



# Astrodienst Ephemeris Tables for the year 2074

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 2074

## geocentric

JANUARY 2074

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 44 6	10°55'05	22°34'	22°17'	13°17'	5°22'	11°R53	2°51'	6°52'	18°R43	5°46'	12°23'	13°47'	4°23'	14°36'	M 1
T 2	6 48 3	11°56'15	5°24'	23°54'	14°32'	5°25'	11°47'	2°58'	6°55'	18°42'	5°46'	12°24'	13°44'	4°29'	14°36'	T 2
W 3	6 52 0	12°57'24	17°53'	25°31'	15°48'	5°27'	11°41'	3° 4'	6°59'	18°40'	5°46'	12°26'	13°41'	4°36'	14°36'	W 3
T 4	6 55 56	13°58'34	0°Y 6	27° 7'	17° 3'	5°28'	11°35'	3°10'	7° 2'	18°38'	5°47'	12°28'	13°37'	4°43'	14°37'	T 4
F 5	6 59 53	14°59'43	12° 7'	28°43'	18°19'	5°R28	11°28'	3°16'	7° 6'	18°36'	5°47'	12°R28	13°34'	4°50'	14°37'	F 5
S 6	7 3 49	16° 0'52	24° 1'	0°18'	19°34'	5°28'	11°22'	3°21'	7°10'	18°35'	5°47'	12°28'	13°31'	4°56'	14°38'	S 6
S 7	7 7 46	17° 2'00	5°53'	1°53'	20°50'	5°26'	11°15'	3°27'	7°13'	18°33'	5°48'	12°26'	13°28'	5° 3'	14°39'	S 7
M 8	7 11 42	18° 3'08	17°48'	3°27'	22° 5'	5°24'	11° 8'	3°33'	7°17'	18°31'	5°48'	12°24'	13°25'	5°10'	14°39'	M 8
T 9	7 15 39	19° 4'16	29°48'	4°59'	23°21'	5°22'	11° 2'	3°39'	7°20'	18°30'	5°49'	12°20'	13°21'	5°16'	14°40'	T 9
W10	7 19 35	20° 5'24	11°59'	6°31'	24°36'	5°18'	10°55'	3°44'	7°24'	18°28'	5°49'	12°17'	13°18'	5°23'	14°41'	W10
T 11	7 23 32	21° 6'31	24°23'	8° 0'	25°51'	5°14'	10°47'	3°50'	7°27'	18°26'	5°50'	12°13'	13°15'	5°30'	14°42'	T 11
F 12	7 27 29	22° 7'38	7°0 0	9°28'	27° 7'	5° 8'	10°40'	3°56'	7°31'	18°25'	5°50'	12°10'	13°12'	5°37'	14°43'	F 12
S 13	7 31 25	23° 8'44	19°53'	10°53'	28°22'	5° 2'	10°33'	4° 1'	7°35'	18°23'	5°51'	12° 7'	13° 9'	5°43'	14°44'	S 13
S 14	7 35 22	24° 9'50	3°0 0	12°15'	29°38'	4°56'	10°26'	4° 6'	7°38'	18°21'	5°51'	12° 6'	13° 6'	5°50'	14°45'	S 14
M15	7 39 18	25°10'56	16°21'	13°34'	0°53'	4°48'	10°18'	4°12'	7°42'	18°20'	5°52'	12°D 6	13° 2'	5°57'	14°46'	M15
T 16	7 43 15	26°12'01	29°54'	14°48'	2° 8'	4°40'	10°10'	4°17'	7°45'	18°18'	5°53'	12° 7'	12°59'	6° 3'	14°47'	T 16
W17	7 47 11	27°13'07	13°39'	15°58'	3°24'	4°30'	10° 3'	4°22'	7°48'	18°16'	5°53'	12° 8'	12°56'	6°10'	14°48'	W17
T 18	7 51 8	28°14'11	27°33'	17° 2'	4°39'	4°20'	9°55'	4°28'	7°52'	18°14'	5°54'	12° 9'	12°53'	6°17'	14°50'	T 18
F 19	7 55 5	29°15'16	11°34'	17°59'	5°55'	4° 9'	9°47'	4°33'	7°55'	18°13'	5°55'	12°10'	12°50'	6°24'	14°51'	F 19
S 20	7 59 1	0°16'20	25°42'	18°50'	7°10'	3°58'	9°40'	4°38'	7°59'	18°11'	5°55'	12°R11	12°47'	6°30'	14°52'	S 20
S 21	8 2 58	1°17'24	9°53'	19°32'	8°25'	3°45'	9°32'	4°43'	8° 2'	18°10'	5°56'	12°10'	12°43'	6°37'	14°54'	S 21
M22	8 6 54	2°18'28	24° 6'	20° 5'	9°41'	3°32'	9°24'	4°48'	8° 6'	18° 8'	5°57'	12°10'	12°40'	6°44'	14°55'	M22
T 23	8 10 51	3°19'31	8°19'	20°29'	10°56'	3°18'	9°16'	4°52'	8° 9'	18° 6'	5°58'	12° 9'	12°37'	6°51'	14°57'	T 23
W24	8 14 47	4°20'34	22°28'	20°42'	12°11'	3° 4'	9° 8'	4°57'	8°12'	18° 5'	5°58'	12° 8'	12°34'	6°57'	14°58'	W24
T 25	8 18 44	5°21'37	6°29'	20°R44	13°27'	2°48'	9° 0'	5° 2'	8°16'	18° 3'	5°59'	12° 7'	12°31'	7° 4'	15° 0'	T 25
F 26	8 22 40	6°22'39	20°20'	20°34'	14°42'	2°32'	8°52'	5° 6'	8°19'	18° 1'	6° 0'	12° 6'	12°27'	7°11'	15° 1'	F 26
S 27	8 26 37	7°23'40	3°57'	20°13'	15°57'	2°15'	8°44'	5°11'	8°22'	18° 0'	6° 1'	12° 6'	12°24'	7°17'	15° 3'	S 27
S 28	8 30 34	8°24'40	17°18'	19°41'	17°13'	1°57'	8°36'	5°15'	8°25'	17°58'	6° 2'	12°D 6	12°21'	7°24'	15° 5'	S 28
M29	8 34 30	9°25'40	0°12'	18°58'	18°28'	1°39'	8°28'	5°20'	8°29'	17°57'	6° 3'	12° 6'	12°18'	7°31'	15° 7'	M29
T 30	8 38 27	10°26'38	13° 7'	18° 6'	19°43'	1°20'	8°20'	5°24'	8°32'	17°55'	6° 4'	12° 6'	12°15'	7°38'	15° 9'	T 30
W31	8 42 23	11°27'35	25°36'	17°5 5	20°59'	1°11'	8°12'	5°28'	8°35'	17°54'	6°Y 4	12° 7'	12°12'	7°44'	15°Y11	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	22s59	14s52	0s55	23s43	2s10	23s28	0s42	12n43	3n25	17n51	0n40	18s52	1n53	23s32	0s17	21n23	0s45
T 2	22 54	11 26	2 3	23 26	2 9	23 22	0 44	12 44	3 27	17 53	0 40	18 53	1 53	23 32	0 17	21 23	0 45
W 3	22 48	7 35	3 2	23 7	2 8	23 16	0 46	12 45	3 30	17 55	0 40	18 54	1 54	23 31	0 17	21 23	0 45
T 4	22 42	3 31	3 52	22 47	2 6	23 8	0 48	12 47	3 32	17 57	0 40	18 55	1 54	23 31	0 17	21 24	0 45
F 5	22 35	0n38	4 31	22 25	2 4	23 1	0 50	12 49	3 34	17 59	0 40	18 56	1 54	23 31	0 17	21 24	0 45
S 6	22 28	4 42	4 58	22 2	2 1	22 52	0 52	12 51	3 36	18 1	0 41	18 57	1 54	23 31	0 17	21 24	0 45
S 7	22 21	8 34	5 12	21 38	1 57	22 43	0 54	12 54	3 38	18 3	0 41	18 58	1 54	23 31	0 17	21 24	0 45
M 8	22 13	12 7	5 13	21 12	1 53	22 33	0 56	12 57	3 41	18 5	0 41	18 59	1 54	23 30	0 17	21 25	0 45
T 9	22 4	15 13	5 0	20 45	1 47	22 22	0 58	13 0	3 43	18 7	0 41	19 0	1 54	23 30	0 17	21 25	0 45
W10	21 56	17 42	4 33	20 17	1 42	22 10	1 0	13 3	3 45	18 9	0 41	19 1	1 54	23 30	0 17	21 25	0 45
T 11	21 46	19 25	3 53	19 47	1 35	21 58	1 2	13 7	3 47	18 11	0 41	19 2	1 54	23 30	0 17	21 25	0 45
F 12	21 37	20 13	3 2	19 17	1 27	21 46	1 3	13 11	3 49	18 13	0 42	19 3	1 54	23 30	0 17	21 26	0 45
S 13	21 27	19 59	2 0	18 46	1 19	21 32	1 5	13 15	3 52	18 15	0 42	19 4	1 54	23 30	0 17	21 26	0 45
S 14	21 16	18 40	0 50	18 14	1 10	21 18	1 7	13 19	3 54	18 17	0 42	19 5	1 54	23 29	0 17	21 26	0 45
M15	21 5	16 18	0n23	17 42	1 0	21 4	1 8	13 24	3 56	18 20	0 42	19 6	1 55	23 29	0 17	21 26	0 45
T 16	20 54	13 1	1 37	17 10	0 49	20 48	1 10	13 29	3 58	18 22	0 42	19 7	1 55	23 29	0 17	21 27	0 45
W17	20 42	8 59	2 46	16 38	0 37	20 32	1 11	13 35	4 0	18 24	0 42	19 8	1 55	23 29	0 17	21 27	0 45
T 18	20 30	4 26	3 46	16 6	0 24	20 16	1 12	13 40	4 2	18 26	0 43	19 8	1 55	23 29	0 17	21 27	0 45
F 19	20 18	0s23	4 33	15 35	0 10	19 59	1 14	13 46	4 4	18 29	0 43	19 9	1 55	23 28	0 17	21 27	0 45
S 20	20 5	5 12	5 4	15 5	0n 5	19 41	1 15	13 52	4 6	18 31	0 43	19 10	1 55	23 28	0 17	21 27	0 45
S 21	19 52	9 46	5 16	14 37	0 21	19 23	1 16	13 58	4 8	18 33	0 43	19 11	1 55	23 28	0 17	21 28	0 44
M22	19 38	13 47	5 10	14 11	0 38	19 4	1 18	14 5	4 10	18 35	0 43	19 12	1 55	23 28	0 17	21 28	0 44
T 23	19 24	17 0	4 44	13 47	0 55	18 45	1 19	14 12	4 12	18 37	0 43	19 12	1 55	23 28	0 17	21 28	0 44
W24	19 10	19 12	4 2	13 26	1 12	18 25	1 20	14 19	4 13	18 40	0 43	19 13	1 56	23 27	0 17	21 28	0 44
T 25	18 55	20 11	3 5	13 9	1 30	18 4	1 21	14 26	4 15	18 42	0 44	19 14	1 56	23 27	0 17	21 29	0 44
F 26	18 40	19 57	1 58	12 55	1 48	17 43	1 22	14 33	4 17	18 44	0 44	19 15	1 56	23 27	0 17	21 29	0 44
S 27	18 25	18 32	0 45	12 45	2 6	17 22	1 23	14 41	4 18	18 46	0 44	19 15	1 56	23 27	0 17	21 29	0 44
S 28	18 9	16 6	0s29	12 38	2 23	17 0	1 24	14 49	4 20	18 49	0 44	19 16	1 56	23 27	0 17	21 29	0 44
M29	17 53	12 54	1 40	12 36	2 39	16 37	1 24	14 57	4 21	18 51	0 44	19 17	1 56	23 26	0 17	21 30	0 44
T 30	17 37	9 9	2 44	12 38	2 54	16 14	1 25	15 5	4 23	18 53	0 44	19 17	1 56	23 26	0 17	21 30	0 44
W31	17s20	5s 6	3s39	12s44	3n 7	15s51	1s26	15n13	4n24	18n55	0n44	19s18	1n56	23s26	0s17	21n30	0s44

Julian Day Number = 2478573.5, Delta T = 82.45 sec  
 Ecliptic obliquity = 23°25'40, Nutation = - 0°00'12, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 25°46'27, Lahiri = 24°53'27

# ASTRODIENST EPHEMERIS for the year 2074

## geocentric

FEBRUARY 2074

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	8 46 20	12 <sup>28</sup> 31	7 <sup>50</sup> 50	15 <sup>58</sup> 58	22 <sup>28</sup> 14	0 <sup>0</sup> R41	8 <sup>0</sup> R 4	5 <sup>27</sup> 32	8 <sup>33</sup> 38	17 <sup>0</sup> R52	6 <sup>5</sup> 5	12 <sup>0</sup> R 7	12 <sup>0</sup> Ω 8	7 <sup>51</sup> 51	15 <sup>5</sup> 12	T 1
F 2	8 50 16	13 <sup>29</sup> 26	19 <sup>53</sup>	14 <sup>22</sup> 47	23 <sup>29</sup>	0 <sup>0</sup> 20	7 <sup>0</sup> Ω56	5 <sup>36</sup>	8 <sup>41</sup>	17 <sup>51</sup>	6 <sup>6</sup> 6	12 <sup>0</sup> Ω 6	12 <sup>0</sup> 5	7 <sup>58</sup>	15 <sup>14</sup>	F 2
S 3	8 54 13	14 <sup>30</sup> 19	1 <sup>8</sup> 49	13 <sup>33</sup>	24 <sup>44</sup>	29 <sup>0</sup> Ω59	7 <sup>48</sup>	5 <sup>40</sup>	8 <sup>44</sup>	17 <sup>49</sup>	6 <sup>7</sup> 7	12 <sup>0</sup> 6	12 <sup>0</sup> 2	8 <sup>4</sup>	15 <sup>16</sup>	S 3
S 4	8 58 9	15 <sup>31</sup> 12	13 <sup>41</sup>	12 <sup>19</sup>	26 <sup>0</sup> 0	29 <sup>38</sup>	7 <sup>40</sup>	5 <sup>44</sup>	8 <sup>47</sup>	17 <sup>48</sup>	6 <sup>8</sup> 8	12 <sup>0</sup> D 6	11 <sup>59</sup>	8 <sup>11</sup>	15 <sup>19</sup>	S 4
M 5	9 2 6	16 <sup>32</sup> 03	25 <sup>35</sup>	11 <sup>7</sup> 7	27 <sup>15</sup>	29 <sup>16</sup>	7 <sup>32</sup>	5 <sup>48</sup>	8 <sup>51</sup>	17 <sup>46</sup>	6 <sup>9</sup> 9	12 <sup>0</sup> 6	11 <sup>56</sup>	8 <sup>18</sup>	15 <sup>21</sup>	M 5
T 6	9 6 2	17 <sup>32</sup> 52	7 <sup>11</sup> 36	9 <sup>59</sup>	28 <sup>30</sup>	28 <sup>53</sup>	7 <sup>24</sup>	5 <sup>52</sup>	8 <sup>54</sup>	17 <sup>45</sup>	6 <sup>10</sup>	12 <sup>0</sup> 7	11 <sup>53</sup>	8 <sup>25</sup>	15 <sup>23</sup>	T 6
W 7	9 9 59	18 <sup>33</sup> 40	19 <sup>47</sup>	8 <sup>56</sup>	29 <sup>45</sup>	28 <sup>31</sup>	7 <sup>17</sup>	5 <sup>55</sup>	8 <sup>57</sup>	17 <sup>43</sup>	6 <sup>11</sup>	12 <sup>0</sup> 7	11 <sup>49</sup>	8 <sup>31</sup>	15 <sup>25</sup>	W 7
T 8	9 13 56	19 <sup>34</sup> 27	2 <sup>53</sup> 13	8 <sup>0</sup> 0	1 <sup>1</sup> 0 0	28 <sup>8</sup>	7 <sup>9</sup> 9	5 <sup>59</sup>	9 <sup>0</sup> 0	17 <sup>42</sup>	6 <sup>13</sup>	12 <sup>0</sup> 8	11 <sup>46</sup>	8 <sup>38</sup>	15 <sup>27</sup>	T 8
F 9	9 17 52	20 <sup>35</sup> 12	14 <sup>57</sup>	7 <sup>10</sup>	2 <sup>15</sup>	27 <sup>44</sup>	7 <sup>1</sup> 1	6 <sup>2</sup> 2	9 <sup>2</sup> 2	17 <sup>41</sup>	6 <sup>14</sup>	12 <sup>0</sup> 9	11 <sup>43</sup>	8 <sup>45</sup>	15 <sup>30</sup>	F 9
S 10	9 21 49	21 <sup>35</sup> 56	28 <sup>0</sup> 1	6 <sup>29</sup>	3 <sup>30</sup>	27 <sup>21</sup>	6 <sup>54</sup>	6 <sup>6</sup> 6	9 <sup>5</sup> 5	17 <sup>39</sup>	6 <sup>15</sup>	12 <sup>0</sup> 9	11 <sup>40</sup>	8 <sup>52</sup>	15 <sup>32</sup>	S 10
S 11	9 25 45	22 <sup>36</sup> 38	11 <sup>0</sup> 26	5 <sup>56</sup>	4 <sup>45</sup>	26 <sup>57</sup>	6 <sup>46</sup>	6 <sup>9</sup> 9	9 <sup>8</sup> 8	17 <sup>38</sup>	6 <sup>16</sup>	12 <sup>0</sup> R10	11 <sup>37</sup>	8 <sup>58</sup>	15 <sup>34</sup>	S 11
M12	9 29 42	23 <sup>37</sup> 19	25 <sup>11</sup>	5 <sup>30</sup>	6 <sup>1</sup> 1	26 <sup>33</sup>	6 <sup>39</sup>	6 <sup>12</sup>	9 <sup>11</sup>	17 <sup>37</sup>	6 <sup>17</sup>	12 <sup>0</sup> 9	11 <sup>33</sup>	9 <sup>5</sup> 5	15 <sup>37</sup>	M12
T 13	9 33 38	24 <sup>37</sup> 59	9 <sup>0</sup> 12	5 <sup>13</sup>	7 <sup>16</sup>	26 <sup>10</sup>	6 <sup>32</sup>	6 <sup>15</sup>	9 <sup>14</sup>	17 <sup>35</sup>	6 <sup>18</sup>	12 <sup>0</sup> 9	11 <sup>30</sup>	9 <sup>12</sup>	15 <sup>39</sup>	T 13
W14	9 37 35	25 <sup>38</sup> 37	23 <sup>27</sup>	5 <sup>4</sup> 4	8 <sup>31</sup>	25 <sup>46</sup>	6 <sup>24</sup>	6 <sup>18</sup>	9 <sup>17</sup>	17 <sup>34</sup>	6 <sup>19</sup>	12 <sup>0</sup> 7	11 <sup>27</sup>	9 <sup>18</sup>	15 <sup>42</sup>	W14
T 15	9 41 31	26 <sup>39</sup> 14	7 <sup>2</sup> 43	5 <sup>0</sup> D 2	9 <sup>46</sup>	25 <sup>22</sup>	6 <sup>17</sup>	6 <sup>21</sup>	9 <sup>19</sup>	17 <sup>33</sup>	6 <sup>20</sup>	12 <sup>0</sup> 5	11 <sup>24</sup>	9 <sup>25</sup>	15 <sup>44</sup>	T 15
F 16	9 45 28	27 <sup>39</sup> 50	22 <sup>15</sup>	5 <sup>8</sup> 8	11 <sup>1</sup> 1	24 <sup>58</sup>	6 <sup>10</sup>	6 <sup>24</sup>	9 <sup>22</sup>	17 <sup>31</sup>	6 <sup>22</sup>	12 <sup>0</sup> 3	11 <sup>21</sup>	9 <sup>32</sup>	15 <sup>47</sup>	F 16
S 17	9 49 25	28 <sup>40</sup> 24	6 <sup>0</sup> 39	5 <sup>19</sup>	12 <sup>16</sup>	24 <sup>34</sup>	6 <sup>3</sup> 3	6 <sup>27</sup>	9 <sup>25</sup>	17 <sup>30</sup>	6 <sup>23</sup>	12 <sup>0</sup> 2	11 <sup>18</sup>	9 <sup>39</sup>	15 <sup>49</sup>	S 17
S 18	9 53 21	29 <sup>40</sup> 58	20 <sup>56</sup>	5 <sup>37</sup>	13 <sup>30</sup>	24 <sup>10</sup>	5 <sup>56</sup>	6 <sup>30</sup>	9 <sup>27</sup>	17 <sup>29</sup>	6 <sup>24</sup>	12 <sup>0</sup> 1	11 <sup>14</sup>	9 <sup>45</sup>	15 <sup>52</sup>	S 18
M19	9 57 18	0 <sup>1</sup> 41 <sup>30</sup>	5 <sup>2</sup> 5	6 <sup>1</sup> 1	14 <sup>45</sup>	23 <sup>47</sup>	5 <sup>50</sup>	6 <sup>32</sup>	9 <sup>30</sup>	17 <sup>28</sup>	6 <sup>25</sup>	12 <sup>0</sup> D 0	11 <sup>11</sup>	9 <sup>52</sup>	15 <sup>55</sup>	M19
T 20	10 1 14	1 <sup>42</sup> 01	19 <sup>4</sup> 4	6 <sup>30</sup>	16 <sup>0</sup> 0	23 <sup>23</sup>	5 <sup>43</sup>	6 <sup>35</sup>	9 <sup>33</sup>	17 <sup>27</sup>	6 <sup>27</sup>	12 <sup>0</sup> 1	11 <sup>8</sup>	9 <sup>59</sup>	15 <sup>57</sup>	T 20
W21	10 5 11	2 <sup>42</sup> 31	2 <sup>3</sup> 51	7 <sup>4</sup> 4	17 <sup>15</sup>	23 <sup>0</sup>	5 <sup>37</sup>	6 <sup>37</sup>	9 <sup>35</sup>	17 <sup>26</sup>	6 <sup>28</sup>	12 <sup>0</sup> 2	11 <sup>5</sup>	10 <sup>6</sup> 6	16 <sup>0</sup> 0	W21
T 22	10 9 7	3 <sup>43</sup> 00	16 <sup>25</sup>	7 <sup>43</sup>	18 <sup>30</sup>	22 <sup>38</sup>	5 <sup>30</sup>	6 <sup>39</sup>	9 <sup>38</sup>	17 <sup>25</sup>	6 <sup>29</sup>	12 <sup>0</sup> 4	11 <sup>2</sup>	10 <sup>12</sup>	16 <sup>3</sup> 3	T 22
F 23	10 13 4	4 <sup>43</sup> 27	29 <sup>48</sup>	8 <sup>25</sup>	19 <sup>45</sup>	22 <sup>15</sup>	5 <sup>24</sup>	6 <sup>41</sup>	9 <sup>40</sup>	17 <sup>24</sup>	6 <sup>30</sup>	12 <sup>0</sup> 5	10 <sup>58</sup>	10 <sup>19</sup>	16 <sup>6</sup> 6	F 23
S 24	10 17 0	5 <sup>43</sup> 53	12 <sup>2</sup> 59	9 <sup>12</sup>	21 <sup>0</sup> 0	21 <sup>53</sup>	5 <sup>18</sup>	6 <sup>43</sup>	9 <sup>42</sup>	17 <sup>23</sup>	6 <sup>32</sup>	12 <sup>0</sup> R 6	10 <sup>55</sup>	10 <sup>26</sup>	16 <sup>9</sup> 9	S 24
S 25	10 20 57	6 <sup>44</sup> 17	25 <sup>57</sup>	10 <sup>2</sup> 2	22 <sup>14</sup>	21 <sup>32</sup>	5 <sup>12</sup>	6 <sup>45</sup>	9 <sup>45</sup>	17 <sup>22</sup>	6 <sup>33</sup>	12 <sup>0</sup> 5	10 <sup>52</sup>	10 <sup>32</sup>	16 <sup>11</sup> 11	S 25
M26	10 24 54	7 <sup>44</sup> 40	8 <sup>1</sup> 43	10 <sup>55</sup>	23 <sup>29</sup>	21 <sup>11</sup>	5 <sup>6</sup> 6	6 <sup>47</sup>	9 <sup>47</sup>	17 <sup>21</sup>	6 <sup>34</sup>	12 <sup>0</sup> 3	10 <sup>49</sup>	10 <sup>39</sup>	16 <sup>14</sup> 14	M26
T 27	10 28 50	8 <sup>45</sup> 00	21 <sup>16</sup>	11 <sup>51</sup>	24 <sup>44</sup>	20 <sup>50</sup>	5 <sup>1</sup> 1	6 <sup>49</sup>	9 <sup>49</sup>	17 <sup>20</sup>	6 <sup>36</sup>	11 <sup>59</sup>	10 <sup>46</sup>	10 <sup>46</sup>	16 <sup>17</sup> 17	T 27
W28	10 32 47	9 <sup>1</sup> 45 <sup>19</sup>	3 <sup>5</sup> 37	12 <sup>2</sup> 51	25 <sup>1</sup> 59	20 <sup>0</sup> 30	4 <sup>0</sup> 55	6 <sup>2</sup> 51	9 <sup>3</sup> 52	17 <sup>19</sup>	6 <sup>3</sup> 37	11 <sup>55</sup>	10 <sup>43</sup>	10 <sup>3</sup> 53	16 <sup>1</sup> 20	W28

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	17s 3	0s55	4s22	12s53	3n18	15s27	1s26	15n21	4n25	18n57	0n44	19s18	1n57	23s26	0s17	21n30	0s44	12s40	16s27	17n 9	17n 9	9n16	7n20	1n28
F 2	16 46	3n14	4 54	13 5	3 27	15 3	1 27	15 30	4 26	19 0	0 45	19 19	1 57	23 26	0 17	21 30	0 44	12 39	16 26	17 9	17 10	9 18	7 21	1 28
S 3	16 28	7 13	5 12	13 20	3 34	14 39	1 27	15 38	4 27	19 2	0 45	19 19	1 57	23 26	0 17	21 31	0 44	12 39	16 26	17 9	17 11	9 20	7 21	1 27
S 4	16 11	10 53	5 17	13 37	3 38	14 14	1 28	15 47	4 28	19 4	0 45	19 20	1 57	23 25	0 17	21 31	0 44	12 38	16 26	17 9	17 11	9 22	7 22	1 27
M 5	15 52	14 9	5 8	13 55	3 39	13 48	1 28	15 55	4 29	19 6	0 45	19 21	1 57	23 25	0 17	21 31	0 44	12 37	16 25	17 9	17 12	9 24	7 23	1 27
T 6	15 34	16 51	4 46	14 14	3 38	13 22	1 28	16 4	4 30	19 8	0 45	19 21	1 57	23 25	0 17	21 31	0 44	12 37	16 25	17 9	17 13	9 26	7 24	1 27
W 7	15 15	18 51	4 11	14 33	3 35	12 56	1 29	16 12	4 30	19 10	0 45	19 22	1 57	23 25	0 17	21 32	0 44	12 36	16 25	17 9	17 14	9 28	7 24	1 27
T 8	14 56	20 1	3 24	14 52	3 30	12 30	1 29	16 21	4 31	19 12	0 45	19 22	1 57	23 25	0 17	21 32	0 44	12 35	16 25	17 9	17 15	9 30	7 25	1 27
F 9	14 37	20 11	2 25	15 11	3 23	12 3	1 29	16 29	4 31	19 14	0 45	19 22	1 58	23 24	0 17	21 32	0 44	12 35	16 24	17 9	17 16	9 32	7 26	1 27
S 10	14 18	19 17	1 18	15 29	3 15	11 36	1 29	16 38	4 31	19 16	0 45	19 23	1 58	23 24	0 17	21 32	0 44	12 34	16 24	17 9	17 17	9 34	7 27	1 27
S 11	13 58	17 17	0 4	15 47	3 6	11 8	1 29	16 46	4 32	19 18	0 45	19 23	1 58	23 24	0 17	21 32	0 44	12 34	16 24	17 8	17 18	9 36	7 27	1 26
M12	13 38	14 15	1n11	16 3	2 55	10 41	1 29	16 55	4 32	19 20	0 45	19 24	1 58	23 24	0 17	21 33	0 44	12 33	16 24	17 9	17 19	9 38	7 28	1 26
T 13	13 18	10 20	2 24	16 18	2 44	10 13	1 29	17 3	4 32	19 22	0 45	19 24	1 58	23 24	0 17	21 33	0 44	12 32	16 23	17 9	17 19	9 40	7 29	1 26
W14	12 58	5 48	3 29	16 31	2 33	9 44	1 28	17 11	4 32	19 24	0 46	19 24	1 58	23 24	0 17	21 33	0 44	12 32	16 23	17 9	17 20	9 42	7 30	1 26
T 15	12 37	0 54	4 21	16 43	2 21	9 16	1 28	17 19	4 31	19 26	0 46	19 25	1 58	23 23	0 17	21 33	0 44	12 31	16 23	17 10	17 21	9 45	7 31	1 26
F 16	12 17	4s 4	4 57	16 54	2 8	8 47	1 28	17 27	4 31	19 28	0 46	19 25	1 59	23 23	0 17	21 33	0 44	12 30	16 23	17 10	17 22	9 47	7 32	1 26
S 17	11 56	8 46	5 14	17 3	1 56	8 18	1 27	17 35	4 31	19 29	0 46	19 25	1 59	23 23	0 17	21 33	0 44	12 30	16 23	17 11	17 23	9 49	7 32	1 26
S 18	11 35	12 58	5 12	17 11	1 43	7 49	1 27	17 42	4 30	19 31	0 46	19 26	1 59	23 23	0 17	21 34	0 44	12 29	16 22	17 11	17 24	9 51	7 33	1 26
M19	11 13	16 22	4 51	17 18	1 31	7 20	1 26	17 49	4 29	19 33	0 46	19 26	1 59	23 23	0 17	21 34	0 44	12 28	16 22	17 11	17 25	9 53	7 34	1 25
T 20	10 52	18 47	4 12	17 22	1 18	6 50	1 26	17 56	4 29	19 34	0 46	19 26	1 59	23 23	0 17	21 34	0 44	12 28	16 22	17 11	17 26	9 55	7 35	1 25
W21	10 30	20 4	3 20	17 26	1 6	6 20	1 25	18 3	4 28	19 36	0 46	19 27	1 59	23 22	0 18	21 34	0 44	12 27	16 22	17 10	17 26	9 57	7 36	1 25
T 22	10 8	20 9	2 17	17 27	0 54	5 50	1 24	18 10	4 27	19 38	0 46	19 27	2 0	23 22	0 18	21 34	0 44	12 26	16 22	17 10	17 27	9 59	7 37	1 25
F 23	9 46	19 5	1 7	17 28	0 43	5 20	1 23	18 16	4 26	19 39	0 46	19 27	2 0	23 22	0 18	21 34	0 44	12 26	16 21	17 10	17 28	10 1	7 38	1 25
S 24	9 24	16 59	0s 5	17 27	0 31	4 50	1 22	18 22	4 25	19 41	0 46	19 27	2 0	23 22	0 18	21 35	0 44	12 25	16 21	17 10	17 29	10 3	7 39	1 25
S 25	9 2	14 3	1 15	17 24	0 20	4 19	1 21	18 28	4 23	19 42	0 46	19 27	2 0	23 22	0 18	21 35	0 44	12 24	16 21	17 10	17 30	10 5	7 40	1 25
M26	8 40	10 29	2 21	17 20	0 9	3 49	1 20	18 34	4 22	19 44	0 46	19 28	2 0	23 22	0 18	21 35	0 44	12 24	16 21	17 10	17 31	10 7	7 41	1 25
T 27	8 17	6 30	3 18	17 15	0s 1	3 18	1 19	18 39	4 21	19 45	0 46	19 28	2 0	23 21	0 18	21 35	0 44	12 23	16 21	17 10	17 32	10 9	7 42	1 24
W28	7s54	2s19	4s 6	17s 8	0s11	2s48	1s18	18n44	4n19	19n46	0n46	19s28	2n 0	23s21	0s18	21n35	0s44	12s22	16s21	17n13	17n32	10n11	7n43	1n24

ASTRODIENST EPHEMERIS for the year 2074  
geocentric

MARCH 2074

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	10 36 43	10♈45'36	15♉47	13♊52	27♋13	20♌11	4♍R50	6♎52	9♏54	17♐R18	6♑38	11♒R50	10♓39	10♈59	16♉23	T 1
F 2	10 40 40	11°45'52	27°49	14°57	28°28	19♌52	4♍45	6°54	9°56	17♏17	6°40	11♒44	10°36	11° 6	16°26	F 2
S 3	10 44 36	12°46'05	9♉44	16° 3	29°43	19°34	4°40	6°55	9°58	17°16	6°41	11°40	10°33	11°13	16°29	S 3
S 4	10 48 33	13°46'16	21°36	17°12	0♉57	19°16	4°35	6°56	10° 0	17°15	6°42	11°36	10°30	11°19	16°32	S 4
M 5	10 52 29	14°46'26	3♊12	18°23	2°12	18°59	4°30	6°57	10° 2	17°15	6°44	11°34	10°27	11°26	16°35	M 5
T 6	10 56 26	15°46'33	15°26	19°36	3°26	18°43	4°26	6°59	10° 4	17°14	6°45	11°D33	10°24	11°33	16°39	T 6
W 7	11 0 23	16°46'38	27°35	20°50	4°41	18°27	4°21	6°59	10° 6	17°13	6°47	11°34	10°20	11°40	16°42	W 7
T 8	11 4 19	17°46'41	9♊58	22° 6	5°55	18°13	4°17	7° 0	10° 8	17°13	6°48	11°35	10°17	11°46	16°45	T 8
F 9	11 8 16	18°46'42	22°41	23°24	7°10	17°59	4°13	7° 1	10°10	17°12	6°49	11°37	10°14	11°53	16°48	F 9
S 10	11 12 12	19°46'41	5♌48	24°44	8°24	17°45	4° 9	7° 2	10°12	17°11	6°51	11°R38	10°11	12° 0	16°51	S 10
S 11	11 16 9	20°46'38	19°20	26° 5	9°39	17°33	4° 6	7° 2	10°13	17°11	6°52	11°38	10° 8	12° 7	16°55	S 11
M12	11 20 5	21°46'32	3♊18	27°28	10°53	17°21	4° 2	7° 3	10°15	17°10	6°54	11°36	10° 4	12°13	16°58	M12
T 13	11 24 2	22°46'25	17°40	28°52	12° 7	17°10	3°59	7° 3	10°17	17°10	6°55	11°32	10° 1	12°20	17° 1	T 13
W14	11 27 58	23°46'15	2♌20	0♈17	13°22	17° 0	3°56	7° 3	10°18	17° 9	6°57	11°27	9°58	12°27	17° 4	W14
T 15	11 31 55	24°46'04	17°11	1°44	14°36	16°51	3°53	7° 4	10°20	17° 9	6°58	11°20	9°55	12°33	17° 8	T 15
F 16	11 35 52	25°45'51	2♊ 5	3°12	15°50	16°42	3°50	7°R 4	10°21	17° 8	6°59	11°13	9°52	12°40	17°11	F 16
S 17	11 39 48	26°45'36	16°53	4°42	17° 4	16°34	3°48	7° 4	10°23	17° 8	7° 1	11° 7	9°49	12°47	17°14	S 17
S 18	11 43 45	27°45'20	1♊29	6°13	18°18	16°27	3°46	7° 3	10°24	17° 8	7° 2	11° 2	9°45	12°54	17°18	S 18
M19	11 47 41	28°45'01	15°47	7°45	19°32	16°21	3°43	7° 3	10°26	17° 7	7° 4	11° 0	9°42	13° 0	17°21	M19
T 20	11 51 38	29°44'41	29°45	9°18	20°47	16°15	3°41	7° 3	10°27	17° 7	7° 5	10°D59	9°39	13° 7	17°25	T 20
W21	11 55 34	0♉44'20	13♊24	10°53	22° 1	16°10	3°40	7° 2	10°28	17° 7	7° 7	10°59	9°36	13°14	17°28	W21
T 22	11 59 31	1°43'57	26°44	12°29	23°15	16° 6	3°38	7° 2	10°30	17° 7	7° 8	11° 1	9°33	13°20	17°31	T 22
F 23	12 3 27	2°43'32	9♊47	14° 6	24°29	16° 3	3°37	7° 1	10°31	17° 6	7°10	11°R 1	9°30	13°27	17°35	F 23
S 24	12 7 24	3°43'05	22°37	15°45	25°42	16° 1	3°35	7° 0	10°32	17° 6	7°11	11° 1	9°26	13°34	17°38	S 24
S 25	12 11 21	4°42'36	5♈14	17°25	26°56	15°59	3°34	7° 0	10°33	17° 6	7°13	10°58	9°23	13°41	17°42	S 25
M26	12 15 17	5°42'05	17°42	19° 6	28°10	15°58	3°34	6°59	10°34	17° 6	7°14	10°52	9°20	13°47	17°45	M26
T 27	12 19 14	6°41'33	29°59	20°48	29°24	15°D58	3°33	6°58	10°35	17° 6	7°16	10°44	9°17	13°54	17°49	T 27
W28	12 23 10	7°40'58	12♉10	22°32	0♈38	15°58	3°33	6°56	10°36	17°D 6	7°17	10°34	9°14	14° 1	17°52	W28
T 29	12 27 7	8°40'21	24°13	24°17	1°52	16° 0	3°32	6°55	10°37	17° 6	7°19	10°23	9°10	14° 8	17°56	T 29
F 30	12 31 3	9°39'43	6♊10	26° 4	3° 5	16° 2	3°D32	6°54	10°37	17° 6	7°20	10°12	9° 7	14°14	17°59	F 30
S 31	12 35 0	10♉39'02	18♉ 3	27♈52	4♉19	16♌ 4	3♌33	6♊52	10♓38	17♏ 6	7♉22	10♌ 1	9♌ 4	14♈21	18♉ 3	S 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s32	1n53	4s41	16s59	0s21	2s17	1s17	18n49	4n17	19n48	0n46	19s28	2n 1	23s21
F 2	7 9	5 58	5 3	16 50	0 30	1 46	1 16	18 53	4 16	19 49	0 46	19 28	2 1	23 21
S 3	6 46	9 47	5 12	16 39	0 39	1 15	1 14	18 58	4 14	19 50	0 46	19 28	2 1	23 21
S 4	6 23	13 12	5 7	16 26	0 48	0 44	1 13	19 2	4 12	19 51	0 46	19 28	2 1	23 21
M 5	6 0	16 6	4 50	16 12	0 56	0 13	1 11	19 5	4 10	19 52	0 46	19 28	2 1	23 21
T 6	5 36	18 20	4 19	15 57	1 4	0n18	1 10	19 8	4 8	19 53	0 46	19 28	2 1	23 21
W 7	5 13	19 47	3 37	15 41	1 12	0 49	1 8	19 11	4 6	19 55	0 46	19 28	2 2	23 20
T 8	4 50	20 20	2 44	15 23	1 19	1 20	1 7	19 14	4 4	19 56	0 46	19 28	2 2	23 20
F 9	4 26	19 51	1 41	15 4	1 26	1 51	1 5	19 17	4 2	19 56	0 46	19 28	2 2	23 20
S 10	4 3	18 18	0 32	14 43	1 32	2 22	1 3	19 19	4 0	19 57	0 46	19 28	2 2	23 20
S 11	3 39	15 41	0n42	14 21	1 38	2 53	1 1	19 21	3 58	19 58	0 46	19 28	2 2	23 20
M12	3 16	12 5	1 55	13 58	1 44	3 24	0 59	19 22	3 56	19 59	0 46	19 28	2 2	23 20
T 13	2 52	7 41	3 3	13 34	1 49	3 54	0 58	19 23	3 54	20 0	0 46	19 28	2 3	23 20
W14	2 28	2 45	4 0	13 8	1 54	4 25	0 56	19 24	3 51	20 1	0 46	19 28	2 3	23 20
T 15	2 5	2s24	4 42	12 42	1 58	4 56	0 54	19 25	3 49	20 1	0 46	19 28	2 3	23 20
F 16	1 41	7 25	5 4	12 13	2 2	5 26	0 52	19 26	3 47	20 2	0 46	19 27	2 3	23 19
S 17	1 17	11 58	5 7	11 44	2 6	5 56	0 49	19 26	3 45	20 2	0 46	19 27	2 3	23 19
S 18	0 54	15 44	4 49	11 13	2 9	6 27	0 47	19 26	3 42	20 3	0 46	19 27	2 3	23 19
M19	0 30	18 28	4 14	10 42	2 12	6 57	0 45	19 25	3 40	20 3	0 46	19 27	2 3	23 19
T 20	0 6	20 2	3 24	10 9	2 14	7 27	0 43	19 25	3 37	20 4	0 46	19 27	2 4	23 19
W21	0n18	20 23	2 23	9 34	2 16	7 57	0 41	19 24	3 35	20 4	0 46	19 26	2 4	23 19
T 22	0 41	19 33	1 16	8 59	2 17	8 26	0 38	19 23	3 33	20 5	0 46	19 26	2 4	23 19
F 23	1 5	17 41	0 7	8 23	2 18	8 56	0 36	19 22	3 30	20 5	0 46	19 26	2 4	23 19
S 24	1 29	14 57	1s 2	7 45	2 19	9 25	0 33	19 20	3 28	20 5	0 46	19 26	2 4	23 19
S 25	1 52	11 33	2 6	7 6	2 19	9 54	0 31	19 18	3 26	20 5	0 46	19 25	2 4	23 19
M26	2 16	7 40	3 3	6 26	2 18	10 22	0 29	19 16	3 23	20 5	0 46	19 25	2 4	23 19
T 27	2 39	3 32	3 51	5 45	2 17	10 51	0 26	19 14	3 21	20 6	0 46	19 25	2 5	23 19
W28	3 3	0n42	4 28	5 3	2 16	11 19	0 23	19 12	3 18	20 6	0 46	19 25	2 5	23 19
T 29	3 26	4 52	4 52	4 19	2 14	11 47	0 21	19 9	3 16	20 6	0 46	19 24	2 5	23 19
F 30	3 50	8 48	5 3	3 35	2 12	12 15	0 18	19 6	3 14	20 6	0 46	19 24	2 5	23 18
S 31	4n13	12n23	5s 1	2s49	2s 9	12n42	0s16	19n 3	3n11	20n 6	0n46	19s23	2n 5	23s18

Julian Day Number = 2478632.5, Delta T = 82.51 sec  
Ecliptic obliquity = 23°25'41", Nutation = - 0°00'12", out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 25°46'35", Lahiri = 24°53'36"

# ASTRODIENST EPHEMERIS for the year 2074

## geocentric

APRIL 2074

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 38 56	11°38'19"	29°54'	29°41'	5°33'	16°08'	3°03'	6°R51	10°39'	17°06'	7°23'	9°R52	9°01'	14°28'	18°07'	S 1
M 2	12 42 53	12°37'34"	11°11'46"	1°32'	6°46'	16°12'	3°33'	6°49'	10°40'	17°06'	7°25'	9°045	8°58'	14°34'	18°10'	M 2
T 3	12 46 49	13°36'46"	23°43'	3°24'	8°00'	16°17'	3°34'	6°48'	10°40'	17°07'	7°26'	9°40'	8°55'	14°41'	18°13'	T 3
W 4	12 50 46	14°35'56"	5°048'	5°17'	9°13'	16°22'	3°35'	6°46'	10°41'	17°07'	7°28'	9°38'	8°51'	14°48'	18°17'	W 4
T 5	12 54 43	15°35'04"	18°07'	7°12'	10°27'	16°28'	3°36'	6°44'	10°41'	17°07'	7°29'	9°D38	8°48'	14°55'	18°20'	T 5
F 6	12 58 39	16°34'10"	0°046'	9°08'	11°40'	16°35'	3°38'	6°42'	10°42'	17°07'	7°30'	9°38'	8°45'	15°01'	18°24'	F 6
S 7	13 2 36	17°33'13"	13°47'	11°05'	12°53'	16°42'	3°39'	6°40'	10°42'	17°08'	7°32'	9°R38	8°42'	15°08'	18°27'	S 7
S 8	13 6 32	18°32'14"	27°17'	13°04'	14°07'	16°50'	3°41'	6°38'	10°43'	17°08'	7°33'	9°37'	8°39'	15°15'	18°31'	S 8
M 9	13 10 29	19°31'13"	11°16'16"	15°04'	15°20'	16°59'	3°43'	6°35'	10°43'	17°08'	7°35'	9°34'	8°35'	15°21'	18°35'	M 9
T 10	13 14 25	20°30'09"	25°43'	17°05'	16°33'	17°08'	3°45'	6°33'	10°43'	17°09'	7°36'	9°28'	8°32'	15°28'	18°38'	T 10
W 11	13 18 22	21°29'03"	10°235'	19°08'	17°46'	17°18'	3°47'	6°31'	10°43'	17°09'	7°38'	9°19'	8°29'	15°35'	18°42'	W 11
T 12	13 22 18	22°27'56"	25°43'	21°11'	18°59'	17°28'	3°49'	6°28'	10°43'	17°10'	7°39'	9°09'	8°26'	15°42'	18°45'	T 12
F 13	13 26 15	23°26'46"	10°048'	23°16'	20°13'	17°39'	3°52'	6°26'	10°44'	17°10'	7°41'	8°58'	8°23'	15°48'	18°49'	F 13
S 14	13 30 12	24°25'34"	26°08'	25°21'	21°26'	17°50'	3°55'	6°23'	10°R44	17°11'	7°42'	8°49'	8°20'	15°55'	18°52'	S 14
S 15	13 34 8	25°24'21"	11°17'4	27°27'	22°38'	18°02'	3°57'	6°20'	10°44'	17°11'	7°44'	8°41'	8°16'	16°02'	18°56'	S 15
M 16	13 38 5	26°23'06"	25°38'	29°34'	23°51'	18°15'	4°01'	6°17'	10°44'	17°12'	7°45'	8°35'	8°13'	16°09'	18°59'	M 16
T 17	13 42 1	27°21'49"	9°347'	1°41'	25°04'	18°28'	4°04'	6°14'	10°43'	17°13'	7°46'	8°32'	8°10'	16°15'	19°03'	T 17
W 18	13 45 58	28°20'31"	23°29'	3°47'	26°17'	18°41'	4°07'	6°11'	10°43'	17°13'	7°48'	8°31'	8°07'	16°22'	19°06'	W 18
T 19	13 49 54	29°19'11"	6°246'	5°54'	27°30'	18°55'	4°11'	6°08'	10°43'	17°14'	7°49'	8°31'	8°04'	16°29'	19°10'	T 19
F 20	13 53 51	0°1749'	19°43'	8°00'	28°43'	19°10'	4°15'	6°05'	10°43'	17°15'	7°51'	8°31'	8°01'	16°35'	19°13'	F 20
S 21	13 57 47	1°16'25"	2°121'	10°05'	29°55'	19°25'	4°19'	6°02'	10°43'	17°16'	7°52'	8°29'	7°57'	16°42'	19°17'	S 21
S 22	14 1 44	2°15'00"	14°46'	12°09'	1°11'8	19°40'	4°23'	5°59'	10°42'	17°16'	7°53'	8°25'	7°54'	16°49'	19°20'	S 22
M 23	14 5 41	3°13'33"	27°00'	14°11'	2°20'	19°56'	4°27'	5°55'	10°42'	17°17'	7°55'	8°18'	7°51'	16°56'	19°24'	M 23
T 24	14 9 37	4°12'05"	9°9'7	16°12'	3°33'	20°12'	4°32'	5°52'	10°41'	17°18'	7°56'	8°08'	7°48'	17°02'	19°27'	T 24
W 25	14 13 34	5°10'34"	21°07'	18°10'	4°45'	20°29'	4°36'	5°49'	10°41'	17°19'	7°57'	7°56'	7°45'	17°09'	19°31'	W 25
T 26	14 17 30	6°09'02"	3°3'3	20°06'	5°58'	20°46'	4°41'	5°45'	10°40'	17°20'	7°59'	7°42'	7°41'	17°16'	19°34'	T 26
F 27	14 21 27	7°07'28"	14°56'	21°59'	7°10'	21°04'	4°46'	5°41'	10°40'	17°21'	8°00'	7°27'	7°38'	17°22'	19°37'	F 27
S 28	14 25 23	8°05'52"	26°48'	23°50'	8°23'	21°22'	4°51'	5°38'	10°39'	17°22'	8°01'	7°13'	7°35'	17°29'	19°41'	S 28
S 29	14 29 20	9°04'15"	8°11'39"	25°37'	9°35'	21°40'	4°57'	5°34'	10°38'	17°23'	8°03'	7°02'	7°32'	17°36'	19°44'	S 29
M 30	14 33 16	10°02'35"	20°11'33"	27°02'20"	10°11'47"	21°05'59"	5°02'2	5°17'30"	10°37'	17°24"	8°04'	6°052	7°029	17°043	19°048	M 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	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	decl lat	
S 1	4n36	15n28	4s45	2s 3	2s 6	13n10	0s13	19n 0	3n 9	20n 5	0n46	19s23	2n 5	23s18	0s18	21n38
M 2	4 59	17 56	4 18	1 15	2 2	13 36	0 10	18 56	3 7	20 5	0 46	19 23	2 5	23 18	0 18	21 38
T 3	5 22	19 38	3 39	0 27	1 58	14 3	0 8	18 53	3 4	20 5	0 46	19 22	2 6	23 18	0 18	21 38
W 4	5 45	20 28	2 50	0n22	1 53	14 29	0 5	18 49	3 2	20 5	0 46	19 22	2 6	23 18	0 18	21 38
T 5	6 8	20 21	1 52	1 13	1 47	14 55	0 2	18 45	3 0	20 5	0 45	19 21	2 6	23 18	0 19	21 38
F 6	6 31	19 13	0 47	2 4	1 42	15 20	0n 1	18 41	2 57	20 4	0 45	19 21	2 6	23 18	0 19	21 38
S 7	6 53	17 2	0n22	2 56	1 35	15 45	0 3	18 36	2 55	20 4	0 45	19 20	2 6	23 18	0 19	21 38
S 8	7 16	13 51	1 32	3 48	1 28	16 10	0 6	18 32	2 53	20 3	0 45	19 20	2 6	23 18	0 19	21 38
M 9	7 38	9 48	2 39	4 41	1 21	16 34	0 9	18 27	2 51	20 3	0 45	19 19	2 6	23 18	0 19	21 38
T 10	8 0	5 3	3 39	5 35	1 13	16 58	0 12	18 22	2 48	20 2	0 45	19 19	2 6	23 18	0 19	21 38
W 11	8 22	0s 7	4 25	6 29	1 5	17 22	0 15	18 17	2 46	20 2	0 45	19 18	2 7	23 18	0 19	21 38
T 12	8 44	5 23	4 53	7 24	0 56	17 45	0 18	18 12	2 44	20 1	0 45	19 18	2 7	23 18	0 19	21 38
F 13	9 6	10 20	5 1	8 19	0 47	18 7	0 20	18 6	2 42	20 1	0 45	19 17	2 7	23 18	0 19	21 38
S 14	9 28	14 37	4 48	9 13	0 37	18 29	0 23	18 1	2 40	20 0	0 45	19 17	2 7	23 18	0 19	21 38
S 15	9 49	17 53	4 15	10 8	0 27	18 51	0 26	17 55	2 38	19 59	0 45	19 16	2 7	23 18	0 19	21 38
M 16	10 11	19 55	3 26	11 3	0 17	19 12	0 29	17 49	2 36	19 58	0 45	19 16	2 7	23 18	0 19	21 38
T 17	10 32	20 39	2 26	11 57	0 7	19 32	0 32	17 43	2 34	19 58	0 45	19 15	2 7	23 18	0 19	21 38
W 18	10 53	20 6	1 19	12 50	0n 4	19 53	0 35	17 37	2 31	19 57	0 45	19 15	2 7	23 18	0 19	21 38
T 19	11 14	18 25	0 9	13 43	0 15	20 12	0 38	17 31	2 29	19 56	0 45	19 14	2 7	23 19	0 19	21 38
F 20	11 34	15 50	0s59	14 35	0 26	20 31	0 40	17 24	2 27	19 55	0 45	19 13	2 7	23 19	0 19	21 37
S 21	11 55	12 32	2 2	15 25	0 37	20 50	0 43	17 18	2 25	19 54	0 45	19 13	2 7	23 19	0 19	21 37
S 22	12 15	8 45	2 59	16 14	0 48	21 8	0 46	17 11	2 23	19 53	0 45	19 12	2 8	23 19	0 19	21 37
M 23	12 35	4 39	3 46	17 1	0 58	21 25	0 49	17 4	2 21	19 52	0 45	19 11	2 8	23 19	0 19	21 37
T 24	12 55	0 25	4 22	17 46	1 9	21 42	0 52	16 57	2 20	19 51	0 45	19 11	2 8	23 19	0 19	21 37
W 25	13 14	3n48	4 47	18 30	1 19	21 58	0 54	16 50	2 18	19 49	0 45	19 10	2 8	23 19	0 19	21 37
T 26	13 34	7 51	4 58	19 11	1 29	22 14	0 57	16 42	2 16	19 48	0 45	19 9	2 8	23 19	0 19	21 37
F 27	13 53	11 35	4 57	19 50	1 38	22 29	1 0	16 35	2 14	19 47	0 45	19 9	2 8	23 19	0 19	21 37
S 28	14 12	14 51	4 42	20 27	1 47	22 43	1 2	16 27	2 12	19 46	0 44	19 8	2 8	23 19	0 19	21 37
S 29	14 31	17 31	4 16	21 1	1 55	22 57	1 5	16 20	2 10	19 44	0 44	19 7	2 8	23 19	0 19	21 37
M 30	14n49	19n28	3s38	21n32	2n 2	23n10	1n 8	16n12	2n 8	19n43	0n44	19s 7	2n 8	23s19	0s19	21n37

Julian Day Number = 2478663.5, Delta T = 82.54 sec  
 Ecliptic obliquity = 23°25'41", Nutation = - 0°00'14", out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 25°46'39, Lahiri = 24°53'40

ASTRODIENST EPHEMERIS for the year 2074  
geocentric

MAY 2074

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 37 13	11°05'3	2°31	29°0	11°59	22°18	5°8	5°R26	10°R37	17°25	8°Y 5	6°R46	7°26	17°49	19°Y51	T 1
W 2	14 41 10	11°59'10	14°38	0°37	13°11	22°38	5°13	5°A23	10°36	17°26	8° 7	6°42	7°22	17°56	19°54	W 2
T 3	14 45 6	12°57'24	26°56	2° 9	14°23	22°58	5°19	5°19	10°35	17°27	8° 8	6°41	7°19	18° 3	19°58	T 3
F 4	14 49 3	13°55'37	9°32	3°38	15°35	23°18	5°25	5°15	10°34	17°29	8° 9	6°41	7°16	18°10	20° 1	F 4
S 5	14 52 59	14°53'47	22°29	5° 2	16°47	23°39	5°31	5°11	10°33	17°30	8°10	6°40	7°13	18°16	20° 4	S 5
S 6	14 56 56	15°51'56	5°51	6°22	17°59	24° 0	5°38	5° 7	10°32	17°31	8°11	6°39	7°10	18°23	20° 8	S 6
M 7	15 0 52	16°50'02	19°43	7°38	19°11	24°21	5°44	5° 2	10°31	17°32	8°13	6°36	7° 7	18°30	20°11	M 7
T 8	15 4 49	17°48'06	4°4	8°50	20°22	24°43	5°51	4°58	10°30	17°34	8°14	6°30	7° 3	18°36	20°14	T 8
W 9	15 8 45	18°46'09	18°51	9°57	21°34	25° 5	5°58	4°54	10°29	17°35	8°15	6°22	7° 0	18°43	20°17	W 9
T 10	15 12 42	19°44'10	4°0	11° 0	22°46	25°27	6° 5	4°50	10°27	17°36	8°16	6°12	6°57	18°50	20°20	T 10
F 11	15 16 38	20°42'09	19°19	11°58	23°57	25°50	6°12	4°46	10°26	17°38	8°17	6° 2	6°54	18°57	20°24	F 11
S 12	15 20 35	21°40'06	4°A38	12°52	25° 9	26°13	6°19	4°41	10°25	17°39	8°19	5°52	6°51	19° 3	20°27	S 12
S 13	15 24 32	22°38'02	19°46	13°41	26°20	26°36	6°26	4°37	10°24	17°40	8°20	5°44	6°47	19°10	20°30	S 13
M14	15 28 28	23°35'57	4°33	14°25	27°31	27° 0	6°33	4°33	10°22	17°42	8°21	5°38	6°44	19°17	20°33	M14
T 15	15 32 25	24°33'51	18°53	15° 5	28°42	27°24	6°41	4°28	10°21	17°43	8°22	5°35	6°41	19°23	20°36	T 15
W16	15 36 21	25°31'43	2°44	15°40	29°54	27°48	6°49	4°24	10°19	17°45	8°23	5°D34	6°38	19°30	20°39	W16
T 17	15 40 18	26°29'34	16° 8	16° 9	1°5	28°12	6°57	4°20	10°18	17°46	8°24	5°35	6°35	19°37	20°42	T 17
F 18	15 44 14	27°27'24	29° 6	16°34	2°16	28°37	7° 4	4°15	10°16	17°48	8°25	5°R35	6°32	19°44	20°45	F 18
S 19	15 48 11	28°25'12	11°44	16°54	3°27	29° 1	7°13	4°11	10°15	17°49	8°26	5°34	6°28	19°50	20°48	S 19
S 20	15 52 8	29°23'00	24° 4	17°10	4°37	29°27	7°21	4° 6	10°13	17°51	8°27	5°31	6°25	19°57	20°51	S 20
M21	15 56 4	0°11'20	6°Y13	17°20	5°48	29°52	7°29	4° 2	10°11	17°53	8°28	5°26	6°22	20° 4	20°54	M21
T 22	16 0 1	1°18'31	18°13	17°25	6°59	0°18	7°37	3°57	10°10	17°54	8°29	5°18	6°19	20°11	20°57	T 22
W23	16 3 57	2°16'15	0°8	17°R26	8°10	0°44	7°46	3°53	10° 8	17°56	8°30	5° 8	6°16	20°17	21° 0	W23
T 24	16 7 54	3°13'58	12° 0	17°22	9°20	1°10	7°55	3°49	10° 6	17°58	8°31	4°57	6°12	20°24	21° 3	T 24
F 25	16 11 50	4°11'40	23°51	17°14	10°31	1°36	8° 3	3°44	10° 4	17°59	8°32	4°46	6° 9	20°31	21° 5	F 25
S 26	16 15 47	5° 9'20	5°II44	17° 1	11°41	2° 3	8°12	3°40	10° 3	18° 1	8°33	4°34	6° 6	20°37	21° 8	S 26
S 27	16 19 43	6° 6'59	17°39	16°44	12°51	2°30	8°21	3°35	10° 1	18° 3	8°34	4°25	6° 3	20°44	21°11	S 27
M28	16 23 40	7° 4'37	29°38	16°24	14° 2	2°57	8°30	3°31	9°59	18° 5	8°35	4°17	6° 0	20°51	21°14	M28
T 29	16 27 37	8° 2'14	11°543	16° 0	15°12	3°24	8°40	3°26	9°57	18° 6	8°36	4°12	5°57	20°58	21°16	T 29
W30	16 31 33	8°59'50	23°57	15°33	16°22	3°51	8°49	3°22	9°55	18° 8	8°36	4°10	5°53	21° 4	21°19	W30
T 31	16 35 30	9°II57'24	6°21	15°II 4	17°532	4°19	8°58	3°A17	9°53	18°10	8°Y37	4°D 9	5°50	21°11	21°Y21	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	15n 7	20n34	2s50	22n 2	2n 9	23n23	1n10	16n 4	2n 7	19n42	0n44	19s 6	2n 8	23s19	0s19	21n36
W 2	15 25	20 44	1 54	22 28	2 15	23 35	1 13	15 56	2 5	19 40	0 44	19 5	2 8	23 19	0 19	21 36
T 3	15 43	19 55	0 51	22 53	2 20	23 46	1 16	15 47	2 3	19 39	0 44	19 4	2 8	23 20	0 19	21 36
F 4	16 1	18 6	0n15	23 14	2 25	23 57	1 18	15 39	2 1	19 37	0 44	19 4	2 8	23 20	0 19	21 36
S 5	16 18	15 19	1 23	23 34	2 28	24 6	1 21	15 31	1 59	19 36	0 44	19 3	2 8	23 20	0 19	21 36
S 6	16 35	11 39	2 28	23 50	2 31	24 16	1 23	15 22	1 58	19 34	0 44	19 2	2 8	23 20	0 19	21 36
M 7	16 51	7 14	3 27	24 5	2 33	24 24	1 25	15 13	1 56	19 32	0 44	19 1	2 8	23 20	0 19	21 36
T 8	17 8	2 17	4 15	24 17	2 33	24 32	1 28	15 4	1 54	19 31	0 44	19 1	2 8	23 20	0 19	21 36
W 9	17 24	2s57	4 47	24 28	2 33	24 39	1 30	14 55	1 53	19 29	0 44	19 0	2 8	23 20	0 19	21 35
T 10	17 40	8 7	5 1	24 36	2 32	24 46	1 32	14 46	1 51	19 27	0 44	18 59	2 8	23 20	0 19	21 35
F 11	17 55	12 51	4 53	24 41	2 30	24 52	1 34	14 37	1 49	19 26	0 44	18 58	2 8	23 20	0 19	21 35
S 12	18 10	16 43	4 24	24 45	2 27	24 57	1 37	14 28	1 48	19 24	0 44	18 58	2 8	23 21	0 19	21 35
S 13	18 25	19 25	3 37	24 47	2 23	25 1	1 39	14 18	1 46	19 22	0 44	18 57	2 8	23 21	0 19	21 35
M14	18 40	20 44	2 37	24 48	2 17	25 5	1 41	14 9	1 45	19 20	0 44	18 56	2 8	23 21	0 19	21 35
T 15	18 54	20 39	1 27	24 46	2 11	25 8	1 43	13 59	1 43	19 18	0 44	18 55	2 8	23 21	0 19	21 35
W16	19 8	19 18	0 55	24 42	2 4	25 10	1 45	13 49	1 42	19 16	0 44	18 55	2 8	23 21	0 19	21 34
T 17	19 22	16 53	0s16	24 37	1 55	25 12	1 47	13 39	1 40	19 14	0 44	18 54	2 8	23 21	0 20	21 34
F 18	19 35	13 41	2 2	24 31	1 46	25 13	1 48	13 29	1 39	19 12	0 44	18 53	2 8	23 21	0 20	21 34
S 19	19 48	9 56	3 0	24 22	1 36	25 13	1 50	13 19	1 37	19 10	0 44	18 52	2 8	23 21	0 20	21 34
S 20	20 1	5 50	3 48	24 12	1 24	25 12	1 52	13 9	1 36	19 8	0 44	18 51	2 8	23 22	0 20	21 34
M21	20 13	1 35	4 25	24 1	1 12	25 11	1 53	12 59	1 34	19 6	0 44	18 51	2 8	23 22	0 20	21 34
T 22	20 25	2n40	4 50	23 48	0 59	25 9	1 55	12 48	1 33	19 3	0 44	18 50	2 8	23 22	0 20	21 33
W23	20 36	6 48	5 2	23 34	0 45	25 7	1 56	12 38	1 31	19 1	0 44	18 49	2 8	23 22	0 20	21 33
T 24	20 48	10 39	5 1	23 19	0 30	25 3	1 58	12 27	1 30	18 59	0 44	18 48	2 8	23 22	0 20	21 33
F 25	20 58	14 6	4 47	23 3	0 14	24 59	1 59	12 16	1 28	18 57	0 44	18 48	2 8	23 22	0 20	21 33
S 26	21 9	16 59	4 20	22 45	0s 2	24 55	2 0	12 6	1 27	18 54	0 43	18 47	2 8	23 23	0 20	21 33
S 27	21 19	19 10	3 42	22 27	0 19	24 49	2 1	11 55	1 26	18 52	0 43	18 46	2 8	23 23	0 20	21 32
M28	21 29	20 32	2 54	22 8	0 36	24 43	2 2	11 44	1 24	18 50	0 43	18 45	2 8	23 23	0 20	21 32
T 29	21 38	20 58	1 57	21 48	0 54	24 36	2 3	11 32	1 23	18 47	0 43	18 44	2 8	23 23	0 20	21 32
W30	21 47	20 25	0 55	21 28	1 11	24 29	2 4	11 21	1 21	18 45	0 43	18 44	2 8	23 23	0 20	21 32
T 31	21n56	18n52	0n12	21n 8	1s29	24n21	2n 5	11n10	1n20	18n42	0n43	18s43	2n 8	23s23	0s20	21n31

Julian Day Number = 2478693.5, Delta T = 82.57 sec  
Ecliptic obliquity = 23°25'41, Nutation = - 0°00'15, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 25°46'44, Lahiri = 24°53'44

ASTRODIENST EPHEMERIS for the year 2074  
geocentric

JUNE 2074

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 39 26	10 <sup>II</sup> 54'57	19 <sup>♂</sup> 1	14 <sup>♂</sup> R33	18 <sup>♂</sup> 42	4 <sup>♂</sup> 47	9 <sup>♂</sup> 8	3 <sup>♂</sup> R13	9 <sup>♂</sup> R51	18 <sup>♂</sup> 12	8 <sup>♂</sup> Y38	4 <sup>♂</sup> ♂10	5 <sup>♂</sup> ♂47	21 <sup>♂</sup> ♂18	21 <sup>♂</sup> Y24	F 1
S 2	16 43 23	11°52'28	1 <sup>♂</sup> ♂59	14 <sup>♂</sup> II 1	19°51	5°15	9°17	3 <sup>♂</sup> ♂ 9	9 <sup>♂</sup> ♂49	18°14	8°39	4°11	5°44	21°24	21°26	S 2
S 3	16 47 19	12°49'58	15°19	13°27	21° 1	5°43	9°27	3° 4	9°47	18°16	8°40	4°R11	5°41	21°31	21°29	S 3
M 4	16 51 16	13°47'27	29° 3	12°54	22°11	6°12	9°37	3° 0	9°45	18°17	8°40	4°10	5°38	21°38	21°31	M 4
T 5	16 55 12	14°44'54	13 <sup>♂</sup> ♂13	12°20	23°20	6°41	9°47	2°55	9°43	18°19	8°41	4° 7	5°34	21°45	21°34	T 5
W 6	16 59 9	15°42'21	27°47	11°48	24°30	7°10	9°57	2°51	9°41	18°21	8°42	4° 3	5°31	21°51	21°36	W 6
T 7	17 3 5	16°39'46	12 <sup>♂</sup> ♂41	11°17	25°39	7°39	10° 7	2°47	9°38	18°23	8°42	3°56	5°28	21°58	21°39	T 7
F 8	17 7 2	17°37'10	27°48	10°48	26°48	8° 8	10°17	2°43	9°36	18°25	8°43	3°50	5°25	22° 5	21°41	F 8
S 9	17 10 59	18°34'33	12 <sup>♂</sup> ♂59	10°21	27°57	8°37	10°27	2°38	9°34	18°27	8°44	3°43	5°22	22°11	21°43	S 9
S 10	17 14 55	19°31'55	28° 3	9°57	29° 6	9° 7	10°38	2°34	9°32	18°29	8°44	3°38	5°18	22°18	21°45	S 10
M 11	17 18 52	20°29'17	12 <sup>♂</sup> ♂51	9°37	0 <sup>♂</sup> ♂15	9°37	10°48	2°30	9°30	18°31	8°45	3°34	5°15	22°25	21°48	M 11
T 12	17 22 48	21°26'38	27°15	9°20	1°24	10° 7	10°59	2°26	9°27	18°33	8°46	3°D33	5°12	22°32	21°50	T 12
W 13	17 26 45	22°23'58	11 <sup>♂</sup> ♂13	9° 7	2°32	10°37	11° 9	2°22	9°25	18°35	8°46	3°33	5° 9	22°38	21°52	W 13
T 14	17 30 41	23°21'18	24°44	8°58	3°41	11° 7	11°20	2°18	9°23	18°37	8°47	3°34	5° 6	22°45	21°54	T 14
F 15	17 34 38	24°18'37	7 <sup>♂</sup> ♂48	8°54	4°49	11°38	11°31	2°14	9°20	18°39	8°47	3°35	5° 3	22°52	21°56	F 15
S 16	17 38 35	25°15'56	20°29	8°D53	5°57	12° 8	11°41	2°10	9°18	18°41	8°48	3°R36	4°59	22°58	21°58	S 16
S 17	17 42 31	26°13'14	2 <sup>♂</sup> ♂52	8°58	7° 5	12°39	11°52	2° 6	9°16	18°43	8°48	3°36	4°56	23° 5	22° 0	S 17
M 18	17 46 28	27°10'33	15° 1	9° 7	8°13	13°10	12° 3	2° 2	9°13	18°46	8°49	3°35	4°53	23°12	22° 2	M 18
T 19	17 50 24	28° 7'50	27° 0	9°20	9°21	13°41	12°14	1°58	9°11	18°48	8°49	3°31	4°50	23°19	22° 3	T 19
W 20	17 54 21	29° 5'08	8 <sup>♂</sup> ♂53	9°39	10°29	14°12	12°25	1°55	9° 9	18°50	8°50	3°27	4°47	23°25	22° 5	W 20
T 21	17 58 17	0 <sup>♂</sup> ♂ 2'25	20°44	10° 1	11°36	14°44	12°37	1°51	9° 6	18°52	8°50	3°21	4°44	23°32	22° 7	T 21
F 22	18 2 14	0°59'42	2 <sup>♂</sup> ♂36	10°29	12°44	15°15	12°48	1°47	9° 4	18°54	8°50	3°16	4°40	23°39	22° 9	F 22
S 23	18 6 10	1°56'59	14°32	11° 1	13°51	15°47	12°59	1°44	9° 2	18°56	8°51	3°10	4°37	23°45	22°10	S 23
S 24	18 10 7	2°54'15	26°33	11°37	14°58	16°19	13°11	1°40	8°59	18°58	8°51	3° 5	4°34	23°52	22°12	S 24
M 25	18 14 4	3°51'31	8 <sup>♂</sup> ♂42	12°18	16° 5	16°51	13°22	1°37	8°57	19° 0	8°51	3° 2	4°31	23°59	22°14	M 25
T 26	18 18 0	4°48'47	20°59	13° 3	17°12	17°23	13°34	1°33	8°54	19° 3	8°52	3° 0	4°28	24° 6	22°15	T 26
W 27	18 21 57	5°46'03	3 <sup>♂</sup> ♂27	13°52	18°19	17°55	13°45	1°30	8°52	19° 5	8°52	2°D59	4°24	24°12	22°17	W 27
T 28	18 25 53	6°43'17	16° 6	14°45	19°25	18°27	13°57	1°27	8°49	19° 7	8°52	3° 0	4°21	24°19	22°18	T 28
F 29	18 29 50	7°40'32	28°59	15°43	20°32	19° 0	14° 9	1°24	8°47	19° 9	8°52	3° 1	4°18	24°26	22°19	F 29
S 30	18 33 46	8 <sup>♂</sup> ♂37'46	12 <sup>♂</sup> ♂ 7	16 <sup>♂</sup> II 45	21 <sup>♂</sup> ♂38	19 <sup>♂</sup> ♂33	14 <sup>♂</sup> ♂20	1 <sup>♂</sup> ♂21	8 <sup>♂</sup> ♂45	19 <sup>♂</sup> ♂11	8 <sup>♂</sup> ♂Y53	3 <sup>♂</sup> ♂ 3	4 <sup>♂</sup> ♂15	24 <sup>♂</sup> ♂32	22 <sup>♂</sup> ♂21	S 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
F 1	22n 4	16n22	1n19	20n47	1s46	24n12	2n 6	10n58	1n19	18n40	0n43	18s42	2n 8	23s23	0s20	21n31	0s41	11s44	16s30	19n12	18n49	13n17	9n34	1n19	
S 2	22 12	13 0	2 24	20 26	2 3	24 3	2 7	10 47	1 17	18 37	0 43	18 41	2 7	23 24	0 20	21 31	0 41	11 44	16 31	19 12	18 50	13 19	9 35	1 19	
S 3	22 20	8 54	3 23	20 6	2 19	23 53	2 7	10 35	1 16	18 35	0 43	18 41	2 7	23 24	0 20	21 31	0 41	11 44	16 31	19 12	18 51	13 21	9 35	1 19	
M 4	22 27	4 14	4 12	19 46	2 35	23 42	2 8	10 24	1 15	18 32	0 43	18 40	2 7	23 24	0 20	21 31	0 41	11 44	16 31	19 12	18 51	13 23	9 36	1 19	
T 5	22 33	0s48	4 48	19 27	2 50	23 31	2 8	10 12	1 14	18 29	0 43	18 39	2 7	23 24	0 20	21 30	0 41	11 44	16 32	19 13	18 52	13 25	9 37	1 19	
W 6	22 40	5 55	5 6	19 9	3 4	23 19	2 8	10 0	1 12	18 27	0 43	18 39	2 7	23 24	0 20	21 30	0 41	11 44	16 32	19 14	18 53	13 27	9 38	1 19	
T 7	22 46	10 48	5 4	18 52	3 17	23 7	2 9	9 48	1 11	18 24	0 43	18 38	2 7	23 25	0 20	21 30	0 41	11 44	16 32	19 16	18 54	13 29	9 39	1 19	
F 8	22 51	15 5	4 41	18 36	3 29	22 53	2 9	9 36	1 10	18 21	0 43	18 37	2 7	23 25	0 20	21 30	0 40	11 44	16 33	19 17	18 54	13 31	9 40	1 19	
S 9	22 56	18 24	3 59	18 22	3 40	22 40	2 9	9 23	1 9	18 18	0 43	18 36	2 7	23 25	0 20	21 29	0 40	11 45	16 33	19 19	18 55	13 33	9 41	1 19	
S 10	23 1	20 25	3 0	18 9	3 49	22 26	2 9	9 11	1 7	18 15	0 43	18 36	2 7	23 25	0 20	21 29	0 40	11 45	16 33	19 20	18 56	13 34	9 41	1 19	
M11	23 5	20 59	1 50	17 58	3 57	22 11	2 8	8 59	1 6	18 13	0 43	18 35	2 6	23 25	0 20	21 29	0 40	11 45	16 34	19 21	18 57	13 36	9 42	1 19	
T 12	23 9	20 9	0 34	17 49	4 4	21 55	2 8	8 46	1 5	18 10	0 43	18 34	2 6	23 25	0 20	21 29	0 40	11 45	16 34	19 21	18 58	13 38	9 43	1 19	
W13	23 13	18 4	0s42	17 42	4 10	21 39	2 8	8 34	1 4	18 7	0 43	18 34	2 6	23 26	0 20	21 28	0 40	11 45	16 34	19 21	18 58	13 40	9 44	1 19	
T 14	23 16	15 2	1 52	17 36	4 14	21 23	2 7	8 21	1 2	18 4	0 43	18 33	2 6	23 26	0 20	21 28	0 40	11 45	16 35	19 21	18 59	13 42	9 45	1 19	
F 15	23 18	11 21	2 55	17 32	4 17	21 6	2 7	8 9	1 1	18 1	0 43	18 32	2 6	23 26	0 20	21 28	0 40	11 45	16 35	19 21	19 0	13 44	9 45	1 19	
S 16	23 21	7 15	3 47	17 31	4 18	20 48	2 6	7 56	1 0	17 58	0 43	18 32	2 6	23 26	0 20	21 28	0 40	11 45	16 35	19 20	19 1	13 46	9 46	1 19	
S 17	23 22	2 57	4 28	17 31	4 19	20 30	2 5	7 43	0 59	17 55	0 43	18 31	2 6	23 26	0 20	21 27	0 40	11 45	16 36	19 20	19 1	13 48	9 47	1 19	
M18	23 24	1n22	4 55	17 33	4 18	20 12	2 4	7 30	0 58	17 52	0 43	18 31	2 5	23 26	0 20	21 27	0 40	11 46	16 36	19 21	19 2	13 50	9 48	1 19	
T 19	23 25	5 35	5 9	17 37	4 16	19 53	2 3	7 17	0 57	17 49	0 43	18 30	2 5	23 27	0 20	21 27	0 40	11 46	16 36	19 21	19 3	13 52	9 48	1 19	
W20	23 25	9 33	5 10	17 43	4 13	19 33	2 2	7 4	0 56	17 45	0 43	18 29	2 5	23 27	0 20	21 26	0 40	11 46	16 37	19 22	19 4	13 54	9 49	1 19	
T 21	23 26	13 9	4 57	17 50	4 9	19 14	2 1	6 51	0 54	17 42	0 43	18 29	2 5	23 27	0 20	21 26	0 40	11 46	16 37	19 24	19 4	13 56	9 50	1 19	
F 22	23 25	16 14	4 32	17 58	4 5	18 53	1 59	6 38	0 53	17 39	0 43	18 28	2 5	23 27	0 20	21 26	0 40	11 46	16 38	19 25	19 5	13 57	9 50	1 19	
S 23	23 25	18 39	3 54	18 8	3 59	18 32	1 58	6 24	0 52	17 36	0 43	18 28	2 5	23 27	0 20	21 26	0 40	11 46	16 38	19 26	19 6	13 59	9 51	1 19	
S 24	23 24	20 17	3 6	18 20	3 52	18 11	1 56	6 11	0 51	17 33	0 43	18 27	2 5	23 28	0 20	21 25	0 40	11 47	16 38	19 27	19 7	14 1	9 51	1 19	
M25	23 22	21 0	2 9	18 32	3 45	17 50	1 54	5 58	0 50	17 29	0 43	18 27	2 4	23 28	0 20	21 25	0 40	11 47	16 39	19 28	19 7	14 3	9 52	1 19	
T 26	23 20	20 43	1 5	18 46	3 37	17 28	1 53	5 44	0 49	17 26	0 43	18 26	2 4	23 28	0 20	21 25	0 40	11 47	16 39	19 29	19 8	14 5	9 53	1 19	
W27	23 18	19 25	0n 2	19 1	3 28	17 5	1 51	5 30	0 48	17 23	0 43	18 26	2 4	23 28	0 20	21 25	0 40	11 47	16 39	19 29	19 9	14 7	9 53	1 19	
T 28	23 15	17 8	1 11	19 16	3 19	16 42	1 49	5 17	0 47	17 19	0 43	18 25	2 4	23 28	0 20	21 24	0 40	11 48	16 40	19 29	19 10	14 9	9 54	1 19	
F 29	23 12	13 59	2 18	19 32	3 9	16 19	1 46	5 3	0 46	17 16	0 43	18 25	2 4	23 28	0 20	21 24	0 40	11 48	16 40	19 28	19 10	14 11	9 54	1 19	
S 30	23n 9	10n 4	3n19	19n49	2s58	15n56	1n44	4n49	0n45	17n13	0n43	18s24	2n 3	23s29	0s20	21n24	0s40	11s48	16s41	19n28	19n11	14n13	9n55	1n19	



# ASTRODIENST EPHEMERIS for the year 2074

## geocentric

JULY 2074

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 37 43	9°34'59	25°32	17°51	22°44	20°5	14°32	1°R18	8°R42	19°14	8°V53	3°R 4	4°R12	24°B39	22°V22	S 1
M 2	18 41 39	10°32'12	9°15	19° 0	23°50	20°38	14°44	1°R15	8°B40	19°16	8°53	3°R 5	4° 9	24°46	22°23	M 2
T 3	18 45 36	11°29'25	23°17	20°14	24°55	21°11	14°56	1°12	8°37	19°18	8°53	3° 4	4° 5	24°53	22°24	T 3
W 4	18 49 33	12°26'37	7°13	21°31	26° 1	21°45	15° 8	1° 9	8°35	19°20	8°53	3° 3	4° 2	24°59	22°26	W 4
T 5	18 53 29	13°23'49	22°13	22°53	27° 6	22°18	15°20	1° 6	8°32	19°22	8°53	3° 1	3°59	25° 6	22°27	T 5
F 6	18 57 26	14°21'01	6°15	24°18	28°11	22°51	15°32	1° 4	8°30	19°25	8°53	2°59	3°56	25°13	22°28	F 6
S 7	19 1 22	15°18'12	21°47	25°47	29°16	23°25	15°44	1° 1	8°28	19°27	8°53	2°56	3°53	25°19	22°29	S 7
S 8	19 5 19	16°15'24	6°32	27°19	0°21	23°59	15°56	0°59	8°25	19°29	8°53	2°55	3°50	25°26	22°30	S 8
M 9	19 9 15	17°12'35	21° 6	28°55	1°25	24°32	16° 9	0°56	8°23	19°31	8°R53	2°54	3°46	25°33	22°31	M 9
T 10	19 13 12	18° 9'47	5°23	0°35	2°29	25° 6	16°21	0°54	8°20	19°34	8°53	2°D53	3°43	25°40	22°31	T 10
W11	19 17 8	19° 6'58	19°18	2°18	3°33	25°40	16°33	0°52	8°18	19°36	8°53	2°54	3°40	25°46	22°32	W11
T 12	19 21 5	20° 4'10	2°10	4° 4	4°37	26°14	16°46	0°49	8°16	19°38	8°53	2°55	3°37	25°53	22°33	T 12
F 13	19 25 2	21° 1'23	15°57	5°54	5°41	26°49	16°58	0°47	8°13	19°40	8°53	2°56	3°34	26° 0	22°34	F 13
S 14	19 28 58	21°58'36	28°42	7°46	6°44	27°23	17°11	0°45	8°11	19°43	8°53	2°57	3°30	26° 6	22°34	S 14
S 15	19 32 55	22°55'49	11°V 9	9°41	7°47	27°57	17°23	0°43	8° 9	19°45	8°53	2°57	3°27	26°13	22°35	S 15
M16	19 36 51	23°53'03	23°20	11°39	8°50	28°32	17°36	0°42	8° 6	19°47	8°53	2°R58	3°24	26°20	22°35	M16
T 17	19 40 48	24°50'17	5°B20	13°39	9°52	29° 7	17°48	0°40	8° 4	19°49	8°53	2°57	3°21	26°27	22°36	T 17
W18	19 44 44	25°47'33	17°14	15°41	10°54	29°41	18° 1	0°38	8° 2	19°51	8°52	2°57	3°18	26°33	22°36	W18
T 19	19 48 41	26°44'48	29° 6	17°45	11°56	0°16	18°13	0°37	7°59	19°54	8°52	2°56	3°15	26°40	22°37	T 19
F 20	19 52 37	27°42'05	11°II 0	19°50	12°58	0°51	18°26	0°35	7°57	19°56	8°52	2°55	3°11	26°47	22°37	F 20
S 21	19 56 34	28°39'22	22°59	21°56	13°59	1°26	18°39	0°34	7°55	19°58	8°52	2°55	3° 8	26°53	22°37	S 21
S 22	20 0 31	29°36'40	5°B 8	24° 4	15° 0	2° 2	18°51	0°33	7°53	20° 0	8°51	2°54	3° 5	27° 0	22°37	S 22
M23	20 4 27	0°L33'58	17°27	26°11	16° 1	2°37	19° 4	0°31	7°50	20° 2	8°51	2°54	3° 2	27° 7	22°38	M23
T 24	20 8 24	1°31'17	29°59	28°19	17° 2	3°13	19°17	0°30	7°48	20° 5	8°51	2°D54	2°59	27°14	22°38	T 24
W25	20 12 20	2°28'37	12°L46	0°L27	18° 2	3°48	19°30	0°29	7°46	20° 7	8°50	2°R54	2°56	27°20	22°38	W25
T 26	20 16 17	3°25'57	25°46	2°34	19° 1	4°24	19°43	0°29	7°44	20° 9	8°50	2°54	2°52	27°27	22°R38	T 26
F 27	20 20 13	4°23'18	9°10	4°41	20° 1	5° 0	19°56	0°28	7°42	20°11	8°50	2°54	2°49	27°34	22°38	F 27
S 28	20 24 10	5°20'39	22°28	6°47	21° 0	5°35	20° 8	0°27	7°40	20°13	8°49	2°54	2°46	27°40	22°38	S 28
S 29	20 28 6	6°18'00	6°L 8	8°52	21°58	6°11	20°21	0°26	7°38	20°16	8°49	2°54	2°43	27°47	22°38	S 29
M30	20 32 3	7°15'22	20° 1	10°55	22°57	6°47	20°34	0°26	7°36	20°18	8°48	2°53	2°40	27°54	22°37	M30
T 31	20 36 0	8°12'45	4°L 4	12°L58	23°55	7°L24	20°L47	0°L26	7°B34	20°L20	8°V48	2°D53	2°L36	28°B 1	22°V37	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	23n 5	5n36	4n10	20n 6	2s47	15n32	1n42	4n35	0n44	17n 9	0n43	18s24	2n 3	23s29	0s20	21n23
M 2	23 1	0 45	4 48	20 23	2 36	15 8	1 39	4 22	0 43	17 6	0 43	18 23	2 3	23 29	0 20	21 23
T 3	22 56	4s14	5 10	20 40	2 24	14 43	1 37	4 8	0 42	17 2	0 43	18 23	2 3	23 29	0 20	21 23
W 4	22 51	9 6	5 14	20 57	2 12	14 19	1 34	3 54	0 40	16 59	0 43	18 23	2 3	23 29	0 20	21 22
T 5	22 45	13 31	4 58	21 14	2 0	13 54	1 31	3 40	0 39	16 55	0 43	18 22	2 2	23 29	0 20	21 22
F 6	22 39	17 10	4 21	21 31	1 48	13 28	1 28	3 25	0 38	16 52	0 43	18 22	2 2	23 30	0 20	21 22
S 7	22 33	19 43	3 28	21 47	1 35	13 3	1 25	3 11	0 37	16 48	0 43	18 22	2 2	23 30	0 20	21 22
S 8	22 26	20 56	2 20	22 2	1 22	12 37	1 21	2 57	0 36	16 44	0 43	18 21	2 2	23 30	0 20	21 21
M 9	22 19	20 42	1 5	22 16	1 10	12 11	1 18	2 43	0 35	16 41	0 43	18 21	2 2	23 30	0 20	21 21
T 10	22 12	19 8	0s14	22 29	0 57	11 45	1 15	2 28	0 34	16 37	0 43	18 21	2 1	23 30	0 20	21 21
W11	22 4	16 27	1 30	22 40	0 44	11 18	1 11	2 14	0 34	16 33	0 43	18 21	2 1	23 30	0 20	21 20
T 12	21 56	12 55	2 38	22 50	0 31	10 51	1 7	2 0	0 33	16 30	0 43	18 20	2 1	23 30	0 20	21 20
F 13	21 47	8 52	3 36	22 59	0 19	10 24	1 3	1 45	0 32	16 26	0 43	18 20	2 1	23 31	0 20	21 20
S 14	21 38	4 31	4 22	23 5	0 7	9 57	0 59	1 31	0 31	16 22	0 43	18 20	2 1	23 31	0 20	21 19
S 15	21 29	0 6	4 54	23 9	0n 5	9 30	0 55	1 16	0 30	16 18	0 43	18 20	2 0	23 31	0 20	21 19
M16	21 19	4n13	5 12	23 11	0 16	9 3	0 51	1 1	0 29	16 15	0 43	18 20	2 0	23 31	0 20	21 19
T 17	21 9	8n19	5 16	23 11	0 27	8 35	0 47	0 47	0 28	16 11	0 43	18 20	2 0	23 31	0 20	21 18
W18	20 59	12 3	5 7	23 7	0 37	8 7	0 42	0 32	0 27	16 7	0 44	18 19	2 0	23 31	0 20	21 18
T 19	20 48	15 19	4 44	23 2	0 47	7 39	0 37	0 17	0 26	16 3	0 44	18 19	1 59	23 32	0 20	21 18
F 20	20 37	17 58	4 10	22 53	0 56	7 12	0 33	0 2	0 25	15 59	0 44	18 19	1 59	23 32	0 20	21 17
S 21	20 25	19 51	3 24	22 42	1 5	6 43	0 28	0s12	0 24	15 55	0 44	18 19	1 59	23 32	0 20	21 17
S 22	20 13	20 52	2 28	22 28	1 12	6 15	0 23	0 27	0 23	15 51	0 44	18 19	1 59	23 32	0 20	21 17
M23	20 1	20 53	1 25	22 12	1 19	5 47	0 18	0 42	0 22	15 47	0 44	18 19	1 58	23 32	0 20	21 17
T 24	19 49	19 53	0 16	21 53	1 25	5 19	0 12	0 57	0 21	15 43	0 44	18 19	1 58	23 32	0 20	21 16
W25	19 36	17 51	0n54	21 31	1 31	4 50	0 7	1 12	0 20	15 39	0 44	18 19	1 58	23 32	0 20	21 16
T 26	19 23	14 52	2 3	21 7	1 35	4 22	0 2	1 27	0 20	15 35	0 44	18 19	1 58	23 32	0 20	21 16
F 27	19 9	11 5	3 7	20 41	1 39	3 54	0s 4	1 42	0 19	15 31	0 44	18 19	1 58	23 33	0 20	21 15
S 28	18 55	6 41	4 2	20 13	1 42	3 25	0 10	1 57	0 18	15 27	0 44	18 19	1 57	23 33	0 20	21 15
S 29	18 41	1 54	4 43	19 43	1 44	2 57	0 16	2 12	0 17	15 23	0 44	18 20	1 57	23 33	0 20	21 15
M30	18 27	3s 3	5 9	19 11	1 46	2 28	0 21	2 27	0 16	15 19	0 44	18 20	1 57	23 33	0 20	21 14
T 31	18n12	7s54	5n17	18n37	1n47	2n 0	0s28	2s42	0n15	15n15	0n44	18s20	1n57	23s33	0s20	21n14

Julian Day Number = 2478754.5, Delta T = 82.63 sec  
 Ecliptic obliquity = 23°25'41, Nutation = - 0°00'14, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 25°46'52, Lahiri = 24°53'52



ASTRODIENST EPHEMERIS for the year 2074  
geocentric

AUGUST 2074

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	20 39 56	9♏10'08	18♌17	14♏59	24♎52	8♏ 0	21♏ 0	0°R25	7°R32	20♏22	8°R47	2♏53	2♏33	28♏ 7	22°R37	W 1
T 2	20 43 53	10° 7'31	2♏35	16°59	25°49	8°36	21°13	0°R25	7°R30	20°24	8°Y47	2°53	2°30	28°14	22°Y36	T 2
F 3	20 47 49	11° 4'55	16°58	18°58	26°46	9°13	21°26	0°25	7°28	20°26	8°46	2°54	2°27	28°21	22°36	F 3
S 4	20 51 46	12° 2'20	1♏21	20°55	27°42	9°49	21°39	0°D25	7°26	20°28	8°46	2°55	2°24	28°27	22°36	S 4
S 5	20 55 42	12°59'46	15°39	22°50	28°37	10°26	21°52	0°25	7°24	20°30	8°45	2°55	2°21	28°34	22°35	S 5
M 6	20 59 39	13°57'12	29°49	24°44	29°32	11° 3	22° 5	0°25	7°23	20°33	8°45	2°R56	2°17	28°41	22°34	M 6
T 7	21 3 35	14°54'39	13♏47	26°36	0♏27	11°39	22°18	0°25	7°21	20°35	8°44	2°56	2°14	28°48	22°34	T 7
W 8	21 7 32	15°52'07	27°28	28°27	1°21	12°16	22°32	0°26	7°19	20°37	8°44	2°55	2°11	28°54	22°33	W 8
T 9	21 11 29	16°49'37	10♏52	0♎16	2°14	12°53	22°45	0°26	7°17	20°39	8°43	2°53	2° 8	29° 1	22°32	T 9
F 10	21 15 25	17°47'07	23°55	2° 4	3° 7	13°30	22°58	0°27	7°16	20°41	8°42	2°51	2° 5	29° 8	22°32	F 10
S 11	21 19 22	18°44'38	6°Y40	3°50	4° 0	14° 8	23°11	0°27	7°14	20°43	8°42	2°49	2° 2	29°14	22°31	S 11
S 12	21 23 18	19°42'11	19° 6	5°34	4°51	14°45	23°24	0°28	7°12	20°45	8°41	2°47	1°58	29°21	22°30	S 12
M13	21 27 15	20°39'45	1♏19	7°17	5°43	15°22	23°37	0°29	7°11	20°47	8°40	2°45	1°55	29°28	22°29	M13
T 14	21 31 11	21°37'21	13°20	8°59	6°33	16° 0	23°50	0°30	7° 9	20°49	8°39	2°44	1°52	29°34	22°28	T 14
W15	21 35 8	22°34'58	25°14	10°38	7°23	16°37	24° 3	0°31	7° 8	20°51	8°39	2°D44	1°49	29°41	22°27	W15
T 16	21 39 4	23°32'37	7♏ 6	12°17	8°12	17°15	24°16	0°32	7° 6	20°53	8°38	2°45	1°46	29°48	22°26	T 16
F 17	21 43 1	24°30'17	19° 1	13°54	9° 0	17°53	24°30	0°33	7° 5	20°55	8°37	2°46	1°42	29°55	22°25	F 17
S 18	21 46 58	25°27'58	1♏ 3	15°29	9°48	18°30	24°43	0°35	7° 4	20°57	8°36	2°48	1°39	0♏ 1	22°24	S 18
S 19	21 50 54	26°25'42	13°17	17° 3	10°34	19° 8	24°56	0°36	7° 2	20°58	8°36	2°49	1°36	0° 8	22°23	S 19
M20	21 54 51	27°23'26	25°45	18°36	11°20	19°46	25° 9	0°38	7° 1	21° 0	8°35	2°50	1°33	0°15	22°21	M20
T 21	21 58 47	28°21'12	8♏31	20° 7	12° 6	20°24	25°22	0°39	7° 0	21° 2	8°34	2°R50	1°30	0°21	22°20	T 21
W22	22 2 44	29°19'00	21°35	21°36	12°50	21° 3	25°35	0°41	6°59	21° 4	8°33	2°49	1°27	0°28	22°19	W22
T 23	22 6 40	0♎16'49	4♎58	23° 5	13°33	21°41	25°48	0°43	6°58	21° 6	8°32	2°47	1°23	0°35	22°17	T 23
F 24	22 10 37	1°14'39	18°38	24°31	14°16	22°19	26° 1	0°45	6°56	21° 8	8°31	2°43	1°20	0°42	22°16	F 24
S 25	22 14 33	2°12'31	2♏33	25°56	14°57	22°58	26°14	0°47	6°55	21° 9	8°30	2°39	1°17	0°48	22°14	S 25
S 26	22 18 30	3°10'24	16°38	27°20	15°37	23°36	26°28	0°49	6°54	21°11	8°29	2°34	1°14	0°55	22°13	S 26
M27	22 22 27	4° 8'18	0♎50	28°41	16°17	24°15	26°41	0°51	6°53	21°13	8°28	2°30	1°11	1° 2	22°11	M27
T 28	22 26 23	5° 6'13	15° 5	0♏ 2	16°55	24°53	26°54	0°53	6°53	21°15	8°28	2°28	1° 7	1° 8	22°10	T 28
W29	22 30 20	6° 4'10	29°20	1°20	17°32	25°32	27° 7	0°56	6°52	21°16	8°27	2°26	1° 4	1°15	22° 8	W29
T 30	22 34 16	7° 2'08	13♏31	2°37	18° 8	26°11	27°20	0°58	6°51	21°18	8°26	2°D26	1° 1	1°22	22° 6	T 30
F 31	22 38 13	8♎ 0'08	27♏38	3♏52	18♏42	26♏50	27♏33	1♏ 1	6♏50	21♏20	8°Y25	2♏27	0♏58	1♏28	22°Y 4	F 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	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	17n57	12s22 5n 6	18n 2 1n47	1n31 0s34	2s57 0n14	15n11 0n44	18s20 1n56	23s33 0s20	21n14 0s40	12s 1 16s52	19n30 19n35	15n12 10n 1	1n19		
T 2	17 42	16 10 4 35	17 25 1 46	1 3 0 40	3 12 0 13	15 7 0 44	18 20 1 56	23 33 0 20	21 13 0 40	12 1 16 52	19 30 19 36	15 14 10 1	1 19		
F 3	17 26	19 0 3 48	16 48 1 45	0 35 0 47	3 27 0 13	15 3 0 44	18 20 1 56	23 33 0 20	21 13 0 40	12 2 16 53	19 30 19 36	15 16 10 0	1 19		
S 4	17 11	20 39 2 46	16 9 1 43	0 6 0 53	3 42 0 12	14 59 0 44	18 21 1 56	23 33 0 20	21 13 0 40	12 2 16 53	19 30 19 37	15 18 10 0	1 19		
S 5	16 54	20 57 1 34	15 29 1 41	0s22 1 0	3 58 0 11	14 54 0 44	18 21 1 55	23 34 0 20	21 12 0 40	12 3 16 53	19 30 19 38	15 19 10 0	1 19		
M 6	16 38	19 54 0 17	14 48 1 38	0 50 1 7	4 13 0 10	14 50 0 44	18 21 1 55	23 34 0 20	21 12 0 40	12 3 16 54	19 30 19 38	15 21 10 0	1 19		
T 7	16 21	17 38 1s 0	14 7 1 34	1 18 1 14	4 28 0 9	14 46 0 44	18 21 1 55	23 34 0 20	21 12 0 40	12 4 16 54	19 30 19 39	15 23 10 0	1 19		
W 8	16 4	14 24 2 12	13 25 1 30	1 46 1 21	4 43 0 8	14 42 0 44	18 22 1 55	23 34 0 20	21 12 0 40	12 4 16 54	19 30 19 40	15 25 9 59	1 19		
T 9	15 47	10 29 3 15	12 43 1 26	2 14 1 28	4 58 0 8	14 38 0 44	18 22 1 54	23 34 0 20	21 11 0 40	12 5 16 55	19 30 19 41	15 27 9 59	1 19		
F 10	15 30	6 10 4 6	12 0 1 21	2 42 1 35	5 13 0 7	14 33 0 44	18 22 1 54	23 34 0 20	21 11 0 40	12 5 16 55	19 31 19 41	15 29 9 59	1 19		
S 11	15 12	1 42 4 43	11 17 1 16	3 9 1 42	5 29 0 6	14 29 0 45	18 23 1 54	23 34 0 20	21 11 0 40	12 6 16 55	19 31 19 42	15 30 9 58	1 19		
S 12	14 54	2n45 5 7	10 33 1 11	3 37 1 50	5 44 0 5	14 25 0 45	18 23 1 54	23 34 0 20	21 10 0 40	12 6 16 55	19 32 19 43	15 32 9 58	1 19		
M13	14 36	6 59 5 15	9 50 1 5	4 4 1 57	5 59 0 4	14 21 0 45	18 24 1 53	23 34 0 20	21 10 0 40	12 7 16 56	19 32 19 43	15 34 9 58	1 19		
T 14	14 17	10 54 5 10	9 6 0 58	4 31 2 5	6 14 0 4	14 16 0 45	18 24 1 53	23 34 0 20	21 10 0 40	12 7 16 56	19 32 19 44	15 36 9 57	1 19		
W15	13 59	14 21 4 52	8 22 0 52	4 58 2 13	6 29 0 3	14 12 0 45	18 24 1 53	23 34 0 20	21 9 0 40	12 8 16 56	19 32 19 45	15 38 9 57	1 19		
T 16	13 40	17 12 4 21	7 38 0 45	5 24 2 21	6 44 0 2	14 8 0 45	18 25 1 53	23 35 0 20	21 9 0 40	12 8 16 57	19 32 19 46	15 39 9 57	1 19		
F 17	13 21	19 21 3 38	6 55 0 38	5 51 2 29	7 0 0 1	14 3 0 45	18 25 1 52	23 35 0 20	21 9 0 40	12 9 16 57	19 32 19 46	15 41 9 56	1 19		
S 18	13 2	20 39 2 46	6 11 0 30	6 17 2 37	7 15 0 0	13 59 0 45	18 26 1 52	23 35 0 20	21 9 0 40	12 10 16 57	19 32 19 47	15 43 9 56	1 19		
S 19	12 42	21 1 1 46	5 28 0 23	6 43 2 45	7 30 0s 0	13 55 0 45	18 26 1 52	23 35 0 20	21 8 0 40	12 10 16 57	19 31 19 48	15 45 9 55	1 19		
M20	12 22	20 21 0 39	4 44 0 15	7 9 2 54	7 45 0 1	13 50 0 45	18 27 1 52	23 35 0 20	21 8 0 40	12 11 16 58	19 31 19 48	15 46 9 55	1 19		
T 21	12 2	18 38 0n31	4 1 0 7	7 34 3 2	8 0 0 2	13 46 0 45	18 28 1 52	23 35 0 20	21 8 0 40	12 11 16 58	19 31 19 49	15 48 9 54	1 19		
W22	11 42	15 54 1 41	3 18 0s 1	7 59 3 10	8 15 0 3	13 42 0 45	18 28 1 51	23 35 0 20	21 7 0 40	12 12 16 58	19 31 19 50	15 50 9 54	1 19		
T 23	11 22	12 16 2 47	2 36 0 10	8 24 3 19	8 30 0 3	13 37 0 45	18 29 1 51	23 35 0 20	21 7 0 40	12 12 16 58	19 32 19 50	15 52 9 53	1 19		
F 24	11 2	7 56 3 45	1 54 0 18	8 49 3 28	8 45 0 4	13 33 0 45	18 29 1 51	23 35 0 20	21 7 0 40	12 13 16 59	19 33 19 51	15 54 9 53	1 19		
S 25	10 41	3 7 4 30	1 12 0 27	9 13 3 36	9 0 0 5	13 29 0 46	18 30 1 51	23 35 0 20	21 7 0 40	12 13 16 59	19 34 19 52	15 55 9 52	1 19		
S 26	10 20	1s55 5 0	0 31 0 36	9 37 3 45	9 15 0 6	13 24 0 46	18 31 1 50	23 35 0 20	21 6 0 40	12 14 16 59	19 35 19 53	15 57 9 52	1 19		
M27	9 59	6 53 5 12	0s10 0 44	10 0 3 54	9 30 0 6	13 20 0 46	18 31 1 50	23 35 0 20	21 6 0 40	12 15 16 59	19 35 19 53	15 59 9 51	1 18		
T 28	9 38	11 30 5 5	0 50 0 53	10 23 4 3	9 45 0 7	13 16 0 46	18 32 1 50	23 35 0 20	21 6 0 40	12 15 17 0	19 36 19 54	16 1 9 50	1 18		
W29	9 17	15 28 4 39	1 29 1 2	10 46 4 12	10 0 0 8	13 11 0 46	18 33 1 50	23 35 0 20	21 5 0 40	12 16 17 0	19 36 19 55	16 2 9 50	1 18		
T 30	8 55	18 31 3 56	2 8 1 11	11 8 4 21	10 14 0 9	13 7 0 46	18 34 1 49	23 35 0 20	21 5 0 40	12 16 17 0	19 36 19 55	16 4 9 49	1 18		
F 31	8n34	20s26 2n58	2s46 1s21	11s30 4s30	10s29 0s 9	13n 2 0n46	18s34 1n49	23s35 0s20	21n 5 0s40	12s17 17s 0	19n36 19n56	16n 6 9n48	1n18		

Julian Day Number = 2478785.5, Delta T = 82.66 sec  
Ecliptic obliquity = 23°25'41", Nutation = - 0°00'14", out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 25°46'56", Lahiri = 24°53'57"

ASTRODIENST EPHEMERIS for the year 2074  
geocentric

SEPTEMBER 2074

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 42 9	8♍58°08	11♌38	5♊6	19♏16	27♏29	27♏46	1♌3	6°R49	21♏21	8°R24	2♏29	0♏55	1♏35	22°R 3	S 1
S 2	22 46 6	9°56'10	25°30	6°17	19°48	28° 8	27°59	1° 6	6♌49	21°23	8°Y23	2°R30	0°52	1°42	22°Y 1	S 2
M 3	22 50 2	10°54'14	9♌14	7°27	20°18	28°47	28°12	1° 9	6°48	21°25	8°22	2°30	0°48	1°49	21°59	M 3
T 4	22 53 59	11°52'18	22°46	8°34	20°47	29°27	28°25	1°12	6°47	21°26	8°21	2°28	0°45	1°55	21°57	T 4
W 5	22 57 56	12°50'25	6♌7	9°39	21°15	0♏6	28°38	1°15	6°47	21°28	8°20	2°24	0°42	2° 2	21°55	W 5
T 6	23 1 52	13°48'33	19°14	10°42	21°40	0°45	28°50	1°18	6°46	21°29	8°18	2°19	0°39	2° 9	21°53	T 6
F 7	23 5 49	14°46'42	2°Y 6	11°43	22° 5	1°25	29° 3	1°21	6°46	21°31	8°17	2°12	0°36	2°15	21°51	F 7
S 8	23 9 45	15°44'54	14°43	12°41	22°27	2° 5	29°16	1°24	6°46	21°32	8°16	2° 4	0°33	2°22	21°49	S 8
S 9	23 13 42	16°43'07	27° 6	13°36	22°48	2°44	29°29	1°28	6°45	21°34	8°15	1°57	0°29	2°29	21°47	S 9
M10	23 17 38	17°41'23	9♌16	14°28	23° 7	3°24	29°42	1°31	6°45	21°35	8°14	1°50	0°26	2°35	21°45	M10
T 11	23 21 35	18°39'40	21°15	15°17	23°24	4° 4	29°55	1°34	6°45	21°36	8°13	1°44	0°23	2°42	21°43	T 11
W12	23 25 31	19°37'59	3♏8	16° 3	23°39	4°44	0♏7	1°38	6°45	21°38	8°12	1°41	0°20	2°49	21°40	W12
T 13	23 29 28	20°36'21	14°59	16°45	23°53	5°24	0°20	1°42	6°44	21°39	8°11	1°39	0°17	2°56	21°38	T 13
F 14	23 33 24	21°34'45	26°53	17°24	24° 4	6° 4	0°33	1°45	6°44	21°41	8°10	1°D39	0°13	3° 2	21°36	F 14
S 15	23 37 21	22°33'10	8♌54	17°58	24°13	6°44	0°45	1°49	6°D44	21°42	8° 9	1°40	0°10	3° 9	21°34	S 15
S 16	23 41 18	23°31'38	21° 9	18°28	24°20	7°24	0°58	1°53	6°44	21°43	8° 7	1°41	0° 7	3°16	21°31	S 16
M17	23 45 14	24°30'08	3♏40	18°53	24°25	8° 5	1°10	1°57	6°44	21°44	8° 6	1°R41	0° 4	3°22	21°29	M17
T 18	23 49 11	25°28'40	16°33	19°13	24°27	8°45	1°23	2° 1	6°44	21°46	8° 5	1°40	0° 1	3°29	21°27	T 18
W19	23 53 7	26°27'14	29°50	19°28	24°R27	9°25	1°35	2° 5	6°45	21°47	8° 4	1°37	29°58	3°36	21°24	W19
T 20	23 57 4	27°25'50	13♏32	19°36	24°25	10° 6	1°48	2°10	6°45	21°48	8° 3	1°31	29°54	3°42	21°22	T 20
F 21	0 1 0	28°24'28	27°35	19°R39	24°21	10°47	2° 0	2°14	6°45	21°49	8° 2	1°24	29°51	3°49	21°19	F 21
S 22	0 4 57	29°23'08	11♏57	19°35	24°14	11°27	2°13	2°18	6°45	21°50	8° 1	1°15	29°48	3°56	21°17	S 22
S 23	0 8 53	0♏21'50	26°30	19°25	24° 5	12° 8	2°25	2°23	6°46	21°51	7°59	1° 5	29°45	4° 3	21°14	S 23
M24	0 12 50	1°20'34	11♏8	19° 7	23°53	12°49	2°37	2°27	6°46	21°52	7°58	0°57	29°42	4° 9	21°12	M24
T 25	0 16 47	2°19'19	25°44	18°42	23°39	13°30	2°49	2°32	6°47	21°53	7°57	0°50	29°39	4°16	21° 9	T 25
W26	0 20 43	3°18'06	10♏12	18°10	23°23	14°11	3° 2	2°36	6°47	21°54	7°56	0°46	29°35	4°23	21° 7	W26
T 27	0 24 40	4°16'55	24°28	17°30	23° 4	14°52	3°14	2°41	6°48	21°55	7°55	0°44	29°32	4°29	21° 4	T 27
F 28	0 28 36	5°15'46	8♌30	16°44	22°43	15°33	3°26	2°46	6°48	21°56	7°54	0°D43	29°29	4°36	21° 1	F 28
S 29	0 32 33	6°14'38	22°18	15°51	22°20	16°15	3°38	2°51	6°49	21°57	7°52	0°44	29°26	4°43	20°59	S 29
S 30	0 36 29	7♏13'32	5♏52	14♏53	21♏55	16♏56	3♏50	2♏56	6♌50	21♏58	7°Y51	0°R44	29°23	4♏49	20°Y56	S 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
S 1	8n12	21s 4	1n51	3s24	1s30	11s51	4s40	10s44	0s10	12n58	0n46	18s35	1n49	23s35	0s20	21n 5	0s40	12s17	17s 0	19n36	19n57	16n 8	9n48	1n18			
S 2	7 50	20 24	0 38	4 0	1 39	12 11	4 49	10 59	0 11	12 54	0 46	18 36	1 49	23 35	0 20	21 4	0 40	12 18	17 1	19 36	19 57	16 10	9 47	1 18			
M 3	7 28	18 32	0s37	4 36	1 48	12 32	4 58	11 13	0 12	12 49	0 46	18 37	1 48	23 35	0 20	21 4	0 40	12 18	17 1	19 36	19 58	16 11	9 46	1 18			
T 4	7 6	15 37	1 48	5 11	1 57	12 51	5 7	11 28	0 12	12 45	0 46	18 37	1 48	23 35	0 20	21 4	0 40	12 19	17 1	19 36	19 59	16 13	9 45	1 18			
W 5	6 44	11 56	2 52	5 45	2 6	13 10	5 17	11 42	0 13	12 40	0 46	18 38	1 48	23 35	0 20	21 4	0 40	12 20	17 1	19 37	19 59	16 15	9 45	1 18			
T 6	6 22	7 43	3 46	6 18	2 15	13 29	5 26	11 57	0 14	12 36	0 47	18 39	1 48	23 35	0 20	21 3	0 40	12 20	17 1	19 38	20 0	16 17	9 44	1 18			
F 7	6 0	3 15	4 27	6 50	2 24	13 46	5 35	12 11	0 14	12 32	0 47	18 40	1 48	23 35	0 20	21 3	0 40	12 21	17 1	19 40	20 1	16 18	9 43	1 18			
S 8	5 37	1n16	4 54	7 21	2 32	14 4	5 45	12 26	0 15	12 27	0 47	18 41	1 47	23 35	0 20	21 3	0 40	12 21	17 2	19 41	20 2	16 20	9 42	1 18			
S 9	5 14	5 39	5 7	7 50	2 41	14 20	5 54	12 40	0 16	12 23	0 47	18 42	1 47	23 35	0 20	21 3	0 40	12 22	17 2	19 43	20 2	16 22	9 42	1 18			
M10	4 52	9 44	5 6	8 18	2 49	14 35	6 3	12 54	0 16	12 18	0 47	18 43	1 47	23 35	0 20	21 2	0 40	12 22	17 2	19 45	20 3	16 24	9 41	1 18			
T 11	4 29	13 23	4 51	8 44	2 57	14 50	6 12	13 8	0 17	12 14	0 47	18 43	1 47	23 35	0 20	21 2	0 40	12 23	17 2	19 46	20 4	16 25	9 40	1 18			
W12	4 6	16 28	4 23	9 9	3 5	15 4	6 21	13 22	0 18	12 10	0 47	18 44	1 46	23 35	0 20	21 2	0 40	12 23	17 2	19 47	20 4	16 27	9 39	1 18			
T 13	3 43	18 52	3 45	9 33	3 12	15 17	6 30	13 36	0 19	12 5	0 47	18 45	1 46	23 35	0 20	21 2	0 40	12 24	17 2	19 47	20 5	16 29	9 38	1 18			
F 14	3 20	20 27	2 56	9 54	3 20	15 30	6 38	13 50	0 19	12 1	0 47	18 46	1 46	23 35	0 20	21 2	0 40	12 25	17 2	19 47	20 6	16 30	9 37	1 18			
S 15	2 57	21 8	2 0	10 13	3 26	15 41	6 47	14 4	0 20	11 56	0 47	18 47	1 46	23 35	0 20	21 1	0 40	12 25	17 2	19 47	20 6	16 32	9 36	1 18			
S 16	2 34	20 50	0 56	10 30	3 32	15 51	6 55	14 18	0 21	11 52	0 48	18 48	1 46	23 35	0 20	21 1	0 40	12 26	17 3	19 47	20 7	16 34	9 36	1 18			
M17	2 11	19 30	0n11	10 45	3 38	16 1	7 3	14 32	0 21	11 48	0 48	18 49	1 45	23 35	0 20	21 1	0 40	12 26	17 3	19 46	20 8	16 36	9 35	1 18			
T 18	1 48	17 7	1 19	10 58	3 43	16 9	7 11	14 45	0 22	11 43	0 48	18 50	1 45	23 35	0 20	21 1	0 40	12 27	17 3	19 47	20 8	16 37	9 34	1 18			
W19	1 25	13 47	2 25	11 7	3 47	16 16	7 19	14 59	0 22	11 39	0 48	18 51	1 45	23 35	0 20	21 1	0 40	12 27	17 3	19 47	20 9	16 39	9 33	1 18			
T 20	1 1	9 37	3 25	11 14	3 51	16 22	7 26	15 12	0 23	11 35	0 48	18 52	1 45	23 35	0 20	21 0	0 40	12 28	17 3	19 49	20 10	16 41	9 32	1 18			
F 21	0 38	4 50	4 13	11 17	3 53	16 26	7 33	15 26	0 24	11 30	0 48	18 53	1 45	23 35	0 20	21 0	0 40	12 28	17 3	19 50	20 10	16 42	9 31	1 18			
S 22	0 15	0s19	4 47	11 17	3 55	16 30	7 39	15 39	0 24	11 26	0 48	18 54	1 44	23 35	0 20	21 0	0 40	12 29	17 3	19 52	20 11	16 44	9 30	1 18			
S 23	0s 9	5 30	5 3	11 13	3 55	16 32	7 45	15 52	0 25	11 22	0 48	18 55	1 44	23 35	0 20	21 0	0 40	12 29	17 3	19 54	20 12	16 46	9 29	1 18			
M24	0 32	10 25	4 59	11 5	3 54	16 33	7 51	16 5	0 26	11 17	0 49	18 56	1 44	23 35	0 20	21 0	0 40	12 30	17 3	19 56	20 12	16 48	9 28	1 18			
T 25	0 55	14 43	4 36	10 54	3 52	16 32	7 56	16 18	0 26	11 13	0 49	18 58	1 44	23 35	0 20	20 59	0 40	12 30	17 3	19 58	20 13	16 49	9 27	1 18			
W26	1 19	18 5	3 56	10 37	3 48	16 30	8 1	16 31	0 27	11 9	0 49	18 59	1 44	23 35	0 20	20 59	0 40	12 31	17 3	19 59	20 14	16 51	9 26	1 18			
T 27	1 42	20 18	3 1	10 17	3 42	16 27	8 5	16 44	0 28	11 5	0 49	19 0	1 43	23 35	0 20	20 59	0 40	12 31	17 3	19 59	20 14	16 53	9 25	1 17			
F 28	2 5	21 14	1 56	9 52	3 34	16 22	8 8	16 56	0 28	11 0	0 49	19 1	1 43	23 35	0 20	20 59	0 40	12 32	17 3	19 59	20 15	16 54	9 24	1 17			
S 29	2 29	20 51	0 45	9 23	3 25	16 15	8 10	17 9	0 29	10 56	0 49	19 2	1 43	23 35	0 20	20 59	0 40	12 32	17 3	19 59	20 16	16 56	9 23	1 17			
S 30	2s52	19s14	0s27	8s50	3s14	16s 8	8s12	17s21	0s29	10n52	0n49	19s 3	1n43	23s35	0s20	20n59	0s40	12s33	17s 3	19n59	20n16	16n58	9n22	1n17			

# ASTRODIENST EPHEMERIS for the year 2074

## geocentric

OCTOBER 2074

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 40 26	8♌12'28	19♏13	13°R49	21°R27	17♍37	4♉2	3♊1	6♈51	21♎59	7°R50	0°R42	29♏19	4♏56	20°R54	M 1
T 2	0 44 22	9°11'25	2♈22	12♌43	20♌58	18°19	4°13	3°6	6°51	21°59	7°Y49	0♏38	29°16	5°3	20°Y51	T 2
W 3	0 48 19	10°10'24	15°21	11°34	20°28	19°0	4°25	3°11	6°52	22°0	7°48	0°32	29°13	5°10	20°48	W 3
T 4	0 52 16	11°9'26	28°8	10°26	19°55	19°42	4°37	3°16	6°53	22°1	7°46	0°22	29°10	5°16	20°45	T 4
F 5	0 56 12	12°8'29	10°Y44	9°19	19°22	20°24	4°49	3°21	6°54	22°1	7°45	0°11	29°7	5°23	20°43	F 5
S 6	1 0 9	13°7'34	23°9	8°15	18°47	21°6	5°0	3°27	6°55	22°2	7°44	29♎58	29°4	5°30	20°40	S 6
S 7	1 4 5	14°6'41	5♊23	7°17	18°11	21°47	5°12	3°32	6°56	22°3	7°43	29°45	29°0	5°36	20°37	S 7
M 8	1 8 2	15°5'50	17°28	6°26	17°35	22°29	5°23	3°37	6°57	22°3	7°42	29°33	28°57	5°43	20°35	M 8
T 9	1 11 58	16°5'02	29°24	5°43	16°58	23°11	5°35	3°43	6°59	22°4	7°41	29°22	28°54	5°50	20°32	T 9
W10	1 15 55	17°4'16	11♏15	5°10	16°21	23°53	5°46	3°48	7°0	22°4	7°39	29°15	28°51	5°56	20°29	W10
T 11	1 19 51	18°3'32	23°4	4°46	15°45	24°36	5°57	3°54	7°1	22°5	7°38	29°10	28°48	6°3	20°26	T 11
F 12	1 23 48	19°2'50	4♏55	4°34	15°8	25°18	6°8	4°0	7°2	22°5	7°37	29°7	28°44	6°10	20°24	F 12
S 13	1 27 45	20°2'11	16°53	4°D32	14°32	26°0	6°19	4°5	7°4	22°6	7°36	29°D 7	28°41	6°16	20°21	S 13
S 14	1 31 41	21°1'34	29°5	4°41	13°57	26°42	6°31	4°11	7°5	22°6	7°35	29°R 7	28°38	6°23	20°18	S 14
M15	1 35 38	22°0'59	11♌34	5°1	13°23	27°25	6°41	4°17	7°7	22°7	7°34	29°6	28°35	6°30	20°15	M15
T 16	1 39 34	23°0'26	24°27	5°31	12°50	28°7	6°52	4°23	7°8	22°7	7°32	29°4	28°32	6°37	20°13	T 16
W17	1 43 31	23°59'56	7♏46	6°10	12°19	28°50	7°3	4°29	7°10	22°7	7°31	29°0	28°29	6°43	20°10	W17
T 18	1 47 27	24°59'28	21°34	6°57	11°49	29°33	7°14	4°35	7°11	22°7	7°30	28°53	28°25	6°50	20°7	T 18
F 19	1 51 24	25°59'02	5♌50	7°53	11°21	0♌15	7°25	4°41	7°13	22°8	7°29	28°43	28°22	6°57	20°4	F 19
S 20	1 55 20	26°58'38	20°30	8°55	10°55	0°58	7°35	4°47	7°15	22°8	7°28	28°32	28°19	7°3	20°2	S 20
S 21	1 59 17	27°58'17	5♍26	10°4	10°31	1°41	7°46	4°53	7°17	22°8	7°27	28°20	28°16	7°10	19°59	S 21
M22	2 3 13	28°57'57	20°29	11°17	10°9	2°24	7°56	4°59	7°18	22°8	7°26	28°9	28°13	7°17	19°56	M22
T 23	2 7 10	29°57'39	5♊29	12°36	9°49	3°7	8°6	5°5	7°20	22°8	7°25	28°0	28°10	7°23	19°54	T 23
W24	2 11 7	0♏57'23	20°17	13°59	9°32	3°50	8°16	5°12	7°22	22°8	7°24	27°54	28°6	7°30	19°51	W24
T 25	2 15 3	1°57'09	4♏48	15°25	9°17	4°33	8°26	5°18	7°24	22°R 8	7°23	27°51	28°3	7°37	19°48	T 25
F 26	2 19 0	2°56'57	18°58	16°53	9°5	5°16	8°36	5°24	7°26	22°8	7°22	27°49	28°0	7°43	19°46	F 26
S 27	2 22 56	3°56'46	2♌45	18°25	8°54	6°0	8°46	5°31	7°28	22°8	7°20	27°49	27°57	7°50	19°43	S 27
S 28	2 26 53	4°56'37	16°13	19°58	8°47	6°43	8°56	5°37	7°30	22°8	7°19	27°49	27°54	7°57	19°40	S 28
M29	2 30 49	5°56'29	29°22	21°32	8°42	7°27	9°6	5°44	7°32	22°8	7°18	27°47	27°50	8°4	19°38	M29
T 30	2 34 46	6°56'23	12♈16	23°8	8°39	8°10	9°15	5°50	7°34	22°8	7°17	27°43	27°47	8°10	19°35	T 30
W31	2 38 42	7♍56'19	24♈57	24♌45	8°D38	8♊54	9♏25	5♊57	7♈37	22♎8	7°Y16	27♎36	27♎44	8♏17	19°Y33	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	3s15	16s35	1s37	8s13	3s0	15s58	8s13	17s34	0s30	10n48	0n49	19s4	1n43	23s35	0s20	20n59
T 2	3 38	13 6	2 40	7 33	2 45	15 47	8 13	17 46	0 31	10 44	0 50	19 5	1 43	23 35	0 20	20 58
W 3	4 2	9 3	3 33	6 51	2 29	15 35	8 13	17 58	0 31	10 39	0 50	19 7	1 42	23 35	0 20	20 58
T 4	4 25	4 39	4 15	6 8	2 11	15 21	8 11	18 10	0 32	10 35	0 50	19 8	1 42	23 35	0 20	20 58
F 5	4 48	0 7	4 44	5 24	1 51	15 6	8 9	18 22	0 32	10 31	0 50	19 9	1 42	23 35	0 20	20 58
S 6	5 11	4n22	4 59	4 40	1 31	14 50	8 6	18 33	0 33	10 27	0 50	19 10	1 42	23 35	0 20	20 58
S 7	5 34	8 36	4 59	3 59	1 11	14 32	8 1	18 45	0 34	10 23	0 50	19 11	1 42	23 35	0 20	20 58
M 8	5 57	12 27	4 47	3 19	0 50	14 13	7 56	18 56	0 34	10 19	0 50	19 12	1 41	23 35	0 20	20 58
T 9	6 19	15 46	4 21	2 44	0 30	13 54	7 50	19 7	0 35	10 15	0 51	19 14	1 41	23 35	0 20	20 58
W10	6 42	18 24	3 45	2 13	0 11	13 33	7 43	19 18	0 35	10 11	0 51	19 15	1 41	23 34	0 20	20 57
T 11	7 5	20 17	2 59	1 46	0n8	13 11	7 36	19 29	0 36	10 7	0 51	19 16	1 41	23 34	0 20	20 57
F 12	7 27	21 16	2 4	1 25	0 26	12 49	7 27	19 40	0 36	10 3	0 51	19 17	1 41	23 34	0 20	20 57
S 13	7 50	21 18	1 4	1 10	0 42	12 27	7 18	19 51	0 37	9 59	0 51	19 18	1 41	23 34	0 20	20 57
S 14	8 12	20 20	0 0	1 0	0 57	12 4	7 8	20 1	0 38	9 55	0 51	19 20	1 40	23 34	0 20	20 57
M15	8 34	18 21	1n5	0 55	1 10	11 40	6 57	20 11	0 38	9 51	0 52	19 21	1 40	23 34	0 20	20 57
T 16	8 56	15 24	2 10	0 56	1 22	11 17	6 45	20 22	0 39	9 47	0 52	19 22	1 40	23 34	0 20	20 57
W17	9 18	11 35	3 9	1 2	1 32	10 54	6 33	20 32	0 39	9 43	0 52	19 23	1 40	23 34	0 20	20 57
T 18	9 40	7 1	4 0	1 13	1 40	10 30	6 21	20 41	0 40	9 39	0 52	19 25	1 40	23 34	0 20	20 57
F 19	10 2	1 55	4 37	1 28	1 48	10 8	6 8	20 51	0 40	9 36	0 52	19 26	1 40	23 34	0 20	20 57
S 20	10 23	3s24	4 57	1 48	1 53	9 45	5 54	21 0	0 41	9 32	0 52	19 27	1 40	23 34	0 20	20 57
S 21	10 45	8 38	4 58	2 10	1 58	9 23	5 41	21 10	0 41	9 28	0 53	19 28	1 39	23 33	0 20	20 57
M22	11 6	13 23	4 38	2 36	2 1	9 1	5 27	21 19	0 42	9 24	0 53	19 29	1 39	23 33	0 20	20 57
T 23	11 27	17 17	3 59	3 5	2 3	8 41	5 13	21 28	0 42	9 21	0 53	19 31	1 39	23 33	0 20	20 57
W24	11 48	20 1	3 4	3 36	2 4	8 21	4 58	21 36	0 43	9 17	0 53	19 32	1 39	23 33	0 20	20 57
T 25	12 9	21 22	1 58	4 9	2 4	8 2	4 44	21 45	0 43	9 13	0 53	19 33	1 39	23 33	0 20	20 57
F 26	12 29	21 19	0 47	4 44	2 4	7 43	4 29	21 53	0 44	9 10	0 53	19 34	1 39	23 33	0 20	20 57
S 27	12 50	19 57	0s26	5 20	2 2	7 26	4 15	22 1	0 44	9 6	0 54	19 36	1 39	23 33	0 20	20 57
S 28	13 10	17 29	1 36	5 57	2 0	7 10	4 0	22 9	0 45	9 3	0 54	19 37	1 39	23 33	0 20	20 57
M29	13 30	14 10	2 39	6 35	1 57	6 54	3 46	22 17	0 45	8 59	0 54	19 38	1 38	23 33	0 20	20 57
T 30	13 49	10 13	3 32	7 14	1 53	6 40	3 32	22 25	0 46	8 56	0 54	19 39	1 38	23 32	0 20	20 57
W31	14s9	5s53	4s14	7s53	1n49	6s27	3s18	22s32	0s46	8n53	0n54	19s41	1n38	23s32	0s20	20n57

Julian Day Number = 2478846.5, Delta T = 82.72 sec  
 Ecliptic obliquity = 23°25'42, Nutation = - 0°00'15, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 25°47'05, Lahiri = 24°54'05

# ASTRODIENST EPHEMERIS for the year 2074

## geocentric

NOVEMBER 2074

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 42 39	8♉56°16	7♊27	26♊22	8♉41	9♈37	9♉34	6♈3	7♈39	22°R 7	7°R15	27°R26	27♉41	8♉24	19°R30	T 1
F 2	2 46 36	9°56'15	19°47	28° 0	8°45	10°21	9°44	6°10	7°41	22°S 7	7°Y14	27°S14	27°38	8°30	19°Y27	F 2
S 3	2 50 32	10°56'16	1♉59	29°39	8°52	11° 5	9°53	6°16	7°43	22° 7	7°14	27° 0	27°35	8°37	19°25	S 3
S 4	2 54 29	11°56'19	14° 4	1♉17	9° 1	11°48	10° 2	6°23	7°46	22° 7	7°13	26°46	27°31	8°44	19°22	S 4
M 5	2 58 25	12°56'23	26° 2	2°56	9°12	12°32	10°11	6°30	7°48	22° 6	7°12	26°33	27°28	8°50	19°20	M 5
T 6	3 2 22	13°56'30	7♊54	4°34	9°25	13°16	10°19	6°36	7°51	22° 6	7°11	26°22	27°25	8°57	19°18	T 6
W 7	3 6 18	14°56'38	19°43	6°13	9°41	14° 0	10°28	6°43	7°53	22° 5	7°10	26°14	27°22	9° 4	19°15	W 7
T 8	3 10 15	15°56'49	1♉31	7°52	9°58	14°44	10°37	6°50	7°56	22° 5	7° 9	26° 8	27°19	9°10	19°13	T 8
F 9	3 14 11	16°57'01	13°22	9°30	10°18	15°28	10°45	6°57	7°58	22° 4	7° 8	26° 5	27°16	9°17	19°10	F 9
S 10	3 18 8	17°57'16	25°19	11° 8	10°40	16°13	10°54	7° 4	8° 1	22° 4	7° 7	26°D 4	27°12	9°24	19° 8	S 10
S 11	3 22 5	18°57'32	7♊28	12°46	11° 3	16°57	11° 2	7°11	8° 3	22° 3	7° 6	26° 5	27° 9	9°31	19° 6	S 11
M12	3 26 1	19°57'50	19°54	14°23	11°28	17°41	11°10	7°17	8° 6	22° 3	7° 6	26°R 5	27° 6	9°37	19° 3	M12
T 13	3 29 58	20°58'11	2♊41	16° 1	11°55	18°26	11°18	7°24	8° 9	22° 2	7° 5	26° 4	27° 3	9°44	19° 1	T 13
W14	3 33 54	21°58'33	15°55	17°38	12°24	19°10	11°26	7°31	8°11	22° 2	7° 4	26° 2	27° 0	9°51	18°59	W14
T 15	3 37 51	22°58'57	29°38	19°14	12°54	19°55	11°33	7°38	8°14	22° 1	7° 3	25°57	26°56	9°57	18°57	T 15
F 16	3 41 47	23°59'23	13♊51	20°51	13°26	20°39	11°41	7°45	8°17	22° 0	7° 2	25°49	26°53	10° 4	18°55	F 16
S 17	3 45 44	24°59'51	28°32	22°27	13°59	21°24	11°48	7°52	8°20	21°59	7° 2	25°41	26°50	10°11	18°53	S 17
S 18	3 49 40	26° 0'21	13♉35	24° 3	14°34	22° 9	11°56	7°59	8°23	21°59	7° 1	25°31	26°47	10°17	18°51	S 18
M19	3 53 37	27° 0'52	28°50	25°39	15°10	22°53	12° 3	8° 6	8°26	21°58	7° 0	25°22	26°44	10°24	18°48	M19
T 20	3 57 34	28° 1'25	14♊6	27°14	15°47	23°38	12°10	8°13	8°28	21°57	7° 0	25°14	26°41	10°31	18°47	T 20
W21	4 1 30	29° 1'59	29°14	28°49	16°26	24°23	12°17	8°20	8°31	21°56	6°59	25° 9	26°37	10°37	18°45	W21
T 22	4 5 27	0♈2'35	14♈3	0♈24	17° 6	25° 8	12°24	8°27	8°34	21°55	6°58	25° 7	26°34	10°44	18°43	T 22
F 23	4 9 23	1° 3'12	28°28	1°59	17°47	25°53	12°30	8°34	8°37	21°54	6°58	25°D 6	26°31	10°51	18°41	F 23
S 24	4 13 20	2° 3'50	12♈27	3°34	18°29	26°38	12°37	8°41	8°40	21°53	6°57	25° 7	26°28	10°57	18°39	S 24
S 25	4 17 16	3° 4'29	26° 0	5° 8	19°13	27°23	12°43	8°49	8°44	21°52	6°56	25° 8	26°25	11° 4	18°37	S 25
M26	4 21 13	4° 5'10	9♈10	6°42	19°57	28° 8	12°49	8°56	8°47	21°51	6°56	25°R 8	26°22	11°11	18°35	M26
T 27	4 25 9	5° 5'51	21°59	8°16	20°42	28°54	12°55	9° 3	8°50	21°50	6°55	25° 6	26°18	11°18	18°34	T 27
W28	4 29 6	6° 6'33	4♊32	9°50	21°29	29°39	13° 1	9°10	8°53	21°49	6°55	25° 3	26°15	11°24	18°32	W28
T 29	4 33 3	7° 7'16	16°51	11°24	22°16	0♈24	13° 6	9°17	8°56	21°48	6°54	24°57	26°12	11°31	18°30	T 29
F 30	4 36 59	8♈8'01	29°Y 0	12♈58	23♈4	1♈10	13♉12	9♈24	8♈59	21°S47	6°Y54	24°S49	26°S 9	11♉38	18°Y29	F 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
T 1	14s28	1s22	4s43	8s32	1n45	6s15	3s 4	22s39	0s47	8n49	0n55	19s42	1n38	23s32	0s20	20n57	0s41	12s44	17s 0	20n40	20n37	17n50	8n47	1n15			
F 2	14 47	3n 8	4 58	9 12	1 40	6 4	2 50	22 46	0 47	8 46	0 55	19 43	1 38	23 32	0 20	20 57	0 41	12 44	17 0	20 42	20 38	17 52	8 46	1 15			
S 3	15 6	7 28	4 59	9 51	1 35	5 54	2 36	22 53	0 48	8 43	0 55	19 44	1 38	23 32	0 20	20 57	0 41	12 44	17 0	20 45	20 38	17 53	8 45	1 15			
S 4	15 25	11 29	4 47	10 31	1 30	5 45	2 23	22 59	0 48	8 39	0 55	19 46	1 38	23 32	0 20	20 57	0 41	12 44	17 0	20 48	20 39	17 55	8 44	1 15			
M 5	15 43	15 0	4 22	11 10	1 24	5 38	2 10	23 5	0 48	8 36	0 55	19 47	1 38	23 32	0 20	20 57	0 41	12 44	17 0	20 50	20 39	17 57	8 43	1 14			
T 6	16 1	17 54	3 46	11 49	1 18	5 31	1 57	23 11	0 49	8 33	0 56	19 48	1 37	23 31	0 20	20 57	0 41	12 45	16 59	20 52	20 40	17 58	8 42	1 14			
W 7	16 19	20 2	3 0	12 27	1 12	5 26	1 44	23 17	0 49	8 30	0 56	19 49	1 37	23 31	0 20	20 57	0 41	12 45	16 59	20 54	20 41	18 0	8 41	1 14			
T 8	16 36	21 19	2 7	13 5	1 6	5 21	1 32	23 23	0 50	8 27	0 56	19 51	1 37	23 31	0 20	20 57	0 41	12 45	16 59	20 55	20 41	18 1	8 40	1 14			
F 9	16 53	21 39	1 7	13 43	0 59	5 18	1 20	23 28	0 50	8 24	0 56	19 52	1 37	23 31	0 20	20 57	0 41	12 45	16 59	20 55	20 42	18 3	8 39	1 14			
S 10	17 10	21 0	0 4	14 20	0 53	5 16	1 8	23 33	0 51	8 21	0 56	19 53	1 37	23 31	0 20	20 57	0 41	12 45	16 58	20 56	20 43	18 5	8 38	1 14			
S 11	17 27	19 22	1n 0	14 56	0 46	5 14	0 57	23 38	0 51	8 18	0 57	19 54	1 37	23 31	0 20	20 57	0 41	12 45	16 58	20 55	20 43	18 6	8 37	1 14			
M12	17 43	16 48	2 4	15 31	0 39	5 14	0 46	23 43	0 51	8 15	0 57	19 55	1 37	23 30	0 20	20 57	0 41	12 45	16 58	20 55	20 44	18 8	8 36	1 14			
T 13	17 59	13 21	3 2	16 6	0 33	5 15	0 35	23 47	0 52	8 12	0 57	19 57	1 37	23 30	0 20	20 57	0 41	12 45	16 58	20 55	20 44	18 9	8 35	1 14			
W14	18 15	9 8	3 53	16 40	0 26	5 16	0 24	23 51	0 52	8 9	0 57	19 58	1 37	23 30	0 20	20 58	0 41	12 45	16 57	20 56	20 45	18 11	8 34	1 13			
T 15	18 31	4 19	4 33	17 13	0 19	5 19	0 14	23 55	0 53	8 7	0 57	19 59	1 37	23 30	0 20	20 58	0 41	12 46	16 57	20 57	20 46	18 12	8 33	1 13			
F 16	18 46	0s53	4 58	17 46	0 12	5 22	0 4	23 59	0 53	8 4	0 58	20 0	1 37	23 30	0 20	20 58	0 41	12 46	16 57	20 58	20 46	18 14	8 32	1 13			
S 17	19 0	6 13	5 4	18 17	0 5	5 26	0n 5	24 2	0 53	8 1	0 58	20 1	1 36	23 30	0 20	20 58	0 41	12 46	16 57	21 0	20 47	18 15	8 31	1 13			
S 18	19 15	11 18	4 50	18 48	0s 1	5 31	0 15	24 5	0 54	7 59	0 58	20 3	1 36	23 29	0 20	20 58	0 41	12 46	16 56	21 2	20 47	18 17	8 30	1 13			
M19	19 29	15 45	4 15	19 18	0 8	5 36	0 24	24 8	0 54	7 56	0 58	20 4	1 36	23 29	0 20	20 58	0 41	12 46	16 56	21 3	20 48	18 19	8 29	1 13			
T 20	19 43	19 9	3 21	19 46	0 15	5 43	0 32	24 11	0 55	7 54	0 59	20 5	1 36	23 29	0 20	20 58	0 41	12 46	16 56	21 5	20 49	18 20	8 28	1 13			
W21	19 56	21 11	2 14	20 14	0 21	5 50	0 41	24 13	0 55	7 51	0 59	20 6	1 36	23 29	0 20	20 58	0 41	12 46	16 56	21 6	20 49	18 22	8 28	1 13			
T 22	20 9	21 43	0 59	20 41	0 28	5 58	0 49	24 16	0 55	7 49	0 59	20 7	1 36	23 29	0 20	20 58	0 41	12 46	16 55	21 6	20 50	18 23	8 27	1 13			
F 23	20 22	20 45	0s18	21 7	0 34	6 6	0 57	24 18	0 56	7 47	0 59	20 9	1 36	23 28	0 20	20 59	0 41	12 46	16 55	21 6	20 50	18 25	8 26	1 12			
S 24	20 34	18 32	1 32	21 31	0 41	6 15	1 4	24 19	0 56	7 44	1 0	20 10	1 36	23 28	0 20	20 59	0 41	12 46	16 55	21 6	20 51	18 26	8 25	1 12			
S 25	20 46	15 20	2 38	21 55	0 47	6 25	1 12	24 21	0 56	7 42	1 0	20 11	1 36	23 28	0 20	20 59	0 41	12 46	16 54	21 6	20 52	18 28	8 24	1 12			
M26	20 57	11 26	3 34	22 17	0 53	6 35	1 19	24 22	0 57	7 40	1 0	20 12	1 36	23 28	0 20	20 59	0 41	12 45	16 54	21 6	20 52	18 29	8 24	1 12			
T 27	21 8	7 8	4 18	22 39	0 59	6 46	1 25	24 22	0 57	7 38	1 0	20 13	1 36	23 28	0 20	20 59	0 41	12 45	16 54	21 6	20 53	18 31	8 23	1 12			
W28	21 19	2 37	4 48	22 59	1 5	6 57	1 32	24 23	0 57	7 36	1 1	20 14	1 36	23 27	0 20	20 59	0 41	12 45	16 53	21 7	20 53	18 32	8 22	1 12			
T 29	21 29	1n56	5 5	23 18	1 11	7 9	1 38	24 23	0 58	7 34	1 1	20 15	1 36	23 27	0 20	20 59	0 41	12 45	16 53	21 8	20 54	18 34	8 21	1 12			
F 30	21s39	6n20	5s 7	23s36	1s16	7s21	1n44	24s23	0s58	7n32	1n 1	20s17	1n36	23s27	0s20	21n 0	0s41	12s45	16s53	21n 9	20m55	18n35	8n21	1n12			

# ASTRODIENST EPHEMERIS for the year 2074

## geocentric

DECEMBER 2074

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 40 56	9♂ 8'47	11♂ 1	14♂ 31	23♂ 54	1♂ 55	13♂ 17	9♂ 31	9♂ 3	21♂ 46	6♂ 53	24♂ 40	26♂ 6	11♂ 44	18♂ 27	S 1
S 2	4 44 52	10° 9'33	22° 57	16° 5	24° 43	2° 40	13° 23	9° 38	9° 6	21♂ 45	6♂ 53	24♂ 31	26° 2	11° 51	18♂ 26	S 2
M 3	4 48 49	11° 10'21	4♂ 50	17° 38	25° 34	3° 26	13° 28	9° 45	9° 9	21° 44	6° 53	24° 22	25° 59	11° 58	18° 24	M 3
T 4	4 52 45	12° 11'10	16° 40	19° 12	26° 26	4° 12	13° 32	9° 52	9° 12	21° 42	6° 52	24° 15	25° 56	12° 4	18° 23	T 4
W 5	4 56 42	13° 12'00	28° 30	20° 45	27° 18	4° 57	13° 37	10° 0	9° 16	21° 41	6° 52	24° 10	25° 53	12° 11	18° 22	W 5
T 6	5 0 38	14° 12'52	10♂ 21	22° 19	28° 11	5° 43	13° 42	10° 7	9° 19	21° 40	6° 51	24° 7	25° 50	12° 18	18° 21	T 6
F 7	5 4 35	15° 13'44	22° 16	23° 52	29° 5	6° 29	13° 46	10° 14	9° 22	21° 39	6° 51	24° D 6	25° 47	12° 24	18° 19	F 7
S 8	5 8 32	16° 14'38	4♂ 18	25° 25	29° 59	7° 14	13° 50	10° 21	9° 26	21° 37	6° 51	24° 6	25° 43	12° 31	18° 18	S 8
S 9	5 12 28	17° 15'33	16° 30	26° 59	0♂ 54	8° 0	13° 54	10° 28	9° 29	21° 36	6° 50	24° 8	25° 40	12° 38	18° 17	S 9
M10	5 16 25	18° 16'29	28° 57	28° 32	1° 50	8° 46	13° 58	10° 35	9° 32	21° 35	6° 50	24° 9	25° 37	12° 44	18° 16	M10
T 11	5 20 21	19° 17'26	11♂ 42	0♂ 5	2° 46	9° 32	14° 2	10° 42	9° 36	21° 33	6° 50	24° 11	25° 34	12° 51	18° 15	T 11
W12	5 24 18	20° 18'24	24° 49	1° 38	3° 43	10° 18	14° 5	10° 49	9° 39	21° 32	6° 50	24° R11	25° 31	12° 58	18° 14	W12
T 13	5 28 14	21° 19'24	8♂ 22	3° 11	4° 41	11° 4	14° 8	10° 56	9° 43	21° 31	6° 50	24° 10	25° 27	13° 4	18° 13	T 13
F 14	5 32 11	22° 20'25	22° 23	4° 44	5° 39	11° 50	14° 12	11° 3	9° 46	21° 29	6° 49	24° 7	25° 24	13° 11	18° 12	F 14
S 15	5 36 7	23° 21'26	6♂ 50	6° 17	6° 37	12° 36	14° 15	11° 10	9° 50	21° 28	6° 49	24° 3	25° 21	13° 18	18° 11	S 15
S 16	5 40 4	24° 22'29	21° 41	7° 49	7° 36	13° 22	14° 17	11° 17	9° 53	21° 26	6° 49	23° 58	25° 18	13° 24	18° 11	S 16
M17	5 44 1	25° 23'33	6♂ 49	9° 22	8° 36	14° 9	14° 20	11° 24	9° 57	21° 25	6° 49	23° 54	25° 15	13° 31	18° 10	M17
T 18	5 47 57	26° 24'38	22° 4	10° 54	9° 36	14° 55	14° 22	11° 31	10° 0	21° 23	6° 49	23° 51	25° 12	13° 38	18° 9	T 18
W19	5 51 54	27° 25'43	7♂ 15	12° 25	10° 36	15° 41	14° 24	11° 38	10° 4	21° 22	6° 49	23° 48	25° 8	13° 45	18° 9	W19
T 20	5 55 50	28° 26'49	22° 14	13° 56	11° 37	16° 28	14° 26	11° 45	10° 7	21° 20	6° 49	23° D48	25° 5	13° 51	18° 8	T 20
F 21	5 59 47	29° 27'55	6♂ 53	15° 27	12° 38	17° 14	14° 28	11° 52	10° 11	21° 19	6° D49	23° 48	25° 2	13° 58	18° 8	F 21
S 22	6 3 43	0♂ 29'02	21° 5	16° 56	13° 40	18° 0	14° 30	11° 59	10° 14	21° 17	6° 49	23° 49	24° 59	14° 5	18° 7	S 22
S 23	6 7 40	1° 30'09	4♂ 51	18° 25	14° 42	18° 47	14° 31	12° 6	10° 18	21° 16	6° 49	23° 51	24° 56	14° 11	18° 7	S 23
M24	6 11 37	2° 31'16	18° 9	19° 52	15° 44	19° 33	14° 33	12° 13	10° 22	21° 14	6° 49	23° 52	24° 53	14° 18	18° 6	M24
T 25	6 15 33	3° 32'23	1° 3	21° 18	16° 47	20° 20	14° 34	12° 19	10° 25	21° 12	6° 49	23° R53	24° 49	14° 25	18° 6	T 25
W26	6 19 30	4° 33'30	13° 36	22° 43	17° 50	21° 7	14° 34	12° 26	10° 29	21° 11	6° 49	23° 53	24° 46	14° 31	18° 6	W26
T 27	6 23 26	5° 34'37	25° 53	24° 5	18° 54	21° 53	14° 35	12° 33	10° 32	21° 9	6° 49	23° 51	24° 43	14° 38	18° 6	T 27
F 28	6 27 23	6° 35'45	7♂ 57	25° 25	19° 57	22° 40	14° 36	12° 40	10° 36	21° 8	6° 49	23° 49	24° 40	14° 45	18° 6	F 28
S 29	6 31 19	7° 36'52	19° 53	26° 42	21° 1	23° 26	14° 36	12° 46	10° 39	21° 6	6° 50	23° 47	24° 37	14° 51	18° D 6	S 29
S 30	6 35 16	8° 38'00	1♂ 44	27° 56	22° 6	24° 13	14° R36	12° 53	10° 43	21° 4	6° 50	23° 44	24° 33	14° 58	18° 6	S 30
M31	6 39 12	9♂ 39'07	13♂ 34	29♂ 6	23♂ 10	25♂ 0	14♂ 36	13♂ 0	10♂ 47	21♂ 3	6° 50	23° 42	24° 30	15♂ 5	18° 6	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	21s49	10n27	4s55	23s53	1s22	7s34	1n50	24s23	0s58	7n30	1n 1	20s18	1n36	23s27	0s20	21n 0	0s41	12s45	16s52	21n11	20n55	18n37	8n20	1n11	
S 2	21 58	14 8	4 31	24 9	1 27	7 47	1 55	24 23	0 59	7 29	1 1	20 19	1 35	23 27	0 20	21 0	0 41	12 45	16 52	21 13	20 56	18 38	8 19	1 11	
M 3	22 6	17 14	3 55	24 23	1 32	8 0	2 1	24 22	0 59	7 27	1 2	20 20	1 35	23 26	0 20	21 0	0 41	12 45	16 52	21 14	20 56	18 40	8 19	1 11	
T 4	22 15	19 38	3 9	24 36	1 37	8 14	2 6	24 21	0 59	7 25	1 2	20 21	1 35	23 26	0 20	21 0	0 41	12 45	16 51	21 15	20 57	18 41	8 18	1 11	
W 5	22 22	21 11	2 15	24 48	1 42	8 29	2 10	24 20	1 0	7 24	1 2	20 22	1 35	23 26	0 20	21 1	0 41	12 44	16 51	21 16	20 58	18 43	8 17	1 11	
T 6	22 30	21 48	1 14	24 58	1 46	8 43	2 15	24 18	1 0	7 22	1 3	20 23	1 35	23 26	0 20	21 1	0 41	12 44	16 51	21 17	20 58	18 44	8 17	1 11	
F 7	22 37	21 26	0 10	25 7	1 50	8 58	2 19	24 16	1 0	7 21	1 3	20 24	1 35	23 25	0 20	21 1	0 41	12 44	16 50	21 17	20 59	18 46	8 16	1 11	
S 8	22 43	20 4	0n55	25 15	1 54	9 14	2 23	24 14	1 0	7 19	1 3	20 25	1 35	23 25	0 20	21 1	0 41	12 44	16 50	21 17	20 59	18 47	8 16	1 11	
S 9	22 49	17 47	1 59	25 21	1 58	9 29	2 27	24 12	1 1	7 18	1 3	20 26	1 35	23 25	0 20	21 1	0 41	12 44	16 50	21 17	21 0	18 49	8 15	1 10	
M10	22 55	14 38	2 59	25 26	2 1	9 45	2 31	24 9	1 1	7 17	1 4	20 27	1 35	23 25	0 20	21 2	0 41	12 43	16 49	21 16	21 1	18 50	8 14	1 10	
T 11	23 0	10 44	3 51	25 30	2 4	10 1	2 34	24 6	1 1	7 16	1 4	20 28	1 35	23 24	0 20	21 2	0 41	12 43	16 49	21 16	21 1	18 52	8 14	1 10	
W12	23 4	6 14	4 33	25 32	2 7	10 17	2 38	24 3	1 1	7 15	1 4	20 29	1 35	23 24	0 20	21 2	0 41	12 43	16 49	21 16	21 2	18 53	8 13	1 10	
T 13	23 9	1 18	5 1	25 33	2 9	10 33	2 41	23 59	1 2	7 14	1 4	20 30	1 35	23 24	0 20	21 2	0 41	12 43	16 48	21 16	21 2	18 55	8 13	1 10	
F 14	23 12	3s52	5 13	25 32	2 11	10 50	2 43	23 56	1 2	7 13	1 5	20 31	1 35	23 24	0 20	21 2	0 41	12 42	16 48	21 17	21 3	18 56	8 13	1 10	
S 15	23 16	8 59	5 5	25 30	2 13	11 6	2 46	23 52	1 2	7 12	1 5	20 32	1 35	23 23	0 20	21 3	0 41	12 42	16 48	21 17	21 3	18 58	8 12	1 10	
S 16	23 19	13 43	4 37	25 26	2 14	11 23	2 48	23 47	1 2	7 11	1 5	20 33	1 35	23 23	0 20	21 3	0 41	12 42	16 47	21 18	21 4	18 59	8 12	1 10	
M17	23 21	17 40	3 50	25 21	2 15	11 40	2 51	23 43	1 2	7 10	1 5	20 34	1 35	23 23	0 20	21 3	0 41	12 42	16 47	21 19	21 5	19 0	8 11	1 9	
T 18	23 23	20 26	2 46	25 14	2 15	11 57	2 53	23 38	1 3	7 10	1 6	20 35	1 35	23 23	0 20	21 3	0 41	12 41	16 47	21 20	21 5	19 2	8 11	1 9	
W19	23 24	21 44	1 30	25 6	2 15	12 14	2 55	23 33	1 3	7 9	1 6	20 36	1 35	23 22	0 20	21 4	0 41	12 41	16 46	21 20	21 6	19 3	8 11	1 9	
T 20	23 25	21 27	0 9	24 56	2 15	12 31	2 56	23 27	1 3	7 8	1 6	20 37	1 35	23 22	0 20	21 4	0 41	12 41	16 46	21 20	21 6	19 5	8 10	1 9	
F 21	23 26	19 42	1s11	24 45	2 14	12 48	2 58	23 22	1 3	7 8	1 6	20 38	1 35	23 22	0 20	21 4	0 41	12 40	16 46	21 20	21 7	19 6	8 10	1 9	
S 22	23 26	16 45	2 25	24 32	2 12	13 5	2 59	23 16	1 3	7 8	1 7	20 39	1 35	23 22	0 20	21 4	0 41	12 40	16 45	21 20	21 7	19 8	8 10	1 9	
S 23	23 25	12 57	3 27	24 18	2 10	13 22	3 0	23 10	1 4	7 7	1 7	20 40	1 35	23 21	0 20	21 5	0 41	12 40	16 45	21 19	21 8	19 9	8 9	1 9	
M24	23 24	8 37	4 17	24 3	2 7	13 39	3 1	23 3	1 4	7 7	1 7	20 41	1 35	23 21	0 20	21 5	0 41	12 39	16 44	21 19	21 9	19 11	8 9	1 8	
T 25	23 23	4 2	4 51	23 46	2 3	13 56	3 2	22 57	1 4	7 7	1 8	20 42	1 35	23 21	0 20	21 5	0 41	12 39	16 44	21 19	21 9	19 12	8 9	1 8	
W26	23 21	0n35	5 11	23 28	1 59	14 13	3 3	22 50	1 4	7 7	1 8	20 42	1 35	23 20	0 20	21 5	0 41	12 39	16 44	21 19	21 10	19 13	8 9	1 8	
T 27	23 19	5 5	5 16	23 9	1 53	14 30	3 3	22 42	1 4	7 7	1 8	20 43	1 35	23 20	0 20	21 6	0 41	12 38	16 43	21 19	21 10	19 15	8 9	1 8	
F 28	23 16	9 19	5 6	22 48	1 47	14 46	3 4	22 35	1 4	7 7	1 8	20 44	1 35	23 20	0 20	21 6	0 41	12 38	16 43	21 20	21 11	19 16	8 8	1 8	
S 29	23 13	13 9	4 44	22 27	1 40	15 3	3 4	22 17	1 4	7 7	1 9	20 45	1 35	23 20	0 20	21 6	0 41	12 37	16 43	21 20	21 11	19 18	8 8	1 8	
S 30	23 9	16 26	4 9	22 5	1 33	15 19	3 4	22 19	1 5	7 7	1 9	20 46	1 35	23 19	0 20	21 6	0 41	12 37	16 42	21 21	21 12	19 19	8 8	1 8	
M31	23 s 5	19n 2	3s24	21s42	1s24	15s35	3n 4	22s11	1 s 5	7n 8	1n 9	20s47	1n35	23s19	0s20	21n 7	0s41	12s37	16s42	21n21	21n13	19n20	8n 8	1n 8	