   | 07:25         | 17:11        | 11/20             | 09:24         | 19:28        |
| 12/01                    | 06:54         | 15:53        | 12/01                  | 06:54         | 17:07        | 12/01                   | 07:37         | 17:06        | 12/01             | 09:35         | 19:24        |
| 12/10                    | 07:04         | 15:51        | 12/10                  | 07:01         | 17:08        | 12/10                   | 07:46         | 17:05        | 12/10             | 09:43         | 19:24        |
| 12/20                    | 07:12         | 15:53        | 12/20                  | 07:08         | 17:11        | 12/20                   | 07:53         | 17:07        | 12/20             | 09:49         | 19:27        |

| 淮安/涟水<br>HUAIAN/Lianshui |               |              | 黄山/屯溪<br>HUANGSHAN/Tunxi |               |              | 呼伦贝尔/海拉尔<br>HULUNBEIER/Hailar |               |              | 佳木斯<br>JIAMUSI/Jiamusi |               |              |
|--------------------------|---------------|--------------|--------------------------|---------------|--------------|-------------------------------|---------------|--------------|------------------------|---------------|--------------|
| 月/日<br>Date              | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date              | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                   | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date            | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                    | 07:08         | 17:06        | 01/01                    | 07:02         | 17:19        | 01/01                         | 07:56         | 16:13        | 01/01                  | 07:03         | 15:40        |
| 01/10                    | 07:09         | 17:13        | 01/10                    | 07:03         | 17:25        | 01/10                         | 07:53         | 16:23        | 01/10                  | 07:02         | 15:50        |
| 01/20                    | 07:07         | 17:22        | 01/20                    | 07:02         | 17:34        | 01/20                         | 07:46         | 16:37        | 01/20                  | 06:56         | 16:03        |
| 02/01                    | 07:01         | 17:34        | 02/01                    | 06:57         | 17:44        | 02/01                         | 07:33         | 16:56        | 02/01                  | 06:43         | 16:20        |
| 02/10                    | 06:53         | 17:43        | 02/10                    | 06:51         | 17:52        | 02/10                         | 07:19         | 17:12        | 02/10                  | 06:31         | 16:34        |
| 02/20                    | 06:43         | 17:52        | 02/20                    | 06:42         | 17:59        | 02/20                         | 07:01         | 17:28        | 02/20                  | 06:15         | 16:50        |
| 03/01                    | 06:33         | 18:00        | 03/01                    | 06:33         | 18:06        | 03/01                         | 06:44         | 17:43        | 03/01                  | 05:59         | 17:03        |
| 03/10                    | 06:21         | 18:07        | 03/10                    | 06:23         | 18:12        | 03/10                         | 06:26         | 17:57        | 03/10                  | 05:42         | 17:16        |
| 03/20                    | 06:08         | 18:15        | 03/20                    | 06:12         | 18:18        | 03/20                         | 06:05         | 18:13        | 03/20                  | 05:22         | 17:30        |
| 04/01                    | 05:52         | 18:24        | 04/01                    | 05:57         | 18:25        | 04/01                         | 05:39         | 18:31        | 04/01                  | 04:59         | 17:47        |
| 04/10                    | 05:40         | 18:30        | 04/10                    | 05:47         | 18:31        | 04/10                         | 05:20         | 18:45        | 04/10                  | 04:41         | 17:59        |
| 04/20                    | 05:27         | 18:38        | 04/20                    | 05:36         | 18:37        | 04/20                         | 05:01         | 19:00        | 04/20                  | 04:23         | 18:13        |
| 05/01                    | 05:15         | 18:46        | 05/01                    | 05:25         | 18:44        | 05/01                         | 04:40         | 19:16        | 05/01                  | 04:04         | 18:27        |
| 05/10                    | 05:07         | 18:53        | 05/10                    | 05:18         | 18:49        | 05/10                         | 04:26         | 19:29        | 05/10                  | 03:51         | 18:39        |
| 05/20                    | 05:00         | 19:01        | 05/20                    | 05:12         | 18:56        | 05/20                         | 04:12         | 19:43        | 05/20                  | 03:38         | 18:52        |
| 06/01                    | 04:54         | 19:09        | 06/01                    | 05:07         | 19:03        | 06/01                         | 04:01         | 19:57        | 06/01                  | 03:28         | 19:04        |
| 06/10                    | 04:52         | 19:14        | 06/10                    | 05:06         | 19:07        | 06/10                         | 03:56         | 20:05        | 06/10                  | 03:24         | 19:11        |
| 06/20                    | 04:53         | 19:17        | 06/20                    | 05:07         | 19:10        | 06/20                         | 03:55         | 20:09        | 06/20                  | 03:23         | 19:16        |
| 07/01                    | 04:56         | 19:18        | 07/01                    | 05:10         | 19:12        | 07/01                         | 03:59         | 20:09        | 07/01                  | 03:27         | 19:16        |
| 07/10                    | 05:01         | 19:17        | 07/10                    | 05:14         | 19:11        | 07/10                         | 04:06         | 20:05        | 07/10                  | 03:34         | 19:13        |
| 07/20                    | 05:07         | 19:13        | 07/20                    | 05:19         | 19:07        | 07/20                         | 04:17         | 19:57        | 07/20                  | 03:43         | 19:05        |
| 08/01                    | 05:15         | 19:04        | 08/01                    | 05:26         | 19:00        | 08/01                         | 04:32         | 19:41        | 08/01                  | 03:57         | 18:51        |
| 08/10                    | 05:21         | 18:56        | 08/10                    | 05:31         | 18:53        | 08/10                         | 04:45         | 19:27        | 08/10                  | 04:09         | 18:38        |
| 08/20                    | 05:29         | 18:45        | 08/20                    | 05:37         | 18:43        | 08/20                         | 04:59         | 19:09        | 08/20                  | 04:21         | 18:21        |
| 09/01                    | 05:37         | 18:30        | 09/01                    | 05:44         | 18:30        | 09/01                         | 05:16         | 18:45        | 09/01                  | 04:37         | 17:59        |
| 09/10                    | 05:43         | 18:18        | 09/10                    | 05:49         | 18:19        | 09/10                         | 05:29         | 18:26        | 09/10                  | 04:49         | 17:41        |
| 09/20                    | 05:50         | 18:04        | 09/20                    | 05:54         | 18:07        | 09/20                         | 05:43         | 18:04        | 09/20                  | 05:02         | 17:21        |
| 10/01                    | 05:57         | 17:49        | 10/01                    | 06:00         | 17:53        | 10/01                         | 06:00         | 17:41        | 10/01                  | 05:16         | 16:59        |
| 10/10                    | 06:04         | 17:37        | 10/10                    | 06:05         | 17:43        | 10/10                         | 06:13         | 17:22        | 10/10                  | 05:28         | 16:42        |
| 10/20                    | 06:12         | 17:24        | 10/20                    | 06:12         | 17:32        | 10/20                         | 06:28         | 17:02        | 10/20                  | 05:42         | 16:23        |
| 11/01                    | 06:22         | 17:12        | 11/01                    | 06:20         | 17:21        | 11/01                         | 06:48         | 16:40        | 11/01                  | 06:00         | 16:03        |
| 11/10                    | 06:30         | 17:04        | 11/10                    | 06:27         | 17:14        | 11/10                         | 07:02         | 16:26        | 11/10                  | 06:13         | 15:51        |
| 11/20                    | 06:40         | 16:58        | 11/20                    | 06:35         | 17:10        | 11/20                         | 07:18         | 16:14        | 11/20                  | 06:27         | 15:40        |
| 12/01                    | 06:50         | 16:55        | 12/01                    | 06:44         | 17:07        | 12/01                         | 07:33         | 16:05        | 12/01                  | 06:42         | 15:32        |
| 12/10                    | 06:57         | 16:55        | 12/10                    | 06:51         | 17:08        | 12/10                         | 07:44         | 16:02        | 12/10                  | 06:52         | 15:30        |
| 12/20                    | 07:04         | 16:58        | 12/20                    | 06:57         | 17:11        | 12/20                         | 07:52         | 16:04        | 12/20                  | 07:00         | 15:31        |

| 揭阳/潮汕<br>JIEYANG/Chaoshan |               |              | 济南/遥墙<br>JINAN/Yaoqiang |               |              | 喀什<br>KASHI/Kashi |               |              | 昆明/长水<br>KUNMING/Changshui |               |              |
|---------------------------|---------------|--------------|-------------------------|---------------|--------------|-------------------|---------------|--------------|----------------------------|---------------|--------------|
| 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date       | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                     | 06:56         | 17:39        | 01/01                   | 07:24         | 17:05        | 01/01             | 10:16         | 19:42        | 01/01                      | 07:53         | 18:30        |
| 01/10                     | 06:58         | 17:45        | 01/10                   | 07:24         | 17:13        | 01/10             | 10:16         | 19:51        | 01/10                      | 07:55         | 18:36        |
| 01/20                     | 06:58         | 17:52        | 01/20                   | 07:21         | 17:23        | 01/20             | 10:13         | 20:01        | 01/20                      | 07:55         | 18:43        |
| 02/01                     | 06:55         | 18:00        | 02/01                   | 07:14         | 17:36        | 02/01             | 10:04         | 20:15        | 02/01                      | 07:51         | 18:52        |
| 02/10                     | 06:50         | 18:06        | 02/10                   | 07:06         | 17:46        | 02/10             | 09:55         | 20:26        | 02/10                      | 07:47         | 18:58        |
| 02/20                     | 06:44         | 18:12        | 02/20                   | 06:54         | 17:56        | 02/20             | 09:42         | 20:38        | 02/20                      | 07:40         | 19:05        |
| 03/01                     | 06:37         | 18:17        | 03/01                   | 06:43         | 18:05        | 03/01             | 09:30         | 20:48        | 03/01                      | 07:31         | 19:10        |
| 03/10                     | 06:28         | 18:21        | 03/10                   | 06:30         | 18:13        | 03/10             | 09:16         | 20:57        | 03/10                      | 07:22         | 19:15        |
| 03/20                     | 06:19         | 18:25        | 03/20                   | 06:16         | 18:22        | 03/20             | 09:00         | 21:07        | 03/20                      | 07:12         | 19:19        |
| 04/01                     | 06:07         | 18:29        | 04/01                   | 05:58         | 18:33        | 04/01             | 08:41         | 21:19        | 04/01                      | 07:00         | 19:25        |
| 04/10                     | 05:58         | 18:33        | 04/10                   | 05:45         | 18:41        | 04/10             | 08:27         | 21:28        | 04/10                      | 06:51         | 19:29        |
| 04/20                     | 05:49         | 18:37        | 04/20                   | 05:31         | 18:50        | 04/20             | 08:12         | 21:38        | 04/20                      | 06:41         | 19:33        |
| 05/01                     | 05:41         | 18:42        | 05/01                   | 05:18         | 18:59        | 05/01             | 07:57         | 21:49        | 05/01                      | 06:32         | 19:39        |
| 05/10                     | 05:35         | 18:46        | 05/10                   | 05:08         | 19:07        | 05/10             | 07:47         | 21:58        | 05/10                      | 06:26         | 19:43        |
| 05/20                     | 05:30         | 18:51        | 05/20                   | 05:00         | 19:16        | 05/20             | 07:38         | 22:07        | 05/20                      | 06:21         | 19:48        |
| 06/01                     | 05:27         | 18:56        | 06/01                   | 04:54         | 19:24        | 06/01             | 07:31         | 22:17        | 06/01                      | 06:18         | 19:54        |
| 06/10                     | 05:27         | 19:00        | 06/10                   | 04:52         | 19:30        | 06/10             | 07:28         | 22:23        | 06/10                      | 06:18         | 19:58        |
| 06/20                     | 05:28         | 19:03        | 06/20                   | 04:52         | 19:33        | 06/20             | 07:28         | 22:26        | 06/20                      | 06:19         | 20:01        |
| 07/01                     | 05:31         | 19:05        | 07/01                   | 04:55         | 19:34        | 07/01             | 07:32         | 22:27        | 07/01                      | 06:22         | 20:02        |
| 07/10                     | 05:34         | 19:04        | 07/10                   | 05:00         | 19:33        | 07/10             | 07:37         | 22:25        | 07/10                      | 06:25         | 20:02        |
| 07/20                     | 05:38         | 19:02        | 07/20                   | 05:07         | 19:28        | 07/20             | 07:45         | 22:20        | 07/20                      | 06:30         | 19:59        |
| 08/01                     | 05:44         | 18:57        | 08/01                   | 05:16         | 19:18        | 08/01             | 07:55         | 22:09        | 08/01                      | 06:36         | 19:53        |
| 08/10                     | 05:47         | 18:51        | 08/10                   | 05:24         | 19:09        | 08/10             | 08:03         | 21:59        | 08/10                      | 06:40         | 19:47        |
| 08/20                     | 05:51         | 18:43        | 08/20                   | 05:32         | 18:57        | 08/20             | 08:13         | 21:46        | 08/20                      | 06:44         | 19:39        |
| 09/01                     | 05:56         | 18:32        | 09/01                   | 05:42         | 18:40        | 09/01             | 08:24         | 21:28        | 09/01                      | 06:49         | 19:27        |
| 09/10                     | 05:59         | 18:23        | 09/10                   | 05:49         | 18:27        | 09/10             | 08:32         | 21:13        | 09/10                      | 06:52         | 19:18        |
| 09/20                     | 06:02         | 18:13        | 09/20                   | 05:57         | 18:12        | 09/20             | 08:41         | 20:57        | 09/20                      | 06:56         | 19:07        |
| 10/01                     | 06:05         | 18:02        | 10/01                   | 06:06         | 17:55        | 10/01             | 08:52         | 20:39        | 10/01                      | 07:00         | 18:55        |
| 10/10                     | 06:09         | 17:53        | 10/10                   | 06:14         | 17:42        | 10/10             | 09:00         | 20:25        | 10/10                      | 07:04         | 18:46        |
| 10/20                     | 06:13         | 17:44        | 10/20                   | 06:23         | 17:29        | 10/20             | 09:11         | 20:10        | 10/20                      | 07:09         | 18:37        |
| 11/01                     | 06:19         | 17:36        | 11/01                   | 06:34         | 17:15        | 11/01             | 09:24         | 19:55        | 11/01                      | 07:16         | 18:28        |
| 11/10                     | 06:25         | 17:31        | 11/10                   | 06:44         | 17:06        | 11/10             | 09:34         | 19:45        | 11/10                      | 07:22         | 18:22        |
| 11/20                     | 06:31         | 17:28        | 11/20                   | 06:54         | 16:59        | 11/20             | 09:45         | 19:37        | 11/20                      | 07:29         | 18:19        |
| 12/01                     | 06:39         | 17:27        | 12/01                   | 07:05         | 16:55        | 12/01             | 09:57         | 19:33        | 12/01                      | 07:36         | 18:18        |
| 12/10                     | 06:45         | 17:28        | 12/10                   | 07:13         | 16:55        | 12/10             | 10:05         | 19:32        | 12/10                      | 07:43         | 18:19        |
| 12/20                     | 06:51         | 17:32        | 12/20                   | 07:19         | 16:58        | 12/20             | 10:12         | 19:35        | 12/20                      | 07:49         | 18:23        |

| 兰州/中川<br>LANZHOU/Zhongchuan |               |              | 拉萨/贡嘎<br>LHASA/Gonggar |               |              | 丽江/三义<br>LIJIANG/Sanyi |               |              | 满洲里/西郊<br>MANZHOU LI/Xijiao |               |              |
|-----------------------------|---------------|--------------|------------------------|---------------|--------------|------------------------|---------------|--------------|-----------------------------|---------------|--------------|
| 月/日<br>Date                 | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date            | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date            | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                 | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                       | 08:17         | 18:00        | 01/01                  | 08:51         | 19:09        | 01/01                  | 08:08         | 18:37        | 01/01                       | 08:07         | 16:21        |
| 01/10                       | 08:18         | 18:08        | 01/10                  | 08:52         | 19:16        | 01/10                  | 08:09         | 18:44        | 01/10                       | 08:05         | 16:31        |
| 01/20                       | 08:15         | 18:18        | 01/20                  | 08:51         | 19:24        | 01/20                  | 08:08         | 18:52        | 01/20                       | 07:58         | 16:46        |
| 02/01                       | 08:08         | 18:30        | 02/01                  | 08:46         | 19:34        | 02/01                  | 08:04         | 19:01        | 02/01                       | 07:44         | 17:05        |
| 02/10                       | 08:00         | 18:40        | 02/10                  | 08:40         | 19:42        | 02/10                  | 07:59         | 19:08        | 02/10                       | 07:30         | 17:21        |
| 02/20                       | 07:49         | 18:50        | 02/20                  | 08:31         | 19:49        | 02/20                  | 07:51         | 19:14        | 02/20                       | 07:12         | 17:38        |
| 03/01                       | 07:36         | 19:00        | 03/01                  | 08:22         | 19:56        | 03/01                  | 07:43         | 19:20        | 03/01                       | 06:55         | 17:52        |
| 03/10                       | 07:24         | 19:09        | 03/10                  | 08:12         | 20:01        | 03/10                  | 07:34         | 19:25        | 03/10                       | 06:36         | 18:07        |
| 03/20                       | 07:09         | 19:18        | 03/20                  | 08:01         | 20:07        | 03/20                  | 07:24         | 19:30        | 03/20                       | 06:15         | 18:23        |
| 04/01                       | 06:51         | 19:28        | 04/01                  | 07:47         | 20:14        | 04/01                  | 07:10         | 19:36        | 04/01                       | 05:49         | 18:41        |
| 04/10                       | 06:38         | 19:36        | 04/10                  | 07:36         | 20:20        | 04/10                  | 07:01         | 19:40        | 04/10                       | 05:30         | 18:55        |
| 04/20                       | 06:25         | 19:44        | 04/20                  | 07:25         | 20:26        | 04/20                  | 06:51         | 19:45        | 04/20                       | 05:10         | 19:11        |
| 05/01                       | 06:12         | 19:54        | 05/01                  | 07:15         | 20:32        | 05/01                  | 06:41         | 19:51        | 05/01                       | 04:49         | 19:27        |
| 05/10                       | 06:03         | 20:01        | 05/10                  | 07:08         | 20:38        | 05/10                  | 06:35         | 19:56        | 05/10                       | 04:34         | 19:41        |
| 05/20                       | 05:55         | 20:10        | 05/20                  | 07:02         | 20:44        | 05/20                  | 06:30         | 20:02        | 05/20                       | 04:21         | 19:55        |
| 06/01                       | 05:49         | 20:18        | 06/01                  | 06:57         | 20:51        | 06/01                  | 06:26         | 20:08        | 06/01                       | 04:09         | 20:09        |
| 06/10                       | 05:47         | 20:23        | 06/10                  | 06:56         | 20:55        | 06/10                  | 06:25         | 20:12        | 06/10                       | 04:04         | 20:16        |
| 06/20                       | 05:48         | 20:27        | 06/20                  | 06:57         | 20:59        | 06/20                  | 06:26         | 20:15        | 06/20                       | 04:03         | 20:21        |
| 07/01                       | 05:51         | 20:28        | 07/01                  | 07:00         | 21:00        | 07/01                  | 06:29         | 20:17        | 07/01                       | 04:07         | 20:21        |
| 07/10                       | 05:56         | 20:26        | 07/10                  | 07:04         | 20:59        | 07/10                  | 06:33         | 20:16        | 07/10                       | 04:15         | 20:17        |
| 07/20                       | 06:03         | 20:21        | 07/20                  | 07:09         | 20:56        | 07/20                  | 06:37         | 20:13        | 07/20                       | 04:25         | 20:08        |
| 08/01                       | 06:12         | 20:11        | 08/01                  | 07:16         | 20:49        | 08/01                  | 06:44         | 20:07        | 08/01                       | 04:41         | 19:52        |
| 08/10                       | 06:19         | 20:02        | 08/10                  | 07:22         | 20:42        | 08/10                  | 06:48         | 20:00        | 08/10                       | 04:53         | 19:38        |
| 08/20                       | 06:27         | 19:50        | 08/20                  | 07:27         | 20:32        | 08/20                  | 06:53         | 19:52        | 08/20                       | 05:08         | 19:19        |
| 09/01                       | 06:37         | 19:34        | 09/01                  | 07:34         | 20:19        | 09/01                  | 06:58         | 19:39        | 09/01                       | 05:26         | 18:55        |
| 09/10                       | 06:44         | 19:21        | 09/10                  | 07:38         | 20:08        | 09/10                  | 07:02         | 19:30        | 09/10                       | 05:39         | 18:36        |
| 09/20                       | 06:52         | 19:05        | 09/20                  | 07:43         | 19:56        | 09/20                  | 07:06         | 19:18        | 09/20                       | 05:53         | 18:14        |
| 10/01                       | 07:01         | 18:49        | 10/01                  | 07:49         | 19:43        | 10/01                  | 07:11         | 19:06        | 10/01                       | 06:10         | 17:50        |
| 10/10                       | 07:08         | 18:36        | 10/10                  | 07:54         | 19:32        | 10/10                  | 07:16         | 18:56        | 10/10                       | 06:23         | 17:31        |
| 10/20                       | 07:18         | 18:22        | 10/20                  | 08:01         | 19:21        | 10/20                  | 07:21         | 18:47        | 10/20                       | 06:39         | 17:11        |
| 11/01                       | 07:29         | 18:09        | 11/01                  | 08:09         | 19:11        | 11/01                  | 07:28         | 18:37        | 11/01                       | 06:58         | 16:49        |
| 11/10                       | 07:38         | 18:01        | 11/10                  | 08:16         | 19:04        | 11/10                  | 07:34         | 18:31        | 11/10                       | 07:13         | 16:35        |
| 11/20                       | 07:48         | 17:54        | 11/20                  | 08:24         | 19:00        | 11/20                  | 07:42         | 18:27        | 11/20                       | 07:29         | 16:23        |
| 12/01                       | 07:59         | 17:50        | 12/01                  | 08:33         | 18:58        | 12/01                  | 07:50         | 18:26        | 12/01                       | 07:45         | 16:14        |
| 12/10                       | 08:06         | 17:50        | 12/10                  | 08:39         | 18:58        | 12/10                  | 07:56         | 18:27        | 12/10                       | 07:56         | 16:11        |
| 12/20                       | 08:13         | 17:53        | 12/20                  | 08:46         | 19:02        | 12/20                  | 08:02         | 18:30        | 12/20                       | 08:04         | 16:12        |



| 牡丹江/海浪<br>MUDANJIANG/Hailang |               |              | 南昌/昌北<br>NANCHANG/Changbei |               |              | 南京/禄口<br>NANJING/Lukou |               |              | 南宁/吴圩<br>NANNING/Wuxu |               |              |
|------------------------------|---------------|--------------|----------------------------|---------------|--------------|------------------------|---------------|--------------|-----------------------|---------------|--------------|
| 月/日<br>Date                  | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date            | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date           | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                        | 06:58         | 15:52        | 01/01                      | 07:10         | 17:30        | 01/01                  | 07:04         | 17:12        | 01/01                 | 07:27         | 18:14        |
| 01/10                        | 06:57         | 16:01        | 01/10                      | 07:11         | 17:37        | 01/10                  | 07:05         | 17:19        | 01/10                 | 07:29         | 18:20        |
| 01/20                        | 06:52         | 16:14        | 01/20                      | 07:10         | 17:45        | 01/20                  | 07:04         | 17:27        | 01/20                 | 07:30         | 18:27        |
| 02/01                        | 06:41         | 16:30        | 02/01                      | 07:05         | 17:55        | 02/01                  | 06:58         | 17:38        | 02/01                 | 07:27         | 18:35        |
| 02/10                        | 06:30         | 16:43        | 02/10                      | 06:59         | 18:02        | 02/10                  | 06:51         | 17:46        | 02/10                 | 07:22         | 18:41        |
| 02/20                        | 06:15         | 16:57        | 02/20                      | 06:51         | 18:10        | 02/20                  | 06:42         | 17:55        | 02/20                 | 07:16         | 18:46        |
| 03/01                        | 06:00         | 17:09        | 03/01                      | 06:42         | 18:16        | 03/01                  | 06:32         | 18:02        | 03/01                 | 07:09         | 18:51        |
| 03/10                        | 05:44         | 17:21        | 03/10                      | 06:32         | 18:22        | 03/10                  | 06:22         | 18:09        | 03/10                 | 07:01         | 18:54        |
| 03/20                        | 05:26         | 17:33        | 03/20                      | 06:21         | 18:27        | 03/20                  | 06:09         | 18:16        | 03/20                 | 06:52         | 18:58        |
| 04/01                        | 05:04         | 17:48        | 04/01                      | 06:07         | 18:34        | 04/01                  | 05:54         | 18:24        | 04/01                 | 06:40         | 19:02        |
| 04/10                        | 04:48         | 18:00        | 04/10                      | 05:57         | 18:39        | 04/10                  | 05:43         | 18:30        | 04/10                 | 06:32         | 19:06        |
| 04/20                        | 04:30         | 18:12        | 04/20                      | 05:46         | 18:45        | 04/20                  | 05:31         | 18:37        | 04/20                 | 06:23         | 19:10        |
| 05/01                        | 04:13         | 18:25        | 05/01                      | 05:36         | 18:52        | 05/01                  | 05:20         | 18:44        | 05/01                 | 06:15         | 19:14        |
| 05/10                        | 04:01         | 18:36        | 05/10                      | 05:29         | 18:57        | 05/10                  | 05:12         | 18:51        | 05/10                 | 06:10         | 19:18        |
| 05/20                        | 03:50         | 18:48        | 05/20                      | 05:23         | 19:03        | 05/20                  | 05:05         | 18:57        | 05/20                 | 06:05         | 19:23        |
| 06/01                        | 03:40         | 18:59        | 06/01                      | 05:18         | 19:10        | 06/01                  | 05:00         | 19:05        | 06/01                 | 06:02         | 19:28        |
| 06/10                        | 03:37         | 19:06        | 06/10                      | 05:17         | 19:14        | 06/10                  | 04:59         | 19:09        | 06/10                 | 06:02         | 19:31        |
| 06/20                        | 03:37         | 19:10        | 06/20                      | 05:18         | 19:18        | 06/20                  | 04:59         | 19:13        | 06/20                 | 06:03         | 19:34        |
| 07/01                        | 03:40         | 19:10        | 07/01                      | 05:21         | 19:19        | 07/01                  | 05:03         | 19:14        | 07/01                 | 06:06         | 19:36        |
| 07/10                        | 03:46         | 19:07        | 07/10                      | 05:25         | 19:18        | 07/10                  | 05:07         | 19:13        | 07/10                 | 06:09         | 19:36        |
| 07/20                        | 03:55         | 19:00        | 07/20                      | 05:30         | 19:15        | 07/20                  | 05:12         | 19:09        | 07/20                 | 06:13         | 19:34        |
| 08/01                        | 04:08         | 18:48        | 08/01                      | 05:37         | 19:08        | 08/01                  | 05:20         | 19:01        | 08/01                 | 06:19         | 19:29        |
| 08/10                        | 04:18         | 18:36        | 08/10                      | 05:42         | 19:01        | 08/10                  | 05:26         | 18:54        | 08/10                 | 06:22         | 19:23        |
| 08/20                        | 04:30         | 18:20        | 08/20                      | 05:48         | 18:52        | 08/20                  | 05:32         | 18:43        | 08/20                 | 06:26         | 19:15        |
| 09/01                        | 04:44         | 17:59        | 09/01                      | 05:54         | 18:39        | 09/01                  | 05:40         | 18:29        | 09/01                 | 06:30         | 19:05        |
| 09/10                        | 04:54         | 17:43        | 09/10                      | 05:59         | 18:28        | 09/10                  | 05:45         | 18:18        | 09/10                 | 06:32         | 18:56        |
| 09/20                        | 05:06         | 17:24        | 09/20                      | 06:04         | 18:16        | 09/20                  | 05:51         | 18:05        | 09/20                 | 06:35         | 18:46        |
| 10/01                        | 05:19         | 17:04        | 10/01                      | 06:09         | 18:03        | 10/01                  | 05:58         | 17:50        | 10/01                 | 06:39         | 18:35        |
| 10/10                        | 05:30         | 16:47        | 10/10                      | 06:14         | 17:53        | 10/10                  | 06:04         | 17:39        | 10/10                 | 06:42         | 18:27        |
| 10/20                        | 05:43         | 16:30        | 10/20                      | 06:20         | 17:42        | 10/20                  | 06:11         | 17:27        | 10/20                 | 06:46         | 18:18        |
| 11/01                        | 05:58         | 16:12        | 11/01                      | 06:28         | 17:31        | 11/01                  | 06:20         | 17:16        | 11/01                 | 06:52         | 18:10        |
| 11/10                        | 06:11         | 16:00        | 11/10                      | 06:35         | 17:25        | 11/10                  | 06:28         | 17:09        | 11/10                 | 06:57         | 18:05        |
| 11/20                        | 06:24         | 15:50        | 11/20                      | 06:43         | 17:21        | 11/20                  | 06:37         | 17:03        | 11/20                 | 07:03         | 18:02        |
| 12/01                        | 06:37         | 15:43        | 12/01                      | 06:52         | 17:19        | 12/01                  | 06:46         | 17:01        | 12/01                 | 07:10         | 18:02        |
| 12/10                        | 06:47         | 15:42        | 12/10                      | 06:58         | 17:19        | 12/10                  | 06:53         | 17:01        | 12/10                 | 07:16         | 18:03        |
| 12/20                        | 06:54         | 15:44        | 12/20                      | 07:05         | 17:23        | 12/20                  | 07:00         | 17:04        | 12/20                 | 07:22         | 18:07        |

| 南通/兴东<br>NANTONG/Xingdong |               |              | 宁波/栎社<br>NINGBO/Lishe |               |              | 鄂尔多斯/伊金霍洛<br>ORDOS/Ejin Horo |               |              | 青岛/流亭<br>QINGDAO/Liuting |               |              |
|---------------------------|---------------|--------------|-----------------------|---------------|--------------|------------------------------|---------------|--------------|--------------------------|---------------|--------------|
| 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date           | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                  | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date              | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                     | 06:57         | 17:02        | 01/01                 | 06:50         | 17:06        | 01/01                        | 08:01         | 17:27        | 01/01                    | 07:10         | 16:54        |
| 01/10                     | 06:58         | 17:09        | 01/10                 | 06:51         | 17:12        | 01/10                        | 08:01         | 17:35        | 01/10                    | 07:10         | 17:02        |
| 01/20                     | 06:56         | 17:18        | 01/20                 | 06:50         | 17:21        | 01/20                        | 07:57         | 17:46        | 01/20                    | 07:07         | 17:12        |
| 02/01                     | 06:50         | 17:29        | 02/01                 | 06:44         | 17:31        | 02/01                        | 07:48         | 18:00        | 02/01                    | 07:00         | 17:24        |
| 02/10                     | 06:43         | 17:38        | 02/10                 | 06:38         | 17:39        | 02/10                        | 07:39         | 18:11        | 02/10                    | 06:52         | 17:34        |
| 02/20                     | 06:34         | 17:46        | 02/20                 | 06:30         | 17:46        | 02/20                        | 07:27         | 18:22        | 02/20                    | 06:41         | 17:44        |
| 03/01                     | 06:24         | 17:53        | 03/01                 | 06:21         | 17:53        | 03/01                        | 07:14         | 18:32        | 03/01                    | 06:30         | 17:53        |
| 03/10                     | 06:13         | 18:00        | 03/10                 | 06:11         | 17:59        | 03/10                        | 07:01         | 18:42        | 03/10                    | 06:17         | 18:01        |
| 03/20                     | 06:01         | 18:07        | 03/20                 | 05:59         | 18:05        | 03/20                        | 06:45         | 18:52        | 03/20                    | 06:03         | 18:10        |
| 04/01                     | 05:45         | 18:15        | 04/01                 | 05:44         | 18:12        | 04/01                        | 06:26         | 19:04        | 04/01                    | 05:46         | 18:20        |
| 04/10                     | 05:34         | 18:22        | 04/10                 | 05:34         | 18:18        | 04/10                        | 06:12         | 19:13        | 04/10                    | 05:33         | 18:28        |
| 04/20                     | 05:22         | 18:29        | 04/20                 | 05:23         | 18:24        | 04/20                        | 05:57         | 19:23        | 04/20                    | 05:19         | 18:36        |
| 05/01                     | 05:11         | 18:36        | 05/01                 | 05:12         | 18:31        | 05/01                        | 05:42         | 19:34        | 05/01                    | 05:06         | 18:46        |
| 05/10                     | 05:03         | 18:43        | 05/10                 | 05:05         | 18:37        | 05/10                        | 05:32         | 19:43        | 05/10                    | 04:57         | 18:53        |
| 05/20                     | 04:56         | 18:50        | 05/20                 | 04:59         | 18:43        | 05/20                        | 05:23         | 19:52        | 05/20                    | 04:49         | 19:02        |
| 06/01                     | 04:51         | 18:57        | 06/01                 | 04:54         | 18:50        | 06/01                        | 05:16         | 20:01        | 06/01                    | 04:43         | 19:10        |
| 06/10                     | 04:49         | 19:02        | 06/10                 | 04:53         | 18:54        | 06/10                        | 05:13         | 20:07        | 06/10                    | 04:41         | 19:15        |
| 06/20                     | 04:50         | 19:05        | 06/20                 | 04:54         | 18:58        | 06/20                        | 05:13         | 20:11        | 06/20                    | 04:41         | 19:19        |
| 07/01                     | 04:53         | 19:06        | 07/01                 | 04:57         | 18:59        | 07/01                        | 05:17         | 20:12        | 07/01                    | 04:44         | 19:20        |
| 07/10                     | 04:57         | 19:05        | 07/10                 | 05:01         | 18:58        | 07/10                        | 05:22         | 20:10        | 07/10                    | 04:49         | 19:18        |
| 07/20                     | 05:03         | 19:01        | 07/20                 | 05:06         | 18:55        | 07/20                        | 05:29         | 20:04        | 07/20                    | 04:56         | 19:14        |
| 08/01                     | 05:11         | 18:54        | 08/01                 | 05:13         | 18:47        | 08/01                        | 05:40         | 19:54        | 08/01                    | 05:05         | 19:04        |
| 08/10                     | 05:17         | 18:46        | 08/10                 | 05:19         | 18:40        | 08/10                        | 05:48         | 19:43        | 08/10                    | 05:12         | 18:55        |
| 08/20                     | 05:23         | 18:35        | 08/20                 | 05:24         | 18:31        | 08/20                        | 05:57         | 19:30        | 08/20                    | 05:20         | 18:43        |
| 09/01                     | 05:31         | 18:21        | 09/01                 | 05:31         | 18:17        | 09/01                        | 06:08         | 19:12        | 09/01                    | 05:30         | 18:27        |
| 09/10                     | 05:37         | 18:09        | 09/10                 | 05:36         | 18:06        | 09/10                        | 06:17         | 18:58        | 09/10                    | 05:37         | 18:14        |
| 09/20                     | 05:43         | 17:56        | 09/20                 | 05:41         | 17:54        | 09/20                        | 06:26         | 18:42        | 09/20                    | 05:44         | 17:59        |
| 10/01                     | 05:50         | 17:42        | 10/01                 | 05:47         | 17:40        | 10/01                        | 06:36         | 18:24        | 10/01                    | 05:53         | 17:43        |
| 10/10                     | 05:56         | 17:30        | 10/10                 | 05:52         | 17:30        | 10/10                        | 06:45         | 18:10        | 10/10                    | 06:01         | 17:30        |
| 10/20                     | 06:03         | 17:19        | 10/20                 | 05:59         | 17:19        | 10/20                        | 06:55         | 17:55        | 10/20                    | 06:10         | 17:17        |
| 11/01                     | 06:12         | 17:07        | 11/01                 | 06:07         | 17:08        | 11/01                        | 07:08         | 17:40        | 11/01                    | 06:21         | 17:03        |
| 11/10                     | 06:20         | 17:00        | 11/10                 | 06:14         | 17:01        | 11/10                        | 07:18         | 17:30        | 11/10                    | 06:30         | 16:54        |
| 11/20                     | 06:29         | 16:54        | 11/20                 | 06:23         | 16:57        | 11/20                        | 07:30         | 17:22        | 11/20                    | 06:40         | 16:48        |
| 12/01                     | 06:38         | 16:51        | 12/01                 | 06:32         | 16:54        | 12/01                        | 07:41         | 17:17        | 12/01                    | 06:51         | 16:44        |
| 12/10                     | 06:45         | 16:52        | 12/10                 | 06:38         | 16:55        | 12/10                        | 07:49         | 17:17        | 12/10                    | 06:58         | 16:44        |
| 12/20                     | 06:52         | 16:55        | 12/20                 | 06:45         | 16:58        | 12/20                        | 07:56         | 17:19        | 12/20                    | 07:05         | 16:47        |

| 齐齐哈尔/三家子<br>QIQIHAR/Sanjiazi |               |              | 泉州/晋江<br>QUANZHOU/Jinjiang |               |              | 三亚/凤凰<br>SANYA/Phoenix |               |              | 上海/虹桥<br>SHANGHAI/Hongqiao |               |              |
|------------------------------|---------------|--------------|----------------------------|---------------|--------------|------------------------|---------------|--------------|----------------------------|---------------|--------------|
| 月/日<br>Date                  | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date            | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                        | 07:31         | 16:04        | 01/01                      | 06:50         | 17:28        | 01/01                  | 07:14         | 18:17        | 01/01                      | 06:53         | 17:03        |
| 01/10                        | 07:29         | 16:14        | 01/10                      | 06:52         | 17:34        | 01/10                  | 07:17         | 18:23        | 01/10                      | 06:54         | 17:10        |
| 01/20                        | 07:23         | 16:28        | 01/20                      | 06:52         | 17:42        | 01/20                  | 07:17         | 18:29        | 01/20                      | 06:53         | 17:19        |
| 02/01                        | 07:11         | 16:46        | 02/01                      | 06:48         | 17:50        | 02/01                  | 07:16         | 18:36        | 02/01                      | 06:47         | 17:29        |
| 02/10                        | 06:58         | 17:00        | 02/10                      | 06:43         | 17:57        | 02/10                  | 07:12         | 18:41        | 02/10                      | 06:41         | 17:37        |
| 02/20                        | 06:42         | 17:15        | 02/20                      | 06:36         | 18:03        | 02/20                  | 07:07         | 18:45        | 02/20                      | 06:32         | 17:46        |
| 03/01                        | 06:26         | 17:29        | 03/01                      | 06:29         | 18:08        | 03/01                  | 07:02         | 18:48        | 03/01                      | 06:22         | 17:53        |
| 03/10                        | 06:08         | 17:42        | 03/10                      | 06:20         | 18:12        | 03/10                  | 06:55         | 18:51        | 03/10                      | 06:12         | 17:59        |
| 03/20                        | 05:49         | 17:56        | 03/20                      | 06:10         | 18:17        | 03/20                  | 06:47         | 18:53        | 03/20                      | 05:59         | 18:06        |
| 04/01                        | 05:24         | 18:13        | 04/01                      | 05:58         | 18:22        | 04/01                  | 06:37         | 18:56        | 04/01                      | 05:44         | 18:14        |
| 04/10                        | 05:07         | 18:26        | 04/10                      | 05:49         | 18:26        | 04/10                  | 06:30         | 18:58        | 04/10                      | 05:33         | 18:19        |
| 04/20                        | 04:48         | 18:40        | 04/20                      | 05:40         | 18:30        | 04/20                  | 06:23         | 19:00        | 04/20                      | 05:22         | 18:26        |
| 05/01                        | 04:29         | 18:55        | 05/01                      | 05:31         | 18:35        | 05/01                  | 06:16         | 19:04        | 05/01                      | 05:11         | 18:34        |
| 05/10                        | 04:16         | 19:07        | 05/10                      | 05:25         | 18:40        | 05/10                  | 06:11         | 19:07        | 05/10                      | 05:03         | 18:40        |
| 05/20                        | 04:03         | 19:19        | 05/20                      | 05:20         | 18:45        | 05/20                  | 06:08         | 19:10        | 05/20                      | 04:56         | 18:46        |
| 06/01                        | 03:53         | 19:32        | 06/01                      | 05:16         | 18:51        | 06/01                  | 06:06         | 19:15        | 06/01                      | 04:51         | 18:54        |
| 06/10                        | 03:48         | 19:39        | 06/10                      | 05:16         | 18:54        | 06/10                  | 06:06         | 19:18        | 06/10                      | 04:50         | 18:58        |
| 06/20                        | 03:48         | 19:44        | 06/20                      | 05:17         | 18:57        | 06/20                  | 06:07         | 19:21        | 06/20                      | 04:51         | 19:01        |
| 07/01                        | 03:52         | 19:44        | 07/01                      | 05:20         | 18:59        | 07/01                  | 06:10         | 19:22        | 07/01                      | 04:54         | 19:03        |
| 07/10                        | 03:58         | 19:40        | 07/10                      | 05:23         | 18:59        | 07/10                  | 06:13         | 19:23        | 07/10                      | 04:58         | 19:02        |
| 07/20                        | 04:08         | 19:33        | 07/20                      | 05:28         | 18:56        | 07/20                  | 06:16         | 19:21        | 07/20                      | 05:04         | 18:58        |
| 08/01                        | 04:22         | 19:18        | 08/01                      | 05:33         | 18:50        | 08/01                  | 06:20         | 19:17        | 08/01                      | 05:11         | 18:51        |
| 08/10                        | 04:34         | 19:05        | 08/10                      | 05:37         | 18:44        | 08/10                  | 06:23         | 19:12        | 08/10                      | 05:17         | 18:43        |
| 08/20                        | 04:47         | 18:48        | 08/20                      | 05:42         | 18:36        | 08/20                  | 06:25         | 19:06        | 08/20                      | 05:23         | 18:33        |
| 09/01                        | 05:03         | 18:25        | 09/01                      | 05:46         | 18:25        | 09/01                  | 06:28         | 18:57        | 09/01                      | 05:30         | 18:19        |
| 09/10                        | 05:14         | 18:08        | 09/10                      | 05:50         | 18:15        | 09/10                  | 06:29         | 18:49        | 09/10                      | 05:36         | 18:08        |
| 09/20                        | 05:28         | 17:47        | 09/20                      | 05:53         | 18:05        | 09/20                  | 06:31         | 18:41        | 09/20                      | 05:41         | 17:55        |
| 10/01                        | 05:42         | 17:25        | 10/01                      | 05:57         | 17:53        | 10/01                  | 06:33         | 18:31        | 10/01                      | 05:48         | 17:40        |
| 10/10                        | 05:55         | 17:07        | 10/10                      | 06:01         | 17:44        | 10/10                  | 06:35         | 18:24        | 10/10                      | 05:54         | 17:29        |
| 10/20                        | 06:09         | 16:49        | 10/20                      | 06:06         | 17:35        | 10/20                  | 06:37         | 18:17        | 10/20                      | 06:01         | 17:18        |
| 11/01                        | 06:27         | 16:29        | 11/01                      | 06:12         | 17:26        | 11/01                  | 06:42         | 18:10        | 11/01                      | 06:10         | 17:06        |
| 11/10                        | 06:40         | 16:16        | 11/10                      | 06:18         | 17:21        | 11/10                  | 06:46         | 18:06        | 11/10                      | 06:17         | 17:00        |
| 11/20                        | 06:55         | 16:04        | 11/20                      | 06:25         | 17:17        | 11/20                  | 06:51         | 18:04        | 11/20                      | 06:26         | 16:54        |
| 12/01                        | 07:09         | 15:57        | 12/01                      | 06:33         | 17:16        | 12/01                  | 06:58         | 18:05        | 12/01                      | 06:35         | 16:52        |
| 12/10                        | 07:19         | 15:54        | 12/10                      | 06:39         | 17:17        | 12/10                  | 07:03         | 18:07        | 12/10                      | 06:42         | 16:52        |
| 12/20                        | 07:27         | 15:56        | 12/20                      | 06:45         | 17:21        | 12/20                  | 07:09         | 18:11        | 12/20                      | 06:48         | 16:56        |

| 上海/浦东<br>SHANGHAI/Pudong |               |              | 沈阳/桃仙<br>SHENYANG/Taoxian |               |              | 深圳/宝安<br>SHENZHEN/Baoan |               |              | 石家庄/正定<br>SHIJIAZHUANG/Zhengding |               |              |
|--------------------------|---------------|--------------|---------------------------|---------------|--------------|-------------------------|---------------|--------------|----------------------------------|---------------|--------------|
| 月/日<br>Date              | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                      | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                    | 06:51         | 17:01        | 01/01                     | 07:14         | 16:26        | 01/01                   | 07:05         | 17:51        | 01/01                            | 07:38         | 17:11        |
| 01/10                    | 06:52         | 17:08        | 01/10                     | 07:12         | 16:35        | 01/10                   | 07:07         | 17:57        | 01/10                            | 07:38         | 17:19        |
| 01/20                    | 06:51         | 17:17        | 01/20                     | 07:08         | 16:46        | 01/20                   | 07:07         | 18:05        | 01/20                            | 07:35         | 17:30        |
| 02/01                    | 06:45         | 17:28        | 02/01                     | 06:59         | 17:01        | 02/01                   | 07:04         | 18:13        | 02/01                            | 07:27         | 17:43        |
| 02/10                    | 06:39         | 17:36        | 02/10                     | 06:49         | 17:13        | 02/10                   | 07:00         | 18:18        | 02/10                            | 07:18         | 17:53        |
| 02/20                    | 06:30         | 17:44        | 02/20                     | 06:35         | 17:25        | 02/20                   | 06:54         | 18:24        | 02/20                            | 07:06         | 18:04        |
| 03/01                    | 06:20         | 17:51        | 03/01                     | 06:22         | 17:36        | 03/01                   | 06:47         | 18:28        | 03/01                            | 06:54         | 18:14        |
| 03/10                    | 06:10         | 17:57        | 03/10                     | 06:07         | 17:46        | 03/10                   | 06:39         | 18:32        | 03/10                            | 06:41         | 18:23        |
| 03/20                    | 05:57         | 18:04        | 03/20                     | 05:50         | 17:58        | 03/20                   | 06:29         | 18:36        | 03/20                            | 06:26         | 18:33        |
| 04/01                    | 05:42         | 18:12        | 04/01                     | 05:30         | 18:11        | 04/01                   | 06:18         | 18:40        | 04/01                            | 06:07         | 18:44        |
| 04/10                    | 05:31         | 18:18        | 04/10                     | 05:15         | 18:21        | 04/10                   | 06:09         | 18:43        | 04/10                            | 05:54         | 18:52        |
| 04/20                    | 05:20         | 18:24        | 04/20                     | 04:59         | 18:32        | 04/20                   | 06:01         | 18:47        | 04/20                            | 05:39         | 19:02        |
| 05/01                    | 05:09         | 18:32        | 05/01                     | 04:44         | 18:44        | 05/01                   | 05:53         | 18:52        | 05/01                            | 05:25         | 19:12        |
| 05/10                    | 05:01         | 18:38        | 05/10                     | 04:32         | 18:53        | 05/10                   | 05:47         | 18:56        | 05/10                            | 05:15         | 19:20        |
| 05/20                    | 04:55         | 18:44        | 05/20                     | 04:22         | 19:03        | 05/20                   | 05:43         | 19:00        | 05/20                            | 05:07         | 19:29        |
| 06/01                    | 04:50         | 18:52        | 06/01                     | 04:14         | 19:14        | 06/01                   | 05:40         | 19:05        | 06/01                            | 05:00         | 19:39        |
| 06/10                    | 04:48         | 18:56        | 06/10                     | 04:12         | 19:20        | 06/10                   | 05:39         | 19:09        | 06/10                            | 04:57         | 19:44        |
| 06/20                    | 04:49         | 19:00        | 06/20                     | 04:12         | 19:24        | 06/20                   | 05:41         | 19:12        | 06/20                            | 04:58         | 19:48        |
| 07/01                    | 04:52         | 19:01        | 07/01                     | 04:15         | 19:24        | 07/01                   | 05:43         | 19:14        | 07/01                            | 05:01         | 19:49        |
| 07/10                    | 04:56         | 19:00        | 07/10                     | 04:21         | 19:22        | 07/10                   | 05:47         | 19:13        | 07/10                            | 05:06         | 19:47        |
| 07/20                    | 05:02         | 18:56        | 07/20                     | 04:29         | 19:16        | 07/20                   | 05:51         | 19:11        | 07/20                            | 05:13         | 19:41        |
| 08/01                    | 05:09         | 18:49        | 08/01                     | 04:40         | 19:04        | 08/01                   | 05:56         | 19:06        | 08/01                            | 05:23         | 19:32        |
| 08/10                    | 05:15         | 18:41        | 08/10                     | 04:49         | 18:53        | 08/10                   | 06:00         | 19:01        | 08/10                            | 05:31         | 19:22        |
| 08/20                    | 05:21         | 18:31        | 08/20                     | 04:59         | 18:39        | 08/20                   | 06:03         | 18:53        | 08/20                            | 05:40         | 19:09        |
| 09/01                    | 05:29         | 18:17        | 09/01                     | 05:11         | 18:20        | 09/01                   | 06:07         | 18:42        | 09/01                            | 05:50         | 18:52        |
| 09/10                    | 05:34         | 18:06        | 09/10                     | 05:21         | 18:05        | 09/10                   | 06:10         | 18:34        | 09/10                            | 05:58         | 18:38        |
| 09/20                    | 05:40         | 17:53        | 09/20                     | 05:31         | 17:48        | 09/20                   | 06:13         | 18:24        | 09/20                            | 06:07         | 18:22        |
| 10/01                    | 05:46         | 17:39        | 10/01                     | 05:42         | 17:29        | 10/01                   | 06:16         | 18:13        | 10/01                            | 06:16         | 18:05        |
| 10/10                    | 05:52         | 17:28        | 10/10                     | 05:52         | 17:14        | 10/10                   | 06:19         | 18:04        | 10/10                            | 06:25         | 17:51        |
| 10/20                    | 05:59         | 17:16        | 10/20                     | 06:03         | 16:58        | 10/20                   | 06:23         | 17:56        | 10/20                            | 06:34         | 17:37        |
| 11/01                    | 06:08         | 17:05        | 11/01                     | 06:17         | 16:41        | 11/01                   | 06:29         | 17:47        | 11/01                            | 06:47         | 17:22        |
| 11/10                    | 06:15         | 16:58        | 11/10                     | 06:28         | 16:31        | 11/10                   | 06:34         | 17:43        | 11/10                            | 06:56         | 17:13        |
| 11/20                    | 06:24         | 16:53        | 11/20                     | 06:40         | 16:22        | 11/20                   | 06:41         | 17:40        | 11/20                            | 07:07         | 17:06        |
| 12/01                    | 06:33         | 16:50        | 12/01                     | 06:53         | 16:17        | 12/01                   | 06:48         | 17:39        | 12/01                            | 07:19         | 17:01        |
| 12/10                    | 06:40         | 16:51        | 12/10                     | 07:01         | 16:16        | 12/10                   | 06:54         | 17:41        | 12/10                            | 07:27         | 17:01        |
| 12/20                    | 06:46         | 16:54        | 12/20                     | 07:09         | 16:18        | 12/20                   | 07:00         | 17:45        | 12/20                            | 07:34         | 17:04        |

| 太原/武宿<br>TAIYUAN/Wusu |               |              | 天津/滨海<br>TIANJIN/Binhai |               |              | 乌鲁木齐/地窝堡<br>URUMQI/Diwopu |               |              | 威海/大水泊<br>WEIHAI/Dashuipo |               |              |
|-----------------------|---------------|--------------|-------------------------|---------------|--------------|---------------------------|---------------|--------------|---------------------------|---------------|--------------|
| 月/日<br>Date           | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                 | 07:45         | 17:21        | 01/01                   | 07:30         | 16:58        | 01/01                     | 09:45         | 18:43        | 01/01                     | 07:05         | 16:44        |
| 01/10                 | 07:45         | 17:29        | 01/10                   | 07:30         | 17:06        | 01/10                     | 09:44         | 18:52        | 01/10                     | 07:05         | 16:52        |
| 01/20                 | 07:42         | 17:39        | 01/20                   | 07:26         | 17:17        | 01/20                     | 09:39         | 19:04        | 01/20                     | 07:02         | 17:02        |
| 02/01                 | 07:34         | 17:53        | 02/01                   | 07:18         | 17:31        | 02/01                     | 09:28         | 19:20        | 02/01                     | 06:54         | 17:15        |
| 02/10                 | 07:25         | 18:03        | 02/10                   | 07:09         | 17:41        | 02/10                     | 09:17         | 19:32        | 02/10                     | 06:46         | 17:25        |
| 02/20                 | 07:14         | 18:13        | 02/20                   | 06:57         | 17:53        | 02/20                     | 09:02         | 19:46        | 02/20                     | 06:35         | 17:36        |
| 03/01                 | 07:02         | 18:23        | 03/01                   | 06:44         | 18:03        | 03/01                     | 08:48         | 19:58        | 03/01                     | 06:23         | 17:45        |
| 03/10                 | 06:49         | 18:31        | 03/10                   | 06:31         | 18:12        | 03/10                     | 08:32         | 20:09        | 03/10                     | 06:10         | 17:53        |
| 03/20                 | 06:34         | 18:41        | 03/20                   | 06:15         | 18:22        | 03/20                     | 08:14         | 20:22        | 03/20                     | 05:56         | 18:02        |
| 04/01                 | 06:16         | 18:52        | 04/01                   | 05:56         | 18:34        | 04/01                     | 07:52         | 20:36        | 04/01                     | 05:38         | 18:13        |
| 04/10                 | 06:02         | 19:00        | 04/10                   | 05:42         | 18:43        | 04/10                     | 07:36         | 20:47        | 04/10                     | 05:25         | 18:21        |
| 04/20                 | 05:48         | 19:09        | 04/20                   | 05:28         | 18:52        | 04/20                     | 07:20         | 20:59        | 04/20                     | 05:11         | 18:30        |
| 05/01                 | 05:34         | 19:19        | 05/01                   | 05:13         | 19:03        | 05/01                     | 07:03         | 21:13        | 05/01                     | 04:57         | 18:40        |
| 05/10                 | 05:25         | 19:28        | 05/10                   | 05:03         | 19:12        | 05/10                     | 06:51         | 21:23        | 05/10                     | 04:48         | 18:48        |
| 05/20                 | 05:16         | 19:36        | 05/20                   | 04:54         | 19:21        | 05/20                     | 06:40         | 21:34        | 05/20                     | 04:39         | 18:56        |
| 06/01                 | 05:10         | 19:45        | 06/01                   | 04:47         | 19:30        | 06/01                     | 06:31         | 21:45        | 06/01                     | 04:33         | 19:05        |
| 06/10                 | 05:07         | 19:51        | 06/10                   | 04:44         | 19:36        | 06/10                     | 06:28         | 21:52        | 06/10                     | 04:31         | 19:11        |
| 06/20                 | 05:08         | 19:54        | 06/20                   | 04:44         | 19:40        | 06/20                     | 06:27         | 21:56        | 06/20                     | 04:31         | 19:14        |
| 07/01                 | 05:11         | 19:55        | 07/01                   | 04:48         | 19:41        | 07/01                     | 06:31         | 21:56        | 07/01                     | 04:34         | 19:15        |
| 07/10                 | 05:16         | 19:53        | 07/10                   | 04:53         | 19:39        | 07/10                     | 06:37         | 21:53        | 07/10                     | 04:39         | 19:13        |
| 07/20                 | 05:23         | 19:48        | 07/20                   | 05:00         | 19:33        | 07/20                     | 06:46         | 21:47        | 07/20                     | 04:46         | 19:09        |
| 08/01                 | 05:33         | 19:39        | 08/01                   | 05:11         | 19:23        | 08/01                     | 06:58         | 21:34        | 08/01                     | 04:55         | 18:59        |
| 08/10                 | 05:40         | 19:29        | 08/10                   | 05:19         | 19:13        | 08/10                     | 07:08         | 21:22        | 08/10                     | 05:03         | 18:50        |
| 08/20                 | 05:49         | 19:16        | 08/20                   | 05:28         | 19:00        | 08/20                     | 07:19         | 21:07        | 08/20                     | 05:11         | 18:37        |
| 09/01                 | 05:59         | 19:00        | 09/01                   | 05:39         | 18:42        | 09/01                     | 07:33         | 20:47        | 09/01                     | 05:21         | 18:21        |
| 09/10                 | 06:07         | 18:46        | 09/10                   | 05:47         | 18:28        | 09/10                     | 07:43         | 20:31        | 09/10                     | 05:29         | 18:07        |
| 09/20                 | 06:15         | 18:30        | 09/20                   | 05:56         | 18:12        | 09/20                     | 07:54         | 20:12        | 09/20                     | 05:37         | 17:52        |
| 10/01                 | 06:25         | 18:13        | 10/01                   | 06:06         | 17:54        | 10/01                     | 08:07         | 19:52        | 10/01                     | 05:46         | 17:35        |
| 10/10                 | 06:33         | 18:00        | 10/10                   | 06:15         | 17:40        | 10/10                     | 08:18         | 19:36        | 10/10                     | 05:54         | 17:22        |
| 10/20                 | 06:42         | 17:46        | 10/20                   | 06:25         | 17:26        | 10/20                     | 08:30         | 19:19        | 10/20                     | 06:03         | 17:08        |
| 11/01                 | 06:54         | 17:31        | 11/01                   | 06:38         | 17:10        | 11/01                     | 08:46         | 19:01        | 11/01                     | 06:15         | 16:54        |
| 11/10                 | 07:04         | 17:23        | 11/10                   | 06:48         | 17:01        | 11/10                     | 08:58         | 18:50        | 11/10                     | 06:24         | 16:45        |
| 11/20                 | 07:14         | 17:15        | 11/20                   | 06:59         | 16:53        | 11/20                     | 09:11         | 18:40        | 11/20                     | 06:35         | 16:38        |
| 12/01                 | 07:25         | 17:11        | 12/01                   | 07:10         | 16:48        | 12/01                     | 09:24         | 18:34        | 12/01                     | 06:46         | 16:34        |
| 12/10                 | 07:33         | 17:11        | 12/10                   | 07:18         | 16:48        | 12/10                     | 09:33         | 18:32        | 12/10                     | 06:53         | 16:34        |
| 12/20                 | 07:40         | 17:13        | 12/20                   | 07:25         | 16:51        | 12/20                     | 09:40         | 18:35        | 12/20                     | 07:00         | 16:37        |

| 温州/龙湾<br>WENZHOU/Longwan |               |              | 武汉/天河<br>WUHAN/Tianhe |               |              | 无锡/硕放<br>WUXI/Shuofang |               |              | 厦门/高崎<br>XIAMEN/Gaoqi |               |              |
|--------------------------|---------------|--------------|-----------------------|---------------|--------------|------------------------|---------------|--------------|-----------------------|---------------|--------------|
| 月/日<br>Date              | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date           | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date            | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date           | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                    | 06:48         | 17:13        | 01/01                 | 07:21         | 17:32        | 01/01                  | 06:58         | 17:06        | 01/01                 | 06:51         | 17:30        |
| 01/10                    | 06:49         | 17:19        | 01/10                 | 07:22         | 17:39        | 01/10                  | 06:59         | 17:13        | 01/10                 | 06:53         | 17:37        |
| 01/20                    | 06:48         | 17:27        | 01/20                 | 07:20         | 17:48        | 01/20                  | 06:57         | 17:22        | 01/20                 | 06:53         | 17:44        |
| 02/01                    | 06:44         | 17:37        | 02/01                 | 07:15         | 17:59        | 02/01                  | 06:51         | 17:33        | 02/01                 | 06:50         | 17:53        |
| 02/10                    | 06:38         | 17:44        | 02/10                 | 07:09         | 18:06        | 02/10                  | 06:45         | 17:41        | 02/10                 | 06:45         | 17:59        |
| 02/20                    | 06:30         | 17:51        | 02/20                 | 07:00         | 18:15        | 02/20                  | 06:36         | 17:49        | 02/20                 | 06:38         | 18:05        |
| 03/01                    | 06:21         | 17:57        | 03/01                 | 06:50         | 18:21        | 03/01                  | 06:26         | 17:56        | 03/01                 | 06:30         | 18:10        |
| 03/10                    | 06:12         | 18:02        | 03/10                 | 06:40         | 18:28        | 03/10                  | 06:15         | 18:03        | 03/10                 | 06:22         | 18:14        |
| 03/20                    | 06:01         | 18:08        | 03/20                 | 06:28         | 18:34        | 03/20                  | 06:03         | 18:09        | 03/20                 | 06:12         | 18:18        |
| 04/01                    | 05:47         | 18:14        | 04/01                 | 06:13         | 18:42        | 04/01                  | 05:48         | 18:17        | 04/01                 | 06:00         | 18:23        |
| 04/10                    | 05:37         | 18:19        | 04/10                 | 06:02         | 18:48        | 04/10                  | 05:37         | 18:23        | 04/10                 | 05:51         | 18:27        |
| 04/20                    | 05:27         | 18:24        | 04/20                 | 05:51         | 18:54        | 04/20                  | 05:25         | 18:30        | 04/20                 | 05:42         | 18:32        |
| 05/01                    | 05:17         | 18:31        | 05/01                 | 05:40         | 19:01        | 05/01                  | 05:14         | 18:38        | 05/01                 | 05:33         | 18:37        |
| 05/10                    | 05:10         | 18:36        | 05/10                 | 05:32         | 19:07        | 05/10                  | 05:06         | 18:44        | 05/10                 | 05:27         | 18:41        |
| 05/20                    | 05:05         | 18:42        | 05/20                 | 05:26         | 19:14        | 05/20                  | 04:59         | 18:51        | 05/20                 | 05:22         | 18:46        |
| 06/01                    | 05:01         | 18:48        | 06/01                 | 05:21         | 19:21        | 06/01                  | 04:54         | 18:58        | 06/01                 | 05:19         | 18:52        |
| 06/10                    | 05:00         | 18:52        | 06/10                 | 05:20         | 19:26        | 06/10                  | 04:53         | 19:02        | 06/10                 | 05:18         | 18:56        |
| 06/20                    | 05:01         | 18:55        | 06/20                 | 05:20         | 19:29        | 06/20                  | 04:54         | 19:06        | 06/20                 | 05:19         | 18:59        |
| 07/01                    | 05:04         | 18:57        | 07/01                 | 05:24         | 19:30        | 07/01                  | 04:57         | 19:07        | 07/01                 | 05:22         | 19:00        |
| 07/10                    | 05:08         | 18:56        | 07/10                 | 05:28         | 19:29        | 07/10                  | 05:01         | 19:06        | 07/10                 | 05:26         | 19:00        |
| 07/20                    | 05:13         | 18:53        | 07/20                 | 05:33         | 19:26        | 07/20                  | 05:07         | 19:02        | 07/20                 | 05:30         | 18:57        |
| 08/01                    | 05:19         | 18:46        | 08/01                 | 05:40         | 19:18        | 08/01                  | 05:14         | 18:55        | 08/01                 | 05:36         | 18:52        |
| 08/10                    | 05:24         | 18:40        | 08/10                 | 05:46         | 19:11        | 08/10                  | 05:20         | 18:47        | 08/10                 | 05:40         | 18:46        |
| 08/20                    | 05:29         | 18:30        | 08/20                 | 05:52         | 19:01        | 08/20                  | 05:26         | 18:37        | 08/20                 | 05:44         | 18:38        |
| 09/01                    | 05:35         | 18:18        | 09/01                 | 05:59         | 18:47        | 09/01                  | 05:34         | 18:23        | 09/01                 | 05:48         | 18:26        |
| 09/10                    | 05:39         | 18:08        | 09/10                 | 06:04         | 18:36        | 09/10                  | 05:39         | 18:11        | 09/10                 | 05:52         | 18:17        |
| 09/20                    | 05:44         | 17:56        | 09/20                 | 06:10         | 18:23        | 09/20                  | 05:45         | 17:58        | 09/20                 | 05:55         | 18:07        |
| 10/01                    | 05:49         | 17:43        | 10/01                 | 06:16         | 18:09        | 10/01                  | 05:52         | 17:44        | 10/01                 | 05:59         | 17:55        |
| 10/10                    | 05:54         | 17:33        | 10/10                 | 06:22         | 17:58        | 10/10                  | 05:58         | 17:33        | 10/10                 | 06:03         | 17:46        |
| 10/20                    | 06:00         | 17:23        | 10/20                 | 06:29         | 17:47        | 10/20                  | 06:05         | 17:21        | 10/20                 | 06:08         | 17:37        |
| 11/01                    | 06:07         | 17:13        | 11/01                 | 06:38         | 17:35        | 11/01                  | 06:14         | 17:10        | 11/01                 | 06:14         | 17:28        |
| 11/10                    | 06:14         | 17:07        | 11/10                 | 06:45         | 17:29        | 11/10                  | 06:21         | 17:03        | 11/10                 | 06:20         | 17:23        |
| 11/20                    | 06:22         | 17:02        | 11/20                 | 06:53         | 17:24        | 11/20                  | 06:30         | 16:57        | 11/20                 | 06:26         | 17:19        |
| 12/01                    | 06:30         | 17:01        | 12/01                 | 07:03         | 17:21        | 12/01                  | 06:39         | 16:55        | 12/01                 | 06:34         | 17:18        |
| 12/10                    | 06:37         | 17:02        | 12/10                 | 07:10         | 17:22        | 12/10                  | 06:46         | 16:55        | 12/10                 | 06:40         | 17:20        |
| 12/20                    | 06:43         | 17:05        | 12/20                 | 07:16         | 17:25        | 12/20                  | 06:53         | 16:59        | 12/20                 | 06:46         | 17:23        |

| 西安/咸阳<br>XI'AN/Xianyang |               |              | 西昌/青山<br>XICHANG/Qingshan |               |              | 西宁/曹家堡<br>XINING/Caojiapu |               |              | 西双版纳/嘎洒<br>XISHUANGBANNA/Gasa |               |              |
|-------------------------|---------------|--------------|---------------------------|---------------|--------------|---------------------------|---------------|--------------|-------------------------------|---------------|--------------|
| 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                   | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                   | 07:52         | 17:45        | 01/01                     | 08:03         | 18:27        | 01/01                     | 08:24         | 18:07        | 01/01                         | 07:56         | 18:45        |
| 01/10                   | 07:52         | 17:53        | 01/10                     | 08:04         | 18:33        | 01/10                     | 08:24         | 18:15        | 01/10                         | 07:58         | 18:51        |
| 01/20                   | 07:50         | 18:02        | 01/20                     | 08:03         | 18:42        | 01/20                     | 08:21         | 18:24        | 01/20                         | 07:58         | 18:58        |
| 02/01                   | 07:43         | 18:14        | 02/01                     | 07:59         | 18:51        | 02/01                     | 08:14         | 18:37        | 02/01                         | 07:55         | 19:06        |
| 02/10                   | 07:36         | 18:23        | 02/10                     | 07:53         | 18:58        | 02/10                     | 08:06         | 18:47        | 02/10                         | 07:51         | 19:11        |
| 02/20                   | 07:25         | 18:33        | 02/20                     | 07:45         | 19:05        | 02/20                     | 07:55         | 18:57        | 02/20                         | 07:45         | 19:17        |
| 03/01                   | 07:15         | 18:41        | 03/01                     | 07:36         | 19:11        | 03/01                     | 07:43         | 19:06        | 03/01                         | 07:38         | 19:21        |
| 03/10                   | 07:03         | 18:48        | 03/10                     | 07:27         | 19:17        | 03/10                     | 07:31         | 19:14        | 03/10                         | 07:31         | 19:24        |
| 03/20                   | 06:49         | 18:56        | 03/20                     | 07:16         | 19:22        | 03/20                     | 07:16         | 19:23        | 03/20                         | 07:21         | 19:28        |
| 04/01                   | 06:33         | 19:06        | 04/01                     | 07:02         | 19:29        | 04/01                     | 06:59         | 19:34        | 04/01                         | 07:10         | 19:32        |
| 04/10                   | 06:21         | 19:13        | 04/10                     | 06:52         | 19:34        | 04/10                     | 06:46         | 19:41        | 04/10                         | 07:02         | 19:35        |
| 04/20                   | 06:08         | 19:20        | 04/20                     | 06:42         | 19:39        | 04/20                     | 06:32         | 19:50        | 04/20                         | 06:54         | 19:39        |
| 05/01                   | 05:56         | 19:29        | 05/01                     | 06:32         | 19:45        | 05/01                     | 06:19         | 20:00        | 05/01                         | 06:46         | 19:43        |
| 05/10                   | 05:47         | 19:36        | 05/10                     | 06:25         | 19:51        | 05/10                     | 06:10         | 20:07        | 05/10                         | 06:40         | 19:47        |
| 05/20                   | 05:40         | 19:44        | 05/20                     | 06:19         | 19:57        | 05/20                     | 06:02         | 20:16        | 05/20                         | 06:36         | 19:51        |
| 06/01                   | 05:34         | 19:52        | 06/01                     | 06:15         | 20:03        | 06/01                     | 05:55         | 20:24        | 06/01                         | 06:33         | 19:56        |
| 06/10                   | 05:32         | 19:57        | 06/10                     | 06:14         | 20:07        | 06/10                     | 05:53         | 20:29        | 06/10                         | 06:33         | 20:00        |
| 06/20                   | 05:33         | 20:00        | 06/20                     | 06:15         | 20:10        | 06/20                     | 05:54         | 20:33        | 06/20                         | 06:34         | 20:03        |
| 07/01                   | 05:36         | 20:01        | 07/01                     | 06:18         | 20:12        | 07/01                     | 05:57         | 20:34        | 07/01                         | 06:37         | 20:04        |
| 07/10                   | 05:40         | 20:00        | 07/10                     | 06:22         | 20:11        | 07/10                     | 06:02         | 20:32        | 07/10                         | 06:40         | 20:04        |
| 07/20                   | 05:47         | 19:56        | 07/20                     | 06:27         | 20:08        | 07/20                     | 06:08         | 20:28        | 07/20                         | 06:44         | 20:02        |
| 08/01                   | 05:55         | 19:47        | 08/01                     | 06:34         | 20:01        | 08/01                     | 06:18         | 20:18        | 08/01                         | 06:49         | 19:57        |
| 08/10                   | 06:02         | 19:39        | 08/10                     | 06:38         | 19:55        | 08/10                     | 06:25         | 20:09        | 08/10                         | 06:53         | 19:52        |
| 08/20                   | 06:09         | 19:27        | 08/20                     | 06:44         | 19:45        | 08/20                     | 06:33         | 19:57        | 08/20                         | 06:56         | 19:44        |
| 09/01                   | 06:18         | 19:12        | 09/01                     | 06:50         | 19:33        | 09/01                     | 06:43         | 19:41        | 09/01                         | 07:00         | 19:34        |
| 09/10                   | 06:24         | 19:00        | 09/10                     | 06:54         | 19:22        | 09/10                     | 06:50         | 19:28        | 09/10                         | 07:02         | 19:25        |
| 09/20                   | 06:31         | 18:45        | 09/20                     | 06:59         | 19:11        | 09/20                     | 06:58         | 19:13        | 09/20                         | 07:05         | 19:16        |
| 10/01                   | 06:39         | 18:30        | 10/01                     | 07:04         | 18:58        | 10/01                     | 07:07         | 18:56        | 10/01                         | 07:08         | 19:05        |
| 10/10                   | 06:46         | 18:18        | 10/10                     | 07:09         | 18:48        | 10/10                     | 07:14         | 18:43        | 10/10                         | 07:11         | 18:57        |
| 10/20                   | 06:54         | 18:05        | 10/20                     | 07:14         | 18:38        | 10/20                     | 07:23         | 18:30        | 10/20                         | 07:15         | 18:48        |
| 11/01                   | 07:05         | 17:52        | 11/01                     | 07:22         | 18:27        | 11/01                     | 07:35         | 18:16        | 11/01                         | 07:20         | 18:40        |
| 11/10                   | 07:13         | 17:44        | 11/10                     | 07:29         | 18:21        | 11/10                     | 07:44         | 18:07        | 11/10                         | 07:25         | 18:36        |
| 11/20                   | 07:23         | 17:38        | 11/20                     | 07:36         | 18:17        | 11/20                     | 07:54         | 18:00        | 11/20                         | 07:32         | 18:33        |
| 12/01                   | 07:33         | 17:35        | 12/01                     | 07:45         | 18:15        | 12/01                     | 08:05         | 17:56        | 12/01                         | 07:39         | 18:33        |
| 12/10                   | 07:40         | 17:35        | 12/10                     | 07:51         | 18:16        | 12/10                     | 08:12         | 17:56        | 12/10                         | 07:45         | 18:34        |
| 12/20                   | 07:47         | 17:38        | 12/20                     | 07:58         | 18:20        | 12/20                     | 08:19         | 17:59        | 12/20                         | 07:51         | 18:38        |

| 徐州/观音<br>XUZHOU/Guanyin |               |              | 盐城/南洋<br>YANCHENG/Nanyang |               |              | 扬州/泰州<br>YANGZHOU/TAIZHOU |               |              | 延吉/朝阳川<br>YANJI/Chaoyangchuan |               |              |
|-------------------------|---------------|--------------|---------------------------|---------------|--------------|---------------------------|---------------|--------------|-------------------------------|---------------|--------------|
| 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date               | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                   | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                   | 07:15         | 17:11        | 01/01                     | 07:03         | 17:02        | 01/01                     | 07:03         | 17:06        | 01/01                         | 06:53         | 15:58        |
| 01/10                   | 07:16         | 17:18        | 01/10                     | 07:04         | 17:09        | 01/10                     | 07:04         | 17:13        | 01/10                         | 06:52         | 16:07        |
| 01/20                   | 07:14         | 17:28        | 01/20                     | 07:02         | 17:19        | 01/20                     | 07:02         | 17:22        | 01/20                         | 06:48         | 16:19        |
| 02/01                   | 07:07         | 17:40        | 02/01                     | 06:56         | 17:30        | 02/01                     | 06:56         | 17:33        | 02/01                         | 06:38         | 16:34        |
| 02/10                   | 07:00         | 17:48        | 02/10                     | 06:48         | 17:39        | 02/10                     | 06:50         | 17:41        | 02/10                         | 06:27         | 16:46        |
| 02/20                   | 06:50         | 17:58        | 02/20                     | 06:39         | 17:48        | 02/20                     | 06:40         | 17:50        | 02/20                         | 06:13         | 16:59        |
| 03/01                   | 06:39         | 18:06        | 03/01                     | 06:28         | 17:56        | 03/01                     | 06:29         | 17:58        | 03/01                         | 05:59         | 17:11        |
| 03/10                   | 06:28         | 18:13        | 03/10                     | 06:17         | 18:03        | 03/10                     | 06:18         | 18:05        | 03/10                         | 05:44         | 17:22        |
| 03/20                   | 06:14         | 18:21        | 03/20                     | 06:04         | 18:10        | 03/20                     | 06:05         | 18:13        | 03/20                         | 05:26         | 17:34        |
| 04/01                   | 05:58         | 18:30        | 04/01                     | 05:48         | 18:19        | 04/01                     | 05:49         | 18:21        | 04/01                         | 05:05         | 17:48        |
| 04/10                   | 05:46         | 18:37        | 04/10                     | 05:36         | 18:26        | 04/10                     | 05:38         | 18:27        | 04/10                         | 04:50         | 17:58        |
| 04/20                   | 05:33         | 18:45        | 04/20                     | 05:24         | 18:33        | 04/20                     | 05:26         | 18:35        | 04/20                         | 04:33         | 18:10        |
| 05/01                   | 05:21         | 18:53        | 05/01                     | 05:12         | 18:42        | 05/01                     | 05:14         | 18:42        | 05/01                         | 04:17         | 18:22        |
| 05/10                   | 05:13         | 19:00        | 05/10                     | 05:03         | 18:48        | 05/10                     | 05:06         | 18:49        | 05/10                         | 04:06         | 18:32        |
| 05/20                   | 05:05         | 19:08        | 05/20                     | 04:56         | 18:56        | 05/20                     | 05:00         | 18:56        | 05/20                         | 03:55         | 18:43        |
| 06/01                   | 05:00         | 19:16        | 06/01                     | 04:51         | 19:04        | 06/01                     | 04:54         | 19:04        | 06/01                         | 03:47         | 18:54        |
| 06/10                   | 04:58         | 19:21        | 06/10                     | 04:49         | 19:08        | 06/10                     | 04:53         | 19:08        | 06/10                         | 03:43         | 19:00        |
| 06/20                   | 04:58         | 19:24        | 06/20                     | 04:50         | 19:12        | 06/20                     | 04:54         | 19:12        | 06/20                         | 03:43         | 19:04        |
| 07/01                   | 05:02         | 19:25        | 07/01                     | 04:53         | 19:13        | 07/01                     | 04:57         | 19:13        | 07/01                         | 03:47         | 19:05        |
| 07/10                   | 05:06         | 19:24        | 07/10                     | 04:57         | 19:12        | 07/10                     | 05:02         | 19:11        | 07/10                         | 03:53         | 19:02        |
| 07/20                   | 05:12         | 19:20        | 07/20                     | 05:03         | 19:08        | 07/20                     | 05:07         | 19:07        | 07/20                         | 04:01         | 18:56        |
| 08/01                   | 05:21         | 19:11        | 08/01                     | 05:11         | 18:59        | 08/01                     | 05:15         | 18:59        | 08/01                         | 04:13         | 18:44        |
| 08/10                   | 05:27         | 19:03        | 08/10                     | 05:18         | 18:51        | 08/10                     | 05:21         | 18:51        | 08/10                         | 04:22         | 18:32        |
| 08/20                   | 05:34         | 18:52        | 08/20                     | 05:25         | 18:40        | 08/20                     | 05:28         | 18:40        | 08/20                         | 04:33         | 18:17        |
| 09/01                   | 05:43         | 18:36        | 09/01                     | 05:33         | 18:25        | 09/01                     | 05:36         | 18:26        | 09/01                         | 04:46         | 17:58        |
| 09/10                   | 05:49         | 18:24        | 09/10                     | 05:39         | 18:13        | 09/10                     | 05:42         | 18:14        | 09/10                         | 04:56         | 17:42        |
| 09/20                   | 05:56         | 18:10        | 09/20                     | 05:46         | 17:59        | 09/20                     | 05:48         | 18:01        | 09/20                         | 05:07         | 17:24        |
| 10/01                   | 06:04         | 17:55        | 10/01                     | 05:53         | 17:44        | 10/01                     | 05:55         | 17:46        | 10/01                         | 05:19         | 17:05        |
| 10/10                   | 06:11         | 17:43        | 10/10                     | 06:00         | 17:33        | 10/10                     | 06:01         | 17:34        | 10/10                         | 05:29         | 16:49        |
| 10/20                   | 06:19         | 17:30        | 10/20                     | 06:07         | 17:20        | 10/20                     | 06:09         | 17:23        | 10/20                         | 05:41         | 16:33        |
| 11/01                   | 06:29         | 17:17        | 11/01                     | 06:17         | 17:08        | 11/01                     | 06:19         | 17:11        | 11/01                         | 05:56         | 16:15        |
| 11/10                   | 06:37         | 17:10        | 11/10                     | 06:25         | 17:00        | 11/10                     | 06:26         | 17:03        | 11/10                         | 06:07         | 16:04        |
| 11/20                   | 06:47         | 17:04        | 11/20                     | 06:35         | 16:54        | 11/20                     | 06:35         | 16:58        | 11/20                         | 06:20         | 15:55        |
| 12/01                   | 06:57         | 17:00        | 12/01                     | 06:45         | 16:51        | 12/01                     | 06:45         | 16:55        | 12/01                         | 06:33         | 15:49        |
| 12/10                   | 07:04         | 17:01        | 12/10                     | 06:52         | 16:52        | 12/10                     | 06:52         | 16:56        | 12/10                         | 06:42         | 15:48        |
| 12/20                   | 07:11         | 17:04        | 12/20                     | 06:58         | 16:55        | 12/20                     | 06:58         | 16:59        | 12/20                         | 06:49         | 15:50        |



| 烟台/蓬莱<br>YANTAI/Penglai |               |              | 银川/河东<br>YINCHUAN/Hedong |               |              | 义乌<br>YIWU/Yiwu |               |              | 张家界/荷花<br>ZHANGJIAJIE/Hehua |               |              |
|-------------------------|---------------|--------------|--------------------------|---------------|--------------|-----------------|---------------|--------------|-----------------------------|---------------|--------------|
| 月/日<br>Date             | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date              | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date     | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                 | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                   | 07:11         | 16:48        | 01/01                    | 08:11         | 17:44        | 01/01           | 06:54         | 17:12        | 01/01                       | 07:32         | 17:51        |
| 01/10                   | 07:11         | 16:56        | 01/10                    | 08:11         | 17:52        | 01/10           | 06:55         | 17:19        | 01/10                       | 07:33         | 17:58        |
| 01/20                   | 07:08         | 17:06        | 01/20                    | 08:08         | 18:03        | 01/20           | 06:54         | 17:28        | 01/20                       | 07:32         | 18:06        |
| 02/01                   | 07:00         | 17:19        | 02/01                    | 08:00         | 18:16        | 02/01           | 06:49         | 17:38        | 02/01                       | 07:27         | 18:16        |
| 02/10                   | 06:52         | 17:29        | 02/10                    | 07:51         | 18:26        | 02/10           | 06:43         | 17:45        | 02/10                       | 07:21         | 18:24        |
| 02/20                   | 06:40         | 17:40        | 02/20                    | 07:40         | 18:37        | 02/20           | 06:35         | 17:53        | 02/20                       | 07:13         | 18:31        |
| 03/01                   | 06:29         | 17:49        | 03/01                    | 07:27         | 18:47        | 03/01           | 06:26         | 17:59        | 03/01                       | 07:04         | 18:38        |
| 03/10                   | 06:16         | 17:58        | 03/10                    | 07:14         | 18:56        | 03/10           | 06:16         | 18:05        | 03/10                       | 06:54         | 18:43        |
| 03/20                   | 06:01         | 18:07        | 03/20                    | 06:59         | 19:06        | 03/20           | 06:04         | 18:11        | 03/20                       | 06:43         | 18:49        |
| 04/01                   | 05:43         | 18:18        | 04/01                    | 06:41         | 19:17        | 04/01           | 05:50         | 18:18        | 04/01                       | 06:29         | 18:56        |
| 04/10                   | 05:29         | 18:26        | 04/10                    | 06:27         | 19:25        | 04/10           | 05:40         | 18:23        | 04/10                       | 06:18         | 19:01        |
| 04/20                   | 05:15         | 18:36        | 04/20                    | 06:13         | 19:35        | 04/20           | 05:29         | 18:29        | 04/20                       | 06:08         | 19:07        |
| 05/01                   | 05:02         | 18:46        | 05/01                    | 05:59         | 19:45        | 05/01           | 05:19         | 18:36        | 05/01                       | 05:57         | 19:14        |
| 05/10                   | 04:52         | 18:54        | 05/10                    | 05:49         | 19:54        | 05/10           | 05:11         | 18:42        | 05/10                       | 05:50         | 19:20        |
| 05/20                   | 04:43         | 19:02        | 05/20                    | 05:40         | 20:02        | 05/20           | 05:05         | 18:48        | 05/20                       | 05:44         | 19:26        |
| 06/01                   | 04:36         | 19:11        | 06/01                    | 05:33         | 20:12        | 06/01           | 05:01         | 18:55        | 06/01                       | 05:40         | 19:32        |
| 06/10                   | 04:34         | 19:17        | 06/10                    | 05:31         | 20:17        | 06/10           | 05:00         | 18:59        | 06/10                       | 05:39         | 19:37        |
| 06/20                   | 04:34         | 19:21        | 06/20                    | 05:31         | 20:21        | 06/20           | 05:01         | 19:02        | 06/20                       | 05:40         | 19:40        |
| 07/01                   | 04:38         | 19:22        | 07/01                    | 05:34         | 20:22        | 07/01           | 05:04         | 19:03        | 07/01                       | 05:43         | 19:41        |
| 07/10                   | 04:43         | 19:20        | 07/10                    | 05:39         | 20:20        | 07/10           | 05:08         | 19:03        | 07/10                       | 05:47         | 19:40        |
| 07/20                   | 04:50         | 19:15        | 07/20                    | 05:46         | 20:15        | 07/20           | 05:13         | 18:59        | 07/20                       | 05:52         | 19:37        |
| 08/01                   | 04:59         | 19:05        | 08/01                    | 05:56         | 20:05        | 08/01           | 05:20         | 18:52        | 08/01                       | 05:59         | 19:30        |
| 08/10                   | 05:07         | 18:56        | 08/10                    | 06:04         | 19:55        | 08/10           | 05:25         | 18:45        | 08/10                       | 06:04         | 19:23        |
| 08/20                   | 05:15         | 18:43        | 08/20                    | 06:13         | 19:43        | 08/20           | 05:31         | 18:36        | 08/20                       | 06:09         | 19:14        |
| 09/01                   | 05:26         | 18:26        | 09/01                    | 06:23         | 19:25        | 09/01           | 05:37         | 18:22        | 09/01                       | 06:16         | 19:01        |
| 09/10                   | 05:33         | 18:13        | 09/10                    | 06:31         | 19:12        | 09/10           | 05:42         | 18:12        | 09/10                       | 06:20         | 18:50        |
| 09/20                   | 05:41         | 17:57        | 09/20                    | 06:40         | 18:56        | 09/20           | 05:47         | 18:00        | 09/20                       | 06:25         | 18:38        |
| 10/01                   | 05:51         | 17:40        | 10/01                    | 06:49         | 18:38        | 10/01           | 05:53         | 17:46        | 10/01                       | 06:31         | 18:25        |
| 10/10                   | 05:59         | 17:27        | 10/10                    | 06:58         | 18:25        | 10/10           | 05:58         | 17:36        | 10/10                       | 06:36         | 18:14        |
| 10/20                   | 06:08         | 17:13        | 10/20                    | 07:07         | 18:11        | 10/20           | 06:04         | 17:25        | 10/20                       | 06:42         | 18:04        |
| 11/01                   | 06:20         | 16:58        | 11/01                    | 07:20         | 17:56        | 11/01           | 06:12         | 17:14        | 11/01                       | 06:51         | 17:53        |
| 11/10                   | 06:30         | 16:50        | 11/10                    | 07:30         | 17:47        | 11/10           | 06:19         | 17:08        | 11/10                       | 06:57         | 17:47        |
| 11/20                   | 06:40         | 16:42        | 11/20                    | 07:40         | 17:39        | 11/20           | 06:27         | 17:03        | 11/20                       | 07:05         | 17:42        |
| 12/01                   | 06:52         | 16:38        | 12/01                    | 07:52         | 17:34        | 12/01           | 06:36         | 17:01        | 12/01                       | 07:14         | 17:40        |
| 12/10                   | 07:00         | 16:37        | 12/10                    | 08:00         | 17:34        | 12/10           | 06:43         | 17:02        | 12/10                       | 07:21         | 17:41        |
| 12/20                   | 07:07         | 16:40        | 12/20                    | 08:07         | 17:37        | 12/20           | 06:49         | 17:05        | 12/20                       | 07:27         | 17:44        |

| 郑州/新郑<br>ZHENGZHOU/Xinzheng |               |              | 舟山/普陀山<br>ZHOUZHAN/Putuooshan |               |              |             |               |              |             |               |              |
|-----------------------------|---------------|--------------|-------------------------------|---------------|--------------|-------------|---------------|--------------|-------------|---------------|--------------|
| 月/日<br>Date                 | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date                   | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date | 日出<br>Sunrise | 日落<br>Sunset | 月/日<br>Date | 日出<br>Sunrise | 日落<br>Sunset |
| 01/01                       | 07:31         | 17:25        | 01/01                         | 06:46         | 17:02        |             |               |              |             |               |              |
| 01/10                       | 07:32         | 17:32        | 01/10                         | 06:47         | 17:09        |             |               |              |             |               |              |
| 01/20                       | 07:30         | 17:42        | 01/20                         | 06:46         | 17:17        |             |               |              |             |               |              |
| 02/01                       | 07:23         | 17:54        | 02/01                         | 06:41         | 17:27        |             |               |              |             |               |              |
| 02/10                       | 07:15         | 18:03        | 02/10                         | 06:35         | 17:35        |             |               |              |             |               |              |
| 02/20                       | 07:05         | 18:12        | 02/20                         | 06:26         | 17:43        |             |               |              |             |               |              |
| 03/01                       | 06:54         | 18:20        | 03/01                         | 06:17         | 17:49        |             |               |              |             |               |              |
| 03/10                       | 06:43         | 18:28        | 03/10                         | 06:07         | 17:55        |             |               |              |             |               |              |
| 03/20                       | 06:29         | 18:36        | 03/20                         | 05:55         | 18:02        |             |               |              |             |               |              |
| 04/01                       | 06:13         | 18:45        | 04/01                         | 05:41         | 18:09        |             |               |              |             |               |              |
| 04/10                       | 06:00         | 18:52        | 04/10                         | 05:30         | 18:14        |             |               |              |             |               |              |
| 04/20                       | 05:48         | 19:00        | 04/20                         | 05:19         | 18:21        |             |               |              |             |               |              |
| 05/01                       | 05:35         | 19:09        | 05/01                         | 05:08         | 18:27        |             |               |              |             |               |              |
| 05/10                       | 05:27         | 19:16        | 05/10                         | 05:01         | 18:33        |             |               |              |             |               |              |
| 05/20                       | 05:19         | 19:24        | 05/20                         | 04:55         | 18:40        |             |               |              |             |               |              |
| 06/01                       | 05:13         | 19:32        | 06/01                         | 04:50         | 18:47        |             |               |              |             |               |              |
| 06/10                       | 05:12         | 19:37        | 06/10                         | 04:49         | 18:51        |             |               |              |             |               |              |
| 06/20                       | 05:12         | 19:40        | 06/20                         | 04:50         | 18:54        |             |               |              |             |               |              |
| 07/01                       | 05:15         | 19:41        | 07/01                         | 04:53         | 18:56        |             |               |              |             |               |              |
| 07/10                       | 05:20         | 19:40        | 07/10                         | 04:57         | 18:55        |             |               |              |             |               |              |
| 07/20                       | 05:26         | 19:36        | 07/20                         | 05:02         | 18:51        |             |               |              |             |               |              |
| 08/01                       | 05:35         | 19:27        | 08/01                         | 05:09         | 18:44        |             |               |              |             |               |              |
| 08/10                       | 05:41         | 19:18        | 08/10                         | 05:15         | 18:37        |             |               |              |             |               |              |
| 08/20                       | 05:49         | 19:07        | 08/20                         | 05:21         | 18:27        |             |               |              |             |               |              |
| 09/01                       | 05:57         | 18:52        | 09/01                         | 05:27         | 18:14        |             |               |              |             |               |              |
| 09/10                       | 06:04         | 18:39        | 09/10                         | 05:32         | 18:03        |             |               |              |             |               |              |
| 09/20                       | 06:11         | 18:25        | 09/20                         | 05:37         | 17:50        |             |               |              |             |               |              |
| 10/01                       | 06:19         | 18:10        | 10/01                         | 05:44         | 17:37        |             |               |              |             |               |              |
| 10/10                       | 06:26         | 17:57        | 10/10                         | 05:49         | 17:26        |             |               |              |             |               |              |
| 10/20                       | 06:34         | 17:45        | 10/20                         | 05:55         | 17:15        |             |               |              |             |               |              |
| 11/01                       | 06:44         | 17:32        | 11/01                         | 06:04         | 17:04        |             |               |              |             |               |              |
| 11/10                       | 06:53         | 17:24        | 11/10                         | 06:11         | 16:58        |             |               |              |             |               |              |
| 11/20                       | 07:02         | 17:18        | 11/20                         | 06:19         | 16:53        |             |               |              |             |               |              |
| 12/01                       | 07:13         | 17:14        | 12/01                         | 06:28         | 16:50        |             |               |              |             |               |              |
| 12/10                       | 07:20         | 17:14        | 12/10                         | 06:35         | 16:51        |             |               |              |             |               |              |
| 12/20                       | 07:27         | 17:17        | 12/20                         | 06:41         | 16:55        |             |               |              |             |               |              |