

SWISS EPHEMERIS for the year 3337 BCE

JANUARY 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t   | ☉                      | ☽                     | ♀                   | ♁                   | ♂                   | ♃                    | ♅                   | ♁                    | ♄                   | ♁                   | ♁                    | ♁                    | ♁                   | ♁    |
|------|---------|------------------------|-----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|----------------------|---------------------|---------------------|----------------------|----------------------|---------------------|------|
| S 1  | 4 50 56 | 15 <sup>24</sup> 27'27 | 29 <sup>11</sup> 51   | 21 <sup>11</sup> 42 | 16 <sup>21</sup> 50 | 6 <sup>3</sup> 1    | 13 <sup>13</sup> R16 | 6 <sup>3</sup> 24   | 22 <sup>13</sup> R36 | 4 <sup>10</sup> R 1 | 12 <sup>22</sup> 23 | 16 <sup>16</sup> Y29 | 15 <sup>15</sup> Y17 | 15 <sup>15</sup> 17 | n.a. |
| S 2  | 4 54 52 | 16 <sup>24</sup> 36    | 11 <sup>11</sup> 38   | 23 <sup>23</sup> 5  | 18 <sup>18</sup> 4  | 6 <sup>6</sup> 47   | 13 <sup>13</sup> Y15 | 6 <sup>6</sup> 31   | 22 <sup>22</sup> 33  | 3 <sup>3</sup> 59   | 12 <sup>12</sup> 24 | 16 <sup>16</sup> R30 | 15 <sup>15</sup> 14  | 15 <sup>15</sup> 23 | n.a. |
| M 3  | 4 58 49 | 17 <sup>24</sup> 44    | 23 <sup>23</sup> 26   | 24 <sup>24</sup> 29 | 19 <sup>19</sup> 19 | 7 <sup>7</sup> 32   | 13 <sup>13</sup> 15  | 6 <sup>6</sup> 39   | 22 <sup>22</sup> 31  | 3 <sup>3</sup> 58   | 12 <sup>12</sup> 25 | 16 <sup>16</sup> 30  | 15 <sup>15</sup> 10  | 15 <sup>15</sup> 30 | n.a. |
| T 4  | 5 2 45  | 18 <sup>24</sup> 50    | 5 <sup>11</sup> 19    | 25 <sup>25</sup> 54 | 20 <sup>20</sup> 34 | 8 <sup>8</sup> 18   | 13 <sup>13</sup> D15 | 6 <sup>6</sup> 46   | 22 <sup>22</sup> 29  | 3 <sup>3</sup> 56   | 12 <sup>12</sup> 26 | 16 <sup>16</sup> 28  | 15 <sup>15</sup> 7   | 15 <sup>15</sup> 37 | n.a. |
| W 5  | 5 6 42  | 19 <sup>24</sup> 53    | 17 <sup>17</sup> 21   | 27 <sup>27</sup> 20 | 21 <sup>21</sup> 48 | 9 <sup>9</sup> 3    | 13 <sup>13</sup> 15  | 6 <sup>6</sup> 53   | 22 <sup>22</sup> 26  | 3 <sup>3</sup> 55   | 12 <sup>12</sup> 27 | 16 <sup>16</sup> 23  | 15 <sup>15</sup> 4   | 15 <sup>15</sup> 43 | n.a. |
| T 6  | 5 10 38 | 20 <sup>24</sup> 55    | 29 <sup>29</sup> 35   | 28 <sup>28</sup> 48 | 23 <sup>23</sup> 3  | 9 <sup>9</sup> 48   | 13 <sup>13</sup> 15  | 7 <sup>7</sup> 1    | 22 <sup>22</sup> 24  | 3 <sup>3</sup> 53   | 12 <sup>12</sup> 28 | 16 <sup>16</sup> 16  | 15 <sup>15</sup> 1   | 15 <sup>15</sup> 50 | n.a. |
| F 7  | 5 14 35 | 21 <sup>24</sup> 55    | 12 <sup>21</sup> 4 7  | 0 <sup>21</sup> 17  | 24 <sup>24</sup> 17 | 10 <sup>10</sup> 34 | 13 <sup>13</sup> 16  | 7 <sup>7</sup> 8    | 22 <sup>22</sup> 22  | 3 <sup>3</sup> 52   | 12 <sup>12</sup> 29 | 16 <sup>16</sup> 7   | 14 <sup>14</sup> 58  | 15 <sup>15</sup> 57 | n.a. |
| S 8  | 5 18 32 | 22 <sup>24</sup> 53    | 24 <sup>24</sup> 47   | 1 <sup>24</sup> 47  | 25 <sup>25</sup> 32 | 11 <sup>11</sup> 19 | 13 <sup>13</sup> 16  | 7 <sup>7</sup> 16   | 22 <sup>22</sup> 20  | 3 <sup>3</sup> 50   | 12 <sup>12</sup> 30 | 15 <sup>15</sup> 55  | 14 <sup>14</sup> 55  | 16 <sup>16</sup> 3  | n.a. |
| S 9  | 5 22 28 | 23 <sup>24</sup> 49    | 7 <sup>23</sup> 45    | 3 <sup>23</sup> 18  | 26 <sup>26</sup> 47 | 12 <sup>12</sup> 4  | 13 <sup>13</sup> 17  | 7 <sup>7</sup> 23   | 22 <sup>22</sup> 18  | 3 <sup>3</sup> 48   | 12 <sup>12</sup> 31 | 15 <sup>15</sup> 43  | 14 <sup>14</sup> 51  | 16 <sup>16</sup> 10 | n.a. |
| M10  | 5 26 25 | 24 <sup>24</sup> 42    | 20 <sup>20</sup> 57   | 4 <sup>20</sup> 51  | 28 <sup>28</sup> 1  | 12 <sup>12</sup> 49 | 13 <sup>13</sup> 18  | 7 <sup>7</sup> 31   | 22 <sup>22</sup> 15  | 3 <sup>3</sup> 47   | 12 <sup>12</sup> 32 | 15 <sup>15</sup> 31  | 14 <sup>14</sup> 48  | 16 <sup>16</sup> 17 | n.a. |
| T 11 | 5 30 21 | 25 <sup>24</sup> 33    | 4 <sup>22</sup> 21    | 6 <sup>24</sup> 24  | 29 <sup>29</sup> 16 | 13 <sup>13</sup> 34 | 13 <sup>13</sup> 19  | 7 <sup>7</sup> 39   | 22 <sup>22</sup> 13  | 3 <sup>3</sup> 45   | 12 <sup>12</sup> 33 | 15 <sup>15</sup> 21  | 14 <sup>14</sup> 45  | 16 <sup>16</sup> 23 | n.a. |
| W12  | 5 34 18 | 26 <sup>24</sup> 21    | 17 <sup>17</sup> 56   | 7 <sup>25</sup> 59  | 0 <sup>23</sup> 30  | 14 <sup>14</sup> 19 | 13 <sup>13</sup> 21  | 7 <sup>7</sup> 46   | 22 <sup>22</sup> 11  | 3 <sup>3</sup> 43   | 12 <sup>12</sup> 34 | 15 <sup>15</sup> 13  | 14 <sup>14</sup> 42  | 16 <sup>16</sup> 30 | n.a. |
| T 13 | 5 38 14 | 27 <sup>24</sup> 08    | 1 <sup>13</sup> 39    | 9 <sup>23</sup> 35  | 1 <sup>24</sup> 45  | 15 <sup>15</sup> 4  | 13 <sup>13</sup> 22  | 7 <sup>7</sup> 54   | 22 <sup>22</sup> 9   | 3 <sup>3</sup> 42   | 12 <sup>12</sup> 35 | 15 <sup>15</sup> 8   | 14 <sup>14</sup> 39  | 16 <sup>16</sup> 37 | n.a. |
| F 14 | 5 42 11 | 28 <sup>23</sup> 51    | 15 <sup>15</sup> 31   | 11 <sup>11</sup> 12 | 2 <sup>25</sup> 59  | 15 <sup>15</sup> 49 | 13 <sup>13</sup> 24  | 8 <sup>8</sup> 1    | 22 <sup>22</sup> 7   | 3 <sup>3</sup> 40   | 12 <sup>12</sup> 36 | 15 <sup>15</sup> 6   | 14 <sup>14</sup> 36  | 16 <sup>16</sup> 43 | n.a. |
| S 15 | 5 46 7  | 29 <sup>23</sup> 32    | 29 <sup>29</sup> 30   | 12 <sup>12</sup> 50 | 4 <sup>14</sup> 14  | 16 <sup>16</sup> 34 | 13 <sup>13</sup> 26  | 8 <sup>8</sup> 9    | 22 <sup>22</sup> 5   | 3 <sup>3</sup> 38   | 12 <sup>12</sup> 37 | 15 <sup>15</sup> D 5 | 14 <sup>14</sup> 32  | 16 <sup>16</sup> 50 | n.a. |
| S 16 | 5 50 4  | 0 <sup>23</sup> 10     | 13 <sup>13</sup> Y36  | 14 <sup>14</sup> 29 | 5 <sup>28</sup> 28  | 17 <sup>17</sup> 19 | 13 <sup>13</sup> 28  | 8 <sup>8</sup> 17   | 22 <sup>22</sup> 4   | 3 <sup>3</sup> 37   | 12 <sup>12</sup> 38 | 15 <sup>15</sup> R 5 | 14 <sup>14</sup> 29  | 16 <sup>16</sup> 56 | n.a. |
| M17  | 5 54 1  | 1 <sup>22</sup> 24     | 27 <sup>27</sup> 49   | 16 <sup>16</sup> 9  | 6 <sup>6</sup> 43   | 18 <sup>18</sup> 4  | 13 <sup>13</sup> 31  | 8 <sup>8</sup> 24   | 22 <sup>22</sup> 2   | 3 <sup>3</sup> 35   | 12 <sup>12</sup> 39 | 15 <sup>15</sup> 5   | 14 <sup>14</sup> 26  | 17 <sup>17</sup> 3  | n.a. |
| T 18 | 5 57 57 | 2 <sup>22</sup> 20     | 12 <sup>12</sup> Y 7  | 17 <sup>17</sup> 51 | 7 <sup>7</sup> 57   | 18 <sup>18</sup> 49 | 13 <sup>13</sup> 33  | 8 <sup>8</sup> 32   | 22 <sup>22</sup> 0   | 3 <sup>3</sup> 33   | 12 <sup>12</sup> 40 | 15 <sup>15</sup> 3   | 14 <sup>14</sup> 23  | 17 <sup>17</sup> 10 | n.a. |
| W19  | 6 1 54  | 3 <sup>21</sup> 50     | 26 <sup>26</sup> 27   | 19 <sup>19</sup> 34 | 9 <sup>9</sup> 12   | 19 <sup>19</sup> 34 | 13 <sup>13</sup> 36  | 8 <sup>8</sup> 40   | 21 <sup>21</sup> 58  | 3 <sup>3</sup> 32   | 12 <sup>12</sup> 41 | 14 <sup>14</sup> 58  | 14 <sup>14</sup> 20  | 17 <sup>17</sup> 16 | n.a. |
| T 20 | 6 5 50  | 4 <sup>21</sup> 19     | 10 <sup>10</sup> II44 | 21 <sup>21</sup> 18 | 10 <sup>10</sup> 26 | 20 <sup>20</sup> 18 | 13 <sup>13</sup> 39  | 8 <sup>8</sup> 47   | 21 <sup>21</sup> 56  | 3 <sup>3</sup> 30   | 12 <sup>12</sup> 42 | 14 <sup>14</sup> 50  | 14 <sup>14</sup> 16  | 17 <sup>17</sup> 23 | n.a. |
| F 21 | 6 9 47  | 5 <sup>20</sup> 45     | 24 <sup>24</sup> 55   | 23 <sup>23</sup> 3  | 11 <sup>11</sup> 40 | 21 <sup>21</sup> 3  | 13 <sup>13</sup> 42  | 8 <sup>8</sup> 55   | 21 <sup>21</sup> 55  | 3 <sup>3</sup> 28   | 12 <sup>12</sup> 44 | 14 <sup>14</sup> 40  | 14 <sup>14</sup> 13  | 17 <sup>17</sup> 30 | n.a. |
| S 22 | 6 13 43 | 6 <sup>20</sup> 09     | 8 <sup>25</sup> 53    | 24 <sup>24</sup> 50 | 12 <sup>12</sup> 55 | 21 <sup>21</sup> 47 | 13 <sup>13</sup> 45  | 9 <sup>9</sup> 3    | 21 <sup>21</sup> 53  | 3 <sup>3</sup> 27   | 12 <sup>12</sup> 45 | 14 <sup>14</sup> 28  | 14 <sup>14</sup> 10  | 17 <sup>17</sup> 36 | n.a. |
| S 23 | 6 17 40 | 7 <sup>19</sup> 31     | 22 <sup>22</sup> 34   | 26 <sup>26</sup> 38 | 14 <sup>14</sup> 9  | 22 <sup>22</sup> 32 | 13 <sup>13</sup> 49  | 9 <sup>9</sup> 10   | 21 <sup>21</sup> 51  | 3 <sup>3</sup> 25   | 12 <sup>12</sup> 46 | 14 <sup>14</sup> 15  | 14 <sup>14</sup> 7   | 17 <sup>17</sup> 43 | n.a. |
| M24  | 6 21 37 | 8 <sup>18</sup> 50     | 5 <sup>25</sup> 14    | 28 <sup>28</sup> 27 | 15 <sup>15</sup> 23 | 23 <sup>23</sup> 17 | 13 <sup>13</sup> 53  | 9 <sup>9</sup> 18   | 21 <sup>21</sup> 50  | 3 <sup>3</sup> 24   | 12 <sup>12</sup> 47 | 14 <sup>14</sup> 3   | 14 <sup>14</sup> 4   | 17 <sup>17</sup> 50 | n.a. |
| T 25 | 6 25 33 | 9 <sup>18</sup> 07     | 18 <sup>18</sup> 52   | 0 <sup>23</sup> 17  | 16 <sup>16</sup> 38 | 24 <sup>24</sup> 1  | 13 <sup>13</sup> 56  | 9 <sup>9</sup> 26   | 21 <sup>21</sup> 48  | 3 <sup>3</sup> 22   | 12 <sup>12</sup> 48 | 13 <sup>13</sup> 54  | 14 <sup>14</sup> 1   | 17 <sup>17</sup> 56 | n.a. |
| W26  | 6 29 30 | 10 <sup>17</sup> 22    | 1 <sup>11</sup> 29    | 2 <sup>17</sup> 52  | 24 <sup>24</sup> 45 | 14 <sup>14</sup> 0  | 9 <sup>9</sup> 33    | 21 <sup>21</sup> 47 | 3 <sup>3</sup> 20    | 3 <sup>3</sup> 20   | 12 <sup>12</sup> 49 | 13 <sup>13</sup> 46  | 13 <sup>13</sup> 57  | 18 <sup>18</sup> 3  | n.a. |
| T 27 | 6 33 26 | 11 <sup>16</sup> 35    | 13 <sup>13</sup> 48   | 4 <sup>19</sup> 2   | 19 <sup>19</sup> 6  | 25 <sup>25</sup> 30 | 14 <sup>14</sup> 5   | 9 <sup>9</sup> 41   | 21 <sup>21</sup> 45  | 3 <sup>3</sup> 19   | 12 <sup>12</sup> 51 | 13 <sup>13</sup> 42  | 13 <sup>13</sup> 54  | 18 <sup>18</sup> 10 | n.a. |
| F 28 | 6 37 23 | 12 <sup>15</sup> 46    | 25 <sup>25</sup> 51   | 5 <sup>25</sup> 56  | 20 <sup>20</sup> 20 | 26 <sup>26</sup> 14 | 14 <sup>14</sup> 9   | 9 <sup>9</sup> 49   | 21 <sup>21</sup> 44  | 3 <sup>3</sup> 17   | 12 <sup>12</sup> 52 | 13 <sup>13</sup> 39  | 13 <sup>13</sup> 51  | 18 <sup>18</sup> 16 | n.a. |
| S 29 | 6 41 19 | 13 <sup>14</sup> 55    | 7 <sup>25</sup> 44    | 7 <sup>25</sup> 51  | 21 <sup>21</sup> 35 | 26 <sup>26</sup> 58 | 14 <sup>14</sup> 13  | 9 <sup>9</sup> 57   | 21 <sup>21</sup> 43  | 3 <sup>3</sup> 15   | 12 <sup>12</sup> 53 | 13 <sup>13</sup> 39  | 13 <sup>13</sup> 48  | 18 <sup>18</sup> 23 | n.a. |
| S 30 | 6 45 16 | 14 <sup>14</sup> 02    | 19 <sup>19</sup> 32   | 9 <sup>9</sup> 48   | 22 <sup>22</sup> 49 | 27 <sup>27</sup> 42 | 14 <sup>14</sup> 18  | 10 <sup>10</sup> 4  | 21 <sup>21</sup> 41  | 3 <sup>3</sup> 14   | 12 <sup>12</sup> 54 | 13 <sup>13</sup> 39  | 13 <sup>13</sup> 45  | 18 <sup>18</sup> 30 | n.a. |
| M31  | 6 49 12 | 15 <sup>13</sup> 10    | 1 <sup>11</sup> 21    | 11 <sup>11</sup> 36 | 24 <sup>24</sup> 3  | 28 <sup>28</sup> 27 | 14 <sup>14</sup> Y23 | 10 <sup>10</sup> 12 | 21 <sup>21</sup> 40  | 3 <sup>3</sup> 12   | 12 <sup>12</sup> 56 | 13 <sup>13</sup> Y38 | 13 <sup>13</sup> Y41 | 18 <sup>18</sup> 36 | n.a. |

Delta T = 24h48m32s Julian Calendar 1 Jan. 3337 BCE == Greg. Calendar 5 Dec. 3338 BCE  
 The year -3336 astronomical counting style corresponds to year 3337 B.C.E historical counting style.

FEBRUARY 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t   | ☉                      | ☽                    | ♀                   | ♁                   | ♂                   | ♃                    | ♅                   | ♁                    | ♄                  | ♁                   | ♁                    | ♁                    | ♁                   | ♁    |
|------|---------|------------------------|----------------------|---------------------|---------------------|---------------------|----------------------|---------------------|----------------------|--------------------|---------------------|----------------------|----------------------|---------------------|------|
| T 1  | 6 53 9  | 16 <sup>13</sup> 12'09 | 13 <sup>13</sup> 16  | 13 <sup>13</sup> 45 | 25 <sup>25</sup> 17 | 29 <sup>29</sup> 11 | 14 <sup>14</sup> Y28 | 10 <sup>10</sup> 20 | 21 <sup>21</sup> R39 | 3 <sup>3</sup> R10 | 12 <sup>12</sup> 57 | 13 <sup>13</sup> R36 | 13 <sup>13</sup> Y38 | 18 <sup>18</sup> 43 | n.a. |
| W 2  | 6 57 6  | 17 <sup>11</sup> 11'10 | 25 <sup>25</sup> 23  | 15 <sup>15</sup> 45 | 26 <sup>26</sup> 31 | 29 <sup>29</sup> 55 | 14 <sup>14</sup> 33  | 10 <sup>10</sup> 27 | 21 <sup>21</sup> 38  | 3 <sup>3</sup> 9   | 12 <sup>12</sup> 58 | 13 <sup>13</sup> Y31 | 13 <sup>13</sup> 35  | 18 <sup>18</sup> 49 | n.a. |
| T 3  | 7 1 2   | 18 <sup>10</sup> 10'09 | 7 <sup>17</sup> 44   | 17 <sup>17</sup> 46 | 27 <sup>27</sup> 45 | 0 <sup>23</sup> 39  | 14 <sup>14</sup> 39  | 10 <sup>10</sup> 35 | 21 <sup>21</sup> 37  | 3 <sup>3</sup> 7   | 12 <sup>12</sup> 59 | 13 <sup>13</sup> 24  | 13 <sup>13</sup> 32  | 18 <sup>18</sup> 56 | n.a. |
| F 4  | 7 4 59  | 19 <sup>9</sup> 06     | 20 <sup>20</sup> 23  | 19 <sup>19</sup> 48 | 29 <sup>29</sup> 0  | 1 <sup>23</sup> 23  | 14 <sup>14</sup> 44  | 10 <sup>10</sup> 43 | 21 <sup>21</sup> 36  | 3 <sup>3</sup> 6   | 13 <sup>13</sup> 1  | 13 <sup>13</sup> 14  | 13 <sup>13</sup> 29  | 19 <sup>19</sup> 3  | n.a. |
| S 5  | 7 8 55  | 20 <sup>8</sup> 01     | 3 <sup>3</sup> 22    | 21 <sup>21</sup> 51 | 0 <sup>23</sup> 14  | 2 <sup>7</sup> 7    | 14 <sup>14</sup> 50  | 10 <sup>10</sup> 50 | 21 <sup>21</sup> 34  | 3 <sup>3</sup> 4   | 13 <sup>13</sup> 2  | 13 <sup>13</sup> 3   | 13 <sup>13</sup> 26  | 19 <sup>19</sup> 9  | n.a. |
| S 6  | 7 12 52 | 21 <sup>6</sup> 54     | 16 <sup>16</sup> 40  | 23 <sup>23</sup> 54 | 1 <sup>28</sup> 28  | 2 <sup>51</sup> 51  | 14 <sup>14</sup> 56  | 10 <sup>10</sup> 58 | 21 <sup>21</sup> 34  | 3 <sup>3</sup> 3   | 13 <sup>13</sup> 3  | 12 <sup>12</sup> 50  | 13 <sup>13</sup> 22  | 19 <sup>19</sup> 16 | n.a. |
| M 7  | 7 16 48 | 22 <sup>5</sup> 44     | 0 <sup>23</sup> 15   | 25 <sup>25</sup> 58 | 2 <sup>42</sup> 42  | 3 <sup>34</sup> 34  | 15 <sup>15</sup> 2   | 11 <sup>11</sup> 6  | 21 <sup>21</sup> 33  | 3 <sup>3</sup> 1   | 13 <sup>13</sup> 5  | 12 <sup>12</sup> 38  | 13 <sup>13</sup> 19  | 19 <sup>19</sup> 23 | n.a. |
| T 8  | 7 20 45 | 23 <sup>4</sup> 33     | 14 <sup>14</sup> 5   | 28 <sup>28</sup> 2  | 3 <sup>56</sup> 56  | 4 <sup>18</sup> 18  | 15 <sup>15</sup> 8   | 11 <sup>11</sup> 13 | 21 <sup>21</sup> 32  | 2 <sup>59</sup> 59 | 13 <sup>13</sup> 6  | 12 <sup>12</sup> 27  | 13 <sup>13</sup> 16  | 19 <sup>19</sup> 29 | n.a. |
| W 9  | 7 24 41 | 24 <sup>3</sup> 18     | 28 <sup>28</sup> 4   | 0 <sup>23</sup> 6   | 5 <sup>10</sup> 10  | 5 <sup>2</sup> 2    | 15 <sup>15</sup> 14  | 11 <sup>11</sup> 21 | 21 <sup>21</sup> 31  | 2 <sup>58</sup> 58 | 13 <sup>13</sup> 7  | 12 <sup>12</sup> 18  | 13 <sup>13</sup> 13  | 19 <sup>19</sup> 36 | n.a. |
| T 10 | 7 28 38 | 25 <sup>2</sup> 02     | 12 <sup>12</sup> Y10 | 2 <sup>10</sup> 10  | 6 <sup>24</sup> 24  | 5 <sup>46</sup> 46  | 15 <sup>15</sup> 20  | 11 <sup>11</sup> 28 | 21 <sup>21</sup> 30  | 2 <sup>56</sup> 56 | 13 <sup>13</sup> 9  | 12 <sup>12</sup> 13  | 13 <sup>13</sup> 10  | 19 <sup>19</sup> 43 | n.a. |
| F 11 | 7 32 35 | 26 <sup>0</sup> 43     | 26 <sup>26</sup> 18  | 4 <sup>13</sup> 13  | 7 <sup>38</sup> 38  | 6 <sup>29</sup> 29  | 15 <sup>15</sup> 27  | 11 <sup>11</sup> 36 | 21 <sup>21</sup> 29  | 2 <sup>55</sup> 55 | 13 <sup>13</sup> 10 | 12 <sup>12</sup> 10  | 13 <sup>13</sup> 7   | 19 <sup>19</sup> 49 | n.a. |
| S 12 | 7 36 31 | 26 <sup>59</sup> 21    | 10 <sup>10</sup> Y27 | 6 <sup>16</sup> 16  | 8 <sup>52</sup> 52  | 7 <sup>13</sup> 13  | 15 <sup>15</sup> 34  | 11 <sup>11</sup> 43 | 21 <sup>21</sup> 29  | 2 <sup>53</sup> 53 | 13 <sup>13</sup> 11 | 12 <sup>12</sup> D 9 | 13 <sup>13</sup> 3   | 19 <sup>19</sup> 56 | n.a. |
| S 13 | 7 40 28 | 27 <sup>57</sup> 57    | 24 <sup>24</sup> 35  | 8 <sup>17</sup> 17  | 10 <sup>6</sup> 6   | 7 <sup>56</sup> 56  | 15 <sup>15</sup> 41  | 11 <sup>11</sup> 51 | 21 <sup>21</sup> 28  | 2 <sup>52</sup> 52 | 13 <sup>13</sup> 13 | 12 <sup>12</sup> R 9 | 13 <sup>13</sup> 0   | 20 <sup>20</sup> 3  | n.a. |
| M14  | 7 44 24 | 28 <sup>56</sup> 31    | 8 <sup>18</sup> 41   | 10 <sup>10</sup> 17 | 11 <sup>20</sup> 20 | 8 <sup>40</sup> 40  | 15 <sup>15</sup> 48  | 11 <sup>11</sup> 58 | 21 <sup>21</sup> 28  | 2 <sup>50</sup> 50 | 13 <sup>13</sup> 14 | 12 <sup>12</sup> 9   | 12 <sup>12</sup> 57  | 20 <sup>20</sup> 9  | n.a. |
| T 15 | 7 48 21 | 29 <sup>55</sup> 02    | 22 <sup>22</sup> 43  | 12 <sup>12</sup> 15 | 12 <sup>34</sup> 34 | 9 <sup>23</sup> 23  | 15 <sup>15</sup> 55  | 12 <sup>12</sup> 6  | 21 <sup>21</sup> 27  | 2 <sup>49</sup> 49 | 13 <sup>13</sup> 15 | 12 <sup>12</sup> 7   | 12 <sup>12</sup> 54  | 20 <sup>20</sup> 16 | n.a. |
| W16  | 7 52 17 | 0 <sup>23</sup> 53'31  | 6 <sup>11</sup> 41   | 14 <sup>14</sup> 11 | 13 <sup>47</sup> 47 | 10 <sup>7</sup> 7   | 16 <sup>16</sup> 2   | 12 <sup>12</sup> 13 | 21 <sup>21</sup> 27  | 2 <sup>48</sup> 48 | 13 <sup>13</sup> 17 | 12 <sup>12</sup> 3   | 12 <sup>12</sup> 51  | 20 <sup>20</sup> 23 | n.a. |
| T 17 | 7 56 14 | 1 <sup>51</sup> 58     | 20 <sup>20</sup> 34  | 16 <sup>16</sup> 4  | 15 <sup>1</sup>     |                     |                      |                     |                      |                    |                     |                      |                      |                     |      |

SWISS EPHEMERIS for the year 3337 BCE

MARCH 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t    | ☉                   | ☽                   | ♀                   | ♂                   | ♃                   | ♄                   | ♅                   | ♆                   | ♇                   | ♁                   | ♂                    | ♆                   | ♁                   |      |
|------|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|------|
| W 1  | 8 47 29  | 14 <sup>28</sup> 38 | 3 <sup>17</sup> 17  | 4 <sup>40</sup> 40  | 0 <sup>59</sup> 59  | 20 <sup>8</sup> 8   | 17 <sup>58</sup> 58 | 13 <sup>55</sup> 55 | 21 <sup>26</sup> 26 | 2 <sup>R30</sup> 30 | 13 <sup>36</sup> 36 | 10 <sup>R51</sup> 51 | 12 <sup>6</sup> 6   | 21 <sup>56</sup> 56 | n.a. |
| T 2  | 8 51 26  | 15 <sup>26</sup> 38 | 15 <sup>41</sup> 41 | 5 <sup>33</sup> 33  | 2 <sup>13</sup> 13  | 20 <sup>51</sup> 51 | 18 <sup>7</sup> 7   | 14 <sup>2</sup> 2   | 21 <sup>26</sup> 26 | 2 <sup>28</sup> 28  | 13 <sup>38</sup> 38 | 10 <sup>47</sup> 47  | 12 <sup>3</sup> 3   | 22 <sup>2</sup> 2   | n.a. |
| F 3  | 8 55 22  | 16 <sup>24</sup> 37 | 28 <sup>25</sup> 25 | 6 <sup>20</sup> 20  | 3 <sup>26</sup> 26  | 21 <sup>33</sup> 33 | 18 <sup>16</sup> 16 | 14 <sup>9</sup> 9   | 21 <sup>27</sup> 27 | 2 <sup>27</sup> 27  | 13 <sup>39</sup> 39 | 10 <sup>41</sup> 41  | 12 <sup>0</sup> 0   | 22 <sup>9</sup> 9   | n.a. |
| S 4  | 8 59 19  | 17 <sup>22</sup> 34 | 11 <sup>32</sup> 32 | 7 <sup>2</sup> 2    | 4 <sup>40</sup> 40  | 22 <sup>16</sup> 16 | 18 <sup>26</sup> 26 | 14 <sup>15</sup> 15 | 21 <sup>27</sup> 27 | 2 <sup>26</sup> 26  | 13 <sup>41</sup> 41 | 10 <sup>33</sup> 33  | 11 <sup>57</sup> 57 | 22 <sup>16</sup> 16 | n.a. |
| S 5  | 9 3 15   | 18 <sup>20</sup> 29 | 25 <sup>2</sup> 2   | 7 <sup>39</sup> 39  | 5 <sup>53</sup> 53  | 22 <sup>59</sup> 59 | 18 <sup>35</sup> 35 | 14 <sup>22</sup> 22 | 21 <sup>28</sup> 28 | 2 <sup>25</sup> 25  | 13 <sup>42</sup> 42 | 10 <sup>25</sup> 25  | 11 <sup>53</sup> 53 | 22 <sup>22</sup> 22 | n.a. |
| M 6  | 9 7 12   | 19 <sup>18</sup> 23 | 8 <sup>55</sup> 55  | 8 <sup>10</sup> 10  | 7 <sup>7</sup> 7    | 23 <sup>41</sup> 41 | 18 <sup>45</sup> 45 | 14 <sup>29</sup> 29 | 21 <sup>28</sup> 28 | 2 <sup>24</sup> 24  | 13 <sup>43</sup> 43 | 10 <sup>16</sup> 16  | 11 <sup>50</sup> 50 | 22 <sup>29</sup> 29 | n.a. |
| T 7  | 9 11 8   | 20 <sup>16</sup> 15 | 23 <sup>5</sup> 5   | 8 <sup>36</sup> 36  | 8 <sup>20</sup> 20  | 24 <sup>23</sup> 23 | 18 <sup>55</sup> 55 | 14 <sup>36</sup> 36 | 21 <sup>29</sup> 29 | 2 <sup>23</sup> 23  | 13 <sup>45</sup> 45 | 10 <sup>9</sup> 9    | 11 <sup>47</sup> 47 | 22 <sup>36</sup> 36 | n.a. |
| W 8  | 9 15 5   | 21 <sup>14</sup> 05 | 7 <sup>29</sup> 29  | 8 <sup>56</sup> 56  | 9 <sup>33</sup> 33  | 25 <sup>6</sup> 6   | 19 <sup>4</sup> 4   | 14 <sup>43</sup> 43 | 21 <sup>30</sup> 30 | 2 <sup>22</sup> 22  | 13 <sup>46</sup> 46 | 10 <sup>3</sup> 3    | 11 <sup>44</sup> 44 | 22 <sup>42</sup> 42 | n.a. |
| T 9  | 9 19 2   | 22 <sup>11</sup> 54 | 22 <sup>1</sup> 1   | 9 <sup>11</sup> 11  | 10 <sup>47</sup> 47 | 25 <sup>48</sup> 48 | 19 <sup>14</sup> 14 | 14 <sup>49</sup> 49 | 21 <sup>30</sup> 30 | 2 <sup>21</sup> 21  | 13 <sup>48</sup> 48 | 10 <sup>0</sup> 0    | 11 <sup>41</sup> 41 | 22 <sup>49</sup> 49 | n.a. |
| F 10 | 9 22 58  | 23 <sup>9</sup> 40  | 6 <sup>33</sup> 33  | 9 <sup>21</sup> 21  | 12 <sup>0</sup> 0   | 26 <sup>30</sup> 30 | 19 <sup>24</sup> 24 | 14 <sup>56</sup> 56 | 21 <sup>31</sup> 31 | 2 <sup>20</sup> 20  | 13 <sup>49</sup> 49 | 9 <sup>D59</sup> 59  | 11 <sup>38</sup> 38 | 22 <sup>55</sup> 55 | n.a. |
| S 11 | 9 26 55  | 24 <sup>7</sup> 25  | 21 <sup>2</sup> 2   | 9 <sup>R25</sup> 25 | 13 <sup>14</sup> 14 | 27 <sup>12</sup> 12 | 19 <sup>34</sup> 34 | 15 <sup>3</sup> 3   | 21 <sup>32</sup> 32 | 2 <sup>19</sup> 19  | 13 <sup>50</sup> 50 | 9 <sup>59</sup> 59   | 11 <sup>34</sup> 34 | 23 <sup>2</sup> 2   | n.a. |
| S 12 | 9 30 51  | 25 <sup>5</sup> 08  | 5 <sup>23</sup> 23  | 9 <sup>25</sup> 25  | 14 <sup>27</sup> 27 | 27 <sup>54</sup> 54 | 19 <sup>45</sup> 45 | 15 <sup>9</sup> 9   | 21 <sup>33</sup> 33 | 2 <sup>19</sup> 19  | 13 <sup>52</sup> 52 | 10 <sup>0</sup> 0    | 11 <sup>31</sup> 31 | 23 <sup>9</sup> 9   | n.a. |
| M13  | 9 34 48  | 26 <sup>2</sup> 48  | 19 <sup>34</sup> 34 | 9 <sup>19</sup> 19  | 15 <sup>40</sup> 40 | 28 <sup>37</sup> 37 | 19 <sup>55</sup> 55 | 15 <sup>16</sup> 16 | 21 <sup>34</sup> 34 | 2 <sup>18</sup> 18  | 13 <sup>53</sup> 53 | 10 <sup>R1</sup> 1   | 11 <sup>28</sup> 28 | 23 <sup>15</sup> 15 | n.a. |
| T 14 | 9 38 44  | 27 <sup>0</sup> 28  | 3 <sup>34</sup> 34  | 9 <sup>8</sup> 8    | 16 <sup>53</sup> 53 | 29 <sup>19</sup> 19 | 20 <sup>5</sup> 5   | 15 <sup>22</sup> 22 | 21 <sup>35</sup> 35 | 2 <sup>17</sup> 17  | 13 <sup>55</sup> 55 | 10 <sup>1</sup> 1    | 11 <sup>25</sup> 25 | 23 <sup>22</sup> 22 | n.a. |
| W15  | 9 42 41  | 27 <sup>58</sup> 05 | 17 <sup>21</sup> 21 | 8 <sup>53</sup> 53  | 18 <sup>6</sup> 6   | 0 <sup>1</sup> 1    | 20 <sup>16</sup> 16 | 15 <sup>28</sup> 28 | 21 <sup>36</sup> 36 | 2 <sup>16</sup> 16  | 13 <sup>56</sup> 56 | 9 <sup>59</sup> 59   | 11 <sup>22</sup> 22 | 23 <sup>29</sup> 29 | n.a. |
| T 16 | 9 46 37  | 28 <sup>55</sup> 40 | 0 <sup>56</sup> 56  | 8 <sup>34</sup> 34  | 19 <sup>20</sup> 20 | 0 <sup>43</sup> 43  | 20 <sup>26</sup> 26 | 15 <sup>35</sup> 35 | 21 <sup>37</sup> 37 | 2 <sup>15</sup> 15  | 13 <sup>57</sup> 57 | 9 <sup>56</sup> 56   | 11 <sup>19</sup> 19 | 23 <sup>35</sup> 35 | n.a. |
| F 17 | 9 50 34  | 29 <sup>53</sup> 14 | 14 <sup>18</sup> 18 | 8 <sup>11</sup> 11  | 20 <sup>33</sup> 33 | 1 <sup>24</sup> 24  | 20 <sup>37</sup> 37 | 15 <sup>41</sup> 41 | 21 <sup>38</sup> 38 | 2 <sup>15</sup> 15  | 13 <sup>59</sup> 59 | 9 <sup>51</sup> 51   | 11 <sup>15</sup> 15 | 23 <sup>42</sup> 42 | n.a. |
| S 18 | 9 54 31  | 0 <sup>46</sup> 46  | 2 <sup>27</sup> 27  | 7 <sup>44</sup> 44  | 21 <sup>46</sup> 46 | 2 <sup>6</sup> 6    | 20 <sup>48</sup> 48 | 15 <sup>47</sup> 47 | 21 <sup>39</sup> 39 | 2 <sup>14</sup> 14  | 14 <sup>0</sup> 0   | 9 <sup>45</sup> 45   | 11 <sup>12</sup> 12 | 23 <sup>49</sup> 49 | n.a. |
| S 19 | 9 58 27  | 1 <sup>48</sup> 17  | 10 <sup>22</sup> 22 | 7 <sup>15</sup> 15  | 22 <sup>59</sup> 59 | 2 <sup>48</sup> 48  | 20 <sup>58</sup> 58 | 15 <sup>54</sup> 54 | 21 <sup>40</sup> 40 | 2 <sup>13</sup> 13  | 14 <sup>1</sup> 1   | 9 <sup>38</sup> 38   | 11 <sup>9</sup> 9   | 23 <sup>55</sup> 55 | n.a. |
| M20  | 10 2 24  | 2 <sup>45</sup> 45  | 23 <sup>4</sup> 4   | 6 <sup>43</sup> 43  | 24 <sup>12</sup> 12 | 3 <sup>30</sup> 30  | 21 <sup>9</sup> 9   | 16 <sup>0</sup> 0   | 21 <sup>42</sup> 42 | 2 <sup>13</sup> 13  | 14 <sup>3</sup> 3   | 9 <sup>32</sup> 32   | 11 <sup>6</sup> 6   | 24 <sup>2</sup> 2   | n.a. |
| T 21 | 10 6 20  | 3 <sup>43</sup> 13  | 5 <sup>33</sup> 33  | 6 <sup>10</sup> 10  | 25 <sup>25</sup> 25 | 4 <sup>11</sup> 11  | 21 <sup>20</sup> 20 | 16 <sup>6</sup> 6   | 21 <sup>43</sup> 43 | 2 <sup>12</sup> 12  | 14 <sup>4</sup> 4   | 9 <sup>27</sup> 27   | 11 <sup>3</sup> 3   | 24 <sup>9</sup> 9   | n.a. |
| W22  | 10 10 17 | 4 <sup>40</sup> 39  | 17 <sup>50</sup> 50 | 5 <sup>35</sup> 35  | 26 <sup>38</sup> 38 | 4 <sup>53</sup> 53  | 21 <sup>31</sup> 31 | 16 <sup>12</sup> 12 | 21 <sup>44</sup> 44 | 2 <sup>11</sup> 11  | 14 <sup>5</sup> 5   | 9 <sup>24</sup> 24   | 10 <sup>59</sup> 59 | 24 <sup>15</sup> 15 | n.a. |
| T 23 | 10 14 13 | 5 <sup>38</sup> 04  | 29 <sup>55</sup> 55 | 5 <sup>0</sup> 0    | 27 <sup>51</sup> 51 | 5 <sup>35</sup> 35  | 21 <sup>42</sup> 42 | 16 <sup>18</sup> 18 | 21 <sup>46</sup> 46 | 2 <sup>11</sup> 11  | 14 <sup>7</sup> 7   | 9 <sup>22</sup> 22   | 10 <sup>56</sup> 56 | 24 <sup>22</sup> 22 | n.a. |
| F 24 | 10 18 10 | 6 <sup>35</sup> 27  | 11 <sup>52</sup> 52 | 4 <sup>24</sup> 24  | 29 <sup>4</sup> 4   | 6 <sup>16</sup> 16  | 21 <sup>54</sup> 54 | 16 <sup>24</sup> 24 | 21 <sup>47</sup> 47 | 2 <sup>10</sup> 10  | 14 <sup>8</sup> 8   | 9 <sup>D21</sup> 21  | 10 <sup>53</sup> 53 | 24 <sup>29</sup> 29 | n.a. |
| S 25 | 10 22 6  | 7 <sup>32</sup> 49  | 23 <sup>42</sup> 42 | 3 <sup>50</sup> 50  | 0 <sup>17</sup> 17  | 6 <sup>58</sup> 58  | 22 <sup>5</sup> 5   | 16 <sup>29</sup> 29 | 21 <sup>49</sup> 49 | 2 <sup>10</sup> 10  | 14 <sup>9</sup> 9   | 9 <sup>22</sup> 22   | 10 <sup>50</sup> 50 | 24 <sup>35</sup> 35 | n.a. |
| S 26 | 10 26 3  | 8 <sup>30</sup> 11  | 5 <sup>31</sup> 31  | 3 <sup>16</sup> 16  | 1 <sup>30</sup> 30  | 7 <sup>39</sup> 39  | 22 <sup>16</sup> 16 | 16 <sup>35</sup> 35 | 21 <sup>50</sup> 50 | 2 <sup>9</sup> 9    | 14 <sup>11</sup> 11 | 9 <sup>24</sup> 24   | 10 <sup>47</sup> 47 | 24 <sup>42</sup> 42 | n.a. |
| M27  | 10 30 0  | 9 <sup>27</sup> 31  | 17 <sup>20</sup> 20 | 2 <sup>45</sup> 45  | 2 <sup>42</sup> 42  | 8 <sup>21</sup> 21  | 22 <sup>28</sup> 28 | 16 <sup>41</sup> 41 | 21 <sup>52</sup> 52 | 2 <sup>9</sup> 9    | 14 <sup>12</sup> 12 | 9 <sup>25</sup> 25   | 10 <sup>44</sup> 44 | 24 <sup>48</sup> 48 | n.a. |
| T 28 | 10 33 56 | 10 <sup>24</sup> 51 | 29 <sup>17</sup> 17 | 2 <sup>15</sup> 15  | 3 <sup>55</sup> 55  | 9 <sup>2</sup> 2    | 22 <sup>39</sup> 39 | 16 <sup>46</sup> 46 | 21 <sup>54</sup> 54 | 2 <sup>9</sup> 9    | 14 <sup>13</sup> 13 | 9 <sup>27</sup> 27   | 10 <sup>40</sup> 40 | 24 <sup>55</sup> 55 | n.a. |
| W29  | 10 37 53 | 11 <sup>22</sup> 10 | 11 <sup>24</sup> 24 | 1 <sup>49</sup> 49  | 5 <sup>8</sup> 8    | 9 <sup>43</sup> 43  | 22 <sup>51</sup> 51 | 16 <sup>52</sup> 52 | 21 <sup>55</sup> 55 | 2 <sup>8</sup> 8    | 14 <sup>14</sup> 14 | 9 <sup>R27</sup> 27  | 10 <sup>37</sup> 37 | 25 <sup>2</sup> 2   | n.a. |
| T 30 | 10 41 49 | 12 <sup>19</sup> 28 | 23 <sup>47</sup> 47 | 1 <sup>25</sup> 25  | 6 <sup>21</sup> 21  | 10 <sup>25</sup> 25 | 23 <sup>2</sup> 2   | 16 <sup>57</sup> 57 | 21 <sup>57</sup> 57 | 2 <sup>8</sup> 8    | 14 <sup>16</sup> 16 | 9 <sup>27</sup> 27   | 10 <sup>34</sup> 34 | 25 <sup>8</sup> 8   | n.a. |
| F 31 | 10 45 46 | 13 <sup>16</sup> 45 | 6 <sup>33</sup> 33  | 1 <sup>4</sup> 4    | 7 <sup>33</sup> 33  | 11 <sup>4</sup> 4   | 23 <sup>14</sup> 14 | 17 <sup>3</sup> 3   | 21 <sup>59</sup> 59 | 2 <sup>8</sup> 8    | 14 <sup>17</sup> 17 | 9 <sup>25</sup> 25   | 10 <sup>31</sup> 31 | 25 <sup>15</sup> 15 | n.a. |

Delta T = 24h48m27s Julian Calendar 1 March 3337 BCE == Greg. Calendar 3 Feb. 3337 BCE  
 The year -3336 astronomical counting style corresponds to year 3337 B.C.E historical counting style.

APRIL 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t    | ☉                    | ☽                   | ♀                   | ♂                   | ♃                   | ♄                   | ♅                   | ♆                   | ♇                 | ♁                   | ♂                   | ♆                   | ♁                   |      |
|------|----------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------|---------------------|---------------------|---------------------|---------------------|------|
| S 1  | 10 49 42 | 14 <sup>14</sup> 01  | 19 <sup>38</sup> 38 | 0 <sup>R49</sup> 49 | 8 <sup>46</sup> 46  | 11 <sup>47</sup> 47 | 23 <sup>26</sup> 26 | 17 <sup>3</sup> 3   | 22 <sup>8</sup> 8   | 2 <sup>R7</sup> 7 | 14 <sup>18</sup> 18 | 9 <sup>R22</sup> 22 | 10 <sup>28</sup> 28 | 25 <sup>22</sup> 22 | n.a. |
| S 2  | 10 53 39 | 15 <sup>11</sup> 16  | 3 <sup>11</sup> 11  | 0 <sup>37</sup> 37  | 9 <sup>59</sup> 59  | 12 <sup>28</sup> 28 | 23 <sup>38</sup> 38 | 17 <sup>14</sup> 14 | 22 <sup>3</sup> 3   | 2 <sup>8</sup> 8  | 14 <sup>20</sup> 20 | 9 <sup>19</sup> 19  | 10 <sup>25</sup> 25 | 25 <sup>28</sup> 28 | n.a. |
| M 3  | 10 57 35 | 16 <sup>8</sup> 31   | 17 <sup>9</sup> 9   | 0 <sup>29</sup> 29  | 11 <sup>11</sup> 11 | 13 <sup>9</sup> 9   | 23 <sup>50</sup> 50 | 17 <sup>19</sup> 19 | 22 <sup>5</sup> 5   | 2 <sup>7</sup> 7  | 14 <sup>21</sup> 21 | 9 <sup>16</sup> 16  | 10 <sup>21</sup> 21 | 25 <sup>35</sup> 35 | n.a. |
| T 4  | 11 1 32  | 17 <sup>5</sup> 45   | 1 <sup>31</sup> 31  | 0 <sup>D26</sup> 26 | 12 <sup>24</sup> 24 | 13 <sup>50</sup> 50 | 24 <sup>1</sup> 1   | 17 <sup>24</sup> 24 | 22 <sup>7</sup> 7   | 2 <sup>7</sup> 7  | 14 <sup>22</sup> 22 | 9 <sup>13</sup> 13  | 10 <sup>18</sup> 18 | 25 <sup>42</sup> 42 | n.a. |
| W 5  | 11 5 29  | 18 <sup>2</sup> 58   | 16 <sup>11</sup> 11 | 0 <sup>27</sup> 27  | 13 <sup>37</sup> 37 | 14 <sup>31</sup> 31 | 24 <sup>13</sup> 13 | 17 <sup>29</sup> 29 | 22 <sup>9</sup> 9   | 2 <sup>6</sup> 6  | 14 <sup>23</sup> 23 | 9 <sup>11</sup> 11  | 10 <sup>15</sup> 15 | 25 <sup>48</sup> 48 | n.a. |
| T 6  | 11 9 25  | 19 <sup>0</sup> 10   | 1 <sup>1</sup> 1    | 0 <sup>32</sup> 32  | 14 <sup>49</sup> 49 | 15 <sup>12</sup> 12 | 24 <sup>26</sup> 26 | 17 <sup>34</sup> 34 | 22 <sup>11</sup> 11 | 2 <sup>6</sup> 6  | 14 <sup>24</sup> 24 | 9 <sup>10</sup> 10  | 10 <sup>12</sup> 12 | 25 <sup>55</sup> 55 | n.a. |
| F 7  | 11 13 22 | 19 <sup>57</sup> 21  | 15 <sup>58</sup> 58 | 0 <sup>42</sup> 42  | 16 <sup>2</sup> 2   | 15 <sup>53</sup> 53 | 24 <sup>38</sup> 38 | 17 <sup>39</sup> 39 | 22 <sup>13</sup> 13 | 2 <sup>6</sup> 6  | 14 <sup>26</sup> 26 | 9 <sup>D10</sup> 10 | 10 <sup>9</sup> 9   | 26 <sup>2</sup> 2   | n.a. |
| S 8  | 11 17 18 | 20 <sup>54</sup> 31  | 0 <sup>49</sup> 49  | 0 <sup>57</sup> 57  | 17 <sup>14</sup> 14 | 16 <sup>34</sup> 34 | 24 <sup>50</sup> 50 | 17 <sup>44</sup> 44 | 22 <sup>15</sup> 15 | 2 <sup>6</sup> 6  | 14 <sup>27</sup> 27 | 9 <sup>10</sup> 10  | 10 <sup>5</sup> 5   | 26 <sup>8</sup> 8   | n.a. |
| S 9  | 11 21 15 | 21 <sup>51</sup> 41  | 15 <sup>30</sup> 30 | 1 <sup>16</sup> 16  | 18 <sup>26</sup> 26 | 17 <sup>15</sup> 15 | 25 <sup>2</sup> 2   | 17 <sup>49</sup> 49 | 22 <sup>17</sup> 17 | 2 <sup>D6</sup> 6 | 14 <sup>28</sup> 28 | 9 <sup>11</sup> 11  | 10 <sup>2</sup> 2   | 26 <sup>15</sup> 15 | n.a. |
| M10  | 11 25 11 | 22 <sup>48</sup> 49  | 29 <sup>56</sup> 56 | 1 <sup>39</sup> 39  | 19 <sup>39</sup> 39 | 17 <sup>56</sup> 56 | 25 <sup>14</sup> 14 | 17 <sup>53</sup> 53 | 22 <sup>20</sup> 20 | 2 <sup>6</sup> 6  | 14 <sup>29</sup> 29 | 9 <sup>13</sup> 13  | 9 <sup>59</sup> 59  | 26 <sup>22</sup> 22 | n.a. |
| T 11 | 11 29 8  | 23 <sup>45</sup> 56  | 14 <sup>11</sup> 11 | 2 <sup>7</sup> 7    | 20 <sup>51</sup> 51 | 18 <sup>37</sup> 37 | 25 <sup>27</sup> 27 | 17 <sup>58</sup> 58 | 22 <sup>22</sup> 22 | 2 <sup>6</sup> 6  | 14 <sup>30</sup> 30 | 9 <sup>13</sup> 13  | 9 <sup>56</sup> 56  | 26 <sup>28</sup> 28 | n.a. |
| W12  | 11 33 4  | 24 <sup>43</sup> 03  | 27 <sup>50</sup> 50 | 2 <sup>39</sup> 39  | 22 <sup>4</sup> 4   | 19 <sup>17</sup> 17 | 25 <sup>39</sup> 39 | 18 <sup>2</sup> 2   | 22 <sup>24</sup> 24 | 2 <sup>6</sup> 6  | 14 <sup>31</sup> 31 | 9 <sup>R13</sup> 13 | 9 <sup>53</sup> 53  | 26 <sup>35</sup> 35 | n.a. |
| T 13 | 11 37 1  | 25 <sup>40</sup> 08  | 11 <sup>51</sup> 51 | 3 <sup>15</sup> 15  | 23 <sup>16</sup> 16 | 19 <sup>58</sup> 58 | 25 <sup>52</sup> 52 | 18 <sup>7</sup> 7   | 22 <sup>27</sup> 27 | 2 <sup>6</sup> 6  | 14 <sup>32</sup> 32 | 9 <sup>13</sup> 13  | 9 <sup>50</sup> 50  | 26 <sup>42</sup> 42 | n.a. |
| F 14 | 11 40 58 | 26 <sup>37</sup> 13  | 24 <sup>26</sup> 26 | 3 <sup>55</sup> 55  | 24 <sup>28</sup> 28 | 20 <sup>39</sup> 39 | 26 <sup>4</sup> 4   | 18 <sup>11</sup> 11 | 22 <sup>29</sup> 29 | 2 <sup>7</sup> 7  | 14 <sup>33</sup> 33 | 9 <sup>12</sup> 12  | 9 <sup>46</sup> 46  | 26 <sup>48</sup> 48 | n.a. |
| S 15 | 11 44 54 | 27 <sup>34</sup> 17  | 7 <sup>18</sup> 18  | 4 <sup>40</sup> 40  | 25 <sup>40</sup> 40 | 21 <sup>19</sup> 19 | 26 <sup>17</sup> 17 | 18 <sup>16</sup> 16 | 22 <sup>31</sup> 31 | 2 <sup>7</sup> 7  | 14 <sup>35</sup> 35 | 9 <sup>11</sup> 11  | 9 <sup>43</sup> 43  | 26 <sup>55</sup> 55 | n.a. |
| S 16 | 11 48 51 | 28 <sup>31</sup> 19  | 19 <sup>55</sup> 55 | 5 <sup>28</sup> 28  | 26 <sup>52</sup> 52 | 22 <sup>0</sup> 0   | 26 <sup>29</sup> 29 | 18 <sup>20</sup> 20 | 22 <sup>34</sup> 34 | 2 <sup>7</sup> 7  | 14 <sup>36</sup> 36 | 9 <sup>9</sup> 9    | 9 <sup>40</sup> 40  | 27 <sup>2</sup> 2   | n.a. |
| M17  | 11 52 47 | 29 <sup>28</sup> 21  | 2 <sup>19</sup> 19  | 6 <sup>20</sup> 20  | 28 <sup>5</sup> 5   | 22 <sup>40</sup> 40 | 26 <sup>42</sup> 42 | 18 <sup>24</sup> 24 | 22 <sup>36</sup> 36 | 2 <sup>7</sup> 7  | 14 <sup>37</sup> 37 | 9 <sup>8</sup> 8    | 9 <sup>37</sup> 37  | 27 <sup>8</sup> 8   | n.a. |
| T 18 | 11 56 44 | 0 <sup>25</sup> 23</ |                     |                     |                     |                     |                     |                     |                     |                   |                     |                     |                     |                     |      |

SWISS EPHEMERIS for the year 3337 BCE

MAY 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♂     | ♃     | ♄     | ♅     | ♆     | ♇    | ♁     | ♂    | ♆    | ♁     |      |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|-------|------|
| M 1  | 12 47 59 | 12°46'25 | 25°27 | 24°35 | 14°50 | 2°3   | 29°42 | 19°13 | 23°16 | 2°14 | 14°50 | 9°8  | 8°52 | 28°41 | n.a. |
| T 2  | 12 51 55 | 13°43'26 | 9°47  | 26°17 | 16°2  | 2°43  | 29°55 | 19°15 | 23°19 | 2°15 | 14°51 | 9°9  | 8°49 | 28°48 | n.a. |
| W 3  | 12 55 52 | 14°40'27 | 24°30 | 28°3  | 17°13 | 3°23  | 0°8   | 19°18 | 23°22 | 2°15 | 14°52 | 9°9  | 8°46 | 28°55 | n.a. |
| T 4  | 12 59 49 | 15°37'28 | 9°30  | 29°51 | 18°25 | 4°3   | 0°22  | 19°21 | 23°25 | 2°16 | 14°52 | 9°9  | 8°43 | 29°1  | n.a. |
| F 5  | 13 3 45  | 16°34'29 | 24°38 | 1°43  | 19°36 | 4°42  | 0°35  | 19°23 | 23°28 | 2°17 | 14°53 | 9°9  | 8°40 | 29°8  | n.a. |
| S 6  | 13 7 42  | 17°31'31 | 9°46  | 3°37  | 20°47 | 5°22  | 0°48  | 19°26 | 23°31 | 2°18 | 14°54 | 9°8  | 8°36 | 29°15 | n.a. |
| S 7  | 13 11 38 | 18°28'33 | 24°45 | 5°33  | 21°59 | 6°2   | 1°1   | 19°28 | 23°34 | 2°19 | 14°55 | 9°7  | 8°33 | 29°21 | n.a. |
| M 8  | 13 15 35 | 19°25'34 | 9°12  | 7°32  | 23°10 | 6°42  | 1°15  | 19°30 | 23°37 | 2°20 | 14°55 | 9°6  | 8°30 | 29°28 | n.a. |
| T 9  | 13 19 31 | 20°22'36 | 23°47 | 9°33  | 24°21 | 7°21  | 1°28  | 19°32 | 23°41 | 2°21 | 14°56 | 9°5  | 8°27 | 29°35 | n.a. |
| W10  | 13 23 28 | 21°19'38 | 7°31  | 11°36 | 25°32 | 8°1   | 1°41  | 19°34 | 23°44 | 2°21 | 14°57 | 9°4  | 8°24 | 29°41 | n.a. |
| T 11 | 13 27 24 | 22°16'40 | 21°10 | 13°40 | 26°43 | 8°40  | 1°54  | 19°36 | 23°47 | 2°22 | 14°57 | 9°4  | 8°21 | 29°48 | n.a. |
| F 12 | 13 31 21 | 23°13'42 | 0°15  | 15°47 | 27°54 | 9°20  | 2°8   | 19°38 | 23°51 | 2°24 | 14°58 | 9°4  | 8°17 | 29°55 | n.a. |
| S 13 | 13 35 18 | 24°10'44 | 16°58 | 17°54 | 29°5  | 9°59  | 2°21  | 19°40 | 23°54 | 2°25 | 14°59 | 9°5  | 8°14 | 0°1   | n.a. |
| S 14 | 13 39 14 | 25°7'46  | 29°25 | 20°2  | 0°16  | 10°39 | 2°34  | 19°41 | 23°57 | 2°26 | 14°59 | 9°6  | 8°11 | 0°8   | n.a. |
| M15  | 13 43 11 | 26°4'48  | 11°37 | 22°10 | 1°27  | 11°18 | 2°48  | 19°43 | 24°1  | 2°27 | 15°0  | 9°8  | 8°8  | 0°15  | n.a. |
| T 16 | 13 47 7  | 27°1'51  | 23°39 | 24°19 | 2°38  | 11°58 | 3°1   | 19°44 | 24°4  | 2°28 | 15°0  | 9°9  | 8°5  | 0°21  | n.a. |
| W17  | 13 51 4  | 27°58'54 | 5°33  | 26°28 | 3°49  | 12°37 | 3°15  | 19°46 | 24°7  | 2°29 | 15°1  | 9°9  | 8°1  | 0°28  | n.a. |
| T 18 | 13 55 0  | 28°55'58 | 17°23 | 28°37 | 5°0   | 13°16 | 3°28  | 19°47 | 24°11 | 2°30 | 15°1  | 9°9  | 7°58 | 0°34  | n.a. |
| F 19 | 13 58 57 | 29°53'02 | 29°12 | 0°45  | 6°10  | 13°56 | 3°41  | 19°48 | 24°14 | 2°31 | 15°2  | 9°8  | 7°55 | 0°41  | n.a. |
| S 20 | 14 2 53  | 0°50'06  | 11°1  | 2°53  | 7°21  | 14°35 | 3°55  | 19°49 | 24°18 | 2°33 | 15°2  | 9°6  | 7°52 | 0°48  | n.a. |
| S 21 | 14 6 50  | 1°47'12  | 22°52 | 4°59  | 8°31  | 15°14 | 4°8   | 19°50 | 24°21 | 2°34 | 15°3  | 9°3  | 7°49 | 0°54  | n.a. |
| M22  | 14 10 47 | 2°44'18  | 4°48  | 7°5   | 9°42  | 15°53 | 4°21  | 19°51 | 24°25 | 2°35 | 15°3  | 8°59 | 7°46 | 1°1   | n.a. |
| T 23 | 14 14 43 | 3°41'26  | 16°52 | 9°9   | 10°52 | 16°32 | 4°35  | 19°51 | 24°28 | 2°37 | 15°4  | 8°55 | 7°42 | 1°8   | n.a. |
| W24  | 14 18 40 | 4°38'34  | 29°4  | 11°12 | 12°2  | 17°12 | 4°48  | 19°52 | 24°32 | 2°38 | 15°4  | 8°51 | 7°39 | 1°14  | n.a. |
| T 25 | 14 22 36 | 5°35'43  | 11°30 | 13°13 | 13°13 | 17°51 | 5°2   | 19°52 | 24°35 | 2°39 | 15°4  | 8°49 | 7°36 | 1°21  | n.a. |
| F 26 | 14 26 33 | 6°32'54  | 24°11 | 15°13 | 14°23 | 18°30 | 5°15  | 19°53 | 24°39 | 2°41 | 15°5  | 8°47 | 7°33 | 1°28  | n.a. |
| S 27 | 14 30 29 | 7°30'05  | 7°11  | 17°12 | 15°33 | 19°9  | 5°28  | 19°53 | 24°42 | 2°42 | 15°5  | 8°46 | 7°30 | 1°34  | n.a. |
| S 28 | 14 34 26 | 8°27'18  | 20°31 | 19°9  | 16°43 | 19°48 | 5°42  | 19°53 | 24°46 | 2°44 | 15°5  | 8°47 | 7°27 | 1°41  | n.a. |
| M29  | 14 38 22 | 9°24'32  | 4°16  | 21°4  | 17°53 | 20°27 | 5°55  | 19°53 | 24°50 | 2°45 | 15°6  | 8°48 | 7°23 | 1°48  | n.a. |
| T 30 | 14 42 19 | 10°21'47 | 18°26 | 22°58 | 19°3  | 21°6  | 6°9   | 19°53 | 24°53 | 2°47 | 15°6  | 8°49 | 7°20 | 1°54  | n.a. |
| W31  | 14 46 16 | 11°19'03 | 3°0   | 24°50 | 20°13 | 21°44 | 6°22  | 19°53 | 24°57 | 2°48 | 15°6  | 8°50 | 7°17 | 2°1   | n.a. |

Delta T = 24h48m21s Julian Calendar 1 May 3337 BCE == Greg. Calendar 4 Apr. 3337 BCE  
 The year -3336 astronomical counting style corresponds to year 3337 B.C.E historical counting style.

JUNE 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♂     | ♃     | ♄     | ♅     | ♆     | ♇    | ♁    | ♂    | ♆    | ♁    |      |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|
| T 1  | 14 50 12 | 12°16'21 | 17°53 | 26°40 | 21°23 | 22°23 | 6°35  | 19°53 | 25°1  | 2°50 | 15°6 | 8°50 | 7°14 | 2°1  | n.a. |
| F 2  | 14 54 9  | 13°13'40 | 3°0   | 28°28 | 22°33 | 23°2  | 6°49  | 19°52 | 25°4  | 2°51 | 15°7 | 8°48 | 7°11 | 2°14 | n.a. |
| S 3  | 14 58 5  | 14°11'00 | 18°12 | 0°15  | 23°42 | 23°41 | 7°2   | 19°52 | 25°8  | 2°53 | 15°7 | 8°45 | 7°7  | 2°21 | n.a. |
| S 4  | 15 2 2   | 15°8'21  | 3°19  | 2°1   | 24°52 | 24°20 | 7°15  | 19°51 | 25°12 | 2°54 | 15°7 | 8°40 | 7°4  | 2°28 | n.a. |
| M 5  | 15 5 58  | 16°5'44  | 18°11 | 3°44  | 26°1  | 24°58 | 7°29  | 19°50 | 25°15 | 2°56 | 15°7 | 8°35 | 7°1  | 2°34 | n.a. |
| T 6  | 15 9 55  | 17°3'07  | 2°31  | 5°26  | 27°11 | 25°37 | 7°42  | 19°50 | 25°19 | 2°58 | 15°7 | 8°30 | 6°58 | 2°41 | n.a. |
| W 7  | 15 13 51 | 18°0'32  | 16°44 | 7°7   | 28°20 | 26°16 | 7°55  | 19°49 | 25°23 | 2°59 | 15°7 | 8°25 | 6°55 | 2°48 | n.a. |
| T 8  | 15 17 48 | 18°57'57 | 0°19  | 8°45  | 29°29 | 26°54 | 8°9   | 19°48 | 25°26 | 3°1  | 15°7 | 8°22 | 6°52 | 2°54 | n.a. |
| F 9  | 15 21 45 | 19°55'23 | 13°26 | 10°22 | 0°39  | 27°33 | 8°22  | 19°47 | 25°30 | 3°3  | 15°8 | 8°20 | 6°48 | 3°1  | n.a. |
| S 10 | 15 25 41 | 20°52'51 | 26°8  | 11°58 | 1°48  | 28°12 | 8°35  | 19°45 | 25°34 | 3°5  | 15°8 | 8°20 | 6°45 | 3°8  | n.a. |
| S 11 | 15 29 38 | 21°50'19 | 8°31  | 13°32 | 2°57  | 28°50 | 8°48  | 19°44 | 25°37 | 3°6  | 15°8 | 8°21 | 6°42 | 3°14 | n.a. |
| M12  | 15 33 34 | 22°47'49 | 20°38 | 15°4  | 4°5   | 29°29 | 9°1   | 19°43 | 25°41 | 3°8  | 15°8 | 8°23 | 6°39 | 3°21 | n.a. |
| T 13 | 15 37 31 | 23°45'19 | 2°34  | 16°34 | 5°14  | 0°7   | 9°15  | 19°41 | 25°45 | 3°10 | 15°8 | 8°24 | 6°36 | 3°28 | n.a. |
| W14  | 15 41 27 | 24°42'51 | 14°24 | 18°3  | 6°23  | 0°45  | 9°28  | 19°40 | 25°49 | 3°12 | 15°8 | 8°24 | 6°33 | 3°34 | n.a. |
| T 15 | 15 45 24 | 25°40'24 | 26°11 | 19°30 | 7°31  | 1°24  | 9°41  | 19°38 | 25°52 | 3°14 | 15°7 | 8°22 | 6°29 | 3°41 | n.a. |
| F 16 | 15 49 20 | 26°37'59 | 8°1   | 20°56 | 8°40  | 2°2   | 9°54  | 19°36 | 25°56 | 3°15 | 15°7 | 8°18 | 6°26 | 3°48 | n.a. |
| S 17 | 15 53 17 | 27°35'35 | 19°53 | 22°19 | 9°48  | 2°41  | 10°7  | 19°34 | 26°0  | 3°17 | 15°7 | 8°12 | 6°23 | 3°54 | n.a. |
| S 18 | 15 57 14 | 28°33'13 | 1°51  | 23°41 | 10°57 | 3°19  | 10°20 | 19°32 | 26°3  | 3°19 | 15°7 | 8°4  | 6°20 | 4°1  | n.a. |
| M19  | 16 1 10  | 29°30'52 | 13°56 | 25°2  | 12°5  | 3°57  | 10°33 | 19°30 | 26°7  | 3°21 | 15°7 | 7°55 | 6°17 | 4°8  | n.a. |
| T 20 | 16 5 7   | 0°28'33  | 26°10 | 26°20 | 13°13 | 4°35  | 10°46 | 19°28 | 26°11 | 3°23 | 15°7 | 7°45 | 6°13 | 4°14 | n.a. |
| W21  | 16 9 3   | 1°26'15  | 8°34  | 27°36 | 14°21 | 5°14  | 10°59 | 19°26 | 26°15 | 3°25 | 15°7 | 7°36 | 6°10 | 4°21 | n.a. |
| T 22 | 16 13 0  | 2°24'00  | 21°9  | 28°51 | 15°28 | 5°52  | 11°12 | 19°23 | 26°18 | 3°27 | 15°6 | 7°28 | 6°7  | 4°28 | n.a. |
| W28  | 16 16 56 | 3°21'46  | 3°56  | 0°3   | 16°36 | 6°30  | 11°25 | 19°21 | 26°22 | 3°29 | 15°6 | 7°22 | 6°4  | 4°34 | n.a. |
| S 24 | 16 20 53 | 4°19'34  | 16°58 | 1°13  | 17°44 | 7°8   | 11°38 | 19°18 | 26°26 | 3°31 | 15°6 | 7°19 | 6°1  | 4°41 | n.a. |
| S 25 | 16 24 49 | 5°17'25  | 0°17  | 2°22  | 18°51 | 7°46  | 11°51 | 19°16 | 26°29 | 3°33 | 15°6 | 7°17 | 5°58 | 4°48 | n.a. |
| M26  | 16 28 46 | 6°15'17  | 13°55 | 3°27  | 19°58 | 8°24  | 12°3  | 19°13 | 26°33 | 3°35 | 15°5 | 7°17 | 5°54 | 4°54 | n.a. |
| T 27 | 16 32 43 | 7°13'11  | 27°53 | 4°31  | 21°5  | 9°3   | 12°16 | 19°10 | 26°37 | 3°37 | 15°5 | 7°18 | 5°51 | 5°1  | n.a. |
| W28  | 16 36 39 | 8°11'07  | 12°11 | 5°32  | 22°12 | 9°41  | 12°29 | 19°7  | 26°40 | 3°39 | 15°5 | 7°18 | 5°48 | 5°8  | n.a. |
| T 29 | 16 40 36 | 9°9'06   | 26°48 | 6°30  | 23°19 | 10°19 | 12°41 | 19°4  | 26°44 | 3°41 | 15°4 | 7°17 | 5°45 | 5°14 | n.a. |
| F 30 | 16 44 32 | 10°11'06 | 11°40 | 7°26  | 24°26 | 10°57 | 12°54 | 19°3  | 26°48 | 3°43 | 15°4 | 7°17 | 5°42 | 5°21 | n.a. |

Delta T = 24h48m18s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [7.2.2007]

SWISS EPHEMERIS for the year 3337 BCE

JULY 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t    | ☉         | ☽      | ♀      | ♂     | ♃     | ♄     | ♅      | ♆     | ♇    | ♁      | ♂     | ♆    | ♁    | ♂    |
|------|----------|-----------|--------|--------|-------|-------|-------|--------|-------|------|--------|-------|------|------|------|
| S 1  | 16 48 29 | 11II 5'09 | 26B40  | 8E18   | 25E33 | 11B35 | 13B 7 | 18°R58 | 26B51 | 3E45 | 15°R 4 | 7°R 7 | 5Y39 | 5M28 | n.a. |
| S 2  | 16 52 25 | 12° 3'13  | 11II40 | 9° 8   | 26°39 | 12°12 | 13°19 | 18B55  | 26°55 | 3°47 | 15R 3  | 6Y58  | 5°35 | 5°34 | n.a. |
| M 3  | 16 56 22 | 13° 1'20  | 26°29  | 9°54   | 27°45 | 12°50 | 13°32 | 18°51  | 26°59 | 3°50 | 15° 3  | 6°48  | 5°32 | 5°41 | n.a. |
| T 4  | 17 0 18  | 13°59'28  | 11E 0  | 10°37  | 28°51 | 13°28 | 13°44 | 18°48  | 27° 2 | 3°52 | 15° 2  | 6°38  | 5°29 | 5°48 | n.a. |
| W 5  | 17 4 15  | 14°57'39  | 25° 7  | 11°16  | 29°57 | 14° 6 | 13°56 | 18°44  | 27° 6 | 3°54 | 15° 2  | 6°29  | 5°26 | 5°54 | n.a. |
| T 6  | 17 8 12  | 15°55'50  | 8R45   | 11°51  | 1R 3  | 14°44 | 14° 9 | 18°41  | 27° 9 | 3°56 | 15° 1  | 6°22  | 5°23 | 6° 1 | n.a. |
| F 7  | 17 12 8  | 16°54'04  | 21°56  | 12°21  | 2° 9  | 15°22 | 14°21 | 18°37  | 27°13 | 3°58 | 15° 1  | 6°17  | 5°19 | 6° 8 | n.a. |
| S 8  | 17 16 5  | 17°52'19  | 4M41   | 12°47  | 3°14  | 15°59 | 14°33 | 18°33  | 27°16 | 4° 0 | 15° 0  | 6°14  | 5°16 | 6°14 | n.a. |
| S 9  | 17 20 1  | 18°50'36  | 17° 4  | 13° 9  | 4°19  | 16°37 | 14°45 | 18°30  | 27°20 | 4° 2 | 15° 0  | 6°D13 | 5°13 | 6°21 | n.a. |
| M10  | 17 23 58 | 19°48'55  | 29°10  | 13°25  | 5°24  | 17°15 | 14°58 | 18°26  | 27°24 | 4° 5 | 14°59  | 6°14  | 5°10 | 6°28 | n.a. |
| T 11 | 17 27 54 | 20°47'16  | 11E 5  | 13°36  | 6°29  | 17°52 | 15°10 | 18°22  | 27°27 | 4° 7 | 14°58  | 6°R14 | 5° 7 | 6°34 | n.a. |
| W12  | 17 31 51 | 21°45'38  | 22°54  | 13°R41 | 7°34  | 18°30 | 15°22 | 18°18  | 27°30 | 4° 9 | 14°58  | 6°12  | 5° 4 | 6°41 | n.a. |
| T 13 | 17 35 47 | 22°44'02  | 4M42   | 13°40  | 8°38  | 19° 8 | 15°33 | 18°14  | 27°34 | 4°11 | 14°57  | 6° 9  | 5° 0 | 6°48 | n.a. |
| F 14 | 17 39 44 | 23°42'28  | 16°34  | 13°32  | 9°42  | 19°45 | 15°45 | 18°10  | 27°37 | 4°13 | 14°57  | 6° 3  | 4°57 | 6°54 | n.a. |
| S 15 | 17 43 41 | 24°40'56  | 28°31  | 13°19  | 10°46 | 20°23 | 15°57 | 18° 6  | 27°41 | 4°16 | 14°56  | 5°55  | 4°54 | 7° 1 | n.a. |
| S 16 | 17 47 37 | 25°39'26  | 10A38  | 12°58  | 11°50 | 21° 0 | 16° 9 | 18° 1  | 27°44 | 4°18 | 14°55  | 5°44  | 4°51 | 7° 8 | n.a. |
| M17  | 17 51 34 | 26°37'59  | 22°56  | 12°31  | 12°53 | 21°38 | 16°20 | 17°57  | 27°48 | 4°20 | 14°54  | 5°31  | 4°48 | 7°14 | n.a. |
| T 18 | 17 55 30 | 27°36'33  | 5E25   | 11°58  | 13°57 | 22°15 | 16°32 | 17°53  | 27°51 | 4°22 | 14°54  | 5°17  | 4°45 | 7°21 | n.a. |
| W19  | 17 59 27 | 28°35'10  | 18° 5  | 11°18  | 15° 0 | 22°53 | 16°44 | 17°49  | 27°54 | 4°24 | 14°53  | 5° 4  | 4°41 | 7°28 | n.a. |
| T 20 | 18 3 23  | 29°33'48  | 0E57   | 10°32  | 16° 2 | 23°30 | 16°55 | 17°44  | 27°58 | 4°27 | 14°52  | 4°53  | 4°38 | 7°34 | n.a. |
| F 21 | 18 7 20  | 0E32'30   | 14° 0  | 9°40   | 17° 5 | 24° 7 | 17° 6 | 17°40  | 28° 1 | 4°29 | 14°52  | 4°44  | 4°35 | 7°41 | n.a. |
| S 22 | 18 11 17 | 1°31'13   | 27°14  | 8°44   | 18° 7 | 24°45 | 17°18 | 17°35  | 28° 4 | 4°31 | 14°51  | 4°38  | 4°32 | 7°48 | n.a. |
| S 23 | 18 15 13 | 2°29'59   | 10A40  | 7°43   | 19° 9 | 25°22 | 17°29 | 17°31  | 28° 7 | 4°33 | 14°50  | 4°35  | 4°29 | 7°54 | n.a. |
| M24  | 18 19 10 | 3°28'47   | 24°19  | 6°41   | 20°10 | 25°59 | 17°40 | 17°26  | 28°11 | 4°36 | 14°49  | 4°34  | 4°25 | 8° 1 | n.a. |
| T 25 | 18 23 6  | 4°27'38   | 8Y11   | 5°36   | 21°11 | 26°36 | 17°51 | 17°22  | 28°14 | 4°38 | 14°48  | 4°34  | 4°22 | 8° 8 | n.a. |
| W26  | 18 27 3  | 5°26'31   | 22°17  | 4°32   | 22°12 | 27°14 | 18° 2 | 17°17  | 28°17 | 4°40 | 14°47  | 4°34  | 4°19 | 8°14 | n.a. |
| T 27 | 18 30 59 | 6°25'27   | 6B36   | 3°30   | 23°13 | 27°51 | 18°13 | 17°12  | 28°20 | 4°42 | 14°47  | 4°32  | 4°16 | 8°21 | n.a. |
| F 28 | 18 34 56 | 7°24'26   | 21° 7  | 2°31   | 24°13 | 28°28 | 18°24 | 17° 8  | 28°23 | 4°45 | 14°46  | 4°27  | 4°13 | 8°28 | n.a. |
| S 29 | 18 38 52 | 8°23'27   | 5II44  | 1°37   | 25°13 | 29° 5 | 18°35 | 17° 3  | 28°26 | 4°47 | 14°45  | 4°20  | 4°10 | 8°34 | n.a. |
| S 30 | 18 42 49 | 9°22'30   | 20°23  | 0°49   | 26°13 | 29°42 | 18°45 | 16°58  | 28°29 | 4°49 | 14°44  | 4°10  | 4° 6 | 8°41 | n.a. |
| M31  | 18 46 46 | 10E21'36  | 4E55   | 0E 9   | 27R12 | 0II19 | 18B56 | 16B53  | 28B32 | 4E51 | 14R43  | 3Y58  | 4Y 3 | 8M48 | n.a. |

Delta T = 24h48m15s Julian Calendar 1 July 3337 BCE == Greg. Calendar 4 June 3337 BCE  
 The year -3336 astronomical counting style corresponds to year 3337 B.C.E historical counting style.

AUGUST 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀      | ♂     | ♃      | ♄     | ♅      | ♆     | ♇    | ♁      | ♂     | ♆    | ♁     | ♂    |
|------|----------|----------|-------|--------|-------|--------|-------|--------|-------|------|--------|-------|------|-------|------|
| T 1  | 18 50 42 | 11E20'44 | 19E13 | 29°R38 | 28R11 | 0II56  | 19B 6 | 16°R49 | 28B35 | 4E54 | 14°R42 | 3°R46 | 4Y 0 | 8M54  | n.a. |
| W 2  | 18 54 39 | 12°19'55 | 3R12  | 29II15 | 29° 9 | 1°33   | 19°17 | 16B44  | 28°38 | 4°56 | 14R41  | 3Y35  | 3°57 | 9° 1  | n.a. |
| T 3  | 18 58 35 | 13°19'07 | 16°46 | 29° 3  | 0M 7  | 2°10   | 19°27 | 16°39  | 28°41 | 4°58 | 14°40  | 3°26  | 3°54 | 9° 8  | n.a. |
| F 4  | 19 2 32  | 14°18'22 | 29°56 | 29°D 1 | 1° 5  | 2°47   | 19°37 | 16°34  | 28°44 | 5° 0 | 14°39  | 3°19  | 3°51 | 9°14  | n.a. |
| S 5  | 19 6 28  | 15°17'38 | 12M42 | 29° 9  | 2° 2  | 3°24   | 19°47 | 16°29  | 28°47 | 5° 2 | 14°38  | 3°16  | 3°47 | 9°21  | n.a. |
| S 6  | 19 10 25 | 16°16'57 | 25° 6 | 29°28  | 2°58  | 4° 1   | 19°57 | 16°25  | 28°50 | 5° 5 | 14°37  | 3°14  | 3°44 | 9°28  | n.a. |
| M 7  | 19 14 21 | 17°16'17 | 7E14  | 29°56  | 3°54  | 4°38   | 20° 7 | 16°20  | 28°52 | 5° 7 | 14°36  | 3°D14 | 3°41 | 9°34  | n.a. |
| T 8  | 19 18 18 | 18°15'40 | 19°10 | 0E33   | 4°50  | 5°15   | 20°17 | 16°15  | 28°55 | 5° 9 | 14°35  | 3°R14 | 3°38 | 9°41  | n.a. |
| W 9  | 19 22 15 | 19°15'04 | 1M 0  | 1°20   | 5°45  | 5°52   | 20°27 | 16°10  | 28°58 | 5°11 | 14°34  | 3°13  | 3°35 | 9°48  | n.a. |
| T 10 | 19 26 11 | 20°14'31 | 12°49 | 2°14   | 6°40  | 6°28   | 20°36 | 16° 5  | 29° 1 | 5°13 | 14°33  | 3°11  | 3°31 | 9°54  | n.a. |
| F 11 | 19 30 8  | 21°13'59 | 24°43 | 3°16   | 7°34  | 7° 5   | 20°46 | 16° 1  | 29° 3 | 5°16 | 14°32  | 3° 6  | 3°28 | 10° 1 | n.a. |
| S 12 | 19 34 4  | 22°13'30 | 6A45  | 4°25   | 8°27  | 7°42   | 20°55 | 15°56  | 29° 6 | 5°18 | 14°31  | 2°59  | 3°25 | 10° 8 | n.a. |
| S 13 | 19 38 1  | 23°13'03 | 19° 0 | 5°39   | 9°20  | 8°18   | 21° 4 | 15°51  | 29° 8 | 5°20 | 14°30  | 2°49  | 3°22 | 10°14 | n.a. |
| M14  | 19 41 57 | 24°12'38 | 1B28  | 6°59   | 10°12 | 8°55   | 21°13 | 15°46  | 29°11 | 5°22 | 14°29  | 2°38  | 3°19 | 10°21 | n.a. |
| T 15 | 19 45 54 | 25°12'15 | 14°12 | 8°23   | 11° 4 | 9°31   | 21°22 | 15°42  | 29°13 | 5°24 | 14°28  | 2°25  | 3°16 | 10°28 | n.a. |
| W16  | 19 49 51 | 26°11'54 | 27°12 | 9°52   | 11°55 | 10° 8  | 21°31 | 15°37  | 29°16 | 5°26 | 14°27  | 2°14  | 3°12 | 10°34 | n.a. |
| T 17 | 19 53 47 | 27°11'36 | 10E25 | 11°23  | 12°45 | 10°45  | 21°40 | 15°32  | 29°18 | 5°28 | 14°26  | 2° 4  | 3° 9 | 10°41 | n.a. |
| F 18 | 19 57 44 | 28°11'19 | 23°51 | 12°57  | 13°34 | 11°21  | 21°49 | 15°28  | 29°20 | 5°31 | 14°25  | 1°56  | 3° 6 | 10°48 | n.a. |
| S 19 | 20 1 40  | 29°11'05 | 7A27  | 14°34  | 14°23 | 11°57  | 21°57 | 15°23  | 29°23 | 5°33 | 14°24  | 1°51  | 3° 3 | 10°55 | n.a. |
| S 20 | 20 5 37  | 0R10'53  | 21°12 | 16°12  | 15°10 | 12°34  | 22° 5 | 15°18  | 29°25 | 5°35 | 14°22  | 1°48  | 3° 0 | 11° 1 | n.a. |
| M21  | 20 9 33  | 1°10'44  | 5Y 4  | 17°52  | 15°57 | 13°10  | 22°14 | 15°14  | 29°27 | 5°37 | 14°21  | 1°D48 | 2°57 | 11° 8 | n.a. |
| T 22 | 20 13 30 | 2°10'37  | 19° 2 | 19°32  | 16°44 | 13°47  | 22°22 | 15° 9  | 29°29 | 5°39 | 14°20  | 1°48  | 2°53 | 11°15 | n.a. |
| W23  | 20 17 26 | 3°10'33  | 3B 6  | 21°14  | 17°29 | 14°23  | 22°30 | 15° 5  | 29°32 | 5°41 | 14°19  | 1°R49 | 2°50 | 11°21 | n.a. |
| T 24 | 20 21 23 | 4°10'31  | 17°15 | 22°56  | 18°13 | 14°59  | 22°38 | 15° 0  | 29°34 | 5°43 | 14°18  | 1°48  | 2°47 | 11°28 | n.a. |
| F 25 | 20 25 20 | 5°10'32  | 1II27 | 24°39  | 18°56 | 15°35  | 22°46 | 14°56  | 29°36 | 5°45 | 14°17  | 1°45  | 2°44 | 11°35 | n.a. |
| S 26 | 20 29 16 | 6°10'35  | 15°41 | 26°22  | 19°39 | 16°11  | 22°53 | 14°52  | 29°38 | 5°47 | 14°16  | 1°40  | 2°41 | 11°41 | n.a. |
| S 27 | 20 33 13 | 7°10'40  | 29°52 | 28° 4  | 20°20 | 16°48  | 23° 1 | 14°48  | 29°40 | 5°49 | 14°15  | 1°33  | 2°37 | 11°48 | n.a. |
| M28  | 20 37 9  | 8°10'48  | 13E57 | 29°47  | 21° 0 | 17°24  | 23° 8 | 14°43  | 29°42 | 5°51 | 14°13  | 1°24  | 2°34 | 11°55 | n.a. |
| T 29 | 20 41 6  | 9°10'58  | 27°51 | 1R30   | 21°39 | 18° 0  | 23°15 | 14°39  | 29°43 | 5°53 | 14°12  | 1°15  | 2°31 | 12° 1 | n.a. |
| W30  | 20 45 2  | 10°11'11 | 11R30 | 3°12   | 22°17 | 18°36  | 23°22 | 14°35  | 29°45 | 5°55 | 14°11  | 1° 6  | 2°28 | 12° 8 | n.a. |
| T 31 | 20 48 59 | 11R11'25 | 24R50 | 4R54   | 22M54 | 19II12 | 23B29 | 14B31  | 29B47 | 5E57 | 14R10  | 0Y59  | 2Y25 | 12M15 | n.a. |

Delta T = 24h48m12s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]

SWISS EPHEMERIS for the year 3337 BCE

SEPTEMBER 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♂      | ♃     | ♄     | ♅      | ♆     | ♇    | ♁      | ♂      | ♆     | ♅     |      |
|------|----------|----------|-------|-------|--------|-------|-------|--------|-------|------|--------|--------|-------|-------|------|
| F 1  | 20 52 55 | 12♌11'41 | 7♍51  | 6♎36  | 23♏29  | 19♐48 | 23♑36 | 14°R27 | 29♒49 | 5♓59 | 14°R 9 | 0°R54  | 2♃22  | 12♄21 | n.a. |
| S 2  | 20 56 52 | 13°11'58 | 20°31 | 8°17  | 24° 3  | 20°24 | 23°42 | 14♅23  | 29°50 | 6° 0 | 14♁ 8  | 0°Y52  | 2°18  | 12°28 | n.a. |
| S 3  | 21 0 49  | 14°12'18 | 2♌54  | 9°58  | 24°36  | 20°59 | 23°49 | 14°19  | 29°52 | 6° 2 | 14° 6  | 0°D51  | 2°15  | 12°35 | n.a. |
| M 4  | 21 4 45  | 15°12'40 | 15° 2 | 11°38 | 25° 7  | 21°35 | 23°55 | 14°16  | 29°53 | 6° 4 | 14° 5  | 0°52   | 2°12  | 12°41 | n.a. |
| T 5  | 21 8 42  | 16°13'03 | 26°58 | 13°18 | 25°37  | 22°11 | 24° 1 | 14°12  | 29°55 | 6° 6 | 14° 4  | 0°53   | 2° 9  | 12°48 | n.a. |
| W 6  | 21 12 38 | 17°13'28 | 8♌49  | 14°58 | 26° 5  | 22°47 | 24° 7 | 14° 8  | 29°56 | 6° 8 | 14° 3  | 0°55   | 2° 6  | 12°55 | n.a. |
| T 7  | 21 16 35 | 18°13'54 | 20°39 | 16°37 | 26°32  | 23°22 | 24°13 | 14° 5  | 29°58 | 6°10 | 14° 2  | 0°R55  | 2° 2  | 13° 1 | n.a. |
| F 8  | 21 20 31 | 19°14'23 | 2♌33  | 18°15 | 26°56  | 23°58 | 24°19 | 14° 1  | 29°59 | 6°11 | 14° 1  | 0°54   | 1°59  | 13° 8 | n.a. |
| S 9  | 21 24 28 | 20°14'53 | 14°37 | 19°54 | 27°19  | 24°33 | 24°24 | 13°58  | 0♐ 0  | 6°13 | 13°59  | 0°51   | 1°56  | 13°15 | n.a. |
| S 10 | 21 28 24 | 21°15'24 | 26°54 | 21°31 | 27°41  | 25° 9 | 24°30 | 13°54  | 0° 2  | 6°15 | 13°58  | 0°46   | 1°53  | 13°21 | n.a. |
| M11  | 21 32 21 | 22°15'57 | 9♅28  | 23° 9 | 28° 0  | 25°44 | 24°35 | 13°51  | 0° 3  | 6°17 | 13°57  | 0°40   | 1°50  | 13°28 | n.a. |
| T 12 | 21 36 18 | 23°16'32 | 22°21 | 24°46 | 28°17  | 26°20 | 24°40 | 13°48  | 0° 4  | 6°18 | 13°56  | 0°34   | 1°47  | 13°35 | n.a. |
| W13  | 21 40 14 | 24°17'09 | 5♁35  | 26°22 | 28°33  | 26°55 | 24°45 | 13°45  | 0° 5  | 6°20 | 13°55  | 0°27   | 1°43  | 13°41 | n.a. |
| T 14 | 21 44 11 | 25°17'47 | 19° 8 | 27°58 | 28°46  | 27°30 | 24°49 | 13°42  | 0° 6  | 6°21 | 13°54  | 0°22   | 1°40  | 13°48 | n.a. |
| F 15 | 21 48 7  | 26°18'26 | 2♌58  | 29°34 | 28°57  | 28° 6 | 24°54 | 13°39  | 0° 7  | 6°23 | 13°53  | 0°17   | 1°37  | 13°55 | n.a. |
| S 16 | 21 52 4  | 27°19'08 | 17° 1 | 1♍ 9  | 29° 6  | 28°41 | 24°58 | 13°36  | 0° 8  | 6°25 | 13°52  | 0°15   | 1°34  | 14° 2 | n.a. |
| S 17 | 21 56 0  | 28°19'51 | 1°Y13 | 2°44  | 29°13  | 29°16 | 25° 2 | 13°34  | 0° 9  | 6°26 | 13°50  | 0°D14  | 1°31  | 14° 8 | n.a. |
| M18  | 21 59 57 | 29°20'35 | 15°30 | 4°19  | 29°17  | 29°51 | 25° 6 | 13°31  | 0°10  | 6°28 | 13°49  | 0°15   | 1°28  | 14°15 | n.a. |
| T 19 | 22 3 53  | 0♐21'22  | 29°49 | 5°54  | 29°R19 | 0♅26  | 25°10 | 13°29  | 0°10  | 6°29 | 13°48  | 0°16   | 1°24  | 14°22 | n.a. |
| W20  | 22 7 50  | 1°22'11  | 14♅ 5 | 7°28  | 29°18  | 1° 1  | 25°14 | 13°26  | 0°11  | 6°31 | 13°47  | 0°18   | 1°21  | 14°28 | n.a. |
| T 21 | 22 11 47 | 2°23'01  | 28°16 | 9° 2  | 29°16  | 1°36  | 25°17 | 13°24  | 0°12  | 6°32 | 13°46  | 0°R19  | 1°18  | 14°35 | n.a. |
| F 22 | 22 15 43 | 3°23'54  | 12♐22 | 10°35 | 29°10  | 2°11  | 25°20 | 13°22  | 0°12  | 6°34 | 13°45  | 0°19   | 1°15  | 14°42 | n.a. |
| S 23 | 22 19 40 | 4°24'48  | 26°19 | 12° 9 | 29° 3  | 2°46  | 25°23 | 13°20  | 0°13  | 6°35 | 13°44  | 0°17   | 1°12  | 14°48 | n.a. |
| S 24 | 22 23 36 | 5°25'44  | 10♅ 8 | 13°42 | 28°53  | 3°21  | 25°26 | 13°18  | 0°13  | 6°36 | 13°43  | 0°14   | 1° 8  | 14°55 | n.a. |
| M25  | 22 27 33 | 6°26'42  | 23°45 | 15°15 | 28°40  | 3°55  | 25°29 | 13°16  | 0°14  | 6°38 | 13°42  | 0°11   | 1° 5  | 15° 2 | n.a. |
| T 26 | 22 31 29 | 7°27'41  | 7♎11  | 16°48 | 28°25  | 4°30  | 25°31 | 13°14  | 0°14  | 6°39 | 13°41  | 0° 7   | 1° 2  | 15° 8 | n.a. |
| W27  | 22 35 26 | 8°28'42  | 20°24 | 18°20 | 28° 8  | 5° 4  | 25°34 | 13°12  | 0°14  | 6°40 | 13°40  | 0° 4   | 0°59  | 15°15 | n.a. |
| T 28 | 22 39 22 | 9°29'44  | 3♍22  | 19°52 | 27°48  | 5°39  | 25°36 | 13°11  | 0°15  | 6°41 | 13°39  | 0° 1   | 0°56  | 15°22 | n.a. |
| F 29 | 22 43 19 | 10°30'47 | 16° 6 | 21°25 | 27°26  | 6°13  | 25°38 | 13° 9  | 0°15  | 6°43 | 13°38  | 29♌59  | 0°53  | 15°28 | n.a. |
| S 30 | 22 47 16 | 11♍31'52 | 28♍35 | 22♍56 | 27♍ 2  | 6♅48  | 25♅39 | 13♅ 8  | 0♐15  | 6♅44 | 13♁37  | 29°D59 | 0°Y49 | 15♄35 | n.a. |

Delta T = 24h48m09s Julian Calendar 1 Sept. 3337 BCE == Greg. Calendar 5 Aug. 3337 BCE  
 The year -3336 astronomical counting style corresponds to year 3337 B.C.E historical counting style.

OCTOBER 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽      | ♀      | ♂      | ♃     | ♄      | ♅      | ♆     | ♇    | ♁      | ♂     | ♆     | ♅     |      |
|------|----------|----------|--------|--------|--------|-------|--------|--------|-------|------|--------|-------|-------|-------|------|
| S 1  | 22 51 12 | 12♍32'57 | 10♌51  | 24♍28  | 26°R36 | 7♅22  | 25♅41  | 13°R 7 | 0♐15  | 6♅45 | 13°R36 | 29♌59 | 0°Y46 | 15♄42 | n.a. |
| M 2  | 22 55 9  | 13°34'04 | 22°55  | 26° 0  | 26♍ 8  | 7°56  | 25°42  | 13♅ 5  | 0°R15 | 6°46 | 13♁35  | 0°Y 0 | 0°43  | 15°48 | n.a. |
| T 3  | 22 59 5  | 14°35'12 | 4♌51   | 27°31  | 25°38  | 8°30  | 25°43  | 13° 4  | 0°15  | 6°47 | 13°34  | 0° 2  | 0°40  | 15°55 | n.a. |
| W 4  | 23 3 2   | 15°36'21 | 16°41  | 29° 2  | 25° 7  | 9° 5  | 25°44  | 13° 3  | 0°15  | 6°48 | 13°33  | 0° 3  | 0°37  | 16° 2 | n.a. |
| T 5  | 23 6 58  | 16°37'30 | 28°31  | 0♌33   | 24°34  | 9°39  | 25°45  | 13° 3  | 0°15  | 6°49 | 13°32  | 0° 4  | 0°34  | 16° 9 | n.a. |
| F 6  | 23 10 55 | 17°38'41 | 10♌24  | 2° 3   | 24° 0  | 10°13 | 25°46  | 13° 2  | 0°14  | 6°50 | 13°31  | 0° 5  | 0°30  | 16°15 | n.a. |
| S 7  | 23 14 51 | 18°39'52 | 22°25  | 3°33   | 23°25  | 10°46 | 25°46  | 13° 1  | 0°14  | 6°51 | 13°30  | 0°R 5 | 0°27  | 16°22 | n.a. |
| S 8  | 23 18 48 | 19°41'04 | 4♅40   | 5° 3   | 22°49  | 11°20 | 25°R46 | 13° 1  | 0°14  | 6°52 | 13°29  | 0° 5  | 0°24  | 16°29 | n.a. |
| M 9  | 23 22 44 | 20°42'16 | 17°12  | 6°32   | 22°13  | 11°54 | 25°46  | 13° 0  | 0°13  | 6°53 | 13°28  | 0° 4  | 0°21  | 16°35 | n.a. |
| T 10 | 23 26 41 | 21°43'29 | 0♁ 5   | 8° 1   | 21°36  | 12°27 | 25°46  | 13° 0  | 0°13  | 6°54 | 13°27  | 0° 3  | 0°18  | 16°42 | n.a. |
| W11  | 23 30 38 | 22°44'43 | 13°22  | 9°29   | 21° 0  | 13° 1 | 25°45  | 13° 0  | 0°13  | 6°55 | 13°26  | 0° 2  | 0°14  | 16°49 | n.a. |
| T 12 | 23 34 34 | 23°45'57 | 27° 4  | 10°56  | 20°24  | 13°34 | 25°45  | 13°D 0 | 0°12  | 6°56 | 13°25  | 0° 1  | 0°11  | 16°55 | n.a. |
| F 13 | 23 38 31 | 24°47'12 | 11♌ 9  | 12°23  | 19°48  | 14° 8 | 25°44  | 13° 0  | 0°11  | 6°57 | 13°25  | 0° 0  | 0° 8  | 17° 2 | n.a. |
| S 14 | 23 42 27 | 25°48'28 | 25°33  | 13°49  | 19°13  | 14°41 | 25°43  | 13° 0  | 0°11  | 6°57 | 13°24  | 0°D 0 | 0° 5  | 17° 9 | n.a. |
| S 15 | 23 46 24 | 26°49'44 | 10°Y12 | 15°13  | 18°39  | 15°14 | 25°42  | 13° 0  | 0°10  | 6°58 | 13°23  | 0° 0  | 0° 2  | 17°15 | n.a. |
| M16  | 23 50 20 | 27°51'01 | 24°59  | 16°36  | 18° 7  | 15°47 | 25°40  | 13° 1  | 0° 9  | 6°59 | 13°22  | 0° 0  | 29♌59 | 17°22 | n.a. |
| T 17 | 23 54 17 | 28°52'18 | 9♅46   | 17°57  | 17°35  | 16°20 | 25°39  | 13° 1  | 0° 9  | 6°59 | 13°21  | 0° 0  | 29°55 | 17°29 | n.a. |
| W18  | 23 58 13 | 29°53'37 | 24°26  | 19°17  | 17° 6  | 16°53 | 25°37  | 13° 2  | 0° 8  | 7° 0 | 13°21  | 0°R 0 | 29°52 | 17°35 | n.a. |
| T 19 | 0 2 10   | 0♌54'56  | 8♐55   | 20°34  | 16°38  | 17°26 | 25°35  | 13° 3  | 0° 7  | 7° 1 | 13°20  | 0° 0  | 29°49 | 17°42 | n.a. |
| F 20 | 0 6 7    | 1°56'16  | 23° 8  | 21°49  | 16°12  | 17°59 | 25°33  | 13° 4  | 0° 6  | 7° 1 | 13°19  | 0° 0  | 29°46 | 17°49 | n.a. |
| S 21 | 0 10 3   | 2°57'37  | 7♅ 3   | 23° 1  | 15°49  | 18°32 | 25°30  | 13° 5  | 0° 5  | 7° 2 | 13°18  | 0°D 0 | 29°43 | 17°56 | n.a. |
| S 22 | 0 14 0   | 3°58'59  | 20°40  | 24° 9  | 15°27  | 19° 4 | 25°28  | 13° 6  | 0° 4  | 7° 2 | 13°18  | 0° 0  | 29°40 | 18° 2 | n.a. |
| M23  | 0 17 56  | 5° 0'21  | 4♎ 0   | 25°13  | 15° 8  | 19°37 | 25°25  | 13° 7  | 0° 3  | 7° 3 | 13°17  | 0° 1  | 29°36 | 18° 9 | n.a. |
| T 24 | 0 21 53  | 6° 1'44  | 17° 4  | 26°13  | 14°52  | 20° 9 | 25°22  | 13° 8  | 0° 1  | 7° 3 | 13°16  | 0° 1  | 29°33 | 18°16 | n.a. |
| W25  | 0 25 49  | 7° 3'07  | 29°53  | 27° 7  | 14°38  | 20°41 | 25°19  | 13°10  | 0° 0  | 7° 3 | 13°16  | 0° 2  | 29°30 | 18°22 | n.a. |
| T 26 | 0 29 46  | 8° 4'31  | 12♍29  | 27°55  | 14°26  | 21°13 | 25°15  | 13°11  | 29♅59 | 7° 4 | 13°15  | 0° 3  | 29°27 | 18°29 | n.a. |
| F 27 | 0 33 42  | 9° 5'55  | 24°53  | 28°37  | 14°17  | 21°45 | 25°12  | 13°13  | 29°58 | 7° 4 | 13°15  | 0°R 3 | 29°24 | 18°36 | n.a. |
| S 28 | 0 37 39  | 10° 7'19 | 7♌ 8   | 29°10  | 14°10  | 22°17 | 25° 8  | 13°15  | 29°56 | 7° 4 | 13°14  | 0° 3  | 29°20 | 18°42 | n.a. |
| S 29 | 0 41 36  | 11° 8'43 | 19°13  | 29°35  | 14° 6  | 22°49 | 25° 4  | 13°16  | 29°55 | 7° 5 | 13°14  | 0° 2  | 29°17 | 18°49 | n.a. |
| M30  | 0 45 32  | 12°10'07 | 1♌11   | 29°50  | 14°D 4 | 23°21 | 25° 0  | 13°18  | 29°53 | 7° 5 | 13°13  | 0° 1  | 29°14 | 18°56 | n.a. |
| T 31 | 0 49 29  | 13♌11'32 | 13♌ 5  | 29°R54 | 14♍ 5  | 23♅52 | 24♅56  | 13♅21  | 29♅52 | 7♅ 5 | 13♁12  | 29♌59 | 29♌11 | 19♄ 2 | n.a. |

Delta T = 24h48m06s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [7.2.2007]

SWISS EPHEMERIS for the year 3337 BCE

NOVEMBER 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀      | ♁     | ♂     | ♃      | ♄     | ♅      | ♆    | ♇      | ♈      | ♉     | ♊     | ♋    |
|------|---------|----------|-------|--------|-------|-------|--------|-------|--------|------|--------|--------|-------|-------|------|
| W 1  | 0 53 25 | 14♌12'56 | 24♍54 | 29°R48 | 14♎8  | 24♏24 | 24°R51 | 13♐23 | 29°R50 | 7♑5  | 13°R12 | 29°R57 | 29♒8  | 19♓9  | n.a. |
| T 2  | 0 57 22 | 15°14'20 | 6♌44  | 29♎30  | 14°13 | 24°55 | 24♏46  | 13°25 | 29♑49  | 7°5  | 13♐12  | 29♒55  | 29°5  | 19°16 | n.a. |
| F 3  | 1 1 18  | 16°15'43 | 18°37 | 29°0   | 14°21 | 25°26 | 24°42  | 13°27 | 29°47  | 7°5  | 13°11  | 29°52  | 29°1  | 19°23 | n.a. |
| S 4  | 1 5 15  | 17°17'06 | 0♌36  | 28°18  | 14°31 | 25°57 | 24°37  | 13°30 | 29°45  | 7°R5 | 13°11  | 29°51  | 28°58 | 19°29 | n.a. |
| S 5  | 1 9 11  | 18°18'29 | 12°47 | 27°25  | 14°44 | 26°28 | 24°31  | 13°33 | 29°44  | 7°5  | 13°10  | 29°D50 | 28°55 | 19°36 | n.a. |
| M 6  | 1 13 8  | 19°19'52 | 25°13 | 26°23  | 14°58 | 26°59 | 24°26  | 13°35 | 29°42  | 7°5  | 13°10  | 29°50  | 28°52 | 19°43 | n.a. |
| T 7  | 1 17 5  | 20°21'13 | 8♌0   | 25°13  | 15°15 | 27°29 | 24°21  | 13°38 | 29°40  | 7°5  | 13°9   | 29°51  | 28°49 | 19°49 | n.a. |
| W 8  | 1 21 1  | 21°22'34 | 21°10 | 23°56  | 15°33 | 28°0  | 24°15  | 13°41 | 29°38  | 7°5  | 13°9   | 29°52  | 28°45 | 19°56 | n.a. |
| T 9  | 1 24 58 | 22°23'55 | 4♌47  | 22°36  | 15°54 | 28°30 | 24°9   | 13°44 | 29°36  | 7°5  | 13°9   | 29°54  | 28°42 | 20°3  | n.a. |
| F 10 | 1 28 54 | 23°25'14 | 18°51 | 21°16  | 16°16 | 29°0  | 24°3   | 13°47 | 29°34  | 7°5  | 13°9   | 29°55  | 28°39 | 20°9  | n.a. |
| S 11 | 1 32 51 | 24°26'33 | 3♌22  | 19°57  | 16°41 | 29°30 | 23°57  | 13°50 | 29°32  | 7°4  | 13°8   | 29°R55 | 28°36 | 20°16 | n.a. |
| S 12 | 1 36 47 | 25°27'52 | 18°14 | 18°42  | 17°7  | 0♌0   | 23°51  | 13°54 | 29°30  | 7°4  | 13°8   | 29°54  | 28°33 | 20°23 | n.a. |
| M13  | 1 40 44 | 26°29'09 | 3♌21  | 17°34  | 17°35 | 0°30  | 23°45  | 13°57 | 29°28  | 7°4  | 13°8   | 29°52  | 28°30 | 20°29 | n.a. |
| T 14 | 1 44 40 | 27°30'27 | 18°32 | 16°33  | 18°4  | 1°0   | 23°39  | 14°1  | 29°26  | 7°4  | 13°8   | 29°48  | 28°26 | 20°36 | n.a. |
| W15  | 1 48 37 | 28°31'44 | 3♌39  | 15°41  | 18°36 | 1°29  | 23°32  | 14°4  | 29°24  | 7°3  | 13°7   | 29°44  | 28°23 | 20°43 | n.a. |
| T 16 | 1 52 34 | 29°33'00 | 18°31 | 14°59  | 19°8  | 1°58  | 23°25  | 14°8  | 29°22  | 7°3  | 13°7   | 29°40  | 28°20 | 20°50 | n.a. |
| F 17 | 1 56 30 | 0♌34'17  | 3♌2   | 14°26  | 19°42 | 2°27  | 23°18  | 14°12 | 29°20  | 7°3  | 13°7   | 29°36  | 28°17 | 20°56 | n.a. |
| S 18 | 2 0 27  | 1°35'32  | 17°8  | 14°4   | 20°18 | 2°56  | 23°12  | 14°16 | 29°18  | 7°2  | 13°7   | 29°34  | 28°14 | 21°3  | n.a. |
| S 19 | 2 4 23  | 2°36'47  | 0♌49  | 13°50  | 20°55 | 3°25  | 23°5   | 14°20 | 29°16  | 7°2  | 13°7   | 29°D33 | 28°11 | 21°10 | n.a. |
| M20  | 2 8 20  | 3°38'02  | 14°4  | 13°D46 | 21°33 | 3°54  | 22°57  | 14°24 | 29°13  | 7°1  | 13°7   | 29°33  | 28°7  | 21°16 | n.a. |
| T 21 | 2 12 16 | 4°39'16  | 26°58 | 13°50  | 22°13 | 4°22  | 22°50  | 14°28 | 29°11  | 7°1  | 13°7   | 29°35  | 28°4  | 21°23 | n.a. |
| W22  | 2 16 13 | 5°40'29  | 9♌33  | 14°3   | 22°54 | 4°50  | 22°43  | 14°32 | 29°9   | 7°0  | 13°7   | 29°37  | 28°1  | 21°30 | n.a. |
| T 23 | 2 20 9  | 6°41'42  | 21°53 | 14°22  | 23°36 | 5°18  | 22°35  | 14°37 | 29°6   | 6°59 | 13°D7  | 29°38  | 27°58 | 21°36 | n.a. |
| F 24 | 2 24 6  | 7°42'54  | 4♌3   | 14°48  | 24°19 | 5°46  | 22°28  | 14°41 | 29°4   | 6°59 | 13°7   | 29°R38 | 27°55 | 21°43 | n.a. |
| S 25 | 2 28 3  | 8°44'05  | 16°4  | 15°19  | 25°3  | 6°14  | 22°20  | 14°46 | 29°2   | 6°58 | 13°7   | 29°37  | 27°51 | 21°50 | n.a. |
| S 26 | 2 31 59 | 9°45'15  | 28°0  | 15°57  | 25°48 | 6°41  | 22°13  | 14°51 | 28°59  | 6°57 | 13°7   | 29°33  | 27°48 | 21°57 | n.a. |
| M27  | 2 35 56 | 10°46'24 | 9♌52  | 16°39  | 26°34 | 7°8   | 22°5   | 14°55 | 28°57  | 6°57 | 13°7   | 29°27  | 27°45 | 22°3  | n.a. |
| T 28 | 2 39 52 | 11°47'31 | 21°43 | 17°25  | 27°21 | 7°35  | 21°57  | 15°0  | 28°54  | 6°56 | 13°7   | 29°20  | 27°42 | 22°10 | n.a. |
| W29  | 2 43 49 | 12°48'38 | 3♌34  | 18°16  | 28°9  | 8°2   | 21°49  | 15°5  | 28°52  | 6°55 | 13°7   | 29°11  | 27°39 | 22°17 | n.a. |
| T 30 | 2 47 45 | 13♌49'44 | 15♌26 | 19°10  | 28♌58 | 8♌28  | 21♌42  | 15♌10 | 28♌49  | 6♌54 | 13♌7   | 29♌2   | 27♌36 | 22♌23 | n.a. |

Delta T = 24h48m03s Julian Calendar 1 Nov. 3337 BCE == Greg. Calendar 5 Oct. 3337 BCE  
 The year -3336 astronomical counting style corresponds to year 3337 B.C.E historical counting style.

DECEMBER 3337 BCE (-3336) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀     | ♁     | ♂     | ♃      | ♄     | ♅      | ♆     | ♇     | ♈      | ♉     | ♊     | ♋    |
|------|---------|----------|-------|-------|-------|-------|--------|-------|--------|-------|-------|--------|-------|-------|------|
| F 1  | 2 51 42 | 14♌50'48 | 27♌22 | 20♌7  | 29♎47 | 8♏55  | 21°R34 | 15♐15 | 28°R47 | 6°R53 | 13♐7  | 28°R53 | 27♒32 | 22♓30 | n.a. |
| S 2  | 2 55 38 | 15°51'50 | 9♌23  | 21°8  | 0♌38  | 9°21  | 21♌26  | 15°20 | 28♌44  | 6♌53  | 13°8  | 28♌46  | 27°29 | 22°37 | n.a. |
| S 3  | 2 59 35 | 16°52'52 | 21°34 | 22°11 | 1°29  | 9°46  | 21°18  | 15°25 | 28°42  | 6°52  | 13°8  | 28°40  | 27°26 | 22°43 | n.a. |
| M 4  | 3 3 32  | 17°53'51 | 3♌58  | 23°16 | 2°21  | 10°12 | 21°10  | 15°31 | 28°39  | 6°51  | 13°8  | 28°37  | 27°23 | 22°50 | n.a. |
| T 5  | 3 7 28  | 18°54'49 | 16°38 | 24°24 | 3°13  | 10°37 | 21°2   | 15°36 | 28°37  | 6°50  | 13°8  | 28°D36 | 27°20 | 22°57 | n.a. |
| W 6  | 3 11 25 | 19°55'45 | 29°39 | 25°34 | 4°6   | 11°2  | 20°54  | 15°42 | 28°34  | 6°49  | 13°9  | 28°36  | 27°17 | 23°4  | n.a. |
| T 7  | 3 15 21 | 20°56'39 | 13♌5  | 26°46 | 5°0   | 11°27 | 20°46  | 15°47 | 28°31  | 6°48  | 13°9  | 28°37  | 27°13 | 23°10 | n.a. |
| F 8  | 3 19 18 | 21°57'32 | 26°58 | 27°59 | 5°55  | 11°52 | 20°38  | 15°53 | 28°29  | 6°47  | 13°9  | 28°R38 | 27°10 | 23°17 | n.a. |
| S 9  | 3 23 14 | 22°58'23 | 11♌19 | 29°14 | 6°50  | 12°16 | 20°30  | 15°58 | 28°26  | 6°46  | 13°10 | 28°37  | 27°7  | 23°24 | n.a. |
| S 10 | 3 27 11 | 23°59'12 | 26°6  | 0♌31  | 7°46  | 12°40 | 20°22  | 16°4  | 28°24  | 6°45  | 13°10 | 28°35  | 27°4  | 23°30 | n.a. |
| M11  | 3 31 7  | 24°59'59 | 11♌13 | 1°49  | 8°42  | 13°3  | 20°14  | 16°10 | 28°21  | 6°43  | 13°10 | 28°29  | 27°1  | 23°37 | n.a. |
| T 12 | 3 35 4  | 26°0'45  | 26°33 | 3°8   | 9°39  | 13°27 | 20°6   | 16°16 | 28°18  | 6°42  | 13°11 | 28°22  | 26°57 | 23°44 | n.a. |
| W13  | 3 39 1  | 27°1'29  | 11♌53 | 4°29  | 10°36 | 13°50 | 19°58  | 16°22 | 28°16  | 6°41  | 13°11 | 28°13  | 26°54 | 23°50 | n.a. |
| T 14 | 3 42 57 | 28°2'12  | 27°2  | 5°51  | 11°34 | 14°13 | 19°50  | 16°28 | 28°13  | 6°40  | 13°12 | 28°3   | 26°51 | 23°57 | n.a. |
| F 15 | 3 46 54 | 29°2'53  | 11♌50 | 7°14  | 12°32 | 14°35 | 19°42  | 16°34 | 28°11  | 6°39  | 13°12 | 27°55  | 26°48 | 24°4  | n.a. |
| S 16 | 3 50 50 | 0♌3'33   | 26°11 | 8°38  | 13°31 | 14°57 | 19°34  | 16°40 | 28°8   | 6°37  | 13°13 | 27°48  | 26°45 | 24°11 | n.a. |
| S 17 | 3 54 47 | 1°4'11   | 10♌3  | 10°3  | 14°30 | 15°19 | 19°27  | 16°46 | 28°5   | 6°36  | 13°13 | 27°44  | 26°42 | 24°17 | n.a. |
| M18  | 3 58 43 | 2°4'48   | 23°24 | 11°29 | 15°30 | 15°40 | 19°19  | 16°52 | 28°3   | 6°35  | 13°14 | 27°42  | 26°38 | 24°24 | n.a. |
| T 19 | 4 2 40  | 3°5'23   | 6♌19  | 12°56 | 16°30 | 16°2  | 19°11  | 16°59 | 28°0   | 6°34  | 13°14 | 27°D41 | 26°35 | 24°31 | n.a. |
| W20  | 4 6 36  | 4°5'56   | 18°51 | 14°24 | 17°30 | 16°22 | 19°4   | 17°5  | 27°57  | 6°32  | 13°15 | 27°42  | 26°32 | 24°37 | n.a. |
| T 21 | 4 10 33 | 5°6'28   | 1♌6   | 15°53 | 18°31 | 16°43 | 18°56  | 17°11 | 27°55  | 6°31  | 13°16 | 27°R42 | 26°29 | 24°44 | n.a. |
| F 22 | 4 14 30 | 6°6'58   | 13°9  | 17°24 | 19°32 | 17°3  | 18°49  | 17°18 | 27°52  | 6°30  | 13°16 | 27°41  | 26°26 | 24°51 | n.a. |
| S 23 | 4 18 26 | 7°7'27   | 25°3  | 18°55 | 20°34 | 17°22 | 18°42  | 17°24 | 27°50  | 6°28  | 13°17 | 27°37  | 26°22 | 24°57 | n.a. |
| S 24 | 4 22 23 | 8°7'54   | 6♌54  | 20°27 | 21°36 | 17°42 | 18°35  | 17°31 | 27°47  | 6°27  | 13°17 | 27°31  | 26°19 | 25°4  | n.a. |
| M25  | 4 26 19 | 9°8'19   | 18°43 | 22°0  | 22°38 | 18°1  | 18°27  | 17°38 | 27°45  | 6°25  | 13°18 | 27°21  | 26°16 | 25°11 | n.a. |
| T 26 | 4 30 16 | 10°8'43  | 0♌33  | 23°33 | 23°40 | 18°19 | 18°20  | 17°44 | 27°42  | 6°24  | 13°19 | 27°10  | 26°13 | 25°18 | n.a. |
| W27  | 4 34 12 | 11°9'04  | 12°27 | 25°8  | 24°43 | 18°37 | 18°14  | 17°51 | 27°39  | 6°22  | 13°20 | 26°56  | 26°10 | 25°24 | n.a. |
| T 28 | 4 38 9  | 12°9'24  | 24°24 | 26°44 | 25°46 | 18°55 | 18°7   | 17°58 | 27°37  | 6°21  | 13°20 | 26°42  | 26°7  | 25°31 | n.a. |
| F 29 | 4 42 5  | 13°9'41  | 6♌28  | 28°21 | 26°50 | 19°12 | 18°0   | 18°5  | 27°34  | 6°20  | 13°21 | 26°28  | 26°3  | 25°38 | n.a. |
| S 30 | 4 46 2  | 14°9'56  | 18°38 | 29°59 | 27°53 | 19°29 | 17°54  | 18°12 | 27°32  | 6°18  | 13°22 | 26°16  | 26°0  | 25°44 | n.a. |
| S 31 | 4 49 59 | 15♌10'09 | 0♌56  | 1♌37  | 28♌57 | 19♌45 | 17♌47  | 18♌19 | 27♌29  | 6♌17  | 13♌23 | 26♌6   | 25♌57 | 25♌51 | n.a. |

Delta T = 24h48m00s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [7.2.2007]