



# Astrodienst Ephemeris Tables for the year 1924

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 1924  
geocentric

JANUARY 1924

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 37 31	9♌18°09	23♏51	28♌5	7♏2	17♏55	8♏6	0♏54	14♏15	20°R 0	11°R22	3°R44	5♏1	20♏47	16♏31	T 1
W 2	6 41 28	10°19'20	8♏10	28°33	8°17	18°34	8°18	0°58	14°16	19♏58	11♏20	3♏41	4°58	20°54	16°31	W 2
T 3	6 45 25	11°20'30	22°45	28°50	9°31	19°13	8°31	1° 2	14°18	19°57	11°19	3°36	4°54	21° 0	16°31	T 3
F 4	6 49 21	12°21'42	7♏32	28°R57	10°45	19°51	8°43	1° 5	14°20	19°56	11°18	3°28	4°51	21° 7	16°32	F 4
S 5	6 53 18	13°22'53	22°22	28°53	12° 0	20°30	8°55	1° 9	14°22	19°55	11°17	3°20	4°48	21°14	16°32	S 5
S 6	6 57 14	14°24'04	7♌9	28°37	13°14	21° 8	9° 7	1°13	14°24	19°53	11°15	3°12	4°45	21°21	16°32	S 6
M 7	7 1 11	15°25'16	21°43	28° 9	14°28	21°47	9°19	1°17	14°27	19°52	11°14	3° 5	4°42	21°27	16°33	M 7
T 8	7 5 7	16°26'27	5♏57	27°30	15°43	22°25	9°31	1°20	14°29	19°51	11°13	3° 0	4°39	21°34	16°33	T 8
W 9	7 9 4	17°27'37	19°47	26°39	16°57	23° 4	9°43	1°23	14°31	19°49	11°12	2°57	4°35	21°41	16°34	W 9
T 10	7 13 0	18°28'48	3♏11	25°39	18°11	23°43	9°55	1°27	14°33	19°48	11°10	2°D56	4°32	21°48	16°35	T 10
F 11	7 16 57	19°29'57	16°10	24°31	19°25	24°21	10° 7	1°30	14°35	19°47	11° 9	2°57	4°29	21°54	16°35	F 11
S 12	7 20 54	20°31'07	28°46	23°16	20°40	25° 0	10°19	1°33	14°38	19°45	11° 8	2°58	4°26	22° 1	16°36	S 12
S 13	7 24 50	21°32'15	11♏4	21°58	21°54	25°38	10°30	1°36	14°40	19°44	11° 7	2°59	4°23	22° 8	16°37	S 13
M14	7 28 47	22°33'23	23° 8	20°39	23° 8	26°17	10°42	1°39	14°42	19°42	11° 5	3°R 0	4°20	22°14	16°38	M14
T 15	7 32 43	23°34'31	5♌3	19°20	24°22	26°55	10°54	1°42	14°45	19°41	11° 4	2°59	4°16	22°21	16°39	T 15
W16	7 36 40	24°35'37	16°54	18° 6	25°36	27°34	11° 5	1°45	14°47	19°39	11° 3	2°57	4°13	22°28	16°40	W16
T 17	7 40 36	25°36'43	28°47	16°57	26°50	28°12	11°16	1°47	14°50	19°38	11° 2	2°52	4°10	22°35	16°41	T 17
F 18	7 44 33	26°37'48	10♏44	15°55	28° 4	28°51	11°28	1°50	14°52	19°36	11° 1	2°47	4° 7	22°41	16°42	F 18
S 19	7 48 29	27°38'53	22°49	15° 1	29°18	29°29	11°39	1°52	14°55	19°35	10°59	2°40	4° 4	22°48	16°43	S 19
S 20	7 52 26	28°39'57	5♌5	14°16	0♏32	0♏8	11°50	1°55	14°57	19°33	10°58	2°33	4° 0	22°55	16°44	S 20
M21	7 56 23	29°41'00	17°33	13°41	1°45	0°46	12° 1	1°57	15° 0	19°32	10°57	2°28	3°57	23° 1	16°45	M21
T 22	8 0 19	0♏42'02	0♏14	13°15	2°59	1°25	12°12	1°59	15° 3	19°30	10°56	2°23	3°54	23° 8	16°47	T 22
W23	8 4 16	1°43'04	13° 8	12°58	4°13	2° 3	12°23	2° 1	15° 5	19°29	10°55	2°20	3°51	23°15	16°48	W23
T 24	8 8 12	2°44'04	26°15	12°D50	5°26	2°42	12°34	2° 3	15° 8	19°27	10°54	2°D18	3°48	23°22	16°49	T 24
F 25	8 12 9	3°45'05	9♏33	12°50	6°40	3°20	12°44	2° 5	15°11	19°25	10°52	2°18	3°45	23°28	16°51	F 25
S 26	8 16 5	4°46'04	23° 3	12°58	7°54	3°59	12°55	2° 7	15°14	19°24	10°51	2°19	3°41	23°35	16°52	S 26
S 27	8 20 2	5°47'03	6♏44	13°13	9° 7	4°37	13° 6	2° 8	15°16	19°22	10°50	2°21	3°38	23°42	16°54	S 27
M28	8 23 58	6°48'01	20°35	13°35	10°20	5°16	13°16	2°10	15°19	19°21	10°49	2°22	3°35	23°49	16°55	M28
T 29	8 27 55	7°48'59	4♏36	14° 3	11°34	5°54	13°26	2°11	15°22	19°19	10°48	2°R23	3°32	23°55	16°57	T 29
W30	8 31 52	8°49'56	18°47	14°36	12°47	6°33	13°37	2°12	15°25	19°17	10°47	2°23	3°29	24° 2	16°59	W30
T 31	8 35 48	9♏50'52	3♏4	15♌14	14♏1	7♏11	13♏47	2♏14	15♏28	19♏16	10♏46	2♏21	3♏26	24♏9	17♏1	T 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	decl lat	decl lat
T 1	23s 7	5s36	3n56	21s 1	0s29	20s11	1s43	16s29	0n43	20s59	0n41	9s32	2n24	6s54	0s45	15n 3
W 2	23 3	9 52	4 37	20 41	0 14	19 52	1 43	16 40	0 43	21 1	0 41	9 33	2 25	6 53	0 45	15 4
T 3	22 58	13 37	5 1	20 21	0n 3	19 32	1 44	16 51	0 42	21 3	0 41	9 34	2 25	6 53	0 45	15 4
F 4	22 52	16 33	5 6	20 3	0 20	19 12	1 44	17 2	0 42	21 5	0 41	9 35	2 25	6 52	0 45	15 5
S 5	22 46	18 24	4 50	19 46	0 38	18 52	1 44	17 13	0 41	21 7	0 41	9 36	2 25	6 51	0 45	15 5
S 6	22 40	19 1	4 15	19 31	0 57	18 31	1 44	17 23	0 41	21 9	0 41	9 37	2 26	6 50	0 45	15 5
M 7	22 33	18 21	3 23	19 18	1 16	18 9	1 44	17 34	0 40	21 11	0 41	9 39	2 26	6 49	0 45	15 6
T 8	22 26	16 31	2 20	19 6	1 35	17 47	1 44	17 44	0 40	21 13	0 41	9 39	2 26	6 48	0 45	15 6
W 9	22 18	13 46	1 10	18 58	1 54	17 24	1 43	17 55	0 39	21 14	0 41	9 40	2 26	6 48	0 45	15 7
T 10	22 10	10 22	0s 1	18 51	2 12	17 1	1 43	18 5	0 39	21 16	0 41	9 41	2 27	6 47	0 45	15 7
F 11	22 2	6 33	1 11	18 47	2 29	16 37	1 42	18 15	0 38	21 18	0 41	9 42	2 27	6 46	0 45	15 8
S 12	21 53	2 34	2 15	18 44	2 44	16 13	1 42	18 25	0 38	21 20	0 41	9 43	2 27	6 45	0 45	15 8
S 13	21 43	1n26	3 12	18 44	2 58	15 49	1 41	18 34	0 37	21 21	0 41	9 44	2 27	6 44	0 45	15 9
M14	21 34	5 18	3 59	18 45	3 8	15 24	1 41	18 44	0 37	21 23	0 41	9 45	2 27	6 43	0 45	15 9
T 15	21 23	8 54	4 35	18 48	3 17	14 59	1 40	18 53	0 36	21 25	0 41	9 45	2 28	6 42	0 45	15 9
W16	21 13	12 7	4 59	18 52	3 23	14 33	1 39	19 3	0 36	21 26	0 41	9 46	2 28	6 41	0 45	15 10
T 17	21 2	14 51	5 10	18 58	3 26	14 7	1 38	19 12	0 35	21 28	0 41	9 47	2 28	6 40	0 45	15 10
F 18	20 50	16 59	5 8	19 4	3 27	13 40	1 37	19 21	0 34	21 29	0 41	9 47	2 28	6 39	0 45	15 11
S 19	20 38	18 24	4 52	19 11	3 26	13 13	1 36	19 30	0 34	21 31	0 41	9 48	2 29	6 38	0 45	15 11
S 20	20 26	18 59	4 22	19 19	3 23	12 46	1 35	19 39	0 33	21 32	0 41	9 49	2 29	6 37	0 45	15 12
M21	20 13	18 39	3 40	19 28	3 18	12 19	1 34	19 47	0 33	21 34	0 41	9 49	2 29	6 36	0 45	15 12
T 22	20 0	17 24	2 46	19 37	3 12	11 51	1 33	19 56	0 32	21 35	0 41	9 50	2 29	6 35	0 45	15 13
W23	19 47	15 14	1 43	19 46	3 4	11 23	1 31	20 4	0 31	21 37	0 41	9 50	2 30	6 34	0 45	15 13
T 24	19 33	12 15	0 33	19 55	2 56	10 55	1 30	20 12	0 31	21 38	0 41	9 51	2 30	6 33	0 45	15 14
F 25	19 19	8 36	0n40	20 4	2 47	10 26	1 28	20 20	0 30	21 39	0 41	9 51	2 30	6 32	0 45	15 14
S 26	19 5	4 28	1 51	20 13	2 37	9 57	1 26	20 28	0 29	21 41	0 41	9 51	2 31	6 31	0 45	15 15
S 27	18 50	0 3	2 58	20 21	2 27	9 28	1 25	20 36	0 29	21 42	0 41	9 52	2 31	6 29	0 45	15 16
M28	18 35	4s25	3 55	20 30	2 16	8 58	1 23	20 43	0 28	21 43	0 41	9 52	2 31	6 28	0 45	15 16
T 29	18 19	8 41	4 38	20 38	2 5	8 29	1 21	20 51	0 27	21 45	0 41	9 52	2 31	6 27	0 45	15 17
W30	18 3	12 31	5 6	20 45	1 55	7 59	1 19	20 58	0 27	21 46	0 41	9 52	2 32	6 26	0 45	15 17
T 31	17s47	15s38	5n14	20s52	1n44	7s29	1s17	21s 5	0n26	21s47	0n41	9s52	2n32	6s25	0s44	15n18

Julian Day Number = 2423785.5, Delta T = 23.48 sec  
Ecliptic obliquity = 23°26'48, Nutation = - 0°00'07, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 23°40'44, Lahiri = 22°47'44

# ASTRODIENST EPHEMERIS for the year 1924

## geocentric

FEBRUARY 1924

00:00 UT

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

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat		
F 1	17s31	17s49	5n 4	20s57	1n33	6s59	1s15	21s12	0n25	21s48	0n41	9s53	2n32	6s24	0s44	15n18	0n15	20n33	2s28	10n39	10n16	13n55	7n39	1n 2	
S 2	17 14	18 52	4 34	21 2	1 22	6 28	1 13	21 19	0 25	21 49	0 41	9 53	2 32	6 23	0 44	15 19	0 15	20 33	2 28	10 40	10 18	13 56	7 39	1 2	
S 3	16 57	18 43	3 47	21 7	1 11	5 58	1 11	21 26	0 24	21 50	0 41	9 53	2 33	6 21	0 44	15 19	0 15	20 33	2 28	10 41	10 19	13 58	7 40	1 1	
M 4	16 39	17 24	2 47	21 10	1 1	5 27	1 8	21 32	0 23	21 52	0 41	9 53	2 33	6 20	0 44	15 20	0 15	20 33	2 28	10 42	10 20	13 59	7 41	1 1	
T 5	16 22	15 3	1 38	21 12	0 50	4 56	1 6	21 39	0 23	21 53	0 41	9 53	2 33	6 19	0 44	15 20	0 15	20 34	2 28	10 43	10 21	14 1	7 41	1 1	
W 6	16 4	11 54	0 25	21 14	0 40	4 25	1 3	21 45	0 22	21 54	0 41	9 53	2 33	6 18	0 44	15 21	0 15	20 34	2 28	10 43	10 22	14 2	7 42	1 1	
T 7	15 46	8 13	0s48	21 14	0 30	3 54	1 1	21 51	0 21	21 55	0 41	9 53	2 34	6 17	0 44	15 21	0 15	20 34	2 28	10 43	10 23	14 4	7 43	1 1	
F 8	15 27	4 14	1 57	21 13	0 20	3 23	0 58	21 57	0 20	21 56	0 41	9 53	2 34	6 15	0 44	15 22	0 15	20 34	2 28	10 43	10 24	14 5	7 43	1 1	
S 9	15 8	0 10	2 59	21 11	0 11	2 51	0 56	22 2	0 20	21 57	0 41	9 52	2 34	6 14	0 44	15 22	0 15	20 34	2 28	10 42	10 26	14 6	7 44	1 1	
S 10	14 49	3n49	3 50	21 8	0 2	2 20	0 53	22 8	0 19	21 58	0 41	9 52	2 34	6 13	0 44	15 23	0 15	20 34	2 28	10 42	10 27	14 8	7 45	1 1	
M 11	14 30	7 34	4 31	21 4	0s 7	1 49	0 50	22 13	0 18	21 59	0 41	9 52	2 35	6 12	0 44	15 24	0 15	20 35	2 27	10 41	10 28	14 9	7 46	1 1	
T 12	14 11	10 57	4 59	20 58	0 16	1 17	0 47	22 18	0 17	22 0	0 41	9 52	2 35	6 10	0 44	15 24	0 15	20 35	2 27	10 41	10 29	14 11	7 46	1 1	
W 13	13 51	13 53	5 14	20 52	0 25	0 46	0 44	22 23	0 16	22 1	0 41	9 51	2 35	6 9	0 44	15 25	0 15	20 35	2 27	10 41	10 30	14 12	7 47	1 1	
T 14	13 31	16 14	5 16	20 44	0 33	0 14	0 41	22 28	0 16	22 1	0 41	9 51	2 35	6 8	0 44	15 25	0 16	20 35	2 27	10 41	10 31	14 14	7 48	1 1	
F 15	13 11	17 55	5 4	20 35	0 41	0n17	0 38	22 33	0 15	22 2	0 41	9 51	2 36	6 7	0 44	15 26	0 16	20 35	2 27	10 41	10 32	14 15	7 49	1 1	
S 16	12 50	18 48	4 39	20 24	0 48	0 49	0 35	22 37	0 14	22 3	0 41	9 50	2 36	6 5	0 44	15 26	0 16	20 35	2 27	10 42	10 34	14 17	7 50	1 1	
S 17	12 30	18 50	4 0	20 13	0 56	1 21	0 32	22 42	0 13	22 4	0 41	9 50	2 36	6 4	0 44	15 27	0 16	20 36	2 27	10 42	10 35	14 18	7 50	1 1	
M 18	12 9	17 55	3 9	20 0	1 3	1 52	0 29	22 46	0 12	22 5	0 41	9 49	2 36	6 3	0 44	15 27	0 16	20 36	2 27	10 42	10 36	14 19	7 51	1 1	
T 19	11 48	16 5	2 7	19 46	1 9	2 24	0 25	22 50	0 11	22 5	0 41	9 49	2 37	6 1	0 44	15 28	0 16	20 36	2 27	10 42	10 37	14 21	7 52	1 1	
W 20	11 27	13 21	0 58	19 30	1 16	2 55	0 22	22 54	0 10	22 6	0 41	9 48	2 37	6 0	0 44	15 28	0 16	20 36	2 26	10 42	10 38	14 22	7 53	1 1	
T 21	11 5	9 52	0n17	19 14	1 22	3 26	0 19	22 57	0 10	22 7	0 41	9 48	2 37	5 59	0 44	15 29	0 16	20 36	2 26	10 42	10 39	14 24	7 54	1 1	
F 22	10 44	5 46	1 32	18 56	1 28	3 58	0 15	23 1	0 9	22 8	0 41	9 47	2 37	5 57	0 44	15 29	0 16	20 36	2 26	10 42	10 40	14 25	7 55	0 59	
S 23	10 22	1 19	2 43	18 36	1 33	4 29	0 12	23 4	0 8	22 8	0 41	9 47	2 38	5 56	0 44	15 30	0 16	20 37	2 26	10 42	10 42	14 27	7 56	0 59	
S 24	10 0	3s16	3 44	18 16	1 38	5 0	0 8	23 7	0 7	22 9	0 41	9 46	2 38	5 55	0 44	15 30	0 16	20 37	2 26	10 42	10 43	14 28	7 57	0 59	
M 25	9 38	7 41	4 32	17 54	1 43	5 31	0 4	23 10	0 6	22 10	0 42	9 45	2 38	5 53	0 44	15 31	0 16	20 37	2 26	10 43	10 44	14 29	7 58	0 59	
T 26	9 16	11 40	5 4	17 31	1 47	6 2	0 1	23 13	0 5	22 10	0 42	9 45	2 38	5 52	0 44	15 31	0 16	20 37	2 26	10 43	10 45	14 31	7 59	0 59	
W 27	8 54	14 58	5 17	17 6	1 52	6 33	0n 3	23 16	0 4	22 11	0 42	9 44	2 39	5 51	0 44	15 32	0 16	20 37	2 26	10 43	10 46	14 32	8 0	0 59	
T 28	8 31	17 21	5 10	16 40	1 55	7 3	0 7	23 18	0 3	22 11	0 42	9 43	2 39	5 49	0 44	15 32	0 16	20 37	2 26	10 43	10 47	14 34	8 1	0 59	
F 29	8s 9	18s41	4n45	16s13	1s59	7n34	0n10	23s21	0n 2	22s12	0n42	9s42	2n39	5s48	0s44	15n33	0n16	20n37	2s26	10n43	10n48	14n35	8n 2	0n59	

ASTRODIENST EPHEMERIS for the year 1924  
geocentric

MARCH 1924

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 5	10♈ 8'46	12♉ 5	23♊ 4	20♋ 4	26♌ 20	17♍ 56	2°R 2	17♎ 5	18°R26	10°R21	2♐10	1♐50	27♑30	18♒13	S 1
S 2	10 38 1	11° 8'58	25°54	24°40	21°15	26°58	18° 3	2♑ 0	17° 8	18♑25	10♑20	2°11	1°47	27°37	18°16	S 2
M 3	10 41 58	12° 9'09	9♊32	26°17	22°25	27°36	18° 9	1°58	17°12	18°23	10°20	2°12	1°44	27°44	18°19	M 3
T 4	10 45 54	13° 9'18	22°58	27°56	23°35	28°14	18°15	1°56	17°15	18°22	10°19	2°12	1°41	27°51	18°22	T 4
W 5	10 49 51	14° 9'25	6♋10	29°35	24°46	28°52	18°20	1°53	17°19	18°20	10°19	2°R12	1°37	27°57	18°25	W 5
T 6	10 53 48	15° 9'30	19° 9	1♌16	25°56	29°30	18°26	1°51	17°22	18°19	10°18	2°12	1°34	28° 4	18°28	T 6
F 7	10 57 44	16° 9'33	1♍53	2°58	27° 6	0♎ 8	18°31	1°48	17°25	18°17	10°18	2°11	1°31	28°11	18°31	F 7
S 8	11 1 41	17° 9'35	14°23	4°41	28°16	0°46	18°37	1°46	17°29	18°16	10°18	2° 9	1°28	28°17	18°34	S 8
S 9	11 5 37	18° 9'34	26°40	6°25	29°25	1°24	18°42	1°43	17°32	18°14	10°17	2° 6	1°25	28°24	18°38	S 9
M10	11 9 34	19° 9'31	8♌46	8°10	0♏35	2° 1	18°47	1°41	17°36	18°13	10°17	2° 4	1°22	28°31	18°41	M10
T 11	11 13 30	20° 9'27	20°43	9°56	1°44	2°39	18°52	1°38	17°39	18°11	10°17	2° 1	1°18	28°38	18°44	T 11
W12	11 17 27	21° 9'20	2♐37	11°43	2°54	3°17	18°56	1°35	17°43	18°10	10°16	1°59	1°15	28°44	18°47	W12
T 13	11 21 23	22° 9'10	14°29	13°32	4° 3	3°55	19° 1	1°32	17°46	18° 9	10°16	1°58	1°12	28°51	18°50	T 13
F 14	11 25 20	23° 8'59	26°26	15°22	5°12	4°32	19° 5	1°29	17°49	18° 7	10°16	1°D58	1° 9	28°58	18°54	F 14
S 15	11 29 16	24° 8'45	8♑31	17°13	6°21	5°10	19° 9	1°26	17°53	18° 6	10°15	1°59	1° 6	29° 4	18°57	S 15
S 16	11 33 13	25° 8'30	20°50	19° 5	7°29	5°48	19°13	1°23	17°56	18° 5	10°15	2° 0	1° 3	29°11	19° 0	S 16
M17	11 37 10	26° 8'11	3♒26	20°58	8°38	6°25	19°17	1°20	18° 0	18° 4	10°15	2° 2	0°59	29°18	19° 4	M17
T 18	11 41 6	27° 7'51	16°24	22°53	9°46	7° 3	19°20	1°16	18° 3	18° 2	10°15	2° 3	0°56	29°25	19° 7	T 18
W19	11 45 3	28° 7'28	29°45	24°48	10°54	7°40	19°24	1°13	18° 7	18° 1	10°15	2°R 4	0°53	29°31	19°10	W19
T 20	11 48 59	29° 7'04	13♐30	26°45	12° 2	8°18	19°27	1° 9	18°10	18° 0	10°15	2° 3	0°50	29°38	19°14	T 20
F 21	11 52 56	0♑ 6'37	27°37	28°43	13°10	8°55	19°30	1° 6	18°13	17°59	10°15	2° 2	0°47	29°45	19°17	F 21
S 22	11 56 52	1° 6'08	12♑ 2	0♒42	14°18	9°33	19°33	1° 2	18°17	17°58	10°14	1°58	0°43	29°52	19°21	S 22
S 23	12 0 49	2° 5'37	26°40	2°41	15°25	10°10	19°36	0°59	18°20	17°57	10°14	1°54	0°40	29°58	19°24	S 23
M24	12 4 45	3° 5'04	11♐22	4°42	16°32	10°47	19°38	0°55	18°23	17°55	10°14	1°50	0°37	0♓ 5	19°28	M24
T 25	12 8 42	4° 4'29	26° 3	6°43	17°39	11°25	19°40	0°51	18°27	17°54	10°D14	1°45	0°34	0°12	19°31	T 25
W26	12 12 39	5° 3'53	10♑36	8°45	18°46	12° 2	19°43	0°47	18°30	17°53	10°14	1°42	0°31	0°18	19°34	W26
T 27	12 16 35	6° 3'15	24°55	10°47	19°53	12°39	19°45	0°43	18°33	17°52	10°14	1°40	0°28	0°25	19°38	T 27
F 28	12 20 32	7° 2'35	8♒59	12°50	20°59	13°16	19°46	0°39	18°37	17°51	10°15	1°D39	0°24	0°32	19°41	F 28
S 29	12 24 28	8° 1'54	22°46	14°52	22° 5	13°53	19°48	0°35	18°40	17°50	10°15	1°40	0°21	0°39	19°45	S 29
S 30	12 28 25	9° 1'10	6♓17	16°55	23°11	14°31	19°49	0°31	18°43	17°49	10°15	1°42	0°18	0°45	19°49	S 30
M31	12 32 21	10♒ 0'25	19♓33	18°56	24♑17	15♒ 8	19°51	0♓27	18°47	17♑48	10♑15	1♑43	0♓15	0♓52	19°52	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	7s46	18s51	4n 3	15s45	2s 2	8n 4	0n14	23s23	0n 1	22s12	0n42	9s41	2n39	5s47	0s44	15n33
S 2	7 23	17 54	3 8	15 15	2 4	8 34	0 18	23 25	0 0	22 13	0 42	9 40	2 40	5 45	0 44	15 34
M 3	7 0	15 54	2 2	14 44	2 6	9 4	0 22	23 27	0s 1	22 14	0 42	9 39	2 40	5 44	0 44	15 34
T 4	6 37	13 4	0 51	14 12	2 8	9 34	0 26	23 28	0 2	22 14	0 42	9 39	2 40	5 43	0 44	15 35
W 5	6 14	9 35	0s22	13 38	2 9	10 3	0 30	23 30	0 3	22 14	0 42	9 38	2 40	5 41	0 44	15 35
T 6	5 51	5 43	1 32	13 4	2 10	10 33	0 34	23 31	0 4	22 15	0 42	9 37	2 40	5 40	0 44	15 36
F 7	5 28	1 39	2 37	12 27	2 11	11 2	0 38	23 32	0 5	22 15	0 42	9 36	2 41	5 39	0 44	15 36
S 8	5 4	2n24	3 32	11 50	2 11	11 31	0 42	23 33	0 6	22 16	0 42	9 34	2 41	5 37	0 44	15 37
S 9	4 41	6 17	4 17	11 11	2 11	11 59	0 46	23 34	0 7	22 16	0 42	9 33	2 41	5 36	0 44	15 37
M10	4 18	9 51	4 50	10 31	2 10	12 28	0 50	23 34	0 9	22 17	0 42	9 32	2 41	5 35	0 44	15 37
T 11	3 54	12 58	5 9	9 50	2 9	12 56	0 54	23 35	0 10	22 17	0 42	9 31	2 41	5 33	0 44	15 38
W12	3 30	15 32	5 15	9 7	2 7	13 23	0 58	23 35	0 11	22 17	0 42	9 30	2 42	5 32	0 44	15 38
T 13	3 7	17 27	5 8	8 24	2 5	13 51	1 2	23 35	0 12	22 18	0 42	9 29	2 42	5 31	0 44	15 39
F 14	2 43	18 37	4 47	7 39	2 2	14 18	1 6	23 35	0 13	22 18	0 42	9 28	2 42	5 29	0 44	15 39
S 15	2 20	18 57	4 13	6 53	1 59	14 45	1 10	23 35	0 14	22 18	0 42	9 26	2 42	5 28	0 44	15 40
S 16	1 56	18 25	3 28	6 5	1 55	15 11	1 14	23 35	0 16	22 18	0 42	9 25	2 42	5 27	0 44	15 40
M17	1 32	16 57	2 31	5 17	1 51	15 37	1 19	23 34	0 17	22 19	0 42	9 24	2 43	5 25	0 44	15 40
T 18	1 8	14 34	1 25	4 27	1 46	16 3	1 23	23 34	0 18	22 19	0 42	9 22	2 43	5 24	0 44	15 41
W19	0 45	11 22	0 13	3 37	1 41	16 29	1 27	23 33	0 19	22 19	0 42	9 21	2 43	5 23	0 44	15 41
T 20	0 21	7 27	1n 2	2 45	1 35	16 54	1 31	23 32	0 20	22 19	0 42	9 20	2 43	5 21	0 44	15 42
F 21	0n 3	3 1	2 16	1 52	1 29	17 18	1 35	23 30	0 22	22 20	0 42	9 18	2 43	5 20	0 44	15 42
S 22	0 26	1s40	3 22	0 59	1 22	17 43	1 39	23 29	0 23	22 20	0 42	9 17	2 43	5 19	0 44	15 42
S 23	0 50	6 19	4 15	0 4	1 14	18 7	1 43	23 28	0 24	22 20	0 42	9 16	2 44	5 17	0 44	15 43
M24	1 14	10 36	4 53	0n51	1 7	18 30	1 47	23 26	0 26	22 20	0 42	9 14	2 44	5 16	0 44	15 43
T 25	1 37	14 14	5 10	1 47	0 58	18 53	1 51	23 24	0 27	22 20	0 42	9 13	2 44	5 15	0 44	15 43
W26	2 1	16 57	5 8	2 43	0 49	19 16	1 55	23 22	0 28	22 20	0 43	9 11	2 44	5 14	0 44	15 44
T 27	2 24	18 34	4 47	3 40	0 40	19 38	1 59	23 20	0 30	22 21	0 43	9 10	2 44	5 12	0 44	15 44
F 28	2 48	19 1	4 8	4 37	0 30	19 59	2 3	23 18	0 31	22 21	0 43	9 8	2 44	5 11	0 44	15 44
S 29	3 11	18 18	3 16	5 34	0 19	20 21	2 7	23 16	0 32	22 21	0 43	9 7	2 44	5 10	0 44	15 44
S 30	3 35	16 33	2 14	6 31	0 9	20 41	2 11	23 13	0 34	22 21	0 43	9 5	2 44	5 8	0 44	15 45
M31	3n58	13s55	1n 6	7n27	0n 2	21n 2	2n15	23s10	0s35	22s21	0n43	9s 4	2n45	5s 7	0s44	15n45

Julian Day Number = 2423845.5, Delta T = 23.54 sec  
Ecliptic obliquity = 23°26'49, Nutation = - 0°00'07, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 23°40'52, Lahiri = 22°47'52



ASTRODIENST EPHEMERIS for the year 1924  
geocentric

MAY 1924

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 34 34	10 <sup>8</sup> 20'15	7 <sup>7</sup> 23	20°R45	25 <sup>II</sup> 35	3 <sup>≈</sup> 41	18°R57	28°R 9	20 <sup>⋈</sup> 17	17 <sup>♊</sup> 235	10 <sup>♈</sup> 31	29°R43	28 <sup>♊</sup> 36	4 <sup>♊</sup> 20	21 <sup>♊</sup> 42	T 1
F 2	14 38 31	11°18'28	19°36	20 <sup>♈</sup> 24	26°29	4°15	18 <sup>♈</sup> 53	28 <sup>♈</sup> 4	20°19	17°36	10°32	29 <sup>♊</sup> 35	28°33	4°27	21°45	F 2
S 3	14 42 28	12°16'40	1 <sup>♈</sup> 42	19°59	27°22	4°50	18°48	28° 0	20°22	17°36	10°32	29°24	28°30	4°34	21°49	S 3
S 4	14 46 24	13°14'50	13°42	19°30	28°14	5°24	18°43	27°55	20°24	17°36	10°33	29°11	28°27	4°41	21°52	S 4
M 5	14 50 21	14°12'58	25°38	18°59	29° 5	5°58	18°38	27°51	20°27	17°36	10°34	28°58	28°24	4°47	21°55	M 5
T 6	14 54 17	15°11'04	7 <sup>♊</sup> 31	18°25	29°56	6°32	18°33	27°47	20°29	17°36	10°35	28°44	28°20	4°54	21°59	T 6
W 7	14 58 14	16° 9'09	19°22	17°50	0 <sup>♈</sup> 46	7° 6	18°28	27°43	20°31	17°37	10°36	28°32	28°17	5° 1	22° 2	W 7
T 8	15 2 10	17° 7'12	1 <sup>♈</sup> 14	17°14	1°36	7°39	18°22	27°38	20°33	17°37	10°37	28°23	28°14	5° 8	22° 5	T 8
F 9	15 6 7	18° 5'13	13° 9	16°37	2°24	8°13	18°17	27°34	20°36	17°37	10°38	28°16	28°11	5°14	22° 9	F 9
S 10	15 10 3	19° 3'12	25°11	16° 0	3°12	8°46	18°11	27°30	20°38	17°37	10°39	28°11	28° 8	5°21	22°12	S 10
S 11	15 14 0	20° 1'10	7 <sup>♊</sup> 25	15°25	3°59	9°19	18° 5	27°26	20°40	17°38	10°40	28° 9	28° 5	5°28	22°15	S 11
M 12	15 17 57	20°59'05	19°54	14°50	4°45	9°52	17°59	27°22	20°42	17°38	10°41	28° 9	28° 1	5°34	22°19	M 12
T 13	15 21 53	21°56'59	2 <sup>♊</sup> 44	14°18	5°31	10°25	17°53	27°18	20°44	17°39	10°42	28° 9	27°58	5°41	22°22	T 13
W 14	15 25 50	22°54'51	16° 0	13°49	6°15	10°58	17°47	27°14	20°46	17°39	10°43	28° 8	27°55	5°48	22°25	W 14
T 15	15 29 46	23°52'41	29°44	13°22	6°58	11°30	17°41	27°10	20°48	17°40	10°44	28° 5	27°52	5°55	22°28	T 15
F 16	15 33 43	24°50'30	13 <sup>♊</sup> 57	12°59	7°41	12° 3	17°34	27° 6	20°50	17°40	10°45	28° 0	27°49	6° 1	22°31	F 16
S 17	15 37 39	25°48'16	28°39	12°40	8°22	12°35	17°28	27° 3	20°52	17°41	10°47	27°53	27°45	6° 8	22°34	S 17
S 18	15 41 36	26°46'02	13 <sup>♊</sup> 43	12°24	9° 2	13° 7	17°21	26°59	20°54	17°42	10°48	27°43	27°42	6°15	22°38	S 18
M 19	15 45 32	27°43'45	29° 0	12°13	9°41	13°39	17°14	26°55	20°56	17°42	10°49	27°32	27°39	6°21	22°41	M 19
T 20	15 49 29	28°41'28	14 <sup>♊</sup> 20	12° 6	10°19	14°11	17° 8	26°52	20°57	17°43	10°50	27°22	27°36	6°28	22°44	T 20
W 21	15 53 26	29°39'09	29°30	12°D 4	10°56	14°42	17° 1	26°48	20°59	17°44	10°51	27°13	27°33	6°35	22°47	W 21
T 22	15 57 22	0 <sup>♊</sup> 36'50	14 <sup>♊</sup> 21	12° 6	11°31	15°13	16°54	26°45	21° 1	17°44	10°52	27° 6	27°30	6°42	22°50	T 22
F 23	16 1 19	1°34'29	28°47	12°13	12° 5	15°44	16°47	26°42	21° 2	17°45	10°54	27° 1	27°26	6°48	22°53	F 23
S 24	16 5 15	2°32'07	12 <sup>♊</sup> 44	12°24	12°38	16°15	16°40	26°38	21° 4	17°46	10°55	26°59	27°23	6°55	22°56	S 24
S 25	16 9 12	3°29'44	26°14	12°40	13° 9	16°46	16°32	26°35	21° 5	17°47	10°56	26°59	27°20	7° 2	22°59	S 25
M 26	16 13 8	4°27'20	9 <sup>♊</sup> 20	13° 0	13°39	17°16	16°25	26°32	21° 7	17°48	10°57	26°59	27°17	7° 9	23° 1	M 26
T 27	16 17 5	5°24'55	22° 3	13°25	14° 8	17°46	16°18	26°29	21° 8	17°49	10°59	26°58	27°14	7°15	23° 4	T 27
W 28	16 21 1	6°22'29	4 <sup>♊</sup> 30	13°53	14°34	18°16	16°10	26°26	21°10	17°49	11° 0	26°55	27°11	7°22	23° 7	W 28
T 29	16 24 58	7°20'03	16°44	14°26	15° 0	18°46	16° 3	26°23	21°11	17°50	11° 1	26°50	27° 7	7°29	23°10	T 29
F 30	16 28 55	8°17'35	28°48	15° 3	15°23	19°16	15°55	26°20	21°13	17°51	11° 2	26°42	27° 4	7°35	23°13	F 30
S 31	16 32 51	9 <sup>♊</sup> 15'07	10 <sup>♊</sup> 47	15 <sup>♊</sup> 44	15 <sup>♊</sup> 45	19 <sup>♊</sup> 45	15 <sup>♊</sup> 48	26 <sup>♊</sup> 17	21 <sup>♊</sup> 14	17 <sup>♊</sup> 52	11 <sup>♊</sup> 4	26 <sup>♊</sup> 32	27 <sup>♊</sup> 1	7 <sup>♊</sup> 42	23 <sup>♊</sup> 15	S 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	decl lat	decl lat	decl lat
T 1	14n56	0n 6	3s 5	19n44	1n51	27n 3	3n41	20s47	1s30	22s16	0n43	8s15	2n45	4s32	0s45	15n49	0n16
F 2	15 14	4 6	3 51	19 26	1 38	27 5	3 42	20 41	1 32	22 16	0 43	8 13	2 45	4 31	0 45	15 49	0 16
S 3	15 32	7 54	4 27	19 5	1 24	27 8	3 42	20 35	1 34	22 16	0 43	8 12	2 45	4 30	0 45	15 49	0 16
S 4	15 49	11 21	4 50	18 43	1 9	27 9	3 43	20 29	1 36	22 15	0 43	8 10	2 45	4 29	0 45	15 49	0 16
M 5	16 7	14 19	5 0	18 19	0 53	27 10	3 44	20 22	1 38	22 15	0 43	8 9	2 45	4 29	0 45	15 49	0 16
T 6	16 24	16 41	4 57	17 54	0 37	27 11	3 44	20 16	1 40	22 15	0 43	8 7	2 45	4 28	0 45	15 49	0 16
W 7	16 41	18 21	4 41	17 28	0 20	27 11	3 44	20 10	1 43	22 14	0 43	8 6	2 45	4 27	0 45	15 49	0 16
T 8	16 57	19 13	4 13	17 1	0 3	27 10	3 44	20 3	1 45	22 14	0 43	8 5	2 44	4 26	0 45	15 49	0 16
F 9	17 13	19 15	3 34	16 34	0s15	27 9	3 44	19 57	1 47	22 13	0 43	8 3	2 44	4 25	0 45	15 49	0 16
S 10	17 29	18 24	2 45	16 7	0 32	27 8	3 44	19 50	1 49	22 13	0 43	8 2	2 44	4 24	0 45	15 49	0 16
S 11	17 45	16 42	1 47	15 40	0 50	27 6	3 43	19 43	1 52	22 12	0 43	8 1	2 44	4 23	0 45	15 48	0 16
M 12	18 1	14 10	0 44	15 14	1 7	27 4	3 42	19 37	1 54	22 12	0 43	7 59	2 44	4 23	0 45	15 48	0 16
T 13	18 16	10 53	0n24	14 49	1 23	27 1	3 41	19 30	1 56	22 11	0 43	7 58	2 44	4 22	0 45	15 48	0 16
W 14	18 30	6 57	1 33	14 25	1 39	26 58	3 40	19 23	1 59	22 11	0 42	7 57	2 44	4 21	0 45	15 48	0 16
T 15	18 45	2 32	2 39	14 2	1 54	26 54	3 39	19 17	2 1	22 10	0 42	7 55	2 44	4 20	0 45	15 48	0 16
F 16	18 59	2s11	3 23	13 42	2 9	26 50	3 37	19 10	2 4	22 10	0 42	7 54	2 43	4 20	0 45	15 48	0 16
S 17	19 13	6 54	4 37	13 23	2 22	26 46	3 35	19 3	2 6	22 9	0 42	7 53	2 43	4 19	0 45	15 47	0 16
S 18	19 26	11 19	4 51	13 6	2 35	26 41	3 33	18 56	2 9	22 9	0 42	7 52	2 43	4 18	0 45	15 47	0 16
M 19	19 40	15 3	5 0	12 52	2 46	26 36	3 31	18 50	2 11	22 8	0 42	7 51	2 43	4 18	0 45	15 47	0 16
T 20	19 52	17 46	4 47	12 40	2 57	26 30	3 28	18 43	2 14	22 7	0 42	7 50	2 43	4 17	0 45	15 47	0 16
W 21	20 5	19 12	4 14	12 30	3 6	26 24	3 25	18 36	2 16	22 7	0 42	7 49	2 43	4 16	0 45	15 47	0 16
T 22	20 17	19 17	3 25	12 23	3 15	26 18	3 22	18 29	2 19	22 6	0 42	7 47	2 42	4 16	0 45	15 46	0 16
F 23	20 29	18 5	2 23	12 18	3 22	26 12	3 19	18 23	2 22	22 6	0 42	7 46	2 42	4 15	0 45	15 46	0 16
S 24	20 40	15 48	1 15	12 15	3 28	26 5	3 15	18 16	2 24	22 5	0 42	7 45	2 42	4 14	0 45	15 46	0 16
S 25	20 52	12 43	0 4	12 15	3 33	25 58	3 11	18 9	2 27	22 4	0 42	7 44	2 42	4 14	0 46	15 46	0 16
M 26	21 2	9 5	1s 5	12 17	3 38	25 50	3 6	18 3	2 30	22 4	0 42	7 43	2 42	4 13	0 46	15 45	0 16
T 27	21 13	5 7	2 8	12 21	3 41	25 42	3 2	17 56	2 33	22 3	0 42	7 43	2 42	4 13	0 46	15 45	0 16
W 28	21 23	1 2	3 4	12 28	3 43	25 35	2 57	17 49	2 36	22 2	0 41	7 42	2 41	4 12	0 46	15 45	0 16
T 29	21 32	3n 1	3 51	12 36	3 44	25 26	2 51	17 43	2 38	22 2	0 41	7 41	2 41	4 12	0 46	15 45	0 16
F 30	21 42	6 54	4 26	12 47	3 45	25 18	2 46	17 36	2 41	22 1	0 41	7 40	2 41	4 11	0 46	15 44	0 16
S 31	21n51	10n29	4s49	12n59	3s44	25n 9	2n40	17s30	2s44	22s 0	0n41	7s39	2n41	4s11	0s46	15n44	0n16

Julian Day Number = 2423906.5, Delta T = 23.59 sec  
Ecliptic obliquity = 23°26'49, Nutation = - 0°00'10, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 23°41'00, Lahiri = 22°48'01

ASTRODIENST EPHEMERIS for the year 1924  
geocentric

JUNE 1924

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 36 48	10II12'37	22841	16829	1685 5	20814	15°R40	26°R15	21°R15	17°L53	11°5 5	26°R19	26°L58	7II49	23°V18	S 1
M 2	16 40 44	11°10'07	4II33	17°17	16°23	20°42	15°R33	26°L12	21°16	17°55	11° 6	26°L 6	26°55	7°56	23°21	M 2
T 3	16 44 41	12° 7'36	16°25	18° 9	16°40	21°11	15°25	26°10	21°17	17°56	11° 8	25°53	26°51	8° 2	23°23	T 3
W 4	16 48 37	13° 5'04	28°17	19° 5	16°54	21°39	15°17	26° 7	21°19	17°57	11° 9	25°41	26°48	8° 9	23°26	W 4
T 5	16 52 34	14° 2'31	10813	20° 4	17° 6	22° 6	15°10	26° 5	21°20	17°58	11°10	25°31	26°45	8°16	23°28	T 5
F 6	16 56 30	14°59'56	22°12	21° 7	17°16	22°34	15° 2	26° 3	21°21	17°59	11°12	25°24	26°42	8°22	23°31	F 6
S 7	17 0 27	15°57'21	4819	22°13	17°24	23° 1	14°55	26° 1	21°22	18° 0	11°13	25°20	26°39	8°29	23°33	S 7
S 8	17 4 24	16°54'45	16°36	23°22	17°30	23°28	14°47	25°59	21°23	18° 2	11°15	25°18	26°36	8°36	23°36	S 8
M 9	17 8 20	17°52'07	29° 7	24°34	17°34	23°54	14°39	25°57	21°23	18° 3	11°16	25°D17	26°32	8°43	23°38	M 9
T 10	17 12 17	18°49'29	11II56	25°49	17°R35	24°20	14°32	25°55	21°24	18° 4	11°17	25°18	26°29	8°49	23°41	T 10
W11	17 16 13	19°46'49	25° 8	27° 8	17°34	24°46	14°24	25°53	21°25	18° 5	11°19	25°R18	26°26	8°56	23°43	W11
T 12	17 20 10	20°44'09	8845	28°29	17°30	25°12	14°16	25°51	21°26	18° 7	11°20	25°16	26°23	9° 3	23°45	T 12
F 13	17 24 6	21°41'27	22°49	29°54	17°25	25°37	14° 9	25°50	21°26	18° 8	11°22	25°13	26°20	9°10	23°48	F 13
S 14	17 28 3	22°38'45	7II21	1II22	17°16	26° 1	14° 1	25°48	21°27	18°10	11°23	25° 7	26°17	9°16	23°50	S 14
S 15	17 31 59	23°36'01	22°16	2°52	17° 5	26°26	13°54	25°47	21°28	18°11	11°25	25° 0	26°13	9°23	23°52	S 15
M16	17 35 56	24°33'17	7826	4°26	16°52	26°50	13°47	25°45	21°28	18°13	11°26	24°51	26°10	9°30	23°54	M16
T 17	17 39 53	25°30'33	22°43	6° 2	16°37	27°13	13°39	25°44	21°29	18°14	11°28	24°43	26° 7	9°36	23°56	T 17
W18	17 43 49	26°27'48	7855	7°42	16°19	27°36	13°32	25°43	21°29	18°15	11°29	24°35	26° 4	9°43	23°58	W18
T 19	17 47 46	27°25'02	22°51	9°24	15°59	27°59	13°25	25°42	21°29	18°17	11°31	24°29	26° 1	9°50	24° 0	T 19
F 20	17 51 42	28°22'16	7824	11° 9	15°36	28°21	13°17	25°41	21°30	18°19	11°32	24°26	25°57	9°57	24° 2	F 20
S 21	17 55 39	29°19'30	21°30	12°57	15°12	28°43	13°10	25°40	21°30	18°20	11°34	24°D25	25°54	10° 3	24° 4	S 21
S 22	17 59 35	0816'43	588 8	14°48	14°45	29° 5	13° 3	25°39	21°30	18°22	11°35	24°25	25°51	10°10	24° 6	S 22
M23	18 3 32	1°13'56	18°19	16°41	14°17	29°26	12°56	25°39	21°31	18°23	11°37	24°26	25°48	10°17	24° 8	M23
T 24	18 7 28	2°11'10	1°V 5	18°37	13°46	29°46	12°49	25°38	21°31	18°25	11°38	24°R27	25°45	10°23	24° 9	T 24
W25	18 11 25	3° 8'23	13°33	20°35	13°14	086 6	12°43	25°38	21°31	18°27	11°40	24°26	25°42	10°30	24°11	W25
T 26	18 15 22	4° 5'36	25°45	22°36	12°41	0°26	12°36	25°37	21°31	18°28	11°41	24°24	25°38	10°37	24°13	T 26
F 27	18 19 18	5° 2'49	7846	24°38	12° 7	0°45	12°29	25°37	21°R31	18°30	11°43	24°19	25°35	10°44	24°14	F 27
S 28	18 23 15	6° 0'02	19°41	26°43	11°31	1° 3	12°23	25°37	21°31	18°32	11°44	24°13	25°32	10°50	24°16	S 28
S 29	18 27 11	6°57'15	1II33	28°49	10°55	1°21	12°16	25°D37	21°31	18°34	11°46	24° 5	25°29	10°57	24°18	S 29
M30	18 31 8	7854'29	13II25	0857	10818	1838	12810	25837	21831	18835	11847	23857	25826	11II 4	24819	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	21n59	13n37	5s 0	13n13	3s43	25n 1	2n33	17s23	2s47	22s 0	0n41	7s38	2n40	4s10	0s46	15n44	0n16	20n44	2s16	12n45	12n32	16n38	9n52	0n53	
M 2	22 7	16 11	4 57	13 28	3 40	24 52	2 26	17 17	2 50	21 59	0 41	7 38	2 40	4 10	0 46	15 43	0 16	20 44	2 16	12 49	12 33	16 39	9 53	0 53	
T 3	22 15	18 5	4 42	13 46	3 37	24 43	2 19	17 10	2 53	21 58	0 41	7 37	2 40	4 9	0 46	15 43	0 16	20 44	2 15	12 54	12 34	16 40	9 54	0 53	
W 4	22 23	19 12	4 14	14 4	3 34	24 33	2 12	17 4	2 56	21 58	0 41	7 36	2 40	4 9	0 46	15 43	0 16	20 44	2 15	12 58	12 35	16 41	9 55	0 53	
T 5	22 30	19 29	3 35	14 24	3 29	24 24	2 4	16 58	2 59	21 57	0 41	7 36	2 40	4 9	0 46	15 42	0 16	20 44	2 15	13 1	12 36	16 43	9 56	0 52	
F 6	22 36	18 53	2 46	14 45	3 24	24 14	1 55	16 52	3 2	21 56	0 41	7 35	2 39	4 8	0 46	15 42	0 16	20 44	2 15	13 4	12 37	16 44	9 57	0 52	
S 7	22 42	17 25	1 49	15 8	3 18	24 5	1 47	16 46	3 5	21 55	0 40	7 35	2 39	4 8	0 46	15 42	0 16	20 44	2 15	13 5	12 38	16 45	9 58	0 52	
S 8	22 48	15 8	0 46	15 31	3 12	23 55	1 37	16 40	3 8	21 55	0 40	7 34	2 39	4 8	0 46	15 41	0 16	20 44	2 15	13 6	12 39	16 46	9 59	0 52	
M 9	22 54	12 6	0n20	15 55	3 5	23 45	1 28	16 34	3 12	21 54	0 40	7 34	2 39	4 7	0 46	15 41	0 16	20 44	2 15	13 6	12 40	16 47	9 59	0 52	
T 10	22 59	8 26	1 27	16 21	2 58	23 35	1 18	16 28	3 15	21 53	0 40	7 33	2 38	4 7	0 46	15 40	0 16	20 44	2 15	13 6	12 41	16 49	10 0	0 52	
W11	23 3	4 16	2 32	16 46	2 49	23 25	1 8	16 23	3 18	21 52	0 40	7 33	2 38	4 7	0 46	15 40	0 16	20 44	2 15	13 6	12 43	16 50	10 1	0 52	
T 12	23 7	0s15	3 30	17 13	2 41	23 14	0 57	16 17	3 21	21 52	0 40	7 32	2 38	4 6	0 46	15 40	0 16	20 44	2 15	13 6	12 44	16 51	10 2	0 52	
F 13	23 11	4 54	4 17	17 40	2 32	23 4	0 46	16 12	3 25	21 51	0 40	7 32	2 38	4 6	0 46	15 39	0 16	20 43	2 15	13 7	12 45	16 52	10 3	0 52	
S 14	23 15	9 24	4 50	18 7	2 22	22 54	0 34	16 6	3 28	21 50	0 39	7 32	2 37	4 6	0 46	15 39	0 16	20 43	2 15	13 9	12 46	16 53	10 4	0 52	
S 15	23 18	13 27	5 4	18 34	2 12	22 43	0 22	16 1	3 31	21 49	0 39	7 31	2 37	4 6	0 46	15 38	0 16	20 43	2 14	13 12	12 47	16 55	10 4	0 52	
M16	23 20	16 41	4 57	19 2	2 2	22 33	0 10	15 56	3 35	21 49	0 39	7 31	2 37	4 6	0 46	15 38	0 16	20 43	2 14	13 15	12 48	16 56	10 5	0 52	
T 17	23 22	18 46	4 29	19 29	1 52	22 22	0s 3	15 51	3 38	21 48	0 39	7 31	2 37	4 5	0 46	15 37	0 16	20 43	2 14	13 17	12 49	16 57	10 6	0 52	
W18	23 24	19 31	3 42	19 57	1 41	22 11	0 16	15 46	3 41	21 47	0 39	7 31	2 36	4 5	0 46	15 37	0 16	20 43	2 14	13 20	12 50	16 58	10 7	0 52	
T 19	23 25	18 52	2 41	20 23	1 30	22 0	0 29	15 42	3 45	21 47	0 39	7 31	2 36	4 5	0 46	15 36	0 16	20 43	2 14	13 22	12 51	16 59	10 7	0 52	
F 20	23 26	16 59	1 30	20 50	1 18	21 50	0 43	15 37	3 48	21 46	0 39	7 30	2 36	4 5	0 46	15 36	0 16	20 43	2 14	13 23	12 52	17 0	10 8	0 52	
S 21	23 27	14 6	0 16	21 15	1 7	21 39	0 57	15 33	3 52	21 45	0 38	7 30	2 36	4 5	0 47	15 36	0 16	20 43	2 14	13 23	12 53	17 2	10 9	0 52	
S 22	23 27	10 31	0s57	21 40	0 55	21 28	1 10	15 28	3 55	21 44	0 38	7 30	2 35	4 5	0 47	15 35	0 16	20 43	2 14	13 23	12 54	17 3	10 9	0 52	
M23	23 26	6 32	2 5	22 4	0 43	21 17	1 25	15 24	3 59	21 44	0 38	7 30	2 35	4 5	0 47	15 35	0 16	20 43	2 14	13 23	12 55	17 4	10 10	0 52	
T 24	23 26	2 23	3 4	22 26	0 32	21 6	1 39	15 20	4 3	21 43	0 38	7 30	2 35	4 5	0 47	15 34	0 16	20 43	2 14	13 23	12 57	17 5	10 11	0 52	
W25	23 25	1n46	3 53	22 47	0 20	20 55	1 53	15 17	4 6	21 42	0 38	7 31	2 35	4 5	0 47	15 34	0 16	20 43	2 14	13 23	12 58	17 6	10 11	0 52	
T 26	23 23	5 46	4 30	23 6	0 9	20 44	2 7	15 13	4 10	21 42	0 38	7 31	2 34	4 5	0 47	15 33	0 16	20 43	2 14	13 24	12 59	17 7	10 12	0 52	
F 27	23 21	9 27	4 55	23 23	0n 2	20 33	2 21	15 10	4 14	21 41	0 37	7 31	2 34	4 5	0 47	15 33	0 16	20 43	2 14	13 25	13 0	17 9	10 12	0 52	
S 28	23 19	12 45	5 6	23 38	0 13	20 22	2 35	15 7	4 17	21 40	0 37	7 31	2 34	4 5	0 47	15 32	0 16	20 43	2 14	13 27	13 1	17 10	10 13	0 52	
S 29	23 16	15 30	5 5	23 51	0 24	20 11	2 49	15 4	4 21	21 40	0 37	7 31	2 34	4 5	0 47	15 31	0 16	20 43	2 14	13 30	13 2	17 11	10 13	0 52	
M30	23n13	17n37	4s50	24n 1	0n34	20n 1	3s 3	15s 1	4s25	21s39	0n37	7s31	2n33	4s 5	0s47	15n31	0n16	20n42	2s13	13n33	13n 3	17n12	10n14	0n52	



ASTRODIENST EPHEMERIS for the year 1924  
geocentric

JULY 1924

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 35 4	8♂51'42	25♂18	3♂5 5	9°R40	1♂55	12°R 4	25♂37	21°R30	18♂37	11♂49	23°R48	25♂23	11♂10	24°V21	T 1
W 2	18 39 1	9°48'55	7♂15	5°15	9♂3	2°11	11♂58	25°37	21♂30	18°39	11°50	23♂40	25°19	11°17	24°22	W 2
T 3	18 42 57	10°46'08	19°17	7°25	8°26	2°27	11°52	25°38	21°30	18°41	11°52	23°34	25°16	11°24	24°23	T 3
F 4	18 46 54	11°43'21	1♂26	9°36	7°49	2°42	11°46	25°38	21°29	18°43	11°53	23°30	25°13	11°31	24°25	F 4
S 5	18 50 51	12°40'34	13°43	11°46	7°12	2°56	11°41	25°39	21°29	18°44	11°55	23°28	25°10	11°37	24°26	S 5
S 6	18 54 47	13°37'47	26°11	13°56	6°36	3°10	11°35	25°39	21°29	18°46	11°56	23°D27	25° 7	11°44	24°27	S 6
M 7	18 58 44	14°35'00	8♂52	16° 6	6° 2	3°23	11°30	25°40	21°28	18°48	11°58	23°28	25° 3	11°51	24°28	M 7
T 8	19 2 40	15°32'12	21°49	18°15	5°28	3°35	11°24	25°41	21°28	18°50	11°59	23°30	25° 0	11°58	24°29	T 8
W 9	19 6 37	16°29'25	5♂3	20°22	4°56	3°47	11°19	25°42	21°27	18°52	12° 1	23°31	24°57	12° 4	24°30	W 9
T 10	19 10 33	17°26'37	18°38	22°29	4°26	3°58	11°14	25°43	21°26	18°54	12° 2	23°R31	24°54	12°11	24°31	T 10
F 11	19 14 30	18°23'49	2♂35	24°35	3°57	4° 9	11° 9	25°44	21°26	18°56	12° 4	23°31	24°51	12°18	24°32	F 11
S 12	19 18 26	19°21'01	16°53	26°39	3°30	4°19	11° 5	25°45	21°25	18°58	12° 5	23°28	24°48	12°24	24°33	S 12
S 13	19 22 23	20°18'13	1♂31	28°41	3° 6	4°28	11° 0	25°47	21°24	19° 0	12° 7	23°25	24°44	12°31	24°34	S 13
M14	19 26 20	21°15'25	16°23	0♂42	2°43	4°36	10°56	25°48	21°24	19° 2	12° 8	23°20	24°41	12°38	24°35	M14
T 15	19 30 16	22°12'38	1♂22	2°41	2°23	4°44	10°52	25°50	21°23	19° 4	12°10	23°16	24°38	12°45	24°36	T 15
W16	19 34 13	23° 9'50	16°20	4°39	2° 4	4°50	10°48	25°51	21°22	19° 6	12°11	23°12	24°35	12°51	24°36	W16
T 17	19 38 9	24° 7'03	1♂7	6°34	1°48	4°57	10°44	25°53	21°21	19° 8	12°13	23°10	24°32	12°58	24°37	T 17
F 18	19 42 6	25° 4'17	15°36	8°28	1°35	5° 2	10°40	25°55	21°20	19°10	12°14	23° 8	24°29	13° 5	24°38	F 18
S 19	19 46 2	26° 1'31	29°42	10°20	1°24	5° 7	10°37	25°57	21°19	19°12	12°16	23°D 8	24°25	13°11	24°38	S 19
S 20	19 49 59	26°58'45	13♂23	12°11	1°15	5°11	10°33	25°59	21°18	19°14	12°17	23° 9	24°22	13°18	24°39	S 20
M21	19 53 56	27°56'00	26°39	13°59	1° 9	5°14	10°30	26° 1	21°17	19°16	12°19	23°11	24°19	13°25	24°39	M21
T 22	19 57 52	28°53'16	9♂30	15°46	1° 5	5°16	10°27	26° 3	21°16	19°18	12°20	23°12	24°16	13°32	24°39	T 22
W23	20 1 49	29°50'33	22° 1	17°31	1°D 3	5°18	10°24	26° 5	21°14	19°20	12°22	23°13	24°13	13°38	24°40	W23
T 24	20 5 45	0♂47'51	4♂15	19°14	1° 4	5°R19	10°22	26° 8	21°13	19°23	12°23	23°R13	24° 9	13°45	24°40	T 24
F 25	20 9 42	1°45'10	16°18	20°56	1° 7	5°18	10°19	26°10	21°12	19°25	12°25	23°13	24° 6	13°52	24°40	F 25
S 26	20 13 38	2°42'29	28°13	22°35	1°13	5°18	10°17	26°13	21°11	19°27	12°26	23°11	24° 3	13°58	24°40	S 26
S 27	20 17 35	3°39'50	10♂5	24°13	1°20	5°16	10°15	26°15	21° 9	19°29	12°28	23° 8	24° 0	14° 5	24°40	S 27
M28	20 21 31	4°37'11	21°57	25°49	1°30	5°14	10°13	26°18	21° 8	19°31	12°29	23° 6	23°57	14°12	24°41	M28
T 29	20 25 28	5°34'34	3♂54	27°24	1°42	5°10	10°11	26°21	21° 6	19°33	12°30	23° 3	23°54	14°19	24°R41	T 29
W30	20 29 25	6°31'57	15°57	28°56	1°56	5° 6	10° 9	26°24	21° 5	19°36	12°32	23° 0	23°50	14°25	24°40	W30
T 31	20 33 21	7♂29'22	28♂8	0♂27	2♂11	5♂2	10♂8	26♂27	21♂3	19♂38	12♂33	22♂58	23♂47	14♂32	24°V40	T 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	decl lat	decl lat
T 1	23n 9	18n59	4s23	24n 9	0n44	19n50	3s16	14s58	4s29	21s38	0n37	7s32	2n33	4s 5	0s47	15n30
W 2	23 5	19 32	3 44	24 14	0 53	19 40	3 29	14 56	4 32	21 38	0 37	7 32	2 33	4 5	0 47	15 30
T 3	23 1	19 11	2 54	24 16	1 2	19 29	3 42	14 54	4 36	21 37	0 36	7 32	2 33	4 6	0 47	15 29
F 4	22 56	17 57	1 57	24 16	1 10	19 20	3 54	14 52	4 40	21 36	0 36	7 33	2 32	4 6	0 47	15 29
S 5	22 51	15 52	0 53	24 12	1 17	19 10	4 6	14 50	4 44	21 36	0 36	7 33	2 32	4 6	0 47	15 28
S 6	22 45	13 1	0n15	24 6	1 24	19 1	4 17	14 49	4 48	21 35	0 36	7 34	2 32	4 6	0 47	15 28
M 7	22 39	9 32	1 23	23 58	1 30	18 52	4 27	14 47	4 51	21 35	0 36	7 34	2 31	4 6	0 47	15 27
T 8	22 33	5 31	2 28	23 46	1 35	18 43	4 37	14 46	4 55	21 34	0 35	7 35	2 31	4 7	0 47	15 26
W 9	22 26	1 10	3 27	23 32	1 39	18 35	4 47	14 46	4 59	21 34	0 35	7 35	2 31	4 7	0 47	15 26
T 10	22 19	3s21	4 16	23 16	1 43	18 27	4 55	14 45	5 3	21 33	0 35	7 36	2 31	4 7	0 47	15 25
F 11	22 11	7 48	4 51	22 57	1 46	18 20	5 3	14 45	5 7	21 33	0 35	7 37	2 30	4 7	0 47	15 25
S 12	22 3	11 56	5 10	22 36	1 48	18 13	5 11	14 45	5 11	21 32	0 35	7 37	2 30	4 8	0 47	15 24
S 13	21 55	15 26	5 9	22 13	1 49	18 7	5 18	14 45	5 14	21 32	0 34	7 38	2 30	4 8	0 47	15 23
M14	21 46	17 59	4 47	21 48	1 50	18 1	5 24	14 46	5 18	21 32	0 34	7 39	2 30	4 8	0 47	15 23
T 15	21 37	19 20	4 6	21 21	1 50	17 56	5 29	14 46	5 22	21 31	0 34	7 40	2 29	4 9	0 47	15 22
W16	21 27	19 20	3 8	20 52	1 49	17 51	5 34	14 47	5 26	21 31	0 34	7 41	2 29	4 9	0 47	15 21
T 17	21 18	18 0	1 58	20 22	1 48	17 47	5 39	14 48	5 30	21 30	0 34	7 41	2 29	4 10	0 47	15 21
F 18	21 8	15 30	0 41	19 51	1 46	17 44	5 43	14 50	5 33	21 30	0 33	7 42	2 29	4 10	0 48	15 20
S 19	20 57	12 8	0s36	19 19	1 43	17 41	5 46	14 52	5 37	21 30	0 33	7 43	2 28	4 10	0 48	15 20
S 20	20 46	8 12	1 49	18 45	1 40	17 38	5 48	14 53	5 41	21 30	0 33	7 44	2 28	4 11	0 48	15 19
M21	20 35	4 0	2 54	18 10	1 36	17 36	5 51	14 56	5 44	21 29	0 33	7 45	2 28	4 11	0 48	15 18
T 22	20 23	0n16	3 48	17 35	1 32	17 34	5 52	14 58	5 48	21 29	0 33	7 46	2 28	4 12	0 48	15 18
W23	20 11	4 25	4 29	16 59	1 28	17 33	5 53	15 1	5 51	21 29	0 32	7 47	2 27	4 12	0 48	15 17
T 24	19 59	8 16	4 58	16 22	1 23	17 33	5 54	15 4	5 55	21 29	0 32	7 48	2 27	4 13	0 48	15 16
F 25	19 47	11 43	5 12	15 44	1 17	17 32	5 54	15 7	5 58	21 28	0 32	7 50	2 27	4 13	0 48	15 16
S 26	19 34	14 40	5 14	15 6	1 11	17 32	5 54	15 10	6 2	21 28	0 32	7 51	2 26	4 14	0 48	15 15
S 27	19 20	17 0	5 1	14 28	1 5	17 33	5 53	15 14	6 5	21 28	0 32	7 52	2 26	4 14	0 48	15 14
M28	19 7	18 37	4 36	13 49	0 58	17 34	5 53	15 18	6 8	21 28	0 31	7 53	2 26	4 15	0 48	15 14
T 29	18 53	19 25	3 59	13 10	0 51	17 35	5 51	15 22	6 11	21 28	0 31	7 54	2 26	4 16	0 48	15 13
W30	18 39	19 21	3 10	12 31	0 43	17 36	5 50	15 26	6 15	21 28	0 31	7 56	2 25	4 16	0 48	15 12
T 31	18n24	18n22	2s13	11n52	0n35	17n38	5s48	15s31	6s17	21s28	0n31	7s57	2n25	4s17	0s48	15n12

Julian Day Number = 2423967.5, Delta T = 23.64 sec  
Ecliptic obliquity = 23°26'49, Nutation = - 0°00'10, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 23°41'09, Lahiri = 22°48'09





# ASTRODIENST EPHEMERIS for the year 1924

## geocentric

SEPTEMBER 1924

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 39 31	8 <sup>h</sup> 15'43	28 <sup>m</sup> 31	26°R30	22 <sup>h</sup> 542	28°R 7	10 <sup>h</sup> 59	28 <sup>h</sup> 45	19°R59	20 <sup>h</sup> 48	13 <sup>h</sup> 512	22°R59	22 <sup>h</sup> Ω 6	18 <sup>h</sup> II 7	24°R10	M 1
T 2	22 43 27	9°13'50	12 <sup>h</sup> 5 9	26 <sup>m</sup> 9	23°35	27 <sup>h</sup> 53	11° 4	28°50	19 <sup>h</sup> 57	20°50	13°13	22 <sup>h</sup> Ω57	22° 2	18°13	24 <sup>h</sup> Y 8	T 2
W 3	22 47 24	10°11'58	25°59	25°42	24°29	27°40	11° 9	28°56	19°55	20°52	13°14	22°55	21°59	18°20	24° 7	W 3
T 4	22 51 20	11°10'08	9 <sup>m</sup> 59	25° 9	25°24	27°26	11°14	29° 2	19°52	20°55	13°15	22°53	21°56	18°27	24° 5	T 4
F 5	22 55 17	12° 8'19	24° 6	24°29	26°19	27°14	11°19	29° 7	19°50	20°57	13°15	22°51	21°53	18°34	24° 3	F 5
S 6	22 59 14	13° 6'31	8 <sup>m</sup> 17	23°45	27°15	27° 2	11°24	29°13	19°48	20°59	13°16	22°D50	21°50	18°40	24° 1	S 6
S 7	23 3 10	14° 4'45	22°30	22°55	28°11	26°50	11°29	29°19	19°45	21° 1	13°17	22°50	21°46	18°47	23°59	S 7
M 8	23 7 7	15° 3'01	6 <sup>h</sup> 342	22° 1	29° 8	26°39	11°35	29°25	19°43	21° 3	13°18	22°51	21°43	18°54	23°57	M 8
T 9	23 11 3	16° 1'18	20°52	21° 3	0 <sup>h</sup> Ω 5	26°29	11°40	29°30	19°40	21° 5	13°19	22°53	21°40	19° 0	23°55	T 9
W10	23 15 0	16°59'36	4 <sup>h</sup> 57	20° 3	1° 3	26°19	11°46	29°36	19°38	21° 7	13°20	22°54	21°37	19° 7	23°53	W10
T 11	23 18 56	17°57'57	18°54	19° 2	2° 1	26°10	11°52	29°42	19°36	21° 9	13°20	22°R55	21°34	19°14	23°51	T 11
F 12	23 22 53	18°56'18	2 <sup>h</sup> 42	18° 1	3° 0	26° 2	11°58	29°48	19°33	21°11	13°21	22°55	21°31	19°21	23°49	F 12
S 13	23 26 49	19°54'42	16°17	17° 2	3°59	25°54	12° 4	29°54	19°31	21°13	13°22	22°53	21°27	19°27	23°47	S 13
S 14	23 30 46	20°53'07	29°37	16° 6	4°59	25°47	12°11	0 <sup>h</sup> Ω 1	19°28	21°15	13°23	22°50	21°24	19°34	23°44	S 14
M15	23 34 43	21°51'34	12 <sup>h</sup> Y41	15°15	5°59	25°41	12°17	0° 7	19°26	21°17	13°23	22°46	21°21	19°41	23°42	M15
T 16	23 38 39	22°50'04	25°28	14°29	6°59	25°36	12°24	0°13	19°24	21°19	13°24	22°41	21°18	19°47	23°40	T 16
W17	23 42 36	23°48'35	7 <sup>h</sup> 58	13°51	8° 0	25°31	12°31	0°19	19°21	21°21	13°25	22°36	21°15	19°54	23°38	W17
T 18	23 46 32	24°47'08	20°14	13°20	9° 1	25°27	12°38	0°25	19°19	21°23	13°25	22°31	21°12	20° 1	23°35	T 18
F 19	23 50 29	25°45'44	2 <sup>h</sup> II 18	12°58	10° 2	25°24	12°45	0°32	19°16	21°25	13°26	22°27	21° 8	20° 7	23°33	F 19
S 20	23 54 25	26°44'22	14°14	12°46	11° 4	25°22	12°52	0°38	19°14	21°27	13°26	22°25	21° 5	20°14	23°31	S 20
S 21	23 58 22	27°43'02	26° 6	12°D43	12° 6	25°21	13° 0	0°45	19°12	21°29	13°27	22°D24	21° 2	20°21	23°28	S 21
M22	0 2 18	28°41'44	7 <sup>h</sup> 58	12°50	13° 8	25°D20	13° 7	0°51	19° 9	21°30	13°28	22°25	20°59	20°28	23°26	M22
T 23	0 6 15	29°40'29	19°57	13° 6	14°11	25°20	13°15	0°58	19° 7	21°32	13°28	22°26	20°56	20°34	23°23	T 23
W24	0 10 11	0 <sup>h</sup> 39'16	2 <sup>h</sup> Ω 6	13°33	15°14	25°21	13°23	1° 4	19° 5	21°34	13°29	22°28	20°52	20°41	23°21	W24
T 25	0 14 8	1°38'05	14° 31	14° 9	16°18	25°23	13°31	1°11	19° 2	21°36	13°29	22°29	20°49	20°48	23°18	T 25
F 26	0 18 5	2°36'56	27°15	14°53	17°22	25°25	13°39	1°17	19° 0	21°38	13°29	22°R29	20°46	20°54	23°16	F 26
S 27	0 22 1	3°35'49	10 <sup>h</sup> 20	15°46	18°26	25°28	13°47	1°24	18°58	21°40	13°30	22°28	20°43	21° 1	23°13	S 27
S 28	0 25 58	4°34'45	23°47	16°46	19°30	25°32	13°55	1°31	18°55	21°41	13°30	22°24	20°40	21° 8	23°11	S 28
M29	0 29 54	5°33'42	7 <sup>h</sup> 535	17°54	20°35	25°37	14° 4	1°38	18°53	21°43	13°31	22°19	20°37	21°14	23° 8	M29
T 30	0 33 51	6 <sup>h</sup> 32'42	21 <sup>h</sup> 541	19 <sup>m</sup> 7	21 <sup>h</sup> Ω39	25 <sup>h</sup> 543	14 <sup>h</sup> 512	1 <sup>h</sup> Ω44	18 <sup>h</sup> 51	21 <sup>h</sup> Ω45	13 <sup>h</sup> 531	22 <sup>h</sup> Ω12	20 <sup>h</sup> Ω33	21 <sup>h</sup> II21	23 <sup>h</sup> Y 5	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	8n28	3n24	3n 4	2s33	4s18	18n15	3s20	18s12	6s29	21s42	0n25	8s53	2n18	4s43	0s48	14n50
T 2	8 7 1s 8	3 59	2 28	4 21	18 11	3 15	18 15	6 26	21 42	0 24	8 55	2 18	4 43	0 48	14 49	0 17
W 3	7 45	5 40	4 41	2 19	4 23	18 8	3 9	18 17	6 24	21 43	0 24	8 57	2 18	4 44	0 48	14 48
T 4	7 23	9 57	5 7	2 6	4 23	18 4	3 3	18 19	6 21	21 44	0 24	8 59	2 18	4 45	0 49	14 48
F 5	7 1	13 43	5 15	1 49	4 22	18 0	2 57	18 20	6 17	21 45	0 24	9 1	2 18	4 46	0 49	14 47
S 6	6 38	16 42	5 4	1 28	4 18	17 55	2 51	18 21	6 14	21 46	0 24	9 3	2 17	4 47	0 49	14 46
S 7	6 16	18 40	4 34	1 4	4 13	17 50	2 45	18 22	6 11	21 47	0 24	9 6	2 17	4 48	0 49	14 46
M 8	5 54	19 29	3 48	0 36	4 6	17 44	2 40	18 23	6 7	21 48	0 23	9 8	2 17	4 49	0 49	14 45
T 9	5 31	19 4	2 47	0 6	3 58	17 38	2 34	18 23	6 3	21 49	0 23	9 10	2 17	4 50	0 49	14 44
W10	5 8	17 28	1 37	0n28	3 47	17 31	2 28	18 23	6 0	21 50	0 23	9 12	2 17	4 51	0 49	14 44
T 11	4 46	14 49	0 22	1 3	3 34	17 24	2 22	18 22	5 56	21 51	0 23	9 14	2 17	4 52	0 49	14 43
F 12	4 23	11 21	0s54	1 40	3 20	17 17	2 16	18 21	5 52	21 51	0 23	9 17	2 16	4 53	0 49	14 42
S 13	4 0	7 20	2 5	2 18	3 4	17 9	2 11	18 20	5 48	21 52	0 22	9 19	2 16	4 54	0 49	14 42
S 14	3 37	3 1	3 8	2 56	2 46	17 0	2 5	18 19	5 44	21 54	0 22	9 21	2 16	4 55	0 49	14 41
M15	3 14	1n20	3 59	3 32	2 28	16 51	1 59	18 17	5 39	21 55	0 22	9 23	2 16	4 56	0 49	14 41
T 16	2 51	5 32	4 38	4 8	2 9	16 42	1 54	18 14	5 35	21 56	0 22	9 26	2 16	4 57	0 49	14 40
W17	2 28	9 24	5 2	4 41	1 49	16 32	1 48	18 12	5 31	21 57	0 22	9 28	2 16	4 58	0 49	14 39
T 18	2 4	12 48	5 12	5 11	1 29	16 22	1 42	18 9	5 26	21 58	0 22	9 30	2 16	4 58	0 48	14 39
F 19	1 41	15 36	5 7	5 38	1 9	16 11	1 37	18 6	5 22	21 59	0 21	9 33	2 15	4 59	0 48	14 38
S 20	1 18	17 43	4 50	6 0	0 50	16 0	1 31	18 2	5 17	22 0	0 21	9 35	2 15	5 0	0 48	14 38
S 21	0 54	19 4	4 20	6 19	0 31	15 48	1 26	17 59	5 13	22 1	0 21	9 37	2 15	5 1	0 48	14 37
M22	0 31	19 34	3 39	6 33	0 13	15 36	1 20	17 55	5 8	22 2	0 21	9 40	2 15	5 2	0 48	14 36
T 23	0 8	19 12	2 48	6 42	0n 4	15 23	1 15	17 50	5 3	22 3	0 21	9 42	2 15	5 3	0 48	14 36
W24	0s16	17 56	1 49	6 47	0 20	15 10	1 9	17 46	4 59	22 4	0 21	9 45	2 15	5 4	0 48	14 35
T 25	0 39	15 48	0 43	6 47	0 35	14 56	1 4	17 41	4 54	22 5	0 20	9 47	2 15	5 5	0 48	14 35
F 26	1 2	12 50	0n26	6 42	0 49	14 42	0 59	17 35	4 49	22 7	0 20	9 49	2 15	5 6	0 48	14 34
S 27	1 26	9 10	1 35	6 33	1 1	14 28	0 53	17 30	4 45	22 8	0 20	9 52	2 14	5 7	0 48	14 34
S 28	1 49	4 56	2 41	6 20	1 12	14 13	0 48	17 24	4 40	22 9	0 20	9 54	2 14	5 8	0 48	14 33
M29	2 13	0 21	3 39	6 3	1 22	13 57	0 43	17 18	4 35	22 10	0 20	9 57	2 14	5 8	0 48	14 32
T 30	2s36	4s21	4n26	5n41	1n30	13n42	0s38	17s12	4s31	22s11	0n20	9s59	2n14	5s 9	0s48	14n32

Julian Day Number = 2424029.5, Delta T = 23.69 sec

Ecliptic obliquity = 23°26'50, Nutation = - 0°00'10, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 23°41'17, Lahiri = 22°48'18

# ASTRODIENST EPHEMERIS for the year 1924

## geocentric

OCTOBER 1924

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 37 47	7♂31'43	5♂♂59	20♂26	22♂45	25♂49	14♂21	1♂♂51	18°R49	21♂46	13♂31	22°R 5	20♂30	21♂28	23°R 3	W 1
T 2	0 41 44	8°30'47	20°25	21°50	23°50	25°56	14°30	1°58	18°46	21°48	13°32	21♂58	20°27	21°35	23°0	T 2
F 3	0 45 40	9°29'52	4♂♂52	23°19	24°56	26° 4	14°39	2° 5	18°44	21°50	13°32	21°52	20°24	21°41	22°57	F 3
S 4	0 49 37	10°28'59	19°16	24°51	26° 1	26°13	14°48	2°12	18°42	21°51	13°32	21°48	20°21	21°48	22°55	S 4
S 5	0 53 34	11°28'08	3♂32	26°26	27° 7	26°23	14°57	2°19	18°40	21°53	13°32	21°46	20°17	21°55	22°52	S 5
M 6	0 57 30	12°27'19	17°38	28° 3	28°14	26°33	15° 6	2°26	18°38	21°54	13°33	21°D46	20°14	22° 1	22°49	M 6
T 7	1 1 27	13°26'31	1♂♂33	29°42	29°20	26°44	15°16	2°33	18°36	21°56	13°33	21°47	20°11	22° 8	22°47	T 7
W 8	1 5 23	14°25'45	15°16	1♂♂23	0♂♂27	26°55	15°25	2°40	18°34	21°58	13°33	21°R48	20° 8	22°15	22°44	W 8
T 9	1 9 20	15°25'01	28°49	3° 6	1°34	27° 8	15°35	2°47	18°31	21°59	13°33	21°48	20° 5	22°21	22°41	T 9
F 10	1 13 16	16°24'19	12♂11	4°49	2°41	27°21	15°45	2°54	18°29	22° 0	13°33	21°46	20° 2	22°28	22°38	F 10
S 11	1 17 13	17°23'38	25°22	6°33	3°49	27°34	15°55	3° 1	18°27	22° 2	13°33	21°41	19°58	22°35	22°36	S 11
S 12	1 21 9	18°23'00	8°Y22	8°17	4°56	27°48	16° 5	3° 8	18°25	22° 3	13°33	21°34	19°55	22°42	22°33	S 12
M13	1 25 6	19°22'23	21° 9	10° 1	6° 4	28° 3	16°15	3°15	18°23	22° 5	13°33	21°25	19°52	22°48	22°30	M13
T 14	1 29 3	20°21'49	3♂44	11°46	7°12	28°19	16°25	3°22	18°21	22° 6	13°R33	21°14	19°49	22°55	22°27	T 14
W15	1 32 59	21°21'16	16° 7	13°30	8°20	28°35	16°35	3°29	18°20	22° 7	13°33	21° 3	19°46	23° 2	22°25	W15
T 16	1 36 56	22°20'46	28°18	15°15	9°29	28°52	16°46	3°36	18°18	22° 9	13°33	20°52	19°43	23° 8	22°22	T 16
F 17	1 40 52	23°20'18	10♂19	16°58	10°37	29° 9	16°56	3°43	18°16	22°10	13°33	20°43	19°39	23°15	22°19	F 17
S 18	1 44 49	24°19'52	22°12	18°42	11°46	29°27	17° 7	3°51	18°14	22°11	13°33	20°36	19°36	23°22	22°16	S 18
S 19	1 48 45	25°19'29	4♂ 2	20°25	12°55	29°45	17°17	3°58	18°12	22°12	13°33	20°31	19°33	23°28	22°13	S 19
M20	1 52 42	26°19'08	15°53	22° 8	14° 4	0♂ 4	17°28	4° 5	18°11	22°14	13°33	20°28	19°30	23°35	22°11	M20
T 21	1 56 38	27°18'49	27°49	23°50	15°13	0°24	17°39	4°12	18° 9	22°15	13°33	20°D28	19°27	23°42	22° 8	T 21
W22	2 0 35	28°18'32	9♂56	25°32	16°23	0°44	17°50	4°19	18° 7	22°16	13°33	20°28	19°23	23°49	22° 5	W22
T 23	2 4 32	29°18'18	22°19	27°13	17°32	1° 4	18° 1	4°27	18° 6	22°17	13°33	20°R28	19°20	23°55	22° 2	T 23
F 24	2 8 28	0♂18'06	5♂ 4	28°53	18°42	1°25	18°12	4°34	18° 4	22°18	13°32	20°27	19°17	24° 2	22° 0	F 24
S 25	2 12 25	1°17'56	18°13	0♂133	19°52	1°47	18°23	4°41	18° 2	22°19	13°32	20°24	19°14	24° 9	21°57	S 25
S 26	2 16 21	2°17'48	1♂50	2°13	21° 2	2° 9	18°34	4°48	18° 1	22°20	13°32	20°19	19°11	24°15	21°54	S 26
M27	2 20 18	3°17'42	15°53	3°52	22°12	2°31	18°46	4°56	17°59	22°21	13°32	20°11	19° 8	24°22	21°51	M27
T 28	2 24 14	4°17'38	0♂20	5°30	23°23	2°54	18°57	5° 3	17°58	22°22	13°31	20° 0	19° 4	24°29	21°49	T 28
W29	2 28 11	5°17'36	15° 5	7° 8	24°33	3°18	19° 9	5°10	17°57	22°23	13°31	19°49	19° 1	24°35	21°46	W29
T 30	2 32 7	6°17'37	29°58	8°46	25°44	3°41	19°20	5°17	17°55	22°24	13°31	19°38	18°58	24°42	21°43	T 30
F 31	2 36 4	7♂17'39	14♂51	10♂23	26♂55	4♂ 6	19♂32	5♂25	17♂54	22♂25	13♂30	19♂28	18♂55	24♂49	21♂41	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	2s59	8s52	4n56	5n17	1n37	13n25	0s33	17s 5	4s26	22s12	0n20	10s 1	2n14	5s10	0s48	14n31
T 2	3 23	12 55	5 8	4 49	1 43	13 8	0 28	16 58	4 21	22 13	0 19	10 4	2 14	5 11	0 48	14 31
F 3	3 46	16 12	5 0	4 18	1 48	12 51	0 23	16 51	4 17	22 15	0 19	10 6	2 14	5 12	0 48	14 30
S 4	4 9	18 28	4 33	3 45	1 51	12 34	0 18	16 44	4 12	22 16	0 19	10 9	2 14	5 13	0 48	14 30
S 5	4 32	19 34	3 50	3 10	1 54	12 16	0 13	16 36	4 8	22 17	0 19	10 11	2 14	5 14	0 48	14 29
M 6	4 55	19 25	2 53	2 33	1 56	11 57	0 9	16 28	4 3	22 18	0 19	10 14	2 14	5 14	0 48	14 29
T 7	5 18	18 5	1 47	1 54	1 56	11 39	0 4	16 20	3 58	22 19	0 19	10 16	2 14	5 15	0 48	14 28
W 8	5 41	15 42	0 35	1 13	1 56	11 19	0n 0	16 12	3 54	22 21	0 19	10 19	2 13	5 16	0 48	14 28
T 9	6 4	12 29	0s38	0 32	1 55	11 0	0 5	16 4	3 49	22 22	0 18	10 21	2 13	5 17	0 48	14 27
F 10	6 27	8 38	1 47	0s11	1 54	10 40	0 9	15 55	3 45	22 23	0 18	10 23	2 13	5 18	0 48	14 27
S 11	6 50	4 26	2 50	0 54	1 51	10 20	0 14	15 46	3 41	22 24	0 18	10 26	2 13	5 18	0 48	14 27
S 12	7 13	0 5	3 42	1 37	1 49	9 59	0 18	15 37	3 36	22 25	0 18	10 28	2 13	5 19	0 48	14 26
M13	7 35	4n11	4 23	2 21	1 45	9 38	0 22	15 28	3 32	22 26	0 18	10 31	2 13	5 20	0 48	14 26
T 14	7 58	8 13	4 50	3 6	1 42	9 16	0 26	15 18	3 28	22 28	0 18	10 33	2 13	5 21	0 48	14 25
W15	8 20	11 50	5 2	3 50	1 37	8 55	0 30	15 9	3 23	22 29	0 18	10 36	2 13	5 21	0 48	14 25
T 16	8 42	14 54	5 1	4 35	1 33	8 33	0 34	14 59	3 19	22 30	0 17	10 38	2 13	5 22	0 48	14 24
F 17	9 4	17 17	4 46	5 19	1 28	8 10	0 38	14 49	3 15	22 31	0 17	10 41	2 13	5 23	0 48	14 24
S 18	9 26	18 54	4 19	6 3	1 23	7 48	0 42	14 39	3 11	22 32	0 17	10 43	2 13	5 23	0 48	14 24
S 19	9 48	19 42	3 41	6 47	1 17	7 25	0 45	14 29	3 7	22 33	0 17	10 46	2 13	5 24	0 48	14 23
M20	10 10	19 38	2 53	7 31	1 12	7 1	0 49	14 18	3 3	22 35	0 17	10 48	2 13	5 25	0 48	14 23
T 21	10 31	18 41	1 58	8 14	1 6	6 38	0 52	14 7	2 59	22 36	0 17	10 50	2 13	5 25	0 48	14 23
W22	10 53	16 52	0 56	8 57	1 0	6 14	0 56	13 57	2 55	22 37	0 17	10 53	2 13	5 26	0 48	14 22
T 23	11 14	14 14	0n10	9 39	0 53	5 50	0 59	13 46	2 51	22 38	0 16	10 55	2 13	5 27	0 48	14 22
F 24	11 35	10 51	1 17	10 21	0 47	5 26	1 2	13 35	2 47	22 39	0 16	10 58	2 13	5 27	0 48	14 22
S 25	11 56	6 50	2 22	11 2	0 41	5 1	1 6	13 23	2 43	22 40	0 16	11 0	2 13	5 28	0 48	14 21
S 26	12 16	2 20	3 21	11 43	0 34	4 36	1 9	13 12	2 40	22 41	0 16	11 3	2 13	5 28	0 48	14 21
M27	12 37	2s25	4 9	12 23	0 27	4 11	1 12	13 0	2 36	22 42	0 16	11 5	2 13	5 29	0 48	14 21
T 28	12 57	7 10	4 44	13 2	0 21	3 46	1 15	12 49	2 32	22 43	0 16	11 8	2 13	5 29	0 48	14 20
W29	13 17	11 35	5 0	13 41	0 14	3 21	1 17	12 37	2 29	22 45	0 16	11 10	2 13	5 30	0 48	14 20
T 30	13 37	15 19	4 56	14 19	0 7	2 55	1 20	12 25	2 25	22 46	0 16	11 12	2 13	5 30	0 48	14 20
F 31	13s57	18s 5	4n32	14s56	0n 1	2n30	1n23	12s13	2s22	22s47	0n15	11s15	2n13	5s31	0s48	14n19

Julian Day Number = 2424059.5, Delta T = 23.72 sec  
 Ecliptic obliquity = 23°26'50, Nutation = - 0°00'12, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°41'21, Lahiri = 22°48'22

## ASTRODIENST EPHEMERIS for the year 1924

geocentric

NOVEMBER 1924

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 40 0	8♍1742	29♊36	11♍59	28♍5	4♋30	19♊44	5♍32	17°R53	22♍26	13°R30	19°R21	18♍52	24♍56	21°R38	S 1
S 2	2 43 57	9°1748	14♋7	13°35	29°16	4°56	19°56	5°39	17°51	22°26	13°29	19°15	18°45	25°2	21°V35	S 2
M 3	2 47 54	10°1755	28°19	15°11	0♌27	5°21	20°8	5°46	17°50	22°27	13°29	19°15	18°45	25°9	21°33	M 3
T 4	2 51 50	11°18'03	12♋12	16°46	1°39	5°47	20°20	5°54	17°49	22°28	13°29	19°14	18°42	25°16	21°30	T 4
W 5	2 55 47	12°18'13	25°47	18°21	2°50	6°13	20°32	6°1	17°48	22°29	13°28	19°14	18°39	25°22	21°28	W 5
T 6	2 59 43	13°18'24	9♋5	19°55	4°1	6°40	20°44	6°8	17°47	22°29	13°27	19°13	18°36	25°29	21°25	T 6
F 7	3 3 40	14°18'37	22°8	21°29	5°13	7°7	20°56	6°15	17°46	22°30	13°27	19°10	18°33	25°36	21°23	F 7
S 8	3 7 36	15°18'52	4♋59	23°2	6°25	7°34	21°8	6°22	17°45	22°31	13°26	19°4	18°29	25°42	21°20	S 8
S 9	3 11 33	16°19'08	17°39	24°36	7°36	8°2	21°21	6°30	17°44	22°31	13°26	18°55	18°26	25°49	21°18	S 9
M10	3 15 29	17°19'25	0♋8	26°9	8°48	8°30	21°33	6°37	17°43	22°32	13°25	18°43	18°23	25°56	21°15	M10
T 11	3 19 26	18°19'44	12°29	27°41	10°0	8°58	21°46	6°44	17°42	22°32	13°25	18°29	18°20	26°3	21°13	T 11
W12	3 23 23	19°20'05	24°40	29°13	11°12	9°27	21°58	6°51	17°41	22°33	13°24	18°14	18°17	26°9	21°10	W12
T 13	3 27 19	20°20'28	6♋44	0♋45	12°24	9°56	22°11	6°58	17°41	22°33	13°23	18°0	18°14	26°16	21°8	T 13
F 14	3 31 16	21°20'52	18°40	2°17	13°37	10°25	22°23	7°5	17°40	22°33	13°23	17°47	18°10	26°23	21°6	F 14
S 15	3 35 12	22°21'19	0♋31	3°49	14°49	10°54	22°36	7°12	17°39	22°34	13°22	17°37	18°7	26°29	21°3	S 15
S 16	3 39 9	23°21'47	12°20	5°20	16°2	11°24	22°49	7°19	17°39	22°34	13°21	17°30	18°4	26°36	21°1	S 16
M17	3 43 5	24°22'16	24°9	6°50	17°14	11°54	23°1	7°26	17°38	22°34	13°20	17°26	18°1	26°43	20°59	M17
T 18	3 47 2	25°22'48	6♋3	8°21	18°27	12°24	23°14	7°34	17°38	22°35	13°20	17°24	17°58	26°49	20°57	T 18
W19	3 50 58	26°23'21	18°6	9°51	19°39	12°55	23°27	7°41	17°37	22°35	13°19	17°D23	17°54	26°56	20°55	W19
T 20	3 54 55	27°23'56	0♋26	11°21	20°52	13°26	23°40	7°48	17°37	22°35	13°18	17°R23	17°51	27°3	20°53	T 20
F 21	3 58 52	28°24'33	13°5	12°51	22°5	13°57	23°53	7°54	17°37	22°35	13°17	17°23	17°48	27°9	20°50	F 21
S 22	4 2 48	29°25'11	26°10	14°20	23°18	14°28	24°6	8°1	17°36	22°35	13°16	17°20	17°45	27°16	20°48	S 22
S 23	4 6 45	0♋25'51	9♌45	15°49	24°31	15°0	24°19	8°8	17°36	22°36	13°16	17°15	17°42	27°23	20°46	S 23
M24	4 10 41	1°26'33	23°49	17°17	25°44	15°31	24°32	8°15	17°36	22°36	13°15	17°7	17°39	27°30	20°44	M24
T 25	4 14 38	2°27'17	8♍22	18°45	26°57	16°3	24°45	8°22	17°36	22°36	13°14	16°57	17°35	27°36	20°43	T 25
W26	4 18 34	3°28'02	23°18	20°12	28°11	16°35	24°59	8°29	17°36	22°36	13°13	16°46	17°32	27°43	20°41	W26
T 27	4 22 31	4°28'48	8♋28	21°39	29°24	17°8	25°12	8°36	17°D36	22°36	13°12	16°35	17°29	27°50	20°39	T 27
F 28	4 26 27	5°29'36	23°42	23°5	0♍37	17°40	25°25	8°42	17°36	22°35	13°11	16°25	17°26	27°56	20°37	F 28
S 29	4 30 24	6°30'25	8♋49	24°30	1°51	18°13	25°38	8°49	17°36	22°35	13°10	16°18	17°23	28°3	20°35	S 29
S 30	4 34 21	7♋31'14	23♋40	25♋55	3♍4	18♋46	25♋52	8♍56	17°36	22°35	13°9	16°14	17°20	28°10	20°V34	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
S 1	14s17	19s36	3n51	15s32	0s 6	2n 4	1n25	12s 0	2s18	22s48	0n15	11s17	2n13	5s31	0s48	14n19	0n18	20n36	2s11	15n 1	15n11	19n11	9n 9	0n46	
S 2	14 36	19 49	2 54	16 8	0 13	1 38	1 27	11 48	2 15	22 49	0 15	11 20	2 13	5 32	0 48	14 19	0 18	20 36	2 11	15 3	15 12	19 12	9 8	0 46	
M 3	14 55	18 44	1 48	16 42	0 20	1 11	1 30	11 35	2 11	22 50	0 15	11 22	2 13	5 32	0 48	14 19	0 18	20 36	2 11	15 3	15 12	19 13	9 7	0 46	
T 4	15 14	16 33	0 37	17 16	0 26	0 45	1 32	11 23	2 8	22 51	0 15	11 24	2 13	5 33	0 47	14 19	0 18	20 36	2 11	15 3	15 13	19 14	9 6	0 46	
W 5	15 32	13 28	0s35	17 49	0 33	0 19	1 34	11 10	2 5	22 52	0 15	11 27	2 13	5 33	0 47	14 18	0 18	20 36	2 11	15 3	15 14	19 14	9 5	0 46	
T 6	15 50	9 45	1 43	18 21	0 39	0s 8	1 36	10 57	2 2	22 53	0 15	11 29	2 13	5 34	0 47	14 18	0 18	20 36	2 11	15 4	15 15	19 15	9 4	0 46	
F 7	16 8	5 38	2 44	18 52	0 46	0 34	1 38	10 44	1 58	22 54	0 15	11 31	2 13	5 34	0 47	14 18	0 18	20 36	2 11	15 5	15 16	19 16	9 3	0 46	
S 8	16 26	1 20	3 36	19 23	0 52	1 1	1 40	10 31	1 55	22 55	0 15	11 34	2 13	5 34	0 47	14 18	0 18	20 36	2 11	15 7	15 17	19 17	9 2	0 45	
S 9	16 43	2n58	4 17	19 52	0 58	1 28	1 41	10 18	1 52	22 55	0 14	11 36	2 13	5 35	0 47	14 18	0 18	20 36	2 11	15 10	15 18	19 17	9 1	0 45	
M10	17 1	7 5	4 44	20 20	1 5	1 55	1 43	10 4	1 49	22 56	0 14	11 38	2 13	5 35	0 47	14 17	0 18	20 36	2 11	15 13	15 19	19 18	9 0	0 45	
T 11	17 17	10 51	4 58	20 48	1 11	2 22	1 45	9 51	1 46	22 57	0 14	11 41	2 13	5 35	0 47	14 17	0 18	20 36	2 11	15 18	15 20	19 19	8 59	0 45	
W12	17 34	14 8	4 58	21 14	1 16	2 49	1 46	9 37	1 43	22 58	0 14	11 43	2 13	5 35	0 47	14 17	0 18	20 36	2 11	15 22	15 21	19 20	8 58	0 45	
T 13	17 50	16 46	4 44	21 39	1 22	3 15	1 47	9 24	1 40	22 59	0 14	11 45	2 13	5 36	0 47	14 17	0 18	20 36	2 11	15 26	15 22	19 20	8 57	0 45	
F 14	18 6	18 41	4 18	22 4	1 28	3 42	1 49	9 10	1 37	23 0	0 14	11 48	2 13	5 36	0 47	14 17	0 18	20 37	2 11	15 30	15 23	19 21	8 56	0 45	
S 15	18 22	19 46	3 41	22 27	1 33	4 9	1 50	8 56	1 34	23 1	0 14	11 50	2 13	5 36	0 47	14 17	0 18	20 37	2 11	15 33	15 24	19 22	8 55	0 45	
S 16	18 37	19 59	2 54	22 49	1 38	4 36	1 51	8 42	1 32	23 2	0 14	11 52	2 13	5 36	0 47	14 17	0 18	20 37	2 11	15 36	15 25	19 23	8 54	0 45	
M17	18 52	19 19	2 0	23 10	1 44	5 3	1 52	8 28	1 29	23 2	0 13	11 54	2 13	5 36	0 47	14 17	0 18	20 37	2 11	15 37	15 26	19 23	8 53	0 45	
T 18	19 7	17 48	1 0	23 29	1 48	5 30	1 53	8 14	1 26	23 3	0 13	11 56	2 13	5 37	0 47	14 17	0 18	20 37	2 11	15 38	15 27	19 24	8 52	0 44	
W19	19 21	15 28	0n 4	23 48	1 53	5 57	1 53	8 0	1 23	23 4	0 13	11 59	2 13	5 37	0 47	14 17	0 18	20 37	2 10	15 38	15 28	19 25	8 51	0 44	
T 20	19 35	12 24	1 9	24 5	1 57	6 23	1 54	7 46	1 21	23 5	0 13	12 1	2 13	5 37	0 47	14 17	0 18	20 37	2 10	15 38	15 29	19 25	8 50	0 44	
F 21	19 49	8 40	2 12	24 21	2 2	6 50	1 54	7 31	1 18	23 5	0 13	12 3	2 13	5 37	0 47	14 17	0 18	20 37	2 10	15 38	15 30	19 26	8 49	0 44	
S 22	20 2	4 26	3 10	24 36	2 5	7 17	1 55	7 17	1 16	23 6	0 13	12 5	2 13	5 37	0 47	14 16	0 18	20 37	2 10	15 39	15 31	19 27	8 48	0 44	
S 23	20 15	0s11	4 0	24 50	2 9	7 43	1 55	7 2	1 13	23 7	0 13	12 7	2 13	5 37	0 47	14 16	0 18	20 37	2 10	15 40	15 32	19 27	8 48	0 44	
M24	20 27	4 57	4 37	25 2	2 12	8 9	1 56	6 48	1 11	23 7	0 13	12 10	2 13	5 37	0 47	14 16	0 18	20 38	2 10	15 43	15 33	19 28	8 47	0 44	
T 25	20 40	9 35	4 58	25 13	2 15	8 35	1 56	6 33	1 8	23 8	0 13	12 12	2 13	5 37	0 47	14 16	0 18	20 38	2 10	15 46	15 34	19 29	8 46	0 44	
W26	20 51	13 46	5 0	25 23	2 18	9 1	1 56	6 18	1 6	23 9	0 13	12 14	2 13	5 37	0 47	14 17	0 18	20 38	2 10	15 49	15 35	19 30	8 45	0 44	
T 27	21 3	17 7	4 40	25 31	2 20	9 27	1 56	6 3	1 3	23 9	0 12	12 16	2 13	5 37	0 47	14 17	0 18	20 38	2 10	15 52	15 36	19 30	8 44	0 44	
F 28	21 14	19 17	4 1	25 38	2 22	9 53	1 56	5 48	1 1	23 10	0 12	12 18	2 14	5 37	0 47	14 17	0 18	20 38	2 10	15 55	15 37	19 31	8 43	0 43	
S 29	21 24	20 5	3 5	25 43	2 23	10 19	1 56	5 33	0 59	23 10	0 12	12 20	2 14	5 37	0 47	14 17	0 18	20 38	2 10	15 57	15 38	19 32	8 43	0 43	
S 30	21s34	19s27	1n57	25s47	2s24	10s44	1n55	5s18	0s56	23s11	0n12	12s22	2n14	5s37	0s46	14n17	0n18	20n38	2s10	15n59	15n39	19n32	8n42	0n43	

# ASTRODIENST EPHEMERIS for the year 1924

## geocentric

DECEMBER 1924

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 38 17	8°32'05	8°38' 8	27°18' 18	4°18' 18	19°19' 19	26°15' 5	9°18' 2	17°36' 36	22°35' 35	13°38' 8	16°12' 12	17°16' 16	28°16' 16	20°32' 32	M 1
T 2	4 42 14	9°32'57	22°12' 12	28°40' 40	5°31' 31	19°53' 53	26°19' 19	9°9' 9	17°36' 36	22°35' 35	13°38' 8	16°12' 12	17°16' 16	28°16' 16	20°32' 32	T 2
W 3	4 46 10	10°33'49	5°50' 50	0°31' 1	6°45' 45	20°26' 26	26°32' 32	9°16' 16	17°36' 36	22°35' 35	13°38' 8	16°12' 12	17°16' 16	28°16' 16	20°32' 32	W 3
T 4	4 50 7	11°34'43	19°6' 6	1°20' 20	7°59' 59	21°0' 0	26°45' 45	9°22' 22	17°37' 37	22°34' 34	13°5' 5	16°12' 12	17°7' 7	28°36' 36	20°27' 27	T 4
F 5	4 54 3	12°35'37	2°37' 3	2°37' 3	9°12' 12	21°34' 34	26°59' 59	9°29' 29	17°37' 37	22°34' 34	13°4' 4	16°10' 10	17°4' 4	28°43' 43	20°26' 26	F 5
S 6	4 58 0	13°36'31	14°42' 42	3°53' 53	10°26' 26	22°8' 8	27°13' 13	9°35' 35	17°38' 38	22°34' 34	13°3' 3	16°6' 6	17°0' 0	28°50' 50	20°24' 24	S 6
S 7	5 1 56	14°37'27	27°9' 9	5°5' 5	11°40' 40	22°42' 42	27°26' 26	9°41' 41	17°38' 38	22°33' 33	13°2' 2	15°58' 58	16°57' 57	28°56' 56	20°23' 23	S 7
M 8	5 5 53	15°38'23	9°25' 25	6°15' 15	12°54' 54	23°17' 17	27°40' 40	9°48' 48	17°39' 39	22°33' 33	13°1' 1	15°49' 49	16°54' 54	29°3' 3	20°22' 22	M 8
T 9	5 9 50	16°39'20	21°32' 32	7°21' 21	14°8' 8	23°51' 51	27°53' 53	9°54' 54	17°39' 39	22°32' 32	13°0' 0	15°38' 38	16°51' 51	29°10' 10	20°20' 20	T 9
W10	5 13 46	17°40'18	3°13' 34	8°24' 24	15°22' 22	24°26' 26	28°7' 7	10°0' 0	17°40' 40	22°32' 32	12°59' 59	15°26' 26	16°48' 48	29°17' 17	20°19' 19	W10
T 11	5 17 43	18°41'17	15°30' 30	9°22' 22	16°36' 36	25°1' 1	28°20' 20	10°7' 7	17°40' 40	22°31' 31	12°58' 58	15°15' 15	16°45' 45	29°23' 23	20°18' 18	T 11
F 12	5 21 39	19°42'17	27°22' 22	10°15' 15	17°50' 50	25°35' 35	28°34' 34	10°13' 13	17°41' 41	22°31' 31	12°56' 56	15°4' 4	16°41' 41	29°30' 30	20°17' 17	F 12
S 13	5 25 36	20°43'17	9°11' 11	11°2' 2	19°4' 4	26°11' 11	28°48' 48	10°19' 19	17°42' 42	22°30' 30	12°55' 55	14°56' 56	16°38' 38	29°37' 37	20°16' 16	S 13
S 14	5 29 32	21°44'18	21°1' 1	11°43' 43	20°18' 18	26°46' 46	29°1' 1	10°25' 25	17°43' 43	22°30' 30	12°54' 54	14°51' 51	16°35' 35	29°43' 43	20°15' 15	S 14
M15	5 33 29	22°45'20	2°12' 52	12°16' 16	21°32' 32	27°21' 21	29°15' 15	10°31' 31	17°44' 44	22°29' 29	12°53' 53	14°47' 47	16°32' 32	29°50' 50	20°14' 14	M15
T 16	5 37 26	23°46'23	14°48' 48	12°41' 41	22°47' 47	27°56' 56	29°29' 29	10°37' 37	17°45' 45	22°28' 28	12°52' 52	14°47' 47	16°29' 29	29°57' 57	20°13' 13	T 16
W17	5 41 22	24°47'27	26°53' 53	12°57' 57	24°1' 1	28°32' 32	29°43' 43	10°43' 43	17°46' 46	22°28' 28	12°51' 51	14°47' 47	16°26' 26	0°3' 3	20°12' 12	W17
T 18	5 45 19	25°48'32	9°12' 12	13°R 3	25°15' 15	29°8' 8	29°56' 56	10°49' 49	17°47' 47	22°27' 27	12°49' 49	14°49' 49	16°22' 22	0°10' 10	20°11' 11	T 18
F 19	5 49 15	26°49'37	21°48' 48	12°57' 57	26°29' 29	29°43' 43	0°31' 10	10°54' 54	17°48' 48	22°26' 26	12°48' 48	14°R 50	16°19' 19	0°17' 17	20°11' 11	F 19
S 20	5 53 12	27°50'44	4°12' 47	12°41' 41	27°44' 44	0°19' 19	0°24' 24	11°0' 0	17°49' 49	22°25' 25	12°47' 47	14°49' 49	16°16' 16	0°23' 23	20°10' 10	S 20
S 21	5 57 8	28°51'51	18°12' 12	12°13' 13	28°58' 58	0°55' 55	0°38' 38	11°6' 6	17°50' 50	22°24' 24	12°46' 46	14°48' 48	16°13' 13	0°30' 30	20°9' 9	S 21
M22	6 1 5	29°52'59	2°16' 6	11°33' 33	0°13' 13	1°31' 31	0°51' 51	11°11' 11	17°51' 51	22°24' 24	12°45' 45	14°44' 44	16°10' 10	0°37' 37	20°9' 9	M22
T 23	6 5 1	0°34'07	16°29' 29	10°42' 42	1°27' 27	2°7' 7	1°5' 5	11°17' 17	17°53' 53	22°23' 23	12°43' 43	14°38' 38	16°6' 6	0°43' 43	20°8' 8	T 23
W24	6 8 58	1°55'17	1°18' 18	9°41' 41	2°42' 42	2°44' 44	1°19' 19	11°22' 22	17°54' 54	22°22' 22	12°42' 42	14°32' 32	16°3' 3	0°50' 50	20°8' 8	W24
T 25	6 12 55	2°56'27	16°26' 26	8°31' 31	3°56' 56	3°20' 20	1°33' 33	11°28' 28	17°55' 55	22°21' 21	12°41' 41	14°25' 25	16°0' 0	0°57' 57	20°7' 7	T 25
F 26	6 16 51	3°57'37	1°34' 43	7°14' 14	5°11' 11	3°57' 57	1°46' 46	11°33' 33	17°57' 57	22°20' 20	12°40' 40	14°19' 19	15°57' 57	1°4' 4	20°7' 7	F 26
S 27	6 20 48	4°58'48	17°0' 0	5°54' 54	6°25' 25	4°33' 33	2°0' 0	11°38' 38	17°58' 58	22°19' 19	12°39' 39	14°14' 14	15°54' 54	1°10' 10	20°7' 7	S 27
S 28	6 24 44	5°59'58	2°44' 4	4°32' 32	7°40' 40	5°10' 10	2°14' 14	11°44' 44	18°0' 0	22°18' 18	12°37' 37	14°12' 12	15°51' 51	1°17' 17	20°6' 6	S 28
M29	6 28 41	7°1'09	16°48' 48	3°11' 11	8°54' 54	5°47' 47	2°28' 28	11°49' 49	18°1' 1	22°17' 17	12°36' 36	14°D 11	15°47' 47	1°24' 24	20°6' 6	M29
T 30	6 32 37	8°2'20	1°18' 7	1°54' 54	10°9' 9	6°23' 23	2°42' 42	11°54' 54	18°3' 3	22°16' 16	12°35' 35	14°12' 12	15°44' 44	1°30' 30	20°6' 6	T 30
W31	6 36 34	9°3'31	14°18' 58	0°34' 43	11°24' 24	7°19' 19	2°35' 35	11°18' 59	18°18' 5	22°15' 15	12°34' 34	14°14' 14	15°41' 41	1°37' 37	20°19' 19	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	21s44	17s33	0n43	25s50	2s25	11s 9	1n55	5s 3	0s54	23s11	0n12	12s24	2n14	5s37	0s46	14n17
T 2	21 53	14 37	0s32	25 51	2 24	11 34	1 55	4 48	0 52	23 12	0 12	12 26	2 14	5 37	0 46	14 17
W 3	22 2	10 58	1 43	25 51	2 24	11 59	1 54	4 33	0 50	23 12	0 12	12 28	2 14	5 37	0 46	14 17
T 4	22 11	6 51	2 46	25 49	2 22	12 23	1 54	4 18	0 48	23 13	0 12	12 30	2 14	5 36	0 46	14 17
F 5	22 19	2 32	3 39	25 46	2 21	12 47	1 53	4 2	0 45	23 13	0 12	12 32	2 14	5 36	0 46	14 17
S 6	22 26	1n48	4 20	25 41	2 18	13 11	1 52	3 47	0 43	23 14	0 12	12 34	2 14	5 36	0 46	14 17
S 7	22 34	5 59	4 48	25 35	2 14	13 34	1 51	3 32	0 41	23 14	0 11	12 36	2 14	5 36	0 46	14 18
M 8	22 40	9 51	5 2	25 28	2 10	13 58	1 50	3 16	0 39	23 14	0 11	12 38	2 15	5 36	0 46	14 18
T 9	22 47	13 17	5 2	25 19	2 5	14 21	1 49	3 1	0 37	23 15	0 11	12 39	2 15	5 35	0 46	14 18
W10	22 53	16 8	4 49	25 10	1 59	14 43	1 48	2 45	0 35	23 15	0 11	12 41	2 15	5 35	0 46	14 18
T 11	22 58	18 18	4 23	24 59	1 52	15 6	1 47	2 30	0 33	23 15	0 11	12 43	2 15	5 35	0 46	14 18
F 12	23 3	19 39	3 46	24 47	1 44	15 27	1 46	2 14	0 31	23 15	0 11	12 45	2 15	5 34	0 46	14 18
S 13	23 7	20 9	2 59	24 34	1 35	15 49	1 45	1 58	0 30	23 16	0 11	12 47	2 15	5 34	0 46	14 19
S 14	23 11	19 45	2 4	24 20	1 24	16 10	1 43	1 43	0 28	23 16	0 11	12 49	2 15	5 34	0 46	14 19
M15	23 15	18 29	1 4	24 5	1 12	16 31	1 42	1 27	0 26	23 16	0 11	12 50	2 15	5 33	0 46	14 19
T 16	23 18	16 24	0n 0	23 50	0 59	16 51	1 40	1 11	0 24	23 16	0 11	12 52	2 15	5 33	0 46	14 19
W17	23 21	13 34	1 5	23 34	0 45	17 11	1 39	0 56	0 22	23 16	0 10	12 54	2 16	5 32	0 46	14 20
T 18	23 23	10 6	2 8	23 18	0 29	17 31	1 37	0 40	0 21	23 16	0 10	12 55	2 16	5 32	0 46	14 20
F 19	23 25	6 7	3 7	23 2	0 13	17 50	1 36	0 24	0 19	23 17	0 10	12 57	2 16	5 32	0 46	14 20
S 20	23 26	1 44	3 57	22 45	0n 5	18 8	1 34	0 8	0 17	23 17	0 10	12 59	2 16	5 31	0 46	14 20
S 21	23 27	2s52	4 37	22 29	0 24	18 26	1 32	0n 8	0 16	23 17	0 10	13 0	2 16	5 31	0 46	14 21
M22	23 27	7 29	5 2	22 13	0 44	18 44	1 30	0 24	0 14	23 17	0 10	13 2	2 16	5 30	0 46	14 21
T 23	23 27	11 50	5 9	21 58	1 4	19 1	1 28	0 39	0 12	23 17	0 10	13 3	2 16	5 30	0 46	14 21
W24	23 26	15 35	4 56	21 43	1 23	19 18	1 26	0 55	0 11	23 17	0 10	13 5	2 17	5 29	0 46	14 22
T 25	23 25	18 24	4 23	21 28	1 43	19 34	1 24	1 11	0 9	23 17	0 10	13 6	2 17	5 28	0 45	14 22
F 26	23 23	19 56	3 30	21 14	2 1	19 49	1 22	1 27	0 8	23 17	0 10	13 8	2 17	5 28	0 45	14 22
S 27	23 21	20 1	2 23	21 1	2 18	20 4	1 20	1 43	0 6	23 16	0 9	13 9	2 17	5 27	0 45	14 23
S 28	23 19	18 38	1 6	20 50	2 33	20 19	1 18	1 59	0 5	23 16	0 9	13 11	2 17	5 27	0 45	14 23
M29	23 16	16 2	0s14	20 39	2 45	20 33	1 16	2 15	0 3	23 16	0 9	13 12	2 17	5 26	0 45	14 23
T 30	23 12	12 30	1 31	20 30	2 56	20 46	1 14	2 31	0 2	23 16	0 9	13 14	2 18	5 25	0 45	14 24
W31	23s 8	8s23	2s40	20s23	3n 4	20s59	1n11	2n47	0s 0	23s16	0n 9	13s15	2n18	5s25	0s45	14n24