

**Joe Biden** November 20, 1942, 8:30 AM, Scranton, Pennsylvania

**January, 2024**

| Mundane                           |   | Personal  |  | Mundane  |   | Personal   |                          | Mundane  |   | Personal   |  |
|-----------------------------------|---|---|--|--|---|--|--------------------------|--|---|--|--|
| <b>1 Mon</b>                      | ♀♁♃ 6:26 a<br>♃♁Dir. 8:08 p                           | ♂♃♁ 1:07 a<br>♃♁♃ 1:54 a<br>♂♃♁ 2:07 a<br>♂♃♁♁ 4:17 a | <b>2 Tue</b>   | ♂♃♁ 9:17 a<br>♃♃♁ station<br>♃♁♃ station<br>♂♁♃ 7:53 p | <b>3 Wed</b>  | ♂♁♃ 3:55 a<br>♂♁♁ 10:54 a<br>♂♃♁ 2:09 p<br>♁♁Dir. 8:36 p                             | ♂♃♁ 4:21 a<br>♂♁♃ 5:05 a | <b>4 Thu</b>   | ♂♃♁ 7:58 a<br>♁♁Rx 11:58 a                            | ♂♃♁ 3:46 a<br>♃♁♃ 10:10 a<br>♂♁♃ 11:30 a<br>♂♁♃ 11:55 a<br>♂♁♁ 12:46 p |  |
| Sunrise 7:36 AM<br>Sunset 5:26 PM |   | Sunrise 7:36 AM<br>Sunset 5:27 PM                     |  | Sunrise 7:37 AM<br>Sunset 5:27 PM                      |   | Sunrise 7:37 AM<br>Sunset 5:28 PM  |                          | Sunrise 7:37 AM<br>Sunset 5:29 PM  |   | Sunrise 7:37 AM<br>Sunset 5:30 PM                                      |  |
| <b>5 Fri</b>                      | ♂♁♁ 3:43 p<br>♂♁♁ 5:20 p                              | <b>6 Sat</b>  | ♂♁♃ 1:35 a<br>♂♁♃ 8:46 a<br>♂♁♃ 5:32 p<br>♂♁♃ 9:06 p | <b>7 Sun</b>   | ♂♁♃ 7:36 a<br>♂♁♃ 11:23 a<br>♂♁♃ 3:53 p<br>♂♁♃ 11:42 p                | <b>8 Mon</b>   | ♂♁♃ 6:24 p               | ♂♁♃ 1:16 a<br>♂♁♃ 7:08 a<br>♂♁♃ 2:26 p<br>♂♁♃ 4:02 p<br>♂♁♃ 4:46 p<br>♂♁♃ 9:20 p |   |  |  |
| Sunrise 7:37 AM<br>Sunset 5:32 PM |   | Sunrise 7:37 AM<br>Sunset 5:33 PM                     |  | Sunrise 7:37 AM<br>Sunset 5:34 PM                      |   | Sunrise 7:37 AM<br>Sunset 5:35 PM  |                          | Sunrise 7:36 AM<br>Sunset 5:36 PM  |   | Sunrise 7:36 AM<br>Sunset 5:37 PM                                      |  |
| <b>9 Tue</b>                      | ♂♁♃ 1:38 p<br>♂♁♃ 5:07 p<br>♂♁♃ 7:39 p<br>♂♁♃ 11:29 p | <b>10 Wed</b>   | ♂♁♃ 2:07 p<br>♂♁♃ 6:43 p                             | <b>11 Thu</b>  | ♂♁♃ 2:07 a<br>♂♁♃ 5:37 p<br>♂♁♃ 6:25 p                                | ♂♁♃ 10:37 a<br>♂♁♃ 11:23 a<br>♂♁♃ 3:53 p<br>♂♁♃ 11:42 p                              | <b>12 Fri</b>            | ♂♁♃ 3:41 a   | ♂♁♃ 10:45 a<br>♂♁♃ 6:26 p<br>♂♁♃ 7:04 p               |  |  |
| Sunrise 7:37 AM<br>Sunset 5:32 PM |   | Sunrise 7:36 AM<br>Sunset 5:37 PM                     |  | Sunrise 7:36 AM<br>Sunset 5:38 PM                      |   | Sunrise 7:36 AM<br>Sunset 5:39 PM  |                          | Sunrise 7:36 AM<br>Sunset 5:40 PM  |   | Sunrise 7:35 AM<br>Sunset 5:41 PM                                      |  |
| <b>13 Sat</b>                     | ♂♁♃ 2:39 p<br>♂♁♃ 7:49 p                              | <b>14 Sun</b>   | ♂♁♃ 6:03 a<br>♂♁♃ 3:47 p                             | <b>15 Mon</b>  | ♂♁♃ 2:07 a<br>♂♁♃ 5:37 p<br>♂♁♃ 6:25 p                                | ♂♁♃ 4:36 a<br>♂♁♃ 8:09 a<br>♂♁♃ 12:25 p  | <b>16 Tue</b>            |  | ♂♁♃ 4:32 a<br>♂♁♃ 6:44 a<br>♂♁♃ 3:03 p<br>♂♁♃ 6:02 p  |  |  |
| Sunrise 7:37 AM<br>Sunset 5:36 PM |   | Sunrise 7:35 AM<br>Sunset 5:41 PM                     |  | Sunrise 7:35 AM<br>Sunset 5:42 PM                      |   | Sunrise 7:35 AM<br>Sunset 5:43 PM  |                          | Sunrise 7:35 AM<br>Sunset 5:43 PM  |   | Sunrise 7:34 AM<br>Sunset 5:44 PM                                      |  |
| <b>17 Wed</b>                     | ♂♁♃ 9:57 a  | <b>18 Thu</b>   | ♂♁♃ 1:49 a<br>♂♁♃ 9:01 p                             | <b>19 Fri</b>  | ♂♁♃ 2:31 a<br>♂♁♃ 8:49 a  | ♂♁♃ 2:51 a<br>♂♁♃ 4:46 a<br>♂♁♃ 8:34 a<br>♂♁♃ 9:35 p                                 | <b>20 Sat</b>            | ♂♁♃ 6:46 a<br>♂♁♃ 7:07 a<br>♂♁♃ 5:56 p   | ♂♁♃ 10:38 a   |  |  |
| Sunrise 7:36 AM<br>Sunset 5:40 PM |   | Sunrise 7:34 AM<br>Sunset 5:45 PM                     |  | Sunrise 7:33 AM<br>Sunset 5:46 PM                      |   | Sunrise 7:33 AM<br>Sunset 5:47 PM  |                          | Sunrise 7:32 AM<br>Sunset 5:48 PM  |   | Sunrise 7:32 AM<br>Sunset 5:49 PM                                      |  |
| <b>21 Sun</b>                     |   | <b>22 Mon</b>   | ♂♁♃ 4:02 a<br>♂♁♃ 9:26 a<br>♂♁♃ 7:51 p               | <b>23 Tue</b>  | ♂♁♃ 1:50 a<br>♂♁♃ 2:49 a<br>♂♁♃ 3:21 a                                | ♂♁♃ 12:34 a<br>♂♁♃ 4:44 a<br>♂♁♃ 10:14 a<br>♂♁♃ 9:03 p<br>♂♁♃ 10:18 p<br>♂♁♃ 10:51 p | <b>24 Wed</b>            |  | ♂♁♃ 7:23 a<br>♂♁♃ 12:01 p<br>♂♁♃ 3:44 p<br>♂♁♃ 9:27 p |  |  |
| Sunrise 7:34 AM<br>Sunset 5:44 PM |   | Sunrise 7:32 AM<br>Sunset 5:49 PM                     |  | Sunrise 7:31 AM<br>Sunset 5:49 PM                      |   | Sunrise 7:31 AM<br>Sunset 5:50 PM  |                          | Sunrise 7:31 AM<br>Sunset 5:50 PM  |   | Sunrise 7:30 AM<br>Sunset 5:51 PM                                      |  |
| <b>25 Thu</b>                     | ♂♁♃ 10:15 a<br>♂♁♃ 11:52 p                            | <b>26 Fri</b>   | ♂♁♃ 7:49 a<br>♂♁♃ 9:32 a                             | <b>27 Sat</b>  | ♂♁♃ 12:18 a<br>♂♁♃ 12:35 a<br>♂♁♃ 7:59 a<br>♂♁♃ 9:24 p<br>♂♁♃ 11:03 p | ♂♁♃ 7:41 a<br>♂♁♃ 9:40 a<br>♂♁♃ 4:03 p<br>♂♁♃ 10:56 p<br>♂♁♃ 11:05 p                 | <b>28 Sun</b>            | ♂♁♃ 7:19 a<br>♂♁♃ 2:06 p<br>♂♁♃ 6:02 p   | ♂♁♃ 9:13 a<br>♂♁♃ 12:01 p<br>♂♁♃ 10:38 p              |  |  |
| Sunrise 7:32 AM<br>Sunset 5:48 PM |   | Sunrise 7:30 AM<br>Sunset 5:52 PM                     |  | Sunrise 7:29 AM<br>Sunset 5:53 PM                      |   |  |                          |  |   |  |  |
| <b>29 Mon</b>                     | ♂♁♃ 4:41 p  | <b>30 Tue</b>   | ♂♁♃ 1:59 a<br>♂♁♃ 8:47 p                             | <b>31 Wed</b>  | ♂♁♃ 1:16 p  | ♂♁♃ 3:42 a<br>♂♁♃ 4:10 a   |                          |  |   |  |  |

Mountain Standard Time Sunrise and Sunset Times are for Scottsdale, Arizona

**Joe Biden** November 20, 1942, 8:30 AM, Scranton, Pennsylvania

**February, 2024**

| Mundane         |                | Personal   |            | Mundane         |                | Personal  |            | Mundane         |                | Personal        |               | Mundane    |                 | Personal       |            |            |            |            |                 |                |               |           |                 |                |                  |            |                 |                |            |               |               |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
|-----------------|----------------|------------|------------|-----------------|----------------|-----------|------------|-----------------|----------------|-----------------|---------------|------------|-----------------|----------------|------------|------------|------------|------------|-----------------|----------------|---------------|-----------|-----------------|----------------|------------------|------------|-----------------|----------------|------------|---------------|---------------|------------|-----------|------------|------------|------------|-----------|---------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|---------------|-----------|-----------|------------|-----------|-----------|
| <b>1 Thu</b>    | ♂♂ 11:15 p     | ♃♃ 2:09 p  | ♁♁ 4:27 p  | ♃♃ 4:27 p       | ♂♂ 5:03 p      | ♂♂ 9:43 p |            | <b>2 Fri</b>    | ♃♂ 3:54 a      | ♁♁ Rx 4:30 p    | ♃♂ 6:24 a     | ♃♂ 7:00 a  | <b>3 Sat</b>    | ♃♂ 1:44 a      | ♃♂ 7:45 a  | ♃♂ 8:07 a  | ♁♁ station | ♃♂ 11:28 p | <b>4 Sun</b>    | ♃♃ 10:10 p     | ♃♂ 4:38 a     | ♃♂ 8:45 a |                 |                |                  |            |                 |                |            |               |               |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
| Sunrise 7:28 AM | Sunset 5:54 PM |            |            | Sunrise 7:27 AM | Sunset 5:55 PM |           |            | Sunrise 7:27 AM | Sunset 5:56 PM |                 |               |            | Sunrise 7:26 AM | Sunset 5:57 PM |            |            |            |            | Sunrise 7:26 AM | Sunset 5:57 PM |               |           |                 |                |                  |            |                 |                |            |               |               |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
| <b>5 Mon</b>    | ♁♂ 2:03 a      | ♃♂ 4:49 a  | ♁♂ 5:27 a  | ♃♂ 5:57 a       | ♃♂ 12:30 a     | ♁♂ 4:27 a | ♁♂ 1:18 p  | ♃♂ 1:31 p       | ♃♂ 9:45 p      | <b>6 Tue</b>    | ♃♂ 9:15 a     | ♃♂ station | ♁♂ 3:17 p       | ♃♂ 9:05 a      | ♃♂ 11:45 a | ♃♂ 2:45 p  | ♃♂ 5:13 p  | ♃♂ 7:42 p  | ♃♂ 11:31 p      | <b>7 Wed</b>   | ♃♂ 2:25 p     | ♃♂ 5:20 p | ♃♂ 11:09 a      | <b>8 Thu</b>   | ♁♂ 3:46 a        | ♃♂ 1:50 a  | ♃♂ 5:07 a       | ♁♂ 9:32 p      |            |               |               |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
| Sunrise 7:25 AM | Sunset 5:58 PM |            |            | Sunrise 7:24 AM | Sunset 5:59 PM |           |            | Sunrise 7:24 AM | Sunset 6:00 PM |                 |               |            | Sunrise 7:23 AM | Sunset 6:01 PM |            |            |            |            | Sunrise 7:23 AM | Sunset 6:01 PM |               |           |                 |                |                  |            |                 |                |            |               |               |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
| <b>9 Fri</b>    | ♃♂ 4:59 p      | ♃♂ 12:48 p | ♃♂ 12:59 p | ♃♂ 6:45 p       | <b>10 Sat</b>  | ♃♂ 6:25 a | ♃♂ 8:53 a  | ♁♂ 12:13 p      | <b>11 Sun</b>  | ♃♂ 10:59 p      | ♃♂ 1:52 a     | ♃♂ 5:44 a  | ♃♂ 12:09 p      | <b>12 Mon</b>  | ♃♂ 11:05 p | ♃♂ 7:08 a  | ♃♂ 10:39 a | ♃♂ 8:37 p  |                 |                |               |           | <b>13 Tue</b>   | ♃♂ 6:36 a      | ♁♂ SDir. 10:02 a | ♃♂ 11:05 p | <b>14 Wed</b>   | ♃♂ 1:34 a      | ♃♂ 5:51 a  | ♃♂ 9:43 a     | ♃♂ 10:24 p    |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
| Sunrise 7:22 AM | Sunset 6:02 PM |            |            | Sunrise 7:21 AM | Sunset 6:03 PM |           |            | Sunrise 7:20 AM | Sunset 6:04 PM |                 |               |            | Sunrise 7:19 AM | Sunset 6:05 PM |            |            |            |            | Sunrise 7:18 AM | Sunset 6:06 PM |               |           | <b>15 Thu</b>   | ♃♂ 3:28 a      | ♃♂ 6:16 a        | ♃♂ 11:18 a | ♃♂ 5:01 a       | ♃♂ 5:30 a      | ♃♂ 11:24 a | <b>16 Fri</b> | ♁♂ Rx 7:54 a  | ♃♂ 9:05 a  | ♃♂ 8:52 p | ♁♂ 11:10 a | ♃♂ 11:59 a | ♃♂ station | ♃♂ 1:41 p |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
| Sunrise 7:22 AM | Sunset 6:02 PM |            |            | Sunrise 7:21 AM | Sunset 6:03 PM |           |            | Sunrise 7:20 AM | Sunset 6:04 PM |                 |               |            | Sunrise 7:19 AM | Sunset 6:05 PM |            |            |            |            | Sunrise 7:18 AM | Sunset 6:06 PM |               |           | Sunrise 7:16 AM | Sunset 6:08 PM |                  |            | Sunrise 7:15 AM | Sunset 6:09 PM |            |               |               |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
| <b>17 Sat</b>   | ♃♂ 1:48 a      | ♃♂ 2:27 a  | ♃♂ 4:12 a  | ♃♂ 5:42 a       | ♁♂ 10:49 a     | ♃♂ 2:29 p | ♃♂ 6:38 p  | <b>18 Sun</b>   | ♁♂ 9:13 p      | ♃♂ 4:37 a       | ♃♂ 2:55 p     | ♃♂ 10:52 p | <b>19 Mon</b>   | ♃♂ 2:13 p      | ♃♂ 7:38 p  | ♃♂ 12:46 a | ♃♂ 8:03 a  | ♃♂ 8:40 p  | <b>20 Tue</b>   | ♃♂ 12:23 p     | ♃♂ 4:10 p     | ♃♂ 6:28 a | ♃♂ 8:14 a       | ♁♂ 9:17 a      | <b>21 Wed</b>    | ♃♂ 12:10 a | ♃♂ 7:29 a       | ♃♂ 7:52 a      | ♁♂ 3:16 p  | ♃♂ 3:34 p     | <b>22 Thu</b> | ♃♂ 12:14 a | ♁♂ 1:02 a | ♃♂ 5:02 a  | ♃♂ 5:17 a  | ♃♂ 8:19 a  | ♃♂ 9:27 a | <b>23 Fri</b> | ♃♂ 12:29 a | ♃♂ 2:31 p | ♃♂ 4:38 p | ♃♂ 7:26 p | ♃♂ 2:28 a | ♃♂ 1:39 p | ♃♂ 8:42 p | <b>24 Sat</b> | ♃♂ 2:39 a | ♃♂ 9:01 p | ♃♂ 10:10 a | ♃♂ 1:24 p | ♃♂ 6:49 p |
| Sunrise 7:14 AM | Sunset 6:10 PM |            |            | Sunrise 7:13 AM | Sunset 6:10 PM |           |            | Sunrise 7:12 AM | Sunset 6:11 PM |                 |               |            | Sunrise 7:11 AM | Sunset 6:12 PM |            |            |            |            | Sunrise 7:10 AM | Sunset 6:13 PM |               |           | Sunrise 7:09 AM | Sunset 6:14 PM |                  |            | Sunrise 7:07 AM | Sunset 6:15 PM |            |               |               |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
| <b>25 Sun</b>   | ♃♂ 2:20 a      | ♃♂ 6:03 p  | ♃♂ 9:03 p  | <b>26 Mon</b>   | ♁♂ 1:28 a      | ♃♂ 1:19 p | ♃♂ 11:40 p | <b>27 Tue</b>   | ♃♂ 1:30 a      | ♁♂ SDir. 3:53 p | <b>28 Wed</b> | ♃♂ 1:43 a  | ♃♂ 2:42 a       | ♃♂ 8:07 a      | ♃♂ 2:25 p  | ♃♂ 10:46 a | ♁♂ station | ♃♂ 1:05 p  | ♁♂ 6:36 p       | ♃♂ 10:56 p     | <b>29 Thu</b> | ♃♂ 2:53 a | ♃♂ 7:17 a       | ♁♂ 6:52 a      | ♃♂ 5:25 p        | ♃♂ 8:22 p  |                 |                |            |               |               |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |
| Sunrise 7:05 AM | Sunset 6:17 PM |            |            | Sunrise 7:04 AM | Sunset 6:17 PM |           |            | Sunrise 7:03 AM | Sunset 6:18 PM |                 |               |            | Sunrise 7:02 AM | Sunset 6:19 PM |            |            |            |            | Sunrise 7:00 AM | Sunset 6:20 PM |               |           |                 |                |                  |            |                 |                |            |               |               |            |           |            |            |            |           |               |            |           |           |           |           |           |           |               |           |           |            |           |           |

Mountain Standard Time Sunrise and Sunset Times are for Scottsdale, Arizona

| Mundane       |  | Personal  |               | Mundane                                |  | Personal      |   | Mundane  |                          | Personal                                |   | Mundane                           |                                   | Personal                          |                                   |
|---------------|--|---|---------------|--|--|---------------|---|--|--------------------------|---|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>1 Fri</b>  | ☉✳♃ 5:14 a<br>♃♃♂ 5:41 a<br>♀✳♂ 7:58 a                             | ♃□♃ 12:48 a   | <b>2 Sat</b>  | ♃♃♂ 4:00 p<br>♃♃♂ 6:43 p               | ☉♂♂ 9:41 a<br>♃♃♂ 12:23 p<br>♃♃♂ 3:08 p  | <b>3 Sun</b>  | ♀□♂ 6:17 a<br>♃♃♂ 8:25 a<br>♂ Rx 8:34 a<br>♃♃♂ 7:58 p | ♀♂♂ 11:08 a  | <b>4 Mon</b>             | ♃✳♂ 1:24 p<br>♂✳♂ 5:35 p                | ♃♂♂ 4:00 p<br>♀□♂ 6:46 p  | Sunrise 6:59 AM<br>Sunset 6:21 PM | Sunrise 6:58 AM<br>Sunset 6:22 PM | Sunrise 6:57 AM<br>Sunset 6:22 PM | Sunrise 6:55 AM<br>Sunset 6:23 PM |
| <b>5 Tue</b>  | ☉♃♂ 7:06 p   | ♂♂♂ 8:24 a<br>♃♃♂ 12:14 p<br>☉♂♂ 6:59 p<br>♃♂♂ 8:46 p                             | <b>6 Wed</b>  | ☉♂♂ 3:51 a<br>♂✳♂ 4:04 p<br>♃♃♂ 7:00 p | <b>7 Thu</b>   | ☉♃♂ 9:07 a    | ♃♂♂ 8:43 a<br>♀♂♂ 4:30 p<br>♃♂♂ 9:54 p                | <b>8 Fri</b>   | ♃♂♂ 8:06 a<br>♃♂♂ 4:54 p | ♃♂♂ 2:43 p<br>♃♂♂ 3:06 p                | Sunrise 6:54 AM<br>Sunset 6:24 PM                                     | Sunrise 6:53 AM<br>Sunset 6:25 PM | Sunrise 6:52 AM<br>Sunset 6:26 PM | Sunrise 6:50 AM<br>Sunset 6:26 PM |                                   |
| <b>9 Sat</b>  | ♀♃♂ 5:49 a<br>♂□♂ 3:55 p<br>☉✳♂ 4:01 p<br>☉♃♂ 4:20 p<br>♃♂♂ 9:03 p | ♃♂♂ 3:03 a<br>♃♂♂ 7:08 a<br>♀□♂ 3:31 p<br>☉♂♂ 4:59 p<br>♂♂♂ 5:10 p<br>♃♂♂ 10:54 p | <b>10 Sun</b> | ♃✳♂ 3:20 p                             | ♃♃♂ 9:21 a<br>♀□♂ 10:48 a<br>♃♂♂ 4:00 p<br>♀♂♂ 5:10 p<br>♂♂♂ 7:18 p                | <b>11 Mon</b> | ♀♂♂ 2:50 p<br>♂ SDir. 6:17 p                          | ♂♂♂ 2:00 a<br>♃✳♂ 7:51 a<br>☉♂♂ 8:11 a<br>♃♂♂ 1:01 p<br>♀♂♂ 5:44 p<br>♂□♂ 7:35 p | <b>12 Tue</b>            | ♀♂♂ 4:29 a<br>♂♂♂ 11:43 a<br>♀♃♂ 8:10 p | ☉♂♂ 12:46 a<br>♂♂♂ 9:56 a<br>♂♂♂ station<br>♀♂♂ 8:13 p<br>♃♂♂ 10:21 p | Sunrise 6:49 AM<br>Sunset 6:27 PM | Sunrise 6:48 AM<br>Sunset 6:28 PM | Sunrise 6:46 AM<br>Sunset 6:29 PM | Sunrise 6:45 AM<br>Sunset 6:30 PM |
| <b>13 Wed</b> | ♀♂♂ 11:42 p  | ♃♂♂ 8:01 a<br>♃♂♂ 5:01 p<br>♀□♂ 8:38 p  | <b>14 Thu</b> | ♃♂♂ 11:05 a                            | ♀□♂♂ 4:34 a<br>☉♂♂ 10:44 p   | <b>15 Fri</b> |   | ♃✳♂ 5:23 a   | <b>16 Sat</b>            | ♃♃♂ 6:57 a<br>♂ Rx 9:02 p               | ♂♂♂ 10:39 a<br>♃♂♂ 5:39 p<br>♃♂♂ 6:06 p                               | Sunrise 6:44 AM<br>Sunset 6:30 PM | Sunrise 6:42 AM<br>Sunset 6:31 PM | Sunrise 6:41 AM<br>Sunset 6:32 PM | Sunrise 6:40 AM<br>Sunset 6:33 PM |
| <b>17 Sun</b> | ☉♂♂ 4:22 a<br>♃♃♂ 10:02 p  | ♃♂♂ 8:01 a<br>☉♂♂ 9:11 a<br>☉♂♂ 9:56 a<br>♀♂♂ 10:58 a<br>♃♂♂ 12:50 p              | <b>18 Mon</b> | ♃♂♂ 5:12 p                             | ♃♂♂ 7:48 a<br>☉♂♂ 9:11 a<br>♂♂♂ 11:42 a<br>☉♂♂ 5:07 p                              | <b>19 Tue</b> | ♂♃♂ 9:56 a<br>☉♂♂ 4:39 p<br>☉♂♂ 8:06 p                | ♂□♂ 1:29 p<br>♀□♂ 3:52 p<br>♀♂♂ 7:22 p<br>☉♂♂ 11:42 p                            | <b>20 Wed</b>            | ♃♂♂ 10:27 a                             | ♃♂♂ 1:38 a<br>♃♂♂ 8:33 a<br>☉♂♂ 7:54 p<br>♂□♂ 8:11 p                  | Sunrise 6:38 AM<br>Sunset 6:33 PM | Sunrise 6:37 AM<br>Sunset 6:34 PM | Sunrise 6:36 AM<br>Sunset 6:35 PM | Sunrise 6:34 AM<br>Sunset 6:36 PM |
| <b>21 Thu</b> | ☉✳♂ 1:03 p<br>♀♂♂ 4:09 p<br>♃♃♂ 11:27 p                            | ♂♂♂ 6:18 a<br>☉♂♂ 8:43 a<br>♃♂♂ 3:09 p<br>♀♂♂ 7:02 p                              | <b>22 Fri</b> | ♂♂♂ 4:47 p                             | ♃♂♂ 10:50 a<br>☉✳♂ 3:11 p<br>♂♂♂ 9:23 p<br>♂♂♂ 10:28 p<br>♃♂♂ 11:12 p              | <b>23 Sat</b> | ♃♃♂ 8:59 a<br>♂♂♂ 11:20 a                             | ☉♂♂ 1:06 a<br>♃♂♂ 6:31 a<br>♂♂♂ 11:10 p  | <b>24 Sun</b>            | ♀♂♂ 5:11 a<br>♀✳♂ 9:37 a<br>♂♃♂ 10:58 p | ♀♂♂ 12:55 p<br>♂♂♂ 3:31 p   | Sunrise 6:33 AM<br>Sunset 6:36 PM | Sunrise 6:32 AM<br>Sunset 6:37 PM | Sunrise 6:30 AM<br>Sunset 6:38 PM | Sunrise 6:29 AM<br>Sunset 6:39 PM |
| <b>25 Mon</b> | ♀♂♂ 3:57 a<br>☉♂♂ 9:01 a<br>♂ SDir. 9:07 p                         |   | <b>26 Tue</b> | ♀♂♂ 4:43 p                             | ♂□♂ 6:21 a<br>☉♂♂ 10:19 a<br>♂♂♂ station<br>♃♂♂ 1:08 p<br>♂□♂ 6:59 p<br>♂□♂ 7:05 p | <b>27 Wed</b> | ♂♂♂ 10:51 a   | ☉♂♂ 3:03 a<br>♀♂♂ 4:59 p<br>♃♂♂ 6:15 p   | <b>28 Thu</b>            | ♀✳♂ 6:58 a                              |   | Sunrise 6:28 AM<br>Sunset 6:39 PM | Sunrise 6:26 AM<br>Sunset 6:40 PM | Sunrise 6:25 AM<br>Sunset 6:41 PM | Sunrise 6:24 AM<br>Sunset 6:42 PM |
| <b>29 Fri</b> |  | ♀♂♂ 12:40 a<br>♀♂♂ 2:03 p<br>☉♂♂ 9:15 p   | <b>30 Sat</b> |  |  | <b>31 Sun</b> |   | ♀♂♂ 10:31 p<br>♂♂♂ 11:38 p   |                          |   |   | Sunrise 6:22 AM<br>Sunset 6:42 PM | Sunrise 6:21 AM<br>Sunset 6:43 PM | Sunrise 6:20 AM<br>Sunset 6:44 PM |                                   |

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| Mundane       |   | Personal   |               | Mundane                                  |   | Personal      |  | Mundane  |   | Personal  |  | Mundane                           |                                   | Personal                          |                                   |
|---------------|---|--|---------------|--|---|---------------|--|--|---|---|--|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>1 Mon</b>  | ♃ Rx 3:14 p<br>♁ Rx 8:29 p                            | ♁♃♁ 12:37 p<br>♁♂♂ 1:23 p                              | <b>2 Tue</b>  | ♃♂♀ 1:58 p<br>♁♂♂ 7:41 p                 | ♃♂♁ station<br>♁♃♀ 12:50 p<br>♁♃♂ 8:49 p<br>♀♁♁ 9:36 p<br>♀♃♂ 10:12 p | <b>3 Wed</b>  | ♁♂♂ 6:10 a<br>♀♁♀ 4:55 p<br>♀♂♂ 11:18 p  | <b>4 Thu</b>   | ♁ SDir. 3:02 p<br>♁♂♁ 3:10 p<br>♀♂ 9:00 p | ♁♃♁ 3:40 a<br>♂♁♂ 11:44 a<br>♂♃♂ 5:19 p<br>♀♂♂ 11:54 p  | Sunrise 6:18 AM<br>Sunset 6:45 PM                      | Sunrise 6:17 AM<br>Sunset 6:45 PM | Sunrise 6:16 AM<br>Sunset 6:46 PM | Sunrise 6:14 AM<br>Sunset 6:47 PM | Sunrise 6:14 AM<br>Sunset 6:47 PM |
| <b>5 Fri</b>  |   | ♁♃♁ station<br>♀♂♂ 4:08 p                              | <b>6 Sat</b>  | ♃♂♂ 12:47 a<br>♀♂♂ 10:45 a               | ♀♂♂ 2:25 a<br>♁♂♂ 7:39 p  | <b>7 Sun</b>  |  | ♀♂♂ 2:53 a<br>♁♃♁ 5:39 a<br>♀♁♁ 10:51 a<br>♂♁♂ 9:07 p<br>♃♁♂ 10:23 p | <b>8 Mon</b>                              | ♁♂♂ 12:10 a<br>♀♂♂ 1:54 a<br>♁ Rx 5:20 a<br>♁♂♂ 11:28 a | ♃♂♂ 5:27 a<br>♁♂♂ 11:38 p                              | Sunrise 6:13 AM<br>Sunset 6:47 PM | Sunrise 6:12 AM<br>Sunset 6:48 PM | Sunrise 6:11 AM<br>Sunset 6:49 PM | Sunrise 6:09 AM<br>Sunset 6:50 PM |
| <b>9 Tue</b>  | ♀♂♂ 10:20 p   |  | <b>10 Wed</b> | ♁♂♂ 9:00 a<br>♂♂♂ 1:36 p<br>♂♂♂ 4:15 p   | ♀♃♂ 3:58 a<br>♁♂♂ 3:31 p<br>♀♁♂ 5:23 p                                | <b>11 Thu</b> | ♁♂♂ 4:03 p<br>♂♂♂ 6:04 p   | <b>12 Fri</b>  |   | ♂♂♂ 5:57 a<br>♂♁♂ 7:46 a<br>♀♂♂ 10:23 p<br>♃♂♂ 11:57 p  | Sunrise 6:08 AM<br>Sunset 6:50 PM                      | Sunrise 6:07 AM<br>Sunset 6:51 PM | Sunrise 6:05 AM<br>Sunset 6:52 PM | Sunrise 6:04 AM<br>Sunset 6:53 PM | Sunrise 6:04 AM<br>Sunset 6:53 PM |
| <b>13 Sat</b> | ♃♂♂ 3:47 a<br>♂♂♂ 1:55 p                              |  | <b>14 Sun</b> | ♃♂♂ 12:38 p                              | ♁♂♂ 3:08 a<br>♁♁♂ 7:34 a  | <b>15 Mon</b> | ♃♂♂ 8:23 a<br>♁ SDir. 12:03 p  | ♀♃♂ 1:03 a<br>♀♂♂ 1:39 a<br>♂♂♂ 5:14 a<br>♂♂♂ 10:00 a<br>♀♃♂ 8:24 p  | <b>16 Tue</b>                             | ♃♂♂ 7:45 a  | ♀♃♂ 2:47 a<br>♁♃♂ station<br>♁♂♂ 7:03 p<br>♂♂♂ 10:06 p | Sunrise 6:03 AM<br>Sunset 6:53 PM | Sunrise 6:02 AM<br>Sunset 6:54 PM | Sunrise 6:01 AM<br>Sunset 6:55 PM | Sunrise 5:59 AM<br>Sunset 6:56 PM |
| <b>17 Wed</b> | ♀♂♂ 7:52 a<br>♂♂♂ 7:53 a<br>♀♂♂ 11:46 a<br>♁♂♂ 6:31 p | ♀♃♂ 3:25 a<br>♂♂♂ 7:09 a<br>♁♂♂ 7:28 p<br>♃♃♂ 9:11 p   | <b>18 Thu</b> |  | ♁♂♂ 3:32 a<br>♃♂♂ 3:05 p<br>♂♁♂ 10:11 p                               | <b>19 Fri</b> | ♃♂♀ 1:59 a<br>♁♂ 7:00 a<br>♂♂♂ 8:28 a<br>♂♂♂ 4:55 p<br>♂♂♂ 7:59 p<br>♁♂♂ 10:40 p | ♀♂♂ 6:30 a<br>♂♁♂ 9:42 a<br>♁♂♂ 10:39 a<br>♂♂♂ 12:38 p<br>♀♃♂ 2:28 p | <b>20 Sat</b>                             | ♂♂♂ 7:27 p  | ♂♂♂ 7:05 a<br>♁♂♂ 7:13 a<br>♁♂♂ 8:15 p<br>♀♂♂ 11:57 p  | Sunrise 5:58 AM<br>Sunset 6:56 PM | Sunrise 5:57 AM<br>Sunset 6:57 PM | Sunrise 5:56 AM<br>Sunset 6:58 PM | Sunrise 5:55 AM<br>Sunset 6:59 PM |
| <b>21 Sun</b> | ♁♂♂ 4:49 a<br>♁♁♂ 10:02 a                             |  | <b>22 Mon</b> | ♁ Rx 3:45 a<br>♀♂♂ 3:25 p<br>♀♂♂ 11:03 p | ♁♂♂ 3:14 a<br>♀♂♂ 7:43 a<br>♁♂♂ 1:20 p                                | <b>23 Tue</b> |  | ♂♂♂ 1:08 p   | <b>24 Wed</b>                             | ♃♂♂ 2:15 a  | ♂♂♂ 1:17 a<br>♁♃♂ 7:42 a                               | Sunrise 5:53 AM<br>Sunset 6:59 PM | Sunrise 5:52 AM<br>Sunset 7:00 PM | Sunrise 5:51 AM<br>Sunset 7:01 PM | Sunrise 5:50 AM<br>Sunset 7:02 PM |
| <b>25 Thu</b> | ♃ SDir. 5:54 a<br>♃♂♂ station                         | ♀♂♂ 2:14 a<br>♀♁♂ 5:45 a<br>♃♃♂ station                | <b>26 Fri</b> |  | ♁♁♂ 4:59 p  | <b>27 Sat</b> | ♀♂♂ 5:36 a   | ♂♂♂ 4:37 a<br>♀♂♂ 4:59 a<br>♂♃♂ 5:35 a                               | <b>28 Sun</b>                             | ♀♂♂ 6:13 a<br>♃♂♂ 3:49 p<br>♂♂♂ 9:31 p                  | ♀♂♂ 12:21 a<br>♀♁♂ 6:45 a<br>♂♂♂ 11:33 a<br>♂♂♂ 9:45 p | Sunrise 5:49 AM<br>Sunset 7:02 PM | Sunrise 5:48 AM<br>Sunset 7:03 PM | Sunrise 5:47 AM<br>Sunset 7:04 PM | Sunrise 5:46 AM<br>Sunset 7:05 PM |
| <b>29 Mon</b> | ♀♂ 4:31 a   | ♂♂♂ 3:41 a<br>♀♁♂ 7:25 a<br>♁♂♂ 12:19 p<br>♀♂♂ 11:42 p | <b>30 Tue</b> | ♂♂♂ 8:33 a<br>♀♂♂ 12:04 p<br>♁♁♂ 9:29 p  | ♀♂♂ 10:02 a<br>♂♂♂ 1:11 p   |               |  |  |   |   |  | Sunrise 5:45 AM<br>Sunset 7:05 PM | Sunrise 5:44 AM<br>Sunset 7:06 PM |                                   |                                   |

| Mundane                           |  | Personal   |                                   | Mundane   |  | Personal      |  | Mundane  |               | Personal   |  | Mundane |  | Personal |  |
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| <b>1 Wed</b>                      | Ω SDir. 4:35 a<br>♁ ♃ 10:33 a<br>♁ ♃ 3:13 p<br>♁ ♃ 6:32 p<br>♁ ♃ 11:13 p | ♁ ♃ 10:33 a<br>♁ ♃ 3:13 p<br>♁ ♃ 6:32 p<br>♁ ♃ 11:13 p | <b>2 Thu</b>                      | ♁ Rx 10:47 a<br>♁ ♃ 5:31 a<br>♁ ♃ 7:44 a<br>♁ ♃ station<br>♁ ♃ 5:20 p | ♁ ♃ 5:31 a<br>♁ ♃ 7:44 a<br>♁ ♃ station<br>♁ ♃ 5:20 p  | <b>3 Fri</b>  | ♁ ♃ 2:06 a<br>♁ ♃ 4:50 p<br>♁ ♃ 4:03 a<br>♁ ♃ 11:00 p              | ♁ ♃ 4:03 a<br>♁ ♃ 11:00 p  | <b>4 Sat</b>  | ♁ ♃ 11:47 a  | ♁ ♃ 11:47 a  |         |  |          |  |
| Sunrise 5:43 AM<br>Sunset 7:07 PM |  |  | Sunrise 5:42 AM<br>Sunset 7:08 PM |   | Sunrise 5:41 AM<br>Sunset 7:08 PM                      |               | Sunrise 5:40 AM<br>Sunset 7:09 PM                                  |  |               |  |  |         |  |          |  |
| <b>5 Sun</b>                      | ♁ ♃ 3:21 a<br>♁ Rx 2:54 p  | ♁ ♃ 12:40 a<br>♁ ♃ 1:18 a<br>♁ ♃ 8:31 a                | <b>6 Mon</b>                      | ♁ ♃ 4:48 a<br>♁ ♃ 7:26 p<br>♁ ♃ 10:42 p                               | ♁ ♃ 6:42 a   | <b>7 Tue</b>  | ♁ ♃ 6:26 a<br>♁ ♃ 9:46 a   | ♁ ♃ 6:26 a<br>♁ ♃ 9:46 a   | <b>8 Wed</b>  | ♁ ♃ 9:16 p<br>♁ ♃ 8:34 p   | ♁ ♃ 8:34 p   |         |  |          |  |
| Sunrise 5:39 AM<br>Sunset 7:10 PM |  |  | Sunrise 5:38 AM<br>Sunset 7:11 PM |   | Sunrise 5:37 AM<br>Sunset 7:11 PM                      |               | Sunrise 5:36 AM<br>Sunset 7:12 PM                                  |  |               |  |  |         |  |          |  |
| <b>9 Thu</b>                      |  | ♁ ♃ 9:51 a<br>♁ ♃ 6:11 p<br>♁ ♃ 6:44 p                 | <b>10 Fri</b>                     | ♁ ♃ 5:22 p<br>♁ ♃ 5:27 p  | ♁ ♃ 8:23 a   | <b>11 Sat</b> | ♁ ♃ 4:42 a<br>♁ ♃ 9:50 a   | ♁ ♃ 12:08 a<br>♁ ♃ 4:18 a<br>♁ ♃ 11:16 a                             | <b>12 Sun</b> | ♁ ♃ 9:00 p<br>♁ ♃ 2:22 p   | ♁ ♃ 2:22 p   |         |  |          |  |
| Sunrise 5:36 AM<br>Sunset 7:13 PM |  |  | Sunrise 5:35 AM<br>Sunset 7:14 PM |   | Sunrise 5:34 AM<br>Sunset 7:14 PM                      |               | Sunrise 5:33 AM<br>Sunset 7:15 PM                                  |  |               |  |  |         |  |          |  |
| <b>13 Mon</b>                     | ♁ ♃ 2:13 a<br>♁ ♃ 12:45 p  | ♁ ♃ 7:43 a<br>♁ ♃ 9:10 a                               | <b>14 Tue</b>                     | ♁ ♃ 8:45 p  | ♁ ♃ 5:33 a<br>♁ ♃ 12:08 p                              | <b>15 Wed</b> | ♁ SDir. 4:38 a<br>♁ ♃ 10:05 a                                      | ♁ ♃ 4:44 a<br>♁ ♃ 7:45 a<br>♁ ♃ 8:28 a<br>♁ ♃ station<br>♁ ♃ 12:57 p | <b>16 Thu</b> | ♁ ♃ 4:43 p<br>♁ ♃ 4:52 a<br>♁ ♃ 6:56 a<br>♁ ♃ 2:46 p<br>♁ ♃ 4:19 p<br>♁ ♃ 5:44 p<br>♁ ♃ 6:43 p | ♁ ♃ 4:52 a<br>♁ ♃ 6:56 a<br>♁ ♃ 2:46 p<br>♁ ♃ 4:19 p<br>♁ ♃ 5:44 p<br>♁ ♃ 6:43 p |         |  |          |  |
| Sunrise 5:32 AM<br>Sunset 7:16 PM |  |  | Sunrise 5:32 AM<br>Sunset 7:17 PM |   | Sunrise 5:31 AM<br>Sunset 7:17 PM                      |               | Sunrise 5:30 AM<br>Sunset 7:18 PM                                  |  |               |  |  |         |  |          |  |
| <b>17 Fri</b>                     | ♁ ♃ 12:44 a<br>♁ ♃ 9:00 a<br>♁ ♃ 5:00 p                                  | ♁ ♃ 1:48 p<br>♁ ♃ 5:08 p<br>♁ ♃ 9:09 p                 | <b>18 Sat</b>                     | ♁ ♃ 4:40 a<br>♁ ♃ 11:45 a   | ♁ ♃ 1:06 a<br>♁ ♃ 11:28 a<br>♁ ♃ 5:55 p                | <b>19 Sun</b> | ♁ Rx 9:36 a<br>♁ ♃ 3:45 p<br>♁ ♃ 8:59 p                            | ♁ ♃ 2:07 a<br>♁ ♃ 3:16 a<br>♁ ♃ station<br>♁ ♃ 12:57 p<br>♁ ♃ 2:31 p | <b>20 Mon</b> | ♁ ♃ 4:27 a<br>♁ ♃ 5:59 a<br>♁ ♃ 3:29 a<br>♁ ♃ 9:42 a<br>♁ ♃ 6:17 p<br>♁ ♃ 10:21 p              | ♁ ♃ 3:29 a<br>♁ ♃ 9:42 a<br>♁ ♃ 6:17 p<br>♁ ♃ 10:21 p                            |         |  |          |  |
| Sunrise 5:30 AM<br>Sunset 7:19 PM |  |  | Sunrise 5:29 AM<br>Sunset 7:19 PM |   | Sunrise 5:29 AM<br>Sunset 7:20 PM                      |               | Sunrise 5:28 AM<br>Sunset 7:21 PM                                  |  |               |  |  |         |  |          |  |
| <b>21 Tue</b>                     | ♁ ♃ 9:00 a   | ♁ ♃ 6:34 a<br>♁ ♃ 1:51 p<br>♁ ♃ 7:48 p                 | <b>22 Wed</b>                     | ♁ ♃ 8:13 a  | ♁ ♃ 9:16 a<br>♁ ♃ 2:01 p<br>♁ ♃ 3:41 p                 | <b>23 Thu</b> | ♁ ♃ 1:29 a<br>♁ ♃ 3:50 a<br>♁ ♃ 7:46 a<br>♁ ♃ 1:30 p<br>♁ ♃ 2:44 p | ♁ ♃ 3:14 a<br>♁ ♃ 1:29 p<br>♁ ♃ 2:36 p<br>♁ ♃ 4:25 p                 | <b>24 Fri</b> | ♁ ♃ 12:53 a<br>♁ ♃ 9:23 a<br>♁ ♃ 3:35 a<br>♁ ♃ 6:28 a<br>♁ ♃ 8:44 a<br>♁ ♃ 7:05 p              | ♁ ♃ 3:35 a<br>♁ ♃ 6:28 a<br>♁ ♃ 8:44 a<br>♁ ♃ 7:05 p                             |         |  |          |  |
| Sunrise 5:27 AM<br>Sunset 7:21 PM |  |  | Sunrise 5:27 AM<br>Sunset 7:22 PM |   | Sunrise 5:26 AM<br>Sunset 7:23 PM                      |               | Sunrise 5:26 AM<br>Sunset 7:23 PM                                  |  |               |  |  |         |  |          |  |
| <b>25 Sat</b>                     | ♁ ♃ 4:16 a<br>♁ ♃ 9:36 a<br>♁ ♃ 11:31 a<br>♁ ♃ 4:15 p                    | ♁ ♃ 7:40 p   | <b>26 Sun</b>                     |   | ♁ ♃ 3:40 a<br>♁ ♃ 7:27 a<br>♁ ♃ 10:13 a<br>♁ ♃ 3:46 p  | <b>27 Mon</b> | ♁ ♃ 2:55 p<br>♁ ♃ 8:22 p   | ♁ ♃ 6:31 p   | <b>28 Tue</b> | ♁ ♃ 2:10 p<br>♁ ♃ 2:51 p   | ♁ ♃ 2:10 p<br>♁ ♃ 2:51 p   |         |  |          |  |
| Sunrise 5:25 AM<br>Sunset 7:24 PM |  |  | Sunrise 5:25 AM<br>Sunset 7:25 PM |   | Sunrise 5:25 AM<br>Sunset 7:25 PM                      |               | Sunrise 5:25 AM<br>Sunset 7:25 PM                                  |  |               |  |  |         |  |          |  |
| <b>29 Wed</b>                     | ♁ ♃ 8:05 a<br>♁ ♃ 9:19 a<br>♁ ♃ 10:08 a<br>♁ ♃ 9:25 p                    | ♁ ♃ 10:35 a<br>♁ ♃ 12:49 p<br>♁ ♃ 8:55 p               | <b>30 Thu</b>                     | ♁ ♃ 4:53 a<br>♁ SDir. 10:19 a<br>♁ ♃ 10:54 p                          | ♁ ♃ station<br>♁ ♃ station<br>♁ ♃ 2:45 p<br>♁ ♃ 7:17 p | <b>31 Fri</b> | ♁ ♃ 11:49 a<br>♁ ♃ 3:50 p<br>♁ ♃ 7:22 p                            | ♁ ♃ 11:49 a<br>♁ ♃ 3:50 p<br>♁ ♃ 7:22 p                              |               |  |  |         |  |          |  |
| Sunrise 5:24 AM<br>Sunset 7:27 PM |  |  | Sunrise 5:24 AM<br>Sunset 7:27 PM |   | Sunrise 5:23 AM<br>Sunset 7:28 PM                      |               | Sunrise 5:23 AM<br>Sunset 7:28 PM                                  |  |               |  |  |         |  |          |  |

| Mundane      |                          | Personal                 |              | Mundane                                 |   | Personal     |  | Mundane                                 |              | Personal                 |  | Mundane      |  | Personal                               |              |  |   |              |  |   |              |                                       |                          |              |                          |                          |               |             |  |               |   |            |               |   |  |               |                                |   |               |  |   |               |  |   |               |                           |  |               |  |   |               |            |   |               |            |   |               |                          |   |               |                           |                          |               |  |  |               |  |  |               |            |                          |               |             |  |               |                           |  |               |  |   |               |   |   |               |   |   |               |            |                           |
|--------------|--------------------------|--------------------------|--------------|---|---|--------------|--|---|--------------|--------------------------|--|--------------|--|--|--------------|--|---|--------------|--|---|--------------|---------------------------------------|--------------------------|--------------|--------------------------|--------------------------|---------------|-------------|--|---------------|---|------------|---------------|---|--|---------------|--------------------------------|---|---------------|--|---|---------------|--|---|---------------|---------------------------|--|---------------|--|---|---------------|------------|---|---------------|------------|---|---------------|--------------------------|---|---------------|---------------------------|--------------------------|---------------|--|--|---------------|--|--|---------------|------------|--------------------------|---------------|-------------|--|---------------|---------------------------|--|---------------|--|---|---------------|---|---|---------------|---|---|---------------|------------|---------------------------|
| <b>1 Sat</b> | ♂♃ 3:07 a<br>♁ Rx 8:09 p | ♃♁♂ 3:16 a<br>♃♂♁ 6:29 p | <b>2 Sun</b> | ♃♁♂ 12:54 p<br>♃♁♂ 5:12 p<br>♃♂♂ 8:57 p | ♂♁♂ 3:18 a<br>♃♂♂ 6:51 a<br>♁♂♂ 8:47 a<br>♂♁♂ 9:06 a<br>♃♁♂ 10:54 a<br>♂♁♂ 7:20 p | <b>3 Mon</b> | ♃♂ 12:36 a<br>♁♂♂ 7:50 p<br>♂♂♂ 10:29 p<br>♃♁♂ 11:12 p | ♃♁♂ 2:25 a<br>♃♂♂ 12:34 p<br>♃♁♂ 6:58 p | <b>4 Tue</b> | ♃♂♂ 3:23 a<br>♁♂♂ 8:33 a | ♃♂♂ 10:03 a<br>♃♂♂ 2:55 p<br>♁♂♂ 11:13 p | <b>5 Wed</b> |  | ♀♁♂ 1:36 p<br>♂♂♂ 2:56 p<br>♁♂♂ 9:51 p | <b>6 Thu</b> | ♀♂♂ 6:11 a<br>♃♁♂ 5:27 p<br>♁♂♂ 6:56 p | ♃♂♂ 1:01 p<br>♃♂♂ 2:11 p<br>♂♂♂ 10:57 p | <b>7 Fri</b> |  | ♁♂♂ 3:03 a<br>♂♂♂ 9:31 a<br>♃♂♂ 9:20 p<br>♃♁♂ 11:23 p | <b>8 Sat</b> | ♀♁♂ 1:25 a<br>♂♂♂ 2:33 p<br>♂♂ 9:35 p | ♃♂♂ 7:28 a<br>♀♁♂ 6:08 p | <b>9 Sun</b> | ♁♂♂ 3:36 a<br>♃♂♂ 9:28 a | ♂♂♂ 2:23 a<br>♃♂♂ 3:00 a | <b>10 Mon</b> | ♃♁♂ 10:32 p | ♁♂♂ 12:08 a<br>♀♂♂ 2:01 a<br>♂♂♂ 5:25 a<br>♀♁♂ 3:29 p<br>♃♁♂ 4:42 p<br>♂♂♂ 10:34 p | <b>11 Tue</b> | ♀♂♂ 12:12 a<br>♀♂♂ 1:14 a<br>♂♂♂ 6:21 a | ♁♂♂ 5:06 p | <b>12 Wed</b> | ♃♁♂ 3:47 a<br>♀♂♂ 6:24 p<br>♁♂♂ 11:24 p | ♁♂♂ 10:26 a<br>♃♁♂ 11:43 a<br>♂♂♂ 3:23 p | <b>13 Thu</b> | ♃♂♂ 7:02 p<br>♁♂ SDIr. 10:07 p | ♀♂♂ 12:17 a<br>♂♂♂ 4:41 a<br>♂♂♂ 5:33 a<br>♃♁♂ 1:05 p | <b>14 Fri</b> | ♁♂♂ 9:32 a<br>♂♂♂ 3:10 p<br>♃♂♂ 6:40 p | ♁♂♂ station<br>♁♂♂ station<br>♃♂♂ 8:48 p<br>♀♂♂ 11:39 p | <b>15 Sat</b> | ♁♂♂ 7:16 a<br>♂♂♂ 9:37 a<br>♁♂ Rx 1:20 p | ♀♂♂ 12:16 a<br>♂♂♂ 11:29 a<br>♂♂♂ 12:39 p<br>♀♂♂ 7:05 p<br>♃♂♂ 11:19 p<br>♃♂♂ 11:39 p | <b>16 Sun</b> | ♀♂♂ 8:46 p<br>♀♂♂ 11:20 p | ♀♂♂ 1:30 a<br>♂♂♂ 10:13 a<br>♁♂♂ station<br>♀♂♂ 1:49 p | <b>17 Mon</b> | ♃♂♂ 12:41 a<br>♃♂ 2:07 a<br>♃♂♂ 5:42 a<br>♃♂♂ 8:13 p | ♀♂♂ 2:15 a<br>♃♂♂ 3:45 a<br>♃♂♂ 12:59 p<br>♀♂♂ 6:35 p<br>♃♂♂ 6:50 p | <b>18 Tue</b> | ♀♂♂ 7:12 a | ♁♂♂ 12:27 a<br>♁♂♂ 1:14 a<br>♀♂♂ 4:56 a<br>♃♂♂ 8:48 a<br>♃♂♂ 1:21 p<br>♂♂♂ 1:28 p<br>♂♂♂ 4:30 p | <b>19 Wed</b> | ♃♂♂ 6:40 p | ♁♂♂ 1:28 a<br>♀♂♂ 5:32 a<br>♁♂♂ 9:44 a<br>♀♂♂ 1:32 p<br>♁♂♂ 5:54 p<br>♁♂♂ 10:46 p | <b>20 Thu</b> | ♁♂♂ 11:12 a<br>♁♂ 1:51 p | ♀♂♂ 2:58 a<br>♃♂♂ 10:47 a<br>♁♂♂ 5:36 p | <b>21 Fri</b> | ♃♂♂ 9:22 a<br>♃♁♂ 10:02 p | ♁♂♂ 2:38 p<br>♃♂♂ 5:59 p | <b>22 Sat</b> | ♀♂♂ 2:56 a<br>♁♂♂ 5:00 a<br>♃♂♂ 6:13 p | ♁♂♂ 3:58 a<br>♀♂♂ 7:02 a<br>♂♂♂ 9:59 a<br>♀♂♂ 8:30 p | <b>23 Sun</b> |  | ♃♂♂ 12:20 a<br>♃♂♂ 12:42 a<br>♁♂♂ 11:39 a<br>♃♂♂ 12:04 p<br>♃♁♂ 3:57 p<br>♁♂♂ 9:58 p | <b>24 Mon</b> | ♂♂♂ 7:34 p | ♂♂♂ 6:58 a<br>♃♁♂ 7:03 a | <b>25 Tue</b> | ♀♂♂ 12:01 p | ♀♂♂ 1:46 a<br>♃♁♂ 2:51 p<br>♃♂♂ 7:53 p | <b>26 Wed</b> | ♀♂♂ 9:07 a<br>♃♂♂ 11:09 a | ♂♂♂ 1:01 a<br>♃♂♂ 4:12 a<br>♃♂♂ 5:11 p | <b>27 Thu</b> |  | ♀♂♂ 4:42 a<br>♀♂♂ 5:18 a<br>♁♂♂ 10:20 a<br>♃♂♂ 1:43 p | <b>28 Fri</b> | ♃♁♂ 4:05 a<br>♃♂♂ 10:58 a<br>♁♂♂ 5:54 p<br>♀♂♂ 9:49 p | ♀♂♂ 12:07 a<br>♁♂♂ 3:42 a<br>♀♂♂ 6:32 a | <b>29 Sat</b> | ♂♂♂ 6:38 a<br>♂♂ Rx 12:06 p<br>♃♂♂ 7:19 p | ♀♂♂ 7:17 a<br>♃♁♂ 9:46 a<br>♃♂♂ 12:08 p | <b>30 Sun</b> | ♃♁♂ 9:13 p | ♂♂♂ station<br>♃♂♂ 8:26 p |

**Joe Biden** November 20, 1942, 8:30 AM, Scranton, Pennsylvania

**July, 2024**

| Mundane                           |   | Personal  |               | Mundane  |  | Personal                          |  | Mundane  |               | Personal                          |   | Mundane                           |  | Personal                          |   |                                   |              |                                   |   |              |  |                           |              |  |   |
|-----------------------------------|---|---|---------------|--|--|-----------------------------------|--|--|---------------|-----------------------------------|---|-----------------------------------|--|-----------------------------------|---|-----------------------------------|--------------|-----------------------------------|---|--------------|--|---------------------------|--------------|--|---|
| <b>1 Mon</b>                      | ☉ ♄ 8:58 p  | ☉ ♃ 12:20 a<br>♃ ♀ 9:56 a<br>♀ ♄ 10:33 a<br>♁ ♃ 11:27 a<br>♃ ♃ 2:25 p<br>♀ ♃ 6:33 p | <b>2 Tue</b>  | ♃ Rx 3:40 a<br>♃ ♄ 4:53 a<br>♃ ♃ 5:50 a<br>☉ ♃ 11:26 a<br>♀ ♄ 6:41 p | ♃ ♃ 7:54 a<br>♃ ♃ station<br>♃ ♃ 7:35 p  | <b>3 Wed</b>                      | ♃ ♃ 12:27 a  | ♃ ♃ 3:03 a<br>♀ ♃ 4:09 a<br>☉ ♃ 5:55 p<br>☉ ♃ 6:42 p<br>♃ ♃ 8:59 p | <b>4 Thu</b>  | ♃ ♃ 8:38 p                        | ♃ ♃ 2:53 a<br>♀ ♃ 12:01 p<br>☉ ♃ 6:57 p               | MOZMOMZ1                          |  | <b>5 Fri</b>                      | ♃ ♃ 12:45 a<br>♃ ♃ 12:02 p<br>♀ ♃ 11:33 p | ☉ ♃ 3:12 a<br>♃ ♃ 3:59 a          | <b>6 Sat</b> | ♀ ♃ 10:56 p                       | ♁ ♃ 5:03 a<br>☉ ♃ 11:05 a<br>♃ ♃ 2:50 p | <b>7 Sun</b> |  | ♀ ♃ 6:45 a<br>♀ ♃ 10:17 a | <b>8 Mon</b> | ♀ ♃ 4:04 a<br>♃ ♃ 7:26 a<br>♃ ♃ 1:46 p | ♃ ♃ 9:16 a<br>♁ ♃ 12:07 p<br>♃ ♃ 8:43 p |
| Sunrise 5:26 AM<br>Sunset 7:37 PM |   | Sunrise 5:27 AM<br>Sunset 7:37 PM   |               | Sunrise 5:27 AM<br>Sunset 7:37 PM                                    |  | Sunrise 5:29 AM<br>Sunset 7:36 PM |  | Sunrise 5:30 AM<br>Sunset 7:36 PM                                  |               | Sunrise 5:32 AM<br>Sunset 7:35 PM |   |                                   |  | Sunrise 5:28 AM<br>Sunset 7:37 PM |   | Sunrise 5:30 AM<br>Sunset 7:36 PM |              |                                   |   |              |  |                           |              |  |   |
| <b>9 Tue</b>                      | ♃ ♃ 3:03 p  | ☉ ♃ 5:08 a<br>♀ ♃ 9:39 a<br>☉ ♃ 3:27 p<br>♃ ♃ 5:35 p                                | <b>10 Wed</b> | ☉ ♃ 8:04 p   | ♃ ♃ 4:07 a<br>♀ ♃ 5:04 a<br>♀ ♃ 11:29 a  | <b>11 Thu</b>                     | ♁ ♃ 4:28 a<br>♀ ♃ 7:32 a<br>♀ ♃ 9:19 a<br>♃ ♃ 7:25 p | ☉ ♃ 10:44 a<br>♀ ♃ 12:13 p   | <b>12 Fri</b> | ♀ ♃ 7:12 a<br>♁ SDir. 3:24 p      | ♀ ♃ 4:33 a<br>♀ ♃ 2:54 p<br>♃ ♃ 11:47 p               | Sunrise 5:30 AM<br>Sunset 7:36 PM |  | Sunrise 5:31 AM<br>Sunset 7:35 PM |   | Sunrise 5:31 AM<br>Sunset 7:35 PM |              | Sunrise 5:32 AM<br>Sunset 7:35 PM |   |              |  |                           |              |  |   |
| Sunrise 5:32 AM<br>Sunset 7:34 PM |   | Sunrise 5:33 AM<br>Sunset 7:34 PM   |               | Sunrise 5:34 AM<br>Sunset 7:34 PM                                    |  | Sunrise 5:34 AM<br>Sunset 7:34 PM |  | Sunrise 5:34 AM<br>Sunset 7:33 PM                                  |               | Sunrise 5:34 AM<br>Sunset 7:31 PM |   | Sunrise 5:35 AM<br>Sunset 7:33 PM |  | Sunrise 5:35 AM<br>Sunset 7:32 PM |   | Sunrise 5:36 AM<br>Sunset 7:32 PM |              | Sunrise 5:37 AM<br>Sunset 7:31 PM |   |              |  |                           |              |  |   |
| <b>13 Sat</b>                     | ♁ ♃ 9:49 a<br>♁ Rx 3:43 p                                 | ☉ ♃ 3:48 a<br>♁ ♃ station<br>♁ ♃ 2:22 p<br>♀ ♃ 3:29 p<br>♀ ♃ 11:30 p                | <b>14 Sun</b> | ♀ ♃ 8:00 p   | ☉ ♃ 7:00 a<br>♃ ♃ 4:57 p<br>☉ ♃ 8:54 p   | <b>15 Mon</b>                     | ♃ ♃ 1:56 a<br>☉ ♃ 4:44 a<br>♁ ♃ 7:05 a               | ♀ ♃ 9:05 a<br>♁ ♃ station<br>♃ ♃ 2:58 p                            | <b>16 Tue</b> |                                   | ☉ ♃ 5:47 p<br>☉ ♃ 10:20 p<br>♃ ♃ 11:27 p              | Sunrise 5:32 AM<br>Sunset 7:34 PM |  | Sunrise 5:33 AM<br>Sunset 7:34 PM |   | Sunrise 5:34 AM<br>Sunset 7:32 PM |              | Sunrise 5:34 AM<br>Sunset 7:33 PM |   |              |  |                           |              |  |   |
| Sunrise 5:35 AM<br>Sunset 7:33 PM |   | Sunrise 5:35 AM<br>Sunset 7:32 PM   |               | Sunrise 5:36 AM<br>Sunset 7:32 PM                                    |  | Sunrise 5:36 AM<br>Sunset 7:32 PM |  | Sunrise 5:37 AM<br>Sunset 7:31 PM                                  |               | Sunrise 5:37 AM<br>Sunset 7:31 PM |   | Sunrise 5:37 AM<br>Sunset 7:31 PM |  | Sunrise 5:37 AM<br>Sunset 7:31 PM |   | Sunrise 5:37 AM<br>Sunset 7:31 PM |              | Sunrise 5:37 AM<br>Sunset 7:31 PM |   |              |  |                           |              |  |   |
| <b>17 Wed</b>                     |   | ♁ ♃ 1:29 a<br>♀ ♃ 6:27 a  | <b>18 Thu</b> | ☉ ♃ 7:00 a<br>♃ ♃ 4:57 p<br>☉ ♃ 8:54 p                               | ♀ ♃ 2:05 a<br>♁ ♃ 11:44 a<br>♁ ♃ 11:04 p | <b>19 Fri</b>                     | ♀ ♃ 3:56 a<br>♃ ♃ 2:25 p                             | ☉ ♃ 11:21 a<br>♀ ♃ 11:43 a   | <b>20 Sat</b> | ♁ ♃ 8:17 a<br>♁ II 1:43 p         | ♃ ♃ 5:26 a<br>☉ ♃ 12:22 p<br>♁ ♃ 6:53 p<br>☉ ♃ 8:38 p | Sunrise 5:35 AM<br>Sunset 7:33 PM |  | Sunrise 5:35 AM<br>Sunset 7:32 PM |   | Sunrise 5:36 AM<br>Sunset 7:32 PM |              | Sunrise 5:37 AM<br>Sunset 7:31 PM |   |              |  |                           |              |  |   |
| Sunrise 5:37 AM<br>Sunset 7:30 PM |   | Sunrise 5:38 AM<br>Sunset 7:30 PM   |               | Sunrise 5:39 AM<br>Sunset 7:29 PM                                    |  | Sunrise 5:39 AM<br>Sunset 7:29 PM |  | Sunrise 5:39 AM<br>Sunset 7:29 PM                                  |               | Sunrise 5:39 AM<br>Sunset 7:29 PM |   | Sunrise 5:40 AM<br>Sunset 7:28 PM |  | Sunrise 5:41 AM<br>Sunset 7:27 PM |   | Sunrise 5:41 AM<br>Sunset 7:26 PM |              | Sunrise 5:42 AM<br>Sunset 7:26 PM |   |              |  |                           |              |  |   |
| <b>21 Sun</b>                     | ♀ ♃ 1:43 p<br>♃ ♃ 3:21 p<br>☉ ♃ 8:25 p<br>♁ ♃ 8:47 p      | ♀ ♃ 3:14 p<br>♃ ♃ 11:23 p<br>♁ ♃ 11:53 p  | <b>22 Mon</b> | ☉ ♃ 12:44 a<br>☉ ♃ 10:37 p   | ☉ ♃ 4:29 a<br>♀ ♃ 5:16 p<br>♁ ♃ 6:19 p   | <b>23 Tue</b>                     | ♀ ♃ 10:37 a  | ☉ ♃ 1:30 a<br>☉ ♃ 2:50 p<br>♃ ♃ 8:21 p                             | <b>24 Wed</b> |                                   | ♃ ♃ 5:44 a<br>♁ ♃ 2:13 p<br>♀ ♃ 7:55 p<br>☉ ♃ 10:29 p | Sunrise 5:37 AM<br>Sunset 7:30 PM |  | Sunrise 5:38 AM<br>Sunset 7:30 PM |   | Sunrise 5:39 AM<br>Sunset 7:29 PM |              | Sunrise 5:39 AM<br>Sunset 7:29 PM |   |              |  |                           |              |  |   |
| Sunrise 5:37 AM<br>Sunset 7:30 PM |   | Sunrise 5:38 AM<br>Sunset 7:30 PM   |               | Sunrise 5:39 AM<br>Sunset 7:29 PM                                    |  | Sunrise 5:39 AM<br>Sunset 7:29 PM |  | Sunrise 5:39 AM<br>Sunset 7:29 PM                                  |               | Sunrise 5:39 AM<br>Sunset 7:29 PM |   | Sunrise 5:40 AM<br>Sunset 7:28 PM |  | Sunrise 5:41 AM<br>Sunset 7:27 PM |   | Sunrise 5:41 AM<br>Sunset 7:26 PM |              | Sunrise 5:42 AM<br>Sunset 7:26 PM |   |              |  |                           |              |  |   |
| <b>25 Thu</b>                     | ♃ ♃ 9:00 a<br>♃ ♃ 3:42 p<br>☉ ♃ 7:32 p<br>♁ SDir. 10:31 p | ♁ ♃ 4:33 a<br>☉ ♃ 8:47 a<br>♃ ♃ 8:30 p  | <b>26 Fri</b> | ☉ ♃ 1:40 a<br>♃ ♃ 6:59 a<br>♀ ♃ 5:07 p<br>♃ ♃ 5:49 p                 |  | <b>27 Sat</b>                     | ♁ Rx 8:01 p  | ♃ ♃ 1:05 a<br>☉ ♃ 3:59 a<br>♀ ♃ 2:08 p<br>♃ ♃ 8:59 p               | <b>28 Sun</b> |                                   | ♀ ♃ 10:01 p   | Sunrise 5:37 AM<br>Sunset 7:31 PM |  | Sunrise 5:38 AM<br>Sunset 7:30 PM |   | Sunrise 5:39 AM<br>Sunset 7:29 PM |              | Sunrise 5:39 AM<br>Sunset 7:29 PM |   |              |  |                           |              |  |   |
| Sunrise 5:40 AM<br>Sunset 7:28 PM |   | Sunrise 5:41 AM<br>Sunset 7:27 PM   |               | Sunrise 5:41 AM<br>Sunset 7:26 PM                                    |  | Sunrise 5:41 AM<br>Sunset 7:26 PM |  | Sunrise 5:41 AM<br>Sunset 7:26 PM                                  |               | Sunrise 5:42 AM<br>Sunset 7:26 PM |   | Sunrise 5:42 AM<br>Sunset 7:26 PM |  | Sunrise 5:42 AM<br>Sunset 7:26 PM |   | Sunrise 5:42 AM<br>Sunset 7:26 PM |              | Sunrise 5:42 AM<br>Sunset 7:26 PM |   |              |  |                           |              |  |   |
| <b>29 Mon</b>                     |   | ☉ ♃ 2:17 p  | <b>30 Tue</b> | ♀ ♃ 12:54 p<br>♀ ♃ 3:59 p  | ♀ ♃ 5:31 a                               | <b>31 Wed</b>                     | ☉ ♃ 1:48 a   | ♁ ♃ 2:54 a<br>♀ ♃ 5:04 a<br>♀ ♃ 8:18 p                             |               |                                   |   | Sunrise 5:43 AM<br>Sunset 7:25 PM |  | Sunrise 5:43 AM<br>Sunset 7:24 PM |   | Sunrise 5:44 AM<br>Sunset 7:23 PM |              |                                   |   |              |  |                           |              |  |   |
| Sunrise 5:43 AM<br>Sunset 7:25 PM |   | Sunrise 5:43 AM<br>Sunset 7:24 PM   |               | Sunrise 5:44 AM<br>Sunset 7:23 PM                                    |  | Sunrise 5:44 AM<br>Sunset 7:23 PM |  |  |               |                                   |   | Sunrise 5:43 AM<br>Sunset 7:25 PM |  | Sunrise 5:43 AM<br>Sunset 7:24 PM |   | Sunrise 5:44 AM<br>Sunset 7:23 PM |              |                                   |   |              |  |                           |              |  |   |

Mountain Standard Time Sunrise and Sunset Times are for Scottsdale, Arizona

**Joe Biden** November 20, 1942, 8:30 AM, Scranton, Pennsylvania

**August, 2024**

| Mundane       |   | Personal   |               | Mundane   |  | Personal      |  | Mundane  |  | Personal   |                                   | Mundane                           |                                   | Personal                          |                                   |
|---------------|---|--|---------------|---|--|---------------|--|--|--|--|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>1 Thu</b>  | ♂♂♂ 8:18 p  | ♂♂♂ 10:41 a  | <b>2 Fri</b>  | ♂♂♂ 12:43 a<br>♀♂♂ 6:26 a                                   | ♀♂♂ 7:41 p   | <b>3 Sat</b>  | ♀♂♂ 3:07 p<br>♀♂♂ 9:32 p                             | <b>4 Sun</b>   | ♀♂♂ 12:23 p<br>♀♂♂ 7:23 p<br>♂♂♂ Rx 9:56 p | ♂♂♂ 4:06 a<br>♂♂♂ 4:48 a<br>♂♂♂ 10:35 a<br>♀♂♂ 10:17 p | Sunrise 5:45 AM<br>Sunset 7:23 PM | Sunrise 5:45 AM<br>Sunset 7:22 PM | Sunrise 5:46 AM<br>Sunset 7:21 PM | Sunrise 5:47 AM<br>Sunset 7:20 PM |                                   |
| <b>5 Mon</b>  | ♀♂♂ 6:17 a  | ♀♂♂ 2:38 p   | <b>6 Tue</b>  | ♂♂♂ 7:26 a  | ♀♂♂ 12:59 a  | <b>7 Wed</b>  | ♂♂♂ 3:27 a<br>♂♂♂ 6:36 a<br>♂♂♂ 8:12 p               | ♀♂♂ 1:35 a<br>♀♂♂ 9:36 a                               | <b>8 Thu</b>                               | ♂♂♂ SDir. 6:05 p                                       | ♂♂♂ 3:07 a<br>♂♂♂ 7:05 a          | Sunrise 5:48 AM<br>Sunset 7:19 PM | Sunrise 5:48 AM<br>Sunset 7:18 PM | Sunrise 5:49 AM<br>Sunset 7:17 PM | Sunrise 5:50 AM<br>Sunset 7:16 PM |
| <b>9 Fri</b>  | ♂♂♂ 10:26 p   | ♂♂♂ 11:26 a<br>♂♂♂ station<br>♂♂♂ 11:45 p            | <b>10 Sat</b> | ♂♂♂ 9:38 a<br>♀♂♂ 4:37 p                                    | ♀♂♂ 7:52 p   | <b>11 Sun</b> | ♀♂♂ 1:42 a<br>♀♂♂ 3:55 p                             | ♂♂♂ 7:52 p   | <b>12 Mon</b>                              | ♂♂♂ Rx 8:10 a<br>♂♂♂ 9:26 a                            | ♀♂♂ 2:41 p<br>♀♂♂ 9:56 p          | Sunrise 5:50 AM<br>Sunset 7:15 PM | Sunrise 5:51 AM<br>Sunset 7:14 PM | Sunrise 5:52 AM<br>Sunset 7:13 PM | Sunrise 5:52 AM<br>Sunset 7:12 PM |
| <b>13 Tue</b> | ♀♂♂ 1:28 a<br>♂♂♂ 6:58 a<br>♂♂♂ 9:25 a<br>♂♂♂ 12:40 p | ♂♂♂ 6:03 a<br>♂♂♂ 8:21 a<br>♂♂♂ 4:03 p<br>♂♂♂ 5:15 p | <b>14 Wed</b> | ♂♂♂ 6:03 a<br>♂♂♂ 8:21 a<br>♂♂♂ 4:03 p<br>♂♂♂ 5:15 p        | ♀♂♂ 1:31 a   | <b>15 Thu</b> | ♂♂♂ 10:12 a<br>♂♂♂ 10:18 a<br>♂♂♂ 10:30 p            | ♀♂♂ 1:31 a   | <b>16 Fri</b>                              | ♂♂♂ station  | ♂♂♂ 2:30 a<br>♀♂♂ 11:55 a         | Sunrise 5:53 AM<br>Sunset 7:11 PM | Sunrise 5:54 AM<br>Sunset 7:10 PM | Sunrise 5:55 AM<br>Sunset 7:09 PM | Sunrise 5:55 AM<br>Sunset 7:08 PM |
| <b>17 Sat</b> | ♀♂♂ 6:24 a  | ♂♂♂ 6:32 a<br>♂♂♂ 3:56 p<br>♀♂♂ 7:56 p               | <b>18 Sun</b> | ♂♂♂ 2:46 a<br>♂♂♂ 6:58 p<br>♀♂♂ 10:53 p                     | ♂♂♂ 8:19 a<br>♂♂♂ 7:04 p   | <b>19 Mon</b> | ♀♂♂ 1:29 a<br>♂♂♂ 9:45 a<br>♂♂♂ 2:46 p               | ♂♂♂ 8:19 a<br>♂♂♂ 7:04 p                               | <b>20 Tue</b>                              | ♀♂♂ 1:03 p<br>♂♂♂ 7:52 p                               | Sunrise 5:56 AM<br>Sunset 7:07 PM | Sunrise 5:57 AM<br>Sunset 7:05 PM | Sunrise 5:57 AM<br>Sunset 7:04 PM | Sunrise 5:58 AM<br>Sunset 7:03 PM |                                   |
| <b>21 Wed</b> | ♂♂♂ 2:29 p  | ♀♂♂ 12:38 a<br>♂♂♂ 4:03 a<br>♂♂♂ 9:40 p              | <b>22 Thu</b> | ♂♂♂ SDir. 3:26 a<br>♂♂♂ 7:55 a<br>♂♂♂ 12:34 p<br>♀♂♂ 8:20 p | ♀♂♂ 8:35 a<br>♂♂♂ 11:38 a<br>♂♂♂ station<br>♀♂♂ 10:06 p<br>♂♂♂ 11:45 p | <b>23 Fri</b> | ♂♂♂ 5:20 a<br>♂♂♂ 1:14 p<br>♀♂♂ 4:56 p<br>♂♂♂ 9:31 p | ♂♂♂ 8:27 a<br>♂♂♂ 9:39 p                               | <b>24 Sat</b>                              | ♂♂♂ 11:33 a  | ♂♂♂ 10:50 a                       | Sunrise 5:59 AM<br>Sunset 7:02 PM | Sunrise 5:59 AM<br>Sunset 7:01 PM | Sunrise 6:00 AM<br>Sunset 6:59 PM | Sunrise 6:01 AM<br>Sunset 6:58 PM |
| <b>25 Sun</b> | ♂♂♂ 6:27 a  | ♂♂♂ 4:59 a<br>♀♂♂ 7:03 a<br>♂♂♂ 3:11 p               | <b>26 Mon</b> | ♂♂♂ Rx 2:35 a   | ♂♂♂ station  | <b>27 Tue</b> | ♀♂♂ 12:23 a  | ♂♂♂ 5:04 a<br>♀♂♂ 6:33 a<br>♀♂♂ 7:10 a<br>♂♂♂ 2:43 p   | <b>28 Wed</b>                              | ♀♂♂ 1:24 p<br>♂♂♂ SDir. 2:14 p                         | ♀♂♂ 2:03 a<br>♀♂♂ 8:28 a          | Sunrise 6:01 AM<br>Sunset 6:57 PM | Sunrise 6:02 AM<br>Sunset 6:56 PM | Sunrise 6:03 AM<br>Sunset 6:54 PM | Sunrise 6:03 AM<br>Sunset 6:53 PM |
| <b>29 Thu</b> | ♀♂♂ 6:22 a<br>♀♂♂ 7:32 a<br>♂♂♂ 1:52 p                | ♀♂♂ 9:18 a<br>♂♂♂ station<br>♂♂♂ 7:37 p              | <b>30 Fri</b> | ♂♂♂ 2:58 p  | ♀♂♂ 1:41 a<br>♀♂♂ 12:04 p  | <b>31 Sat</b> | ♂♂♂ 12:52 a<br>♂♂♂ 4:13 a                            | ♂♂♂ 12:42 p<br>♀♂♂ 12:45 p<br>♂♂♂ 1:55 p<br>♀♂♂ 8:46 p |  |  |                                   | Sunrise 6:04 AM<br>Sunset 6:52 PM | Sunrise 6:05 AM<br>Sunset 6:51 PM | Sunrise 6:05 AM<br>Sunset 6:49 PM |                                   |

Mountain Standard Time Sunrise and Sunset Times are for Scottsdale, Arizona

| Mundane       |   | Personal  |               | Mundane  |   | Personal      |                        | Mundane  |               | Personal  |  | Mundane                           |                                   | Personal                          |                                   |
|---------------|---|---|---------------|--|---|---------------|------------------------|--|---------------|---|--|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>1 Sun</b>  | ♄ Rx 8:17 a<br>♄♃ 4:57 p                                      | ☉☿ 3:15 p<br>☉♃ 7:44 p  | <b>2 Mon</b>  | ♃♄ 6:46 a<br>♃☿ 9:10 p                           | ♂♃ 3:40 a<br>♂♄ 4:35 p  | <b>3 Tue</b>  | ♀♃ 4:59 p              | ♀♃ 2:30 p  | <b>4 Wed</b>  | ♂♃ 10:59 a<br>♂♄ 12:46 p<br>♂ SDir. 10:43 p       | ♀♄ 4:02 a<br>☉♄ 8:34 a<br>♂♄ 6:41 p<br>♃♃ 11:18 p  | Sunrise 6:06 AM<br>Sunset 6:48 PM | Sunrise 6:07 AM<br>Sunset 6:47 PM | Sunrise 6:07 AM<br>Sunset 6:45 PM | Sunrise 6:08 AM<br>Sunset 6:44 PM |
| <b>5 Thu</b>  |   | ♂♃ station  | <b>6 Fri</b>  | ☉♃ 6:11 p<br>♃♄ 9:21 p                           | ♂♄ 4:00 a<br>♀♃ 9:31 a  | <b>7 Sat</b>  | ☉♃ 9:35 p              | ♂☿ 1:13 a<br>♃☉ 3:33 a<br>♃♄ 6:59 a<br>☉♃ 8:32 p<br>♃☿ 10:19 p | <b>8 Sun</b>  | ♃♄ 3:52 a<br>♀♃ 6:20 a<br>♃♄ 9:54 p<br>♃♃ 11:50 p | ♃♄ 4:17 a<br>♃♄ 10:52 a<br>♀♃ 12:40 p<br>♀♃ 1:16 p | Sunrise 6:09 AM<br>Sunset 6:43 PM | Sunrise 6:09 AM<br>Sunset 6:41 PM | Sunrise 6:10 AM<br>Sunset 6:40 PM | Sunrise 6:11 AM<br>Sunset 6:39 PM |
| <b>9 Mon</b>  |   | ♃♄ 2:22 a<br>♃♄ 3:42 a<br>♂♃ 3:59 a<br>♀♃ 8:11 a<br>♀♃ 2:38 p<br>♃♄ 4:17 p<br>♂♄ 8:36 p     | <b>10 Tue</b> | ♂ Rx 10:57 p                                     | ♃♃ 12:52 a<br>♀♃ 3:31 p<br>♃♄ 8:42 p  | <b>11 Wed</b> | ♀♃ 3:51 a<br>♃♄ 8:42 p | ♃♄ 2:59 a<br>♂♃ station<br>☉♃ 9:18 p                           | <b>12 Thu</b> | ☉♃ 3:53 a   | ♀♃ 7:04 p  | Sunrise 6:11 AM<br>Sunset 6:37 PM | Sunrise 6:12 AM<br>Sunset 6:36 PM | Sunrise 6:13 AM<br>Sunset 6:35 PM | Sunrise 6:13 AM<br>Sunset 6:33 PM |
| <b>13 Fri</b> | ♃♄ 6:49 a<br>♃♄ 6:14 p  | ♀♃ 3:07 a<br>☉♃ 1:33 p<br>♃♃ 1:56 p   | <b>14 Sat</b> | ♂♄ 1:22 p<br>♀♃ 10:34 p                          | ☉♃ 6:33 a<br>♀♃ 12:56 p   | <b>15 Sun</b> | ♂♃ 7:25 p              | ♃♄ 3:30 a<br>♃♄ 5:57 a<br>♂♃ 2:41 p<br>♀♃ 9:01 p               | <b>16 Mon</b> | ♀♃ 2:29 p   | ♃♄ 2:49 p<br>♂♃ 7:36 p                             | Sunrise 6:14 AM<br>Sunset 6:32 PM | Sunrise 6:15 AM<br>Sunset 6:30 PM | Sunrise 6:15 AM<br>Sunset 6:29 PM | Sunrise 6:16 AM<br>Sunset 6:28 PM |
| <b>17 Tue</b> | ♃♄ 7:34 p   | ☉♃ 6:09 a   | <b>18 Wed</b> | ♃♄ 1:50 a<br>♂ SDir. 12:51 p                     | ♃♄ 11:22 a<br>♀♃ 4:14 p<br>♀♃ 7:48 p  | <b>19 Thu</b> | ☉♃ 7:04 a              | ♃♄ 7:33 a<br>♂♃ station<br>☉♃ 5:48 p<br>☉♃ 6:33 p              | <b>20 Fri</b> | ♀♃ 10:36 a<br>☉♃ 5:17 p                           | ♃♄ 2:09 p<br>☉♃ 6:14 p<br>♀♃ 7:32 p                | Sunrise 6:17 AM<br>Sunset 6:26 PM | Sunrise 6:17 AM<br>Sunset 6:25 PM | Sunrise 6:18 AM<br>Sunset 6:24 PM | Sunrise 6:19 AM<br>Sunset 6:22 PM |
| <b>21 Sat</b> | ♃♄ 1:49 a<br>♀♃ 1:53 p<br>♃♄ 7:59 p<br>☉♃ 11:11 p             | ☉♃ 2:17 a<br>♃♄ 11:14 a<br>♀♃ 3:07 p<br>♂♃ 3:42 p<br>♃♄ 8:08 p<br>♀♃ 9:35 p                 | <b>22 Sun</b> | ☉♃ 5:43 a<br>♀♃ 2:15 p<br>♀♃ 5:52 p<br>♀♃ 7:36 p | ☉♃ 9:23 a<br>♀♃ 10:32 p   | <b>23 Mon</b> |                        | ♂♃ 5:53 a<br>♃♄ 9:45 a<br>♀♃ 3:00 p<br>☉♃ 6:52 p               | <b>24 Tue</b> | ♃♄ 10:27 a<br>♂ Rx 12:01 p                        | ♀♃ 1:27 a<br>♃♄ 5:15 p<br>♃♄ 5:39 p                | Sunrise 6:19 AM<br>Sunset 6:21 PM | Sunrise 6:20 AM<br>Sunset 6:19 PM | Sunrise 6:21 AM<br>Sunset 6:18 PM | Sunrise 6:21 AM<br>Sunset 6:17 PM |
| <b>25 Wed</b> | ♃♄ 4:06 a<br>☉♃ 4:27 a<br>♂♃ 9:48 a<br>♃♄ 4:12 p<br>♃♄ 9:14 p | ☉♃ 1:43 a<br>♀♃ 2:15 a<br>♃♄ 6:13 a<br>♀♃ 10:20 a<br>♃♄ 10:31 a<br>☉♃ 11:45 a<br>♂♃ station | <b>26 Thu</b> | ♃♄ 1:08 a  | ♃♄ 3:06 a<br>♂♃ 9:45 a<br>♂♃ 11:08 a<br>♃♄ 2:05 p<br>♀♃ 8:14 p<br>♃♄ 9:03 p | <b>27 Fri</b> | ♀♃ 8:26 p              | ♃♄ 1:41 p<br>♃♄ 7:07 p   | <b>28 Sat</b> | ♀♃ 6:35 a   | ♂♃ 6:13 a<br>♀♃ 6:01 p<br>♂♃ 9:00 p<br>☉♃ 9:44 p   | Sunrise 6:22 AM<br>Sunset 6:15 PM | Sunrise 6:23 AM<br>Sunset 6:14 PM | Sunrise 6:24 AM<br>Sunset 6:13 PM | Sunrise 6:24 AM<br>Sunset 6:11 PM |
| <b>29 Sun</b> | ♂ SDir. 12:17 a<br>☉♃ 12:25 a<br>♃♄ 5:19 p<br>♂♃ 9:06 p       | ♂♃ station<br>☉♃ 2:35 p<br>♃♄ 3:51 p  | <b>30 Mon</b> | ☉♃ 2:09 p  | ♃♄ 1:07 a<br>♀♃ 11:49 p   |               |                        |  |               |   |  | Sunrise 6:25 AM<br>Sunset 6:10 PM | Sunrise 6:26 AM<br>Sunset 6:08 PM |                                   |                                   |

**Joe Biden** November 20, 1942, 8:30 AM, Scranton, Pennsylvania

**October, 2024**

| Mundane                           |   | Personal  |        | Mundane                           |   | Personal   |  | Mundane                           |                                      | Personal  |              | Mundane                           |                                      | Personal   |            |
|-----------------------------------|---|---|--------|-----------------------------------|---|--|--|-----------------------------------|--------------------------------------|---|--------------|-----------------------------------|--------------------------------------|--|------------|
| <b>1 Tue</b>                      |   | ♂♂ 6:43 a<br>♂♂ 2:04 p                            |        | <b>2 Wed</b>                      | ♂ Rx 4:50 a<br>♂♂ 4:09 p<br>♂♂ 10:26 p                  | ♂♂ 9:07 a<br>♂♂ station  |  | <b>3 Thu</b>                      | ♂♂ 3:09 p<br>♂♂ 11:46 p              | ♂♂ 1:49 a<br>♂♂ 2:14 a<br>♂♂ 3:53 a<br>♂♂ 3:34 p<br>♂♂ 8:07 p | ROSSHASHANNA | <b>4 Fri</b>                      | ♂♂ 6:33 a<br>♂♂ 10:04 a              | ♂♂ 1:45 p  |            |
| Sunrise 6:26 AM<br>Sunset 6:07 PM |   |   |        | Sunrise 6:27 AM<br>Sunset 6:06 PM |   |  |  | Sunrise 6:28 AM<br>Sunset 6:04 PM |                                      |   |              | Sunrise 6:29 AM<br>Sunset 6:03 PM |                                      |  |            |
| <b>5 Sat</b>                      | ♂♂ 11:36 p  | ♂♂ 12:37 a<br>♂♂ 1:22 a                           |        | <b>6 Sun</b>                      | ♂♂ 11:28 a  | ♂♂ 12:50 a<br>♂♂ 2:37 a<br>♂♂ 8:24 a<br>♂♂ 8:49 a<br>♂♂ 9:25 a<br>♂♂ 9:46 a  |  | <b>7 Mon</b>                      |                                      | ♂♂ 5:26 a<br>♂♂ 8:03 a<br>♂♂ 8:51 a<br>♂♂ 3:37 p              |              | <b>8 Tue</b>                      | ♂♂ 3:21 a<br>♂♂ 5:22 a<br>♂♂ 7:36 a  | ♂♂ 8:14 a  |            |
| Sunrise 6:29 AM<br>Sunset 6:02 PM |   |   |        | Sunrise 6:30 AM<br>Sunset 6:00 PM |   |  |  | Sunrise 6:31 AM<br>Sunset 5:59 PM |                                      |   |              | Sunrise 6:31 AM<br>Sunset 5:58 PM |                                      |  |            |
| <b>9 Wed</b>                      | ♂ Rx 12:05 a  | ♂♂ 4:25 a<br>♂♂ station<br>♂♂ station             |        | <b>10 Thu</b>                     | ♂♂ 8:44 a<br>♂♂ 9:56 a<br>♂♂ SDir. 11:46 a<br>♂♂ 1:11 p | ♂♂ 7:23 a<br>♂♂ 9:46 a<br>♂♂ 12:25 p<br>♂♂ 12:43 p<br>♂♂ 5:20 p<br>♂♂ 5:38 p |  | <b>11 Fri</b>                     | ♂♂ 10:11 a<br>♂♂ SDir. 5:32 p        | ♂♂ station  |              | <b>12 Sat</b>                     | ♂♂ 12:34 a<br>♂♂ 5:41 a<br>♂♂ 4:05 p | ♂♂ 12:05 a<br>♂♂ 11:04 a<br>♂♂ station<br>♂♂ 2:50 p<br>♂♂ 7:43 p | Yom Kippur |
| Sunrise 6:32 AM<br>Sunset 5:57 PM |   |   |        | Sunrise 6:33 AM<br>Sunset 5:55 PM |   |  |  | Sunrise 6:34 AM<br>Sunset 5:54 PM |                                      |   |              | Sunrise 6:35 AM<br>Sunset 5:53 PM |                                      |  |            |
| <b>13 Sun</b>                     | ♂♂ 7:03 a<br>♂♂ 12:23 p<br>♂♂ 1:36 p<br>♂♂ 4:08 p<br>♂♂ 7:28 p<br>♂♂ 8:52 p | ♂♂ 11:58 a<br>♂♂ 2:37 p                           |        | <b>14 Mon</b>                     | ♂♂ 1:15 a<br>♂♂ 3:22 p                                  | ♂♂ 2:38 a<br>♂♂ 3:09 a<br>♂♂ 4:11 a<br>♂♂ 11:07 a                            |  | <b>15 Tue</b>                     | ♂♂ 5:49 p                            | ♂♂ 6:08 a<br>♂♂ 12:03 p<br>♂♂ 12:20 p                         |              | <b>16 Wed</b>                     | ♂ Rx 12:05 a                         | ♂♂ 7:46 a<br>♂♂ station<br>♂♂ 2:17 p<br>♂♂ 2:31 p                |            |
| Sunrise 6:35 AM<br>Sunset 5:52 PM |   |   |        | Sunrise 6:36 AM<br>Sunset 5:50 PM |   |  |  | Sunrise 6:37 AM<br>Sunset 5:49 PM |                                      |   |              | Sunrise 6:38 AM<br>Sunset 5:48 PM |                                      |  |            |
| <b>17 Thu</b>                     | ♂♂ 5:30 a<br>♂♂ 10:40 a<br>♂♂ 12:28 p<br>♂♂ 4:37 p                          | ♂♂ 1:21 p<br>♂♂ 3:26 p<br>♂♂ 5:44 p               | SUKKOT | <b>18 Fri</b>                     | ♂♂ 11:40 p  | ♂♂ 2:11 a<br>♂♂ 8:01 a<br>♂♂ 6:33 p  |  | <b>19 Sat</b>                     |                                      | ♂♂ 11:57 a<br>♂♂ 7:34 p<br>♂♂ 8:31 p                          |              | <b>20 Sun</b>                     | ♂♂ 8:44 a<br>♂♂ 8:55 p               | ♂♂ 3:42 a<br>♂♂ 4:21 a   |            |
| Sunrise 6:38 AM<br>Sunset 5:47 PM |   |   |        | Sunrise 6:39 AM<br>Sunset 5:45 PM |   |  |  | Sunrise 6:40 AM<br>Sunset 5:44 PM |                                      |   |              | Sunrise 6:41 AM<br>Sunset 5:43 PM |                                      |  |            |
| <b>21 Mon</b>                     | ♂♂ 3:51 p<br>♂♂ 11:35 p   | ♂♂ 4:22 a<br>♂♂ 12:17 p<br>♂♂ 1:57 p<br>♂♂ 7:34 p |        | <b>22 Tue</b>                     | ♂♂ 7:15 a<br>♂♂ 8:43 a<br>♂♂ 3:14 p<br>♂♂ 7:37 p        | ♂♂ 5:46 a<br>♂♂ 6:50 p   |  | <b>23 Wed</b>                     |                                      | ♂♂ 12:05 p<br>♂♂ 2:59 p                                       |              | <b>24 Thu</b>                     | ♂♂ SDir. 1:12 a<br>♂♂ 5:13 p         | ♂♂ 3:45 a<br>♂♂ 4:27 a   |            |
| Sunrise 6:42 AM<br>Sunset 5:42 PM |   |   |        | Sunrise 6:42 AM<br>Sunset 5:41 PM |   |  |  | Sunrise 6:43 AM<br>Sunset 5:40 PM |                                      |   |              | Sunrise 6:44 AM<br>Sunset 5:39 PM |                                      |  |            |
| <b>25 Fri</b>                     |   | ♂♂ 10:04 a<br>♂♂ 6:22 p<br>♂♂ 7:56 p<br>♂♂ 9:58 p |        | <b>26 Sat</b>                     | ♂♂ 11:24 p  | ♂♂ 11:18 a   |  | <b>27 Sun</b>                     | ♂♂ 1:50 a<br>♂♂ 12:47 p<br>♂♂ 7:10 p | ♂♂ 5:38 a<br>♂♂ 1:18 p<br>♂♂ 2:01 p<br>♂♂ 10:55 p             |              | <b>28 Mon</b>                     | ♂♂ 5:31 a<br>♂♂ 6:35 a<br>♂♂ 8:46 a  | ♂♂ 4:52 a<br>♂♂ 5:58 p   |            |
| Sunrise 6:45 AM<br>Sunset 5:38 PM |   |   |        | Sunrise 6:46 AM<br>Sunset 5:37 PM |   |  |  | Sunrise 6:47 AM<br>Sunset 5:36 PM |                                      |   |              | Sunrise 6:48 AM<br>Sunset 5:35 PM |                                      |  |            |
| <b>29 Tue</b>                     | ♂♂ 3:28 a<br>♂♂ 5:00 a<br>♂ Rx 10:44 a<br>♂♂ 5:23 p                         | ♂♂ station<br>♂♂ station<br>♂♂ 9:05 p             |        | <b>30 Wed</b>                     | ♂♂ 3:14 p   | ♂♂ 1:40 a<br>♂♂ 6:38 p<br>♂♂ 7:46 p  |  | <b>31 Thu</b>                     | ♂♂ 5:33 p                            | ♂♂ 5:12 p<br>♂♂ 6:33 p  | HALLOWEEN    |                                   |                                      |  |            |
| Sunrise 6:48 AM<br>Sunset 5:34 PM |   |   |        | Sunrise 6:49 AM<br>Sunset 5:33 PM |   |  |  | Sunrise 6:50 AM<br>Sunset 5:32 PM |                                      |   |              |                                   |                                      |  |            |

Mountain Standard Time Sunrise and Sunset Times are for Scottsdale, Arizona

**Joe Biden** November 20, 1942, 8:30 AM, Scranton, Pennsylvania

**November, 2024**

| Mundane  | Personal  | Mundane  | Personal   | Mundane  | Personal  | Mundane  | Personal   |
|--|---|--|--|--|---|--|--|
| <b>1 Fri</b><br>Sunrise 6:51 AM<br>Sunset 5:31 PM  | ♃♃♂ 11:29 a<br>♁♀♃ 2:30 p<br>♃♁♂ 5:05 p               | <b>2 Sat</b><br>Sunrise 6:52 AM<br>Sunset 5:30 PM  | ♃♃♂ 1:09 a<br>♃♁♂ 1:21 a<br>♃♃♂ 8:03 a<br>♃♃♂ 12:17 p  | <b>3 Sun</b><br>Sunrise 6:53 AM<br>Sunset 5:29 PM  | ♃♃♂ 4:37 a<br>♃♃♂ 8:25 a<br>♃♁♂ 9:22 a<br>♃♃♂ 9:09 p  | <b>4 Mon</b><br>Sunrise 6:54 AM<br>Sunset 5:28 PM  | ♁♃♂ 2:04 a<br>♁♁♃ 10:36 a<br>♁♃♂ 5:41 a<br>♃♃♂ 7:41 a<br>♃♃♂ 9:36 a<br>♃♃♂ 12:38 p<br>♃♃♂ 7:51 p<br>♃♃♂ 11:25 p  |
| <b>5 Tue</b><br>Sunrise 6:55 AM<br>Sunset 5:27 PM  |   | <b>6 Wed</b><br>Sunrise 6:56 AM<br>Sunset 5:26 PM  | ♃♃♂ 7:54 a<br>♃♁♂ 7:31 p<br>♃♃♂ 8:45 p   | <b>7 Thu</b><br>Sunrise 6:57 AM<br>Sunset 5:26 PM  | ♃♃♂ 7:20 p<br>♃♃♂ 9:41 a<br>♃♃♂ 2:31 p<br>♃♁♂ 8:47 p  | <b>8 Fri</b><br>Sunrise 6:58 AM<br>Sunset 5:25 PM  | ♁ SDir. 10:47 p<br>♁♃♂ 3:33 a<br>♃♃♂ 1:33 p  |
| <b>9 Sat</b><br>Sunrise 6:58 AM<br>Sunset 5:24 PM  | ♃♃♂ 6:15 a<br>♃♃♂ 10:22 a<br>♃♃♂ 10:59 a              | <b>10 Sun</b><br>Sunrise 6:59 AM<br>Sunset 5:23 PM | ♃♃♂ 12:05 a<br>♃♃♂ 3:34 a<br>♃♃♂ 6:21 a<br>♃♁♂ 12:57 p   | <b>11 Mon</b><br>Sunrise 7:00 AM<br>Sunset 5:23 PM | ♁♃♂ 4:08 a<br>♃♃♂ 8:44 a<br>♃♃♂ 11:26 a<br>♁♃♂ 2:41 p | <b>12 Tue</b><br>Sunrise 7:01 AM<br>Sunset 5:22 PM | ♃♃♂ 6:22 a<br>♁ Rx 8:59 a<br>♁♃♂ 10:38 a<br>♃♃♂ 4:07 a<br>♃♃♂ 7:15 a<br>♁♃♂ station<br>♃♃♂ 5:55 p<br>♃♃♂ 11:04 p |
| <b>13 Wed</b><br>Sunrise 7:02 AM<br>Sunset 5:21 PM | ♁♃♂ 3:26 a<br>♃♃♂ 7:18 p                              | <b>14 Thu</b><br>Sunrise 7:03 AM<br>Sunset 5:21 PM | ♃♃♂ 1:02 a<br>♃♃♂ 4:47 a<br>♃♃♂ 1:24 a<br>♃♃♂ 3:34 a<br>♃♃♂ 12:50 p  | <b>15 Fri</b><br>Sunrise 7:04 AM<br>Sunset 5:20 PM | ♃ SDir. 7:21 a<br>♃♃♂ 4:43 a<br>♃♃♂ station           | <b>16 Sat</b><br>Sunrise 7:05 AM<br>Sunset 5:20 PM | ♃♃♂ 4:03 a<br>♁♃♂ 7:44 p<br>♁♃♂ 5:11 p<br>♃♃♂ 11:15 p  |
| <b>17 Sun</b><br>Sunrise 7:06 AM<br>Sunset 5:19 PM | ♃♃♂ 9:38 a<br>♃♃♂ 1:13 p                              | <b>18 Mon</b><br>Sunrise 7:07 AM<br>Sunset 5:19 PM | ♃♃♂ 1:55 a<br>♃♃♂ 10:25 a<br>♁♃♂ 7:07 p  | <b>19 Tue</b><br>Sunrise 7:08 AM<br>Sunset 5:18 PM | ♃♃♂ 4:29 a<br>♃♃♂ 1:39 p<br>♃♃♂ 11:37 p               | <b>20 Wed</b><br>Sunrise 7:09 AM<br>Sunset 5:18 PM | ♁♃♂ 2:55 a<br>♃♃♂ 9:36 a<br>♃♃♂ 9:59 a<br>♃♃♂ 8:26 p<br>♁♃♂ 2:34 a<br>♁♃♂ 10:22 a                                |
| <b>21 Thu</b><br>Sunrise 7:10 AM<br>Sunset 5:17 PM | ♁♃♂ 12:56 p<br>♁♃♂ 1:49 p<br>♃♃♂ 4:29 p<br>♃♃♂ 8:51 p | <b>22 Fri</b><br>Sunrise 7:11 AM<br>Sunset 5:17 PM | ♃♃♂ 4:55 a<br>♁ SDir. 6:38 p<br>♃♃♂ 11:34 p<br>♃♃♂ 1:21 a<br>♃♃♂ 1:59 a<br>♁♃♂ 12:20 p<br>♃♃♂ 1:19 p<br>♃♃♂ 9:35 p | <b>23 Sat</b><br>Sunrise 7:12 AM<br>Sunset 5:17 PM | ♃♃♂ 12:55 a<br>♃♃♂ 4:16 a<br>♃♃♂ 9:36 a               | <b>24 Sun</b><br>Sunrise 7:12 AM<br>Sunset 5:16 PM | ♃♃♂ 6:03 a<br>♁♃♂ 6:49 a<br>♁♃♂ 4:32 p   |
| <b>25 Mon</b><br>Sunrise 7:13 AM<br>Sunset 5:16 PM | ♁ Rx 2:33 p<br>♃ Rx 7:42 p<br>♁♃♂ 11:58 p             | <b>26 Tue</b><br>Sunrise 7:14 AM<br>Sunset 5:16 PM | ♃♃♂ 11:07 a<br>♁♃♂ 11:33 a<br>♃♃♂ 11:37 a<br>♃♃♂ 7:59 p  | <b>27 Wed</b><br>Sunrise 7:15 AM<br>Sunset 5:16 PM | ♁♃♂ 1:06 a<br>♃♃♂ 9:58 p<br>♃♃♂ 4:28 a                | <b>28 Thu</b><br>Sunrise 7:16 AM<br>Sunset 5:15 PM | ♃♃♂ 2:38 a<br>♃♃♂ 7:10 a<br>♁♃♂ 4:22 p   |
| <b>29 Fri</b><br>Sunrise 7:17 AM<br>Sunset 5:15 PM | ♃♃♂ 2:26 p<br>♃♃♂ 10:32 a<br>♃♃♂ 4:37 p               | <b>30 Sat</b><br>Sunrise 7:18 AM<br>Sunset 5:15 PM | ♃♃♂ 7:34 a   |  |   |  |  |

Mountain Standard Time Sunrise and Sunset Times are for Scottsdale, Arizona

**Joe Biden** November 20, 1942, 8:30 AM, Scranton, Pennsylvania

**December, 2024**

| Mundane       |  | Personal   |               | Mundane  |  | Personal      |   | Mundane  |               | Personal                                      |   | Mundane                           |                                   | Personal                          |                                   |
|---------------|--|--|---------------|--|--|---------------|---|--|---------------|---|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>1 Sun</b>  | ♃ Δ ♄ 11:16 p                                  | ♁ ♃ ♃ 8:55 a<br>♃ □ ♃ 10:21 a<br>♁ ♃ ♃ 1:12 p                                | <b>2 Mon</b>  | ♀ Δ ♄ 7:43 a   | ♀ ♃ ♃ 2:52 p<br>♀ ♃ ♃ 6:35 p                 | <b>3 Tue</b>  |   | ♁ ♃ ♃ 11:19 p  | <b>4 Wed</b>  | ♃ ♃ ♃ 3:16 a<br>♁ □ ♃ 9:18 a<br>♀ ♃ ♃ 11:52 a | ♃ ♃ ♃ 4:31 p<br>♀ ♃ ♃ 8:39 p                                  | Sunrise 7:19 AM<br>Sunset 5:15 PM | Sunrise 7:20 AM<br>Sunset 5:15 PM | Sunrise 7:20 AM<br>Sunset 5:15 PM | Sunrise 7:21 AM<br>Sunset 5:15 PM |
| <b>5 Thu</b>  | ♃ ♃ ♃ 4:02 a<br>♀ ♃ ♃ 6:40 a<br>♁ ♃ ♃ 7:18 p   | ♀ ♃ ♃ 5:14 p   | <b>6 Fri</b>  | ♃ ♃ ♃ 2:49 a<br>♁ Rx 4:33 p<br>♁ ♃ ♃ 4:57 p<br>♃ □ ♃ 6:53 p<br>♀ ♃ ♃ 11:13 p | ♀ ♃ ♃ 12:02 a                                | <b>7 Sat</b>  | ♀ ♃ ♃ 7:08 a<br>♁ ♃ ♃ 1:58 p<br>♃ SDir. 4:42 p  | ♀ ♃ ♃ 2:19 a<br>♃ ♃ ♃ 3:54 a<br>♁ ♃ ♃ 7:34 a<br>♀ ♃ ♃ 7:41 p | <b>8 Sun</b>  | ♀ ♃ ♃ 12:07 a<br>♁ SDir. 8:17 a               | ♀ ♃ ♃ 6:42 a<br>♁ Δ ♃ station<br>♁ ♃ ♃ station                | Sunrise 7:22 AM<br>Sunset 5:15 PM | Sunrise 7:23 AM<br>Sunset 5:15 PM | Sunrise 7:24 AM<br>Sunset 5:15 PM | Sunrise 7:24 AM<br>Sunset 5:15 PM |
| <b>9 Mon</b>  | ♁ Rx 12:38 p                                   | ♃ ♃ ♃ 3:06 a<br>♃ ♃ ♃ 6:58 a<br>♀ Δ ♃ 8:56 a<br>♃ ♃ ♃ 1:41 p<br>♀ ♃ ♃ 5:29 p | <b>10 Tue</b> | ♀ ♃ ♃ 12:30 a<br>♁ Δ ♃ 10:49 a   |  | <b>11 Wed</b> | ♁ ♃ ♃ 3:45 p                                    | ♁ □ ♃ 4:08 a<br>♀ ♃ ♃ 5:27 a                                 | <b>12 Thu</b> | ♀ ♃ ♃ 3:46 a<br>♁ ♃ ♃ 5:10 a<br>♃ ♃ ♃ 11:04 p | ♃ Δ ♃ 12:28 p<br>♁ ♃ ♃ 6:41 p                                 | Sunrise 7:25 AM<br>Sunset 5:15 PM | Sunrise 7:26 AM<br>Sunset 5:15 PM | Sunrise 7:27 AM<br>Sunset 5:16 PM | Sunrise 7:27 AM<br>Sunset 5:16 PM |
| <b>13 Fri</b> | ♃ ♃ ♃ 12:45 a                                  | ♀ ♃ ♃ 6:11 a<br>♁ ♃ ♃ 10:58 a<br>♁ Δ ♃ 8:13 p                                | <b>14 Sat</b> |  |  | <b>15 Sun</b> | ♁ ♃ ♃ 7:43 a<br>♃ Δ ♃ station<br>♃ SDir. 1:56 p | ♀ Δ ♃ 3:44 p<br>♁ ♃ ♃ 9:15 p                                 | <b>16 Mon</b> |   | ♁ ♃ ♃ 7:35 a  | Sunrise 7:28 AM<br>Sunset 5:16 PM | Sunrise 7:29 AM<br>Sunset 5:17 PM | Sunrise 7:29 AM<br>Sunset 5:17 PM | Sunrise 7:30 AM<br>Sunset 5:17 PM |
| <b>17 Tue</b> | ♀ ♃ ♃ 2:33 p                                   | ♀ ♃ ♃ 11:43 p  | <b>18 Wed</b> | ♁ □ ♃ 7:28 a<br>♀ ♃ ♃ 10:52 p  | ♁ ♃ ♃ 4:48 p<br>♁ ♃ ♃ 5:32 p<br>♃ Δ ♃ 9:00 p | <b>19 Thu</b> | ♀ Δ ♃ 7:10 p                                    | ♁ ♃ ♃ 4:15 p<br>♁ Δ ♃ 11:59 p                                | <b>20 Fri</b> |   | ♁ ♃ ♃ 6:49 a  | Sunrise 7:31 AM<br>Sunset 5:18 PM | Sunrise 7:31 AM<br>Sunset 5:18 PM | Sunrise 7:32 AM<br>Sunset 5:18 PM | Sunrise 7:32 AM<br>Sunset 5:19 PM |
| <b>21 Sat</b> | ♁ ♃ ♃ 2:20 a<br>♁ ♃ ♃ 8:31 p                   | ♁ Δ ♃ 5:51 a<br>♀ ♃ ♃ 11:44 a  | <b>22 Sun</b> | ♀ ♃ ♃ 12:12 a  | ♁ Δ ♃ 1:33 a<br>♁ □ ♃ 2:03 p<br>♃ ♃ ♃ 7:45 p | <b>23 Mon</b> | ♁ □ ♃ 3:39 a<br>♀ ♃ ♃ 5:46 p                    | ♃ ♃ ♃ 12:42 a<br>♁ ♃ ♃ 7:43 p                                | <b>24 Tue</b> | ♃ □ ♃ 2:59 p<br>♁ ♃ ♃ 10:00 p                 | ♁ ♃ ♃ 5:22 a<br>♀ ♃ ♃ 1:01 p                                  | Sunrise 7:33 AM<br>Sunset 5:19 PM | Sunrise 7:33 AM<br>Sunset 5:20 PM | Sunrise 7:34 AM<br>Sunset 5:21 PM | Sunrise 7:34 AM<br>Sunset 5:21 PM |
| <b>25 Wed</b> |  | ♃ ♃ ♃ 1:18 p   | <b>26 Thu</b> | ♃ ♃ ♃ 3:47 p   | ♀ ♃ ♃ 12:35 a                                | <b>27 Fri</b> | ♃ □ ♃ 12:28 a                                   | ♁ ♃ ♃ 12:18 p<br>♁ Δ ♃ 1:40 p                                | <b>28 Sat</b> | ♀ ♃ ♃ 12:41 a<br>♃ ♃ ♃ 1:30 p                 | ♁ ♃ ♃ 4:33 a<br>♃ ♃ ♃ 1:49 p<br>♁ ♃ ♃ 8:42 p<br>♁ ♃ ♃ 11:29 p | Sunrise 7:34 AM<br>Sunset 5:22 PM | Sunrise 7:35 AM<br>Sunset 5:22 PM | Sunrise 7:35 AM<br>Sunset 5:23 PM | Sunrise 7:35 AM<br>Sunset 5:24 PM |
| <b>29 Sun</b> | ♃ SDir. 2:13 p<br>♁ ♃ ♃ 2:58 p<br>♃ ♃ ♃ 8:07 p | ♃ □ ♃ 2:11 a<br>♀ ♃ ♃ 7:40 a   | <b>30 Mon</b> | ♃ ♃ ♃ 10:34 p  | ♀ ♃ ♃ station<br>♁ ♃ ♃ 8:44 p                | <b>31 Tue</b> | ♃ Δ ♃ 12:41 a<br>♀ ♃ ♃ 7:37 a                   | ♁ ♃ ♃ 4:42 a<br>♀ ♃ ♃ 1:35 p<br>♃ □ ♃ 5:38 p                 |               |   |   | Sunrise 7:36 AM<br>Sunset 5:24 PM | Sunrise 7:36 AM<br>Sunset 5:25 PM | Sunrise 7:36 AM<br>Sunset 5:26 PM |                                   |

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