

SWISS EPHEMERIS for the year 2016 BCE

JANUARY 2016 BCE (-2015) JC

00:00 UT

| Day | Sid.t   | ☉        | ☽     | ♀     | ♂     | ♃      | ♄      | ♅    | ♆     | ♇      | ♁     | ♂      | ♆      | ♁     | ♂    |
|-----|---------|----------|-------|-------|-------|--------|--------|------|-------|--------|-------|--------|--------|-------|------|
| S 1 | 5 32 50 | 25♂14'09 | 13♂26 | 29♂48 | 8≈ 9  | 13°R30 | 26♂26  | 3♂ 4 | 28≈47 | 28°R48 | 4°R37 | 24°R 2 | 23°Y 3 | 18≈24 | n.a. |
| S 2 | 5 36 46 | 26°14'40 | 28° 1 | 0♂28  | 9°18  | 13♂25  | 26°31  | 3°11 | 28°49 | 28♂47  | 4♂36  | 23°Y56 | 23° 0  | 18°31 | n.a. |
| M 3 | 5 40 43 | 27°15'09 | 12♂21 | 1°11  | 10°26 | 13°20  | 26°36  | 3°18 | 28°51 | 28°46  | 4°35  | 23°D52 | 22°56  | 18°37 | n.a. |
| T 4 | 5 44 39 | 28°15'36 | 26°24 | 1°59  | 11°35 | 13°16  | 26°40  | 3°25 | 28°53 | 28°44  | 4°34  | 23°D52 | 22°53  | 18°44 | n.a. |
| W 5 | 5 48 36 | 29°16'02 | 10♂ 9 | 2°50  | 12°43 | 13°13  | 26°45  | 3°31 | 28°55 | 28°43  | 4°32  | 23°52  | 22°50  | 18°51 | n.a. |
| T 6 | 5 52 32 | 0♂16'27  | 23°38 | 3°44  | 13°52 | 13°11  | 26°49  | 3°38 | 28°57 | 28°42  | 4°31  | 23°R53 | 22°47  | 18°57 | n.a. |
| F 7 | 5 56 29 | 1°16'50  | 6♂52  | 4°41  | 15° 0 | 13°10  | 26°53  | 3°45 | 28°59 | 28°40  | 4°30  | 23°52  | 22°44  | 19° 4 | n.a. |
| S 8 | 6 0 26  | 2°17'11  | 19°53 | 5°41  | 16° 8 | 13°D 9 | 26°57  | 3°51 | 29° 1 | 28°39  | 4°29  | 23°49  | 22°41  | 19°11 | n.a. |
| S 9 | 6 4 22  | 3°17'31  | 2♂42  | 6°44  | 17°15 | 13° 9  | 27° 1  | 3°58 | 29° 4 | 28°37  | 4°28  | 23°44  | 22°37  | 19°18 | n.a. |
| M10 | 6 8 19  | 4°17'49  | 15°22 | 7°49  | 18°23 | 13°10  | 27° 5  | 4° 4 | 29° 6 | 28°36  | 4°27  | 23°35  | 22°34  | 19°24 | n.a. |
| T11 | 6 12 15 | 5°18'05  | 27°51 | 8°56  | 19°30 | 13°11  | 27° 8  | 4°11 | 29° 8 | 28°34  | 4°26  | 23°24  | 22°31  | 19°31 | n.a. |
| W12 | 6 16 12 | 6°18'19  | 10♂10 | 10° 5 | 20°37 | 13°14  | 27°11  | 4°17 | 29°11 | 28°33  | 4°24  | 23°10  | 22°28  | 19°38 | n.a. |
| T13 | 6 20 8  | 7°18'31  | 22°21 | 11°16 | 21°44 | 13°17  | 27°15  | 4°24 | 29°13 | 28°31  | 4°23  | 22°57  | 22°25  | 19°44 | n.a. |
| F14 | 6 24 5  | 8°18'40  | 4≈23  | 12°29 | 22°51 | 13°20  | 27°17  | 4°30 | 29°15 | 28°30  | 4°22  | 22°43  | 22°21  | 19°51 | n.a. |
| S15 | 6 28 1  | 9°18'48  | 16°18 | 13°44 | 23°57 | 13°25  | 27°20  | 4°36 | 29°18 | 28°28  | 4°21  | 22°31  | 22°18  | 19°58 | n.a. |
| S16 | 6 31 58 | 10°18'53 | 28° 9 | 15° 1 | 25° 3 | 13°30  | 27°23  | 4°43 | 29°20 | 28°27  | 4°20  | 22°22  | 22°15  | 20° 5 | n.a. |
| M17 | 6 35 55 | 11°18'56 | 9♂58  | 16°19 | 26° 9 | 13°36  | 27°25  | 4°49 | 29°23 | 28°25  | 4°19  | 22°15  | 22°12  | 20°11 | n.a. |
| T18 | 6 39 51 | 12°18'57 | 21°49 | 17°39 | 27°15 | 13°42  | 27°27  | 4°55 | 29°25 | 28°24  | 4°18  | 22°11  | 22° 9  | 20°18 | n.a. |
| W19 | 6 43 48 | 13°18'56 | 3°Y48 | 19° 0 | 28°20 | 13°49  | 27°29  | 5° 1 | 29°28 | 28°22  | 4°17  | 22°10  | 22° 6  | 20°25 | n.a. |
| T20 | 6 47 44 | 14°18'52 | 15°59 | 20°23 | 29°26 | 13°57  | 27°31  | 5° 7 | 29°31 | 28°20  | 4°16  | 22° 9  | 22° 2  | 20°31 | n.a. |
| F21 | 6 51 41 | 15°18'45 | 28°27 | 21°47 | 0♂30  | 14° 5  | 27°33  | 5°13 | 29°33 | 28°19  | 4°15  | 22° 9  | 21°59  | 20°38 | n.a. |
| S22 | 6 55 37 | 16°18'36 | 11♂18 | 23°12 | 1°35  | 14°14  | 27°34  | 5°19 | 29°36 | 28°17  | 4°14  | 22° 8  | 21°56  | 20°45 | n.a. |
| S23 | 6 59 34 | 17°18'25 | 24°36 | 24°39 | 2°39  | 14°23  | 27°35  | 5°25 | 29°39 | 28°16  | 4°13  | 22° 5  | 21°53  | 20°52 | n.a. |
| M24 | 7 3 30  | 18°18'12 | 8♂23  | 26° 7 | 3°43  | 14°34  | 27°36  | 5°31 | 29°41 | 28°14  | 4°12  | 22° 0  | 21°50  | 20°58 | n.a. |
| T25 | 7 7 27  | 19°17'56 | 22°40 | 27°36 | 4°47  | 14°44  | 27°37  | 5°37 | 29°44 | 28°12  | 4°11  | 21°51  | 21°47  | 21° 5 | n.a. |
| W26 | 7 11 24 | 20°17'38 | 7♂22  | 29° 6 | 5°50  | 14°55  | 27°38  | 5°43 | 29°47 | 28°11  | 4°10  | 21°41  | 21°43  | 21°12 | n.a. |
| T27 | 7 15 20 | 21°17'18 | 22°23 | 0♂38  | 6°53  | 15° 7  | 27°38  | 5°48 | 29°50 | 28° 9  | 4°10  | 21°29  | 21°40  | 21°18 | n.a. |
| F28 | 7 19 17 | 22°16'55 | 7♂34  | 2°11  | 7°56  | 15°19  | 27°39  | 5°54 | 29°53 | 28° 8  | 4° 9  | 21°18  | 21°37  | 21°25 | n.a. |
| S29 | 7 23 13 | 23°16'30 | 22°42 | 3°46  | 8°58  | 15°32  | 27°R39 | 6° 0 | 29°55 | 28° 6  | 4° 8  | 21° 8  | 21°34  | 21°32 | n.a. |
| S30 | 7 27 10 | 24°16'04 | 7♂39  | 5°21  | 10° 0 | 15°45  | 27°39  | 6° 5 | 29°58 | 28° 4  | 4° 7  | 21° 1  | 21°31  | 21°38 | n.a. |
| M31 | 7 31 6  | 25♂15'35 | 22♂17 | 6♂58  | 11♂ 2 | 15♂59  | 27♂39  | 6♂11 | 0♂ 1  | 28♂ 3  | 4♂ 6  | 20°Y56 | 21°Y27 | 21≈45 | n.a. |

Delta T = 13h33m41s Julian Calendar 1 Jan. 2016 BCE == Greg. Calendar 15 Dec. 2017 BCE  
 The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

FEBRUARY 2016 BCE (-2015) JC

00:00 UT

| Day | Sid.t   | ☉        | ☽     | ♀     | ♂     | ♃     | ♄      | ♅    | ♆    | ♇      | ♁     | ♂      | ♆      | ♁     | ♂    |
|-----|---------|----------|-------|-------|-------|-------|--------|------|------|--------|-------|--------|--------|-------|------|
| T 1 | 7 35 3  | 26♂15'04 | 6♂32  | 8♂36  | 12♂ 3 | 16♂13 | 27°R38 | 6♂16 | 0♂ 4 | 28°R 1 | 4°R 6 | 20°R54 | 21°Y24 | 21≈52 | n.a. |
| W 2 | 7 39 0  | 27°14'31 | 20°23 | 10°15 | 13° 4 | 16°28 | 27♂37  | 6°21 | 0° 7 | 27♂59  | 4♂ 5  | 20°Y54 | 21°21  | 21°59 | n.a. |
| T 3 | 7 42 56 | 28°13'56 | 3♂51  | 11°56 | 14° 4 | 16°43 | 27°37  | 6°27 | 0°10 | 27°58  | 4° 4  | 20°54  | 21°18  | 22° 5 | n.a. |
| F 4 | 7 46 53 | 29°13'20 | 16°58 | 13°37 | 15° 4 | 16°59 | 27°36  | 6°32 | 0°13 | 27°56  | 4° 4  | 20°53  | 21°15  | 22°12 | n.a. |
| S 5 | 7 50 49 | 0≈12'41  | 29°47 | 15°21 | 16° 3 | 17°15 | 27°34  | 6°37 | 0°16 | 27°54  | 4° 3  | 20°50  | 21°12  | 22°19 | n.a. |
| S 6 | 7 54 46 | 1°12'01  | 12♂23 | 17° 5 | 17° 3 | 17°32 | 27°33  | 6°42 | 0°19 | 27°53  | 4° 2  | 20°44  | 21° 8  | 22°25 | n.a. |
| M 7 | 7 58 42 | 2°11'19  | 24°47 | 18°51 | 18° 1 | 17°49 | 27°32  | 6°47 | 0°23 | 27°51  | 4° 2  | 20°36  | 21° 5  | 22°32 | n.a. |
| T 8 | 8 2 39  | 3°10'34  | 7♂ 1  | 20°38 | 18°59 | 18° 6 | 27°30  | 6°52 | 0°26 | 27°49  | 4° 1  | 20°25  | 21° 2  | 22°39 | n.a. |
| W 9 | 8 6 35  | 4° 9'48  | 19° 8 | 22°26 | 19°57 | 18°24 | 27°28  | 6°57 | 0°29 | 27°48  | 4° 0  | 20°11  | 20°59  | 22°46 | n.a. |
| T10 | 8 10 32 | 5° 8'59  | 1≈ 9  | 24°16 | 20°54 | 18°42 | 27°26  | 7° 2 | 0°32 | 27°46  | 4° 0  | 19°58  | 20°56  | 22°52 | n.a. |
| F11 | 8 14 29 | 6° 8'08  | 13° 5 | 26° 7 | 21°51 | 19° 1 | 27°23  | 7° 7 | 0°35 | 27°44  | 3°59  | 19°44  | 20°53  | 22°59 | n.a. |
| S12 | 8 18 25 | 7° 7'15  | 24°56 | 27°59 | 22°47 | 19°20 | 27°21  | 7°12 | 0°38 | 27°43  | 3°59  | 19°32  | 20°49  | 23° 6 | n.a. |
| S13 | 8 22 22 | 8° 6'19  | 6♂46  | 29°53 | 23°43 | 19°39 | 27°18  | 7°16 | 0°42 | 27°41  | 3°58  | 19°22  | 20°46  | 23°12 | n.a. |
| M14 | 8 26 18 | 9° 5'21  | 18°35 | 1≈48  | 24°38 | 19°59 | 27°15  | 7°21 | 0°45 | 27°40  | 3°58  | 19°15  | 20°43  | 23°19 | n.a. |
| T15 | 8 30 15 | 10° 4'21 | 0°Y28 | 3°44  | 25°32 | 20°19 | 27°12  | 7°25 | 0°48 | 27°38  | 3°57  | 19°11  | 20°40  | 23°26 | n.a. |
| W16 | 8 34 11 | 11° 3'18 | 12°27 | 5°42  | 26°26 | 20°40 | 27° 9  | 7°30 | 0°51 | 27°36  | 3°57  | 19°10  | 20°37  | 23°32 | n.a. |
| T17 | 8 38 8  | 12° 2'13 | 24°37 | 7°41  | 27°19 | 21° 0 | 27° 6  | 7°34 | 0°55 | 27°35  | 3°57  | 19°D10 | 20°33  | 23°39 | n.a. |
| F18 | 8 42 4  | 13° 1'05 | 7♂ 3  | 9°41  | 28°12 | 21°22 | 27° 2  | 7°38 | 0°58 | 27°33  | 3°56  | 19°R10 | 20°30  | 23°46 | n.a. |
| S19 | 8 46 1  | 13°59'55 | 19°50 | 11°42 | 29° 3 | 21°43 | 26°59  | 7°43 | 1° 1 | 27°32  | 3°56  | 19°10  | 20°27  | 23°53 | n.a. |
| S20 | 8 49 58 | 14°58'43 | 3♂ 2  | 13°44 | 29°55 | 22° 5 | 26°55  | 7°47 | 1° 5 | 27°30  | 3°56  | 19° 9  | 20°24  | 23°59 | n.a. |
| M21 | 8 53 54 | 15°57'28 | 16°43 | 15°48 | 0°Y45 | 22°27 | 26°51  | 7°51 | 1° 8 | 27°28  | 3°55  | 19° 5  | 20°21  | 24° 6 | n.a. |
| T22 | 8 57 51 | 16°56'11 | 0♂53  | 17°52 | 1°34  | 22°49 | 26°46  | 7°55 | 1°11 | 27°27  | 3°55  | 18°59  | 20°18  | 24°13 | n.a. |
| W23 | 9 1 47  | 17°54'51 | 15°32 | 19°57 | 2°23  | 23°12 | 26°42  | 7°59 | 1°15 | 27°25  | 3°55  | 18°51  | 20°14  | 24°19 | n.a. |
| T24 | 9 5 44  | 18°53'29 | 0♂34  | 22° 2 | 3°11  | 23°35 | 26°38  | 8° 3 | 1°18 | 27°24  | 3°55  | 18°42  | 20°11  | 24°26 | n.a. |
| F25 | 9 9 40  | 19°52'05 | 15°50 | 24° 8 | 3°58  | 23°59 | 26°33  | 8° 6 | 1°21 | 27°22  | 3°54  | 18°33  | 20° 8  | 24°33 | n.a. |
| S26 | 9 13 37 | 20°50'39 | 1♂ 8  | 26°13 | 4°44  | 24°22 | 26°28  | 8°10 | 1°25 | 27°21  | 3°54  | 18°26  | 20° 5  | 24°39 | n.a. |
| S27 | 9 17 33 | 21°49'10 | 16°19 | 28°19 | 5°30  | 24°46 | 26°23  | 8°13 | 1°28 | 27°19  | 3°54  | 18°20  | 20° 2  | 24°46 | n.a. |
| M28 | 9 21 30 | 22≈47'40 | 1≈13  | 0♂24  | 6°Y14 | 25♂10 | 26♂18  | 8♂17 | 1♂31 | 27♂18  | 3♂54  | 18°Y16 | 19°Y59 | 24≈53 | n.a. |

Delta T = 13h33m39s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 2016 BCE

MARCH 2016 BCE (-2015) JC

00:00 UT

| Day  | Sid.t    | ☉                      | ☽                   | ♀                   | ♂                   | ♃                   | ♄                   | ♅                  | ♆                  | ♇                   | ♁                  | ♂                   | ♆                   | ♁                   | ♂    |
|------|----------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|--------------------|---------------------|---------------------|---------------------|------|
| T 1  | 9 25 27  | 23 <sup>46</sup> 07'07 | 15 <sup>42</sup> 29 | 2 <sup>28</sup> 28  | 6 <sup>57</sup> 57  | 25 <sup>34</sup> 34 | 26 <sup>13</sup> 13 | 8 <sup>20</sup> 20 | 1 <sup>35</sup> 35 | 27 <sup>16</sup> 16 | 3 <sup>54</sup> 54 | 18 <sup>15</sup> 15 | 19 <sup>55</sup> 55 | 25 <sup>00</sup> 00 | n.a. |
| W 2  | 9 29 23  | 24 <sup>44</sup> 33    | 29 <sup>45</sup> 45 | 4 <sup>31</sup> 31  | 7 <sup>39</sup> 39  | 25 <sup>59</sup> 59 | 26 <sup>07</sup> 07 | 8 <sup>24</sup> 24 | 1 <sup>38</sup> 38 | 27 <sup>15</sup> 15 | 3 <sup>54</sup> 54 | 18 <sup>16</sup> 16 | 19 <sup>52</sup> 52 | 25 <sup>06</sup> 06 | n.a. |
| T 3  | 9 33 20  | 25 <sup>42</sup> 57    | 13 <sup>18</sup> 21 | 6 <sup>33</sup> 33  | 8 <sup>21</sup> 21  | 26 <sup>24</sup> 24 | 26 <sup>02</sup> 02 | 8 <sup>27</sup> 27 | 1 <sup>42</sup> 42 | 27 <sup>14</sup> 14 | 3 <sup>54</sup> 54 | 18 <sup>17</sup> 17 | 19 <sup>49</sup> 49 | 25 <sup>13</sup> 13 | n.a. |
| F 4  | 9 37 16  | 26 <sup>41</sup> 20    | 26 <sup>31</sup> 31 | 8 <sup>33</sup> 33  | 9 <sup>01</sup> 01  | 26 <sup>49</sup> 49 | 25 <sup>56</sup> 56 | 8 <sup>30</sup> 30 | 1 <sup>45</sup> 45 | 27 <sup>12</sup> 12 | 3 <sup>54</sup> 54 | 18 <sup>17</sup> 17 | 19 <sup>46</sup> 46 | 25 <sup>20</sup> 20 | n.a. |
| S 5  | 9 41 13  | 27 <sup>39</sup> 40    | 9 <sup>20</sup> 20  | 10 <sup>30</sup> 30 | 9 <sup>40</sup> 40  | 27 <sup>14</sup> 14 | 25 <sup>50</sup> 50 | 8 <sup>33</sup> 33 | 1 <sup>49</sup> 49 | 27 <sup>11</sup> 11 | 3 <sup>54</sup> 54 | 18 <sup>16</sup> 16 | 19 <sup>43</sup> 43 | 25 <sup>26</sup> 26 | n.a. |
| S 6  | 9 45 9   | 28 <sup>37</sup> 59    | 21 <sup>51</sup> 51 | 12 <sup>26</sup> 26 | 10 <sup>17</sup> 17 | 27 <sup>40</sup> 40 | 25 <sup>44</sup> 44 | 8 <sup>36</sup> 36 | 1 <sup>52</sup> 52 | 27 <sup>09</sup> 09 | 3 <sup>54</sup> 54 | 18 <sup>14</sup> 14 | 19 <sup>39</sup> 39 | 25 <sup>33</sup> 33 | n.a. |
| M 7  | 9 49 6   | 29 <sup>36</sup> 17    | 4 <sup>38</sup> 38  | 14 <sup>18</sup> 18 | 10 <sup>54</sup> 54 | 28 <sup>06</sup> 06 | 25 <sup>38</sup> 38 | 8 <sup>39</sup> 39 | 1 <sup>55</sup> 55 | 27 <sup>08</sup> 08 | 3 <sup>54</sup> 54 | 18 <sup>09</sup> 09 | 19 <sup>36</sup> 36 | 25 <sup>40</sup> 40 | n.a. |
| T 8  | 9 53 2   | 0 <sup>34</sup> 32     | 16 <sup>15</sup> 15 | 16 <sup>08</sup> 08 | 11 <sup>29</sup> 29 | 28 <sup>32</sup> 32 | 25 <sup>32</sup> 32 | 8 <sup>42</sup> 42 | 1 <sup>59</sup> 59 | 27 <sup>07</sup> 07 | 3 <sup>54</sup> 54 | 18 <sup>02</sup> 02 | 19 <sup>33</sup> 33 | 25 <sup>46</sup> 46 | n.a. |
| W 9  | 9 56 59  | 1 <sup>32</sup> 46     | 28 <sup>13</sup> 13 | 17 <sup>54</sup> 54 | 12 <sup>03</sup> 03 | 28 <sup>58</sup> 58 | 25 <sup>26</sup> 26 | 8 <sup>44</sup> 44 | 2 <sup>02</sup> 02 | 27 <sup>05</sup> 05 | 3 <sup>54</sup> 54 | 17 <sup>54</sup> 54 | 19 <sup>30</sup> 30 | 25 <sup>53</sup> 53 | n.a. |
| T 10 | 10 0 56  | 2 <sup>30</sup> 58     | 10 <sup>08</sup> 08 | 19 <sup>37</sup> 37 | 12 <sup>36</sup> 36 | 29 <sup>25</sup> 25 | 25 <sup>19</sup> 19 | 8 <sup>47</sup> 47 | 2 <sup>06</sup> 06 | 27 <sup>04</sup> 04 | 3 <sup>54</sup> 54 | 17 <sup>45</sup> 45 | 19 <sup>27</sup> 27 | 26 <sup>00</sup> 00 | n.a. |
| F 11 | 10 4 52  | 3 <sup>29</sup> 08     | 21 <sup>58</sup> 58 | 21 <sup>16</sup> 16 | 13 <sup>07</sup> 07 | 29 <sup>52</sup> 52 | 25 <sup>13</sup> 13 | 8 <sup>49</sup> 49 | 2 <sup>09</sup> 09 | 27 <sup>03</sup> 03 | 3 <sup>55</sup> 55 | 17 <sup>37</sup> 37 | 19 <sup>24</sup> 24 | 26 <sup>07</sup> 07 | n.a. |
| S 12 | 10 8 49  | 4 <sup>27</sup> 16     | 3 <sup>48</sup> 48  | 22 <sup>52</sup> 52 | 13 <sup>37</sup> 37 | 0 <sup>18</sup> 18  | 25 <sup>06</sup> 06 | 8 <sup>52</sup> 52 | 2 <sup>13</sup> 13 | 27 <sup>02</sup> 02 | 3 <sup>55</sup> 55 | 17 <sup>29</sup> 29 | 19 <sup>20</sup> 20 | 26 <sup>13</sup> 13 | n.a. |
| S 13 | 10 12 45 | 5 <sup>25</sup> 22     | 15 <sup>39</sup> 39 | 24 <sup>23</sup> 23 | 14 <sup>05</sup> 05 | 0 <sup>46</sup> 46  | 25 <sup>00</sup> 00 | 8 <sup>54</sup> 54 | 2 <sup>16</sup> 16 | 27 <sup>00</sup> 00 | 3 <sup>55</sup> 55 | 17 <sup>23</sup> 23 | 19 <sup>17</sup> 17 | 26 <sup>20</sup> 20 | n.a. |
| M 14 | 10 16 42 | 6 <sup>23</sup> 27     | 27 <sup>32</sup> 32 | 25 <sup>50</sup> 50 | 14 <sup>31</sup> 31 | 1 <sup>13</sup> 13  | 24 <sup>53</sup> 53 | 8 <sup>56</sup> 56 | 2 <sup>19</sup> 19 | 26 <sup>59</sup> 59 | 3 <sup>55</sup> 55 | 17 <sup>20</sup> 20 | 19 <sup>14</sup> 14 | 26 <sup>27</sup> 27 | n.a. |
| T 15 | 10 20 38 | 7 <sup>21</sup> 29     | 9 <sup>30</sup> 30  | 27 <sup>13</sup> 13 | 14 <sup>56</sup> 56 | 1 <sup>41</sup> 41  | 24 <sup>46</sup> 46 | 8 <sup>59</sup> 59 | 2 <sup>23</sup> 23 | 26 <sup>58</sup> 58 | 3 <sup>55</sup> 55 | 17 <sup>18</sup> 18 | 19 <sup>11</sup> 11 | 26 <sup>33</sup> 33 | n.a. |
| W 16 | 10 24 35 | 8 <sup>19</sup> 30     | 21 <sup>36</sup> 36 | 28 <sup>31</sup> 31 | 15 <sup>19</sup> 19 | 2 <sup>08</sup> 08  | 24 <sup>39</sup> 39 | 9 <sup>01</sup> 01 | 2 <sup>26</sup> 26 | 26 <sup>57</sup> 57 | 3 <sup>56</sup> 56 | 17 <sup>17</sup> 17 | 19 <sup>08</sup> 08 | 26 <sup>40</sup> 40 | n.a. |
| T 17 | 10 28 31 | 9 <sup>17</sup> 28     | 3 <sup>52</sup> 52  | 29 <sup>45</sup> 45 | 15 <sup>41</sup> 41 | 2 <sup>36</sup> 36  | 24 <sup>32</sup> 32 | 9 <sup>03</sup> 03 | 2 <sup>30</sup> 30 | 26 <sup>56</sup> 56 | 3 <sup>56</sup> 56 | 17 <sup>18</sup> 18 | 19 <sup>04</sup> 04 | 26 <sup>47</sup> 47 | n.a. |
| F 18 | 10 32 28 | 10 <sup>15</sup> 25    | 16 <sup>22</sup> 22 | 0 <sup>55</sup> 55  | 16 <sup>00</sup> 00 | 3 <sup>04</sup> 04  | 24 <sup>25</sup> 25 | 9 <sup>05</sup> 05 | 2 <sup>33</sup> 33 | 26 <sup>55</sup> 55 | 3 <sup>56</sup> 56 | 17 <sup>20</sup> 20 | 19 <sup>01</sup> 01 | 26 <sup>53</sup> 53 | n.a. |
| S 19 | 10 36 25 | 11 <sup>13</sup> 19    | 29 <sup>10</sup> 10 | 1 <sup>59</sup> 59  | 16 <sup>18</sup> 18 | 3 <sup>33</sup> 33  | 24 <sup>17</sup> 17 | 9 <sup>06</sup> 06 | 2 <sup>36</sup> 36 | 26 <sup>53</sup> 53 | 3 <sup>57</sup> 57 | 17 <sup>21</sup> 21 | 18 <sup>58</sup> 58 | 27 <sup>00</sup> 00 | n.a. |
| S 20 | 10 40 21 | 12 <sup>11</sup> 12    | 12 <sup>11</sup> 20 | 2 <sup>59</sup> 59  | 16 <sup>33</sup> 33 | 4 <sup>01</sup> 01  | 24 <sup>10</sup> 10 | 9 <sup>08</sup> 08 | 2 <sup>40</sup> 40 | 26 <sup>52</sup> 52 | 3 <sup>57</sup> 57 | 17 <sup>22</sup> 22 | 18 <sup>55</sup> 55 | 27 <sup>07</sup> 07 | n.a. |
| M 21 | 10 44 18 | 13 <sup>09</sup> 03    | 25 <sup>54</sup> 54 | 3 <sup>55</sup> 55  | 16 <sup>47</sup> 47 | 4 <sup>30</sup> 30  | 24 <sup>03</sup> 03 | 9 <sup>10</sup> 10 | 2 <sup>43</sup> 43 | 26 <sup>51</sup> 51 | 3 <sup>58</sup> 58 | 17 <sup>21</sup> 21 | 18 <sup>52</sup> 52 | 27 <sup>13</sup> 13 | n.a. |
| T 22 | 10 48 14 | 14 <sup>06</sup> 51    | 9 <sup>55</sup> 55  | 4 <sup>45</sup> 45  | 16 <sup>58</sup> 58 | 4 <sup>59</sup> 59  | 23 <sup>55</sup> 55 | 9 <sup>11</sup> 11 | 2 <sup>47</sup> 47 | 26 <sup>50</sup> 50 | 3 <sup>58</sup> 58 | 17 <sup>19</sup> 19 | 18 <sup>49</sup> 49 | 27 <sup>20</sup> 20 | n.a. |
| W 23 | 10 52 11 | 15 <sup>04</sup> 38    | 24 <sup>21</sup> 21 | 5 <sup>30</sup> 30  | 17 <sup>08</sup> 08 | 5 <sup>28</sup> 28  | 23 <sup>48</sup> 48 | 9 <sup>12</sup> 12 | 2 <sup>50</sup> 50 | 26 <sup>49</sup> 49 | 3 <sup>59</sup> 59 | 17 <sup>16</sup> 16 | 18 <sup>45</sup> 45 | 27 <sup>27</sup> 27 | n.a. |
| T 24 | 10 56 07 | 16 <sup>02</sup> 23    | 9 <sup>09</sup> 09  | 6 <sup>11</sup> 11  | 17 <sup>15</sup> 15 | 5 <sup>57</sup> 57  | 23 <sup>41</sup> 41 | 9 <sup>14</sup> 14 | 2 <sup>53</sup> 53 | 26 <sup>48</sup> 48 | 3 <sup>59</sup> 59 | 17 <sup>11</sup> 11 | 18 <sup>42</sup> 42 | 27 <sup>34</sup> 34 | n.a. |
| F 25 | 11 0 04  | 17 <sup>00</sup> 06    | 24 <sup>13</sup> 13 | 6 <sup>47</sup> 47  | 17 <sup>20</sup> 20 | 6 <sup>26</sup> 26  | 23 <sup>33</sup> 33 | 9 <sup>15</sup> 15 | 2 <sup>57</sup> 57 | 26 <sup>47</sup> 47 | 4 <sup>00</sup> 00 | 17 <sup>07</sup> 07 | 18 <sup>39</sup> 39 | 27 <sup>40</sup> 40 | n.a. |
| S 26 | 11 4 00  | 17 <sup>57</sup> 47    | 9 <sup>17</sup> 24  | 7 <sup>17</sup> 17  | 17 <sup>22</sup> 22 | 6 <sup>56</sup> 56  | 23 <sup>26</sup> 26 | 9 <sup>16</sup> 16 | 3 <sup>00</sup> 00 | 26 <sup>47</sup> 47 | 4 <sup>00</sup> 00 | 17 <sup>03</sup> 03 | 18 <sup>36</sup> 36 | 27 <sup>47</sup> 47 | n.a. |
| S 27 | 11 7 57  | 18 <sup>55</sup> 27    | 24 <sup>33</sup> 33 | 7 <sup>42</sup> 42  | 17 <sup>23</sup> 23 | 7 <sup>26</sup> 26  | 23 <sup>18</sup> 18 | 9 <sup>17</sup> 17 | 3 <sup>03</sup> 03 | 26 <sup>46</sup> 46 | 4 <sup>01</sup> 01 | 17 <sup>01</sup> 01 | 18 <sup>33</sup> 33 | 27 <sup>54</sup> 54 | n.a. |
| M 28 | 11 11 54 | 19 <sup>53</sup> 05    | 9 <sup>29</sup> 29  | 8 <sup>03</sup> 03  | 17 <sup>21</sup> 21 | 7 <sup>55</sup> 55  | 23 <sup>10</sup> 10 | 9 <sup>18</sup> 18 | 3 <sup>07</sup> 07 | 26 <sup>45</sup> 45 | 4 <sup>01</sup> 01 | 17 <sup>00</sup> 00 | 18 <sup>30</sup> 30 | 28 <sup>00</sup> 00 | n.a. |
| T 29 | 11 15 50 | 20 <sup>50</sup> 41    | 24 <sup>06</sup> 06 | 8 <sup>18</sup> 18  | 17 <sup>16</sup> 16 | 8 <sup>25</sup> 25  | 23 <sup>03</sup> 03 | 9 <sup>19</sup> 19 | 3 <sup>10</sup> 10 | 26 <sup>44</sup> 44 | 4 <sup>02</sup> 02 | 16 <sup>59</sup> 59 | 18 <sup>26</sup> 26 | 28 <sup>07</sup> 07 | n.a. |
| W 30 | 11 19 47 | 21 <sup>48</sup> 17    | 8 <sup>18</sup> 18  | 8 <sup>28</sup> 28  | 17 <sup>09</sup> 09 | 8 <sup>55</sup> 55  | 22 <sup>55</sup> 55 | 9 <sup>19</sup> 19 | 3 <sup>13</sup> 13 | 26 <sup>43</sup> 43 | 4 <sup>03</sup> 03 | 17 <sup>00</sup> 00 | 18 <sup>23</sup> 23 | 28 <sup>14</sup> 14 | n.a. |
| T 31 | 11 23 43 | 22 <sup>45</sup> 51    | 22 <sup>18</sup> 18 | 8 <sup>33</sup> 33  | 17 <sup>00</sup> 00 | 9 <sup>26</sup> 26  | 22 <sup>47</sup> 47 | 9 <sup>20</sup> 20 | 3 <sup>17</sup> 17 | 26 <sup>42</sup> 42 | 4 <sup>03</sup> 03 | 17 <sup>02</sup> 02 | 18 <sup>20</sup> 20 | 28 <sup>20</sup> 20 | n.a. |

Delta T = 13h33m37s Julian Calendar 1 March 2016 BCE == Greg. Calendar 12 Feb. 2016 BCE  
 The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

APRIL 2016 BCE (-2015) JC

00:00 UT

| Day  | Sid.t    | ☉                   | ☽                   | ♀                  | ♂                   | ♃                   | ♄                   | ♅                  | ♆                  | ♇                   | ♁                  | ♂                   | ♆                   | ♁                   | ♂    |
|------|----------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|--------------------|---------------------|---------------------|---------------------|------|
| F 1  | 11 27 40 | 23 <sup>43</sup> 24 | 5 <sup>27</sup> 21  | 8 <sup>34</sup> 34 | 16 <sup>48</sup> 48 | 9 <sup>11</sup> 56  | 22 <sup>40</sup> 40 | 9 <sup>21</sup> 21 | 3 <sup>20</sup> 20 | 26 <sup>42</sup> 42 | 4 <sup>11</sup> 4  | 17 <sup>03</sup> 03 | 18 <sup>17</sup> 17 | 28 <sup>27</sup> 27 | n.a. |
| S 2  | 11 31 36 | 24 <sup>40</sup> 56 | 18 <sup>15</sup> 15 | 8 <sup>29</sup> 29 | 16 <sup>34</sup> 34 | 10 <sup>27</sup> 27 | 22 <sup>32</sup> 32 | 9 <sup>21</sup> 21 | 3 <sup>23</sup> 23 | 26 <sup>41</sup> 41 | 4 <sup>05</sup> 4  | 17 <sup>04</sup> 04 | 18 <sup>14</sup> 14 | 28 <sup>34</sup> 34 | n.a. |
| S 3  | 11 35 33 | 25 <sup>38</sup> 27 | 0 <sup>38</sup> 48  | 8 <sup>20</sup> 20 | 16 <sup>17</sup> 17 | 10 <sup>57</sup> 57 | 22 <sup>25</sup> 25 | 9 <sup>21</sup> 21 | 3 <sup>26</sup> 26 | 26 <sup>40</sup> 40 | 4 <sup>05</sup> 4  | 17 <sup>04</sup> 04 | 18 <sup>10</sup> 10 | 28 <sup>41</sup> 41 | n.a. |
| M 4  | 11 39 29 | 26 <sup>35</sup> 57 | 13 <sup>04</sup> 04 | 8 <sup>07</sup> 07 | 15 <sup>58</sup> 58 | 11 <sup>28</sup> 28 | 22 <sup>17</sup> 17 | 9 <sup>22</sup> 22 | 3 <sup>30</sup> 30 | 26 <sup>40</sup> 40 | 4 <sup>06</sup> 06 | 17 <sup>03</sup> 03 | 18 <sup>07</sup> 07 | 28 <sup>47</sup> 47 | n.a. |
| T 5  | 11 43 26 | 27 <sup>33</sup> 26 | 25 <sup>08</sup> 08 | 7 <sup>50</sup> 50 | 15 <sup>37</sup> 37 | 11 <sup>59</sup> 59 | 22 <sup>09</sup> 09 | 9 <sup>22</sup> 22 | 3 <sup>33</sup> 33 | 26 <sup>39</sup> 39 | 4 <sup>07</sup> 07 | 17 <sup>02</sup> 02 | 18 <sup>04</sup> 04 | 28 <sup>54</sup> 54 | n.a. |
| W 6  | 11 47 23 | 28 <sup>30</sup> 53 | 7 <sup>08</sup> 08  | 7 <sup>29</sup> 29 | 15 <sup>14</sup> 14 | 12 <sup>30</sup> 30 | 22 <sup>02</sup> 02 | 9 <sup>22</sup> 22 | 3 <sup>36</sup> 36 | 26 <sup>38</sup> 38 | 4 <sup>08</sup> 08 | 16 <sup>59</sup> 59 | 18 <sup>01</sup> 01 | 29 <sup>01</sup> 01 | n.a. |
| T 7  | 11 51 19 | 29 <sup>28</sup> 20 | 18 <sup>55</sup> 55 | 7 <sup>04</sup> 04 | 14 <sup>48</sup> 48 | 13 <sup>01</sup> 01 | 21 <sup>54</sup> 54 | 9 <sup>22</sup> 22 | 3 <sup>39</sup> 39 | 26 <sup>38</sup> 38 | 4 <sup>09</sup> 09 | 16 <sup>56</sup> 56 | 17 <sup>58</sup> 58 | 29 <sup>07</sup> 07 | n.a. |
| F 8  | 11 55 16 | 0 <sup>25</sup> 46  | 0 <sup>45</sup> 45  | 6 <sup>37</sup> 37 | 14 <sup>21</sup> 21 | 13 <sup>33</sup> 33 | 21 <sup>47</sup> 47 | 9 <sup>22</sup> 22 | 3 <sup>42</sup> 42 | 26 <sup>37</sup> 37 | 4 <sup>09</sup> 09 | 16 <sup>54</sup> 54 | 17 <sup>55</sup> 55 | 29 <sup>14</sup> 14 | n.a. |
| S 9  | 11 59 12 | 1 <sup>23</sup> 10  | 12 <sup>36</sup> 36 | 6 <sup>07</sup> 07 | 13 <sup>51</sup> 51 | 14 <sup>04</sup> 04 | 21 <sup>39</sup> 39 | 9 <sup>21</sup> 21 | 3 <sup>45</sup> 45 | 26 <sup>37</sup> 37 | 4 <sup>10</sup> 10 | 16 <sup>51</sup> 51 | 17 <sup>51</sup> 51 | 29 <sup>21</sup> 21 | n.a. |
| S 10 | 12 3 9   | 2 <sup>20</sup> 33  | 24 <sup>30</sup> 30 | 5 <sup>35</sup> 35 | 13 <sup>20</sup> 20 | 14 <sup>36</sup> 36 | 21 <sup>32</sup> 32 | 9 <sup>21</sup> 21 | 3 <sup>49</sup> 49 | 26 <sup>36</sup> 36 | 4 <sup>11</sup> 11 | 16 <sup>50</sup> 50 | 17 <sup>48</sup> 48 | 29 <sup>27</sup> 27 | n.a. |
| M 11 | 12 7 5   | 3 <sup>17</sup> 56  | 6 <sup>31</sup> 31  | 5 <sup>02</sup> 02 | 12 <sup>47</sup> 47 | 15 <sup>08</sup> 08 | 21 <sup>25</sup> 25 | 9 <sup>20</sup> 20 | 3 <sup>52</sup> 52 | 26 <sup>36</sup> 36 | 4 <sup>12</sup> 12 | 16 <sup>49</sup> 49 | 17 <sup>45</sup> 45 | 29 <sup>34</sup> 34 | n.a. |
| T 12 | 12 11 2  | 4 <sup>15</sup> 17  | 18 <sup>40</sup> 40 | 4 <sup>28</sup> 28 | 12 <sup>13</sup> 13 | 15 <sup>40</sup> 40 | 21 <sup>17</sup> 17 | 9 <sup>20</sup> 20 | 3 <sup>55</sup> 55 | 26 <sup>35</sup> 35 | 4 <sup>13</sup> 13 | 16 <sup>49</sup> 49 | 17 <sup>42</sup> 42 | 29 <sup>41</sup> 41 | n.a. |
| W 13 | 12 14 58 | 5 <sup>12</sup> 37  | 0 <sup>58</sup> 58  | 3 <sup>54</sup> 54 | 11 <sup>38</sup> 38 | 16 <sup>12</sup> 12 | 21 <sup>10</sup> 10 | 9 <sup>19</sup> 19 | 3 <sup>58</sup> 58 | 26 <sup>35</sup> 35 | 4 <sup>14</sup> 14 | 16 <sup>49</sup> 49 | 17 <sup>39</sup> 39 | 29 <sup>47</sup> 47 | n.a. |
| T 14 | 12 18 55 | 6 <sup>09</sup> 55  | 13 <sup>27</sup> 27 | 3 <sup>21</sup> 21 | 11 <sup>02</sup> 02 | 16 <sup>44</sup> 44 | 21 <sup>03</sup> 03 | 9 <sup>18</sup> 18 | 4 <sup>01</sup> 01 | 26 <sup>35</sup> 35 | 4 <sup>15</sup> 15 | 16 <sup>50</sup> 50 | 17 <sup>35</sup> 35 | 29 <sup>54</sup> 54 | n.a. |
| F 15 | 12 22 51 | 7 <sup>07</sup> 13  | 26 <sup>10</sup> 10 | 2 <sup>48</sup> 48 | 10 <sup>25</sup> 25 | 17 <sup>16</sup> 16 | 20 <sup>56</sup> 56 | 9 <sup>18</sup> 18 | 4 <sup>04</sup> 04 | 26 <sup>34</sup> 34 | 4 <sup>16</sup> 16 | 16 <sup>51</sup> 51 | 17 <sup>32</sup> 32 | 0 <sup>01</sup> 01  | n.a. |
| S 16 | 12 26 48 | 8 <sup>04</sup> 30  | 9 <sup>11</sup> 08  | 2 <sup>17</sup> 17 | 9 <sup>48</sup> 48  | 17 <sup>48</sup> 48 | 20 <sup>49</sup> 49 | 9 <sup>17</sup> 17 | 4 <sup>07</sup> 07 | 26 <sup>34</sup> 34 | 4 <sup>17</sup> 17 | 16 <sup>51</sup> 51 | 17 <sup>29</sup> 29 | 0 <sup>07</sup> 07  | n.a. |
| S 17 | 12 30 45 | 9 <sup>01</sup> 45  | 22 <sup>24</sup> 24 | 1<                 |                     |                     |                     |                    |                    |                     |                    |                     |                     |                     |      |

SWISS EPHEMERIS for the year 2016 BCE

MAY 2016 BCE (-2015) JC

00:00 UT

| Day  | Sid.t    | ☉         | ☽       | ♀      | ♁     | ♂       | ♃       | ♄     | ♅     | ♆      | ♇      | ♈      | ♉      | ♊     | ♋    | ♌ | ♍ |
|------|----------|-----------|---------|--------|-------|---------|---------|-------|-------|--------|--------|--------|--------|-------|------|---|---|
| S 1  | 13 25 56 | 22°21'41  | 9°310   | 1°Y29  | 1°R55 | 26°II 6 | 19°R15  | 8°R52 | 4°K48 | 26°E33 | 4°II34 | 16°R49 | 16°Y41 | 1°K48 | n.a. |   |   |
| M 2  | 13 29 53 | 23°18'45  | 21°29   | 2° 0   | 1°Y38 | 26°40   | 19°II10 | 8°K49 | 4°51  | 26°34  | 4°36   | 16°D49 | 16°38  | 1°54  | n.a. |   |   |
| T 3  | 13 33 49 | 24°15'50  | 3°K34   | 2°36   | 1°23  | 27°15   | 19° 5   | 8°47  | 4°54  | 26°34  | 4°37   | 16°Y49 | 16°35  | 2° 1  | n.a. |   |   |
| W 4  | 13 37 46 | 25°12'54  | 15°30   | 3°16   | 1°10  | 27°49   | 19° 0   | 8°44  | 4°56  | 26°34  | 4°38   | 16°50  | 16°32  | 2° 8  | n.a. |   |   |
| T 5  | 13 41 43 | 26° 9'58  | 27°21   | 4° 0   | 1° 0  | 28°23   | 18°55   | 8°42  | 4°58  | 26°35  | 4°40   | 16°51  | 16°29  | 2°15  | n.a. |   |   |
| F 6  | 13 45 39 | 27° 7'02  | 9°K11   | 4°49   | 0°52  | 28°57   | 18°50   | 8°39  | 5° 1  | 26°35  | 4°41   | 16°52  | 16°26  | 2°21  | n.a. |   |   |
| S 7  | 13 49 36 | 28° 4'05  | 21° 5   | 5°41   | 0°47  | 29°32   | 18°46   | 8°36  | 5° 3  | 26°35  | 4°42   | 16°53  | 16°22  | 2°28  | n.a. |   |   |
| S 8  | 13 53 32 | 29° 1'09  | 3°Y 5   | 6°38   | 0°44  | 0°E 7   | 18°41   | 8°34  | 5° 6  | 26°36  | 4°44   | 16°53  | 16°19  | 2°35  | n.a. |   |   |
| M 9  | 13 57 29 | 29°58'13  | 15°15   | 7°38   | 0°D43 | 0°41    | 18°37   | 8°31  | 5° 8  | 26°36  | 4°45   | 16°R54 | 16°16  | 2°41  | n.a. |   |   |
| T 10 | 14 1 25  | 0°E55'16  | 27°37   | 8°42   | 0°45  | 1°16    | 18°33   | 8°28  | 5°10  | 26°37  | 4°47   | 16°53  | 16°13  | 2°48  | n.a. |   |   |
| W11  | 14 5 22  | 1°52'20   | 10°B12  | 9°50   | 0°49  | 1°51    | 18°29   | 8°25  | 5°12  | 26°37  | 4°48   | 16°52  | 16°10  | 2°55  | n.a. |   |   |
| T 12 | 14 9 18  | 2°49'23   | 23° 1   | 11° 2  | 0°55  | 2°26    | 18°26   | 8°21  | 5°15  | 26°38  | 4°50   | 16°51  | 16° 7  | 3° 1  | n.a. |   |   |
| F 13 | 14 13 15 | 3°46'26   | 6°II 4  | 12°17  | 1° 3  | 3° 1    | 18°22   | 8°18  | 5°17  | 26°38  | 4°51   | 16°49  | 16° 3  | 3° 8  | n.a. |   |   |
| S 14 | 14 17 12 | 4°43'30   | 19°22   | 13°37  | 1°14  | 3°36    | 18°19   | 8°15  | 5°19  | 26°39  | 4°53   | 16°46  | 16° 0  | 3°15  | n.a. |   |   |
| S 15 | 14 21 8  | 5°40'33   | 2°E53   | 14°59  | 1°26  | 4°11    | 18°15   | 8°12  | 5°21  | 26°39  | 4°54   | 16°44  | 15°57  | 3°21  | n.a. |   |   |
| M16  | 14 25 5  | 6°37'35   | 16°37   | 16°25  | 1°41  | 4°46    | 18°12   | 8° 8  | 5°23  | 26°40  | 4°56   | 16°42  | 15°54  | 3°28  | n.a. |   |   |
| T 17 | 14 29 1  | 7°34'38   | 0°K33   | 17°55  | 1°57  | 5°22    | 18° 9   | 8° 5  | 5°25  | 26°41  | 4°57   | 16°41  | 15°51  | 3°35  | n.a. |   |   |
| W18  | 14 32 58 | 8°31'40   | 14°40   | 19°28  | 2°16  | 5°57    | 18° 7   | 8° 1  | 5°27  | 26°42  | 4°59   | 16°D41 | 15°47  | 3°41  | n.a. |   |   |
| T 19 | 14 36 54 | 9°28'42   | 28°55   | 21° 5  | 2°36  | 6°33    | 18° 4   | 7°58  | 5°29  | 26°42  | 5° 0   | 16°42  | 15°44  | 3°48  | n.a. |   |   |
| F 20 | 14 40 51 | 10°25'44  | 13°II18 | 22°45  | 2°57  | 7° 8    | 18° 2   | 7°54  | 5°31  | 26°43  | 5° 2   | 16°43  | 15°41  | 3°55  | n.a. |   |   |
| S 21 | 14 44 47 | 11°22'46  | 27°44   | 24°28  | 3°21  | 7°44    | 18° 0   | 7°50  | 5°32  | 26°44  | 5° 3   | 16°45  | 15°38  | 4° 1  | n.a. |   |   |
| S 22 | 14 48 44 | 12°19'48  | 12°A10  | 26°14  | 3°46  | 8°20    | 17°58   | 7°47  | 5°34  | 26°45  | 5° 5   | 16°R45 | 15°35  | 4° 8  | n.a. |   |   |
| M23  | 14 52 41 | 13°16'50  | 26°31   | 28° 3  | 4°13  | 8°56    | 17°56   | 7°43  | 5°36  | 26°46  | 5° 6   | 16°45  | 15°32  | 4°15  | n.a. |   |   |
| T 24 | 14 56 37 | 14°13'52  | 10°II42 | 29°55  | 4°41  | 9°32    | 17°54   | 7°39  | 5°38  | 26°47  | 5° 8   | 16°44  | 15°28  | 4°21  | n.a. |   |   |
| W25  | 15 0 34  | 15°10'55  | 24°39   | 1°B50  | 5°11  | 10° 8   | 17°53   | 7°35  | 5°39  | 26°48  | 5° 9   | 16°41  | 15°25  | 4°28  | n.a. |   |   |
| T 26 | 15 4 30  | 16° 7'58  | 8°K18   | 3°48   | 5°42  | 10°44   | 17°52   | 7°31  | 5°41  | 26°48  | 5°11   | 16°37  | 15°22  | 4°35  | n.a. |   |   |
| F 27 | 15 8 27  | 17° 5'01  | 21°36   | 5°47   | 6°15  | 11°20   | 17°50   | 7°27  | 5°43  | 26°49  | 5°13   | 16°32  | 15°19  | 4°42  | n.a. |   |   |
| S 28 | 15 12 23 | 18° 2'06  | 4°B34   | 7°49   | 6°49  | 11°56   | 17°50   | 7°23  | 5°44  | 26°51  | 5°14   | 16°27  | 15°16  | 4°48  | n.a. |   |   |
| S 29 | 15 16 20 | 18°59'11  | 17°12   | 9°53   | 7°24  | 12°32   | 17°49   | 7°19  | 5°46  | 26°52  | 5°16   | 16°23  | 15°13  | 4°55  | n.a. |   |   |
| M30  | 15 20 16 | 19°56'16  | 29°32   | 11°58  | 8° 1  | 13° 9   | 17°48   | 7°15  | 5°47  | 26°53  | 5°17   | 16°20  | 15° 9  | 5° 2  | n.a. |   |   |
| T 31 | 15 24 13 | 20°E53'23 | 11°K38  | 14°B 4 | 8°Y38 | 13°E45  | 17°II48 | 7°K11 | 5°K49 | 26°E54 | 5°II19 | 16°Y18 | 15°Y 6 | 5°K 8 | n.a. |   |   |

Delta T = 13h33m32s Julian Calendar 1 May 2016 BCE == Greg. Calendar 14 Apr. 2016 BCE  
 The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

JUNE 2016 BCE (-2015) JC

00:00 UT

| Day  | Sid.t    | ☉          | ☽       | ♀      | ♁     | ♂      | ♃       | ♄     | ♅     | ♆      | ♇      | ♈      | ♉      | ♊     | ♋    | ♌ | ♍ |
|------|----------|------------|---------|--------|-------|--------|---------|-------|-------|--------|--------|--------|--------|-------|------|---|---|
| W 1  | 15 28 10 | 21°B50'30  | 23°K34  | 16°B11 | 9°Y17 | 14°E22 | 17°R48  | 7°R 6 | 5°K50 | 26°E55 | 5°II21 | 16°D18 | 15°Y 3 | 5°K15 | n.a. |   |   |
| T 2  | 15 32 6  | 22°47'38   | 5°K25   | 18°19  | 9°57  | 14°59  | 17°D48  | 7°K 2 | 5°51  | 26°56  | 5°22   | 16°Y18 | 15° 0  | 5°22  | n.a. |   |   |
| F 3  | 15 36 3  | 23°44'47   | 17°16   | 20°27  | 10°38 | 15°35  | 17°II48 | 6°58  | 5°52  | 26°57  | 5°24   | 16°20  | 14°57  | 5°28  | n.a. |   |   |
| S 4  | 15 39 59 | 24°41'57   | 29°12   | 22°35  | 11°20 | 16°12  | 17°48   | 6°54  | 5°54  | 26°58  | 5°26   | 16°22  | 14°53  | 5°35  | n.a. |   |   |
| S 5  | 15 43 56 | 25°39'08   | 11°Y17  | 24°43  | 12° 3 | 16°49  | 17°49   | 6°49  | 5°55  | 27° 0  | 5°27   | 16°R23 | 14°50  | 5°42  | n.a. |   |   |
| M 6  | 15 47 52 | 26°36'20   | 23°35   | 26°50  | 12°47 | 17°26  | 17°49   | 6°45  | 5°56  | 27° 1  | 5°29   | 16°22  | 14°47  | 5°48  | n.a. |   |   |
| T 7  | 15 51 49 | 27°33'33   | 6°B10   | 28°57  | 13°31 | 18° 3  | 17°50   | 6°41  | 5°57  | 27° 2  | 5°31   | 16°21  | 14°44  | 5°55  | n.a. |   |   |
| W 8  | 15 55 45 | 28°30'47   | 19° 2   | 1°II 3 | 14°17 | 18°40  | 17°51   | 6°36  | 5°58  | 27° 4  | 5°32   | 16°17  | 14°41  | 6° 2  | n.a. |   |   |
| T 9  | 15 59 42 | 29°28'02   | 2°II12  | 3° 7   | 15° 4 | 19°17  | 17°53   | 6°32  | 5°59  | 27° 5  | 5°34   | 16°12  | 14°38  | 6° 8  | n.a. |   |   |
| F 10 | 16 3 39  | 0°II25'17  | 15°40   | 5°11   | 15°51 | 19°54  | 17°54   | 6°27  | 6° 0  | 27° 6  | 5°36   | 16° 5  | 14°34  | 6°15  | n.a. |   |   |
| S 11 | 16 7 35  | 1°22'34    | 29°23   | 7°13   | 16°39 | 20°32  | 17°56   | 6°23  | 6° 1  | 27° 8  | 5°37   | 15°57  | 14°31  | 6°22  | n.a. |   |   |
| S 12 | 16 11 32 | 2°19'51    | 13°E18  | 9°14   | 17°28 | 21° 9  | 17°58   | 6°19  | 6° 2  | 27° 9  | 5°39   | 15°50  | 14°28  | 6°28  | n.a. |   |   |
| M13  | 16 15 28 | 3°17'10    | 27°21   | 11°13  | 18°17 | 21°47  | 18° 0   | 6°14  | 6° 3  | 27°11  | 5°41   | 15°45  | 14°25  | 6°35  | n.a. |   |   |
| T 14 | 16 19 25 | 4°14'29    | 11°II29 | 13°11  | 19° 7 | 22°24  | 18° 2   | 6°10  | 6° 3  | 27°12  | 5°42   | 15°41  | 14°22  | 6°42  | n.a. |   |   |
| W15  | 16 23 21 | 5°11'48    | 25°40   | 15° 8  | 19°58 | 23° 2  | 18° 4   | 6° 5  | 6° 4  | 27°14  | 5°44   | 15°39  | 14°19  | 6°48  | n.a. |   |   |
| T 16 | 16 27 18 | 6° 9'08    | 9°II51  | 17° 3  | 20°50 | 23°39  | 18° 7   | 6° 1  | 6° 5  | 27°15  | 5°46   | 15°D38 | 14°15  | 6°55  | n.a. |   |   |
| F 17 | 16 31 14 | 7° 6'30    | 23°59   | 18°56  | 21°42 | 24°17  | 18° 9   | 5°56  | 6° 5  | 27°17  | 5°47   | 15°39  | 14°12  | 7° 2  | n.a. |   |   |
| S 18 | 16 35 11 | 8° 3'51    | 8°A 5   | 20°48  | 22°34 | 24°55  | 18°12   | 5°52  | 6° 6  | 27°18  | 5°49   | 15°40  | 14° 9  | 7° 8  | n.a. |   |   |
| S 19 | 16 39 8  | 9° 1'14    | 22° 6   | 22°38  | 23°28 | 25°33  | 18°15   | 5°47  | 6° 6  | 27°20  | 5°51   | 15°R40 | 14° 6  | 7°15  | n.a. |   |   |
| M20  | 16 43 4  | 9°58'38    | 6°II 1  | 24°26  | 24°22 | 26°11  | 18°18   | 5°43  | 6° 7  | 27°22  | 5°52   | 15°38  | 14° 3  | 7°22  | n.a. |   |   |
| T 21 | 16 47 1  | 10°56'03   | 19°47   | 26°13  | 25°16 | 26°49  | 18°22   | 5°38  | 6° 7  | 27°23  | 5°54   | 15°34  | 13°59  | 7°28  | n.a. |   |   |
| W22  | 16 50 57 | 11°53'29   | 3°K27   | 27°58  | 26°11 | 27°27  | 18°25   | 5°34  | 6° 8  | 27°25  | 5°56   | 15°28  | 13°56  | 7°35  | n.a. |   |   |
| T 23 | 16 54 54 | 12°50'57   | 16°44   | 29°42  | 27° 6 | 28° 5  | 18°29   | 5°30  | 6° 8  | 27°27  | 5°57   | 15°19  | 13°53  | 7°42  | n.a. |   |   |
| F 24 | 16 58 50 | 13°48'26   | 29°51   | 1°E24  | 28° 2 | 28°43  | 18°33   | 5°25  | 6° 8  | 27°28  | 5°59   | 15° 9  | 13°50  | 7°48  | n.a. |   |   |
| S 25 | 17 2 47  | 14°45'56   | 12°B40  | 3° 5   | 28°59 | 29°22  | 18°37   | 5°21  | 6° 8  | 27°30  | 6° 1   | 14°59  | 13°47  | 7°55  | n.a. |   |   |
| S 26 | 17 6 43  | 15°43'28   | 25°13   | 4°44   | 29°56 | 0°II 0 | 18°41   | 5°17  | 6° 9  | 27°32  | 6° 2   | 14°50  | 13°44  | 8° 2  | n.a. |   |   |
| M27  | 17 10 40 | 16°41'01   | 7°K30   | 6°21   | 0°B53 | 0°38   | 18°46   | 5°12  | 6° 9  | 27°34  | 6° 4   | 14°41  | 13°40  | 8° 8  | n.a. |   |   |
| T 28 | 17 14 37 | 17°38'36   | 19°34   | 7°57   | 1°51  | 1°17   | 18°50   | 5° 8  | 6° 9  | 27°35  | 6° 6   | 14°35  | 13°37  | 8°15  | n.a. |   |   |
| W29  | 17 18 33 | 18°36'12   | 1°K29   | 9°32   | 2°49  | 1°56   | 18°55   | 5° 4  | 6°R 9 | 27°37  | 6° 7   | 14°32  | 13°34  | 8°22  | n.a. |   |   |
| T 30 | 17 22 30 | 19°II33'50 | 13°K19  | 11°E 5 | 3°B48 | 2°II34 | 19°II 0 | 4°K59 | 6°K 9 | 27°E39 | 6°II 9 | 14°Y30 | 13°Y31 | 8°K29 | n.a. |   |   |

Delta T = 13h33m30s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 2016 BCE

JULY 2016 BCE (-2015) JC

00:00 UT

| Day  | Sid.t    | ☉         | ☽      | ♀     | ♂     | ♃     | ♄     | ♅     | ♆     | ♇     | ♁     | ♂      | ♆      | ♁      |      |
|------|----------|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|------|
| F 1  | 17 26 26 | 20II31'30 | 25♋ 9  | 12♌36 | 4♍47  | 3♎13  | 19♏ 5 | 4♐R55 | 6♑R 9 | 27♒41 | 6♓11  | 14°D30 | 13♑V28 | 8♒35   | n.a. |
| S 2  | 17 30 23 | 21°29'12  | 7♑ 5   | 14° 6 | 5°47  | 3°52  | 19°10 | 4♐♑51 | 6♑ 9  | 27°43 | 6°12  | 14♑V31 | 13°24  | 8°42   | n.a. |
| S 3  | 17 34 19 | 22°26'56  | 19°12  | 15°34 | 6°47  | 4°31  | 19°15 | 4°47  | 6° 8  | 27°45 | 6°14  | 14°R31 | 13°21  | 8°49   | n.a. |
| M 4  | 17 38 16 | 23°24'41  | 1♌34   | 17° 1 | 7°47  | 5°10  | 19°21 | 4°43  | 6° 8  | 27°47 | 6°16  | 14°29  | 13°18  | 8°55   | n.a. |
| T 5  | 17 42 12 | 24°22'29  | 14°17  | 18°26 | 8°47  | 5°49  | 19°26 | 4°39  | 6° 8  | 27°48 | 6°17  | 14°26  | 13°15  | 9° 2   | n.a. |
| W 6  | 17 46 9  | 25°20'18  | 27°21  | 19°50 | 9°48  | 6°28  | 19°32 | 4°35  | 6° 8  | 27°50 | 6°19  | 14°20  | 13°12  | 9° 9   | n.a. |
| T 7  | 17 50 6  | 26°18'09  | 10II50 | 21°12 | 10°50 | 7° 7  | 19°38 | 4°31  | 6° 7  | 27°52 | 6°20  | 14°11  | 13° 9  | 9°15   | n.a. |
| F 8  | 17 54 2  | 27°16'02  | 24°40  | 22°32 | 11°51 | 7°46  | 19°44 | 4°27  | 6° 7  | 27°54 | 6°22  | 14° 1  | 13° 5  | 9°22   | n.a. |
| S 9  | 17 57 59 | 28°13'56  | 8♌48   | 23°50 | 12°53 | 8°25  | 19°50 | 4°23  | 6° 6  | 27°56 | 6°24  | 13°50  | 13° 2  | 9°29   | n.a. |
| S 10 | 18 1 55  | 29°11'53  | 23°10  | 25° 7 | 13°55 | 9° 5  | 19°57 | 4°19  | 6° 6  | 27°58 | 6°25  | 13°39  | 12°59  | 9°35   | n.a. |
| M11  | 18 5 52  | 0♌ 9'51   | 7♎39   | 26°22 | 14°58 | 9°44  | 20° 3 | 4°15  | 6° 5  | 28° 0 | 6°27  | 13°30  | 12°56  | 9°42   | n.a. |
| T 12 | 18 9 48  | 1° 7'50   | 22° 8  | 27°34 | 16° 1 | 10°24 | 20°10 | 4°11  | 6° 5  | 28° 2 | 6°28  | 13°23  | 12°53  | 9°49   | n.a. |
| W13  | 18 13 45 | 2° 5'51   | 6♎33   | 28°45 | 17° 4 | 11° 3 | 20°17 | 4° 8  | 6° 4  | 28° 4 | 6°30  | 13°18  | 12°50  | 9°55   | n.a. |
| T 14 | 18 17 42 | 3° 3'53   | 20°49  | 29°54 | 18° 7 | 11°43 | 20°24 | 4° 4  | 6° 3  | 28° 6 | 6°31  | 13°16  | 12°46  | 10° 2  | n.a. |
| F 15 | 18 21 38 | 4° 1'57   | 4♌55   | 1♎ 1  | 19°11 | 12°23 | 20°31 | 4° 0  | 6° 2  | 28° 9 | 6°33  | 13°16  | 12°43  | 10° 9  | n.a. |
| S 16 | 18 25 35 | 5° 0'03   | 18°50  | 2° 5  | 20°15 | 13° 2 | 20°38 | 3°57  | 6° 2  | 28°11 | 6°34  | 13°16  | 12°40  | 10°15  | n.a. |
| S 17 | 18 29 31 | 5°58'10   | 2♎34   | 3° 7  | 21°19 | 13°42 | 20°45 | 3°54  | 6° 1  | 28°13 | 6°36  | 13°15  | 12°37  | 10°22  | n.a. |
| M18  | 18 33 28 | 6°56'19   | 16° 8  | 4° 7  | 22°23 | 14°22 | 20°53 | 3°50  | 6° 0  | 28°15 | 6°37  | 13°12  | 12°34  | 10°29  | n.a. |
| T 19 | 18 37 24 | 7°54'29   | 29°31  | 5° 3  | 23°28 | 15° 2 | 21° 0 | 3°47  | 5°59  | 28°17 | 6°39  | 13° 6  | 12°30  | 10°35  | n.a. |
| W20  | 18 41 21 | 8°52'41   | 12♑43  | 5°57  | 24°33 | 15°42 | 21° 8 | 3°44  | 5°58  | 28°19 | 6°40  | 12°58  | 12°27  | 10°42  | n.a. |
| T 21 | 18 45 17 | 9°50'56   | 25°43  | 6°48  | 25°38 | 16°22 | 21°16 | 3°40  | 5°57  | 28°21 | 6°42  | 12°46  | 12°24  | 10°49  | n.a. |
| F 22 | 18 49 14 | 10°49'12  | 8♌32   | 7°36  | 26°43 | 17° 2 | 21°24 | 3°37  | 5°56  | 28°23 | 6°43  | 12°34  | 12°21  | 10°55  | n.a. |
| S 23 | 18 53 11 | 11°47'30  | 21° 7  | 8°20  | 27°49 | 17°43 | 21°32 | 3°34  | 5°55  | 28°25 | 6°45  | 12°20  | 12°18  | 11° 2  | n.a. |
| S 24 | 18 57 7  | 12°45'50  | 3♌30   | 9° 0  | 28°55 | 18°23 | 21°41 | 3°31  | 5°54  | 28°28 | 6°46  | 12° 7  | 12°15  | 11° 9  | n.a. |
| M25  | 19 1 4   | 13°44'12  | 15°40  | 9°37  | 0II 1 | 19° 3 | 21°49 | 3°29  | 5°52  | 28°30 | 6°48  | 11°56  | 12°11  | 11°15  | n.a. |
| T 26 | 19 5 0   | 14°42'36  | 27°40  | 10° 9 | 1° 7  | 19°44 | 21°57 | 3°26  | 5°51  | 28°32 | 6°49  | 11°48  | 12° 8  | 11°22  | n.a. |
| W27  | 19 8 57  | 15°41'03  | 9♋32   | 10°37 | 2°13  | 20°24 | 22° 6 | 3°23  | 5°50  | 28°34 | 6°50  | 11°42  | 12° 5  | 11°29  | n.a. |
| T 28 | 19 12 53 | 16°39'31  | 21°20  | 11° 0 | 3°20  | 21° 5 | 22°15 | 3°20  | 5°48  | 28°36 | 6°52  | 11°38  | 12° 2  | 11°35  | n.a. |
| F 29 | 19 16 50 | 17°38'02  | 3♑ 8   | 11°17 | 4°27  | 21°45 | 22°24 | 3°18  | 5°47  | 28°39 | 6°53  | 11°37  | 11°59  | 11°42  | n.a. |
| S 30 | 19 20 46 | 18°36'36  | 15° 2  | 11°30 | 5°34  | 22°26 | 22°33 | 3°15  | 5°46  | 28°41 | 6°54  | 11°37  | 11°56  | 11°49  | n.a. |
| S 31 | 19 24 43 | 19♌35'12  | 27♑ 8  | 11♎36 | 6II41 | 23♎ 7 | 22♏42 | 3♐13  | 5♑44  | 28♒43 | 6II56 | 11♑V37 | 11♑V52 | 11♑V55 | n.a. |

Delta T = 13h33m28s Julian Calendar 1 July 2016 BCE == Greg. Calendar 14 June 2016 BCE  
 The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

AUGUST 2016 BCE (-2015) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽      | ♀      | ♂     | ♃     | ♄     | ♅     | ♆     | ♇     | ♁     | ♂      | ♆      | ♁      |      |
|------|----------|----------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|------|
| M 1  | 19 28 40 | 20♌33'50 | 9♌29   | 11°R37 | 7II49 | 23♎48 | 22♏51 | 3°R11 | 5°R43 | 28♒45 | 6II57 | 11°R36 | 11♑V49 | 12♑ 2  | n.a. |
| T 2  | 19 32 36 | 21°32'30 | 22°12  | 11♎30  | 8°57  | 24°29 | 23° 0 | 3♐ 8  | 5♑41  | 28°47 | 6°58  | 11♑V32 | 11°46  | 12° 9  | n.a. |
| W 3  | 19 36 33 | 22°31'13 | 5II21  | 11°18  | 10° 4 | 25°10 | 23°10 | 3° 6  | 5°40  | 28°50 | 6°59  | 11°27  | 11°43  | 12°15  | n.a. |
| T 4  | 19 40 29 | 23°29'59 | 18°57  | 10°58  | 11°12 | 25°51 | 23°19 | 3° 4  | 5°38  | 28°52 | 7° 1  | 11°19  | 11°40  | 12°22  | n.a. |
| F 5  | 19 44 26 | 24°28'47 | 3♌ 0   | 10°31  | 12°21 | 26°32 | 23°29 | 3° 2  | 5°36  | 28°54 | 7° 2  | 11° 8  | 11°36  | 12°29  | n.a. |
| S 6  | 19 48 22 | 25°27'37 | 17°27  | 9°57   | 13°29 | 27°13 | 23°39 | 3° 0  | 5°35  | 28°56 | 7° 3  | 10°57  | 11°33  | 12°35  | n.a. |
| S 7  | 19 52 19 | 26°26'29 | 2♎11   | 9°17   | 14°38 | 27°54 | 23°48 | 2°59  | 5°33  | 28°59 | 7° 4  | 10°46  | 11°30  | 12°42  | n.a. |
| M 8  | 19 56 16 | 27°25'24 | 17° 4  | 8°29   | 15°46 | 28°36 | 23°58 | 2°57  | 5°31  | 29° 1 | 7° 6  | 10°36  | 11°27  | 12°49  | n.a. |
| T 9  | 20 0 12  | 28°24'20 | 1♏58   | 7°36   | 16°55 | 29°17 | 24° 9 | 2°55  | 5°29  | 29° 3 | 7° 7  | 10°29  | 11°24  | 12°55  | n.a. |
| W10  | 20 4 9   | 29°23'19 | 16°44  | 6°38   | 18° 4 | 29°58 | 24°19 | 2°54  | 5°27  | 29° 5 | 7° 8  | 10°25  | 11°21  | 13° 2  | n.a. |
| T 11 | 20 8 5   | 0♎22'19  | 1♌16   | 5°35   | 19°13 | 0♏40  | 24°29 | 2°52  | 5°26  | 29° 7 | 7° 9  | 10°23  | 11°17  | 13° 9  | n.a. |
| F 12 | 20 12 2  | 1°21'21  | 15°31  | 4°30   | 20°23 | 1°22  | 24°39 | 2°51  | 5°24  | 29°10 | 7°10  | 10°D23 | 11°14  | 13°15  | n.a. |
| S 13 | 20 15 58 | 2°20'26  | 29°27  | 3°23   | 21°32 | 2° 3  | 24°50 | 2°50  | 5°22  | 29°12 | 7°11  | 10°R23 | 11°11  | 13°22  | n.a. |
| S 14 | 20 19 55 | 3°19'32  | 13♎ 6  | 2°16   | 22°42 | 2°45  | 25° 0 | 2°49  | 5°20  | 29°14 | 7°12  | 10°23  | 11° 8  | 13°29  | n.a. |
| M15  | 20 23 51 | 4°18'40  | 26°28  | 1°11   | 23°52 | 3°27  | 25°11 | 2°48  | 5°18  | 29°16 | 7°13  | 10°21  | 11° 5  | 13°35  | n.a. |
| T 16 | 20 27 48 | 5°17'50  | 9♑34   | 0° 9   | 25° 1 | 4° 8  | 25°22 | 2°47  | 5°16  | 29°19 | 7°14  | 10°16  | 11° 2  | 13°42  | n.a. |
| W17  | 20 31 45 | 6°17'02  | 22°28  | 29♌13  | 26°11 | 4°50  | 25°32 | 2°46  | 5°14  | 29°21 | 7°15  | 10° 9  | 10°58  | 13°49  | n.a. |
| T 18 | 20 35 41 | 7°16'17  | 5♌ 9   | 28°24  | 27°22 | 5°32  | 25°43 | 2°45  | 5°12  | 29°23 | 7°16  | 9°59   | 10°55  | 13°55  | n.a. |
| F 19 | 20 39 38 | 8°15'33  | 17°39  | 27°44  | 28°32 | 6°14  | 25°54 | 2°45  | 5°10  | 29°25 | 7°17  | 9°48   | 10°52  | 14° 2  | n.a. |
| S 20 | 20 43 34 | 9°14'51  | 29°59  | 27°12  | 29°42 | 6°56  | 26° 5 | 2°44  | 5° 7  | 29°28 | 7°18  | 9°37   | 10°49  | 14° 9  | n.a. |
| S 21 | 20 47 31 | 10°14'12 | 12♌ 9  | 26°50  | 0♌53  | 7°39  | 26°17 | 2°44  | 5° 5  | 29°30 | 7°19  | 9°26   | 10°46  | 14°15  | n.a. |
| M22  | 20 51 27 | 11°13'35 | 24°11  | 26°39  | 2° 4  | 8°21  | 26°28 | 2°44  | 5° 3  | 29°32 | 7°20  | 9°16   | 10°42  | 14°22  | n.a. |
| T 23 | 20 55 24 | 12°13'00 | 6♋ 5   | 26°D39 | 3°15  | 9° 3  | 26°39 | 2°43  | 5° 1  | 29°34 | 7°21  | 9° 9   | 10°39  | 14°29  | n.a. |
| W24  | 20 59 20 | 13°12'27 | 17°54  | 26°49  | 4°25  | 9°45  | 26°50 | 2°43  | 4°59  | 29°36 | 7°21  | 9° 4   | 10°36  | 14°35  | n.a. |
| T 25 | 21 3 17  | 14°11'56 | 29°41  | 27° 9  | 5°37  | 10°28 | 27° 2 | 2°D43 | 4°56  | 29°39 | 7°22  | 9° 1   | 10°33  | 14°42  | n.a. |
| F 26 | 21 7 14  | 15°11'28 | 11♑28  | 27°40  | 6°48  | 11°10 | 27°13 | 2°43  | 4°54  | 29°41 | 7°23  | 9°D 1  | 10°30  | 14°49  | n.a. |
| S 27 | 21 11 10 | 16°11'03 | 23°22  | 28°20  | 7°59  | 11°53 | 27°25 | 2°43  | 4°52  | 29°43 | 7°24  | 9° 2   | 10°27  | 14°55  | n.a. |
| S 28 | 21 15 7  | 17°10'40 | 5♌25   | 29° 8  | 9°11  | 12°35 | 27°37 | 2°44  | 4°50  | 29°45 | 7°25  | 9° 3   | 10°23  | 15° 2  | n.a. |
| M29  | 21 19 3  | 18°10'19 | 17°44  | 0♎ 4   | 10°22 | 13°18 | 27°48 | 2°44  | 4°47  | 29°47 | 7°25  | 9°R 3  | 10°20  | 15° 8  | n.a. |
| T 30 | 21 23 0  | 19°10'01 | 0II23  | 1° 8   | 11°34 | 14° 1 | 28° 0 | 2°45  | 4°45  | 29°49 | 7°26  | 9° 3   | 10°17  | 15°15  | n.a. |
| W31  | 21 26 56 | 20♎ 9'46 | 13II28 | 2♎17   | 12♌46 | 14♏44 | 28♏12 | 2♑45  | 4♑43  | 29♒51 | 7II27 | 9♑ 0   | 10♑V14 | 15♑V22 | n.a. |

Delta T = 13h33m26s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 2016 BCE

SEPTEMBER 2016 BCE (-2015) JC

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀     | ♁     | ♂     | ♃     | ♄    | ♅     | ♆     | ♇     | ♈     | ♉     | ♊     | ♋    | ♌ | ♍ |
|------|----------|----------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|------|---|---|
| T 1  | 21 30 53 | 21♏ 9°32 | 27♐ 1 | 3♌32  | 13♌58 | 15♎26 | 28♎24 | 2♃46 | 4°R40 | 29♌54 | 7♐27  | 8°R55 | 10♑11 | 15♋28 | n.a. |   |   |
| F 2  | 21 34 49 | 22° 9'22 | 11♌3  | 4°52  | 15°10 | 16° 9 | 28°36 | 2°47 | 4♋38  | 29°56 | 7°28  | 8°Y49 | 10° 8 | 15°35 | n.a. |   |   |
| S 3  | 21 38 46 | 23° 9'14 | 25°32 | 6°17  | 16°22 | 16°52 | 28°48 | 2°48 | 4°35  | 29°58 | 7°29  | 8°42  | 10° 4 | 15°42 | n.a. |   |   |
| S 4  | 21 42 43 | 24° 9'08 | 10♏25 | 7°44  | 17°34 | 17°35 | 29° 0 | 2°49 | 4°33  | 0♏ 0  | 7°29  | 8°35  | 10° 1 | 15°48 | n.a. |   |   |
| M 5  | 21 46 39 | 25° 9'04 | 25°31 | 9°15  | 18°46 | 18°19 | 29°13 | 2°50 | 4°31  | 0° 2  | 7°30  | 8°29  | 9°58  | 15°55 | n.a. |   |   |
| T 6  | 21 50 36 | 26° 9'02 | 10♎43 | 10°48 | 19°59 | 19° 2 | 29°25 | 2°51 | 4°28  | 0° 4  | 7°30  | 8°24  | 9°55  | 16° 2 | n.a. |   |   |
| W 7  | 21 54 32 | 27° 9'02 | 25°49 | 12°23 | 21°11 | 19°45 | 29°37 | 2°52 | 4°26  | 0° 6  | 7°31  | 8°22  | 9°52  | 16° 8 | n.a. |   |   |
| T 8  | 21 58 29 | 28° 9'04 | 10♌41 | 13°59 | 22°24 | 20°28 | 29°50 | 2°54 | 4°23  | 0° 8  | 7°31  | 8°D21 | 9°48  | 16°15 | n.a. |   |   |
| F 9  | 22 2 25  | 29° 9'08 | 25°13 | 15°37 | 23°37 | 21°12 | 0♌ 2  | 2°55 | 4°21  | 0°10  | 7°32  | 8°22  | 9°45  | 16°22 | n.a. |   |   |
| S 10 | 22 6 22  | 0♎ 9'14  | 9♎22  | 17°15 | 24°49 | 21°55 | 0°15  | 2°57 | 4°18  | 0°12  | 7°32  | 8°23  | 9°42  | 16°28 | n.a. |   |   |
| S 11 | 22 10 18 | 1° 9'22  | 23° 6 | 18°55 | 26° 2 | 22°39 | 0°27  | 2°58 | 4°16  | 0°14  | 7°32  | 8°24  | 9°39  | 16°35 | n.a. |   |   |
| M12  | 22 14 15 | 2° 9'31  | 6♌28  | 20°35 | 27°15 | 23°22 | 0°40  | 3° 0 | 4°13  | 0°16  | 7°33  | 8°R25 | 9°36  | 16°42 | n.a. |   |   |
| T13  | 22 18 12 | 3° 9'42  | 19°29 | 22°15 | 28°28 | 24° 6 | 0°52  | 3° 2 | 4°11  | 0°18  | 7°33  | 8°23  | 9°33  | 16°48 | n.a. |   |   |
| W14  | 22 22 8  | 4° 9'55  | 2♌12  | 23°55 | 29°41 | 24°49 | 1° 5  | 3° 4 | 4° 8  | 0°20  | 7°33  | 8°20  | 9°29  | 16°55 | n.a. |   |   |
| T15  | 22 26 5  | 5°10'10  | 14°41 | 25°36 | 0♏54  | 25°33 | 1°18  | 3° 6 | 4° 6  | 0°22  | 7°34  | 8°16  | 9°26  | 17° 2 | n.a. |   |   |
| F16  | 22 30 1  | 6°10'26  | 26°57 | 27°16 | 2° 8  | 26°17 | 1°31  | 3° 8 | 4° 3  | 0°24  | 7°34  | 8°10  | 9°23  | 17° 8 | n.a. |   |   |
| S17  | 22 33 58 | 7°10'44  | 9♌ 4  | 28°57 | 3°21  | 27° 1 | 1°44  | 3°11 | 4° 1  | 0°26  | 7°34  | 8° 5  | 9°20  | 17°15 | n.a. |   |   |
| S18  | 22 37 54 | 8°11'04  | 21° 3 | 0♎37  | 4°34  | 27°45 | 1°56  | 3°13 | 3°59  | 0°28  | 7°34  | 7°59  | 9°17  | 17°22 | n.a. |   |   |
| M19  | 22 41 51 | 9°11'26  | 2♋57  | 2°17  | 5°48  | 28°28 | 2° 9  | 3°16 | 3°56  | 0°29  | 7°35  | 7°54  | 9°14  | 17°28 | n.a. |   |   |
| T20  | 22 45 47 | 10°11'50 | 14°47 | 3°56  | 7° 2  | 29°12 | 2°22  | 3°18 | 3°54  | 0°31  | 7°35  | 7°51  | 9°10  | 17°35 | n.a. |   |   |
| W21  | 22 49 44 | 11°12'15 | 26°35 | 5°35  | 8°15  | 29°57 | 2°35  | 3°21 | 3°51  | 0°33  | 7°35  | 7°49  | 9° 7  | 17°42 | n.a. |   |   |
| T22  | 22 53 40 | 12°12'42 | 8♑23  | 7°14  | 9°29  | 0♌41  | 2°48  | 3°24 | 3°49  | 0°35  | 7°35  | 7°D48 | 9° 4  | 17°48 | n.a. |   |   |
| F23  | 22 57 37 | 13°13'11 | 20°14 | 8°53  | 10°43 | 1°25  | 3° 1  | 3°26 | 3°46  | 0°37  | 7°35  | 7°49  | 9° 1  | 17°55 | n.a. |   |   |
| S24  | 23 1 34  | 14°13'43 | 2♌11  | 10°31 | 11°57 | 2° 9  | 3°15  | 3°29 | 3°44  | 0°38  | 7°35  | 7°50  | 8°58  | 18° 2 | n.a. |   |   |
| S25  | 23 5 30  | 15°14'16 | 14°17 | 12° 9 | 13°10 | 2°53  | 3°28  | 3°32 | 3°41  | 0°40  | 7°R35 | 7°52  | 8°54  | 18° 8 | n.a. |   |   |
| M26  | 23 9 27  | 16°14'51 | 26°37 | 13°47 | 14°24 | 3°38  | 3°41  | 3°36 | 3°39  | 0°42  | 7°35  | 7°54  | 8°51  | 18°15 | n.a. |   |   |
| T27  | 23 13 23 | 17°15'28 | 9♐14  | 15°24 | 15°39 | 4°22  | 3°54  | 3°39 | 3°37  | 0°43  | 7°35  | 7°55  | 8°48  | 18°22 | n.a. |   |   |
| W28  | 23 17 20 | 18°16'08 | 22°13 | 17° 1 | 16°53 | 5° 7  | 4° 7  | 3°42 | 3°34  | 0°45  | 7°35  | 7°R55 | 8°45  | 18°28 | n.a. |   |   |
| T29  | 23 21 16 | 19°16'49 | 5♌37  | 18°37 | 18° 7 | 5°51  | 4°21  | 3°45 | 3°32  | 0°47  | 7°35  | 7°54  | 8°42  | 18°35 | n.a. |   |   |
| F30  | 23 25 13 | 20♎17'32 | 19♌27 | 20♎14 | 19♏21 | 6♌36  | 4♌34  | 3♌49 | 3♋30  | 0♏48  | 7♐35  | 7♑52  | 8♑39  | 18♋42 | n.a. |   |   |

Delta T = 13h33m24s Julian Calendar 1 Sept. 2016 BCE == Greg. Calendar 15 Aug. 2016 BCE  
 The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

OCTOBER 2016 BCE (-2015) JC

00:00 UT

| Day | Sid.t    | ☉        | ☽     | ♀     | ♁     | ♂     | ♃     | ♄    | ♅     | ♆    | ♇     | ♈     | ♉    | ♊     | ♋    | ♌ | ♍ |
|-----|----------|----------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|------|-------|------|---|---|
| S 1 | 23 29 9  | 21♎18'17 | 3♌46  | 21♎49 | 20♏35 | 7♌20  | 4♌47  | 3♌53 | 3°R27 | 0♏50 | 7°R35 | 7°R50 | 8♑35 | 18♋48 | n.a. |   |   |
| S 2 | 23 33 6  | 22°19'04 | 18°28 | 23°25 | 21°50 | 8° 5  | 5° 1  | 3°56 | 3♋25  | 0°51 | 7♐35  | 7°Y48 | 8°32 | 18°55 | n.a. |   |   |
| M 3 | 23 37 3  | 23°19'52 | 3♎30  | 25° 0 | 23° 4 | 8°50  | 5°14  | 4° 0 | 3°23  | 0°53 | 7°34  | 7°46  | 8°29 | 19° 2 | n.a. |   |   |
| T 4 | 23 40 59 | 24°20'43 | 18°43 | 26°36 | 24°19 | 9°34  | 5°27  | 4° 4 | 3°20  | 0°54 | 7°34  | 7°45  | 8°26 | 19° 8 | n.a. |   |   |
| W 5 | 23 44 56 | 25°21'34 | 3♌56  | 28°10 | 25°33 | 10°19 | 5°41  | 4° 8 | 3°18  | 0°56 | 7°34  | 7°D45 | 8°23 | 19°15 | n.a. |   |   |
| T 6 | 23 48 52 | 26°22'27 | 19° 1 | 29°45 | 26°48 | 11° 4 | 5°54  | 4°12 | 3°16  | 0°57 | 7°34  | 7°45  | 8°19 | 19°21 | n.a. |   |   |
| F 7 | 23 52 49 | 27°23'22 | 3♎49  | 1♌19  | 28° 2 | 11°49 | 6° 8  | 4°16 | 3°14  | 0°59 | 7°33  | 7°45  | 8°16 | 19°28 | n.a. |   |   |
| S 8 | 23 56 45 | 28°24'17 | 18°13 | 2°54  | 29°17 | 12°34 | 6°21  | 4°20 | 3°12  | 1° 0 | 7°33  | 7°46  | 8°13 | 19°35 | n.a. |   |   |
| S 9 | 0 0 42   | 29°25'14 | 2♌10  | 4°28  | 0♎31  | 13°19 | 6°35  | 4°24 | 3° 9  | 1° 2 | 7°33  | 7°47  | 8°10 | 19°41 | n.a. |   |   |
| M10 | 0 4 38   | 0♌26'12  | 15°41 | 6° 1  | 1°46  | 14° 4 | 6°48  | 4°29 | 3° 7  | 1° 3 | 7°32  | 7°48  | 8° 7 | 19°48 | n.a. |   |   |
| T11 | 0 8 35   | 1°27'11  | 28°46 | 7°35  | 3° 1  | 14°50 | 7° 2  | 4°33 | 3° 5  | 1° 4 | 7°32  | 7°R48 | 8° 4 | 19°55 | n.a. |   |   |
| W12 | 0 12 32  | 2°28'11  | 11♌29 | 9° 9  | 4°16  | 15°35 | 7°15  | 4°37 | 3° 3  | 1° 6 | 7°32  | 7°48  | 8° 0 | 20° 1 | n.a. |   |   |
| T13 | 0 16 28  | 3°29'12  | 23°54 | 10°42 | 5°30  | 16°20 | 7°29  | 4°42 | 3° 1  | 1° 7 | 7°31  | 7°48  | 7°57 | 20° 8 | n.a. |   |   |
| F14 | 0 20 25  | 4°30'14  | 6♌ 3  | 12°15 | 6°45  | 17° 5 | 7°42  | 4°47 | 2°59  | 1° 8 | 7°31  | 7°47  | 7°54 | 20°15 | n.a. |   |   |
| S15 | 0 24 21  | 5°31'16  | 18° 2 | 13°49 | 8° 0  | 17°51 | 7°56  | 4°51 | 2°57  | 1° 9 | 7°30  | 7°47  | 7°51 | 20°21 | n.a. |   |   |
| S16 | 0 28 18  | 6°32'20  | 29°55 | 15°22 | 9°15  | 18°36 | 8°10  | 4°56 | 2°55  | 1°10 | 7°30  | 7°47  | 7°48 | 20°28 | n.a. |   |   |
| M17 | 0 32 14  | 7°33'24  | 11♋43 | 16°55 | 10°30 | 19°21 | 8°23  | 5° 1 | 2°53  | 1°12 | 7°29  | 7°D46 | 7°45 | 20°35 | n.a. |   |   |
| T18 | 0 36 11  | 8°34'30  | 23°31 | 18°28 | 11°45 | 20° 7 | 8°37  | 5° 6 | 2°51  | 1°13 | 7°28  | 7°46  | 7°41 | 20°41 | n.a. |   |   |
| W19 | 0 40 7   | 9°35'36  | 5♑21  | 20° 0 | 13° 0 | 20°53 | 8°50  | 5°11 | 2°50  | 1°14 | 7°28  | 7°R47 | 7°38 | 20°48 | n.a. |   |   |
| T20 | 0 44 4   | 10°36'43 | 17°15 | 21°33 | 14°15 | 21°38 | 9° 4  | 5°16 | 2°48  | 1°15 | 7°27  | 7°46  | 7°35 | 20°55 | n.a. |   |   |
| F21 | 0 48 1   | 11°37'52 | 29°14 | 23° 6 | 15°30 | 22°24 | 9°17  | 5°21 | 2°46  | 1°16 | 7°27  | 7°46  | 7°32 | 21° 1 | n.a. |   |   |
| S22 | 0 51 57  | 12°39'01 | 11♌21 | 24°38 | 16°45 | 23° 9 | 9°31  | 5°26 | 2°44  | 1°17 | 7°26  | 7°46  | 7°29 | 21° 8 | n.a. |   |   |
| S23 | 0 55 54  | 13°40'11 | 23°38 | 26°10 | 18° 0 | 23°55 | 9°45  | 5°32 | 2°42  | 1°18 | 7°25  | 7°45  | 7°25 | 21°15 | n.a. |   |   |
| M24 | 0 59 50  | 14°41'23 | 6♐ 7  | 27°42 | 19°15 | 24°41 | 9°58  | 5°37 | 2°41  | 1°19 | 7°25  | 7°44  | 7°22 | 21°21 | n.a. |   |   |
| T25 | 1 3 47   | 15°42'35 | 18°50 | 29°14 | 20°30 | 25°27 | 10°12 | 5°42 | 2°39  | 1°20 | 7°24  | 7°43  | 7°19 | 21°28 | n.a. |   |   |
| W26 | 1 7 43   | 16°43'49 | 1♌49  | 0♎46  | 21°46 | 26°13 | 10°25 | 5°48 | 2°38  | 1°20 | 7°23  | 7°42  | 7°16 | 21°35 | n.a. |   |   |
| T27 | 1 11 40  | 17°45'03 | 15° 8 | 2°17  | 23° 1 | 26°58 | 10°39 | 5°53 | 2°36  | 1°21 | 7°22  | 7°D42 | 7°13 | 21°41 | n.a. |   |   |
| F28 | 1 15 36  | 18°46'19 | 28°48 | 3°48  | 24°16 | 27°44 | 10°52 | 5°59 | 2°35  | 1°22 | 7°22  | 7°42  | 7°10 | 21°48 | n.a. |   |   |
| S29 | 1 19 33  | 19°47'35 | 12♏50 | 5°18  | 25°31 | 28°30 | 11° 6 | 6° 5 | 2°33  | 1°23 | 7°21  | 7°43  | 7° 6 | 21°54 | n.a. |   |   |
| S30 | 1 23 30  | 20°48'52 | 27°13 | 6°48  | 26°46 | 29°16 | 11°19 | 6°10 | 2°32  | 1°24 | 7°20  | 7°44  | 7° 3 | 22° 1 | n.a. |   |   |
| M31 | 1 27 26  | 21♌50'10 | 11♎54 | 8♎18  | 28♎ 2 | 0♎ 2  | 11♌33 | 6♌16 | 2♋30  | 1♏24 | 7♐19  | 7♑45  | 7♑ 0 | 22♋ 8 | n.a. |   |   |

Delta T = 13h33m21s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [6.2.2007]

SWISS EPHEMERIS for the year 2016 BCE

NOVEMBER 2016 BCE (-2015) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♀      | ♁     | ♂     | ♃     | ♅    | ♁     | ♄     | ♁     | ♁     | ♁     | ♁     | ♁    |
|------|---------|----------|-------|--------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|------|
| T 1  | 1 31 23 | 22♂51'29 | 26♏49 | 9♏46   | 29♏17 | 0♏49  | 11♂46 | 6♂22 | 2°R29 | 1♁25  | 7°R18 | 7°Y46 | 6°Y57 | 22♏14 | n.a. |
| W 2  | 1 35 19 | 23°52'48 | 11♂51 | 11°13  | 0♂32  | 1°35  | 12° 0 | 6°28 | 2♏28  | 1°26  | 7°R17 | 7°R46 | 6°54  | 22°21 | n.a. |
| T 3  | 1 39 16 | 24°54'08 | 26°51 | 12°40  | 1°47  | 2°21  | 12°13 | 6°34 | 2°26  | 1°26  | 7°16  | 7°45  | 6°51  | 22°28 | n.a. |
| F 4  | 1 43 12 | 25°55'28 | 11♏40 | 14° 5  | 3° 3  | 3° 7  | 12°27 | 6°40 | 2°25  | 1°27  | 7°15  | 7°44  | 6°47  | 22°34 | n.a. |
| S 5  | 1 47 9  | 26°56'49 | 26°12 | 15°28  | 4°18  | 3°53  | 12°40 | 6°46 | 2°24  | 1°27  | 7°14  | 7°41  | 6°44  | 22°41 | n.a. |
| S 6  | 1 51 5  | 27°58'10 | 10♏19 | 16°49  | 5°33  | 4°40  | 12°53 | 6°52 | 2°23  | 1°28  | 7°13  | 7°38  | 6°41  | 22°48 | n.a. |
| M 7  | 1 55 2  | 28°59'31 | 24° 0 | 18° 8  | 6°49  | 5°26  | 13° 7 | 6°58 | 2°22  | 1°28  | 7°12  | 7°35  | 6°38  | 22°54 | n.a. |
| T 8  | 1 58 59 | 0♏ 0'52  | 7♂14  | 19°24  | 8° 4  | 6°12  | 13°20 | 7° 4 | 2°21  | 1°29  | 7°11  | 7°33  | 6°35  | 23° 1 | n.a. |
| W 9  | 2 2 55  | 1° 2'12  | 20° 2 | 20°37  | 9°19  | 6°59  | 13°33 | 7°11 | 2°20  | 1°29  | 7°10  | 7°31  | 6°31  | 23° 8 | n.a. |
| T 10 | 2 6 52  | 2° 3'33  | 2♏29  | 21°46  | 10°35 | 7°45  | 13°47 | 7°17 | 2°19  | 1°29  | 7° 9  | 7°D31 | 6°28  | 23°14 | n.a. |
| F 11 | 2 10 48 | 3° 4'53  | 14°39 | 22°51  | 11°50 | 8°32  | 14° 0 | 7°23 | 2°18  | 1°30  | 7° 8  | 7°31  | 6°25  | 23°21 | n.a. |
| S 12 | 2 14 45 | 4° 6'13  | 26°36 | 23°51  | 13° 5 | 9°18  | 14°13 | 7°30 | 2°17  | 1°30  | 7° 7  | 7°33  | 6°22  | 23°28 | n.a. |
| S 13 | 2 18 41 | 5° 7'33  | 8♏25  | 24°45  | 14°21 | 10° 5 | 14°26 | 7°36 | 2°16  | 1°30  | 7° 6  | 7°35  | 6°19  | 23°34 | n.a. |
| M14  | 2 22 38 | 6° 8'53  | 20°12 | 25°33  | 15°36 | 10°51 | 14°39 | 7°42 | 2°16  | 1°31  | 7° 5  | 7°36  | 6°16  | 23°41 | n.a. |
| T 15 | 2 26 34 | 7°10'12  | 2°Y 1 | 26°13  | 16°51 | 11°38 | 14°52 | 7°49 | 2°15  | 1°31  | 7° 4  | 7°R37 | 6°12  | 23°48 | n.a. |
| W16  | 2 30 31 | 8°11'31  | 13°54 | 26°44  | 18° 6 | 12°25 | 15° 6 | 7°56 | 2°14  | 1°31  | 7° 3  | 7°37  | 6° 9  | 23°54 | n.a. |
| T 17 | 2 34 28 | 9°12'50  | 25°55 | 27° 6  | 19°22 | 13°11 | 15°19 | 8° 2 | 2°14  | 1°31  | 7° 2  | 7°36  | 6° 6  | 24° 1 | n.a. |
| F 18 | 2 38 24 | 10°14'09 | 8♂ 6  | 27°19  | 20°37 | 13°58 | 15°32 | 8° 9 | 2°13  | 1°31  | 7° 0  | 7°33  | 6° 3  | 24° 7 | n.a. |
| S 19 | 2 42 21 | 11°15'27 | 20°28 | 27°R20 | 21°52 | 14°45 | 15°44 | 8°15 | 2°13  | 1°31  | 6°59  | 7°28  | 6° 0  | 24°14 | n.a. |
| S 20 | 2 46 17 | 12°16'45 | 3♏ 3  | 27° 9  | 23° 8 | 15°31 | 15°57 | 8°22 | 2°12  | 1°R31 | 6°58  | 7°22  | 5°56  | 24°21 | n.a. |
| M21  | 2 50 14 | 13°18'03 | 15°50 | 26°47  | 24°23 | 16°18 | 16°10 | 8°29 | 2°12  | 1°31  | 6°57  | 7°15  | 5°53  | 24°27 | n.a. |
| T 22 | 2 54 10 | 14°19'21 | 28°50 | 26°13  | 25°38 | 17° 5 | 16°23 | 8°36 | 2°12  | 1°31  | 6°56  | 7° 9  | 5°50  | 24°34 | n.a. |
| W23  | 2 58 7  | 15°20'39 | 12♂ 3 | 25°28  | 26°54 | 17°52 | 16°36 | 8°42 | 2°11  | 1°31  | 6°54  | 7° 3  | 5°47  | 24°41 | n.a. |
| T 24 | 3 2 3   | 16°21'56 | 25°28 | 24°33  | 28° 9 | 18°39 | 16°49 | 8°49 | 2°11  | 1°31  | 6°53  | 7° 0  | 5°44  | 24°47 | n.a. |
| F 25 | 3 6 0   | 17°23'13 | 9♁ 7  | 23°28  | 29°24 | 19°26 | 17° 1 | 8°56 | 2°11  | 1°31  | 6°52  | 6°58  | 5°41  | 24°54 | n.a. |
| S 26 | 3 9 57  | 18°24'30 | 23° 0 | 22°16  | 0♏40  | 20°12 | 17°14 | 9° 3 | 2°11  | 1°31  | 6°51  | 6°D57 | 5°37  | 25° 1 | n.a. |
| S 27 | 3 13 53 | 19°25'47 | 7♏ 6  | 20°59  | 1°55  | 20°59 | 17°26 | 9°10 | 2°11  | 1°30  | 6°49  | 6°58  | 5°34  | 25° 7 | n.a. |
| M28  | 3 17 50 | 20°27'03 | 21°25 | 19°40  | 3°10  | 21°46 | 17°39 | 9°17 | 2°D11 | 1°30  | 6°48  | 7° 0  | 5°31  | 25°14 | n.a. |
| T 29 | 3 21 46 | 21°28'19 | 5♂54  | 18°21  | 4°25  | 22°33 | 17°51 | 9°24 | 2°11  | 1°30  | 6°47  | 7°R 0 | 5°28  | 25°21 | n.a. |
| W30  | 3 25 43 | 22♏29'35 | 20♂30 | 17♏ 5  | 5♏41  | 23♏20 | 18♂ 4 | 9♂31 | 2♏11  | 1♁29  | 6♏45  | 7°Y 0 | 5°Y25 | 25♏27 | n.a. |

Delta T = 13h33m19s Julian Calendar 1 Nov. 2016 BCE == Greg. Calendar 15 Oct. 2016 BCE  
 The year -2015 astronomical counting style corresponds to year 2016 B.C.E historical counting style.

DECEMBER 2016 BCE (-2015) JC

00:00 UT

| Day  | Sid.t   | ☉        | ☽      | ♀      | ♁     | ♂     | ♃     | ♅     | ♁    | ♄     | ♁     | ♁     | ♁     | ♁     | ♁    |
|------|---------|----------|--------|--------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|
| T 1  | 3 29 39 | 23♏30'50 | 5♏ 8   | 15°R53 | 6♏56  | 24♏ 7 | 18♂16 | 9♂38  | 2♏11 | 1°R29 | 6°R44 | 6°R57 | 5°Y22 | 25♏34 | n.a. |
| F 2  | 3 33 36 | 24°32'04 | 19°41  | 14♏48  | 8°11  | 24°54 | 18°28 | 9°45  | 2°11 | 1♁29  | 6°R43 | 6°Y51 | 5°18  | 25°41 | n.a. |
| S 3  | 3 37 32 | 25°33'18 | 4♏ 2   | 13°50  | 9°26  | 25°41 | 18°41 | 9°52  | 2°12 | 1°28  | 6°41  | 6°44  | 5°15  | 25°47 | n.a. |
| S 4  | 3 41 29 | 26°34'31 | 18° 6  | 13° 2  | 10°42 | 26°28 | 18°53 | 9°59  | 2°12 | 1°28  | 6°40  | 6°35  | 5°12  | 25°54 | n.a. |
| M 5  | 3 45 26 | 27°35'42 | 1♂48   | 12°22  | 11°57 | 27°16 | 19° 5 | 10° 6 | 2°12 | 1°27  | 6°39  | 6°26  | 5° 9  | 26° 0 | n.a. |
| T 6  | 3 49 22 | 28°36'53 | 15° 5  | 11°52  | 13°12 | 28° 3 | 19°17 | 10°13 | 2°13 | 1°27  | 6°38  | 6°18  | 5° 6  | 26° 7 | n.a. |
| W 7  | 3 53 19 | 29°38'03 | 27°58  | 11°31  | 14°27 | 28°50 | 19°29 | 10°20 | 2°13 | 1°26  | 6°36  | 6°11  | 5° 2  | 26°14 | n.a. |
| T 8  | 3 57 15 | 0♏39'11  | 10♏28  | 11°20  | 15°43 | 29°37 | 19°41 | 10°27 | 2°14 | 1°26  | 6°35  | 6° 7  | 4°59  | 26°20 | n.a. |
| F 9  | 4 1 12  | 1°40'18  | 22°41  | 11°D16 | 16°58 | 0♏24  | 19°52 | 10°35 | 2°14 | 1°25  | 6°33  | 6° 4  | 4°56  | 26°27 | n.a. |
| S 10 | 4 5 8   | 2°41'24  | 4♏39   | 11°21  | 18°13 | 1°11  | 20° 4 | 10°42 | 2°15 | 1°24  | 6°32  | 6°D 4 | 4°53  | 26°34 | n.a. |
| S 11 | 4 9 5   | 3°42'28  | 16°29  | 11°33  | 19°28 | 1°58  | 20°16 | 10°49 | 2°16 | 1°24  | 6°31  | 6° 5  | 4°50  | 26°40 | n.a. |
| M12  | 4 13 1  | 4°43'30  | 28°16  | 11°52  | 20°43 | 2°46  | 20°27 | 10°56 | 2°16 | 1°23  | 6°29  | 6° 6  | 4°47  | 26°47 | n.a. |
| T 13 | 4 16 58 | 5°44'32  | 10°Y 6 | 12°17  | 21°58 | 3°33  | 20°39 | 11° 3 | 2°17 | 1°22  | 6°28  | 6°R 6 | 4°43  | 26°54 | n.a. |
| W14  | 4 20 55 | 6°45'32  | 22° 2  | 12°49  | 23°13 | 4°20  | 20°50 | 11°10 | 2°18 | 1°21  | 6°27  | 6° 4  | 4°40  | 27° 0 | n.a. |
| T 15 | 4 24 51 | 7°46'30  | 4♂10   | 13°25  | 24°29 | 5° 7  | 21° 2 | 11°18 | 2°19 | 1°21  | 6°25  | 6° 0  | 4°37  | 27° 7 | n.a. |
| F 16 | 4 28 48 | 8°47'27  | 16°32  | 14° 6  | 25°44 | 5°54  | 21°13 | 11°25 | 2°20 | 1°20  | 6°24  | 5°54  | 4°34  | 27°14 | n.a. |
| S 17 | 4 32 44 | 9°48'23  | 29°10  | 14°51  | 26°59 | 6°42  | 21°24 | 11°32 | 2°21 | 1°19  | 6°23  | 5°45  | 4°31  | 27°20 | n.a. |
| S 18 | 4 36 41 | 10°49'18 | 12♏ 5  | 15°41  | 28°14 | 7°29  | 21°35 | 11°39 | 2°22 | 1°18  | 6°21  | 5°34  | 4°28  | 27°27 | n.a. |
| M19  | 4 40 37 | 11°50'11 | 25°15  | 16°34  | 29°29 | 8°16  | 21°46 | 11°46 | 2°23 | 1°17  | 6°20  | 5°22  | 4°24  | 27°34 | n.a. |
| T 20 | 4 44 34 | 12°51'02 | 8♂39   | 17°30  | 0♏44  | 9° 3  | 21°57 | 11°54 | 2°24 | 1°16  | 6°19  | 5°10  | 4°21  | 27°40 | n.a. |
| W21  | 4 48 30 | 13°51'53 | 22°15  | 18°29  | 1°59  | 9°51  | 22° 8 | 12° 1 | 2°25 | 1°15  | 6°17  | 5° 0  | 4°18  | 27°47 | n.a. |
| T 22 | 4 52 27 | 14°52'42 | 6♁ 1   | 19°31  | 3°14  | 10°38 | 22°19 | 12° 8 | 2°26 | 1°14  | 6°16  | 4°52  | 4°15  | 27°54 | n.a. |
| F 23 | 4 56 24 | 15°53'30 | 19°53  | 20°35  | 4°29  | 11°25 | 22°29 | 12°15 | 2°28 | 1°13  | 6°15  | 4°47  | 4°12  | 28° 0 | n.a. |
| S 24 | 5 0 20  | 16°54'16 | 3♏51   | 21°42  | 5°44  | 12°12 | 22°40 | 12°22 | 2°29 | 1°12  | 6°13  | 4°44  | 4° 8  | 28° 7 | n.a. |
| S 25 | 5 4 17  | 17°55'01 | 17°53  | 22°51  | 6°59  | 13° 0 | 22°50 | 12°30 | 2°30 | 1°11  | 6°12  | 4°D44 | 4° 5  | 28°13 | n.a. |
| M26  | 5 8 13  | 18°55'45 | 1♂59   | 24° 2  | 8°14  | 13°47 | 23° 1 | 12°37 | 2°32 | 1°10  | 6°11  | 4°R44 | 4° 2  | 28°20 | n.a. |
| T 27 | 5 12 10 | 19°56'28 | 16° 8  | 25°14  | 9°29  | 14°34 | 23°11 | 12°44 | 2°33 | 1° 9  | 6° 9  | 4°43  | 3°59  | 28°27 | n.a. |
| W28  | 5 16 6  | 20°57'09 | 0♏18   | 26°29  | 10°44 | 15°21 | 23°21 | 12°51 | 2°35 | 1° 8  | 6° 8  | 4°41  | 3°56  | 28°33 | n.a. |
| T 29 | 5 20 3  | 21°57'49 | 14°29  | 27°44  | 11°59 | 16° 9 | 23°31 | 12°58 | 2°36 | 1° 6  | 6° 7  | 4°36  | 3°53  | 28°40 | n.a. |
| F 30 | 5 23 59 | 22°58'27 | 28°35  | 29° 2  | 13°14 | 16°56 | 23°41 | 13° 6 | 2°38 | 1° 5  | 6° 5  | 4°28  | 3°49  | 28°47 | n.a. |
| S 31 | 5 27 56 | 23♏59'04 | 12♏32  | 0♏21   | 14♏29 | 17♏43 | 23♂51 | 13♏13 | 2♏40 | 1♁ 4  | 6♏ 4  | 4°Y18 | 3°Y46 | 28♏53 | n.a. |

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