



# Astrodienst Ephemeris Tables for the year 1800

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming  
Dieter Koch and Alois Treindl  
based on Swiss Ephemeris  
Code D5EPX

ASTRODIENST EPHEMERIS for the year 1800  
geocentric

JANUARY 1800

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	6 41 36	10°35'46	18°18'28	28°R21	23°M38	4°♂20	24°R32	8°R48	27°R 8	16°M37	1°H25	4°R11	3°B15	15°B24	21°M16	W 1
T 2	6 45 32	11°26'56	0°Y51	27°♂35	24°41	5° 2	24°II24	8°Ω44	27°M 8	16°39	1°26	4°B 9	3°11	15°31	21°22	T 2
F 3	6 49 29	12°28'06	12°57	26°59	25°44	5°44	24°17	8°40	27° 8	16°40	1°27	4°D 8	3° 8	15°37	21°28	F 3
S 4	6 53 25	13°29'16	24°51	26°34	26°47	6°25	24° 9	8°36	27° 7	16°42	1°28	4° 9	3° 5	15°44	21°34	S 4
S 5	6 57 22	14°30'25	6°B39	26°18	27°51	7° 7	24° 2	8°31	27° 7	16°43	1°29	4°R 9	3° 2	15°51	21°40	S 5
M 6	7 1 18	15°31'34	18°25	26°D12	28°55	7°49	23°55	8°27	27° 7	16°44	1°31	4° 8	2°59	15°57	21°46	M 6
T 7	7 5 15	16°32'43	0°II16	26°15	29°59	8°31	23°48	8°23	27° 7	16°46	1°32	4° 5	2°56	16° 4	21°52	T 7
W 8	7 9 12	17°33'51	12°16	26°26	1°♂ 4	9°12	23°41	8°18	27° 6	16°47	1°33	3°59	2°52	16°11	21°58	W 8
T 9	7 13 8	18°34'59	24°26	26°45	2° 9	9°54	23°34	8°14	27° 6	16°48	1°34	3°50	2°49	16°17	22° 4	T 9
F 10	7 17 5	19°36'06	6°B50	27°10	3°15	10°36	23°28	8°10	27° 6	16°50	1°36	3°39	2°46	16°24	22°10	F 10
S 11	7 21 1	20°37'13	19°29	27°42	4°20	11°18	23°21	8° 5	27° 5	16°51	1°37	3°26	2°43	16°31	22°15	S 11
S 12	7 24 58	21°38'19	2°Ω21	28°20	5°26	12° 0	23°15	8° 0	27° 4	16°52	1°38	3°12	2°40	16°37	22°21	S 12
M13	7 28 54	22°39'25	15°27	29° 2	6°32	12°42	23° 9	7°56	27° 4	16°53	1°40	2°59	2°37	16°44	22°26	M13
T 14	7 32 51	23°40'31	28°45	29°49	7°38	13°24	23° 3	7°51	27° 3	16°54	1°41	2°48	2°33	16°51	22°32	T 14
W15	7 36 47	24°41'36	12°M13	0°B41	8°45	14° 6	22°57	7°46	27° 2	16°56	1°42	2°39	2°30	16°57	22°37	W15
T 16	7 40 44	25°42'41	25°50	1°36	9°51	14°48	22°51	7°42	27° 2	16°57	1°44	2°34	2°27	17° 4	22°42	T 16
F 17	7 44 41	26°43'45	9°B36	2°34	10°58	15°31	22°45	7°37	27° 1	16°58	1°45	2°31	2°24	17°11	22°48	F 17
S 18	7 48 37	27°44'49	23°30	3°35	12° 5	16°13	22°40	7°32	27° 0	16°59	1°47	2°30	2°21	17°17	22°53	S 18
S 19	7 52 34	28°45'53	7°M32	4°39	13°13	16°55	22°35	7°27	26°59	17° 0	1°48	2°30	2°17	17°24	22°58	S 19
M20	7 56 30	29°46'56	21°42	5°46	14°20	17°37	22°29	7°22	26°58	17° 1	1°50	2°30	2°14	17°30	23° 2	M20
T 21	8 0 27	0°B47'59	5°♂59	6°55	15°28	18°19	22°24	7°18	26°57	17° 2	1°51	2°27	2°11	17°37	23° 7	T 21
W22	8 4 23	1°49'02	20°20	8° 6	16°36	19° 2	22°20	7°13	26°56	17° 3	1°52	2°21	2° 8	17°44	23°12	W22
T 23	8 8 20	2°50'04	4°B42	9°18	17°44	19°44	22°15	7° 8	26°55	17° 3	1°54	2°13	2° 5	17°50	23°17	T 23
F 24	8 12 17	3°51'05	18°58	10°33	18°52	20°26	22°11	7° 3	26°54	17° 4	1°55	2° 1	2° 2	17°57	23°21	F 24
S 25	8 16 13	4°52'05	3°B 4	11°48	20° 0	21° 9	22° 6	6°58	26°52	17° 5	1°57	1°49	1°58	18° 4	23°26	S 25
S 26	8 20 10	5°53'05	16°53	13° 6	21° 9	21°51	22° 2	6°53	26°51	17° 6	1°59	1°36	1°55	18°10	23°30	S 26
M27	8 24 6	6°54'03	0°H22	14°25	22°18	22°34	21°58	6°48	26°50	17° 7	2° 0	1°24	1°52	18°17	23°34	M27
T 28	8 28 3	7°55'00	13°29	15°45	23°26	23°16	21°55	6°43	26°48	17° 7	2° 2	1°14	1°49	18°24	23°38	T 28
W29	8 31 59	8°55'56	26°13	17° 6	24°35	23°59	21°51	6°38	26°47	17° 8	2° 3	1° 7	1°46	18°30	23°42	W29
T 30	8 35 56	9°56'51	8°Y37	18°28	25°44	24°41	21°48	6°33	26°45	17° 9	2° 5	1° 3	1°42	18°37	23°46	T 30
F 31	8 39 52	10°57'45	20°Y45	19°B52	26°♂53	25°♂24	21°II45	6°Ω29	26°M44	17°M 9	2°H 6	1°B 1	1°B39	18°B44	23°M50	F 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	23s 3	7s55	3s38	20s14	3n13	15s32	3n16	20s55	0n 7	23n 3	0s18	18n43	0n40	1n51
T 2	22 58	2 14	2 48	20 13	3 14	15 47	3 16	21 3	0 7	23 3	0 18	18 44	0 40	1 51
F 3	22 53	3n25	1 51	20 13	3 13	16 3	3 16	21 11	0 6	23 3	0 18	18 46	0 40	1 51
S 4	22 47	8 52	0 49	20 15	3 10	16 18	3 15	21 19	0 5	23 3	0 18	18 47	0 40	1 51
S 5	22 41	13 57	0n13	20 19	3 6	16 33	3 14	21 27	0 5	23 2	0 18	18 48	0 40	1 51
M 6	22 34	18 32	1 15	20 24	3 1	16 48	3 13	21 34	0 4	23 2	0 17	18 49	0 40	1 51
T 7	22 26	22 25	2 14	20 31	2 54	17 2	3 12	21 42	0 3	23 2	0 17	18 51	0 41	1 52
W 8	22 19	25 23	3 8	20 38	2 47	17 17	3 11	21 49	0 3	23 2	0 17	18 52	0 41	1 52
T 9	22 11	27 14	3 53	20 47	2 39	17 31	3 10	21 56	0 2	23 2	0 17	18 53	0 41	1 52
F 10	22 2	27 46	4 29	20 56	2 30	17 45	3 9	22 2	0 1	23 2	0 17	18 54	0 41	1 52
S 11	21 53	26 52	4 52	21 5	2 21	17 58	3 7	22 9	0 1	23 1	0 17	18 56	0 41	1 52
S 12	21 44	24 32	5 0	21 15	2 12	18 11	3 6	22 15	0s 0	23 1	0 16	18 57	0 41	1 53
M13	21 34	20 53	4 53	21 25	2 3	18 24	3 4	22 22	0 1	23 1	0 16	18 58	0 41	1 53
T 14	21 23	16 9	4 31	21 35	1 53	18 37	3 2	22 28	0 1	23 1	0 16	19 0	0 42	1 53
W15	21 13	10 34	3 52	21 45	1 43	18 49	3 0	22 33	0 2	23 1	0 16	19 1	0 42	1 54
T 16	21 2	4 25	3 1	21 54	1 34	19 1	2 58	22 39	0 3	23 1	0 16	19 2	0 42	1 54
F 17	20 50	2s 0	1 58	22 3	1 24	19 13	2 56	22 44	0 4	23 1	0 16	19 4	0 42	1 54
S 18	20 38	8 24	0 47	22 11	1 14	19 24	2 54	22 49	0 4	23 1	0 15	19 5	0 42	1 55
S 19	20 26	14 27	0s27	22 19	1 5	19 35	2 51	22 54	0 5	23 0	0 15	19 6	0 42	1 55
M20	20 13	19 49	1 40	22 26	0 55	19 45	2 49	22 59	0 6	23 0	0 15	19 8	0 42	1 55
T 21	20 0	24 4	2 47	22 32	0 46	19 55	2 46	23 4	0 7	23 0	0 15	19 9	0 42	1 56
W22	19 47	26 50	3 44	22 37	0 36	20 5	2 44	23 8	0 7	23 0	0 15	19 10	0 42	1 56
T 23	19 33	27 50	4 27	22 41	0 27	20 14	2 41	23 12	0 8	23 0	0 15	19 12	0 43	1 57
F 24	19 19	26 57	4 52	22 45	0 18	20 22	2 38	23 16	0 9	23 0	0 14	19 13	0 43	1 57
S 25	19 4	24 21	5 0	22 47	0 10	20 31	2 35	23 20	0 10	23 0	0 14	19 15	0 43	1 58
S 26	18 49	20 23	4 50	22 48	0 1	20 38	2 32	23 23	0 10	23 0	0 14	19 16	0 43	1 58
M27	18 34	15 27	4 23	22 48	0s 7	20 45	2 29	23 27	0 11	23 0	0 14	19 17	0 43	1 59
T 28	18 19	9 56	3 43	22 48	0 15	20 52	2 26	23 30	0 12	23 0	0 14	19 19	0 43	2 0
W29	18 3	4 9	2 53	22 45	0 23	20 58	2 23	23 32	0 13	23 0	0 13	19 20	0 43	2 0
T 30	17 47	1n39	1 56	22 42	0 31	21 4	2 20	23 35	0 13	23 0	0 13	19 21	0 43	2 1
F 31	17s30	7n16	0s54	22s38	0s38	21s 9	2n17	23s37	0s14	22n59	0s13	19n23	0n43	2n 1

Julian Day Number = 2378496.5, Delta T = 18.60 sec  
Ecliptic obliquity = 23°28'02, Nutation = - 0°00'09, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 21°56'52, Lahiri = 21°03'53

# ASTRODIENST EPHEMERIS for the year 1800

## geocentric

FEBRUARY 1800

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 49	11 <sup>58</sup> 37	2 <sup>8</sup> 41	21 <sup>3</sup> 16	28 <sup>7</sup> 3	26 <sup>7</sup> 6	21 <sup>0</sup> R42	6 <sup>0</sup> R24	26 <sup>0</sup> R42	17 <sup>0</sup> M10	2 <sup>8</sup> 8	1 <sup>0</sup> D 0	1 <sup>8</sup> 36	18 <sup>8</sup> 50	23 <sup>0</sup> M54	S 1
S 2	8 47 45	12 <sup>59</sup> 27	14 <sup>29</sup>	22 <sup>42</sup>	29 <sup>12</sup>	26 <sup>49</sup>	21 <sup>0</sup> II39	6 <sup>0</sup> Ω19	26 <sup>0</sup> M41	17 <sup>10</sup>	2 <sup>9</sup>	1 <sup>0</sup> R 0	1 <sup>33</sup>	18 <sup>57</sup>	23 <sup>58</sup>	S 2
M 3	8 51 42	14 <sup>0</sup> 17	26 <sup>17</sup>	24 <sup>8</sup>	0 <sup>22</sup>	27 <sup>31</sup>	21 <sup>37</sup>	6 <sup>14</sup>	26 <sup>39</sup>	17 <sup>11</sup>	2 <sup>11</sup>	1 <sup>8</sup> 0	1 <sup>30</sup>	19 <sup>4</sup>	24 <sup>1</sup>	M 3
T 4	8 55 39	15 <sup>0</sup> 104	8 <sup>0</sup> II10	25 <sup>35</sup>	1 <sup>31</sup>	28 <sup>14</sup>	21 <sup>34</sup>	6 <sup>9</sup>	26 <sup>37</sup>	17 <sup>11</sup>	2 <sup>13</sup>	0 <sup>57</sup>	1 <sup>27</sup>	19 <sup>10</sup>	24 <sup>5</sup>	T 4
W 5	8 59 35	16 <sup>0</sup> 151	20 <sup>12</sup>	27 <sup>3</sup>	2 <sup>41</sup>	28 <sup>57</sup>	21 <sup>32</sup>	6 <sup>4</sup>	26 <sup>36</sup>	17 <sup>12</sup>	2 <sup>14</sup>	0 <sup>53</sup>	1 <sup>23</sup>	19 <sup>17</sup>	24 <sup>8</sup>	W 5
T 6	9 3 32	17 <sup>0</sup> 236	2 <sup>28</sup> 28	28 <sup>33</sup>	3 <sup>51</sup>	29 <sup>39</sup>	21 <sup>30</sup>	5 <sup>59</sup>	26 <sup>34</sup>	17 <sup>12</sup>	2 <sup>16</sup>	0 <sup>45</sup>	1 <sup>20</sup>	19 <sup>24</sup>	24 <sup>11</sup>	T 6
F 7	9 7 28	18 <sup>0</sup> 319	15 <sup>1</sup>	0 <sup>33</sup> 3	5 <sup>1</sup>	0 <sup>22</sup>	21 <sup>28</sup>	5 <sup>55</sup>	26 <sup>32</sup>	17 <sup>13</sup>	2 <sup>17</sup>	0 <sup>35</sup>	1 <sup>17</sup>	19 <sup>30</sup>	24 <sup>15</sup>	F 7
S 8	9 11 25	19 <sup>0</sup> 401	27 <sup>53</sup>	1 <sup>33</sup>	6 <sup>11</sup>	1 <sup>5</sup>	21 <sup>27</sup>	5 <sup>50</sup>	26 <sup>30</sup>	17 <sup>13</sup>	2 <sup>19</sup>	0 <sup>23</sup>	1 <sup>14</sup>	19 <sup>37</sup>	24 <sup>18</sup>	S 8
S 9	9 15 21	20 <sup>0</sup> 441	11 <sup>0</sup> Ω 3	3 <sup>5</sup>	7 <sup>21</sup>	1 <sup>48</sup>	21 <sup>25</sup>	5 <sup>45</sup>	26 <sup>28</sup>	17 <sup>13</sup>	2 <sup>21</sup>	0 <sup>11</sup>	1 <sup>11</sup>	19 <sup>43</sup>	24 <sup>21</sup>	S 9
M10	9 19 18	21 <sup>0</sup> 520	24 <sup>32</sup>	4 <sup>38</sup>	8 <sup>31</sup>	2 <sup>31</sup>	21 <sup>24</sup>	5 <sup>41</sup>	26 <sup>26</sup>	17 <sup>13</sup>	2 <sup>22</sup>	29 <sup>0</sup> Y59	1 <sup>8</sup>	19 <sup>50</sup>	24 <sup>23</sup>	M10
T 11	9 23 15	22 <sup>0</sup> 558	8 <sup>0</sup> M15	6 <sup>11</sup>	9 <sup>42</sup>	3 <sup>13</sup>	21 <sup>23</sup>	5 <sup>36</sup>	26 <sup>24</sup>	17 <sup>14</sup>	2 <sup>24</sup>	29 <sup>49</sup>	1 <sup>4</sup>	19 <sup>57</sup>	24 <sup>26</sup>	T 11
W12	9 27 11	23 <sup>0</sup> 634	22 <sup>9</sup>	7 <sup>45</sup>	10 <sup>52</sup>	3 <sup>56</sup>	21 <sup>23</sup>	5 <sup>31</sup>	26 <sup>22</sup>	17 <sup>14</sup>	2 <sup>26</sup>	29 <sup>41</sup>	1 <sup>1</sup>	20 <sup>3</sup>	24 <sup>29</sup>	W12
T 13	9 31 8	24 <sup>0</sup> 708	6 <sup>0</sup> Ω10	9 <sup>21</sup>	12 <sup>3</sup>	4 <sup>39</sup>	21 <sup>22</sup>	5 <sup>27</sup>	26 <sup>20</sup>	17 <sup>14</sup>	2 <sup>27</sup>	29 <sup>36</sup>	0 <sup>58</sup>	20 <sup>10</sup>	24 <sup>31</sup>	T 13
F 14	9 35 4	25 <sup>0</sup> 742	20 <sup>16</sup>	10 <sup>57</sup>	13 <sup>13</sup>	5 <sup>22</sup>	21 <sup>22</sup>	5 <sup>22</sup>	26 <sup>18</sup>	17 <sup>14</sup>	2 <sup>29</sup>	29 <sup>34</sup>	0 <sup>55</sup>	20 <sup>17</sup>	24 <sup>34</sup>	F 14
S 15	9 39 1	26 <sup>0</sup> 814	4 <sup>0</sup> M24	12 <sup>34</sup>	14 <sup>24</sup>	6 <sup>5</sup>	21 <sup>0</sup> D22	5 <sup>18</sup>	26 <sup>16</sup>	17 <sup>14</sup>	2 <sup>31</sup>	29 <sup>0</sup> D34	0 <sup>52</sup>	20 <sup>23</sup>	24 <sup>36</sup>	S 15
S 16	9 42 57	27 <sup>0</sup> 845	18 <sup>31</sup>	14 <sup>12</sup>	15 <sup>35</sup>	6 <sup>48</sup>	21 <sup>22</sup>	5 <sup>14</sup>	26 <sup>14</sup>	17 <sup>14</sup>	2 <sup>32</sup>	29 <sup>34</sup>	0 <sup>48</sup>	20 <sup>30</sup>	24 <sup>38</sup>	S 16
M17	9 46 54	28 <sup>0</sup> 915	2 <sup>0</sup> Y37	15 <sup>50</sup>	16 <sup>46</sup>	7 <sup>31</sup>	21 <sup>22</sup>	5 <sup>9</sup>	26 <sup>12</sup>	17 <sup>14</sup>	2 <sup>34</sup>	29 <sup>0</sup> R34	0 <sup>45</sup>	20 <sup>37</sup>	24 <sup>41</sup>	M17
T 18	9 50 50	29 <sup>0</sup> 944	16 <sup>41</sup>	17 <sup>30</sup>	17 <sup>57</sup>	8 <sup>14</sup>	21 <sup>22</sup>	5 <sup>5</sup>	26 <sup>10</sup>	17 <sup>14</sup>	2 <sup>36</sup>	29 <sup>33</sup>	0 <sup>42</sup>	20 <sup>43</sup>	24 <sup>43</sup>	T 18
W19	9 54 47	0 <sup>0</sup> Y1011	0 <sup>0</sup> Y32	19 <sup>11</sup>	19 <sup>8</sup>	8 <sup>57</sup>	21 <sup>23</sup>	5 <sup>1</sup>	26 <sup>7</sup>	17 <sup>14</sup>	2 <sup>37</sup>	29 <sup>29</sup>	0 <sup>39</sup>	20 <sup>50</sup>	24 <sup>44</sup>	W19
T 20	9 58 44	1 <sup>0</sup> 1037	14 <sup>38</sup>	20 <sup>52</sup>	20 <sup>19</sup>	9 <sup>40</sup>	21 <sup>24</sup>	4 <sup>57</sup>	26 <sup>5</sup>	17 <sup>14</sup>	2 <sup>39</sup>	29 <sup>23</sup>	0 <sup>36</sup>	20 <sup>57</sup>	24 <sup>46</sup>	T 20
F 21	10 2 40	2 <sup>0</sup> 1101	28 <sup>26</sup>	22 <sup>35</sup>	21 <sup>30</sup>	10 <sup>24</sup>	21 <sup>25</sup>	4 <sup>53</sup>	26 <sup>3</sup>	17 <sup>14</sup>	2 <sup>41</sup>	29 <sup>15</sup>	0 <sup>33</sup>	21 <sup>3</sup>	24 <sup>48</sup>	F 21
S 22	10 6 37	3 <sup>0</sup> 1124	12 <sup>34</sup>	24 <sup>18</sup>	22 <sup>41</sup>	11 <sup>7</sup>	21 <sup>26</sup>	4 <sup>48</sup>	26 <sup>0</sup>	17 <sup>14</sup>	2 <sup>42</sup>	29 <sup>5</sup>	0 <sup>29</sup>	21 <sup>10</sup>	24 <sup>49</sup>	S 22
S 23	10 10 33	4 <sup>0</sup> 1146	25 <sup>29</sup>	26 <sup>3</sup>	23 <sup>52</sup>	11 <sup>50</sup>	21 <sup>28</sup>	4 <sup>45</sup>	25 <sup>58</sup>	17 <sup>14</sup>	2 <sup>44</sup>	28 <sup>55</sup>	0 <sup>26</sup>	21 <sup>17</sup>	24 <sup>51</sup>	S 23
M24	10 14 30	5 <sup>0</sup> 1205	8 <sup>0</sup> Y39	27 <sup>48</sup>	25 <sup>4</sup>	12 <sup>33</sup>	21 <sup>29</sup>	4 <sup>41</sup>	25 <sup>56</sup>	17 <sup>14</sup>	2 <sup>46</sup>	28 <sup>46</sup>	0 <sup>23</sup>	21 <sup>23</sup>	24 <sup>52</sup>	M24
T 25	10 18 26	6 <sup>0</sup> 1223	21 <sup>32</sup>	29 <sup>35</sup>	26 <sup>15</sup>	13 <sup>16</sup>	21 <sup>31</sup>	4 <sup>37</sup>	25 <sup>53</sup>	17 <sup>13</sup>	2 <sup>47</sup>	28 <sup>38</sup>	0 <sup>20</sup>	21 <sup>30</sup>	24 <sup>53</sup>	T 25
W26	10 22 23	7 <sup>0</sup> 1239	4 <sup>0</sup> Y 7	1 <sup>0</sup> Y22	27 <sup>27</sup>	14 <sup>0</sup>	21 <sup>33</sup>	4 <sup>33</sup>	25 <sup>51</sup>	17 <sup>13</sup>	2 <sup>49</sup>	28 <sup>33</sup>	0 <sup>17</sup>	21 <sup>37</sup>	24 <sup>55</sup>	W26
T 27	10 26 19	8 <sup>0</sup> 1253	16 <sup>26</sup>	3 <sup>11</sup>	28 <sup>38</sup>	14 <sup>43</sup>	21 <sup>35</sup>	4 <sup>29</sup>	25 <sup>49</sup>	17 <sup>13</sup>	2 <sup>51</sup>	28 <sup>30</sup>	0 <sup>14</sup>	21 <sup>43</sup>	24 <sup>56</sup>	T 27
F 28	10 30 16	9 <sup>0</sup> Y1305	28 <sup>0</sup> Y32	5 <sup>0</sup> Y 0	29 <sup>0</sup> Y50	15 <sup>0</sup> Y26	21 <sup>0</sup> Y38	4 <sup>0</sup> Y26	25 <sup>0</sup> Y46	17 <sup>0</sup> Y12	2 <sup>0</sup> Y52	28 <sup>0</sup> D29	0 <sup>0</sup> Y10	21 <sup>0</sup> Y50	24 <sup>0</sup> Y57	F 28

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s13	12n33	0n 9	22s32	0s46	21s14	2n14	23s40	0s15	22n59	0s13	19n24	0n44	2n 2	0n47	15s17	1n47	21s56	12s 3	11n50	12n 3	18n55	16s29	2n22	
S 2	16 56	17 20	1 11	22 25	0 52	21 18	2 10	23 41	0 16	22 59	0 13	19 25	0 44	2 3	0 47	15 17	1 47	21 55	12 3	11 50	12 2	18 58	16 29	2 22	
M 3	16 39	21 27	2 10	22 17	0 59	21 21	2 7	23 43	0 17	22 59	0 13	19 27	0 44	2 3	0 47	15 17	1 47	21 54	12 3	11 50	12 0	19 0	16 29	2 23	
T 4	16 21	24 43	3 4	22 7	1 6	21 24	2 3	23 45	0 17	22 59	0 12	19 28	0 44	2 4	0 47	15 17	1 47	21 54	12 2	11 49	11 59	19 3	16 30	2 23	
W 5	16 3	26 55	3 50	21 57	1 12	21 26	2 0	23 46	0 18	23 0	0 12	19 29	0 44	2 5	0 47	15 17	1 47	21 53	12 2	11 48	11 58	19 5	16 30	2 24	
T 6	15 45	27 53	4 26	21 45	1 18	21 28	1 56	23 47	0 19	23 0	0 12	19 30	0 44	2 6	0 47	15 17	1 47	21 53	12 2	11 45	11 57	19 8	16 30	2 25	
F 7	15 26	27 26	4 51	21 31	1 23	21 29	1 53	23 48	0 20	23 0	0 12	19 32	0 44	2 6	0 47	15 17	1 47	21 52	12 2	11 41	11 56	19 11	16 31	2 25	
S 8	15 7	25 32	5 1	21 16	1 28	21 30	1 49	23 48	0 21	23 0	0 12	19 33	0 44	2 7	0 47	15 17	1 47	21 51	12 2	11 37	11 55	19 13	16 31	2 26	
S 9	14 48	22 13	4 56	21 0	1 33	21 30	1 46	23 49	0 21	23 0	0 12	19 34	0 44	2 8	0 48	15 17	1 47	21 51	12 2	11 33	11 54	19 16	16 31	2 26	
M10	14 29	17 41	4 35	20 43	1 38	21 30	1 42	23 49	0 22	23 0	0 11	19 35	0 44	2 9	0 48	15 17	1 47	21 50	12 2	11 29	11 53	19 19	16 31	2 27	
T 11	14 10	12 9	3 57	20 24	1 42	21 29	1 38	23 49	0 23	23 0	0 11	19 37	0 44	2 9	0 48	15 17	1 47	21 49	12 2	11 25	11 52	19 21	16 31	2 27	
W12	13 50	5 57	3 5	20 4	1 47	21 27	1 35	23 48	0 24	23 0	0 11	19 38	0 44	2 10	0 48	15 17	1 47	21 49	12 2	11 22	11 51	19 24	16 31	2 28	
T 13	13 30	0s36	2 1	19 42	1 50	21 25	1 31	23 48	0 25	23 0	0 11	19 39	0 45	2 11	0 48	15 17	1 47	21 48	12 2	11 21	11 49	19 26	16 32	2 28	
F 14	13 10	7 10	0 49	19 20	1 54	21 22	1 27	23 47	0 26	23 0	0 11	19 40	0 45	2 12	0 48	15 17	1 47	21 48	12 2	11 20	11 48	19 29	16 32	2 29	
S 15	12 49	13 24	0s26	18 55	1 57	21 18	1 24	23 46	0 26	23 1	0 11	19 41	0 45	2 13	0 48	15 17	1 47	21 47	12 2	11 20	11 47	19 32	16 32	2 29	
S 16	12 29	18 57	1 39	18 30	1 59	21 14	1 20	23 45	0 27	23 1	0 10	19 42	0 45	2 14	0 48	15 17	1 47	21 46	12 2	11 20	11 46	19 34	16 32	2 30	
M17	12 8	23 26	2 47	18 3	2 2	21 10	1 16	23 43	0 28	23 1	0 10	19 44	0 45	2 15	0 48	15 17	1 47	21 46	12 2	11 20	11 45	19 37	16 32	2 31	
T 18	11 47	26 31	3 44	17 34	2 4	21 4	1 12	23 42	0 29	23 1	0 10	19 45	0 45	2 15	0 48	15 17	1 48	21 45	12 2	11 20	11 44	19 39	16 31	2 31	
W19	11 26	27 55	4 28	17 4	2 5	20 58	1 8	23 40	0 30	23 1	0 10	19 46	0 45	2 16	0 48	15 17	1 48	21 45	12 2	11 18	11 43	19 42	16 31	2 32	
T 20	11 4	27 33	4 55	16 33	2 6	20 52	1 5	23 37	0 31	23 1	0 10	19 47	0 45	2 17	0 48	15 17	1 48	21 44	12 2	11 16	11 42	19 45	16 31	2 32	
F 21	10 43	25 28	5 5	16 0	2 7	20 45	1 1	23 35	0 32	23 2	0 10	19 48	0 45	2 18	0 48	15 17	1 48	21 43	12 2	11 13	11 41	19 47	16 31	2 33	
S 22	10 21	21 57	4 57	15 26	2 7	20 37	0 57	23 32	0 32	23 2	0 10	19 49	0 45	2 19	0 48	15 17	1 48	21 43	12 2	11 10	11 39	19 50	16 31	2 33	
S 23	9 59	17 19	4 33	14 51	2 7	20 29	0 53	23 30	0 33	23 2	0 9	19 50	0 45	2 20	0 48	15 16	1 48	21 42	12 2	11 6	11 38	19 52	16 31	2 34	
M24	9 37	11 58	3 55	14 14	2 7	20 20	0 49	23 26	0 34	23 2	0 9	19 51	0 45	2 21	0 48	15 16	1 48	21 42	12 3	11 3	11 37	19 55	16 31	2 34	
T 25	9 15	6 12	3 5	13 36	2 6	20 11	0 46	23 23	0 35	23 3	0 9	19 52	0 45	2 22	0 48	15 16	1 48	21 41	12 3	11 0	11 36	19 57	16 30	2 35	
W26	8 52	0 19	2 7	12 56	2 4	20 1	0 42	23 20	0 36	23 3	0 9	19 53	0 45	2 23	0 48	15 16	1 48	21 40	12 3	10 58	11 35	20 0	16 30	2 36	
T 27	8 30	5n29	1 5	12 15	2 2	19 50	0 38	23 16	0 37	23 3	0 9	19 54	0 45	2 24	0 48	15 16	1 48	21 40	12 3	10 57	11 34	20 2	16 30	2 36	
F 28	8s 7	10n58	0n 0	11s33	2s 0	19s39	0n34	23s12	0s38	23n 4	0s 9	19n55	0n45	2n25	0n48	15s16	1n48	21s39	12s 3	10n57	11n33	20n 5	16s29	2n37	

# ASTRODIENST EPHEMERIS for the year 1800

## geocentric

MARCH 1800

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	10 34 12	10♈13'15	10♈27	6♊51	1♋1	16♌9	21♍11	4°R22	25°R44	17°R12	2♈54	28°V30	0♉7	21♊57	24♋57	S 1
S 2	10 38 9	11°13'23	22°17	8°43	2°13	16°53	21°43	4♌19	25♍41	17♎12	2°56	28°31	0°4	22°3	24°58	S 2
M 3	10 42 6	12°13'29	4♌5	10°35	3°25	17°36	21°46	4°15	25°39	17°11	2°57	28°32	0°1	22°10	24°59	M 3
T 4	10 46 2	13°13'32	15°58	12°29	4°36	18°19	21°50	4°12	25°36	17°11	2°59	28°R32	29°V58	22°17	24°59	T 4
W 5	10 49 59	14°13'34	28°0	14°23	5°48	19°3	21°53	4°9	25°34	17°10	3°1	28°31	29°54	22°23	24°59	W 5
T 6	10 53 55	15°13'34	10♉17	16°19	7°0	19°46	21°56	4°6	25°31	17°10	3°2	28°28	29°51	22°30	25°0	T 6
F 7	10 57 52	16°13'31	22°52	18°15	8°12	20°30	22°0	4°3	25°28	17°9	3°4	28°23	29°48	22°37	25°0	F 7
S 8	11 1 48	17°13'26	5♌49	20°12	9°24	21°13	22°4	4°0	25°26	17°9	3°5	28°17	29°45	22°43	25°R 0	S 8
S 9	11 5 45	18°13'19	19°9	22°10	10°36	21°57	22°8	3°57	25°23	17°8	3°7	28°10	29°42	22°50	25°0	S 9
M10	11 9 41	19°13'10	2♍52	24°8	11°48	22°40	22°13	3°54	25°21	17°7	3°9	28°4	29°39	22°56	24°59	M10
T 11	11 13 38	20°12'59	16°54	26°6	13°0	23°24	22°17	3°52	25°18	17°7	3°10	27°58	29°35	23°3	24°59	T 11
W12	11 17 35	21°12'46	1♌13	28°5	14°12	24°7	22°22	3°49	25°16	17°6	3°12	27°54	29°32	23°10	24°59	W12
T 13	11 21 31	22°12'31	15°42	0♍4	15°24	24°51	22°26	3°47	25°13	17°5	3°13	27°52	29°29	23°16	24°58	T 13
F 14	11 25 28	23°12'14	0♎15	2°2	16°36	25°34	22°31	3°45	25°10	17°4	3°15	27°D51	29°26	23°23	24°58	F 14
S 15	11 29 24	24°11'55	14°47	4°0	17°48	26°18	22°36	3°42	25°8	17°4	3°17	27°52	29°23	23°30	24°57	S 15
S 16	11 33 21	25°11'34	29°13	5°57	19°0	27°2	22°42	3°40	25°5	17°3	3°18	27°53	29°20	23°36	24°56	S 16
M17	11 37 17	26°11'12	13♊29	7°52	20°12	27°45	22°47	3°38	25°2	17°2	3°20	27°55	29°16	23°43	24°55	M17
T 18	11 41 14	27°10'49	27°35	9°46	21°25	28°29	22°53	3°36	25°0	17°1	3°21	27°R55	29°13	23°50	24°54	T 18
W19	11 45 10	28°10'23	11♌28	11°38	22°37	29°13	22°59	3°34	24°57	17°0	3°23	27°55	29°10	23°56	24°53	W19
T 20	11 49 7	29°9'56	25°8	13°28	23°49	29°56	23°5	3°33	24°55	16°59	3°24	27°52	29°7	24°3	24°52	T 20
F 21	11 53 4	0♍9'27	8♋35	15°14	25°2	0♎40	23°11	3°31	24°52	16°58	3°26	27°49	29°4	24°10	24°50	F 21
S 22	11 57 0	1°8'56	21°49	16°57	26°14	1°24	23°17	3°29	24°49	16°57	3°27	27°45	29°0	24°16	24°49	S 22
S 23	12 0 57	2°8'23	4♊49	18°37	27°26	2°8	23°23	3°28	24°47	16°56	3°29	27°41	28°57	24°23	24°47	S 23
M24	12 4 53	3°7'48	17°35	20°12	28°39	2°51	23°30	3°27	24°44	16°55	3°30	27°37	28°54	24°30	24°45	M24
T25	12 8 50	4°7'12	0♍9	21°43	29°51	3°35	23°37	3°26	24°42	16°54	3°32	27°34	28°51	24°36	24°44	T25
W26	12 12 46	5°6'33	12°29	23°9	1♊4	4°19	23°44	3°24	24°39	16°53	3°33	27°32	28°48	24°43	24°42	W26
T 27	12 16 43	6°5'52	24°39	24°29	2°16	5°3	23°51	3°23	24°37	16°52	3°35	27°D31	28°45	24°50	24°40	T 27
F 28	12 20 39	7°5'09	6♊39	25°44	3°29	5°47	23°58	3°23	24°34	16°51	3°36	27°31	28°41	24°56	24°38	F 28
S 29	12 24 36	8°4'24	18°31	26°53	4°41	6°30	24°5	3°22	24°32	16°50	3°38	27°32	28°38	25°3	24°36	S 29
S 30	12 28 33	9°3'36	0♐20	27°55	5°54	7°14	24°12	3°21	24°29	16°48	3°39	27°34	28°35	25°10	24°33	S 30
M31	12 32 29	10♍2'47	12♐9	28°V51	7♋6	7♎58	24♐20	3♌21	24♑27	16♒47	3♈41	27°V35	28°V32	25♉16	24♋31	M31

Day	☉	☾		♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s45	15n59	1n 4	10s49	1s57	19s27	0n31	23s 8	0s39	23n 4	0s 8	19n56	0n46	2n26	0n48	15s16	1n48	21s39	12s 3	10n57	11n32	20n 8	16s29	2n37	
S 2	7 22	20 22	2 5	10 4	1 54	19 15	0 27	23 3	0 40	23 4	0 8	19 56	0 46	2 27	0 48	15 15	1 48	21 38	12 3	10 58	11 31	20 10	16 29	2 38	
M 3	6 59	23 57	3 1	9 18	1 50	19 2	0 23	22 59	0 40	23 5	0 8	19 57	0 46	2 28	0 48	15 15	1 48	21 38	12 3	10 58	11 29	20 13	16 28	2 38	
T 4	6 36	26 31	3 49	8 30	1 45	18 49	0 20	22 54	0 41	23 5	0 8	19 58	0 46	2 29	0 48	15 15	1 48	21 37	12 3	10 58	11 28	20 15	16 28	2 39	
W 5	6 13	27 54	4 27	7 41	1 40	18 35	0 16	22 49	0 42	23 5	0 8	19 59	0 46	2 30	0 48	15 15	1 48	21 37	12 3	10 58	11 27	20 18	16 27	2 40	
T 6	5 50	27 58	4 54	6 51	1 34	18 20	0 13	22 43	0 43	23 5	0 8	20 0	0 46	2 31	0 48	15 15	1 48	21 36	12 3	10 57	11 26	20 20	16 27	2 40	
F 7	5 26	26 35	5 8	6 0	1 28	18 6	0 9	22 38	0 44	23 6	0 8	20 0	0 46	2 32	0 48	15 14	1 48	21 36	12 3	10 55	11 25	20 23	16 26	2 41	
S 8	5 3	23 48	5 7	5 8	1 21	17 50	0 6	22 32	0 45	23 6	0 7	20 1	0 46	2 33	0 48	15 14	1 49	21 35	12 3	10 53	11 24	20 25	16 26	2 41	
S 9	4 40	19 40	4 49	4 15	1 14	17 34	0 2	22 26	0 46	23 7	0 7	20 2	0 46	2 34	0 48	15 14	1 49	21 35	12 4	10 50	11 23	20 28	16 25	2 42	
M10	4 16	14 25	4 15	3 21	1 6	17 18	0s 1	22 20	0 47	23 7	0 7	20 3	0 46	2 35	0 48	15 14	1 49	21 34	12 4	10 48	11 22	20 30	16 24	2 43	
T 11	3 53	8 19	3 24	2 26	0 58	17 1	0 5	22 13	0 48	23 8	0 7	20 3	0 46	2 36	0 48	15 14	1 49	21 34	12 4	10 46	11 20	20 33	16 24	2 43	
W12	3 29	1 39	2 20	1 30	0 49	16 43	0 8	22 7	0 49	23 8	0 7	20 4	0 46	2 37	0 48	15 13	1 49	21 33	12 4	10 44	11 19	20 35	16 23	2 44	
T 13	3 6	5s10	1 6	0 34	0 39	16 25	0 11	22 0	0 50	23 8	0 7	20 4	0 46	2 38	0 48	15 13	1 49	21 33	12 4	10 44	11 18	20 38	16 22	2 44	
F 14	2 42	11 47	0s13	0n22	0 29	16 7	0 15	21 53	0 51	23 9	0 7	20 5	0 46	2 39	0 48	15 13	1 49	21 32	12 4	10 43	11 17	20 40	16 22	2 45	
S 15	2 18	17 45	1 31	1 18	0 19	15 48	0 18	21 46	0 52	23 9	0 6	20 6	0 46	2 40	0 48	15 12	1 49	21 32	12 4	10 44	11 16	20 43	16 21	2 45	
S 16	1 55	22 39	2 43	2 15	0 8	15 29	0 21	21 38	0 53	23 10	0 6	20 6	0 46	2 41	0 48	15 12	1 49	21 31	12 5	10 44	11 15	20 45	16 20	2 46	
M17	1 31	26 9	3 44	3 11	0n 4	15 9	0 24	21 30	0 53	23 10	0 6	20 7	0 46	2 42	0 48	15 12	1 49	21 31	12 5	10 45	11 14	20 47	16 20	2 46	
T 18	1 7	27 57	4 31	4 7	0 16	14 49	0 27	21 23	0 54	23 11	0 6	20 7	0 46	2 43	0 48	15 12	1 49	21 30	12 5	10 45	11 13	20 50	16 19	2 47	
W19	0 44	27 58	5 0	5 2	0 28	14 28	0 30	21 15	0 55	23 11	0 6	20 8	0 46	2 44	0 48	15 11	1 49	21 30	12 5	10 45	11 11	20 52	16 18	2 48	
T 20	0 20	26 15	5 13	5 56	0 40	14 7	0 33	21 6	0 56	23 11	0 6	20 8	0 46	2 45	0 48	15 11	1 49	21 30	12 5	10 44	11 10	20 55	16 17	2 48	
F 21	0n 4	23 5	5 8	6 48	0 52	13 46	0 36	20 58	0 57	23 12	0 6	20 8	0 46	2 47	0 48	15 11	1 49	21 29	12 5	10 43	11 9	20 57	16 16	2 49	
S 22	0 27	18 46	4 46	7 40	1 4	13 24	0 39	20 49	0 58	23 12	0 6	20 9	0 46	2 48	0 48	15 10	1 49	21 29	12 6	10 41	11 8	21 0	16 15	2 49	
S 23	0 51	13 38	4 10	8 29	1 17	13 2	0 42	20 40	0 59	23 13	0 5	20 9	0 46	2 49	0 48	15 10	1 49	21 28	12 6	10 40	11 7	21 2	16 14	2 50	
M24	1 15	8 1	3 22	9 17	1 29	12 40	0 45	20 31	1 0	23 13	0 5	20 9	0 46	2 50	0 48	15 10	1 49	21 28	12 6	10 38	11 6	21 5	16 13	2 50	
T25	1 38	2 10	2 25	10 2	1 41	12 17	0 48	20 22	1 1	23 14	0 5	20 10	0 46	2 51	0 48	15 9	1 49	21 28	12 6	10 37	11 5	21 7	16 12	2 51	
W26	2 2	3n41	1 22	10 45	1 52	11 53	0 50	20 13	1 2	23 14	0 5	20 10	0 46	2 52	0 48	15 9	1 49	21 27	12 6	10 36	11 4	21 9	16 11	2 52	
T 27	2 25	9 19	0 16	11 25	2 4	11 30	0 53	20 3	1 3	23 15	0 5	20 10	0 46	2 53	0 48	15 9	1 49	21 27	12 6	10 36	11 2	21 12	16 10	2 52	
F 28	2 49	14 32	0n50	12 2	2 14	11 6	0 55	19 53	1 4	23 15	0 5	20 11	0 46	2 54	0 48	15 8	1 50	21 26	12 7	10 36	11 1	21 14	16 9	2 53	
S 29	3 12	19 11	1 53	12 27	2 24	10 42	0 58	19 43	1 5	23 15	0 5	20 11	0 46	2 55	0 48	15 8	1 50	21 26	12 7	10 37	11 0	21 17	16 8	2 53	
S 30	3 36	23 2	2 52	13 8	2 33	10 17	1 0	19 33	1 6	23 16	0 4	20 11	0 46	2 56	0 48	15 8	1 50	21 26	12 7	10 37	10 59	21 19	16 7	2 54	
M31	3n59	25n57	3n42	13n36	2n42	9s53	1s 2	19s23	1s 7	23n16	0s 4	20n11	0n46	2n57	0n48	15s 7	1n50	21s25	12s 7	10n38	10n58	21n21	16s 6	2n54	

ASTRODIENST EPHEMERIS for the year 1800  
geocentric

APRIL 1800

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 36 26	11°15'55	24°11'1	29°41'8	8°19'19	8°42'24	24°11'28	3°20'24	24°11'24	16°46'3	3°42'27	27°37'28	28°29'25	25°23'24	24°29'20	T 1
W 2	12 40 22	12°1'01	6°33'3	0°24'0	9°32'9	9°26'9	24°36'3	3°20'24	24°11'22	16°45'3	3°43'27	27°37'28	28°25'25	25°30'24	24°26'20	W 2
T 3	12 44 19	13°0'05	18°17'0	1°0'10	10°44'10	10°10'10	24°44'3	3°20'24	24°11'19	16°43'3	3°45'27	27°37'28	28°22'25	25°36'24	24°23'20	T 3
F 4	12 48 15	13°59'06	0°50'1	1°30'11	11°57'10	10°54'10	24°52'3	3°19'24	24°11'17	16°42'3	3°46'27	27°37'28	28°19'25	25°43'24	24°21'20	F 4
S 5	12 52 12	14°58'05	13°45'1	1°52'13	13°10'11	11°37'25	25°0'3	3°19'24	24°11'14	16°41'3	3°47'27	27°36'28	28°16'25	25°50'24	24°18'20	S 5
S 6	12 56 8	15°57'01	27°4'2	2°7'14	14°22'12	12°21'25	25°8'3	3°20'24	24°11'12	16°39'3	3°49'27	27°34'28	28°13'25	25°56'24	24°15'20	S 6
M 7	13 0 5	16°55'56	10°49'2	2°16'15	15°35'13	13°5'25	25°17'3	3°20'24	24°11'10	16°38'3	3°50'27	27°33'28	28°10'26	26°3'24	24°12'20	M 7
T 8	13 4 2	17°54'48	25°0'2	2°18'16	16°48'13	13°49'25	25°26'3	3°20'24	24°11'7	16°37'3	3°51'27	27°31'28	28°6'26	26°10'24	24°9'20	T 8
W 9	13 7 58	18°53'38	9°32'2	2°14'18	17°0'14	13°33'25	25°34'3	3°21'24	24°11'5	16°35'3	3°52'27	27°31'28	28°3'26	26°16'24	24°6'20	W 9
T 10	13 11 55	19°52'25	24°20'2	2°3'19	18°13'15	15°17'25	25°43'3	3°21'24	24°11'3	16°34'3	3°54'27	27°30'28	28°0'26	26°23'24	24°3'20	T 10
F 11	13 15 51	20°51'11	9°16'1	1°47'20	18°26'16	16°1'25	25°52'3	3°22'24	24°11'0	16°33'3	3°55'27	27°30'27	27°57'26	26°30'24	24°0'20	F 11
S 12	13 19 48	21°49'56	24°14'1	1°25'21	19°38'21	16°45'26	26°1'3	3°22'23	23°58'16	16°31'3	3°56'27	27°31'27	27°54'26	26°36'23	23°56'20	S 12
S 13	13 23 44	22°48'38	9°4'4	0°59'22	17°29'17	26°11'3	26°11'3	3°23'23	23°56'16	16°30'3	3°57'27	27°31'27	27°51'26	26°43'23	23°53'20	S 13
M14	13 27 41	23°47'19	23°40'0	0°28'24	18°13'26	26°20'3	26°20'3	3°24'23	23°54'16	16°28'3	3°59'27	27°32'27	27°47'26	26°50'23	23°49'20	M14
T 15	13 31 37	24°45'58	7°59'2	29°53'25	17°18'57	26°29'3	26°29'3	3°25'23	23°52'16	16°27'4	4°0'27	27°32'27	27°44'26	26°56'23	23°46'20	T 15
W16	13 35 34	25°44'35	21°56'2	29°16'26	19°41'26	26°39'3	26°39'3	3°27'23	23°50'16	16°25'4	4°1'27	27°32'27	27°41'26	27°3'23	23°42'20	W16
T 17	13 39 31	26°43'11	5°33'2	28°36'27	20°25'26	26°49'3	26°49'3	3°28'23	23°48'16	16°24'4	4°2'27	27°32'27	27°38'27	27°10'23	23°39'20	T 17
F 18	13 43 27	27°41'45	18°50'2	27°54'28	21°9'26	26°58'3	26°58'3	3°29'23	23°46'16	16°22'4	4°3'27	27°32'27	27°35'27	27°16'23	23°35'20	F 18
S 19	13 47 24	28°40'17	1°48'2	27°12'0	21°52'21	27°8'3	27°8'3	3°31'23	23°44'16	16°21'4	4°4'27	27°32'27	27°31'27	27°23'23	23°31'20	S 19
S 20	13 51 20	29°38'47	14°30'2	26°31'1	22°36'27	27°18'3	27°18'3	3°32'23	23°42'16	16°19'4	4°5'27	27°32'27	27°28'27	27°30'23	23°27'20	S 20
M21	13 55 17	0°37'16	26°57'2	25°49'2	23°24'23	27°28'3	27°28'3	3°34'23	23°40'16	16°18'4	4°6'27	27°33'27	27°25'27	27°36'23	23°23'20	M21
T 22	13 59 13	1°35'43	9°13'2	25°10'3	24°4'27	27°38'3	27°38'3	3°36'23	23°38'16	16°16'4	4°7'27	27°33'27	27°22'27	27°43'23	23°19'20	T 22
W23	14 3 10	2°34'09	21°20'2	24°33'4	24°48'27	27°49'3	27°49'3	3°38'23	23°36'16	16°14'4	4°8'27	27°33'27	27°19'27	27°50'23	23°15'20	W23
T 24	14 7 6	3°32'32	3°18'2	23°58'6	25°32'27	27°59'3	27°59'3	3°40'23	23°34'16	16°13'4	4°9'27	27°33'27	27°16'27	27°56'23	23°11'20	T 24
F 25	14 11 3	4°30'54	15°12'2	23°27'7	26°16'28	28°10'3	28°10'3	3°42'23	23°32'16	16°11'4	4°10'27	27°33'27	27°12'27	28°3'23	23°7'20	F 25
S 26	14 15 0	5°29'14	27°1'2	23°0'8	27°0'28	28°20'3	28°20'3	3°44'23	23°31'16	16°10'4	4°11'27	27°32'27	27°9'27	28°10'23	23°3'20	S 26
S 27	14 18 56	6°27'32	8°11'5	22°36'9	27°44'28	28°31'3	28°31'3	3°47'23	23°29'16	16°8'4	4°12'27	27°31'27	27°6'27	28°16'22	22°59'20	S 27
M28	14 22 53	7°25'48	20°39'2	22°17'11	28°28'28	28°41'3	28°41'3	3°49'23	23°27'16	16°7'4	4°13'27	27°30'27	27°3'27	28°23'22	22°55'20	M28
T 29	14 26 49	8°24'03	2°34'2	22°3'12	29°12'29	28°52'3	28°52'3	3°52'23	23°26'16	16°5'4	4°14'27	27°28'27	27°0'27	28°30'22	22°50'20	T 29
W30	14 30 46	9°22'15	14°36'2	21°53'13	29°30'29	28°55'3	28°55'3	3°54'23	23°24'16	16°3'4	4°15'27	27°27'27	26°57'26	28°36'22	22°46'20	W30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	4n22	27n44	4n24	14n 1	2n49	9s28	1s 5	19s12	1s 8	23n17	0s 4	20n11	0n46	2n58	0n48	15s 7	1n50	21s25	12s 7	10n38	10n57	21n24	16s 5	2n55	
W 2	4 45	28 14	4 55	14 22	2 56	9 2	1 7	19 1	1 9	23 17	0 4	20 11	0 46	2 58	0 48	15 6	1 50	21 25	12 8	10 38	10 56	21 26	16 4	2 55	
T 3	5 8	27 23	5 12	14 40	3 1	8 37	1 9	18 50	1 10	23 18	0 4	20 11	0 46	2 59	0 48	15 6	1 50	21 25	12 8	10 38	10 54	21 28	16 3	2 56	
F 4	5 31	25 8	5 16	14 54	3 6	8 11	1 11	18 39	1 11	23 18	0 4	20 11	0 46	3 0	0 48	15 6	1 50	21 24	12 8	10 38	10 53	21 31	16 2	2 56	
S 5	5 54	21 34	5 4	15 5	3 9	7 45	1 13	18 28	1 12	23 19	0 4	20 11	0 46	3 1	0 48	15 5	1 50	21 24	12 8	10 38	10 52	21 33	16 1	2 57	
S 6	6 17	16 49	4 36	15 12	3 10	7 19	1 15	18 17	1 13	23 19	0 4	20 11	0 46	3 2	0 48	15 5	1 50	21 24	12 9	10 37	10 51	21 36	15 59	2 57	
M 7	6 40	11 5	3 51	15 16	3 11	6 52	1 17	18 5	1 14	23 19	0 4	20 11	0 47	3 3	0 48	15 4	1 50	21 23	12 9	10 37	10 50	21 38	15 58	2 58	
T 8	7 2	4 36	2 51	15 15	3 10	6 26	1 19	17 54	1 15	23 20	0 3	20 11	0 47	3 4	0 48	15 4	1 50	21 23	12 9	10 36	10 49	21 40	15 57	2 58	
W 9	7 25	2s16	1 38	15 11	3 7	5 59	1 20	17 42	1 16	23 20	0 3	20 11	0 47	3 5	0 48	15 4	1 50	21 23	12 9	10 36	10 48	21 43	15 56	2 59	
T 10	7 47	9 10	0 18	15 4	3 3	5 32	1 22	17 30	1 17	23 21	0 3	20 11	0 47	3 6	0 48	15 3	1 50	21 23	12 10	10 36	10 47	21 45	15 54	2 59	
F 11	8 9	15 38	1s 5	14 53	2 58	5 5	1 23	17 18	1 18	23 21	0 3	20 11	0 47	3 7	0 48	15 3	1 50	21 22	12 10	10 36	10 45	21 47	15 53	3 0	
S 12	8 31	21 10	2 23	14 39	2 51	4 37	1 25	17 5	1 19	23 22	0 3	20 11	0 47	3 8	0 48	15 2	1 50	21 22	12 10	10 36	10 44	21 50	15 52	3 0	
S 13	8 53	25 18	3 31	14 22	2 42	4 10	1 26	16 53	1 20	23 22	0 3	20 11	0 47	3 8	0 48	15 2	1 50	21 22	12 10	10 36	10 43	21 52	15 51	3 1	
M14	9 15	27 43	4 24	14 2	2 33	3 42	1 28	16 40	1 21	23 22	0 3	20 10	0 47	3 9	0 48	15 1	1 50	21 22	12 11	10 36	10 42	21 54	15 49	3 1	
T 15	9 36	28 12	4 59	13 39	2 21	3 14	1 29	16 28	1 22	23 23	0 3	20 10	0 47	3 10	0 48	15 1	1 50	21 22	12 11	10 36	10 41	21 57	15 48	3 2	
W16	9 58	26 52	5 16	13 14	2 9	2 46	1 30	16 15	1 23	23 23	0 2	20 10	0 47	3 11	0 48	15 1	1 50	21 21	12 11	10 36	10 40	21 59	15 47	3 2	
T 17	10 19	23 59	5 14	12 47	1 55	2 18	1 31	16 2	1 24	23 23	0 2	20 10	0 47	3 12	0 47	15 0	1 50	21 21	12 11	10 36	10 39	22 1	15 45	3 3	
F 18	10 40	19 53	4 56	12 18	1 41	1 50	1 32	15 48	1 25	23 24	0 2	20 9	0 47	3 12	0 47	15 0	1 50	21 21	12 12	10 36	10 37	22 3	15 44	3 3	
S 19	11 1	14 56	4 23	11 49	1 25	1 22	1 33	15 35	1 26	23 24	0 2	20 9	0 47	3 13	0 47	14 59	1 50	21 21	12 12	10 36	10 36	22 6	15 43	3 4	
S 20	11 22	9 27	3 37	11 19	1 9	0 54	1 34	15 22	1 27	23 24	0 2	20 8	0 47	3 14	0 47	14 59	1 50	21 21	12 12	10 37	10 35	22 8	15 41	3 4	
M21	11 42	3 41	2 42	10 48	0 53	0 26	1 35	15 8	1 28	23 25	0 2	20 8	0 47	3 15	0 47	14 58	1 50	21 21	12 13	10 37	10 34	22 10	15 40	3 5	
T 22	12 3	2n 8	1 40	10 18	0 36	0n 3	1 35	14 55	1 29	23 25	0 2	20 8	0 47	3 15	0 47	14 58	1 50	21 21	12 13	10 37	10 33	22 13	15 38	3 5	
W23	12 23	7 48	0 34	9 49	0 19	0 31	1 36	14 41	1 30	23 25	0 2	20 7	0 47	3 16	0 47	14 57	1 50	21 20	12 13	10 37	10 32	22 15	15 37	3 5	
T 24	12 43	13 8	0n32	9 20	0 2	0 59	1 37	14 27	1 31	23 26	0 2	20 7	0 47	3 17	0 47	14 57	1 50	21 20	12 13	10 37	10 31	22 17	15 36	3 6	
F 25	13 2	17 57	1 36	8 53	0s15	1 28	1 37	14 13	1 32	23 26	0 1	20 6	0 47	3 18	0 47	14 56	1 50	21 20	12 14	10 37	10 29	22 19	15 34	3 6	
S 26	13 22	22 3	2 36	8 27	0 32	1 56	1 38	13 59	1 33	23 26	0 1	20 6	0 47	3 18	0 47	14 56	1 50	21 20	12 14	10 36	10 28	22 22	15 33	3 7	
S 27	13 41	25 15	3 29	8 4	0 48	2 24	1 38	13 45	1 34	23 26	0 1	20 5	0 47	3 19	0 47	14 55	1 50	21 20	12 14	10 36	10 27	22 24	15 31	3 7	
M28	14 0	27 21	4 14	7 42	1 3	2 53	1 38	13 30	1 35	23 27	0 1	20 5	0 47	3 19	0 47	14 55	1 50	21 20	12 15	10 36	10 26	22 26	15 30	3 8	
T 29	14 19	28 14	4 47	7 23	1 18	3 21	1 38	13 16	1 36	23 27	0 1	20 4	0 47	3 20	0 47	14 55	1 50	21 20	12 15	10 35	10 25	22 28	15 28	3 8	
W30	14n38	27n47	5n 9	7n 7	1s32	3n49	1s39	13s 1	1s37	23n27	0s 1	20n 3	0n47	3n21	0n47	14s54	1n50	21s20	12s15	10n35	10n24	22n31	15s27	3n 8	

ASTRODIENST EPHEMERIS for the year 1800  
geocentric

MAY 1800

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Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	14 34 42	10°8'20"25	26°50'	21°R48	14°Y43	0°H39	29°II14	3°L57	23°R23	16°R 2	4°H16	27°R26	26°Y53	28°B43	22°R42	T 1
F 2	14 38 39	11°18'34	9°L20	21°D48	15°56	1°23	29°25	4° 0	23°M21	16°M 0	4°16	27°D25	26°50	28°50	22°M37	F 2
S 3	14 42 35	12°16'40	22° 9	21°Y52	17° 8	2° 7	29°37	4° 3	23°20	15°58	4°17	27°Y26	26°47	28°56	22°33	S 3
S 4	14 46 32	13°14'44	5°M22	22° 1	18°21	2°51	29°48	4° 6	23°18	15°57	4°18	27°26	26°44	29° 3	22°29	S 4
M 5	14 50 29	14°12'47	19° 1	22°15	19°34	3°34	29°59	4° 9	23°17	15°55	4°19	27°28	26°41	29°10	22°24	M 5
T 6	14 54 25	15°10'47	3°L 7	22°34	20°47	4°18	0°L10	4°12	23°16	15°54	4°19	27°29	26°37	29°16	22°20	T 6
W 7	14 58 22	16° 8'46	17°38	22°56	22° 0	5° 2	0°22	4°15	23°14	15°52	4°20	27°30	26°34	29°23	22°15	W 7
T 8	15 2 18	17° 6'42	2°M30	23°23	23°13	5°45	0°33	4°19	23°13	15°50	4°21	27°R30	26°31	29°30	22°11	T 8
F 9	15 6 15	18° 4'38	17°38	23°55	24°26	6°29	0°45	4°22	23°12	15°49	4°21	27°29	26°28	29°36	22° 6	F 9
S 10	15 10 11	19° 2'32	2°L51	24°30	25°39	7°13	0°57	4°26	23°11	15°47	4°22	27°27	26°25	29°43	22° 2	S 10
S 11	15 14 8	20° 0'24	18° 0	25° 9	26°52	7°56	1° 9	4°30	23°10	15°45	4°23	27°24	26°22	29°50	21°58	S 11
M12	15 18 4	20°58'15	2°B55	25°52	28° 5	8°40	1°20	4°33	23° 9	15°44	4°23	27°21	26°18	29°56	21°53	M12
T 13	15 22 1	21°56'05	17°30	26°39	29°18	9°24	1°32	4°37	23° 8	15°42	4°24	27°18	26°15	0°II 3	21°49	T 13
W14	15 25 58	22°53'53	1°A39	27°29	0°B31	10° 7	1°44	4°41	23° 7	15°41	4°24	27°16	26°12	0°10	21°44	W14
T 15	15 29 54	23°51'41	15°22	28°22	1°44	10°51	1°56	4°45	23° 6	15°39	4°25	27°15	26° 9	0°16	21°40	T 15
F 16	15 33 51	24°49'27	28°38	29°19	2°57	11°34	2° 8	4°49	23° 5	15°37	4°25	27°D14	26° 6	0°23	21°35	F 16
S 17	15 37 47	25°47'12	11°H31	0°B19	4°10	12°18	2°20	4°54	23° 4	15°36	4°26	27°15	26° 3	0°30	21°31	S 17
S 18	15 41 44	26°44'56	24° 4	1°22	5°23	13° 1	2°33	4°58	23° 4	15°34	4°26	27°17	25°59	0°36	21°26	S 18
M19	15 45 40	27°42'39	6°Y20	2°28	6°36	13°45	2°45	5° 2	23° 3	15°33	4°27	27°18	25°56	0°43	21°22	M19
T 20	15 49 37	28°40'20	18°25	3°37	7°49	14°28	2°57	5° 7	23° 2	15°31	4°27	27°20	25°53	0°50	21°17	T 20
W21	15 53 33	29°38'01	0°B21	4°49	9° 2	15°11	3°10	5°11	23° 2	15°29	4°28	27°R20	25°50	0°56	21°13	W21
T 22	15 57 30	0°II35'40	12°13	6° 3	10°15	15°55	3°22	5°16	23° 1	15°28	4°28	27°19	25°47	1° 3	21° 8	T 22
F 23	16 1 27	1°33'19	24° 1	7°20	11°28	16°38	3°34	5°21	23° 1	15°26	4°28	27°16	25°43	1°10	21° 4	F 23
S 24	16 5 23	2°30'56	5°II50	8°40	12°42	17°21	3°47	5°25	23° 0	15°25	4°28	27°12	25°40	1°16	21° 0	S 24
S 25	16 9 20	3°28'32	17°40	10° 3	13°55	18° 4	4° 0	5°30	23° 0	15°23	4°29	27° 6	25°37	1°23	20°55	S 25
M26	16 13 16	4°26'07	29°34	11°28	15° 8	18°47	4°12	5°35	23° 0	15°22	4°29	26°59	25°34	1°30	20°51	M26
T 27	16 17 13	5°23'41	11°B34	12°55	16°21	19°30	4°25	5°40	22°59	15°20	4°29	26°52	25°31	1°36	20°47	T 27
W28	16 21 9	6°21'13	23°41	14°25	17°34	20°13	4°38	5°45	22°59	15°19	4°29	26°46	25°28	1°43	20°43	W28
T 29	16 25 6	7°18'44	5°L59	15°58	18°47	20°56	4°50	5°50	22°59	15°17	4°30	26°41	25°24	1°50	20°39	T 29
F 30	16 29 2	8°16'14	18°30	17°33	20° 0	21°39	5° 3	5°56	22°59	15°16	4°30	26°37	25°21	1°56	20°34	F 30
S 31	16 32 59	9°II13'42	1°M18	19°B11	21°B13	22°H22	5°L16	6°L 1	22°D59	15°M14	4°H30	26°Y35	25°Y18	2°II 3	20°M30	S 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n56	25n59	5n17	6n52	1s45	4n17	1s39	12s47	1s38	23n27	0s 1	20n 3	0n47	3n21	0n47	14s54	1n50	21s20	12s16	10n34	10n23	22n33	15s25	3n 9
F 2	15 14	22 55	5 10	6 41	1 58	4 45	1 39	12 32	1 39	23 27	0 1	20 2	0 47	3 22	0 47	14 53	1 50	21 20	12 16	10 34	10 21	22 35	15 24	3 9
S 3	15 32	18 40	4 48	6 32	2 10	5 13	1 38	12 17	1 40	23 27	0 1	20 1	0 47	3 22	0 47	14 53	1 50	21 20	12 16	10 34	10 20	22 37	15 23	3 9
S 4	15 50	13 25	4 10	6 25	2 20	5 41	1 38	12 2	1 41	23 28	0 1	20 1	0 47	3 23	0 47	14 52	1 50	21 20	12 17	10 34	10 19	22 39	15 21	3 10
M 5	16 7	7 22	3 17	6 21	2 30	6 9	1 38	11 47	1 42	23 28	0 0	20 0	0 47	3 23	0 47	14 52	1 50	21 20	12 17	10 35	10 18	22 42	15 20	3 10
T 6	16 24	0 46	2 11	6 20	2 39	6 37	1 38	11 32	1 43	23 28	0 0	19 59	0 47	3 24	0 47	14 51	1 50	21 20	12 17	10 35	10 17	22 44	15 18	3 11
W 7	16 41	6s 5	0 54	6 21	2 47	7 5	1 37	11 17	1 44	23 28	0 0	19 58	0 47	3 24	0 47	14 51	1 50	21 20	12 18	10 36	10 16	22 46	15 17	3 11
T 8	16 58	12 47	0s28	6 24	2 54	7 32	1 37	11 2	1 44	23 28	0 0	19 58	0 47	3 25	0 47	14 50	1 50	21 20	12 18	10 36	10 15	22 48	15 15	3 11
F 9	17 14	18 51	1 49	6 30	3 0	7 59	1 36	10 46	1 45	23 28	0 0	19 57	0 47	3 25	0 47	14 50	1 50	21 20	12 18	10 35	10 13	22 50	15 14	3 12
S 10	17 30	23 44	3 3	6 38	3 6	8 26	1 36	10 31	1 46	23 28	0n 0	19 56	0 47	3 26	0 47	14 49	1 50	21 20	12 19	10 35	10 12	22 53	15 12	3 12
S 11	17 46	26 58	4 3	6 48	3 10	8 53	1 35	10 16	1 47	23 28	0 0	19 55	0 47	3 26	0 47	14 49	1 50	21 20	12 19	10 34	10 11	22 55	15 11	3 12
M12	18 1	28 13	4 46	7 0	3 14	9 20	1 34	10 0	1 48	23 28	0 0	19 54	0 47	3 26	0 47	14 48	1 50	21 20	12 19	10 33	10 10	22 57	15 10	3 12
T 13	18 16	27 26	5 10	7 14	3 17	9 47	1 34	9 45	1 49	23 28	0 0	19 53	0 47	3 27	0 47	14 48	1 50	21 21	12 20	10 32	10 9	22 59	15 8	3 13
W14	18 31	24 54	5 14	7 30	3 19	10 13	1 33	9 29	1 50	23 28	0 0	19 52	0 47	3 27	0 47	14 48	1 50	21 21	12 20	10 31	10 8	23 1	15 7	3 13
T 15	18 46	21 0	4 59	7 47	3 20	10 39	1 32	9 13	1 51	23 28	0 1	19 51	0 47	3 27	0 47	14 47	1 50	21 21	12 20	10 30	10 6	23 3	15 5	3 13
F 16	19 0	16 9	4 29	8 7	3 21	11 5	1 31	8 57	1 52	23 28	0 1	19 50	0 47	3 28	0 46	14 47	1 50	21 21	12 21	10 30	10 5	23 6	15 4	3 14
S 17	19 14	10 44	3 45	8 28	3 20	11 31	1 30	8 42	1 53	23 28	0 1	19 49	0 47	3 28	0 46	14 46	1 50	21 21	12 21	10 30	10 4	23 8	15 2	3 14
S 18	19 27	5 0	2 52	8 51	3 20	11 56	1 29	8 26	1 54	23 27	0 1	19 48	0 47	3 28	0 46	14 46	1 50	21 21	12 21	10 31	10 3	23 10	15 1	3 14
M19	19 40	0n48	1 53	9 15	3 18	12 22	1 27	8 10	1 55	23 27	0 1	19 47	0 47	3 28	0 46	14 45	1 50	21 21	12 22	10 32	10 2	23 12	15 0	3 14
T 20	19 53	6 29	0 49	9 40	3 16	12 46	1 26	7 54	1 56	23 27	0 1	19 46	0 47	3 29	0 46	14 45	1 50	21 21	12 22	10 32	10 1	23 14	14 58	3 15
W21	20 6	11 52	0n17	10 7	3 13	13 11	1 25	7 38	1 57	23 27	0 1	19 45	0 47	3 29	0 46	14 44	1 50	21 22	12 22	10 32	10 0	23 16	14 57	3 15
T 22	20 18	16 48	1 20	10 35	3 9	13 35	1 24	7 22	1 57	23 27	0 1	19 44	0 47	3 29	0 46	14 44	1 50	21 22	12 23	10 32	9 58	23 18	14 55	3 15
F 23	20 30	21 4	2 21	11 4	3 5	13 59	1 22	7 6	1 58	23 27	0 1	19 43	0 47	3 29	0 46	14 44	1 50	21 22	12 23	10 31	9 57	23 20	14 54	3 15
S 24	20 41	24 30	3 15	11 34	3 0	14 23	1 21	6 50	1 59	23 26	0 1	19 42	0 47	3 29	0 46	14 43	1 50	21 22	12 23	10 29	9 56	23 22	14 53	3 16
S 25	20 52	26 53	4 0	12 5	2 55	14 46	1 19	6 34	2 0	23 26	0 2	19 40	0 47	3 29	0 46	14 43	1 50	21 22	12 24	10 27	9 55	23 25	14 51	3 16
M26	21 3	28 3	4 35	12 37	2 49	15 9	1 18	6 18	2 1	23 26	0 2	19 39	0 47	3 29	0 46	14 42	1 50	21 23	12 24	10 25	9 54	23 27	14 50	3 16
T 27	21 14	27 56	4 59	13 9	2 42	15 32	1 16	6 2	2 2	23 25	0 2	19 38	0 47	3 29	0 46	14 42	1 50	21 23	12 24	10 22	9 53	23 29	14 49	3 16
W28	21 24	26 28	5 9	13 43	2 35	15 54	1 14	5 46	2 3	23 25	0 2	19 37	0 47	3 29	0 46	14 41	1 50	21 23	12 25	10 20	9 51	23 31	14 48	3 16
T 29	21 33	23 44	5 6	14 17	2 28	16 16	1 13	5 29	2 4	23 25	0 2	19 36	0 47	3 29	0 46	14 41	1 50	21 23	12 25	10 18	9 50	23 33	14 46	3 17
F 30	21 43	19 51	4 48	14 51	2 20	16 37	1 11	5 13	2 4	23 24	0 2	19 34	0 47	3 29	0 46	14 41	1 50	21 24	12 25	10 17	9 49	23 35	14 45	3 17
S 31	21n52	15n 0	4n15	15n26	2s11	16n58	1s 9	4s57	2s 5	23n24	0n 2	19n33	0n47	3n29	0n46	14s40	1n50	21s24	12s26	10n16	9n48	23n37	14s44	3n17



ASTRODIENST EPHEMERIS for the year 1800  
geocentric

JUNE 1800

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 36 56	10II11'09	14♍25	20♌51	22♌27	23♌5	5♌29	6♌6	22♍59	15°R13	4♌30	26°D35	25♍15	2II10	20°R26	S 1
M 2	16 40 52	11° 8'35	27°56	22°34	23°40	23°47	5°42	6°12	22°59	15♌11	4°30	26°Y36	25°12	2°16	20♌22	M 2
T 3	16 44 49	12° 6'00	11♌51	24°19	24°53	24°30	5°55	6°17	22°59	15°10	4°30	26°37	25° 9	2°23	20°18	T 3
W 4	16 48 45	13° 3'23	26°11	26° 7	26° 6	25°13	6° 8	6°23	22°59	15° 8	4°30	26°R38	25° 5	2°30	20°14	W 4
T 5	16 52 42	14° 0'46	10♌55	27°57	27°19	25°55	6°21	6°28	23° 0	15° 7	4°R30	26°37	25° 2	2°36	20°11	T 5
F 6	16 56 38	14°58'07	25°57	29°49	28°32	26°38	6°34	6°34	23° 0	15° 6	4°30	26°34	24°59	2°43	20° 7	F 6
S 7	17 0 35	15°55'28	11♌10	1II44	29°45	27°20	6°47	6°40	23° 0	15° 4	4°30	26°29	24°56	2°50	20° 3	S 7
S 8	17 4 31	16°52'48	26°24	3°41	0II59	28° 2	7° 0	6°46	23° 1	15° 3	4°30	26°23	24°53	2°56	19°59	S 8
M 9	17 8 28	17°50'07	11♌28	5°40	2°12	28°45	7°13	6°52	23° 1	15° 2	4°30	26°15	24°49	3° 3	19°56	M 9
T 10	17 12 25	18°47'25	26°13	7°42	3°25	29°27	7°26	6°58	23° 2	15° 0	4°30	26° 8	24°46	3°10	19°52	T 10
W11	17 16 21	19°44'43	10♌32	9°45	4°38	0Y 9	7°39	7° 4	23° 2	14°59	4°30	26° 1	24°43	3°16	19°49	W11
T 12	17 20 18	20°42'01	24°23	11°50	5°52	0°51	7°53	7°10	23° 3	14°58	4°30	25°56	24°40	3°23	19°45	T 12
F 13	17 24 14	21°39'18	7♌44	13°57	7° 5	1°33	8° 6	7°16	23° 3	14°57	4°29	25°53	24°37	3°30	19°42	F 13
S 14	17 28 11	22°36'35	20°38	16° 5	8°18	2°15	8°19	7°22	23° 4	14°55	4°29	25°D52	24°34	3°36	19°39	S 14
S 15	17 32 7	23°33'51	3Y10	18°15	9°31	2°57	8°33	7°28	23° 5	14°54	4°29	25°53	24°30	3°43	19°35	S 15
M16	17 36 4	24°31'07	15°23	20°25	10°45	3°38	8°46	7°35	23° 6	14°53	4°29	25°53	24°27	3°50	19°32	M16
T 17	17 40 0	25°28'23	27°23	22°36	11°58	4°20	8°59	7°41	23° 6	14°52	4°28	25°R54	24°24	3°56	19°29	T 17
W18	17 43 57	26°25'39	9♌15	24°48	13°11	5° 2	9°13	7°47	23° 7	14°51	4°28	25°53	24°21	4° 3	19°26	W18
T 19	17 47 54	27°22'54	21° 3	26°59	14°25	5°43	9°26	7°54	23° 8	14°50	4°28	25°50	24°18	4°10	19°23	T 19
F 20	17 51 50	28°20'09	2II51	29°11	15°38	6°24	9°39	8° 0	23° 9	14°49	4°27	25°44	24°15	4°16	19°21	F 20
S 21	17 55 47	29°17'24	14°41	1♌22	16°51	7° 6	9°53	8° 7	23°10	14°48	4°27	25°36	24°11	4°23	19°18	S 21
S 22	17 59 43	0♌14'39	26°36	3°33	18° 5	7°47	10° 6	8°13	23°12	14°47	4°27	25°26	24° 8	4°30	19°15	S 22
M23	18 3 40	1°11'54	8♌38	5°42	19°18	8°28	10°20	8°20	23°13	14°46	4°26	25°14	24° 5	4°37	19°13	M23
T 24	18 7 36	2° 9'08	20°47	7°51	20°32	9° 9	10°33	8°27	23°14	14°45	4°26	25° 2	24° 2	4°43	19°10	T 24
W25	18 11 33	3° 6'22	3♌ 6	9°58	21°45	9°50	10°47	8°34	23°15	14°44	4°25	24°51	23°59	4°50	19° 8	W25
T 26	18 15 30	4° 3'35	15°34	12° 3	22°59	10°30	11° 0	8°40	23°17	14°43	4°25	24°41	23°55	4°57	19° 5	T 26
F 27	18 19 26	5° 0'48	28°14	14° 7	24°12	11°11	11°14	8°47	23°18	14°42	4°24	24°34	23°52	5° 3	19° 3	F 27
S 28	18 23 23	5°58'01	11♍ 7	16°10	25°25	11°51	11°27	8°54	23°19	14°41	4°24	24°29	23°49	5°10	19° 1	S 28
S 29	18 27 19	6°55'13	24°15	18°11	26°39	12°32	11°41	9° 1	23°21	14°40	4°23	24°26	23°46	5°17	18°59	S 29
M30	18 31 16	7°52'25	7♌42	20°28	27II52	13Y12	11°54	9♌ 8	23♍22	14♌39	4♌23	24°D26	23Y43	5II23	18♌57	M30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	22n 0	9n20	3n28	16n 1	2s 3	17n19	1s 7	4s41	2s 6	23n23	0n 2	19n32	0n47	3n29	0n46	14s40	1n50	21s24	12s26	10n16	9n47	23n39	14s43	3n17	
M 2	22 8	3 6	2 29	16 36	1 53	17 39	1 5	4 25	2 7	23 23	0 2	19 30	0 47	3 29	0 46	14 39	1 50	21 25	12 26	10 16	9 46	23 41	14 41	3 17	
T 3	22 16	3s28	1 19	17 12	1 44	17 59	1 4	4 9	2 8	23 23	0 2	19 29	0 47	3 29	0 46	14 39	1 50	21 25	12 27	10 17	9 44	23 43	14 40	3 17	
W 4	22 24	10 5	0 2	17 47	1 34	18 18	1 2	3 52	2 9	23 22	0 3	19 28	0 47	3 29	0 46	14 39	1 50	21 25	12 27	10 17	9 43	23 45	14 39	3 18	
T 5	22 31	16 20	1s16	18 22	1 23	18 37	1 0	3 36	2 9	23 22	0 3	19 26	0 47	3 29	0 46	14 38	1 50	21 26	12 28	10 17	9 42	23 47	14 38	3 18	
F 6	22 37	21 43	2 31	18 57	1 13	18 55	0 58	3 20	2 10	23 21	0 3	19 25	0 47	3 29	0 46	14 38	1 50	21 26	12 28	10 16	9 41	23 49	14 37	3 18	
S 7	22 43	25 43	3 36	19 31	1 2	19 13	0 55	3 4	2 11	23 20	0 3	19 23	0 47	3 29	0 46	14 38	1 50	21 26	12 28	10 14	9 40	23 51	14 36	3 18	
S 8	22 49	27 51	4 26	20 4	0 51	19 31	0 53	2 48	2 12	23 20	0 3	19 22	0 47	3 28	0 46	14 37	1 50	21 27	12 29	10 11	9 39	23 53	14 35	3 18	
M 9	22 55	27 54	4 57	20 37	0 40	19 47	0 51	2 32	2 13	23 19	0 3	19 20	0 47	3 28	0 45	14 37	1 50	21 27	12 29	10 9	9 37	23 55	14 34	3 18	
T 10	23 0	25 57	5 7	21 8	0 29	20 4	0 49	2 16	2 13	23 19	0 3	19 19	0 47	3 28	0 45	14 37	1 50	21 27	12 29	10 6	9 36	23 57	14 33	3 18	
W11	23 4	22 22	4 57	21 39	0 18	20 19	0 47	1 59	2 14	23 18	0 3	19 17	0 47	3 28	0 45	14 36	1 50	21 28	12 30	10 4	9 35	23 59	14 32	3 18	
T 12	23 8	17 39	4 30	22 7	0 7	20 35	0 45	1 43	2 15	23 17	0 3	19 16	0 47	3 27	0 45	14 36	1 50	21 28	12 30	10 2	9 34	24 1	14 31	3 18	
F 13	23 12	12 13	3 49	22 34	0n 4	20 49	0 42	1 27	2 16	23 17	0 3	19 14	0 47	3 27	0 45	14 36	1 50	21 28	12 30	10 1	9 33	24 3	14 30	3 19	
S 14	23 16	6 26	2 58	22 59	0 15	21 3	0 40	1 11	2 16	23 16	0 3	19 13	0 47	3 27	0 45	14 35	1 50	21 29	12 31	10 0	9 32	24 5	14 29	3 19	
S 15	23 19	0 34	1 59	23 22	0 25	21 17	0 38	0 55	2 17	23 15	0 4	19 11	0 47	3 27	0 45	14 35	1 50	21 29	12 31	10 1	9 30	24 7	14 28	3 19	
M16	23 21	5n12	0 56	23 42	0 35	21 30	0 35	0 40	2 18	23 14	0 4	19 10	0 47	3 26	0 45	14 35	1 49	21 30	12 31	10 1	9 29	24 9	14 27	3 19	
T 17	23 23	10 41	0n 8	24 0	0 45	21 42	0 33	0 24	2 19	23 13	0 4	19 8	0 47	3 26	0 45	14 34	1 49	21 30	12 32	10 1	9 28	24 11	14 26	3 19	
W18	23 25	15 43	1 11	24 16	0 54	21 54	0 31	0 8	2 19	23 13	0 4	19 6	0 47	3 25	0 45	14 34	1 49	21 30	12 32	10 1	9 27	24 13	14 25	3 19	
T 19	23 26	20 8	2 10	24 29	1 3	22 5	0 28	0n 8	2 20	23 12	0 4	19 5	0 48	3 25	0 45	14 34	1 49	21 31	12 32	9 59	9 26	24 15	14 24	3 19	
F 20	23 27	23 45	3 4	24 39	1 11	22 16	0 26	0 24	2 21	23 11	0 4	19 3	0 48	3 25	0 45	14 33	1 49	21 31	12 33	9 57	9 25	24 17	14 23	3 19	
S 21	23 28	26 23	3 49	24 46	1 18	22 26	0 24	0 39	2 21	23 10	0 4	19 2	0 48	3 24	0 45	14 33	1 49	21 32	12 33	9 55	9 23	24 19	14 23	3 19	
S 22	23 28	27 51	4 25	24 50	1 25	22 35	0 21	0 55	2 22	23 9	0 4	19 0	0 48	3 24	0 45	14 33	1 49	21 32	12 33	9 51	9 22	24 21	14 22	3 19	
M23	23 28	28 0	4 50	24 52	1 31	22 43	0 19	1 11	2 23	23 8	0 4	18 58	0 48	3 23	0 45	14 33	1 49	21 33	12 34	9 47	9 21	24 23	14 21	3 19	
T 24	23 27	26 49	5 1	24 50	1 37	22 51	0 16	1 26	2 23	23 7	0 4	18 56	0 48	3 23	0 45	14 32	1 49	21 33	12 34	9 42	9 20	24 24	14 21	3 19	
W25	23 26	24 20	4 59	24 46	1 41	22 59	0 14	1 42	2 24	23 6	0 5	18 55	0 48	3 22	0 45	14 32	1 49	21 34	12 34	9 38	9 19	24 26	14 20	3 19	
T 26	23 24	20 41	4 43	24 40	1 45	23 5	0 12	1 57	2 24	23 5	0 5	18 53	0 48	3 21	0 45	14 32	1 49	21 34	12 35	9 34	9 18	24 28	14 19	3 19	
F 27	23 22	16 2	4 12	24 31	1 48	23 11	0 9	2 12	2 25	23 4	0 5	18 51	0 48	3 21	0 45	14 32	1 49	21 35	12 35	9 32	9 16	24 30	14 19	3 19	
S 28	23 20	10 37	3 28	24 19	1 51	23 17	0 7	2 27	2 26	23 3	0 5	18 49	0 48	3 20	0 45	14 32	1 49	21 35	12 35	9 30	9 15	24 32	14 18	3 19	
S 29	23 17	4 37	2 33	24 5	1 52	23 21	0 4	2 43	2 26	23 2	0 5	18 48	0 48	3 20	0 45	14 31	1 49	21 36	12 36	9 29	9 14	24 34	14 17	3 19	
M30	23n14	1s43	1n28	23n49	1n53	23n25	0s 2	2n58	2s27	23n 1	0n 5	18n46	0n48	3n19	0n45	14s31	1n49	21s36	12s36	9n29	9n13	24n36	14s17	3n19	

ASTRODIENST EPHEMERIS for the year 1800  
geocentric

JULY 1800

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 35 12	8♌49'36	21♊28	22♌6	29♋6	13♌52	12♌8	9♏15	23♐24	14♑R38	4♑R22	24♑R26	23♑Y40	5♋30	18♑R55	T 1
W 2	18 39 9	9♌46'47	5♋36	24° 1	0♌19	14°32	12°21	9°22	23°26	14♋38	4♋21	24♑Y26	23°36	5°37	18♋53	W 2
T 3	18 43 5	10°43'58	20° 4	25°54	1°33	15°12	12°35	9°29	23°27	14°37	4°21	24°24	23°33	5°43	18°52	T 3
F 4	18 47 2	11°41'09	4♌50	27°45	2°46	15°51	12°48	9°36	23°29	14°36	4°20	24°20	23°30	5°50	18°50	F 4
S 5	18 50 59	12°38'20	19°49	29°34	4° 0	16°31	13° 2	9°43	23°31	14°35	4°19	24°13	23°27	5°57	18°49	S 5
S 6	18 54 55	13°35'30	4♌52	1♏21	5°14	17°10	13°15	9°50	23°32	14°35	4°19	24° 3	23°24	6° 3	18°47	S 6
M 7	18 58 52	14°32'41	19°49	3° 6	6°27	17°50	13°29	9°58	23°34	14°34	4°18	23°53	23°21	6°10	18°46	M 7
T 8	19 2 48	15°29'52	4♌51	4°49	7°41	18°29	13°42	10° 5	23°36	14°34	4°17	23°42	23°17	6°17	18°45	T 8
W 9	19 6 45	16°27'03	18°52	6°30	8°54	19° 8	13°56	10°12	23°38	14°33	4°16	23°32	23°14	6°23	18°44	W 9
T 10	19 10 41	17°24'15	2♋45	8° 9	10° 8	19°47	14° 9	10°19	23°40	14°32	4°16	23°24	23°11	6°30	18°43	T 10
F 11	19 14 38	18°21'27	16° 9	9°46	11°22	20°25	14°23	10°27	23°42	14°32	4°15	23°19	23° 8	6°37	18°42	F 11
S 12	19 18 34	19°18'39	29° 7	11°21	12°35	21° 4	14°36	10°34	23°44	14°31	4°14	23°16	23° 5	6°43	18°41	S 12
S 13	19 22 31	20°15'52	11♑40	12°54	13°49	21°42	14°50	10°41	23°46	14°31	4°13	23°15	23° 1	6°50	18°40	S 13
M14	19 26 28	21°13'06	23°55	14°25	15° 3	22°21	15° 3	10°49	23°49	14°31	4°12	23°15	22°58	6°57	18°40	M14
T 15	19 30 24	22°10'20	5♌55	15°54	16°16	22°59	15°17	10°56	23°51	14°30	4°11	23°15	22°55	7° 4	18°39	T 15
W16	19 34 21	23° 7'35	17°47	17°21	17°30	23°36	15°30	11° 4	23°53	14°30	4°11	23°13	22°52	7°10	18°39	W16
T 17	19 38 17	24° 4'51	29°36	18°45	18°44	24°14	15°44	11°11	23°55	14°29	4°10	23°10	22°49	7°17	18°38	T 17
F 18	19 42 14	25° 2'08	11♋25	20° 8	19°58	24°52	15°57	11°19	23°58	14°29	4° 9	23° 3	22°46	7°24	18°38	F 18
S 19	19 46 10	25°59'25	23°19	21°29	21°12	25°29	16°11	11°26	24° 0	14°29	4° 8	22°54	22°42	7°30	18°D38	S 19
S 20	19 50 7	26°56'43	5♌21	22°47	22°25	26° 6	16°24	11°34	24° 2	14°29	4° 7	22°43	22°39	7°37	18°38	S 20
M21	19 54 3	27°54'02	17°33	24° 3	23°39	26°43	16°37	11°41	24° 5	14°28	4° 6	22°30	22°36	7°44	18°38	M21
T 22	19 58 0	28°51'21	29°55	25°17	24°53	27°20	16°51	11°49	24° 7	14°28	4° 5	22°17	22°33	7°50	18°38	T 22
W23	20 1 57	29°48'41	12♏29	26°28	26° 7	27°56	17° 4	11°56	24°10	14°28	4° 4	22° 4	22°30	7°57	18°39	W23
T 24	20 5 53	0♏46'02	25°13	27°37	27°21	28°32	17°17	12° 4	24°13	14°28	4° 3	21°53	22°27	8° 4	18°39	T 24
F 25	20 9 50	1°43'23	8♐9	28°44	28°35	29° 9	17°31	12°12	24°15	14°28	4° 2	21°45	22°23	8°10	18°40	F 25
S 26	20 13 46	2°40'44	21°17	29°48	29°49	29°44	17°44	12°19	24°18	14°28	4° 1	21°39	22°20	8°17	18°40	S 26
S 27	20 17 43	3°38'06	4♌36	0♐49	1♏3	0♏20	17°57	12°27	24°21	14°D28	4° 0	21°36	22°17	8°24	18°41	S 27
M28	20 21 39	4°35'29	18° 8	1°47	2°17	0°55	18°11	12°35	24°23	14°28	3°59	21°D35	22°14	8°30	18°42	M28
T 29	20 25 36	5°32'52	1♋54	2°43	3°31	1°30	18°24	12°42	24°26	14°28	3°58	21°R35	22°11	8°37	18°43	T 29
W30	20 29 32	6°30'16	15°55	3°35	4°45	2° 5	18°37	12°50	24°29	14°28	3°57	21°35	22° 7	8°44	18°44	W30
T 31	20 33 29	7♏27'41	0♌9	4♐24	5♏59	2♏40	18°50	12°58	24♐32	14♋28	3♋55	21°Y34	22°Y 4	8♋50	18♋45	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	lat
T 1	23n10	8s 8	0n16	23n31	1n54	23n28	0n 1	3n13	2s27	23n 0	0n 5	18n44	0n48	3n18	0n45	14s31	1n49	21s37	12s36	9n29	9n12	24n38	14s16	3n19
W 2	23 6	14 20	0s59	23 11	1 53	23 31	0 3	3 28	2 28	22 59	0 5	18 42	0 48	3 18	0 44	14 31	1 49	21 37	12 36	9 29	9 11	24 40	14 16	3 19
T 3	23 2	19 53	2 11	22 50	1 52	23 33	0 5	3 43	2 28	22 58	0 5	18 40	0 48	3 17	0 44	14 31	1 49	21 38	12 37	9 28	9 9	24 41	14 16	3 19
F 4	22 57	24 21	3 16	22 26	1 50	23 34	0 8	3 57	2 29	22 56	0 5	18 38	0 48	3 16	0 44	14 30	1 49	21 38	12 37	9 26	9 8	24 43	14 15	3 19
S 5	22 52	27 13	4 9	22 1	1 48	23 35	0 10	4 12	2 30	22 55	0 5	18 37	0 48	3 15	0 44	14 30	1 49	21 39	12 37	9 24	9 7	24 45	14 15	3 19
S 6	22 46	28 7	4 44	21 35	1 45	23 34	0 13	4 27	2 30	22 54	0 6	18 35	0 48	3 15	0 44	14 30	1 49	21 39	12 38	9 21	9 6	24 47	14 14	3 19
M 7	22 40	26 57	5 0	21 8	1 41	23 34	0 15	4 41	2 31	22 53	0 6	18 33	0 48	3 14	0 44	14 30	1 48	21 40	12 38	9 17	9 5	24 49	14 14	3 19
T 8	22 34	23 56	4 56	20 39	1 37	23 32	0 17	4 55	2 31	22 51	0 6	18 31	0 48	3 13	0 44	14 30	1 48	21 40	12 38	9 13	9 4	24 51	14 14	3 19
W 9	22 27	19 30	4 32	20 10	1 32	23 30	0 20	5 10	2 31	22 50	0 6	18 29	0 48	3 12	0 44	14 30	1 48	21 41	12 38	9 9	9 2	24 52	14 14	3 19
T 10	22 20	14 8	3 53	19 39	1 27	23 27	0 22	5 24	2 32	22 49	0 6	18 27	0 48	3 12	0 44	14 30	1 48	21 41	12 39	9 6	9 1	24 54	14 13	3 19
F 11	22 12	8 16	3 3	19 8	1 22	23 23	0 24	5 38	2 32	22 47	0 6	18 25	0 48	3 11	0 44	14 30	1 48	21 42	12 39	9 4	9 0	24 56	14 13	3 19
S 12	22 5	2 15	2 4	18 36	1 15	23 19	0 27	5 52	2 33	22 46	0 6	18 23	0 48	3 10	0 44	14 30	1 48	21 42	12 39	9 3	8 59	24 58	14 13	3 19
S 13	21 56	3n41	1 1	18 3	1 9	23 14	0 29	6 6	2 33	22 45	0 6	18 21	0 49	3 9	0 44	14 29	1 48	21 43	12 40	9 3	8 58	24 59	14 13	3 19
M14	21 47	9 21	0n 4	17 30	1 2	23 8	0 31	6 20	2 34	22 43	0 6	18 19	0 49	3 8	0 44	14 29	1 48	21 44	12 40	9 3	8 56	25 1	14 13	3 19
T 15	21 38	14 33	1 7	16 57	0 54	23 2	0 33	6 34	2 34	22 42	0 6	18 17	0 49	3 7	0 44	14 29	1 48	21 44	12 40	9 3	8 55	25 3	14 13	3 19
W16	21 29	19 10	2 6	16 23	0 46	22 54	0 35	6 47	2 34	22 40	0 7	18 15	0 49	3 6	0 44	14 29	1 48	21 45	12 40	9 2	8 54	25 5	14 13	3 18
T 17	21 19	23 0	2 59	15 49	0 38	22 47	0 38	7 1	2 35	22 39	0 7	18 13	0 49	3 5	0 44	14 29	1 48	21 45	12 41	9 1	8 53	25 7	14 13	3 18
F 18	21 9	25 54	3 45	15 15	0 29	22 38	0 40	7 14	2 35	22 37	0 7	18 11	0 49	3 4	0 44	14 29	1 48	21 46	12 41	8 58	8 52	25 8	14 13	3 18
S 19	20 58	27 39	4 22	14 40	0 20	22 29	0 42	7 27	2 35	22 36	0 7	18 9	0 49	3 3	0 44	14 29	1 48	21 46	12 41	8 55	8 51	25 10	14 13	3 18
S 20	20 48	28 8	4 47	14 6	0 10	22 19	0 44	7 40	2 36	22 34	0 7	18 7	0 49	3 2	0 44	14 29	1 48	21 47	12 41	8 51	8 49	25 12	14 13	3 18
M21	20 36	27 15	4 59	13 32	0 1	22 9	0 46	7 53	2 36	22 33	0 7	18 5	0 49	3 1	0 44	14 29	1 48	21 48	12 42	8 46	8 48	25 14	14 13	3 18
T 22	20 25	25 2	4 57	12 58	0s 9	21 58	0 48	8 6	2 36	22 31	0 7	18 3	0 49	3 0	0 44	14 29	1 48	21 48	12 42	8 41	8 47	25 15	14 13	3 18
W23	20 13	21 35	4 41	12 24	0 20	21 46	0 50	8 19	2 37	22 30	0 7	18 1	0 49	2 59	0 44	14 29	1 48	21 49	12 42	8 36	8 46	25 17	14 13	3 18
T 24	20 1	17 4	4 11	11 50	0 30	21 34	0 52	8 32	2 37	22 28	0 7	17 59	0 49	2 58	0 44	14 29	1 47	21 49	12 42	8 32	8 45	25 19	14 13	3 18
F 25	19 48	11 44	3 28	11 17	0 41	21 21	0 54	8 44	2 37	22 27	0 7	17 57	0 49	2 57	0 44	14 29	1 47	21 50	12 42	8 29	8 43	25 20	14 14	3 18
S 26	19 35	5 48	2 33	10 44	0 52	21 7	0 55	8 56	2 37	22 25	0 8	17 55	0 49	2 56	0 44	14 29	1 47	21 50	12 43	8 27	8 42	25 22	14 14	3 18
S 27	19 22	0s28	1 29	10 12	1 4	20 53	0 57	9 9	2 37	22 23	0 8	17 53	0 49	2 55	0 44	14 29	1 47	21 51	12 43	8 26	8 41	25 24	14 14	3 18
M28	19 8	6 50	0 18	9 41	1 15	20 38	0 59	9 21	2 38	22 22	0 8	17 51	0 49	2 54	0 44	14 29	1 47	21 52	12 43	8 26	8 40	25 25	14 14	3 18
T 29	18 54	13 0	0s54	9 10	1 27	20 22	1 1	9 33	2 38	22 20	0 8	17 48	0 50	2 53	0 43	14 29	1 47	21 52	12 43	8 26	8 39	25 27	14 15	3 17
W30	18 40	18 37	2 5	8 40	1 39	20 6	1 2	9 44	2 38	22 18	0 8	17 46	0 50	2 52	0 43	14 30	1 47	21 53	12 43	8 26	8 38	25 29	14 15	3 17
T 31	18n26	23s17	3s 9	8n11	1s51	19n50	1n 4	9n56	2s38	22n16	0n 8	17n44	0n50	2n50	0n43	14s30	1n47	21s53	12s44	8n25	8n36	25n30	14s16	3n17



# ASTRODIENST EPHEMERIS for the year 1800

## geocentric

AUGUST 1800

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 37 26	8♌25°06	14♊37	5♍10	7♏13	3♏14	19♍3	13♏5	24♍35	14♌28	3♌54	21♌30	22♌1	8♏57	18♌46	F 1
S 2	20 41 22	9°22'32	29°14	5°52	8°27	3°49	19°16	13°13	24°37	14°28	3♌53	21♌23	21°58	9°4	18°48	S 2
S 3	20 45 19	10°19'58	13♌54	6°31	9°41	4°22	19°29	13°21	24°40	14°29	3°52	21°15	21°55	9°11	18°49	S 3
M 4	20 49 15	11°17'26	28°31	7°5	10°55	4°56	19°42	13°28	24°43	14°29	3°51	21°4	21°52	9°17	18°51	M 4
T 5	20 53 12	12°14'54	12♌57	7°36	12°9	5°29	19°55	13°36	24°46	14°29	3°50	20°54	21°48	9°24	18°52	T 5
W 6	20 57 8	13°12'24	27°5	8°2	13°23	6°3	20°8	13°44	24°49	14°30	3°49	20°45	21°45	9°31	18°54	W 6
T 7	21 1 5	14°9'54	10♌51	8°24	14°37	6°35	20°21	13°51	24°52	14°30	3°47	20°37	21°42	9°37	18°56	T 7
F 8	21 5 2	15°7'26	24°12	8°41	15°51	7°8	20°34	13°59	24°56	14°30	3°46	20°32	21°39	9°44	18°58	F 8
S 9	21 8 58	16°4'59	7♌9	8°54	17°5	7°40	20°47	14°7	24°59	14°31	3°45	20°29	21°36	9°51	19°0	S 9
S 10	21 12 55	17°2'33	19°43	9°1	18°19	8°12	21°0	14°15	25°2	14°31	3°44	20°D28	21°33	9°57	19°2	S 10
M 11	21 16 51	18°0'09	1♌59	9°R 3	19°33	8°44	21°12	14°22	25°5	14°32	3°43	20°29	21°29	10°4	19°4	M 11
T 12	21 20 48	18°57'47	14°2	8°59	20°48	9°15	21°25	14°30	25°8	14°32	3°41	20°R29	21°26	10°11	19°7	T 12
W 13	21 24 44	19°55'26	25°55	8°50	22°2	9°46	21°38	14°38	25°11	14°33	3°40	20°29	21°23	10°17	19°9	W 13
T 14	21 28 41	20°53'06	7♏45	8°35	23°16	10°16	21°50	14°45	25°15	14°33	3°39	20°28	21°20	10°24	19°12	T 14
F 15	21 32 37	21°50'48	19°37	8°15	24°30	10°47	22°3	14°53	25°18	14°34	3°38	20°24	21°17	10°31	19°14	F 15
S 16	21 36 34	22°48'32	1♌35	7°49	25°45	11°17	22°15	15°1	25°21	14°34	3°36	20°18	21°13	10°38	19°17	S 16
S 17	21 40 31	23°46'17	13°43	7°18	26°59	11°46	22°28	15°8	25°25	14°35	3°35	20°10	21°10	10°44	19°20	S 17
M 18	21 44 27	24°44'04	26°4	6°42	28°13	12°15	22°40	15°16	25°28	14°36	3°34	20°1	21°7	10°51	19°23	M 18
T 19	21 48 24	25°41'52	8♏29	6°1	29°27	12°44	22°52	15°24	25°31	14°36	3°33	19°51	21°4	10°58	19°26	T 19
W 20	21 52 20	26°39'42	21°28	5°15	0♍42	13°13	23°5	15°31	25°35	14°37	3°31	19°41	21°1	11°4	19°29	W 20
T 21	21 56 17	27°37'33	4♍33	4°26	1°56	13°41	23°17	15°39	25°38	14°38	3°30	19°33	20°58	11°11	19°32	T 21
F 22	22 0 13	28°35'26	17°50	3°35	3°10	14°8	23°29	15°46	25°42	14°39	3°29	19°27	20°54	11°18	19°35	F 22
S 23	22 4 10	29°33'20	1♌20	2°41	4°25	14°36	23°41	15°54	25°45	14°40	3°28	19°24	20°51	11°24	19°39	S 23
S 24	22 8 6	0♍31°15	14°59	1°46	5°39	15°2	23°53	16°2	25°49	14°41	3°26	19°D22	20°48	11°31	19°42	S 24
M 25	22 12 3	1°29'12	28°48	0°52	6°53	15°29	24°5	16°9	25°52	14°41	3°25	19°22	20°45	11°38	19°46	M 25
T 26	22 15 59	2°27'10	12♌45	29♏59	8°8	15°55	24°17	16°17	25°56	14°42	3°24	19°23	20°42	11°44	19°49	T 26
W 27	22 19 56	3°25'09	26°49	29°8	9°22	16°20	24°29	16°24	25°59	14°43	3°22	19°R24	20°38	11°51	19°53	W 27
T 28	22 23 53	4°23'10	10♌58	28°21	10°36	16°45	24°41	16°32	26°3	14°44	3°21	19°24	20°35	11°58	19°57	T 28
F 29	22 27 49	5°21'12	25°12	27°38	11°51	17°10	24°53	16°39	26°6	14°45	3°20	19°23	20°32	12°5	20°1	F 29
S 30	22 31 46	6°19'15	9♌29	27°1	13°5	17°34	25°4	16°47	26°10	14°46	3°19	19°19	20°29	12°11	20°5	S 30
S 31	22 35 42	7♍17°20	23♌44	26♏31	14♍20	17♌57	25♌16	16♏54	26♍14	14♌48	3♌17	19♌14	20♌26	12♏18	20♌9	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	18n11	26s35	4s 2	7n44	2s 3	19n33	1n 5	10n 8	2s38	22n15	0n 8	17n42	0n50	2n49	0n43	14s30
S 2	17 56	28 8	4 40	7 17	2 15	19 15	1 7	10 19	2 38	22 13	0 8	17 40	0 50	2 48	0 43	14 30
S 3	17 40	27 42	4 59	6 52	2 27	18 57	1 8	10 30	2 38	22 11	0 8	17 38	0 50	2 47	0 43	14 30
M 4	17 25	25 22	4 59	6 28	2 39	18 38	1 10	10 41	2 38	22 9	0 8	17 36	0 50	2 46	0 43	14 30
T 5	17 9	21 25	4 40	6 5	2 50	18 18	1 11	10 52	2 39	22 8	0 9	17 34	0 50	2 44	0 43	14 30
W 6	16 52	16 19	4 4	5 45	3 2	17 59	1 12	11 3	2 39	22 6	0 9	17 31	0 50	2 43	0 43	14 30
T 7	16 36	10 30	3 14	5 26	3 14	17 38	1 13	11 14	2 39	22 4	0 9	17 29	0 50	2 42	0 43	14 31
F 8	16 19	4 22	2 15	5 9	3 25	17 17	1 15	11 25	2 39	22 2	0 9	17 27	0 50	2 41	0 43	14 31
S 9	16 2	1n46	1 10	4 55	3 36	16 56	1 16	11 35	2 39	22 0	0 9	17 25	0 50	2 40	0 43	14 31
S 10	15 45	7 40	0 4	4 42	3 46	16 34	1 17	11 45	2 39	21 59	0 9	17 23	0 50	2 38	0 43	14 31
M 11	15 27	13 8	1n 1	4 32	3 56	16 12	1 18	11 55	2 38	21 57	0 9	17 21	0 51	2 37	0 43	14 31
T 12	15 9	18 1	2 2	4 25	4 5	15 49	1 19	12 5	2 38	21 55	0 9	17 18	0 51	2 36	0 43	14 31
W 13	14 51	22 8	2 58	4 21	4 14	15 26	1 20	12 15	2 38	21 53	0 9	17 16	0 51	2 34	0 43	14 32
T 14	14 33	25 20	3 45	4 19	4 21	15 3	1 20	12 25	2 38	21 51	0 9	17 14	0 51	2 33	0 43	14 32
F 15	14 15	27 25	4 23	4 20	4 28	14 39	1 21	12 34	2 38	21 49	0 10	17 12	0 51	2 32	0 43	14 32
S 16	13 56	28 17	4 49	4 25	4 33	14 14	1 22	12 44	2 38	21 47	0 10	17 10	0 51	2 30	0 43	14 32
S 17	13 37	27 47	5 3	4 33	4 37	13 49	1 22	12 53	2 38	21 45	0 10	17 8	0 51	2 29	0 43	14 33
M 18	13 18	25 55	5 3	4 44	4 40	13 24	1 23	13 2	2 37	21 43	0 10	17 5	0 51	2 28	0 43	14 33
T 19	12 58	22 46	4 49	4 58	4 41	12 59	1 24	13 11	2 37	21 41	0 10	17 3	0 51	2 26	0 43	14 33
W 20	12 39	18 28	4 20	5 15	4 40	12 33	1 24	13 20	2 37	21 39	0 10	17 1	0 51	2 25	0 43	14 33
T 21	12 19	13 13	3 37	5 35	4 38	12 7	1 24	13 28	2 37	21 38	0 10	16 59	0 51	2 24	0 43	14 34
F 22	11 59	7 17	2 41	5 58	4 33	11 40	1 25	13 37	2 36	21 36	0 10	16 57	0 52	2 22	0 43	14 34
S 23	11 38	0 56	1 36	6 23	4 27	11 13	1 25	13 45	2 36	21 34	0 10	16 55	0 52	2 21	0 43	14 34
S 24	11 18	5s33	0 24	6 50	4 18	10 46	1 25	13 53	2 36	21 32	0 11	16 52	0 52	2 19	0 43	14 35
M 25	10 58	11 51	0s51	7 18	4 8	10 19	1 25	14 1	2 35	21 30	0 11	16 50	0 52	2 18	0 43	14 35
T 26	10 37	17 38	2 3	7 48	3 56	9 51	1 25	14 9	2 35	21 28	0 11	16 48	0 52	2 16	0 43	14 35
W 27	10 16	22 31	3 8	8 18	3 43	9 23	1 25	14 16	2 35	21 26	0 11	16 46	0 52	2 15	0 43	14 36
T 28	9 55	26 7	4 2	8 49	3 28	8 55	1 25	14 24	2 34	21 24	0 11	16 44	0 52	2 14	0 43	14 36
F 29	9 34	28 5	4 42	9 19	3 12	8 26	1 25	14 31	2 34	21 22	0 11	16 42	0 52	2 12	0 43	14 36
S 30	9 12	28 11	5 5	9 47	2 54	7 57	1 25	14 38	2 33	21 20	0 11	16 40	0 52	2 11	0 43	14 37
S 31	8n51	26s26	5s 8	10n15	2s36	7n29	1n25	14n45	2s33	21n18	0n11	16n37	0n52	2n 9	0n43	14s37

Julian Day Number = 2378708.5, Delta T = 18.34 sec  
 Ecliptic obliquity = 23°28'03, Nutation = - 0°00'05, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 21°57'21, Lahiri = 21°04'22

# ASTRODIENST EPHEMERIS for the year 1800

## geocentric

SEPTEMBER 1800

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 39 39	8 <sup>h</sup> 15'27"	7 <sup>h</sup> 53'	26°R 8	15 <sup>h</sup> 34'	18 <sup>h</sup> 20'	25 <sup>h</sup> 27'	17 <sup>h</sup> 01'	26 <sup>h</sup> 17'	14 <sup>h</sup> 49'	3°R16	19°R 8	20 <sup>h</sup> 23'	12 <sup>h</sup> 25'	20 <sup>h</sup> 13'	M 1
T 2	22 43 35	9°13'34"	21°53'	25 <sup>h</sup> 53'	16°48'	18°43'	25°39'	17° 9'	26°21'	14°50'	3 <sup>h</sup> 15'	19°Y 1	20°19'	12°31'	20°17'	T 2
W 3	22 47 32	10°11'44"	5 <sup>h</sup> 39'	25°D47'	18° 3'	19° 5'	25°50'	17°16'	26°25'	14°51'	3°14'	18°56'	20°16'	12°38'	20°22'	W 3
T 4	22 51 29	11° 9'55"	19° 7'	25°49'	19°17'	19°26'	26° 1'	17°23'	26°28'	14°52'	3°12'	18°51'	20°13'	12°45'	20°26'	T 4
F 5	22 55 25	12° 8'07"	2 <sup>h</sup> Y16'	26° 0'	20°32'	19°47'	26°13'	17°31'	26°32'	14°53'	3°11'	18°48'	20°10'	12°51'	20°31'	F 5
S 6	22 59 22	13° 6'22"	15° 5'	26°20'	21°46'	20° 8'	26°24'	17°38'	26°36'	14°55'	3°10'	18°D47'	20° 7'	12°58'	20°35'	S 6
S 7	23 3 18	14° 4'39"	27°36'	26°48'	23° 1'	20°28'	26°35'	17°45'	26°39'	14°56'	3° 8'	18°47'	20° 4'	13° 5'	20°40'	S 7
M 8	23 7 15	15° 2'57"	9 <sup>h</sup> 51'	27°25'	24°15'	20°47'	26°46'	17°52'	26°43'	14°57'	3° 7'	18°48'	20° 0'	13°11'	20°45'	M 8
T 9	23 11 11	16° 1'18"	21°54'	28°11'	25°30'	21° 6'	26°57'	17°59'	26°47'	14°59'	3° 6'	18°50'	19°57'	13°18'	20°50'	T 9
W10	23 15 8	16°59'41"	3 <sup>h</sup> II48'	29° 4'	26°44'	21°24'	27° 8'	18° 6'	26°51'	15° 0'	3° 5'	18°52'	19°54'	13°25'	20°54'	W10
T 11	23 19 4	17°58'06"	15°40'	0 <sup>h</sup> Y 5'	27°58'	21°41'	27°18'	18°13'	26°54'	15° 1'	3° 4'	18°R52'	19°51'	13°32'	20°59'	T 11
F 12	23 23 1	18°56'33"	27°33'	1°13'	29°13'	21°58'	27°29'	18°20'	26°58'	15° 3'	3° 2'	18°52'	19°48'	13°38'	21° 4'	F 12
S 13	23 26 57	19°55'02"	9 <sup>h</sup> 53'	2°28'	0 <sup>h</sup> 22'	22°14'	27°39'	18°27'	27° 2'	15° 4'	3° 1'	18°50'	19°44'	13°45'	21°10'	S 13
S 14	23 30 54	20°53'34"	21°43'	3°48'	1°42'	22°30'	27°50'	18°34'	27° 6'	15° 6'	3° 0'	18°48'	19°41'	13°52'	21°15'	S 14
M15	23 34 51	21°52'07"	4 <sup>h</sup> 01'	5°13'	2°56'	22°45'	28° 0'	18°41'	27° 9'	15° 7'	2°59'	18°44'	19°38'	13°58'	21°20'	M15
T 16	23 38 47	22°50'43"	16°50'	6°44'	4°11'	22°59'	28°10'	18°48'	27°13'	15° 9'	2°57'	18°40'	19°35'	14° 5'	21°25'	T 16
W17	23 42 44	23°49'21"	29°52'	8°18'	5°25'	23°12'	28°21'	18°55'	27°17'	15°10'	2°56'	18°36'	19°32'	14°12'	21°31'	W17
T 18	23 46 40	24°48'00"	13 <sup>h</sup> Y13'	9°55'	6°40'	23°25'	28°31'	19° 2'	27°21'	15°12'	2°55'	18°32'	19°29'	14°18'	21°36'	T 18
F 19	23 50 37	25°46'42"	26°52'	11°36'	7°55'	23°37'	28°41'	19° 8'	27°25'	15°13'	2°54'	18°30'	19°25'	14°25'	21°42'	F 19
S 20	23 54 33	26°45'26"	10 <sup>h</sup> 24'	13°19'	9° 9'	23°48'	28°50'	19°15'	27°28'	15°15'	2°53'	18°29'	19°22'	14°32'	21°47'	S 20
S 21	23 58 30	27°44'11"	24°53'	15° 4'	10°24'	23°59'	29° 0'	19°22'	27°32'	15°17'	2°52'	18°D29'	19°19'	14°39'	21°53'	S 21
M22	0 2 26	28°42'59"	9 <sup>h</sup> Y 7'	16°50'	11°38'	24° 8'	29°10'	19°28'	27°36'	15°18'	2°51'	18°29'	19°16'	14°45'	21°59'	M22
T 23	0 6 23	29°41'48"	23°26'	18°37'	12°53'	24°17'	29°19'	19°35'	27°40'	15°20'	2°49'	18°31'	19°13'	14°52'	22° 5'	T 23
W24	0 10 20	0 <sup>h</sup> 24'39"	7 <sup>h</sup> 45'	20°26'	14° 7'	24°26'	29°29'	19°41'	27°43'	15°22'	2°48'	18°32'	19°10'	14°59'	22°11'	W24
T 25	0 14 16	1°39'32"	22° 1'	22°15'	15°22'	24°33'	29°38'	19°48'	27°47'	15°23'	2°47'	18°33'	19° 6'	15° 5'	22°17'	T 25
F 26	0 18 13	2°38'27"	6 <sup>h</sup> 31'	24° 4'	16°36'	24°39'	29°47'	19°54'	27°51'	15°25'	2°46'	18°R33'	19° 3'	15°12'	22°23'	F 26
S 27	0 22 9	3°37'23"	20°16'	25°53'	17°51'	24°45'	29°56'	20° 0'	27°55'	15°27'	2°45'	18°32'	19° 0'	15°19'	22°29'	S 27
S 28	0 26 6	4°36'21"	4 <sup>h</sup> 31'	27°42'	19° 5'	24°50'	0 <sup>h</sup> 01'	20° 7'	27°59'	15°29'	2°44'	18°31'	18°57'	15°25'	22°35'	S 28
M29	0 30 2	5°35'21"	17°55'	29°31'	20°20'	24°54'	0°14'	20°13'	28° 2'	15°31'	2°43'	18°30'	18°54'	15°32'	22°41'	M29
T 30	0 33 59	6 <sup>h</sup> 34'22"	1 <sup>h</sup> 28'	1 <sup>h</sup> 19'	21 <sup>h</sup> 34'	24 <sup>h</sup> 57'	0 <sup>h</sup> 23'	20 <sup>h</sup> 19'	28 <sup>h</sup> Y 6'	15 <sup>h</sup> 32'	2 <sup>h</sup> 42'	18 <sup>h</sup> Y28'	18 <sup>h</sup> Y50'	15 <sup>h</sup> II39'	22 <sup>h</sup> Y47'	T 30

Day	☉	☾	♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	8n29	23s 2	4s53	10n40	2s17	6n59	1n24	14n52	2s32	21n16	0n12	16n35	0n53	2n 8	0n43	14s37	1n45	22s11	12s47	7n30	7n58	26n20	14s42	3n14			
T 2	8 7	18 20	4 20	11 3	1 58	6 30	1 24	14 59	2 32	21 14	0 12	16 33	0 53	2 6	0 43	14 38	1 45	22 12	12 47	7 28	7 57	26 22	14 43	3 14			
W 3	7 45	12 45	3 33	11 23	1 39	6 1	1 23	15 6	2 31	21 12	0 12	16 31	0 53	2 5	0 43	14 38	1 45	22 12	12 47	7 25	7 56	26 23	14 44	3 14			
T 4	7 23	6 41	2 34	11 40	1 20	5 31	1 23	15 12	2 30	21 10	0 12	16 29	0 53	2 3	0 43	14 39	1 45	22 13	12 47	7 24	7 55	26 24	14 45	3 14			
F 5	7 1	0 27	1 29	11 54	1 2	5 1	1 22	15 18	2 30	21 8	0 12	16 27	0 53	2 2	0 43	14 39	1 45	22 13	12 47	7 22	7 53	26 26	14 47	3 14			
S 6	6 39	5n38	0 20	12 4	0 44	4 31	1 22	15 24	2 29	21 6	0 12	16 25	0 53	2 0	0 43	14 39	1 45	22 14	12 47	7 22	7 52	26 27	14 48	3 14			
S 7	6 16	11 23	0n48	12 11	0 26	4 1	1 21	15 30	2 28	21 4	0 12	16 23	0 53	1 59	0 43	14 40	1 45	22 14	12 47	7 22	7 51	26 29	14 49	3 14			
M 8	5 54	16 34	1 53	12 14	0 10	3 31	1 20	15 36	2 27	21 2	0 12	16 21	0 53	1 57	0 43	14 40	1 45	22 14	12 47	7 23	7 50	26 30	14 50	3 14			
T 9	5 31	21 1	2 51	12 13	0n 6	3 0	1 19	15 42	2 27	21 0	0 13	16 18	0 54	1 56	0 43	14 41	1 45	22 15	12 47	7 23	7 49	26 31	14 52	3 14			
W10	5 9	24 34	3 42	12 8	0 21	2 30	1 18	15 47	2 26	20 58	0 13	16 16	0 54	1 55	0 43	14 41	1 45	22 15	12 47	7 24	7 47	26 33	14 53	3 14			
T 11	4 46	27 2	4 22	12 0	0 35	1 59	1 17	15 53	2 25	20 56	0 13	16 14	0 54	1 53	0 43	14 42	1 45	22 16	12 47	7 24	7 46	26 34	14 54	3 14			
F 12	4 23	28 19	4 52	11 47	0 47	1 29	1 16	15 58	2 24	20 54	0 13	16 12	0 54	1 52	0 43	14 42	1 45	22 16	12 47	7 24	7 45	26 35	14 56	3 14			
S 13	4 0	28 16	5 9	11 31	0 59	0 58	1 15	16 3	2 23	20 52	0 13	16 10	0 54	1 50	0 43	14 43	1 45	22 17	12 47	7 23	7 44	26 37	14 57	3 14			
S 14	3 37	26 51	5 13	11 12	1 9	0 27	1 14	16 8	2 22	20 50	0 13	16 8	0 54	1 48	0 43	14 43	1 45	22 17	12 47	7 22	7 43	26 38	14 59	3 14			
M15	3 14	24 8	5 2	10 49	1 18	0s 3	1 13	16 12	2 21	20 48	0 13	16 6	0 54	1 47	0 43	14 43	1 44	22 17	12 46	7 21	7 41	26 39	15 0	3 14			
T 16	2 51	20 12	4 36	10 23	1 26	0 34	1 12	16 17	2 20	20 46	0 13	16 4	0 54	1 45	0 43	14 44	1 44	22 18	12 46	7 19	7 40	26 41	15 1	3 14			
W17	2 27	15 13	3 56	9 54	1 33	1 5	1 10	16 21	2 19	20 44	0 14	16 2	0 55	1 44	0 43	14 44	1 44	22 18	12 46	7 18	7 39	26 42	15 3	3 14			
T 18	2 4	9 24	3 2	9 22	1 38	1 36	1 9	16 26	2 18	20 42	0 14	16 0	0 55	1 42	0 43	14 45	1 44	22 18	12 46	7 16	7 38	26 43	15 4	3 14			
F 19	1 41	3 1	1 56	8 48	1 43	2 7	1 7	16 30	2 16	20 41	0 14	15 58	0 55	1 41	0 43	14 45	1 44	22 19	12 46	7 16	7 37	26 45	15 6	3 13			
S 20	1 17	3s37	0 42	8 12	1 46	2 37	1 6	16 34	2 15	20 39	0 14	15 56	0 55	1 39	0 43	14 46	1 44	22 19	12 46	7 15	7 35	26 46	15 7	3 13			
S 21	0 54	10 12	0s35	7 34	1 49	3 8	1 4	16 38	2 14	20 37	0 14	15 54	0 55	1 38	0 43	14 47	1 44	22 20	12 46	7 15	7 34	26 47	15 9	3 13			
M22	0 31	16 19	1 51	6 54	1 51	3 39	1 3	16 41	2 13	20 35	0 14	15 52	0 55	1 36	0 43	14 47	1 44	22 20	12 46	7 15	7 33	26 49	15 10	3 13			
T 23	0 7	21 34	3 1	6 13	1 52	4 9	1 1	16 45	2 11	20 33	0 14	15 50	0 55	1 35	0 43	14 48	1 44	22 20	12 46	7 16	7 32	26 50	15 12	3 13			
W24	0s16	25 34	3 59	5 31	1 52	4 40	0 59	16 48	2 10	20 31	0 15	15 48	0 56	1 33	0 43	14 48	1 44	22 21	12 46	7 16	7 31	26 51	15 13	3 13			
T 25	0 40	27 56	4 43	4 47	1 51	5 10	0 58	16 51	2 8	20 29	0 15	15 47	0 56	1 32	0 43	14 49	1 44	22 21	12 46	7 17	7 29	26 52	15 15	3 13			
F 26	1 3	28 28	5 9	4 3	1 50	5 41	0 56	16 54	2 7	20 28	0 15	15 45	0 56	1 30	0 43	14 49	1 44	22 21	12 45	7 17	7 28	26 54	15 16	3 13			
S 27	1 27	27 8	5 16	3 17	1 48	6 11	0 54	16 57	2 5	20 26	0 15	15 43	0 56	1 29	0 43	14 50	1 44	22 21	12 45	7 16	7 27	26 55	15 18	3 13			
S 28	1 50	24 9	5 4	2 32	1 46	6 41	0 52	17 0	2 4	20 24	0 15	15 41	0 56	1 27	0 43	14 50	1 44	22 22	12 45	7 16	7 26	26 56	15 19	3 13			
M29	2 13	19 50	4 35	1 46	1 43	7 11	0 50	17 3	2 2	20 22	0 15	15 39	0 56	1 26	0 43	14 51	1 44	22 22	12 45	7 15	7 25	26 57	15 21	3 13			
T 30	2s37	14s34	3s51	0n59	1n39	7s41	0n48	17n 5	2s 0	20n21	0n15	15n37	0n56	1n24	0n43	14s51	1n44	22s22	12s45	7n15	7n23	26n59	15s22	3n13			

# ASTRODIENST EPHEMERIS for the year 1800

## geocentric

OCTOBER 1800

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 37 55	7♂33'26	14♂47	3♂ 7	22♂49	25♂ 0	0♂32	20♂25	28♂10	15♂34	2°R41	18°R26	18°Y47	15♂45	22♂53	W 1
T 2	0 41 52	8°32'31	27°52	4°54	24° 3	25° 1	0°40	20°31	28°14	15°36	2°K40	18°Y25	18°44	15°52	23° 0	T 2
F 3	0 45 49	9°31'38	10°Y42	6°41	25°18	25°R 2	0°48	20°37	28°17	15°38	2°39	18°25	18°41	15°59	23° 6	F 3
S 4	0 49 45	10°30'47	23°18	8°27	26°32	25° 2	0°57	20°43	28°21	15°40	2°38	18°D25	18°38	16° 6	23°13	S 4
S 5	0 53 42	11°29'59	5♂40	10°13	27°47	25° 0	1° 5	20°49	28°25	15°42	2°37	18°25	18°35	16°12	23°19	S 5
M 6	0 57 38	12°29'12	17°50	11°57	29° 1	24°58	1°13	20°54	28°29	15°44	2°36	18°26	18°31	16°19	23°26	M 6
T 7	1 1 35	13°28'28	29°51	13°41	0♂16	24°56	1°21	21° 0	28°32	15°46	2°35	18°26	18°28	16°26	23°32	T 7
W 8	1 5 31	14°27'46	11♂44	15°24	1°30	24°52	1°28	21° 6	28°36	15°48	2°34	18°27	18°25	16°32	23°39	W 8
T 9	1 9 28	15°27'07	23°36	17° 7	2°45	24°47	1°36	21°11	28°40	15°50	2°33	18°27	18°22	16°39	23°46	T 9
F 10	1 13 24	16°26'30	5♂28	18°49	3°59	24°41	1°43	21°17	28°43	15°52	2°33	18°27	18°19	16°46	23°53	F 10
S 11	1 17 21	17°25'55	17°26	20°30	5°14	24°35	1°51	21°22	28°47	15°54	2°32	18°R27	18°16	16°53	23°59	S 11
S 12	1 21 18	18°25'22	29°35	22°10	6°29	24°27	1°58	21°28	28°51	15°56	2°31	18°D27	18°12	16°59	24° 6	S 12
M13	1 25 14	19°24'52	11♂59	23°50	7°43	24°19	2° 5	21°33	28°54	15°58	2°30	18°27	18° 9	17° 6	24°13	M13
T14	1 29 11	20°24'24	24°42	25°29	8°58	24°10	2°12	21°38	28°58	16° 0	2°29	18°28	18° 6	17°13	24°20	T14
W15	1 33 7	21°23'58	7♂47	27° 7	10°12	24° 0	2°18	21°43	29° 1	16° 2	2°29	18°28	18° 3	17°19	24°27	W15
T16	1 37 4	22°23'34	21°15	28°45	11°27	23°49	2°25	21°48	29° 5	16° 4	2°28	18°28	18° 0	17°26	24°34	T16
F17	1 41 0	23°23'12	5♂ 8	0♂22	12°41	23°37	2°31	21°53	29° 8	16° 6	2°27	18°28	17°56	17°33	24°41	F17
S18	1 44 57	24°22'53	19°22	1°58	13°56	23°25	2°37	21°58	29°12	16° 8	2°26	18°R29	17°53	17°39	24°48	S18
S19	1 48 53	25°22'36	3♂53	3°34	15°10	23°11	2°44	22° 3	29°15	16°10	2°26	18°28	17°50	17°46	24°55	S19
M20	1 52 50	26°22'20	18°35	5° 9	16°25	22°57	2°50	22° 8	29°19	16°12	2°25	18°28	17°47	17°53	25° 2	M20
T21	1 56 47	27°22'07	3♂22	6°44	17°39	22°42	2°55	22°12	29°22	16°15	2°24	18°27	17°44	18° 0	25°10	T21
W22	2 0 43	28°21'56	18° 5	8°18	18°54	22°26	3° 1	22°17	29°26	16°17	2°24	18°26	17°41	18° 6	25°17	W22
T23	2 4 40	29°21'46	2♂40	9°51	20° 8	22°10	3° 6	22°21	29°29	16°19	2°23	18°25	17°37	18°13	25°24	T23
F24	2 8 36	0♂21'38	17° 0	11°24	21°23	21°53	3°12	22°26	29°33	16°21	2°23	18°24	17°34	18°20	25°31	F24
S25	2 12 33	1°21'31	1♂ 4	12°57	22°37	21°36	3°17	22°30	29°36	16°23	2°22	18°D23	17°31	18°26	25°39	S25
S26	2 16 29	2°21'26	14°49	14°29	23°52	21°17	3°22	22°34	29°39	16°26	2°22	18°24	17°28	18°33	25°46	S26
M27	2 20 26	3°21'23	28°17	16° 0	25° 6	20°59	3°27	22°38	29°43	16°28	2°21	18°25	17°25	18°40	25°54	M27
T28	2 24 22	4°21'21	11♂28	17°31	26°21	20°39	3°31	22°42	29°46	16°30	2°21	18°26	17°21	18°46	26° 1	T28
W29	2 28 19	5°21'21	24°24	19° 2	27°35	20°20	3°36	22°46	29°49	16°32	2°20	18°27	17°18	18°53	26° 8	W29
T30	2 32 16	6°21'23	7°Y 7	20°32	28°49	20° 0	3°40	22°50	29°53	16°34	2°20	18°28	17°15	19° 0	26°16	T30
F31	2 36 12	7♂21'26	19°Y37	22♂ 1	0♂ 4	19♂39	3♂44	22♂54	29♂56	16♂37	2°K19	18°R29	17°Y12	19♂ 7	26♂23	F31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	3s 0	8s42	2s56	0n13	1n35	8s10	0n46	17n 7	1s58	20n19	0n16	15n36	0n57	1n23	0n43	14s52
T 2	3 23	2 33	1 51	0s34	1 31	8 40	0 44	17 9	1 57	20 17	0 16	15 34	0 57	1 21	0 43	14 53
F 3	3 47	3n35	0 43	1 20	1 26	9 9	0 42	17 11	1 55	20 16	0 16	15 32	0 57	1 20	0 43	14 53
S 4	4 10	9 29	0n27	2 7	1 21	9 38	0 40	17 13	1 53	20 14	0 16	15 30	0 57	1 18	0 43	14 54
S 5	4 33	14 54	1 34	2 53	1 16	10 7	0 37	17 15	1 51	20 12	0 16	15 29	0 57	1 17	0 43	14 54
M 6	4 56	19 40	2 36	3 39	1 11	10 36	0 35	17 16	1 49	20 11	0 16	15 27	0 57	1 16	0 43	14 55
T 7	5 19	23 34	3 30	4 25	1 5	11 4	0 33	17 18	1 47	20 9	0 16	15 25	0 57	1 14	0 43	14 55
W 8	5 42	26 25	4 15	5 10	0 59	11 32	0 31	17 19	1 44	20 7	0 17	15 24	0 58	1 13	0 43	14 56
T 9	6 5	28 6	4 48	5 55	0 53	12 0	0 28	17 20	1 42	20 6	0 17	15 22	0 58	1 11	0 43	14 57
F 10	6 28	28 30	5 9	6 40	0 47	12 28	0 26	17 21	1 40	20 4	0 17	15 20	0 58	1 10	0 43	14 57
S 11	6 51	27 34	5 17	7 24	0 40	12 55	0 23	17 22	1 38	20 3	0 17	15 19	0 58	1 8	0 43	14 58
S 12	7 14	25 20	5 11	8 7	0 34	13 22	0 21	17 22	1 35	20 2	0 17	15 17	0 58	1 7	0 43	14 58
M13	7 36	21 52	4 51	8 50	0 27	13 48	0 19	17 22	1 33	20 0	0 17	15 16	0 58	1 5	0 43	14 59
T14	7 59	17 19	4 16	9 33	0 21	14 15	0 16	17 23	1 30	19 59	0 17	15 14	0 59	1 4	0 43	15 0
W15	8 21	11 52	3 27	10 15	0 14	14 41	0 14	17 23	1 28	19 57	0 18	15 13	0 59	1 3	0 43	15 0
T16	8 44	5 42	2 25	10 56	0 7	15 6	0 11	17 23	1 25	19 56	0 18	15 11	0 59	1 1	0 43	15 1
F17	9 6	0s55	1 13	11 37	0 0	15 32	0 9	17 22	1 22	19 55	0 18	15 10	0 59	1 0	0 43	15 2
S18	9 28	7 40	0s 5	12 16	0s 7	15 57	0 6	17 22	1 20	19 53	0 18	15 8	0 59	0 58	0 43	15 2
S19	9 50	14 9	1 24	12 56	0 13	16 21	0 3	17 21	1 17	19 52	0 18	15 7	0 59	0 57	0 43	15 3
M20	10 11	19 56	2 39	13 34	0 20	16 45	0 1	17 20	1 14	19 51	0 18	15 5	1 0	0 56	0 43	15 3
T21	10 33	24 31	3 44	14 12	0 27	17 9	0s 2	17 19	1 11	19 50	0 19	15 4	1 0	0 54	0 43	15 4
W22	10 54	27 28	4 33	14 49	0 34	17 32	0 4	17 18	1 8	19 49	0 19	15 3	1 0	0 53	0 43	15 5
T23	11 16	28 31	5 5	15 26	0 40	17 55	0 7	17 17	1 5	19 48	0 19	15 2	1 0	0 52	0 43	15 5
F24	11 37	27 37	5 16	16 1	0 47	18 17	0 10	17 16	1 2	19 47	0 19	15 0	1 0	0 50	0 43	15 6
S25	11 58	24 58	5 9	16 36	0 54	18 39	0 12	17 14	0 59	19 46	0 19	14 59	1 1	0 49	0 43	15 7
S26	12 18	20 55	4 44	17 10	1 0	19 0	0 15	17 12	0 56	19 45	0 19	14 58	1 1	0 48	0 43	15 7
M27	12 39	15 53	4 3	17 43	1 7	19 21	0 18	17 11	0 53	19 44	0 20	14 57	1 1	0 46	0 43	15 8
T28	12 59	10 12	3 10	18 15	1 13	19 41	0 20	17 9	0 49	19 43	0 20	14 56	1 1	0 45	0 43	15 9
W29	13 19	4 12	2 9	18 46	1 19	20 1	0 23	17 7	0 46	19 42	0 20	14 54	1 1	0 44	0 43	15 9
T30	13 39	1n52	1 2	19 16	1 25	20 20	0 26	17 4	0 43	19 41	0 20	14 53	1 2	0 42	0 43	15 10
F31	13s59	7n47	0n 6	19s46	1s31	20s39	0s28	17n 2	0s40	19n40	0n20	14n52	1n 2	0n41	0n43	15s10

Julian Day Number = 2378769.5, Delta T = 18.27 sec  
 Ecliptic obliquity = 23°28'04, Nutation = - 0°00'06, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 21°57'30, Lahiri = 21°04'30

ASTRODIENST EPHEMERIS for the year 1800  
geocentric

NOVEMBER 1800

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	2 40 9	8♑21'31	1♊57	23♑30	1♋18	19°R19	3♌48	22♌58	29♍59	16♑39	2°R19	18°R28	17°Y 9	19♑13	26♑31	S 1
S 2	2 44 5	9°21'38	14° 8	24°59	2°33	18♊57	3°52	23° 1	0♋2	16°41	2♋18	18°Y26	17° 6	19°20	26°38	S 2
M 3	2 48 2	10°21'47	26°10	26°27	3°47	18°36	3°55	23° 5	0° 5	16°43	2°18	18°24	17° 2	19°27	26°46	M 3
T 4	2 51 58	11°21'58	8♑11	7	27°54	5° 2	18°15	3°59	23° 8	0° 8	16°46	2°18	18°20	16°59	19°33	T 4
W 5	2 55 55	12°22'11	20° 0	29°21	6°16	17°53	4° 2	23°11	0°11	16°48	2°18	18°16	16°56	19°40	27° 1	W 5
T 6	2 59 51	13°22'26	1♋50	0♋47	7°30	17°31	4° 5	23°15	0°14	16°50	2°17	18°11	16°53	19°47	27° 9	T 6
F 7	3 3 48	14°22'42	13°42	2°13	8°45	17°10	4° 8	23°18	0°17	16°52	2°17	18° 8	16°50	19°54	27°16	F 7
S 8	3 7 45	15°23'01	25°39	3°38	9°59	16°48	4°10	23°21	0°20	16°55	2°17	18° 5	16°47	20° 0	27°24	S 8
S 9	3 11 41	16°23'21	7♌45	5° 2	11°14	16°26	4°13	23°24	0°23	16°57	2°17	18° 3	16°43	20° 7	27°32	S 9
M10	3 15 38	17°23'44	20° 4	6°26	12°28	16° 5	4°15	23°26	0°26	16°59	2°16	18°D 3	16°40	20°14	27°39	M10
T 11	3 19 34	18°24'08	2♍41	7°48	13°42	15°44	4°17	23°29	0°29	17° 1	2°16	18° 4	16°37	20°20	27°47	T 11
W12	3 23 31	19°24'34	15°41	9°10	14°57	15°23	4°19	23°32	0°32	17° 4	2°16	18° 5	16°34	20°27	27°55	W12
T 13	3 27 27	20°25'03	29° 6	10°31	16°11	15° 2	4°21	23°34	0°35	17° 6	2°16	18° 7	16°31	20°34	28° 2	T 13
F 14	3 31 24	21°25'33	12♊58	11°50	17°25	14°41	4°22	23°37	0°37	17° 8	2°16	18°R 8	16°27	20°41	28°10	F 14
S 15	3 35 20	22°26'04	27°18	13° 8	18°40	14°21	4°24	23°39	0°40	17°10	2°16	18° 7	16°24	20°47	28°18	S 15
S 16	3 39 17	23°26'38	12♑2	14°25	19°54	14° 1	4°25	23°41	0°43	17°13	2°D16	18° 6	16°21	20°54	28°26	S 16
M17	3 43 14	24°27'13	27° 3	15°39	21° 8	13°42	4°26	23°43	0°45	17°15	2°16	18° 2	16°18	21° 1	28°33	M17
T 18	3 47 10	25°27'50	12♊13	16°52	22°23	13°23	4°26	23°45	0°48	17°17	2°16	17°57	16°15	21° 7	28°41	T 18
W19	3 51 7	26°28'28	27°22	18° 3	23°37	13° 5	4°27	23°47	0°50	17°19	2°16	17°51	16°12	21°14	28°49	W19
T 20	3 55 3	27°29'08	12♋19	19°11	24°51	12°47	4°27	23°49	0°53	17°21	2°16	17°45	16° 8	21°21	28°56	T 20
F 21	3 59 0	28°29'48	26°58	20°17	26° 6	12°30	4°R27	23°50	0°55	17°24	2°16	17°40	16° 5	21°27	29° 4	F 21
S 22	4 2 56	29°30'30	11♊13	21°19	27°20	12°14	4°27	23°52	0°58	17°26	2°16	17°37	16° 2	21°34	29°12	S 22
S 23	4 6 53	0♋31'13	25° 2	22°17	28°34	11°58	4°27	23°53	1° 0	17°28	2°17	17°D35	15°59	21°41	29°20	S 23
M24	4 10 49	1°31'57	8♋26	23°11	29°48	11°43	4°26	23°55	1° 3	17°30	2°17	17°35	15°56	21°48	29°27	M24
T 25	4 14 46	2°32'41	21°27	24° 1	1♋3	11°29	4°26	23°56	1° 5	17°33	2°17	17°36	15°53	21°54	29°35	T 25
W26	4 18 43	3°33'27	4°Y 9	24°45	2°17	11°15	4°25	23°57	1° 7	17°35	2°17	17°38	15°49	22° 1	29°43	W26
T 27	4 22 39	4°34'14	16°36	25°23	3°31	11° 2	4°24	23°58	1° 9	17°37	2°18	17°R38	15°46	22° 8	29°51	T 27
F 28	4 26 36	5°35'02	28°51	25°54	4°45	10°50	4°23	23°59	1°11	17°39	2°18	17°38	15°43	22°14	29°58	F 28
S 29	4 30 32	6°35'50	10♊58	26°18	5°59	10°39	4°21	23°59	1°14	17°41	2°18	17°35	15°40	22°21	0♋6	S 29
S 30	4 34 29	7♊36'40	22♊58	26♊33	7♋14	10♊29	4♌19	24♌0	1♊16	17♑43	2♋19	17°Y29	15°Y37	22♑28	0♋14	S 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s18	13n19	1n14	20s14	1s37	20s57	0s31	17n 0	0s36	19n39	0n21	14n51	1n 2	0n40	0n43	15s11	1n43	22s25	12s39	7n15	6n45	27n34	16s14	3n15
S 2	14 38	18 16	2 17	20 41	1 42	21 14	0 33	16 57	0 33	19 39	0 21	14 50	1 2	0 39	0 43	15 12	1 43	22 25	12 38	7 14	6 43	27 35	16 16	3 15
M 3	14 57	22 26	3 13	21 8	1 48	21 31	0 36	16 54	0 30	19 38	0 21	14 49	1 2	0 37	0 43	15 12	1 43	22 25	12 38	7 13	6 42	27 36	16 17	3 15
T 4	15 16	25 38	4 0	21 33	1 53	21 48	0 39	16 52	0 26	19 37	0 21	14 48	1 2	0 36	0 43	15 13	1 43	22 25	12 38	7 12	6 41	27 37	16 19	3 16
W 5	15 34	27 41	4 36	21 57	1 58	22 3	0 41	16 49	0 23	19 37	0 21	14 47	1 3	0 35	0 43	15 14	1 43	22 24	12 38	7 10	6 40	27 38	16 20	3 16
T 6	15 52	28 28	5 1	22 20	2 3	22 18	0 44	16 46	0 20	19 36	0 21	14 47	1 3	0 34	0 43	15 14	1 43	22 24	12 37	7 8	6 38	27 39	16 22	3 16
F 7	16 10	27 56	5 12	22 42	2 7	22 33	0 46	16 43	0 16	19 36	0 22	14 46	1 3	0 33	0 43	15 15	1 43	22 24	12 37	7 7	6 37	27 39	16 23	3 16
S 8	16 28	26 7	5 11	23 3	2 11	22 47	0 49	16 40	0 13	19 35	0 22	14 45	1 3	0 31	0 43	15 16	1 43	22 24	12 37	7 6	6 36	27 40	16 25	3 16
S 9	16 45	23 6	4 55	23 23	2 15	23 0	0 51	16 37	0 10	19 35	0 22	14 44	1 3	0 30	0 43	15 16	1 43	22 24	12 36	7 5	6 35	27 41	16 27	3 16
M10	17 3	19 1	4 26	23 41	2 19	23 12	0 54	16 34	0 6	19 35	0 22	14 43	1 4	0 29	0 43	15 17	1 43	22 24	12 36	7 5	6 34	27 42	16 28	3 17
T 11	17 20	14 0	3 43	23 59	2 22	23 24	0 56	16 31	0 3	19 34	0 22	14 43	1 4	0 28	0 43	15 17	1 43	22 23	12 36	7 5	6 32	27 43	16 30	3 17
W12	17 36	8 14	2 48	24 15	2 25	23 35	0 59	16 28	0n 0	19 34	0 23	14 42	1 4	0 27	0 43	15 18	1 43	22 23	12 36	7 6	6 31	27 44	16 31	3 17
T 13	17 52	1 55	1 42	24 29	2 28	23 46	1 1	16 25	0 4	19 34	0 23	14 41	1 4	0 26	0 43	15 19	1 43	22 23	12 35	7 7	6 30	27 45	16 33	3 17
F 14	18 8	4s42	0 28	24 43	2 30	23 56	1 3	16 22	0 7	19 34	0 23	14 41	1 4	0 25	0 43	15 19	1 43	22 23	12 35	7 7	6 29	27 46	16 34	3 17
S 15	18 24	11 18	0s50	24 55	2 32	24 5	1 6	16 19	0 10	19 33	0 23	14 40	1 5	0 24	0 43	15 20	1 43	22 23	12 35	7 7	6 27	27 47	16 36	3 17
S 16	18 39	17 28	2 7	25 5	2 33	24 13	1 8	16 16	0 13	19 33	0 23	14 40	1 5	0 23	0 43	15 21	1 43	22 22	12 35	7 6	6 26	27 48	16 37	3 18
M17	18 54	22 42	3 16	25 15	2 34	24 20	1 10	16 14	0 16	19 33	0 23	14 39	1 5	0 22	0 43	15 21	1 43	22 22	12 34	7 5	6 25	27 48	16 39	3 18
T 18	19 9	26 27	4 12	25 22	2 34	24 27	1 13	16 11	0 19	19 33	0 24	14 39	1 5	0 21	0 43	15 22	1 43	22 22	12 34	7 3	6 24	27 49	16 40	3 18
W19	19 23	28 17	4 50	25 29	2 33	24 33	1 15	16 8	0 22	19 33	0 24	14 38	1 5	0 20	0 43	15 22	1 43	22 22	12 34	7 1	6 23	27 50	16 42	3 18
T 20	19 37	28 1	5 8	25 33	2 32	24 39	1 17	16 6	0 25	19 34	0 24	14 38	1 6	0 19	0 43	15 23	1 43	22 21	12 34	6 58	6 21	27 51	16 43	3 18
F 21	19 51	25 47	5 6	25 37	2 30	24 44	1 19	16 3	0 28	19 34	0 24	14 38	1 6	0 18	0 44	15 24	1 43	22 21	12 33	6 56	6 20	27 52	16 45	3 19
S 22	20 4	21 59	4 44	25 38	2 28	24 47	1 21	16 1	0 31	19 34	0 24	14 37	1 6	0 17	0 44	15 24	1 43	22 21	12 33	6 55	6 19	27 52	16 46	3 19
S 23	20 17	17 4	4 6	25 39	2 24	24 51	1 23	15 59	0 34	19 34	0 25	14 37	1 6	0 16	0 44	15 25	1 43	22 20	12 33	6 55	6 18	27 53	16 47	3 19
M24	20 30	11 27	3 16	25 37	2 20	24 53	1 25	15 57	0 37	19 34	0 25	14 37	1 7	0 15	0 44	15 26	1 43	22 20	12 32	6 55	6 16	27 54	16 49	3 19
T 25	20 42	5 29	2 17	25 34	2 14	24 55	1 27	15 55	0 39	19 35	0 25	14 37	1 7	0 14	0 44	15 26	1 43	22 20	12 32	6 55	6 15	27 55	16 50	3 19
W26	20 53	0n33	1 12	25 30	2 8	24 56	1 29	15 53	0 42	19 35	0 25	14 36	1 7	0 13	0 44	15 27	1 43	22 19	12 32	6 56	6 14	27 56	16 52	3 20
T 27	21 5	6 27	0 6	25 23	2 0	24 56	1 31	15 52	0 44	19 36	0 25	14 36	1 7	0 13	0 44	15 27	1 43	22 19	12 32	6 56	6 13	27 56	16 53	3 20
F 28	21 16	12 1	1n 0	25 16	1 51	24 55	1 32	15 50	0 47	19 36	0 26	14 36	1 7	0 12	0 44	15 28	1 43	22 19	12 31	6 56	6 12	27 57	16 54	3 20
S 29	21 26	17 4	2 2	25 6	1 41	24 54	1 34	15 49	0 49	19 37	0 26	14 36	1 8	0 11	0 44	15 28	1 43	22 18	12 31	6 54	6 10	27 58	16 56	3 20
S 30	21s36	21n24	2n58	24s55	1s30	24s52	1s36	15n48	0n52	19n37	0n26	14n36	1n 8	0n10	0n44	15s29	1n43	22s18	12s31	6n52	6n 9	27n59	16s57	3n21

# ASTRODIENST EPHEMERIS for the year 1800

## geocentric

DECEMBER 1800

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 38 25	8♂37'31	4♂53	26°R38	8♂28	10°R19	4°R18	24♂1	1♂18	17♂46	2♂19	17°R22	15°Y33	22♂35	0♂21	M 1	
T 2	4 42 22	9°38'24	16°46	26♂34	9°42	10♂10	4♂16	24°1	1°20	17°48	2°19	17°Y12	15°30	22°41	0°29	T 2	
W 3	4 46 18	10°39'17	28°38	26°19	10°56	10°2	4°13	24°1	1°21	17°50	2°20	17°1	15°27	22°48	0°37	W 3	
T 4	4 50 15	11°40'11	10♂30	25°52	12°10	9°55	4°11	24°1	1°23	17°52	2°20	16°50	15°24	22°55	0°44	T 4	
F 5	4 54 12	12°41'07	22°25	25°14	13°24	9°48	4°8	24°R1	1°25	17°54	2°21	16°40	15°21	23°1	0°52	F 5	
S 6	4 58 8	13°42'04	4♂23	24°26	14°38	9°43	4°5	24°1	1°27	17°56	2°21	16°31	15°18	23°8	0°59	S 6	
S 7	5 2 5	14°43'01	16°29	23°26	15°52	9°38	4°2	24°1	1°29	17°58	2°22	16°25	15°14	23°15	1°7	S 7	
M 8	5 6 1	15°44'00	28°46	22°18	17°6	9°34	3°59	24°1	1°30	18°0	2°22	16°21	15°11	23°22	1°15	M 8	
T 9	5 9 58	16°45'00	11♂18	21°3	18°20	9°31	3°56	24°1	1°32	18°2	2°23	16°19	15°8	23°28	1°22	T 9	
W10	5 13 54	17°46'01	24°10	19°42	19°34	9°29	3°52	24°0	1°33	18°4	2°23	16°D19	15°5	23°35	1°30	W10	
T 11	5 17 51	18°47'03	7♂25	18°19	20°48	9°27	3°48	24°0	1°35	18°6	2°24	16°20	15°2	23°42	1°37	T 11	
F 12	5 21 47	19°48'07	21°7	16°57	22°2	9°D26	3°44	23°59	1°36	18°8	2°25	16°R20	14°59	23°48	1°45	F 12	
S 13	5 25 44	20°49'11	5♂18	15°38	23°15	9°26	3°40	23°58	1°38	18°10	2°25	16°18	14°55	23°55	1°52	S 13	
S 14	5 29 41	21°50'16	19°57	14°24	24°29	9°27	3°36	23°57	1°39	18°12	2°26	16°14	14°52	24°2	1°59	S 14	
M15	5 33 37	22°51'22	4♂59	13°19	25°43	9°29	3°32	23°56	1°40	18°14	2°27	16°8	14°49	24°9	2°7	M15	
T 16	5 37 34	23°52'29	20°16	12°22	26°57	9°31	3°27	23°55	1°42	18°16	2°28	15°59	14°46	24°15	2°14	T 16	
W17	5 41 30	24°53'37	5♂38	11°36	28°11	9°34	3°22	23°54	1°43	18°18	2°28	15°48	14°43	24°22	2°22	W17	
T 18	5 45 27	25°54'45	20°52	11°1	29°24	9°38	3°17	23°52	1°44	18°20	2°29	15°37	14°39	24°29	2°29	T 18	
F 19	5 49 23	26°55'53	5♂48	10°37	0♂38	9°43	3°12	23°51	1°45	18°22	2°30	15°28	14°36	24°35	2°36	F 19	
S 20	5 53 20	27°57'02	20°18	10°24	1°52	9°48	3°7	23°49	1°46	18°24	2°31	15°20	14°33	24°42	2°43	S 20	
S 21	5 57 17	28°58'11	4♂18	10°D20	3°5	9°55	3°1	23°48	1°47	18°25	2°32	15°15	14°30	24°49	2°51	S 21	
M22	6 1 13	29°59'19	17°49	10°27	4°19	10°1	2°55	23°46	1°48	18°27	2°32	15°13	14°27	24°56	2°58	M22	
T 23	6 5 10	1♂0'28	0♂52	10°42	5°33	10°9	2°50	23°44	1°49	18°29	2°33	15°D12	14°24	25°2	3°5	T 23	
W24	6 9 6	2°1'37	13°32	11°5	6°46	10°17	2°44	23°42	1°49	18°31	2°34	15°R13	14°20	25°9	3°12	W24	
T 25	6 13 3	3°2'46	25°53	11°35	8°0	10°26	2°38	23°40	1°50	18°33	2°35	15°12	14°17	25°16	3°19	T 25	
F 26	6 16 59	4°3'55	8♂1	12°12	9°13	10°36	2°31	23°37	1°51	18°34	2°36	15°10	14°14	25°22	3°26	F 26	
S 27	6 20 56	5°5'03	20°0	12°54	10°26	10°46	2°25	23°35	1°51	18°36	2°37	15°5	14°11	25°29	3°33	S 27	
S 28	6 24 52	6°6'12	1♂53	13°42	11°40	10°57	2°19	23°33	1°52	18°38	2°38	14°58	14°8	25°36	3°40	S 28	
M29	6 28 49	7°7'21	13°44	14°34	12°53	11°8	2°12	23°30	1°53	18°39	2°39	14°47	14°5	25°43	3°47	M29	
T 30	6 32 46	8°8'30	25°36	15°31	14°6	11°20	2°5	23°28	1°53	18°41	2°40	14°34	14°1	25°49	3°53	T 30	
W31	6 36 42	9♂9'39	7♂29	16♂30	15♂19	11♂32	1♂58	23♂25	1♂53	18♂42	2♂41	14°Y19	13°Y58	25♂56	4♂0	W31	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	21s46	24n50	3n46	24s42	1s17	24s49	1s37	15n47	0n54	19n38	0n26	14n36	1n8	0n9	0n44	15s30	1n43
T 2	21s55	27 10	4 23	24 28	1 2	24 45	1 39	15 47	0 56	19 39	0 26	14 36	1 8	0 9	0 44	15 30	1 43
W 3	22 4	28 17	4 49	24 11	0 46	24 41	1 40	15 46	0 59	19 39	0 27	14 36	1 8	0 8	0 44	15 31	1 43
T 4	22 13	28 5	5 3	23 53	0 29	24 36	1 42	15 46	1 1	19 40	0 27	14 36	1 9	0 7	0 44	15 31	1 43
F 5	22 21	26 35	5 3	23 34	0 11	24 30	1 43	15 46	1 3	19 41	0 27	14 37	1 9	0 6	0 44	15 32	1 43
S 6	22 28	23 53	4 50	23 13	0n8	24 23	1 44	15 46	1 5	19 42	0 27	14 37	1 9	0 6	0 44	15 32	1 43
S 7	22 35	20 6	4 24	22 50	0 28	24 16	1 45	15 46	1 7	19 43	0 27	14 37	1 9	0 5	0 44	15 33	1 43
M 8	22 42	15 26	3 45	22 26	0 49	24 8	1 46	15 47	1 9	19 44	0 28	14 37	1 9	0 5	0 44	15 34	1 43
T 9	22 48	10 2	2 55	22 1	1 9	23 59	1 47	15 47	1 10	19 45	0 28	14 38	1 10	0 4	0 44	15 34	1 43
W10	22 54	4 5	1 55	21 36	1 28	23 50	1 48	15 48	1 12	19 46	0 28	14 38	1 10	0 3	0 44	15 35	1 43
T 11	23 0	2s13	0 47	21 11	1 47	23 39	1 49	15 50	1 14	19 47	0 28	14 39	1 10	0 3	0 44	15 35	1 43
F 12	23 5	8 39	0s26	20 47	2 3	23 29	1 50	15 51	1 16	19 48	0 28	14 39	1 10	0 2	0 44	15 36	1 44
S 13	23 9	14 52	1 39	20 24	2 18	23 17	1 51	15 52	1 17	19 49	0 28	14 39	1 11	0 2	0 44	15 36	1 44
S 14	23 13	20 27	2 49	20 4	2 31	23 5	1 52	15 54	1 19	19 50	0 29	14 40	1 11	0 1	0 44	15 37	1 44
M15	23 16	24 54	3 48	19 46	2 41	22 52	1 52	15 56	1 20	19 51	0 29	14 40	1 11	0 1	0 44	15 37	1 44
T 16	23 20	27 38	4 32	19 31	2 48	22 38	1 53	15 58	1 22	19 53	0 29	14 41	1 11	0 0	0 44	15 38	1 44
W17	23 23	28 18	4 57	19 20	2 54	22 24	1 53	16 1	1 23	19 54	0 29	14 42	1 11	0s0	0 44	15 38	1 44
T 18	23 24	26 48	5 1	19 12	2 57	22 9	1 53	16 3	1 24	19 55	0 29	14 42	1 12	0 1	0 44	15 39	1 44
F 19	23 26	23 25	4 43	19 7	2 59	21 53	1 54	16 6	1 26	19 57	0 30	14 43	1 12	0 1	0 45	15 39	1 44
S 20	23 27	18 39	4 8	19 6	2 58	21 37	1 54	16 9	1 27	19 58	0 30	14 44	1 12	0 1	0 45	15 40	1 44
S 21	23 28	13 1	3 19	19 7	2 56	21 20	1 54	16 12	1 28	20 0	0 30	14 44	1 12	0 2	0 45	15 40	1 44
M22	23 28	6 58	2 20	19 11	2 53	21 3	1 54	16 15	1 29	20 1	0 30	14 45	1 12	0 2	0 45	15 41	1 44
T 23	23 28	0 48	1 15	19 18	2 49	20 45	1 54	16 18	1 30	20 3	0 30	14 46	1 13	0 2	0 45	15 41	1 44
W24	23 27	5n13	0 9	19 26	2 43	20 26	1 54	16 22	1 31	20 4	0 31	14 47	1 13	0 3	0 45	15 41	1 44
T 25	23 26	10 53	0n56	19 36	2 37	20 7	1 53	16 26	1 33	20 6	0 31	14 48	1 13	0 3	0 45	15 42	1 44
F 26	23 24	16 3	1 58	19 48	2 30	19 47	1 53	16 30	1 34	20 7	0 31	14 49	1 13	0 3	0 45	15 42	1 44
S 27	23 22	20 32	2 53	20 0	2 23	19 27	1 53	16 34	1 34	20 9	0 31	14 50	1 13	0 3	0 45	15 43	1 44
S 28	23 20	24 9	3 40	20 14	2 15	19 6	1 52	16 38	1 35	20 11	0 31	14 51	1 14	0 3	0 45	15 43	1 44
M29	23 17	26 44	4 17	20 28	2 7	18 45	1 52	16 43	1 36	20 12	0 31	14 52	1 14	0 4	0 45	15 44	1 44
T 30	23 13	28 7	4 43	20 42	1 59	18 23	1 51	16 47	1 37	20 14	0 32	14 53	1 14	0 4	0 45	15 44	1 44
W31	23s9	28n12	4n57	20s57	1n51	18s1	1s50	16n52	1n38	20n16	0n32	14n54	1n14	0s4	0n45	15s44	1n44

Julian Day Number = 2378830.5, Delta T = 18.19 sec  
 Ecliptic obliquity = 23°28'03, Nutation = - 0°00'06, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 21°57'38, Lahiri = 21°04'39