



# Astrodienst Ephemeris Tables for the year 1917

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 1917  
geocentric

JANUARY 1917

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 40 17	10♌1'30	16♍12	29♌10	12♌1	23♌19	25♍38	28°R29	17♌33	4°R 8	3°R15	19°R55	20♌22	6♌2	22♌11	M 1
T 2	6 44 14	11° 2'39	29°25	0♌20	13°15	24° 6	25°41	28°25	17°36	4♌6	3°14	19°55	20°19	6° 9	22°12	T 2
W 3	6 48 10	12° 3'48	12♌20	1°25	14°30	24°53	25°43	28°20	17°39	4° 5	3°12	19°54	20°16	6°16	22°14	W 3
T 4	6 52 7	13° 4'57	24°59	2°24	15°45	25°40	25°46	28°16	17°42	4° 3	3°11	19°53	20°13	6°22	22°15	T 4
F 5	6 56 4	14° 6'06	7♌24	3°18	16°59	26°27	25°49	28°11	17°45	4° 2	3°10	19°52	20°10	6°29	22°17	F 5
S 6	7 0 0	15° 7'14	19°38	4° 4	18°14	27°14	25°52	28° 6	17°48	4° 0	3° 9	19°52	20° 6	6°35	22°19	S 6
S 7	7 3 57	16° 8'23	1♌43	4°42	19°29	28° 1	25°56	28° 1	17°51	3°58	3° 8	19°51	20° 3	6°42	22°21	S 7
M 8	7 7 53	17° 9'31	13°40	5°11	20°43	28°48	25°59	27°57	17°54	3°57	3° 7	19°51	20° 0	6°49	22°23	M 8
T 9	7 11 50	18°10'38	25°33	5°31	21°58	29°35	26° 3	27°52	17°58	3°55	3° 5	19°D51	19°57	6°55	22°25	T 9
W10	7 15 46	19°11'46	7♌21	5°R40	23°13	0♌22	26° 7	27°47	18° 1	3°54	3° 4	19°51	19°54	7° 2	22°27	W10
T 11	7 19 43	20°12'53	19° 9	5°37	24°27	1° 9	26°11	27°42	18° 4	3°52	3° 3	19°R51	19°50	7° 9	22°29	T 11
F 12	7 23 40	21°14'00	0♌59	5°23	25°42	1°56	26°15	27°37	18° 7	3°50	3° 2	19°51	19°47	7°15	22°31	F 12
S 13	7 27 36	22°15'06	12°52	4°57	26°57	2°43	26°20	27°32	18°10	3°49	3° 1	19°51	19°44	7°22	22°33	S 13
S 14	7 31 33	23°16'13	24°54	4°19	28°12	3°30	26°25	27°27	18°13	3°47	3° 0	19°50	19°41	7°29	22°35	S 14
M15	7 35 29	24°17'19	7♌7	3°31	29°26	4°17	26°29	27°22	18°17	3°45	2°58	19°50	19°38	7°35	22°37	M15
T 16	7 39 26	25°18'25	19°36	2°33	0♌41	5° 4	26°34	27°17	18°20	3°44	2°57	19°D50	19°35	7°42	22°39	T 16
W17	7 43 22	26°19'31	2♌25	1°26	1°56	5°52	26°40	27°13	18°23	3°42	2°56	19°50	19°31	7°49	22°42	W17
T 18	7 47 19	27°20'37	15°37	0°14	3°11	6°39	26°45	27° 8	18°27	3°40	2°55	19°50	19°28	7°55	22°44	T 18
F 19	7 51 15	28°21'42	29°15	28♌58	4°26	7°26	26°51	27° 3	18°30	3°39	2°54	19°51	19°25	8° 2	22°46	F 19
S 20	7 55 12	29°22'47	13♌21	27°40	5°41	8°13	26°57	26°58	18°33	3°37	2°53	19°52	19°22	8° 9	22°49	S 20
S 21	7 59 9	0♌23'52	27°52	26°23	6°55	9° 1	27° 3	26°53	18°37	3°35	2°52	19°52	19°19	8°15	22°51	S 21
M22	8 3 5	1°24'56	12♌45	25° 9	8°10	9°48	27° 9	26°48	18°40	3°34	2°51	19°R53	19°16	8°22	22°54	M22
T 23	8 7 2	2°26'00	27°54	24° 1	9°25	10°35	27°15	26°43	18°43	3°32	2°50	19°53	19°12	8°29	22°56	T 23
W24	8 10 58	3°27'03	13♌8	22°58	10°40	11°23	27°21	26°38	18°47	3°30	2°49	19°52	19° 9	8°35	22°59	W24
T 25	8 14 55	4°28'04	28°19	22° 4	11°55	12°10	27°28	26°33	18°50	3°29	2°48	19°51	19° 6	8°42	23° 1	T 25
F 26	8 18 51	5°29'05	13♌16	21°18	13°10	12°57	27°35	26°28	18°53	3°27	2°47	19°49	19° 3	8°49	23° 4	F 26
S 27	8 22 48	6°30'05	27°52	20°40	14°25	13°45	27°42	26°23	18°57	3°25	2°46	19°47	19° 0	8°55	23° 7	S 27
S 28	8 26 44	7°31'03	12♌3	20°12	15°40	14°32	27°49	26°19	19° 0	3°23	2°45	19°45	18°56	9° 2	23° 9	S 28
M29	8 30 41	8°32'01	25°46	19°53	16°54	15°19	27°56	26°14	19° 4	3°22	2°44	19°43	18°53	9° 8	23°12	M29
T 30	8 34 38	9°32'57	9♌2	19°42	18° 9	16° 7	28° 4	26° 9	19° 7	3°20	2°43	19°D43	18°50	9°15	23°15	T 30
W31	8 38 34	10°33'52	21♌55	19°D39	19♌24	16°54	28°11	26°4	19°11	3♌18	2°42	19♌43	18♌47	9♌22	23♌18	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	23s 4	11n14	5n17	21s43	1s25	21s 4	1n11	22s29	1s 4	8n45	1s15	20n38	0n10	16s13	0s41	19n 0
T 2	22 59	16 9	5 13	21 19	1 15	21 15	1 9	22 21	1 4	8 46	1 15	20 40	0 10	16 13	0 41	19 0
W 3	22 54	20 12	4 54	20 54	1 4	21 27	1 7	22 13	1 4	8 47	1 15	20 41	0 11	16 12	0 41	19 1
T 4	22 48	23 13	4 20	20 29	0 53	21 37	1 4	22 4	1 4	8 48	1 14	20 42	0 11	16 11	0 41	19 1
F 5	22 42	25 5	3 35	20 5	0 40	21 47	1 2	21 56	1 4	8 50	1 14	20 43	0 11	16 10	0 41	19 2
S 6	22 36	25 43	2 40	19 41	0 26	21 57	0 59	21 47	1 4	8 51	1 14	20 44	0 11	16 9	0 41	19 2
S 7	22 28	25 6	1 39	19 17	0 11	22 5	0 57	21 37	1 5	8 53	1 13	20 45	0 11	16 8	0 41	19 2
M 8	22 21	23 19	0 34	18 55	0n 4	22 13	0 54	21 28	1 5	8 54	1 13	20 46	0 11	16 7	0 41	19 3
T 9	22 13	20 31	0s32	18 33	0 21	22 21	0 52	21 18	1 5	8 56	1 13	20 47	0 11	16 6	0 41	19 3
W10	22 5	16 54	1 36	18 14	0 39	22 27	0 49	21 8	1 5	8 58	1 13	20 48	0 11	16 5	0 41	19 3
T 11	21 56	12 37	2 36	17 57	0 57	22 34	0 47	20 58	1 5	8 59	1 12	20 49	0 11	16 4	0 41	19 4
F 12	21 46	7 52	3 29	17 42	1 16	22 39	0 44	20 48	1 5	9 1	1 12	20 50	0 12	16 3	0 41	19 4
S 13	21 37	2 49	4 14	17 30	1 35	22 44	0 41	20 37	1 5	9 3	1 12	20 51	0 12	16 2	0 40	19 5
S 14	21 27	2s23	4 48	17 21	1 53	22 48	0 39	20 26	1 5	9 5	1 11	20 52	0 12	16 1	0 40	19 5
M15	21 16	7 34	5 10	17 15	2 11	22 51	0 36	20 15	1 5	9 7	1 11	20 53	0 12	16 0	0 40	19 5
T 16	21 5	12 34	5 18	17 11	2 29	22 54	0 33	20 4	1 5	9 9	1 11	20 54	0 12	15 59	0 40	19 6
W17	20 54	17 10	5 10	17 11	2 44	22 56	0 31	19 52	1 5	9 11	1 10	20 55	0 12	15 58	0 40	19 6
T 18	20 42	21 5	4 46	17 13	2 58	22 57	0 28	19 40	1 5	9 14	1 10	20 57	0 12	15 57	0 40	19 7
F 19	20 30	24 0	4 6	17 17	3 10	22 57	0 25	19 28	1 5	9 16	1 10	20 58	0 12	15 56	0 40	19 7
S 20	20 17	25 33	3 9	17 23	3 19	22 57	0 23	19 16	1 5	9 18	1 10	20 59	0 12	15 55	0 40	19 7
S 21	20 5	25 25	1 59	17 31	3 26	22 56	0 20	19 4	1 5	9 21	1 9	21 0	0 12	15 54	0 40	19 8
M22	19 51	23 30	0 39	17 40	3 30	22 55	0 17	18 51	1 5	9 23	1 9	21 1	0 13	15 53	0 40	19 8
T 23	19 38	19 52	0n44	17 50	3 32	22 53	0 14	18 38	1 5	9 26	1 9	21 2	0 13	15 52	0 40	19 9
W24	19 24	14 53	2 6	18 1	3 32	22 50	0 12	18 25	1 5	9 28	1 9	21 3	0 13	15 51	0 40	19 9
T 25	19 9	8 59	3 17	18 12	3 29	22 46	0 9	18 12	1 5	9 31	1 8	21 4	0 13	15 50	0 40	19 9
F 26	18 54	2 40	4 15	18 24	3 24	22 42	0 6	17 59	1 5	9 34	1 8	21 5	0 13	15 49	0 40	19 10
S 27	18 39	3n39	4 54	18 35	3 18	22 37	0 4	17 45	1 5	9 36	1 8	21 6	0 13	15 47	0 40	19 10
S 28	18 24	9 34	5 14	18 47	3 11	22 31	0 1	17 31	1 5	9 39	1 7	21 7	0 13	15 46	0 40	19 11
M29	18 8	14 50	5 15	18 58	3 2	22 24	0s 2	17 17	1 5	9 42	1 7	21 8	0 13	15 45	0 40	19 11
T 30	17 52	19 14	4 59	19 9	2 53	22 17	0 4	17 3	1 5	9 45	1 7	21 9	0 13	15 44	0 40	19 11
W31	17s36	22n34	4n28	19s19	2n43	22s10	0s 7	16s49	1s 5	9n48	1s 7	21n10	0n14	15s43	0s40	19n12

Julian Day Number = 2421229.5, Delta T = 19.43 sec  
Ecliptic obliquity = 23°27'03, Nutation = 0°00'16, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 23°34'52, Lahiri = 22°41'52

ASTRODIENST EPHEMERIS for the year 1917  
geocentric

FEBRUARY 1917

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 31	11 <sup>33</sup> 44'5	4 <sup>11</sup> 26	19 <sup>34</sup> 43	20 <sup>3</sup> 39	17 <sup>34</sup> 42	28 <sup>19</sup> 19	26 <sup>0</sup> R 0	19 <sup>34</sup> 14	3 <sup>0</sup> R17	2 <sup>0</sup> R41	19 <sup>34</sup> 44	18 <sup>34</sup> 44	9 <sup>0</sup> 28	23 <sup>3</sup> 21	T 1
F 2	8 46 27	12 <sup>35</sup> 37	16 <sup>42</sup>	19 <sup>55</sup>	21 <sup>54</sup>	18 <sup>29</sup>	28 <sup>27</sup>	25 <sup>55</sup>	19 <sup>18</sup>	3 <sup>0</sup> 15	2 <sup>54</sup> 0	19 <sup>46</sup>	18 <sup>41</sup>	9 <sup>35</sup>	23 <sup>23</sup>	F 2
S 3	8 50 24	13 <sup>36</sup> 28	28 <sup>45</sup>	20 <sup>14</sup>	23 <sup>9</sup>	19 <sup>17</sup>	28 <sup>35</sup>	25 <sup>50</sup>	19 <sup>21</sup>	3 <sup>13</sup>	2 <sup>39</sup>	19 <sup>48</sup>	18 <sup>37</sup>	9 <sup>42</sup>	23 <sup>26</sup>	S 3
S 4	8 54 20	14 <sup>37</sup> 18	10 <sup>54</sup> 0	20 <sup>38</sup>	24 <sup>24</sup>	20 <sup>4</sup>	28 <sup>43</sup>	25 <sup>46</sup>	19 <sup>24</sup>	3 <sup>12</sup>	2 <sup>38</sup>	19 <sup>49</sup>	18 <sup>34</sup>	9 <sup>48</sup>	23 <sup>29</sup>	S 4
M 5	8 58 17	15 <sup>38</sup> 06	22 <sup>30</sup>	21 <sup>9</sup>	25 <sup>38</sup>	20 <sup>51</sup>	28 <sup>52</sup>	25 <sup>41</sup>	19 <sup>28</sup>	3 <sup>10</sup>	2 <sup>38</sup>	19 <sup>49</sup>	18 <sup>31</sup>	9 <sup>55</sup>	23 <sup>32</sup>	M 5
T 6	9 2 13	16 <sup>38</sup> 53	4 <sup>0</sup> 18	21 <sup>44</sup>	26 <sup>53</sup>	21 <sup>39</sup>	29 <sup>0</sup>	25 <sup>37</sup>	19 <sup>31</sup>	3 <sup>8</sup>	2 <sup>37</sup>	19 <sup>48</sup>	18 <sup>28</sup>	10 <sup>2</sup>	23 <sup>35</sup>	T 6
W 7	9 6 10	17 <sup>39</sup> 39	16 <sup>6</sup>	22 <sup>24</sup>	28 <sup>8</sup>	22 <sup>26</sup>	29 <sup>9</sup>	25 <sup>33</sup>	19 <sup>35</sup>	3 <sup>7</sup>	2 <sup>36</sup>	19 <sup>46</sup>	18 <sup>25</sup>	10 <sup>8</sup>	23 <sup>38</sup>	W 7
T 8	9 10 7	18 <sup>40</sup> 23	27 <sup>57</sup>	23 <sup>8</sup>	29 <sup>23</sup>	23 <sup>14</sup>	29 <sup>17</sup>	25 <sup>28</sup>	19 <sup>38</sup>	3 <sup>5</sup>	2 <sup>35</sup>	19 <sup>42</sup>	18 <sup>22</sup>	10 <sup>15</sup>	23 <sup>41</sup>	T 8
F 9	9 14 3	19 <sup>41</sup> 06	9 <sup>11</sup> 52	23 <sup>56</sup>	0 <sup>38</sup>	24 <sup>1</sup>	29 <sup>26</sup>	25 <sup>24</sup>	19 <sup>42</sup>	3 <sup>4</sup>	2 <sup>34</sup>	19 <sup>37</sup>	18 <sup>18</sup>	10 <sup>22</sup>	23 <sup>45</sup>	F 9
S 10	9 18 0	20 <sup>41</sup> 48	21 <sup>53</sup>	24 <sup>48</sup>	1 <sup>53</sup>	24 <sup>49</sup>	29 <sup>35</sup>	25 <sup>20</sup>	19 <sup>45</sup>	3 <sup>2</sup>	2 <sup>34</sup>	19 <sup>31</sup>	18 <sup>15</sup>	10 <sup>28</sup>	23 <sup>48</sup>	S 10
S 11	9 21 56	21 <sup>42</sup> 29	4 <sup>1</sup> 2	25 <sup>43</sup>	3 <sup>8</sup>	25 <sup>36</sup>	29 <sup>44</sup>	25 <sup>16</sup>	19 <sup>49</sup>	3 <sup>0</sup>	2 <sup>33</sup>	19 <sup>25</sup>	18 <sup>12</sup>	10 <sup>35</sup>	23 <sup>51</sup>	S 11
M 12	9 25 53	22 <sup>43</sup> 08	16 <sup>21</sup>	26 <sup>41</sup>	4 <sup>23</sup>	26 <sup>23</sup>	29 <sup>54</sup>	25 <sup>11</sup>	19 <sup>52</sup>	2 <sup>59</sup>	2 <sup>32</sup>	19 <sup>20</sup>	18 <sup>9</sup>	10 <sup>42</sup>	23 <sup>54</sup>	M 12
T 13	9 29 49	23 <sup>43</sup> 46	28 <sup>53</sup>	27 <sup>42</sup>	5 <sup>37</sup>	27 <sup>11</sup>	0 <sup>3</sup>	25 <sup>7</sup>	19 <sup>56</sup>	2 <sup>57</sup>	2 <sup>31</sup>	19 <sup>16</sup>	18 <sup>6</sup>	10 <sup>48</sup>	23 <sup>57</sup>	T 13
W 14	9 33 46	24 <sup>44</sup> 23	11 <sup>11</sup> 41	28 <sup>45</sup>	6 <sup>52</sup>	27 <sup>58</sup>	0 <sup>13</sup>	25 <sup>3</sup>	19 <sup>59</sup>	2 <sup>56</sup>	2 <sup>31</sup>	19 <sup>14</sup>	18 <sup>2</sup>	10 <sup>55</sup>	24 <sup>0</sup>	W 14
T 15	9 37 42	25 <sup>44</sup> 59	24 <sup>47</sup>	29 <sup>51</sup>	8 <sup>7</sup>	28 <sup>46</sup>	0 <sup>22</sup>	25 <sup>0</sup>	20 <sup>3</sup>	2 <sup>54</sup>	2 <sup>30</sup>	19 <sup>0</sup> D13	17 <sup>59</sup>	11 <sup>2</sup>	24 <sup>4</sup>	T 15
F 16	9 41 39	26 <sup>45</sup> 34	8 <sup>1</sup> 15	0 <sup>59</sup>	9 <sup>22</sup>	29 <sup>33</sup>	0 <sup>32</sup>	24 <sup>56</sup>	20 <sup>6</sup>	2 <sup>53</sup>	2 <sup>29</sup>	19 <sup>13</sup>	17 <sup>56</sup>	11 <sup>8</sup>	24 <sup>7</sup>	F 16
S 17	9 45 36	27 <sup>46</sup> 08	22 <sup>6</sup>	2 <sup>9</sup>	10 <sup>37</sup>	0 <sup>21</sup>	0 <sup>42</sup>	24 <sup>52</sup>	20 <sup>10</sup>	2 <sup>51</sup>	2 <sup>29</sup>	19 <sup>15</sup>	17 <sup>53</sup>	11 <sup>15</sup>	24 <sup>10</sup>	S 17
S 18	9 49 32	28 <sup>46</sup> 41	6 <sup>3</sup> 21	3 <sup>20</sup>	11 <sup>52</sup>	1 <sup>8</sup>	0 <sup>52</sup>	24 <sup>48</sup>	20 <sup>13</sup>	2 <sup>50</sup>	2 <sup>28</sup>	19 <sup>16</sup>	17 <sup>50</sup>	11 <sup>22</sup>	24 <sup>13</sup>	S 18
M 19	9 53 29	29 <sup>47</sup> 12	20 <sup>59</sup>	4 <sup>34</sup>	13 <sup>7</sup>	1 <sup>56</sup>	1 <sup>2</sup>	24 <sup>45</sup>	20 <sup>17</sup>	2 <sup>48</sup>	2 <sup>28</sup>	19 <sup>0</sup> R16	17 <sup>47</sup>	11 <sup>28</sup>	24 <sup>17</sup>	M 19
T 20	9 57 25	0 <sup>47</sup> 41	5 <sup>56</sup>	5 <sup>49</sup>	14 <sup>21</sup>	2 <sup>43</sup>	1 <sup>12</sup>	24 <sup>41</sup>	20 <sup>20</sup>	2 <sup>47</sup>	2 <sup>27</sup>	19 <sup>15</sup>	17 <sup>43</sup>	11 <sup>35</sup>	24 <sup>20</sup>	T 20
W 21	10 1 22	1 <sup>48</sup> 10	21 <sup>4</sup>	7 <sup>6</sup>	15 <sup>36</sup>	3 <sup>30</sup>	1 <sup>23</sup>	24 <sup>38</sup>	20 <sup>23</sup>	2 <sup>45</sup>	2 <sup>26</sup>	19 <sup>12</sup>	17 <sup>40</sup>	11 <sup>42</sup>	24 <sup>24</sup>	W 21
T 22	10 5 18	2 <sup>48</sup> 36	6 <sup>16</sup>	8 <sup>25</sup>	16 <sup>51</sup>	4 <sup>18</sup>	1 <sup>33</sup>	24 <sup>34</sup>	20 <sup>27</sup>	2 <sup>44</sup>	2 <sup>26</sup>	19 <sup>7</sup>	17 <sup>37</sup>	11 <sup>48</sup>	24 <sup>27</sup>	T 22
F 23	10 9 15	3 <sup>49</sup> 01	21 <sup>20</sup>	9 <sup>45</sup>	18 <sup>6</sup>	5 <sup>5</sup>	1 <sup>44</sup>	24 <sup>31</sup>	20 <sup>30</sup>	2 <sup>42</sup>	2 <sup>25</sup>	19 <sup>0</sup>	17 <sup>34</sup>	11 <sup>55</sup>	24 <sup>30</sup>	F 23
S 24	10 13 11	4 <sup>49</sup> 24	6 <sup>17</sup>	11 <sup>6</sup>	19 <sup>21</sup>	5 <sup>53</sup>	1 <sup>55</sup>	24 <sup>28</sup>	20 <sup>34</sup>	2 <sup>41</sup>	2 <sup>25</sup>	18 <sup>53</sup>	17 <sup>31</sup>	12 <sup>2</sup>	24 <sup>34</sup>	S 24
S 25	10 17 8	5 <sup>49</sup> 46	20 <sup>30</sup>	12 <sup>29</sup>	20 <sup>36</sup>	6 <sup>40</sup>	2 <sup>5</sup>	24 <sup>25</sup>	20 <sup>37</sup>	2 <sup>40</sup>	2 <sup>24</sup>	18 <sup>46</sup>	17 <sup>27</sup>	12 <sup>8</sup>	24 <sup>37</sup>	S 25
M 26	10 21 5	6 <sup>50</sup> 05	4 <sup>24</sup>	13 <sup>53</sup>	21 <sup>50</sup>	7 <sup>27</sup>	2 <sup>16</sup>	24 <sup>22</sup>	20 <sup>40</sup>	2 <sup>38</sup>	2 <sup>24</sup>	18 <sup>40</sup>	17 <sup>24</sup>	12 <sup>15</sup>	24 <sup>41</sup>	M 26
T 27	10 25 1	7 <sup>50</sup> 23	17 <sup>48</sup>	15 <sup>18</sup>	23 <sup>5</sup>	8 <sup>15</sup>	2 <sup>27</sup>	24 <sup>19</sup>	20 <sup>44</sup>	2 <sup>37</sup>	2 <sup>24</sup>	18 <sup>36</sup>	17 <sup>21</sup>	12 <sup>22</sup>	24 <sup>44</sup>	T 27
W 28	10 28 58	8 <sup>50</sup> 38	0 <sup>11</sup> 46	16 <sup>44</sup>	24 <sup>20</sup>	9 <sup>12</sup>	2 <sup>38</sup>	24 <sup>16</sup>	20 <sup>47</sup>	2 <sup>36</sup>	2 <sup>23</sup>	18 <sup>34</sup>	17 <sup>18</sup>	12 <sup>28</sup>	24 <sup>48</sup>	W 28

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s19	24n44	3n45	19s29	2n32	22s 1	0s10	16s34	1s 5	9n51	1s 6	21n11	0n14	15s42	0s40	19n12	0s14	18n34	4s51	22s 0	22s 8	16n 8	0n42	3n39			
F 2	17 2	25 39	2 53	19 38	2 21	21 52	0 12	16 19	1 5	9 54	1 6	21 12	0 14	15 41	0 40	19 13	0 14	18 34	4 51	22 0	22 9	16 5	0 43	3 39			
S 3	16 45	25 20	1 54	19 47	2 10	21 42	0 15	16 5	1 5	9 57	1 6	21 13	0 14	15 40	0 40	19 13	0 14	18 34	4 51	21 59	22 9	16 3	0 44	3 38			
S 4	16 27	23 51	0 50	19 54	1 59	21 32	0 17	15 49	1 5	10 0	1 6	21 14	0 14	15 39	0 40	19 13	0 14	18 34	4 51	21 59	22 10	16 0	0 45	3 38			
M 5	16 9	21 20	0s15	20 1	1 47	21 21	0 20	15 34	1 5	10 3	1 5	21 15	0 14	15 38	0 40	19 14	0 14	18 35	4 51	21 59	22 10	15 57	0 46	3 38			
T 6	15 51	17 55	1 19	20 7	1 36	21 9	0 22	15 19	1 5	10 7	1 5	21 16	0 14	15 37	0 40	19 14	0 14	18 35	4 51	21 59	22 11	15 55	0 47	3 38			
W 7	15 33	13 48	2 19	20 12	1 25	20 57	0 25	15 3	1 4	10 10	1 5	21 17	0 14	15 36	0 40	19 15	0 14	18 35	4 51	22 0	22 11	15 52	0 48	3 38			
T 8	15 14	9 9	3 14	20 16	1 14	20 44	0 27	14 48	1 4	10 13	1 5	21 17	0 14	15 34	0 40	19 15	0 14	18 35	4 51	22 0	22 12	15 50	0 49	3 38			
F 9	14 55	4 10	4 1	20 18	1 2	20 30	0 30	14 32	1 4	10 17	1 4	21 18	0 14	15 33	0 40	19 15	0 14	18 35	4 50	22 1	22 12	15 47	0 50	3 37			
S 10	14 36	1s 1	4 37	20 20	0 52	20 16	0 32	14 16	1 4	10 20	1 4	21 19	0 15	15 32	0 40	19 16	0 14	18 35	4 50	22 2	22 12	15 45	0 52	3 37			
S 11	14 17	6 12	5 1	20 20	0 41	20 1	0 34	14 0	1 4	10 23	1 4	21 20	0 15	15 31	0 40	19 16	0 14	18 36	4 50	22 3	22 13	15 42	0 53	3 37			
M 12	13 57	11 13	5 12	20 20	0 31	19 46	0 37	13 44	1 4	10 27	1 4	21 21	0 15	15 30	0 40	19 17	0 14	18 36	4 50	22 3	22 13	15 39	0 54	3 37			
T 13	13 37	15 52	5 8	20 18	0 20	19 30	0 39	13 27	1 4	10 30	1 3	21 22	0 15	15 29	0 40	19 17	0 14	18 36	4 50	22 4	22 14	15 37	0 55	3 37			
W 14	13 17	19 55	4 49	20 15	0 10	19 14	0 41	13 11	1 4	10 34	1 3	21 23	0 15	15 28	0 40	19 17	0 14	18 36	4 50	22 4	22 14	15 34	0 56	3 37			
T 15	12 57	23 5	4 14	20 11	0 1	18 57	0 43	12 54	1 3	10 38	1 3	21 23	0 15	15 27	0 40	19 18	0 14	18 36	4 50	22 4	22 14	15 32	0 57	3 36			
F 16	12 36	25 4	3 25	20 5	0s 9	18 39	0 45	12 37	1 3	10 41	1 3	21 24	0 15	15 26	0 40	19 18	0 14	18 36	4 49	22 4	22 15	15 29	0 58	3 36			
S 17	12 15	25 35	2 23	19 59	0 18	18 21	0 47	12 20	1 3	10 45	1 2	21 25	0 15	15 25	0 40	19 18	0 14	18 36	4 49	22 4	22 15	15 27	0 59	3 36			
S 18	11 54	24 28	1 10	19 51	0 26	18 2	0 50	12 3	1 3	10 49	1 2	21 26	0 15	15 23	0 40	19 19	0 14	18 37	4 49	22 4	22 16	15 24	1 1	3 36			
M 19	11 33	21 40	0n 9	19 42	0 35	17 43	0 52	11 46	1 3	10 52	1 2	21 26	0 15	15 22	0 40	19 19	0 14	18 37	4 49	22 4	22 16	15 21	1 2	3 36			
T 20	11 12	17 21	1 29	19 31	0 43	17 23	0 54	11 29	1 2	10 56	1 2	21 27	0 15	15 21	0 40	19 19	0 14	18 37	4 49	22 4	22 17	15 19	1 3	3 36			
W 21	10 50	11 53	2 44	19 19	0 51	17 3	0 55	11 12	1 2	11 0	1 2	21 28	0 16	15 20	0 40	19 20	0 14	18 37	4 49	22 4	22 17	15 16	1 4	3 36			
T 22	10 29	5 42	3 47	19 6	0 58	16 42	0 57	10 54	1 2	11 4	1 1	21 28	0 16	15 19	0 40	19 20	0 14	18 37	4 49	22 5	22 17	15 14	1 5	3 35			
F 23	10 7	0n45	4 34	18 52	1 6	16 21	0 59	10 37	1 2	11 8	1 1	21 29	0 16	15 18	0 40	19 20	0 14	18 37	4 48	22 6	22 18	15 11	1 7	3 35			
S 24	9 45	7 2	5 1	18 37	1 12	15 59	1 1	10 19	1 2	11 11	1 1	21 30	0 16	15 17	0 40	19 21	0 14	18 38	4 48	22 7	22 18	15 8	1 8	3 35			
S 25	9 23	12 46	5 8	18 20	1 19	15 37	1 3	10 1	1 1	11 15	1 1	21 30	0 16	15 16	0 40	19 21	0 14	18 38	4 48	22 8	22 19	15 6	1 9	3 35			
M 26	9 0	17 39	4 57	18 2	1 25	15 15	1 4	9 43	1 1	11 19	1 1	21 31	0 16	15 15	0 41	19 21	0 14	18 38	4 48	22 9	22 19	15 3	1 10	3 35			
T 27	8 38	21 28	4 30	17 42	1 31	14 52	1 6	9 25	1 1	11 23	1 0	21 32	0 16	15 14	0 41	19 22	0 14	18 38	4 48	22 10	22 19	15 1	1 12	3 35			
W 28	8s15	24n 3	3n49	17s22	1s36	14s29	1s 8	9s 7	1s 1	11n27	1s 0	21n32	0n16	15s13	0s41	19n22	0s14	18n38	4s48	22s10	22s20	14n58	1n13	3n35			

ASTRODIENST EPHEMERIS for the year 1917  
geocentric

MARCH 1917

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	10 32 54	9♉50°52	13♊19	18♋12	25♌35	9♍49	2♎50	24°R13	20♏51	2°R34	2°R23	18°D33	17♐15	12♑35	24♒51	T 1
F 2	10 36 51	10°51'03	25°33	19°41	26°50	10°37	3° 1	24°51	20°54	2♑33	2♒22	18°S34	17°12	12°42	24°55	F 2
S 3	10 40 47	11°51'12	7°53	21°11	28° 4	11°24	3°12	24° 8	20°57	2°32	2°22	18°35	17° 8	12°48	24°58	S 3
S 4	10 44 44	12°51'20	19°24	22°42	29°19	12°11	3°24	24° 6	21° 0	2°31	2°22	18°R36	17° 5	12°55	25° 2	S 4
M 5	10 48 40	13°51'25	1♑11	24°14	0♋34	12°58	3°35	24° 4	21° 4	2°29	2°22	18°35	17° 2	13° 1	25° 5	M 5
T 6	10 52 37	14°51'28	12°58	25°47	1°49	13°46	3°47	24° 1	21° 7	2°28	2°21	18°32	16°59	13° 8	25° 9	T 6
W 7	10 56 34	15°51'29	24°48	27°22	3° 3	14°33	3°59	23°59	21°10	2°27	2°21	18°26	16°56	13°15	25°12	W 7
T 8	11 0 30	16°51'28	6♎44	28°57	4°18	15°20	4°11	23°57	21°13	2°26	2°21	18°18	16°53	13°21	25°16	T 8
F 9	11 4 27	17°51'25	18°48	0♋34	5°33	16° 7	4°23	23°55	21°17	2°25	2°21	18° 8	16°49	13°28	25°19	F 9
S 10	11 8 23	18°51'20	1♒ 1	2°12	6°47	16°54	4°35	23°54	21°20	2°24	2°20	17°56	16°46	13°35	25°23	S 10
S 11	11 12 20	19°51'13	13°24	3°51	8° 2	17°42	4°47	23°52	21°23	2°23	2°20	17°44	16°43	13°41	25°27	S 11
M12	11 16 16	20°51'05	25°57	5°31	9°17	18°29	4°59	23°50	21°26	2°22	2°20	17°34	16°40	13°48	25°30	M12
T 13	11 20 13	21°50'55	8♎41	7°13	10°31	19°16	5°11	23°49	21°29	2°21	2°20	17°24	16°37	13°55	25°34	T 13
W14	11 24 9	22°50'43	21°38	8°55	11°46	20° 3	5°23	23°47	21°32	2°20	2°20	17°18	16°33	14° 1	25°37	W14
T 15	11 28 6	23°50'29	4♌48	10°39	13° 1	20°50	5°36	23°46	21°35	2°19	2°20	17°14	16°30	14° 8	25°41	T 15
F 16	11 32 2	24°50'14	18°14	12°24	14°15	21°37	5°48	23°45	21°39	2°18	2°20	17°12	16°27	14°15	25°44	F 16
S 17	11 35 59	25°49'57	1♐56	14°10	15°30	22°24	6° 1	23°44	21°42	2°17	2°D20	17°D12	16°24	14°21	25°48	S 17
S 18	11 39 56	26°49'38	15°57	15°57	16°45	23°11	6°13	23°43	21°45	2°16	2°20	17°R12	16°21	14°28	25°52	S 18
M19	11 43 52	27°49'18	0♋17	17°46	17°59	23°58	6°26	23°42	21°48	2°16	2°20	17°12	16°18	14°35	25°55	M19
T 20	11 47 49	28°48'56	14°53	19°36	19°14	24°45	6°39	23°41	21°51	2°15	2°20	17° 9	16°14	14°41	25°59	T 20
W21	11 51 45	29°48'32	29°41	21°27	20°28	25°32	6°52	23°41	21°53	2°14	2°20	17° 4	16°11	14°48	26° 2	W21
T 22	11 55 42	0♐48°06	14♋35	23°19	21°43	26°18	7° 5	23°40	21°56	2°13	2°20	16°56	16° 8	14°55	26° 6	T 22
F 23	11 59 38	1°47'38	29°27	25°13	22°58	27° 5	7°17	23°40	21°59	2°13	2°20	16°46	16° 5	15° 1	26°10	F 23
S 24	12 3 35	2°47'08	14♐ 8	27° 7	24°12	27°52	7°30	23°39	22° 2	2°12	2°20	16°34	16° 2	15° 8	26°13	S 24
S 25	12 7 31	3°46'36	28°29	29° 4	25°27	28°39	7°43	23°39	22° 5	2°11	2°21	16°23	15°59	15°15	26°17	S 25
M26	12 11 28	4°46'02	12♐25	1°Y 1	26°41	29°26	7°57	23°D39	22° 8	2°11	2°21	16°13	15°55	15°21	26°20	M26
T 27	12 15 25	5°45'26	25°54	2°59	27°56	0♐12	8°10	23°39	22°10	2°10	2°21	16° 5	15°52	15°28	26°24	T 27
W28	12 19 21	6°44'48	8♊56	4°59	29°10	0°59	8°23	23°39	22°13	2°10	2°21	16° 0	15°49	15°35	26°27	W28
T 29	12 23 18	7°44'07	21°33	6°59	0♐25	1°46	8°36	23°40	22°16	2° 9	2°21	15°58	15°46	15°41	26°31	T 29
F 30	12 27 14	8°43'24	3♐49	9° 1	1°39	2°32	8°50	23°40	22°19	2° 9	2°22	15°57	15°43	15°48	26°34	F 30
S 31	12 31 11	9♐42'38	15♐51	11♐ 3	2♐54	3♐19	9♌ 3	23°54	22°21	2♌ 8	2♐22	15°S57	15°S39	15°S55	26°S38	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
T 1	7s53	25n22	2n59	17s 0	1s42	14s 5	1s 9	8s49	1s 0	11n31	1s 0	21n33	0n16	15s12
F 2	7 30	25 24	2 1	16 36	1 46	13 41	1 11	8 31	1 0	11 35	1 0	21 33	0 16	15 11
S 3	7 7	24 13	0 59	16 12	1 51	13 16	1 12	8 13	1 0	11 39	1 0	21 34	0 16	15 10
S 4	6 44	21 59	0s 4	15 46	1 55	12 52	1 13	7 55	1 0	11 43	0 59	21 34	0 16	15 9
M 5	6 21	18 49	1 7	15 19	1 58	12 26	1 15	7 36	0 59	11 48	0 59	21 35	0 17	15 8
T 6	5 58	14 54	2 7	14 50	2 2	12 1	1 16	7 18	0 59	11 52	0 59	21 35	0 17	15 6
W 7	5 35	10 25	3 1	14 21	2 5	11 35	1 17	6 59	0 59	11 56	0 59	21 36	0 17	15 5
T 8	5 11	5 30	3 48	13 50	2 7	11 9	1 18	6 41	0 58	12 0	0 59	21 36	0 17	15 4
F 9	4 48	0 22	4 25	13 17	2 9	10 42	1 19	6 22	0 58	12 4	0 58	21 37	0 17	15 3
S 10	4 25	4s51	4 50	12 44	2 11	10 16	1 20	6 4	0 58	12 8	0 58	21 37	0 17	15 2
S 11	4 1	9 56	5 2	12 9	2 12	9 49	1 21	5 45	0 58	12 13	0 58	21 37	0 17	15 1
M12	3 38	14 41	5 0	11 33	2 13	9 21	1 22	5 26	0 57	12 17	0 58	21 38	0 17	15 0
T 13	3 14	18 52	4 43	10 56	2 13	8 54	1 23	5 7	0 57	12 21	0 58	21 38	0 17	14 59
W14	2 50	22 13	4 11	10 17	2 13	8 26	1 23	4 49	0 57	12 25	0 58	21 38	0 17	14 58
T 15	2 27	24 28	3 26	9 37	2 13	7 58	1 24	4 30	0 56	12 30	0 57	21 39	0 17	14 57
F 16	2 3	25 23	2 28	8 56	2 12	7 30	1 25	4 11	0 56	12 34	0 57	21 39	0 17	14 57
S 17	1 39	24 47	1 20	8 14	2 10	7 2	1 25	3 52	0 55	12 38	0 57	21 39	0 17	14 56
S 18	1 16	22 36	0 7	7 31	2 8	6 33	1 26	3 33	0 55	12 42	0 57	21 39	0 17	14 55
M19	0 52	18 59	1n 9	6 46	2 6	6 4	1 26	3 14	0 55	12 47	0 57	21 40	0 18	14 54
T 20	0 28	14 8	2 21	6 0	2 3	5 35	1 26	2 55	0 54	12 51	0 57	21 40	0 18	14 53
W21	0 5	8 23	3 25	5 13	2 0	5 6	1 27	2 36	0 54	12 55	0 56	21 40	0 18	14 52
T 22	0n19	2 9	4 15	4 25	1 56	4 37	1 27	2 17	0 54	13 0	0 56	21 40	0 18	14 51
F 23	0 43	4n11	4 48	3 36	1 51	4 8	1 27	1 58	0 53	13 4	0 56	21 40	0 18	14 50
S 24	1 7	10 12	5 1	2 46	1 46	3 38	1 27	1 39	0 53	13 8	0 56	21 40	0 18	14 49
S 25	1 30	15 31	4 55	1 55	1 41	3 9	1 27	1 20	0 52	13 13	0 56	21 40	0 18	14 48
M26	1 54	19 52	4 31	1 3	1 35	2 39	1 27	1 1	0 52	13 17	0 56	21 40	0 18	14 47
T 27	2 17	23 0	3 52	0 10	1 28	2 9	1 27	0 42	0 52	13 22	0 55	21 41	0 18	14 46
W28	2 41	24 48	3 3	0n44	1 21	1 39	1 27	0 23	0 51	13 26	0 55	21 41	0 18	14 46
T 29	3 4	25 16	2 6	1 39	1 14	1 10	1 27	0 5	0 51	13 30	0 55	21 41	0 18	14 45
F 30	3 28	24 28	1 4	2 34	1 5	0 40	1 26	0n14	0 50	13 35	0 55	21 41	0 18	14 44
S 31	3n51	22n31	0n 1	3n30	0s57	0s10	1s26	0n33	0s50	13n39	0s55	21n41	0n18	14s43

Julian Day Number = 2421288.5, Delta T = 19.57 sec  
Ecliptic obliquity = 23°27'03, Nutation = 0°00'17, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 23°35'00, Lahiri = 22°42'01

ASTRODIENST EPHEMERIS for the year 1917  
geocentric

APRIL 1917

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 35 7	10°41'51	27°43	13°6	4°8	4°5	9°16	23°41	22°24	2°8	2°22	15°R56	15°36	16°1	26°42	S 1
M 2	12 39 4	11°41'01	9°31	15°10	5°23	4°52	9°30	23°42	22°26	2°7	2°23	15°35	15°33	16°8	26°45	M 2
T 3	12 43 0	12°40'08	21°19	17°14	6°37	5°38	9°43	23°43	22°29	2°7	2°23	15°51	15°30	16°15	26°49	T 3
W 4	12 46 57	13°39'14	3°13	19°18	7°51	6°25	9°57	23°44	22°31	2°7	2°24	15°44	15°27	16°21	26°52	W 4
T 5	12 50 54	14°38'17	15°15	21°22	9°6	7°11	10°10	23°45	22°34	2°6	2°24	15°34	15°24	16°28	26°55	T 5
F 6	12 54 50	15°37'18	27°29	23°26	10°20	7°57	10°24	23°46	22°36	2°6	2°24	15°23	15°20	16°35	26°59	F 6
S 7	12 58 47	16°36'17	9°55	25°29	11°35	8°44	10°38	23°47	22°39	2°6	2°25	15°9	15°17	16°41	27°2	S 7
S 8	13 2 43	17°35'13	22°34	27°31	12°49	9°30	10°51	23°48	22°41	2°6	2°25	14°56	15°14	16°48	27°6	S 8
M 9	13 6 40	18°34'08	5°26	29°32	14°3	10°16	11°5	23°50	22°43	2°6	2°26	14°43	15°11	16°55	27°9	M 9
T 10	13 10 36	19°33'01	18°30	1°30	15°18	11°2	11°19	23°52	22°45	2°5	2°26	14°32	15°8	17°1	27°13	T 10
W 11	13 14 33	20°31'52	1°45	3°27	16°32	11°49	11°33	23°53	22°48	2°5	2°27	14°24	15°4	17°8	27°16	W 11
T 12	13 18 29	21°30'42	15°11	5°22	17°46	12°35	11°46	23°55	22°50	2°5	2°28	14°19	15°1	17°15	27°19	T 12
F 13	13 22 26	22°29'29	28°47	7°14	19°0	13°21	12°0	23°57	22°52	2°D	2°28	14°17	14°58	17°21	27°23	F 13
S 14	13 26 23	23°28'15	12°34	9°2	20°15	14°7	12°14	23°59	22°54	2°5	2°29	14°D16	14°55	17°28	27°26	S 14
S 15	13 30 19	24°26'59	26°31	10°47	21°29	14°53	12°28	24°1	22°56	2°5	2°29	14°R16	14°52	17°35	27°29	S 15
M 16	13 34 16	25°25'42	10°39	12°29	22°43	15°39	12°42	24°3	22°58	2°5	2°30	14°15	14°49	17°41	27°32	M 16
T 17	13 38 12	26°24'23	24°57	14°7	23°57	16°25	12°56	24°6	23°0	2°5	2°31	14°13	14°45	17°48	27°36	T 17
W 18	13 42 9	27°23'02	9°23	15°40	25°12	17°11	13°10	24°8	23°2	2°6	2°31	14°8	14°42	17°55	27°39	W 18
T 19	13 46 5	28°21'39	23°52	17°9	26°26	17°56	13°24	24°10	23°4	2°6	2°32	14°0	14°39	18°1	27°42	T 19
F 20	13 50 2	29°20'15	8°19	18°34	27°40	18°42	13°38	24°13	23°6	2°6	2°33	13°50	14°36	18°8	27°45	F 20
S 21	13 53 58	0°18'49	22°38	19°54	28°54	19°28	13°52	24°16	23°8	2°6	2°34	13°39	14°33	18°15	27°48	S 21
S 22	13 57 55	1°17'21	6°42	21°9	0°8	20°14	14°6	24°19	23°10	2°7	2°34	13°28	14°30	18°21	27°52	S 22
M 23	14 1 52	2°15'51	20°27	22°19	1°23	20°59	14°21	24°22	23°11	2°7	2°35	13°18	14°26	18°28	27°55	M 23
T 24	14 5 48	3°14'19	3°14	23°24	2°37	21°45	14°35	24°25	23°13	2°7	2°36	13°10	14°23	18°35	27°58	T 24
W 25	14 9 45	4°12'45	16°48	24°24	3°51	22°30	14°49	24°28	23°15	2°8	2°37	13°4	14°20	18°41	28°1	W 25
T 26	14 13 41	5°11'10	29°25	25°19	5°5	23°16	15°3	24°31	23°16	2°8	2°38	13°1	14°17	18°48	28°4	T 26
F 27	14 17 38	6°9'32	11°43	26°8	6°19	24°1	15°17	24°34	23°18	2°8	2°39	13°D 1	14°14	18°55	28°7	F 27
S 28	14 21 34	7°7'52	23°47	26°52	7°33	24°47	15°31	24°38	23°19	2°9	2°40	13°1	14°10	19°1	28°10	S 28
S 29	14 25 31	8°6'10	5°41	27°31	8°47	25°32	15°46	24°41	23°21	2°9	2°40	13°R 1	14°7	19°8	28°13	S 29
M 30	14 29 27	9°4'26	17°30	28°4	10°8	26°18	16°0	24°45	23°22	2°10	2°41	13°3	14°3	19°15	28°16	M 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	4n14	19n37	1 s 2	4n27	0s48	0n20	1s25	0n52	0s49	13n43	0s55	21n41	0n18	14s42	0s41	19n29	0s13	18n43	4s42	22s30	22s32	13n33	1n56	3n33	
M 2	4 37	15 56	2 1	5 23	0 38	0 50	1 25	1 11	0 49	13 48	0 55	21 40	0 18	14 41	0 41	19 29	0 13	18 44	4 42	22 30	22 33	13 30	1 58	3 33	
T 3	5 0	11 38	2 55	6 20	0 28	1 20	1 24	1 30	0 49	13 52	0 55	21 40	0 19	14 41	0 41	19 29	0 13	18 44	4 42	22 31	22 33	13 28	1 59	3 33	
W 4	5 23	6 52	3 42	7 17	0 18	1 50	1 24	1 49	0 48	13 57	0 54	21 40	0 19	14 40	0 41	19 29	0 13	18 44	4 42	22 31	22 33	13 25	2 0	3 33	
T 5	5 46	1 49	4 20	8 13	0 8	2 20	1 23	2 7	0 48	14 1	0 54	21 40	0 19	14 39	0 41	19 29	0 13	18 44	4 42	22 32	22 34	13 22	2 2	3 33	
F 6	6 9	3s22	4 46	9 9	0n 3	2 50	1 22	2 26	0 47	14 5	0 54	21 40	0 19	14 38	0 41	19 29	0 13	18 44	4 42	22 34	22 34	13 19	2 3	3 33	
S 7	6 32	8 30	4 59	10 5	0 14	3 20	1 22	2 45	0 47	14 10	0 54	21 40	0 19	14 38	0 41	19 29	0 13	18 44	4 41	22 35	22 34	13 17	2 4	3 33	
S 8	6 54	13 23	4 57	11 0	0 26	3 50	1 21	3 3	0 46	14 14	0 54	21 40	0 19	14 37	0 41	19 30	0 13	18 44	4 41	22 37	22 35	13 14	2 6	3 33	
M 9	7 17	17 45	4 41	11 53	0 37	4 19	1 20	3 22	0 46	14 19	0 54	21 40	0 19	14 36	0 41	19 30	0 13	18 45	4 41	22 38	22 35	13 11	2 7	3 33	
T 10	7 39	21 20	4 10	12 46	0 48	4 49	1 19	3 41	0 45	14 23	0 54	21 39	0 19	14 35	0 41	19 30	0 13	18 45	4 41	22 39	22 36	13 9	2 9	3 33	
W 11	8 1	23 51	3 24	13 36	1 0	5 18	1 18	3 59	0 45	14 27	0 54	21 39	0 19	14 35	0 42	19 30	0 13	18 45	4 41	22 40	22 36	13 6	2 10	3 33	
T 12	8 23	25 4	2 27	14 26	1 11	5 48	1 17	4 18	0 44	14 32	0 53	21 39	0 19	14 34	0 42	19 30	0 13	18 45	4 41	22 41	22 36	13 3	2 11	3 33	
F 13	8 45	24 48	1 21	15 13	1 21	6 17	1 16	4 36	0 44	14 36	0 53	21 39	0 19	14 33	0 42	19 30	0 13	18 45	4 41	22 41	22 37	13 0	2 13	3 33	
S 14	9 7	23 0	0 9	15 58	1 32	6 46	1 14	4 54	0 43	14 40	0 53	21 38	0 19	14 33	0 42	19 30	0 13	18 45	4 40	22 41	22 37	12 58	2 14	3 33	
S 15	9 29	19 48	1n 4	16 41	1 42	7 15	1 13	5 13	0 43	14 45	0 53	21 38	0 19	14 32	0 42	19 30	0 13	18 45	4 40	22 41	22 37	12 55	2 15	3 33	
M 16	9 50	15 25	2 15	17 22	1 52	7 44	1 12	5 31	0 42	14 49	0 53	21 38	0 19	14 31	0 42	19 30	0 13	18 46	4 40	22 41	22 38	12 52	2 17	3 33	
T 17	10 12	10 6	3 18	18 0	2 1	8 13	1 10	5 49	0 42	14 53	0 53	21 37	0 19	14 31	0 42	19 30	0 13	18 46	4 40	22 42	22 38	12 50	2 18	3 33	
W 18	10 33	4 13	4 8	18 36	2 9	8 41	1 9	6 7	0 41	14 58	0 53	21 37	0 19	14 30	0 42	19 30	0 13	18 46	4 40	22 42	22 38	12 47	2 19	3 33	
T 19	10 54	1n54	4 43	19 9	2 17	9 9	1 7	6 25	0 41	15 2	0 53	21 37	0 20	14 30	0 42	19 30	0 13	18 46	4 40	22 43	22 39	12 44	2 20	3 33	
F 20	11 15	7 54	5 0	19 39	2 24	9 37	1 6	6 43	0 40	15 6	0 53	21 36	0 20	14 29	0 42	19 30	0 13	18 46	4 39	22 44	22 39	12 41	2 22	3 33	
S 21	11 35	13 25	4 58	20 7	2 30	10 5	1 4	7 1	0 40	15 10	0 52	21 36	0 20	14 28	0 42	19 30	0 13	18 46	4 39	22 45	22 39	12 39	2 23	3 33	
S 22	11 56	18 7	4 37	20 33	2 35	10 33	1 3	7 18	0 39	15 15	0 52	21 35	0 20	14 28	0 42	19 30	0 13	18 46	4 39	22 46	22 40	12 36	2 24	3 33	
M 23	12 16	21 44	4 1	20 55	2 39	11 0	1 1	7 36	0 39	15 19	0 52	21 35	0 20	14 27	0 42	19 30	0 13	18 47	4 39	22 47	22 40	12 33	2 26	3 33	
T 24	12 36	24 4	3 12	21 15	2 43	11 27	0 59	7 54	0 38	15 23	0 52	21 34	0 20	14 27	0 42	19 29	0 13	18 47	4 39	22 48	22 40	12 31	2 27	3 33	
W 25	12 56	25 2	2 15	21 33	2 45	11 54	0 58	8 11	0 37	15 28	0 52	21 34	0 20	14 26	0 42	19 29	0 13	18 47	4 39	22 48	22 41	12 28	2 28	3 33	
T 26	13 15	24 39	1 12	21 48	2 46	12 21	0 56	8 28	0 37	15 32	0 52	21 33	0 20	14 26	0 42	19 29	0 13	18 47	4 39	22 49	22 41	12 25	2 29	3 33	
F 27	13 35	23 3	0 7	22 0	2 47	12 47	0 54	8 46	0 36	15 36	0 52	21 33	0 20	14 25	0 42	19 29	0 13	18 47	4 38	22 49	22 41	12 22	2 31	3 33	
S 28	13 54	20 25	0s57	22 9	2 46	13 13	0 52	9 3	0 36	15 40	0 52	21 32	0 20	14 25	0 42	19 29	0 13	18 47	4 38	22 49	22 42	12 20	2 32	3 33	
S 29	14 13	16 57	1 58	22 16	2 44	13 38	0 50	9 20	0 35	15 44	0 52	21 32	0 20	14 24	0 42	19 29	0 13	18 47	4 38	22 49	22 42	12 17	2 33	3 33	
M 30	14n32	12n51	2s53	22n21	2n41	14n 4	0s48	9n37	0s35	15n49	0s52	21n31	0n20	14s24	0s42	19n29	0s13	18n47	4s38	22s49	22s42	12n14	2n34	3n33	

# ASTRODIENST EPHEMERIS for the year 1917

## geocentric

MAY 1917

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 33 24	10♈ 2°40	29♏21	28♈32	11♈15	27♏ 3	16♈14	24♏48	23♏24	2♏11	2♏42	12°R59	14♈ 1	19♏21	28♈18	T 1
W 2	14 37 21	11° 0'51	11♏18	28°54	12°29	27°48	16°28	24°52	23°25	2°11	2°43	12♈55	13°58	19°28	28°21	W 2
T 3	14 41 17	11°59'01	23°25	29°11	13°43	28°33	16°42	24°56	23°26	2°12	2°44	12°48	13°55	19°35	28°24	T 3
F 4	14 45 14	12°57'09	5♏46	29°23	14°57	29°18	16°57	25° 0	23°28	2°12	2°45	12°40	13°51	19°41	28°27	F 4
S 5	14 49 10	13°55'15	18°23	29°29	16°11	0♈ 3	17°11	25° 4	23°29	2°13	2°46	12°30	13°48	19°48	28°30	S 5
S 6	14 53 7	14°53'19	1♏17	29°R29	17°25	0°48	17°25	25° 8	23°30	2°14	2°47	12°20	13°45	19°55	28°32	S 6
M 7	14 57 3	15°51'22	14°27	29°25	18°39	1°33	17°39	25°12	23°31	2°15	2°48	12°10	13°42	20° 1	28°35	M 7
T 8	15 1 0	16°49'23	27°54	29°16	19°53	2°18	17°54	25°17	23°32	2°16	2°49	12° 2	13°39	20° 8	28°38	T 8
W 9	15 4 56	17°47'22	11♏33	29° 2	21° 7	3° 3	18° 8	25°21	23°33	2°16	2°51	11°56	13°36	20°15	28°40	W 9
T 10	15 8 53	18°45'20	25°22	28°44	22°21	3°48	18°22	25°25	23°34	2°17	2°52	11°53	13°32	20°21	28°43	T 10
F 11	15 12 50	19°43'17	9♈19	28°22	23°35	4°33	18°36	25°30	23°35	2°18	2°53	11°D52	13°29	20°28	28°45	F 11
S 12	15 16 46	20°41'12	23°22	27°57	24°49	5°17	18°51	25°35	23°36	2°19	2°54	11°52	13°26	20°35	28°48	S 12
S 13	15 20 43	21°39'06	7♏29	27°29	26° 3	6° 2	19° 5	25°39	23°37	2°20	2°55	11°53	13°23	20°41	28°50	S 13
M14	15 24 39	22°36'59	21°38	26°58	27°16	6°47	19°19	25°44	23°37	2°21	2°56	11°R54	13°20	20°48	28°53	M14
T 15	15 28 36	23°34'50	5♏48	26°25	28°30	7°31	19°33	25°49	23°38	2°22	2°57	11°53	13°16	20°55	28°55	T 15
W16	15 32 32	24°32'41	19°57	25°50	29°44	8°16	19°48	25°54	23°39	2°23	2°59	11°51	13°13	21° 1	28°58	W16
T 17	15 36 29	25°30'30	4♏ 4	25°15	0♏58	9° 0	20° 2	25°59	23°39	2°24	3° 0	11°46	13°10	21° 8	29° 0	T 17
F 18	15 40 25	26°28'18	18° 5	24°40	2°12	9°45	20°16	26° 4	23°40	2°25	3° 1	11°40	13° 7	21°15	29° 2	F 18
S 19	15 44 22	27°26'05	1♈56	24° 6	3°26	10°29	20°30	26° 9	23°41	2°26	3° 2	11°33	13° 4	21°21	29° 4	S 19
S 20	15 48 19	28°23'50	15°35	23°32	4°39	11°13	20°44	26°14	23°41	2°27	3° 3	11°26	13° 1	21°28	29° 6	S 20
M21	15 52 15	29°21'35	28°58	23° 0	5°53	11°57	20°59	26°20	23°41	2°29	3° 5	11°19	12°57	21°35	29° 9	M21
T 22	15 56 12	0♏19'18	12♏ 4	22°31	7° 7	12°42	21°13	26°25	23°42	2°30	3° 6	11°14	12°54	21°42	29°11	T 22
W23	16 0 8	1°17'00	24°51	22° 4	8°21	13°26	21°27	26°31	23°42	2°31	3° 7	11°11	12°51	21°48	29°13	W23
T 24	16 4 5	2°14'40	7♏21	21°40	9°35	14°10	21°41	26°36	23°42	2°32	3° 8	11°D10	12°48	21°55	29°15	T 24
F 25	16 8 1	3°12'19	19°36	21°19	10°48	14°54	21°55	26°42	23°43	2°34	3°10	11°10	12°45	22° 2	29°17	F 25
S 26	16 11 58	4° 9'56	1♏39	21° 2	12° 2	15°38	22° 9	26°47	23°43	2°35	3°11	11°12	12°42	22° 8	29°19	S 26
S 27	16 15 54	5° 7'32	13°33	20°49	13°16	16°22	22°23	26°53	23°43	2°36	3°12	11°13	12°38	22°15	29°21	S 27
M28	16 19 51	6° 5'07	25°23	20°40	14°30	17° 6	22°37	26°59	23°43	2°38	3°14	11°15	12°35	22°22	29°22	M28
T 29	16 23 48	7° 2'40	7♏15	20°36	15°43	17°49	22°51	27° 5	23°R43	2°39	3°15	11°R15	12°32	22°28	29°24	T 29
W30	16 27 44	8° 0'12	19°13	20°D36	16°57	18°33	23° 5	27°11	23°43	2°41	3°16	11°14	12°29	22°35	29°26	W30
T 31	16 31 41	8♏57'42	1♏22	20♈40	18♏11	19♏17	23♈19	27♏17	23♏43	2♏42	3♏18	11♏12	12♏26	22♏42	29♏28	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	14n50	8n15	3s41	22n23	2n37	14n29	0s46	9n54	0s34	15n53	0s52	21n31	0n20	14s23	0s42	19n29
W 2	15 8	3 20	4 20	22 23	2 31	14 53	0 44	10 10	0 34	15 57	0 52	21 30	0 20	14 23	0 42	19 29
T 3	15 26	1s47	4 47	22 20	2 24	15 18	0 42	10 27	0 33	16 1	0 51	21 29	0 20	14 23	0 42	19 29
F 4	15 44	6 55	5 2	22 15	2 17	15 41	0 40	10 44	0 32	16 5	0 51	21 29	0 20	14 22	0 42	19 28
S 5	16 1	11 52	5 3	22 7	2 8	16 5	0 38	11 0	0 32	16 9	0 51	21 28	0 20	14 22	0 42	19 28
S 6	16 19	16 25	4 48	21 58	1 57	16 28	0 36	11 16	0 31	16 13	0 51	21 27	0 21	14 22	0 42	19 28
M 7	16 36	20 17	4 18	21 46	1 46	16 50	0 34	11 32	0 31	16 17	0 51	21 27	0 21	14 21	0 42	19 28
T 8	16 52	23 10	3 33	21 32	1 34	17 13	0 32	11 49	0 30	16 21	0 51	21 26	0 21	14 21	0 42	19 28
W 9	17 9	24 44	2 35	21 15	1 20	17 34	0 29	12 4	0 29	16 25	0 51	21 25	0 21	14 21	0 43	19 28
T 10	17 25	24 50	1 27	20 57	1 6	17 56	0 27	12 20	0 29	16 29	0 51	21 24	0 21	14 20	0 43	19 27
F 11	17 40	23 21	0 14	20 38	0 50	18 17	0 25	12 36	0 28	16 33	0 51	21 24	0 21	14 20	0 43	19 27
S 12	17 56	20 25	1n 2	20 16	0 35	18 37	0 23	12 51	0 28	16 37	0 51	21 23	0 21	14 20	0 43	19 27
S 13	18 11	16 16	2 13	19 54	0 18	18 57	0 20	13 7	0 27	16 41	0 51	21 22	0 21	14 20	0 43	19 27
M14	18 26	11 11	3 17	19 30	0 1	19 16	0 18	13 22	0 26	16 45	0 51	21 21	0 21	14 19	0 43	19 27
T 15	18 41	5 31	4 9	19 6	0s17	19 35	0 16	13 37	0 26	16 49	0 51	21 20	0 21	14 19	0 43	19 26
W16	18 55	0n24	4 46	18 40	0 34	19 40	0 13	13 52	0 25	16 53	0 51	21 19	0 21	14 19	0 43	19 26
T 17	19 9	6 17	5 5	18 15	0 52	20 11	0 11	14 7	0 25	16 57	0 51	21 19	0 21	14 19	0 43	19 26
F 18	19 22	11 48	5 6	17 50	1 9	20 28	0 8	14 22	0 24	17 1	0 50	21 18	0 21	14 19	0 43	19 26
S 19	19 36	16 40	4 49	17 25	1 26	20 45	0 6	14 36	0 23	17 4	0 50	21 17	0 21	14 19	0 43	19 26
S 20	19 49	20 35	4 16	17 1	1 43	21 1	0 4	14 51	0 23	17 8	0 50	21 16	0 21	14 18	0 43	19 25
M21	20 1	23 20	3 29	16 37	1 59	21 17	0 1	15 5	0 22	17 12	0 50	21 15	0 21	14 18	0 43	19 25
T 22	20 14	24 45	2 31	16 15	2 14	21 32	0n 1	15 19	0 21	17 16	0 50	21 14	0 21	14 18	0 43	19 25
W23	20 26	24 48	1 28	15 54	2 28	21 46	0 4	15 33	0 21	17 19	0 50	21 13	0 22	14 18	0 43	19 25
T 24	20 37	23 35	0 21	15 35	2 42	22 0	0 6	15 47	0 20	17 23	0 50	21 12	0 22	14 18	0 43	19 24
F 25	20 48	21 16	0s46	15 18	2 54	22 13	0 8	16 0	0 20	17 27	0 50	21 11	0 22	14 18	0 43	19 24
S 26	20 59	18 2	1 49	15 3	3 5	22 25	0 11	16 14	0 19	17 30	0 50	21 10	0 22	14 18	0 43	19 24
S 27	21 10	14 5	2 47	14 49	3 15	22 37	0 13	16 27	0 18	17 34	0 50	21 9	0 22	14 18	0 43	19 23
M28	21 20	9 38	3 38	14 39	3 24	22 48	0 16	16 40	0 18	17 38	0 50	21 8	0 22	14 18	0 43	19 23
T 29	21 30	4 50	4 19	14 30	3 32	22 59	0 18	16 53	0 17	17 41	0 50	21 7	0 22	14 18	0 43	19 23
W30	21 39	0s11	4 50	14 23	3 39	23 9	0 20	17 6	0 16	17 45	0 50	21 6	0 22	14 18	0 43	19 23
T 31	21n48	5s15	5s 8	14n19	3s45	23n18	0n23	17n18	0s16	17n48	0s50	21n 4	0n22	14s18	0s43	19n22

Julian Day Number = 2421349.5, Delta T = 19.71 sec  
 Ecliptic obliquity = 23°27'03, Nutation = 0°00'16, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°35'08, Lahiri = 22°42'09



# ASTRODIENST EPHEMERIS for the year 1917

## geocentric

JUNE 1917

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 35 37	9II55'12	13♂45	20♂49	19II24	20♂ 0	23♂33	27♂23	23°R43	2♂43	3♂19	11°R 9	12♂22	22♂48	29♂29	F 1
S 2	16 39 34	10°52'39	26°28	21° 3	20°38	20°44	23°47	27°29	23°43	2°45	3°20	11° 5	12°19	22°55	29°31	S 2
S 3	16 43 30	11°50'06	9♂31	21°21	21°52	21°28	24° 1	27°35	23°43	2°46	3°22	11° 0	12°16	23° 2	29°32	S 3
M 4	16 47 27	12°47'32	22°55	21°43	23° 5	22°11	24°15	27°41	23°42	2°48	3°23	10°56	12°13	23° 8	29°34	M 4
T 5	16 51 23	13°44'57	6♂39	22° 9	24°19	22°54	24°28	27°47	23°42	2°50	3°25	10°52	12°10	23°15	29°35	T 5
W 6	16 55 20	14°42'20	20°40	22°40	25°32	23°38	24°42	27°54	23°42	2°51	3°26	10°50	12° 7	23°22	29°37	W 6
T 7	16 59 17	15°39'43	4♂55	23°15	26°46	24°21	24°56	28° 0	23°41	2°53	3°27	10°D49	12° 3	23°28	29°38	T 7
F 8	17 3 13	16°37'05	19°18	23°54	28° 0	25° 4	25°10	28° 7	23°41	2°54	3°29	10°49	12° 0	23°35	29°40	F 8
S 9	17 7 10	17°34'27	3♂46	24°38	29°13	25°47	25°23	28°13	23°40	2°56	3°30	10°50	11°57	23°42	29°41	S 9
S 10	17 11 6	18°31'48	18°12	25°25	0♂27	26°31	25°37	28°20	23°40	2°58	3°32	10°51	11°54	23°48	29°42	S 10
M 11	17 15 3	19°29'08	2♂34	26°16	1°40	27°14	25°51	28°26	23°39	3° 0	3°33	10°52	11°51	23°55	29°43	M 11
T 12	17 18 59	20°26'28	16°48	27°10	2°54	27°57	26° 4	28°33	23°39	3° 1	3°34	10°R53	11°48	24° 2	29°44	T 12
W 13	17 22 56	21°23'47	0♂52	28° 9	4° 7	28°40	26°18	28°39	23°38	3° 3	3°36	10°53	11°44	24° 8	29°45	W 13
T 14	17 26 52	22°21'07	14°45	29°11	5°21	29°23	26°31	28°46	23°37	3° 5	3°37	10°52	11°41	24°15	29°47	T 14
F 15	17 30 49	23°18'25	28°25	0II16	6°35	0II 5	26°45	28°53	23°36	3° 7	3°39	10°50	11°38	24°22	29°47	F 15
S 16	17 34 46	24°15'44	11♂52	1°25	7°48	0°48	26°58	29° 0	23°36	3° 8	3°40	10°48	11°35	24°28	29°48	S 16
S 17	17 38 42	25°13'02	25° 5	2°37	9° 2	1°31	27°11	29° 7	23°35	3°10	3°42	10°46	11°32	24°35	29°49	S 17
M 18	17 42 39	26°10'20	8II 4	3°53	10°15	2°14	27°25	29°14	23°34	3°12	3°43	10°44	11°28	24°42	29°50	M 18
T 19	17 46 35	27° 7'37	20°49	5°12	11°29	2°56	27°38	29°21	23°33	3°14	3°45	10°42	11°25	24°49	29°51	T 19
W 20	17 50 32	28° 4'54	3♂20	6°35	12°42	3°39	27°51	29°28	23°32	3°16	3°46	10°42	11°22	24°55	29°52	W 20
T 21	17 54 28	29° 2'10	15°39	8° 0	13°56	4°21	28° 4	29°35	23°31	3°18	3°48	10°D42	11°19	25° 2	29°52	T 21
F 22	17 58 25	29°59'26	27°46	9°29	15° 9	5° 4	28°17	29°42	23°30	3°20	3°49	10°42	11°16	25° 9	29°53	F 22
S 23	18 2 21	0♂56'41	9♂45	11° 2	16°23	5°46	28°30	29°49	23°29	3°22	3°51	10°43	11°13	25°15	29°53	S 23
S 24	18 6 18	1°53'56	21°37	12°37	17°36	6°29	28°43	29°56	23°27	3°23	3°52	10°44	11° 9	25°22	29°54	S 24
M 25	18 10 15	2°51'10	3♂27	14°15	18°49	7°11	28°56	0♂ 3	23°26	3°25	3°53	10°45	11° 6	25°29	29°54	M 25
T 26	18 14 11	3°48'24	15°19	15°57	20° 3	7°53	29° 9	0°10	23°25	3°27	3°55	10°45	11° 3	25°35	29°55	T 26
W 27	18 18 8	4°45'37	27°16	17°41	21°16	8°35	29°22	0°17	23°24	3°29	3°56	10°46	11° 0	25°42	29°55	W 27
T 28	18 22 4	5°42'50	9♂24	19°29	22°30	9°17	29°35	0°25	23°22	3°31	3°58	10°R46	10°57	25°49	29°55	T 28
F 29	18 26 1	6°40'02	21°47	21°19	23°43	9°59	29°47	0°32	23°21	3°33	3°59	10°45	10°54	25°55	29°56	F 29
S 30	18 29 57	7♂37'13	4♂28	23II12	24♂56	10II41	0II 0	0♂39	23°20	3♂35	4♂ 1	10♂45	10♂50	26♂ 2	29♂56	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
F 1	21n57	10s13	5s12	14n17	3s49	23n27	0n25	17n31	0s15	17n52	0s50	21n 3	0n22	14s18	0s43	19n22	0s12	18n50	4s34	22s59	22s52	10n46	3n 6	3n36			
S 2	22 5	14 54	5 1	14 17	3 52	23 35	0 27	17 43	0 14	17 55	0 50	21 2	0 22	14 18	0 43	19 22	0 12	18 50	4 34	22 59	22 53	10 43	3 7	3 37			
S 3	22 13	19 0	4 35	14 20	3 55	23 42	0 30	17 55	0 14	17 59	0 50	21 1	0 22	14 18	0 44	19 21	0 12	18 50	4 34	23 0	22 53	10 40	3 8	3 37			
M 4	22 21	22 16	3 53	14 24	3 56	23 48	0 32	18 7	0 13	18 2	0 50	21 0	0 22	14 19	0 44	19 21	0 12	18 51	4 34	23 0	22 53	10 37	3 9	3 37			
T 5	22 28	24 20	2 57	14 31	3 56	23 54	0 34	18 18	0 12	18 6	0 50	20 59	0 22	14 19	0 44	19 21	0 12	18 51	4 34	23 0	22 54	10 34	3 9	3 37			
W 6	22 34	24 55	1 48	14 39	3 55	23 59	0 37	18 30	0 12	18 9	0 50	20 57	0 22	14 19	0 44	19 20	0 12	18 51	4 34	23 0	22 54	10 32	3 10	3 37			
T 7	22 41	23 54	0 32	14 49	3 54	24 4	0 39	18 41	0 11	18 12	0 50	20 56	0 22	14 19	0 44	19 20	0 12	18 51	4 34	23 1	22 54	10 29	3 11	3 37			
F 8	22 47	21 17	0n47	15 1	3 51	24 7	0 41	18 52	0 10	18 16	0 50	20 55	0 23	14 19	0 44	19 19	0 12	18 51	4 34	23 1	22 54	10 26	3 11	3 37			
S 9	22 52	17 20	2 3	15 15	3 48	24 10	0 43	19 3	0 10	18 19	0 50	20 54	0 23	14 19	0 44	19 19	0 12	18 51	4 34	23 1	22 55	10 23	3 12	3 37			
S 10	22 57	12 20	3 12	15 30	3 44	24 12	0 46	19 14	0 9	18 22	0 50	20 53	0 23	14 20	0 44	19 19	0 12	18 51	4 33	23 0	22 55	10 20	3 12	3 38			
M 11	23 2	6 43	4 8	15 47	3 39	24 14	0 48	19 25	0 8	18 25	0 50	20 51	0 23	14 20	0 44	19 18	0 12	18 51	4 33	23 0	22 55	10 18	3 13	3 38			
T 12	23 6	0 47	4 48	16 5	3 33	24 15	0 50	19 35	0 8	18 29	0 50	20 50	0 23	14 20	0 44	19 18	0 12	18 51	4 33	23 0	22 56	10 15	3 14	3 38			
W 13	23 10	5n 6	5 11	16 24	3 27	24 15	0 52	19 45	0 7	18 32	0 50	20 49	0 23	14 20	0 44	19 18	0 12	18 51	4 33	23 0	22 56	10 12	3 14	3 38			
T 14	23 14	10 39	5 15	16 44	3 20	24 14	0 54	19 55	0 6	18 35	0 50	20 47	0 23	14 21	0 44	19 17	0 12	18 51	4 33	23 0	22 56	10 9	3 15	3 38			
F 15	23 17	15 36	5 1	17 5	3 12	24 13	0 56	20 5	0 6	18 38	0 50	20 46	0 23	14 21	0 44	19 17	0 12	18 51	4 33	23 0	22 56	10 6	3 15	3 38			
S 16	23 20	19 41	4 30	17 27	3 4	24 11	0 58	20 15	0 5	18 41	0 50	20 45	0 23	14 21	0 44	19 16	0 12	18 51	4 33	23 1	22 57	10 4	3 16	3 38			
S 17	23 22	22 42	3 46	17 50	2 55	24 8	1 0	20 24	0 4	18 44	0 50	20 43	0 23	14 22	0 44	19 16	0 12	18 51	4 33	23 1	22 57	10 1	3 16	3 39			
M 18	23 24	24 28	2 51	18 13	2 46	24 5	1 2	20 33	0 4	18 47	0 50	20 42	0 23	14 22	0 44	19 16	0 12	18 51	4 33	23 1	22 57	9 58	3 17	3 39			
T 19	23 25	24 55	1 48	18 37	2 36	24 1	1 4	20 42	0 3	18 50	0 50	20 41	0 23	14 22	0 44	19 15	0 12	18 51	4 33	23 1	22 58	9 55	3 17	3 39			
W 20	23 26	24 5	0 41	19 1	2 26	23 56	1 5	20 51	0 2	18 53	0 50	20 39	0 23	14 23	0 44	19 15	0 12	18 51	4 33	23 1	22 58	9 52	3 18	3 39			
T 21	23 27	22 5	0s27	19 25	2 16	23 50	1 7	21 0	0 2	18 56	0 50	20 38	0 23	14 23	0 44	19 14	0 12	18 51	4 33	23 1	22 58	9 50	3 18	3 39			
F 22	23 27	19 6	1 33	19 49	2 5	23 44	1 9	21 8	0 1	18 59	0 50	20 36	0 23	14 23	0 44	19 14	0 12	18 51	4 33	23 1	22 58	9 47	3 18	3 39			
S 23	23 27	15 20	2 34	20 14	1 54	23 37	1 11	21 16	0 0	19 2	0 50	20 35	0 24	14 24	0 44	19 13	0 12	18 51	4 33	23 1	22 59	9 44	3 19	3 39			
S 24	23 26	11 1	3 28	20 38	1 42	23 29	1 12	21 24	0n 0	19 5	0 50	20 33	0 24	14 24	0 44	19 13	0 12	18 51	4 33	23 1	22 59	9 41	3 19	3 40			
M 25	23 25	6 19	4 13	21 1	1 31	23 21	1 14	21 32	0 1	19 8	0 50	20 32	0 24	14 25	0 44	19 13	0 12	18 51	4 32	23 1	22 59	9 38	3 19	3 40			
T 26	23 24	1 23	4 47	21 24	1 19	23 12	1 15	21 40	0 2	19 10	0 50	20 31	0 24	14 25	0 44	19 12	0 12	18 51	4 32	23 1	22 59	9 35	3 20	3 40			
W 27	23 22	3s38	5 9	21 46	1 7	23 2	1 17	21 47	0 2	19 13	0 50	20 29	0 24	14 26	0 44	19 12	0 12	18 51	4 32	23 1	23 0	9 33	3 20	3 40			
T 28	23 20	8 35	5 17	22 7	0 55	22 52	1 18	21 54	0 3	19 16	0 50	20 28	0 24	14 26	0 44	19 11	0 12	18 51	4 32	23 1	23 0	9 30	3 20	3 40			
F 29	23 17	13 18	5 11	22 27	0 43	22 41	1 20	22 1	0 4	19 18	0 50	20 26	0 24	14 26	0 44	19 11	0 12	18 51	4 32	23 1	23 0	9 27	3 20	3 40			
S 30	23n14	17s34	4s51	22n45	0s31	22n29	1n21	22n 8	0n 5	19n21	0s50	20n25	0n24	14s27	0s44	19n10	0s12	18n51	4s32	23s 1	23s 0	9n24	3n20	3n40			

# ASTRODIENST EPHEMERIS for the year 1917

## geocentric

JULY 1917

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 33 54	8♂34'25	17♂32	25♂ 8	26♂10	11♂23	0♂13	0♂47	23°R18	3♂37	4♂ 2	10°R45	10♂47	26♂ 9	29♂56	S 1
M 2	18 37 50	9°31'36	1♂ 0	27° 6	27°23	12° 5	0°25	0°54	23♂17	3°40	4° 4	10♂45	10°44	26°15	29°56	M 2
T 3	18 41 47	10°28'47	14°53	29° 7	28°36	12°47	0°38	1° 2	23°15	3°42	4° 5	10°D45	10°41	26°22	29°R56	T 3
W 4	18 45 44	11°25'58	29° 9	1♂ 9	29°50	13°29	0°50	1° 9	23°14	3°44	4° 7	10°45	10°38	26°29	29°56	W 4
T 5	18 49 40	12°23'09	13♂43	3°14	1♂ 3	14°10	1° 2	1°16	23°12	3°46	4° 8	10°R45	10°34	26°36	29°56	T 5
F 6	18 53 37	13°20'19	28°30	5°20	2°16	14°52	1°15	1°24	23°10	3°48	4°10	10°45	10°31	26°42	29°56	F 6
S 7	18 57 33	14°17'30	13♂23	7°27	3°30	15°34	1°27	1°31	23° 9	3°50	4°11	10°44	10°28	26°49	29°56	S 7
S 8	19 1 30	15°14'41	28°14	9°36	4°43	16°15	1°39	1°39	23° 7	3°52	4°13	10°44	10°25	26°56	29°56	S 8
M 9	19 5 26	16°11'52	12♂55	11°45	5°56	16°57	1°51	1°47	23° 5	3°54	4°14	10°43	10°22	27° 2	29°55	M 9
T 10	19 9 23	17° 9'04	27°22	13°54	7° 9	17°38	2° 3	1°54	23° 3	3°56	4°15	10°43	10°19	27° 9	29°55	T 10
W11	19 13 20	18° 6'16	11♂31	16° 4	8°23	18°19	2°15	2° 2	23° 2	3°59	4°17	10°43	10°15	27°16	29°55	W11
T 12	19 17 16	19° 3'29	25°21	18°13	9°36	19° 1	2°26	2° 9	23° 0	4° 1	4°18	10°D43	10°12	27°22	29°54	T 12
F 13	19 21 13	20° 0'42	8♂50	20°22	10°49	19°42	2°38	2°17	22°58	4° 3	4°20	10°43	10° 9	27°29	29°54	F 13
S 14	19 25 9	20°57'56	22° 1	22°31	12° 2	20°23	2°50	2°25	22°56	4° 5	4°21	10°44	10° 6	27°36	29°53	S 14
S 15	19 29 6	21°55'11	4♂55	24°38	13°16	21° 4	3° 1	2°32	22°54	4° 7	4°23	10°45	10° 3	27°42	29°53	S 15
M16	19 33 2	22°52'26	17°34	26°45	14°29	21°45	3°13	2°40	22°52	4° 9	4°24	10°46	10° 0	27°49	29°52	M16
T 17	19 36 59	23°49'42	0♂ 0	28°50	15°42	22°26	3°24	2°48	22°50	4°12	4°25	10°46	9°56	27°56	29°51	T 17
W18	19 40 55	24°46'58	12°15	0♂54	16°55	23° 7	3°35	2°55	22°48	4°14	4°27	10°R47	9°53	28° 2	29°51	W18
T 19	19 44 52	25°44'15	24°21	2°57	18° 8	23°48	3°47	3° 3	22°46	4°16	4°28	10°46	9°50	28° 9	29°50	T 19
F 20	19 48 49	26°41'32	6♂20	4°58	19°21	24°29	3°58	3°11	22°44	4°18	4°30	10°45	9°47	28°16	29°49	F 20
S 21	19 52 45	27°38'49	18°14	6°58	20°34	25°10	4° 9	3°18	22°42	4°20	4°31	10°43	9°44	28°23	29°48	S 21
S 22	19 56 42	28°36'07	0♂ 4	8°56	21°48	25°50	4°20	3°26	22°40	4°23	4°32	10°40	9°40	28°29	29°47	S 22
M23	20 0 38	29°33'25	11°54	10°52	23° 1	26°31	4°30	3°34	22°38	4°25	4°34	10°37	9°37	28°36	29°46	M23
T 24	20 4 35	0♂30'44	23°46	12°46	24°14	27°12	4°41	3°42	22°36	4°27	4°35	10°35	9°34	28°43	29°45	T 24
W25	20 8 31	1°28'03	5♂43	14°39	25°27	27°52	4°52	3°49	22°34	4°29	4°36	10°32	9°31	28°49	29°44	W25
T 26	20 12 28	2°25'23	17°50	16°30	26°40	28°33	5° 2	3°57	22°31	4°32	4°38	10°30	9°28	28°56	29°43	T 26
F 27	20 16 24	3°22'43	0♂10	18°20	27°53	29°13	5°13	4° 5	22°29	4°34	4°39	10°D30	9°25	29° 3	29°42	F 27
S 28	20 20 21	4°20'04	12°48	20° 8	29° 6	29°53	5°23	4°13	22°27	4°36	4°40	10°30	9°21	29° 9	29°40	S 28
S 29	20 24 18	5°17'25	25°47	21°54	0♂19	0♂34	5°33	4°20	22°25	4°38	4°42	10°31	9°18	29°16	29°39	S 29
M30	20 28 14	6°14'46	9♂11	23°38	1°32	1°14	5°43	4°28	22°22	4°40	4°43	10°32	9°15	29°23	29°38	M30
T 31	20 32 11	7♂12'09	23♂ 2	25♂20	2♂45	1♂54	5♂53	4♂36	22♂20	4♂43	4♂44	10♂34	9♂12	29♂29	29♂36	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23n10	21s 8	4s14	23n 2	0s19	22n16	1n22	22n15	0n 5	19n24	0s50	20n23	0n24	14s27	0s44	S 1
M 2	23 6	23 41	3 23	23 17	0 8	22 3	1 24	22 21	0 6	19 26	0 50	20 22	0 24	14 28	0 45	M 2
T 3	23 2	24 53	2 19	23 31	0n 4	21 50	1 25	22 27	0 7	19 29	0 50	20 20	0 24	14 29	0 45	T 3
W 4	22 57	24 31	1 4	23 42	0 15	21 36	1 26	22 33	0 7	19 32	0 50	20 18	0 24	14 29	0 45	W 4
T 5	22 52	22 28	0n17	23 50	0 25	21 21	1 27	22 39	0 8	19 34	0 50	20 17	0 24	14 30	0 45	T 5
F 6	22 47	18 53	1 37	23 56	0 36	21 5	1 28	22 44	0 9	19 37	0 50	20 15	0 24	14 30	0 45	F 6
S 7	22 41	14 4	2 51	24 0	0 45	20 49	1 29	22 49	0 9	19 39	0 50	20 14	0 24	14 31	0 45	S 7
S 8	22 35	8 26	3 54	24 1	0 55	20 33	1 30	22 54	0 10	19 41	0 50	20 12	0 25	14 31	0 45	S 8
M 9	22 28	2 23	4 41	23 59	1 3	20 15	1 30	22 59	0 11	19 44	0 50	20 10	0 25	14 32	0 45	M 9
T 10	22 21	3n40	5 9	23 54	1 11	19 58	1 31	23 4	0 11	19 46	0 50	20 9	0 25	14 33	0 45	T 10
W11	22 14	9 25	5 17	23 46	1 18	19 39	1 32	23 8	0 12	19 48	0 50	20 7	0 25	14 33	0 45	W11
T 12	22 6	14 34	5 7	23 36	1 24	19 20	1 32	23 13	0 13	19 51	0 50	20 6	0 25	14 34	0 45	T 12
F 13	21 57	18 52	4 40	23 23	1 30	19 1	1 33	23 17	0 14	19 53	0 50	20 4	0 25	14 34	0 45	F 13
S 14	21 49	22 7	3 58	23 8	1 35	18 41	1 33	23 20	0 14	19 55	0 50	20 2	0 25	14 35	0 45	S 14
S 15	21 40	24 10	3 6	22 50	1 39	18 21	1 34	23 24	0 15	19 57	0 50	20 1	0 25	14 36	0 45	S 15
M16	21 31	24 57	2 5	22 29	1 42	18 0	1 34	23 27	0 16	20 0	0 50	19 59	0 25	14 36	0 45	M16
T 17	21 21	24 26	0 59	22 7	1 45	17 38	1 34	23 30	0 16	20 2	0 50	19 57	0 25	14 37	0 45	T 17
W18	21 11	22 45	0s 8	21 42	1 47	17 16	1 34	23 33	0 17	20 4	0 50	19 56	0 25	14 38	0 45	W18
T 19	21 0	20 2	1 14	21 16	1 48	16 54	1 34	23 36	0 18	20 6	0 50	19 54	0 25	14 38	0 45	T 19
F 20	20 50	16 29	2 17	20 47	1 49	16 31	1 34	23 39	0 18	20 8	0 50	19 52	0 25	14 39	0 45	F 20
S 21	20 38	12 19	3 12	20 17	1 48	16 8	1 34	23 41	0 19	20 10	0 50	19 50	0 26	14 40	0 45	S 21
S 22	20 27	7 43	4 0	19 46	1 47	15 44	1 34	23 43	0 20	20 12	0 50	19 49	0 26	14 41	0 45	S 22
M23	20 15	2 50	4 36	19 13	1 46	15 20	1 34	23 45	0 21	20 14	0 50	19 47	0 26	14 41	0 45	M23
T 24	20 3	2s 8	5 1	18 39	1 44	14 56	1 34	23 47	0 21	20 16	0 50	19 45	0 26	14 42	0 45	T 24
W25	19 51	7 4	5 14	18 3	1 41	14 31	1 34	23 48	0 22	20 18	0 50	19 43	0 26	14 43	0 45	W25
T 26	19 38	11 48	5 12	17 27	1 38	14 5	1 33	23 49	0 23	20 20	0 50	19 42	0 26	14 43	0 45	T 26
F 27	19 25	16 9	4 56	16 50	1 34	13 40	1 33	23 50	0 23	20 21	0 50	19 40	0 26	14 44	0 45	F 27
S 28	19 11	19 55	4 26	16 12	1 30	13 14	1 32	23 51	0 24	20 23	0 50	19 38	0 26	14 45	0 45	S 28
S 29	18 57	22 48	3 42	15 34	1 25	12 48	1 31	23 52	0 25	20 25	0 50	19 36	0 26	14 46	0 45	S 29
M30	18 43	24 32	2 44	14 55	1 20	12 21	1 31	23 52	0 26	20 27	0 50	19 35	0 26	14 46	0 45	M30
T 31	18n29	24s51	1s35	14n15	1n15	11n54	1n30	23n52	0n26	20n28	0s50	19n33	0n26	14s47	0s45	T 31

Julian Day Number = 2421410.5, Delta T = 19.85 sec  
 Ecliptic obliquity = 23°27'01, Nutation = 0°00'17, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°35'17, Lahiri = 22°42'17



ASTRODIENST EPHEMERIS for the year 1917  
geocentric

AUGUST 1917

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	20 36 7	8♌ 9'32	7♊19	27♌ 1	3♎57	2♊34	6♈ 3	4♌44	22°R18	4♌45	4♊45	10°R34	9♊ 9	29♌36	29°R35	W 1
T 2	20 40 4	9° 6'55	22° 1	28°41	5°10	3°14	6°13	4°51	22°16	4°47	4°47	10°34	9° 6	29°43	29°34	T 2
F 3	20 44 0	10° 4'20	7♋ 1	0♎18	6°23	3°54	6°23	4°59	22°13	4°49	4°48	10°32	9° 2	29°50	29°32	F 3
S 4	20 47 57	11° 1'45	22°11	1°54	7°36	4°34	6°32	5° 7	22°11	4°52	4°49	10°29	8°59	29°56	29°31	S 4
S 5	20 51 53	11°59'11	7♋22	3°28	8°49	5°14	6°42	5°15	22° 9	4°54	4°50	10°25	8°56	0♎ 3	29°29	S 5
M 6	20 55 50	12°56'38	22°24	5° 1	10° 2	5°54	6°51	5°22	22° 6	4°56	4°52	10°21	8°53	0°10	29°27	M 6
T 7	20 59 47	13°54'07	7♎ 8	6°32	11°14	6°33	7° 0	5°30	22° 4	4°58	4°53	10°17	8°50	0°16	29°26	T 7
W 8	21 3 43	14°51'37	21°29	8° 1	12°27	7°13	7° 9	5°38	22° 2	5° 0	4°54	10°13	8°46	0°23	29°24	W 8
T 9	21 7 40	15°49'08	5♊24	9°28	13°40	7°53	7°18	5°45	21°59	5° 3	4°55	10°11	8°43	0°30	29°22	T 9
F 10	21 11 36	16°46'40	18°52	10°54	14°52	8°32	7°27	5°53	21°57	5° 5	4°56	10°D11	8°40	0°36	29°20	F 10
S 11	21 15 33	17°44'15	1♈56	12°18	16° 5	9°12	7°36	6° 1	21°54	5° 7	4°57	10°12	8°37	0°43	29°19	S 11
S 12	21 19 29	18°41'50	14°40	13°41	17°18	9°51	7°44	6° 8	21°52	5° 9	4°59	10°13	8°34	0°50	29°17	S 12
M13	21 23 26	19°39'27	27° 6	15° 1	18°30	10°31	7°53	6°16	21°50	5°11	5° 0	10°15	8°31	0°56	29°15	M13
T 14	21 27 22	20°37'06	9♊19	16°20	19°43	11°10	8° 1	6°24	21°47	5°13	5° 1	10°R15	8°27	1° 3	29°13	T 14
W15	21 31 19	21°34'46	21°22	17°37	20°56	11°49	8° 9	6°31	21°45	5°16	5° 2	10°15	8°24	1°10	29°11	W15
T 16	21 35 16	22°32'27	3♌19	18°52	22° 8	12°29	8°17	6°39	21°42	5°18	5° 3	10°12	8°21	1°17	29° 9	T 16
F 17	21 39 12	23°30'09	15°11	20° 4	23°21	13° 8	8°25	6°46	21°40	5°20	5° 4	10° 8	8°18	1°23	29° 7	F 17
S 18	21 43 9	24°27'53	27° 2	21°15	24°33	13°47	8°33	6°54	21°38	5°22	5° 5	10° 1	8°15	1°30	29° 5	S 18
S 19	21 47 5	25°25'38	8♎52	22°24	25°46	14°26	8°41	7° 1	21°35	5°24	5° 6	9°53	8°11	1°37	29° 2	S 19
M20	21 51 2	26°23'25	20°43	23°30	26°58	15° 5	8°48	7° 9	21°33	5°26	5° 7	9°44	8° 8	1°43	29° 0	M20
T 21	21 54 58	27°21'13	2♊39	24°34	28°10	15°44	8°56	7°16	21°30	5°28	5° 8	9°36	8° 5	1°50	28°58	T 21
W22	21 58 55	28°19'02	14°39	25°36	29°23	16°23	9° 3	7°24	21°28	5°30	5° 9	9°28	8° 2	1°57	28°56	W22
T 23	22 2 51	29°16'52	26°48	26°35	0♊35	17° 1	9°10	7°31	21°26	5°33	5°10	9°21	7°59	2° 3	28°54	T 23
F 24	22 6 48	0♎14'43	9♎ 8	27°31	1°48	17°40	9°17	7°38	21°23	5°35	5°11	9°17	7°56	2°10	28°51	F 24
S 25	22 10 45	1°12'36	21°44	28°25	3° 0	18°19	9°23	7°46	21°21	5°37	5°12	9°15	7°52	2°17	28°49	S 25
S 26	22 14 41	2°10'30	4♊38	29°15	4°12	18°57	9°30	7°53	21°19	5°39	5°13	9°D14	7°49	2°23	28°47	S 26
M27	22 18 38	3° 8'26	17°54	0♊ 2	5°24	19°36	9°36	8° 0	21°16	5°41	5°14	9°15	7°46	2°30	28°44	M27
T 28	22 22 34	4° 6'22	1♊36	0°46	6°37	20°14	9°43	8° 8	21°14	5°43	5°14	9°16	7°43	2°37	28°42	T 28
W29	22 26 31	5° 4'20	15°45	1°26	7°49	20°53	9°49	8°15	21°12	5°45	5°15	9°R16	7°40	2°44	28°39	W29
T 30	22 30 27	6° 2'20	0♋20	2° 2	9° 1	21°31	9°55	8°22	21° 9	5°47	5°16	9°14	7°37	2°50	28°37	T 30
F 31	22 34 24	7♎ 0'20	15°18	2♊34	10°13	22° 9	10♈ 1	8♌29	21°17	5♌49	5♊17	9°30	7°33	2°57	28°35	F 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	18n14	23s33	0s18	13n35	1n 9	11n27	1n29	23n52	0n27	20n30	0s50	19n31	0n27	14s48	0s45	18n54	0s11	18n50	4s32	23s 2	23s 8	7n54	3n16	3n44	
T 2	17 59	20 37	1n 2	12 55	1 2	10 59	1 28	23 52	0 28	20 32	0 50	19 29	0 27	14 49	0 45	18 54	0 11	18 50	4 32	23 2	23 8	7 51	3 15	3 44	
F 3	17 44	16 16	2 20	12 14	0 55	10 31	1 27	23 52	0 28	20 33	0 51	19 28	0 27	14 49	0 45	18 53	0 11	18 50	4 32	23 2	23 9	7 48	3 15	3 45	
S 4	17 28	10 50	3 28	11 33	0 48	10 3	1 26	23 51	0 29	20 35	0 51	19 26	0 27	14 50	0 45	18 53	0 11	18 50	4 32	23 2	23 9	7 45	3 14	3 45	
S 5	17 12	4 45	4 22	10 53	0 41	9 35	1 25	23 51	0 30	20 36	0 51	19 24	0 27	14 51	0 45	18 52	0 11	18 50	4 32	23 2	23 9	7 42	3 14	3 45	
M 6	16 56	1n32	4 57	10 12	0 33	9 6	1 24	23 50	0 31	20 38	0 51	19 22	0 27	14 52	0 45	18 52	0 11	18 50	4 32	23 3	23 9	7 39	3 13	3 45	
T 7	16 40	7 36	5 12	9 31	0 25	8 37	1 22	23 48	0 31	20 39	0 51	19 20	0 27	14 52	0 45	18 51	0 11	18 50	4 32	23 3	23 9	7 37	3 13	3 45	
W 8	16 23	13 6	5 6	8 50	0 17	8 8	1 21	23 47	0 32	20 41	0 51	19 19	0 27	14 53	0 45	18 51	0 11	18 50	4 32	23 3	23 10	7 34	3 12	3 45	
T 9	16 6	17 46	4 42	8 9	0 9	7 39	1 20	23 46	0 33	20 42	0 51	19 17	0 27	14 54	0 45	18 50	0 11	18 50	4 32	23 4	23 10	7 31	3 11	3 45	
F 10	15 49	21 21	4 4	7 29	0 0	7 10	1 18	23 44	0 33	20 44	0 51	19 15	0 27	14 55	0 45	18 50	0 11	18 50	4 32	23 4	23 10	7 28	3 11	3 45	
S 11	15 31	23 43	3 14	6 49	0s 9	6 40	1 16	23 42	0 34	20 45	0 51	19 13	0 27	14 56	0 45	18 49	0 11	18 50	4 32	23 4	23 10	7 25	3 10	3 45	
S 12	15 14	24 48	2 15	6 9	0 18	6 10	1 15	23 40	0 35	20 46	0 51	19 11	0 28	14 56	0 45	18 49	0 11	18 50	4 32	23 3	23 10	7 22	3 9	3 45	
M13	14 56	24 36	1 11	5 29	0 27	5 40	1 13	23 37	0 36	20 48	0 51	19 10	0 28	14 57	0 45	18 48	0 11	18 50	4 32	23 3	23 11	7 19	3 9	3 45	
T 14	14 38	23 12	0 5	4 50	0 36	5 10	1 11	23 35	0 36	20 49	0 51	19 8	0 28	14 58	0 45	18 47	0 11	18 50	4 32	23 3	23 11	7 17	3 8	3 45	
W15	14 19	20 46	1s 0	4 12	0 46	4 40	1 9	23 32	0 37	20 50	0 51	19 6	0 28	14 59	0 45	18 47	0 11	18 50	4 32	23 3	23 11	7 14	3 7	3 45	
T 16	14 0	17 27	2 2	3 33	0 56	4 9	1 8	23 29	0 38	20 51	0 51	19 4	0 28	14 59	0 45	18 46	0 11	18 50	4 32	23 3	23 11	7 11	3 7	3 46	
F 17	13 42	13 27	2 58	2 56	1 5	3 39	1 6	23 26	0 38	20 53	0 51	19 2	0 28	15 0	0 45	18 46	0 11	18 50	4 32	23 4	23 11	7 8	3 6	3 46	
S 18	13 22	8 58	3 46	2 19	1 15	3 8	1 3	23 23	0 39	20 54	0 51	19 1	0 28	15 1	0 45	18 45	0 11	18 50	4 32	23 4	23 12	7 5	3 5	3 46	
S 19	13 3	4 10	4 24	1 43	1 25	2 37	1 1	23 20	0 40	20 55	0 51	18 59	0 28	15 2	0 45	18 45	0 11	18 49	4 32	23 5	23 12	7 2	3 4	3 46	
M20	12 44	0s46	4 50	1 7	1 35	2 7	0 59	23 16	0 41	20 56	0 51	18 57	0 28	15 3	0 45	18 44	0 11	18 49	4 32	23 6	23 12	7 0	3 3	3 46	
T 21	12 24	5 43	5 5	0 33	1 45	1 36	0 57	23 12	0 41	20 57	0 52	18 55	0 28	15 3	0 45	18 44	0 11	18 49	4 32	23 6	23 12	6 57	3 3	3 46	
W22	12 4	10 28	5 6	0s 1	1 55	1 5	0 55	23 8	0 42	20 58	0 52	18 53	0 28	15 4	0 45	18 43	0 11	18 49	4 32	23 7	23 12	6 54	3 2	3 46	
T 23	11 44	14 53	4 53	0 33	2 5	0 34	0 52	23 4	0 43	20 59	0 52	18 52	0 29	15 5	0 45	18 43	0 11	18 49	4 32	23 7	23 13	6 51	3 1	3 46	
F 24	11 23	18 45	4 27	1 5	2 15	0 3	0 50	23 0	0 43	21 0	0 52	18 50	0 29	15 6	0 45	18 42	0 11	18 49	4 32	23 8	23 13	6 48	3 0	3 46	
S 25	11 3	21 51	3 47	1 35	2 25	0s28	0 47	22 56	0 44	21 1	0 52	18 48	0 29	15 6	0 45	18 42	0 11	18 49	4 32	23 8	23 13	6 45	2 59	3 46	
S 26	10 42	23 56	2 55	2 4	2 35	0 59	0 45	22 51	0 45	21 2	0 52	18 46	0 29	15 7	0 45	18 41	0 11	18 49	4 32	23 8	23 13	6 42	2 58	3 46	
M27	10 21	24 46	1 52	2 32	2 45	1 30	0 42	22 46	0 46	21 3	0 52	18 44	0 29	15 8	0 45	18 41	0 11	18 49	4 32	23 8	23 13	6 40	2 57	3 46	
T 28	10 0	24 7	0 41	2 58	2 54	2 1	0 39	22 41	0 46	21 4	0 52	18 43	0 29	15 9	0 45	18 40	0 11	18 49	4 32	23 8	23 14	6 37	2 56	3 46	
W29	9 39	21 57	0n35	3 23	3 4	2 32	0 37	22 36	0 47	21 4	0 52	18 41	0 29	15 9	0 45	18 40	0 11	18 49	4 32	23 8	23 14	6 34	2 55	3 46	
T 30	9 18	18 17	1 50	3 45	3 13	3 3	0 34	22 31	0 48	21 5	0 52	18 39	0 29	15 10	0 45	18 40	0 11	18 49	4 32	23 8	23 14	6 31	2 54	3 46	
F 31	8n57	13s23	3n 0	4s 6	3s21	3s34	0n31	22n26	0n49	21n 6	0s52	18n37	0n29	15s11	0s45	18n39	0s11	18n49	4s32	23s 8	23s14	6n28	2n53	3n46	

# ASTRODIENST EPHEMERIS for the year 1917

## geocentric

SEPTEMBER 1917

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 38 20	7 <sup>h</sup> 58'22"	0 <sup>h</sup> 31'	3 <sup>h</sup> 2'	11 <sup>h</sup> 25'	22 <sup>h</sup> 47'	10 <sup>h</sup> 11'	8 <sup>h</sup> 36'	21 <sup>h</sup> 5'	5 <sup>h</sup> 51'	5 <sup>h</sup> 18'	9 <sup>h</sup> 4'	7 <sup>h</sup> 30'	3 <sup>h</sup> 4'	28 <sup>h</sup> 32'	S 1
S 2	22 42 17	8°56'26"	15°50'	3°25'	12°37'	23°25'	10°12'	8°43'	21 <sup>h</sup> 33'	5°53'	5°18'	8 <sup>h</sup> 56'	7°27'	3°10'	28 <sup>h</sup> 29'	S 2
M 3	22 46 14	9°54'31"	1 <sup>h</sup> 3'	3°43'	13°49'	24°3'	10°17'	8°50'	21°0'	5°55'	5°19'	8°46'	7°24'	3°17'	28°27'	M 3
T 4	22 50 10	10°52'39"	16°0'	3°56'	15°1'	24°41'	10°22'	8°57'	20°58'	5°56'	5°20'	8°38'	7°21'	3°24'	28°24'	T 4
W 5	22 54 7	11°50'48"	0 <sup>h</sup> 32'	4°3'	16°13'	25°19'	10°27'	9°4'	20°56'	5°58'	5°21'	8°30'	7°17'	3°30'	28°22'	W 5
T 6	22 58 3	12°48'59"	14°36'	4°R 4	17°25'	25°57'	10°32'	9°11'	20°54'	6°0'	5°21'	8°25'	7°14'	3°37'	28°19'	T 6
F 7	23 2 0	13°47'12"	28°10'	4°0'	18°36'	26°35'	10°36'	9°18'	20°52'	6°2'	5°22'	8°22'	7°11'	3°44'	28°17'	F 7
S 8	23 5 56	14°45'28"	11 <sup>h</sup> 16'	3°49'	19°48'	27°13'	10°41'	9°25'	20°50'	6°4'	5°23'	8°D21	7°8'	3°51'	28°14'	S 8
S 9	23 9 53	15°43'45"	23°57'	3°31'	21°0'	27°50'	10°45'	9°32'	20°47'	6°6'	5°23'	8°21'	7°5'	3°57'	28°11'	S 9
M10	23 13 49	16°42'04"	6 <sup>h</sup> 59'	3°7'	22°12'	28°28'	10°49'	9°39'	20°45'	6°8'	5°24'	8°R21	7°2'	4°4'	28°9'	M10
T 11	23 17 46	17°40'26"	18°26'	2°36'	23°23'	29°6'	10°53'	9°45'	20°43'	6°9'	5°24'	8°21'	6°58'	4°11'	28°6'	T 11
W12	23 21 43	18°38'50"	0 <sup>h</sup> 23'	1°59'	24°35'	29°43'	10°57'	9°52'	20°41'	6°11'	5°25'	8°18'	6°55'	4°17'	28°3'	W12
T 13	23 25 39	19°37'15"	12°15'	1°16'	25°47'	0 <sup>h</sup> 20'	11°0'	9°58'	20°39'	6°13'	5°26'	8°14'	6°52'	4°24'	28°1'	T 13
F 14	23 29 36	20°35'43"	24°4'	0°27'	26°58'	0°58'	11°4'	10°5'	20°37'	6°15'	5°26'	8°6'	6°49'	4°31'	27°58'	F 14
S 15	23 33 32	21°34'12"	5 <sup>h</sup> 54'	29 <sup>h</sup> 33'	28°10'	1°35'	11°7'	10°11'	20°35'	6°16'	5°27'	7°56'	6°46'	4°37'	27°55'	S 15
S 16	23 37 29	22°32'44"	17°47'	28°35'	29°21'	2°12'	11°10'	10°18'	20°33'	6°18'	5°27'	7°44'	6°43'	4°44'	27°53'	S 16
M17	23 41 25	23°31'17"	29°44'	27°33'	0 <sup>h</sup> 33'	2°49'	11°13'	10°24'	20°32'	6°20'	5°28'	7°30'	6°39'	4°51'	27°50'	M17
T 18	23 45 22	24°29'52"	11 <sup>h</sup> 46'	26°30'	1°44'	3°26'	11°15'	10°31'	20°30'	6°21'	5°28'	7°16'	6°36'	4°58'	27°47'	T 18
W19	23 49 18	25°28'29"	23°55'	25°26'	2°56'	4°3'	11°18'	10°37'	20°28'	6°23'	5°28'	7°4'	6°33'	5°4'	27°44'	W19
T 20	23 53 15	26°27'08"	6 <sup>h</sup> 12'	24°23'	4°7'	4°40'	11°20'	10°43'	20°26'	6°24'	5°29'	6°53'	6°30'	5°11'	27°42'	T 20
F 21	23 57 11	27°25'49"	18°39'	23°23'	5°18'	5°17'	11°22'	10°49'	20°24'	6°26'	5°29'	6°45'	6°27'	5°18'	27°39'	F 21
S 22	0 1 8	28°24'32"	1 <sup>h</sup> 19'	22°27'	6°29'	5°54'	11°24'	10°55'	20°23'	6°27'	5°29'	6°41'	6°23'	5°24'	27°36'	S 22
S 23	0 5 5	29°23'16"	14°13'	21°37'	7°40'	6°30'	11°25'	11°1'	20°21'	6°29'	5°30'	6°38'	6°20'	5°31'	27°33'	S 23
M24	0 9 1	0 <sup>h</sup> 22'02"	27°25'	20°54'	8°52'	7°7'	11°27'	11°7'	20°19'	6°30'	5°30'	6°38'	6°17'	5°38'	27°31'	M24
T 25	0 12 58	1°20'50"	10 <sup>h</sup> 59'	20°19'	10°3'	7°43'	11°28'	11°13'	20°18'	6°32'	5°30'	6°38'	6°14'	5°44'	27°28'	T 25
W26	0 16 54	2°19'39"	24°56'	19°53'	11°14'	8°20'	11°29'	11°19'	20°16'	6°33'	5°31'	6°37'	6°11'	5°51'	27°25'	W26
T 27	0 20 51	3°18'31"	9 <sup>h</sup> 17'	19°36'	12°25'	8°56'	11°30'	11°25'	20°14'	6°35'	5°31'	6°34'	6°8'	5°58'	27°23'	T 27
F 28	0 24 47	4°17'23"	24°0'	19°D30	13°36'	9°32'	11°30'	11°31'	20°13'	6°36'	5°31'	6°29'	6°4'	6°5'	27°20'	F 28
S 29	0 28 44	5°16'18"	9 <sup>h</sup> 17'	19°34'	14°46'	10°9'	11°31'	11°36'	20°11'	6°37'	5°31'	6°21'	6°1'	6°11'	27°17'	S 29
S 30	0 32 40	6 <sup>h</sup> 15'14"	24 <sup>h</sup> 17'	19 <sup>h</sup> 48'	15 <sup>h</sup> 57'	10 <sup>h</sup> 45'	11 <sup>h</sup> 31'	11 <sup>h</sup> 42'	20 <sup>h</sup> 11'	6 <sup>h</sup> 39'	5 <sup>h</sup> 31'	6 <sup>h</sup> 31'	5 <sup>h</sup> 58'	6 <sup>h</sup> 18'	27 <sup>h</sup> 15'	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	decl lat	decl lat
S 1	8n35	7s34	3n59	4s25	3s30	4s 5	0n28	22n20	0n49	21n 7	0s52	18n36	0n30	15s12	0s45	18n39
S 2	8 13	1 17	4 40	4 41	3 38	4 36	0 25	22 14	0 50	21 8	0 52	18 34	0 30	15 12	0 45	18 38
M 3	7 51	5n 1	5 1	4 55	3 45	5 7	0 22	22 8	0 51	21 8	0 52	18 32	0 30	15 13	0 45	18 38
T 4	7 29	10 56	5 2	5 6	3 52	5 37	0 19	22 2	0 51	21 9	0 52	18 30	0 30	15 14	0 45	18 37
W 5	7 7	16 4	4 42	5 15	3 58	6 8	0 16	21 56	0 52	21 10	0 53	18 29	0 30	15 14	0 45	18 37
T 6	6 45	20 8	4 6	5 20	4 3	6 38	0 13	21 50	0 53	21 10	0 53	18 27	0 30	15 15	0 45	18 36
F 7	6 23	22 58	3 17	5 22	4 8	7 9	0 10	21 44	0 54	21 11	0 53	18 25	0 30	15 16	0 45	18 36
S 8	6 0	24 26	2 19	5 21	4 11	7 39	0 7	21 37	0 54	21 11	0 53	18 24	0 30	15 16	0 45	18 35
S 9	5 38	24 35	1 16	5 16	4 13	8 9	0 4	21 30	0 55	21 12	0 53	18 22	0 30	15 17	0 45	18 35
M10	5 15	23 29	0 11	5 7	4 14	8 39	0 0	21 23	0 56	21 12	0 53	18 20	0 31	15 18	0 45	18 34
T 11	4 52	21 18	0s53	4 54	4 13	9 8	0s 3	21 16	0 57	21 13	0 53	18 18	0 31	15 18	0 45	18 34
W12	4 30	18 13	1 54	4 37	4 11	9 38	0 6	21 9	0 57	21 13	0 53	18 17	0 31	15 19	0 45	18 34
T 13	4 7	14 25	2 50	4 17	4 7	10 7	0 10	21 2	0 58	21 14	0 53	18 15	0 31	15 20	0 45	18 33
F 14	3 44	10 5	3 37	3 52	4 1	10 36	0 13	20 55	0 59	21 14	0 53	18 14	0 31	15 20	0 45	18 33
S 15	3 21	5 23	4 15	3 53	3 53	11 5	0 17	20 47	1 0	21 14	0 53	18 12	0 31	15 21	0 45	18 32
S 16	2 58	0 30	4 43	2 51	3 43	11 34	0 20	20 39	1 0	21 15	0 53	18 10	0 31	15 21	0 45	18 32
M17	2 34	4s26	4 58	2 16	3 32	12 2	0 23	20 32	1 1	21 15	0 53	18 9	0 31	15 22	0 45	18 32
T 18	2 11	9 15	4 59	1 38	3 18	12 30	0 27	20 24	1 2	21 15	0 53	18 7	0 32	15 23	0 45	18 31
W19	1 48	13 44	4 48	0 59	3 3	12 58	0 30	20 16	1 3	21 16	0 54	18 5	0 32	15 23	0 45	18 31
T 20	1 25	17 43	4 22	0 19	2 46	13 26	0 34	20 8	1 3	21 16	0 54	18 4	0 32	15 24	0 45	18 30
F 21	1 1	20 59	3 45	0n21	2 28	13 53	0 37	20 0	1 4	21 16	0 54	18 2	0 32	15 24	0 45	18 30
S 22	0 38	23 17	2 55	1 1	2 9	14 20	0 41	19 51	1 5	21 16	0 54	18 1	0 32	15 25	0 45	18 30
S 23	0 15	24 26	1 56	1 39	1 50	14 47	0 45	19 43	1 6	21 16	0 54	17 59	0 32	15 25	0 45	18 29
M24	0s 9	24 14	0 48	2 14	1 29	15 13	0 48	19 34	1 6	21 16	0 54	17 58	0 32	15 26	0 45	18 29
T 25	0 32	22 37	0n23	2 47	1 9	15 39	0 52	19 26	1 7	21 17	0 54	17 56	0 32	15 26	0 45	18 29
W26	0 56	19 36	1 35	3 5	0 49	16 5	0 55	19 17	1 8	21 17	0 54	17 55	0 33	15 27	0 45	18 28
T 27	1 19	15 19	2 43	3 40	0 30	16 30	0 59	19 8	1 9	21 17	0 54	17 53	0 33	15 27	0 45	18 28
F 28	1 42	10 2	3 42	3 59	0 11	16 55	1 2	18 59	1 9	21 17	0 54	17 52	0 33	15 28	0 45	18 27
S 29	2 6	4 4	4 27	4 14	0n 6	17 20	1 6	18 50	1 10	21 17	0 54	17 50	0 33	15 28	0 45	18 27
S 30	2s29	2n10	4n54	4n24	0n23	17s44	1s 9	18n41	1n11	21n17	0s54	17n49	0n33	15s29	0s45	18n27

Julian Day Number = 2421472.5, Delta T = 19.99 sec  
 Ecliptic obliquity = 23°27'02", Nutation = 0°00'18", out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°35'25", Lahiri = 22°42'26"

# ASTRODIENST EPHEMERIS for the year 1917

## geocentric

OCTOBER 1917

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 36 37	7♂14'13	9♂17	20♂12	17♂ 8	11♂21	11♂R31	11♂47	20♂R 9	6♂40	5♂32	6♂R 0	5♂55	6♂25	27♂R12	M 1
T 2	0 40 34	8♂13'13	24♂14	20♂45	18♂18	11♂57	11♂II31	11♂53	20♂≈ 7	6♂41	5♂32	5♂49	5♂52	6♂31	27♂K 9	T 2
W 3	0 44 30	9♂12'16	8♂50	21♂28	19♂29	12♂33	11♂31	11♂58	20♂ 6	6♂43	5♂32	5♂39	5♂48	6♂38	27♂ 7	W 3
T 4	0 48 27	10♂11'21	22♂59	22♂19	20♂40	13♂ 8	11♂30	12♂ 3	20♂ 5	6♂44	5♂32	5♂31	5♂45	6♂45	27♂ 4	T 4
F 5	0 52 23	11♂10'28	6♂II38	23♂18	21♂50	13♂44	11♂29	12♂ 9	20♂ 3	6♂45	5♂32	5♂26	5♂42	6♂52	27♂ 1	F 5
S 6	0 56 20	12♂ 9'37	19♂49	24♂24	23♂ 0	14♂20	11♂28	12♂14	20♂ 2	6♂46	5♂32	5♂24	5♂39	6♂58	26♂59	S 6
S 7	1 0 16	13♂ 8'49	2♂34	25♂36	24♂11	14♂55	11♂27	12♂19	20♂ 1	6♂47	5♂R32	5♂D23	5♂36	7♂ 5	26♂56	S 7
M 8	1 4 13	14♂ 8'03	14♂58	26♂53	25♂21	15♂31	11♂26	12♂24	20♂ 0	6♂48	5♂32	5♂R23	5♂33	7♂12	26♂53	M 8
T 9	1 8 9	15♂ 7'19	27♂ 5	28♂16	26♂31	16♂ 6	11♂24	12♂29	19♂59	6♂49	5♂32	5♂23	5♂29	7♂18	26♂51	T 9
W10	1 12 6	16♂ 6'38	9♂ 2	29♂42	27♂41	16♂41	11♂22	12♂33	19♂58	6♂50	5♂32	5♂21	5♂26	7♂25	26♂48	W10
T11	1 16 3	17♂ 5'59	20♂52	1♂12	28♂51	17♂17	11♂20	12♂38	19♂57	6♂51	5♂32	5♂16	5♂23	7♂32	26♂46	T11
F12	1 19 59	18♂ 5'22	2♂II42	2♂45	0♂ 1	17♂52	11♂18	12♂43	19♂56	6♂52	5♂31	5♂ 9	5♂20	7♂38	26♂43	F12
S13	1 23 56	19♂ 4'48	14♂33	4♂21	1♂11	18♂27	11♂16	12♂47	19♂55	6♂53	5♂31	4♂59	5♂17	7♂45	26♂41	S13
S14	1 27 52	20♂ 4'15	26♂30	5♂58	2♂21	19♂ 2	11♂13	12♂52	19♂54	6♂54	5♂31	4♂47	5♂14	7♂52	26♂38	S14
M15	1 31 49	21♂ 3'45	8♂35	7♂37	3♂31	19♂36	11♂11	12♂56	19♂54	6♂55	5♂31	4♂34	5♂10	7♂59	26♂36	M15
T16	1 35 45	22♂ 3'17	20♂48	9♂17	4♂40	20♂11	11♂ 8	13♂ 1	19♂53	6♂56	5♂31	4♂20	5♂ 7	8♂ 5	26♂34	T16
W17	1 39 42	23♂ 2'51	3♂II10	10♂58	5♂50	20♂46	11♂ 4	13♂ 5	19♂52	6♂57	5♂31	4♂ 8	5♂ 4	8♂12	26♂31	W17
T18	1 43 38	24♂ 2'26	15♂42	12♂40	7♂ 0	21♂20	11♂ 1	13♂ 9	19♂51	6♂58	5♂30	3♂57	5♂ 1	8♂19	26♂29	T18
F19	1 47 35	25♂ 2'04	28♂24	14♂22	8♂ 9	21♂55	10♂58	13♂13	19♂51	6♂58	5♂30	3♂50	4♂58	8♂25	26♂27	F19
S20	1 51 32	26♂ 1'44	11♂17	16♂ 4	9♂18	22♂29	10♂54	13♂17	19♂50	6♂59	5♂30	3♂45	4♂54	8♂32	26♂24	S20
S21	1 55 28	27♂ 1'26	24♂22	17♂46	10♂28	23♂ 3	10♂50	13♂21	19♂50	7♂ 0	5♂29	3♂43	4♂51	8♂39	26♂22	S21
M22	1 59 25	28♂ 1'09	7♂340	19♂29	11♂37	23♂37	10♂46	13♂25	19♂49	7♂ 0	5♂29	3♂D42	4♂48	8♂46	26♂20	M22
T23	2 3 21	29♂ 0'54	21♂14	21♂11	12♂46	24♂11	10♂41	13♂28	19♂49	7♂ 1	5♂29	3♂43	4♂45	8♂52	26♂18	T23
W24	2 7 18	0♂II 0'41	5♂≈ 4	22♂53	13♂55	24♂45	10♂37	13♂32	19♂49	7♂ 2	5♂28	3♂R43	4♂42	8♂59	26♂15	W24
T25	2 11 14	1♂ 0'29	19♂12	24♂35	15♂ 3	25♂19	10♂32	13♂35	19♂48	7♂ 2	5♂28	3♂41	4♂39	9♂ 6	26♂13	T25
F26	2 15 11	2♂ 0'19	3♂K36	26♂16	16♂12	25♂53	10♂28	13♂39	19♂48	7♂ 3	5♂27	3♂38	4♂35	9♂12	26♂11	F26
S27	2 19 7	3♂ 0'11	18♂14	27♂57	17♂21	26♂26	10♂23	13♂42	19♂48	7♂ 3	5♂27	3♂32	4♂32	9♂19	26♂ 9	S27
S28	2 23 4	4♂ 0'04	3♂Y 0	29♂37	18♂29	26♂59	10♂17	13♂45	19♂48	7♂ 4	5♂27	3♂24	4♂29	9♂26	26♂ 7	S28
M29	2 27 0	4♂59'59	17♂47	1♂II18	19♂37	27♂33	10♂12	13♂48	19♂48	7♂ 4	5♂26	3♂14	4♂26	9♂32	26♂ 5	M29
T30	2 30 57	5♂59'56	2♂826	2♂57	20♂46	28♂ 6	10♂ 7	13♂51	19♂D48	7♂ 5	5♂26	3♂ 5	4♂23	9♂39	26♂ 3	T30
W31	2 34 54	6♂II59'54	16♂851	4♂II37	21♂854	28♂II39	10♂II 1	13♂II54	19♂≈48	7♂II 5	5♂≈25	2♂57	4♂320	9♂II46	26♂K 1	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	2s52	8n16	5n 0	4n28	0n38	18s 7	1s13	18n32	1n12	21n17	0s54	17n48	0n33	15s29	0s45	18n27
T 2	3 16	13 49	4 45	4 28	0 52	18 31	1 17	18 23	1 12	21 17	0 54	17 46	0 33	15 29	0 45	18 26
W 3	3 39	18 25	4 12	4 22	1 5	18 54	1 20	18 13	1 13	21 16	0 54	17 45	0 34	15 30	0 45	18 26
T 4	4 2	21 49	3 24	4 12	1 16	19 16	1 24	18 4	1 14	21 16	0 55	17 43	0 34	15 30	0 45	18 26
F 5	4 25	<b>23 49</b>	2 26	3 48	1 25	19 38	1 27	17 54	1 15	21 16	0 55	17 42	0 34	15 31	0 45	18 25
S 6	4 49	<b>24 25</b>	1 21	3 40	1 34	20 0	1 31	17 45	1 16	21 16	0 55	17 41	0 34	15 31	0 45	18 25
S 7	5 12	<b>23 40</b>	0 15	3 18	1 41	20 21	1 34	17 35	1 16	21 16	0 55	17 40	0 34	15 31	0 45	18 25
M 8	5 35	21 46	0s50	2 52	1 47	20 41	1 37	17 25	1 17	21 16	0 55	17 38	0 34	15 32	0 45	18 24
T 9	5 58	18 55	1 52	2 23	1 51	21 1	1 41	17 15	1 18	21 15	0 55	17 37	0 34	15 32	0 45	18 24
W10	6 20	15 18	2 48	1 52	1 55	21 21	1 44	17 6	1 19	21 15	0 55	17 36	0 34	15 32	0 44	18 24
T11	6 43	11 8	3 36	1 19	1 57	21 40	1 47	16 56	1 20	21 15	0 55	17 35	0 35	15 32	0 44	18 24
F12	7 6	6 33	4 15	0 43	1 58	21 58	1 51	16 46	1 20	21 14	0 55	17 33	0 35	15 33	0 44	18 23
S13	7 28	1 45	4 42	0 5	1 59	22 16	1 54	16 36	1 21	21 14	0 55	17 32	0 35	15 33	0 44	18 23
S14	7 51	3s10	4 58	0s33	1 58	22 33	1 57	16 25	1 22	21 14	0 55	17 31	0 35	15 33	0 44	18 23
M15	8 13	8 0	5 0	1 14	1 57	22 50	2 0	16 15	1 23	21 13	0 55	17 30	0 35	15 33	0 44	18 23
T16	8 36	12 34	4 49	1 36	1 55	23 6	2 4	16 5	1 24	21 13	0 55	17 29	0 35	15 34	0 44	18 23
W17	8 58	16 42	4 24	2 55	1 53	23 22	2 7	15 55	1 24	21 12	0 55	17 28	0 36	15 34	0 44	18 22
T18	9 20	20 8	3 46	3 19	1 50	<b>23 37</b>	2 10	15 44	1 25	21 12	0 55	17 27	0 36	15 34	0 44	18 22
F19	9 42	22 40	2 56	4 2	1 47	<b>23 51</b>	2 13	15 34	1 26	21 11	0 55	17 26	0 36	15 34	0 44	18 22
S20	10 3	<b>24 4</b>	1 56	4 45	1 43	<b>24 5</b>	2 15	15 24	1 27	21 11	0 55	17 25	0 36	15 34	0 44	18 22
S21	10 25	<b>24 9</b>	0 50	5 28	1 38	<b>24 18</b>	2 18	15 13	1 28	21 10	0 55	17 24	0 36	15 34	0 44	18 22
M22	10 46	22 53	0n21	6 11	1 33	<b>24 31</b>	2 21	15 3	1 28	21 9	0 55	17 23	0 36	15 34	0 44	18 21
T23	11 8	20 16	1 32	6 54	1 28	<b>24 43</b>	2 24	14 52	1 29	21 9	0 55	17 22	0 36	15 35	0 44	18 21
W24	11 29	16 26	2 39	7 37	1 23	<b>24 54</b>	2 27	14 42	1 30	21 8	0 55	17 21	0 37	15 35	0 44	18 21
T25	11 50	11 37	3 38	8 20	1 17	<b>25 5</b>	2 29	14 31	1 31	21 8	0 55	17 20	0 37	15 35	0 44	18 21
F26	12 11	6 5	4 24	9 2	1 12	<b>25 15</b>	2 32	14 20	1 32	21 7	0 55	17 19	0 37	15 35	0 44	18 21
S27	12 31	0 9	4 54	9 44	1 6	<b>25 24</b>	2 34	14 10	1 33	21 6	0 55	17 19	0 37	15 35	0 44	18 21
S28	12 51	5n51	5 4	10 25	0 59	<b>25 33</b>	2 36	13 59	1 33	21 5	0 55	17 18	0 37	15 35	0 44	18 21
M29	13 12	11 31	4 55	11 6	0 53	<b>25 41</b>	2 39	13 48	1 34	21 5	0 55	17 17	0 37	15 35	0 44	18 21
T30	13 32	16 29	4 26	11 46	0 47	<b>25 48</b>	2 41	13 38	1 35	21 4	0 55	17 16	0 38	15 35	0 44	18 20
W31	13s51	20n24	3n40	12s26	0n40	<b>25s55</b>	2s43	13n27	1n36	21n 3	0s55	17n16	0n38	15s35	0s44	18n20

Julian Day Number = 2421502.5, Delta T = 20.05 sec  
 Ecliptic obliquity = 23°27'02, Nutation = 0°00'16, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°35'30, Lahiri = 22°42'30

# ASTRODIENST EPHEMERIS for the year 1917

## geocentric

NOVEMBER 1917

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 38 50	7♈59'55	0♈54	6♈15	23♈2	29♈12	9♈55	13♈57	19♈48	7♈5	5♈24	2♈51	4♈16	9♈53	25♈59	T 1
F 2	2 42 47	8♈59'58	14°33	7°54	24°9	29°45	9♈49	14°0	19°48	7°6	5♈24	2♈47	4°13	9°59	25♈58	F 2
S 3	2 46 43	10° 0'03	27°46	9°32	25°17	0♈18	9°43	14°2	19°48	7°6	5°23	2°D45	4°10	10°6	25°56	S 3
S 4	2 50 40	11° 0'10	10♈34	11°9	26°24	0°50	9°37	14°5	19°48	7°6	5°23	2°45	4°7	10°13	25°54	S 4
M 5	2 54 36	12° 0'19	23°1	12°46	27°32	1°23	9°30	14°7	19°48	7°6	5°22	2°46	4°4	10°19	25°52	M 5
T 6	2 58 33	13° 0'30	5♈12	14°23	28°39	1°55	9°24	14°10	19°49	7°6	5°21	2°47	4°0	10°26	25°51	T 6
W 7	3 2 30	14° 0'43	17°10	15°59	29°46	2°27	9°17	14°12	19°49	7°6	5°21	2°R48	3°57	10°33	25°49	W 7
T 8	3 6 26	15° 0'58	29°3	17°35	0♈53	3°0	9°10	14°14	19°49	7°7	5°20	2°46	3°54	10°40	25°48	T 8
F 9	3 10 23	16° 1'15	10♈53	19°10	2°0	3°31	9°4	14°16	19°50	7°7	5°19	2°43	3°51	10°46	25°46	F 9
S 10	3 14 19	17° 1'34	22°47	20°45	3°6	4°3	8°57	14°18	19°50	7°R7	5°19	2°38	3°48	10°53	25°45	S 10
S 11	3 18 16	18° 1'55	4♈48	22°20	4°12	4°35	8°49	14°20	19°51	7°7	5°18	2°31	3°45	11°0	25°43	S 11
M12	3 22 12	19° 2'18	16°59	23°55	5°19	5°7	8°42	14°21	19°52	7°7	5°17	2°23	3°41	11°6	25°42	M12
T 13	3 26 9	20° 2'42	29°22	25°29	6°25	5°38	8°35	14°23	19°52	7°6	5°16	2°15	3°38	11°13	25°41	T 13
W14	3 30 5	21° 3'09	11♈58	27°3	7°30	6°9	8°27	14°24	19°53	7°6	5°15	2°7	3°35	11°20	25°39	W14
T 15	3 34 2	22° 3'37	24°48	28°36	8°36	6°40	8°20	14°25	19°54	7°6	5°15	2°1	3°32	11°27	25°38	T 15
F 16	3 37 58	23° 4'07	7♈51	0♈10	9°41	7°11	8°12	14°27	19°55	7°6	5°14	1°56	3°29	11°33	25°37	F 16
S 17	3 41 55	24° 4'38	21°6	1°43	10°46	7°42	8°4	14°28	19°55	7°6	5°13	1°54	3°25	11°40	25°36	S 17
S 18	3 45 52	25° 5'11	4♈33	3°16	11°51	8°13	7°57	14°29	19°56	7°6	5°12	1°D53	3°22	11°47	25°35	S 18
M19	3 49 48	26° 5'45	18°10	4°49	12°56	8°43	7°49	14°30	19°57	7°5	5°11	1°54	3°19	11°53	25°34	M19
T 20	3 53 45	27° 6'20	1♈57	6°21	14°0	9°13	7°41	14°30	19°58	7°5	5°10	1°56	3°16	12°0	25°33	T 20
W21	3 57 41	28° 6'57	15°53	7°53	15°4	9°43	7°33	14°31	19°59	7°5	5°9	1°57	3°13	12°7	25°32	W21
T 22	4 1 38	29° 7'34	29°58	9°25	16°8	10°13	7°25	14°31	20°1	7°4	5°8	1°R58	3°10	12°14	25°31	T 22
F 23	4 5 34	0♈8'13	14♈10	10°57	17°12	10°43	7°17	14°32	20°2	7°4	5°7	1°57	3°6	12°20	25°30	F 23
S 24	4 9 31	1° 8'53	28°27	12°29	18°15	11°13	7°9	14°32	20°3	7°3	5°6	1°54	3°3	12°27	25°29	S 24
S 25	4 13 27	2° 9'34	12♈47	14°0	19°18	11°42	7°1	14°32	20°4	7°3	5°5	1°51	3°0	12°34	25°29	S 25
M26	4 17 24	3°10'16	27°5	15°31	20°20	12°11	6°53	14°R32	20°5	7°2	5°4	1°47	2°57	12°40	25°28	M26
T 27	4 21 21	4°10'59	11♈16	17°2	21°23	12°40	6°44	14°32	20°7	7°2	5°3	1°42	2°54	12°47	25°27	T 27
W28	4 25 17	5°11'43	25°16	18°33	22°25	13°9	6°36	14°32	20°8	7°1	5°2	1°38	2°51	12°54	25°27	W28
T 29	4 29 14	6°12'29	9♈0	20°4	23°26	13°38	6°28	14°32	20°10	7°0	5°1	1°36	2°47	13°1	25°26	T 29
F 30	4 33 10	7♈13'16	22♈26	21♈34	24♈27	14♈6	6♈20	14♈32	20♈11	7♈0	5♈0	1♈34	2♈44	13♈7	25♈26	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
T 1	14s11	23n 0	2n42	13s 5	0n34	26s 1	2s45	13n16	1n37	21n 2	0s55	17n15	0n38	15s35	0s44	18n20	0s11	18n45	4s35	23s25	23s23	3n31	1n46	3n40	
F 2	14 30	24 9	1 36	13 43	0 27	26 6	2 47	13 5	1 38	21 1	0 55	17 14	0 38	15 35	0 44	18 20	0 11	18 45	4 35	23 25	23 23	3 29	1 45	3 40	
S 3	14 49	23 53	0 27	14 21	0 20	26 11	2 49	12 55	1 39	21 0	0 55	17 14	0 38	15 35	0 44	18 20	0 11	18 45	4 35	23 25	23 23	3 26	1 44	3 39	
S 4	15 8	22 20	0s42	14 58	0 13	26 15	2 51	12 44	1 40	20 59	0 55	17 13	0 38	15 34	0 44	18 20	0 11	18 45	4 35	23 25	23 23	3 23	1 43	3 39	
M 5	15 27	19 44	1 47	15 34	0 7	26 18	2 52	12 33	1 40	20 59	0 55	17 13	0 38	15 34	0 44	18 20	0 11	18 45	4 35	23 25	23 23	3 20	1 43	3 39	
T 6	15 45	16 18	2 46	16 10	0s 0	26 20	2 54	12 22	1 41	20 58	0 55	17 12	0 39	15 34	0 44	18 20	0 11	18 45	4 35	23 25	23 23	3 17	1 42	3 39	
W 7	16 3	12 16	3 36	16 44	0 7	26 22	2 55	12 12	1 42	20 57	0 55	17 12	0 39	15 34	0 44	18 20	0 11	18 45	4 35	23 25	23 23	3 14	1 41	3 39	
T 8	16 21	7 48	4 17	17 18	0 13	26 23	2 56	12 1	1 43	20 56	0 55	17 11	0 39	15 34	0 44	18 20	0 11	18 45	4 36	23 25	23 24	3 12	1 40	3 38	
F 9	16 38	3 4	4 46	17 51	0 20	26 24	2 58	11 50	1 44	20 55	0 55	17 11	0 39	15 34	0 43	18 20	0 11	18 45	4 36	23 25	23 24	3 9	1 39	3 38	
S 10	16 56	1s47	5 4	18 23	0 27	26 24	2 59	11 39	1 45	20 54	0 55	17 11	0 39	15 34	0 43	18 20	0 11	18 45	4 36	23 25	23 24	3 6	1 38	3 38	
S 11	17 13	6 37	5 8	18 54	0 33	26 23	3 0	11 29	1 46	20 53	0 55	17 10	0 39	15 33	0 43	18 20	0 11	18 45	4 36	23 26	23 24	3 3	1 38	3 38	
M12	17 29	11 16	4 58	19 24	0 40	26 21	3 1	11 18	1 47	20 51	0 55	17 10	0 40	15 33	0 43	18 20	0 11	18 45	4 36	23 26	23 24	3 0	1 37	3 37	
T 13	17 46	15 32	4 35	19 53	0 46	26 19	3 1	11 7	1 48	20 50	0 55	17 10	0 40	15 33	0 43	18 20	0 11	18 45	4 36	23 26	23 24	2 57	1 36	3 37	
W14	18 2	19 12	3 57	20 21	0 52	26 16	3 2	10 56	1 49	20 49	0 55	17 9	0 40	15 33	0 43	18 20	0 11	18 45	4 36	23 26	23 24	2 55	1 35	3 37	
T 15	18 17	22 0	3 7	20 49	0 59	26 12	3 2	10 46	1 50	20 48	0 55	17 9	0 40	15 32	0 43	18 20	0 11	18 45	4 36	23 26	23 24	2 52	1 35	3 37	
F 16	18 33	23 43	2 7	21 15	1 5	26 8	3 3	10 35	1 50	20 47	0 55	17 9	0 40	15 32	0 43	18 20	0 10	18 45	4 36	23 26	23 24	2 49	1 34	3 37	
S 17	18 48	24 7	0 58	21 40	1 10	26 3	3 3	10 24	1 51	20 46	0 55	17 9	0 40	15 32	0 43	18 20	0 10	18 45	4 36	23 26	23 24	2 46	1 33	3 36	
S 18	19 3	23 8	0n15	22 4	1 16	25 58	3 3	10 14	1 52	20 45	0 55	17 9	0 41	15 31	0 43	18 20	0 10	18 45	4 36	23 26	23 24	2 43	1 33	3 36	
M19	19 17	20 46	1 28	22 27	1 22	25 51	3 3	10 3	1 53	20 44	0 54	17 9	0 41	15 31	0 43	18 20	0 10	18 45	4 36	23 26	23 25	2 40	1 32	3 36	
T 20	19 31	17 11	2 37	22 49	1 27	25 45	3 3	9 53	1 54	20 42	0 54	17 8	0 41	15 31	0 43	18 20	0 10	18 45	4 36	23 26	23 25	2 38	1 32	3 36	
W21	19 45	12 38	3 37	23 9	1 33	25 37	3 2	9 42	1 55	20 41	0 54	17 8	0 41	15 30	0 43	18 21	0 10	18 45	4 36	23 26	23 25	2 35	1 31	3 35	
T 22	19 58	7 21	4 25	23 29	1 38	25 29	3 2	9 32	1 56	20 40	0 54	17 8	0 41	15 30	0 43	18 21	0 10	18 45	4 36	23 26	23 25	2 32	1 30	3 35	
F 23	20 11	1 39	4 58	23 47	1 43	25 20	3 1	9 21	1 57	20 39	0 54	17 9	0 42	15 30	0 43	18 21	0 10	18 45	4 36	23 26	23 25	2 29	1 30	3 35	
S 24	20 24	4n 9	5 12	24 4	1 47	25 11	3 0	9 11	1 58	20 38	0 54	17 9	0 42	15 29	0 43	18 21	0 10	18 45	4 36	23 26	23 25	2 26	1 29	3 35	
S 25	20 36	9 45	5 7	24 20	1 52	25 1	2 59	9 1	1 59	20 36	0 54	17 9	0 42	15 29	0 43	18 21	0 10	18 45	4 36	23 26	23 25	2 23	1 29	3 34	
M26	20 48	14 50	4 43	24 35	1 56	24 51	2 58	8 51	2 0	20 35	0 54	17 9	0 42	15 28	0 43	18 21	0 10	18 46	4 36	23 26	23 25	2 21	1 28	3 34	
T 27	20 59	19 2	4 1	24 48	2 0	24 40	2 57	8 40	2 1	20 34	0 54	17 9	0 42	15 28	0 43	18 21	0 10	18 46	4 36	23 26	23 25	2 18	1 28	3 34	
W28	21 11	22 6	3 6	25 1	2 4	24 28	2 56	8 30	2 2	20 33	0 54	17 9	0 42	15 27	0 43	18 21	0 10	18 46	4 36	23 26	23 25	2 15	1 27	3 34	
T 29	21 21	23 48	2 1	25 11	2 7	24 16	2 54	8 20	2 3	20 31	0 53	17 9	0 43	15 27	0 43	18 22	0 10	18 46	4 36	23 26	23 25	2 12	1 27	3 33	
F 30	21s32	24n 4	0n50	25s21	2s10	24s 4	2s52	8n10	2n 4	20n30	0s53	17n10	0n43	15s26	0s43	18n22	0s10	18n46	4s36	23s26	23s25	2n 9	1n27	3n33	

# ASTRODIENST EPHEMERIS for the year 1917

## geocentric

DECEMBER 1917

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 37 7	8♂14'04	5♂32	23♂4	25♂28	14♂35	6°R12	14°R31	20♂13	6°R59	4°R59	1°D34	2♂41	13♂14	25°R26	S 1
S 2	4 41 3	9°14'53	18°17	24°33	26°29	15° 3	6II 3	14♂31	20°14	6♂58	4♂58	1♂35	2°38	13°21	25♂25	S 2
M 3	4 45 0	10°15'44	0♂45	26° 2	27°29	15°31	5°55	14°30	20°16	6°58	4°57	1°36	2°35	13°27	25°25	M 3
T 4	4 48 57	11°16'36	12°58	27°30	28°28	15°58	5°47	14°29	20°18	6°57	4°56	1°38	2°32	13°34	25°25	T 4
W 5	4 52 53	12°17'29	24°59	28°58	29°28	16°26	5°39	14°28	20°19	6°56	4°55	1°39	2°28	13°41	25°25	W 5
T 6	4 56 50	13°18'24	6♂53	0♂26	0♂26	16°53	5°31	14°27	20°21	6°55	4°54	1°40	2°25	13°48	25°24	T 6
F 7	5 0 46	14°19'20	18°45	1°52	1°25	17°20	5°23	14°26	20°23	6°54	4°53	1°R40	2°22	13°54	25°D24	F 7
S 8	5 4 43	15°20'17	0♂39	3°17	2°22	17°47	5°15	14°25	20°25	6°54	4°52	1°39	2°19	14° 1	25°24	S 8
S 9	5 8 39	16°21'15	12°41	4°42	3°20	18°13	5° 7	14°23	20°27	6°53	4°50	1°38	2°16	14° 8	25°25	S 9
M10	5 12 36	17°22'14	24°54	6° 5	4°16	18°39	4°59	14°22	20°29	6°52	4°49	1°36	2°12	14°14	25°25	M10
T 11	5 16 32	18°23'15	7♂22	7°26	5°12	19° 5	4°52	14°20	20°31	6°51	4°48	1°34	2° 9	14°21	25°25	T 11
W12	5 20 29	19°24'16	20° 8	8°46	6° 8	19°31	4°44	14°19	20°33	6°50	4°47	1°32	2° 6	14°28	25°25	W12
T 13	5 24 26	20°25'19	3♂12	10° 4	7° 3	19°57	4°36	14°17	20°35	6°49	4°46	1°31	2° 3	14°35	25°25	T 13
F 14	5 28 22	21°26'22	16°35	11°19	7°58	20°22	4°29	14°15	20°37	6°48	4°45	1°30	2° 0	14°41	25°26	F 14
S 15	5 32 19	22°27'27	0♂35	12°31	8°51	20°47	4°21	14°13	20°39	6°47	4°43	1°D29	1°57	14°48	25°26	S 15
S 16	5 36 15	23°28'32	14° 9	13°40	9°44	21°11	4°14	14°11	20°41	6°45	4°42	1°30	1°53	14°55	25°27	S 16
M17	5 40 12	24°29'37	28°14	14°45	10°37	21°36	4° 7	14° 8	20°44	6°44	4°41	1°30	1°50	15° 1	25°27	M17
T 18	5 44 8	25°30'43	12♂27	15°46	11°29	22° 0	4° 0	14° 6	20°46	6°43	4°40	1°31	1°47	15° 8	25°28	T 18
W19	5 48 5	26°31'49	26°43	16°42	12°20	22°24	3°53	14° 4	20°48	6°42	4°39	1°31	1°44	15°15	25°28	W19
T 20	5 52 1	27°32'56	10♂59	17°31	13°10	22°47	3°46	14° 1	20°51	6°41	4°37	1°32	1°41	15°22	25°29	T 20
F 21	5 55 58	28°34'02	25°13	18°14	13°59	23°10	3°39	13°59	20°53	6°39	4°36	1°R32	1°37	15°28	25°30	F 21
S 22	5 59 55	29°35'09	9♂21	18°50	14°47	23°33	3°32	13°56	20°56	6°38	4°35	1°32	1°34	15°35	25°30	S 22
S 23	6 3 51	0♂36'16	23°22	19°17	15°35	23°56	3°26	13°53	20°58	6°37	4°34	1°32	1°31	15°42	25°31	S 23
M24	6 7 48	1°37'23	7♂15	19°35	16°22	24°18	3°19	13°50	21° 1	6°36	4°33	1°D32	1°28	15°49	25°32	M24
T 25	6 11 44	2°38'30	20°57	19°R42	17° 7	24°40	3°13	13°47	21° 3	6°34	4°31	1°32	1°25	15°55	25°33	T 25
W26	6 15 41	3°39'37	4II27	19°39	17°52	25° 2	3° 7	13°44	21° 6	6°33	4°30	1°32	1°22	16° 2	25°34	W26
T 27	6 19 37	4°40'45	17°45	19°24	18°36	25°23	3° 1	13°41	21° 8	6°32	4°29	1°32	1°18	16° 9	25°35	T 27
F 28	6 23 34	5°41'52	0♂49	18°57	19°18	25°44	2°56	13°38	21°11	6°30	4°28	1°R32	1°15	16°15	25°36	F 28
S 29	6 27 30	6°43'00	13°39	18°19	19°59	26° 4	2°50	13°34	21°14	6°29	4°27	1°32	1°12	16°22	25°37	S 29
S 30	6 31 27	7°44'08	26°15	17°29	20°40	26°24	2°45	13°31	21°16	6°27	4°25	1°32	1° 9	16°29	25°39	S 30
M31	6 35 24	8♂45'17	8♂37	16♂29	21♂18	26♂44	2II39	13♂27	21♂19	6♂26	4♂24	1♂31	1♂ 6	16♂36	25♂40	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21s41	22n58	0s22	25s29	2s13	23s51	2s50	8n 0	2n 5	20n29	0s53	17n10	0n43	15s26	0s43	18n22
S 2	21 51	20 42	1 31	25 35	2 15	23 37	2 48	7 50	2 6	20 27	0 53	17 10	0 43	15 25	0 43	18 22
M 3	22 0	17 30	2 34	25 41	2 17	23 23	2 46	7 40	2 7	20 26	0 53	17 11	0 43	15 25	0 43	18 22
T 4	22 8	13 36	3 29	25 44	2 19	23 8	2 43	7 31	2 8	20 25	0 53	17 11	0 43	15 24	0 43	18 23
W 5	22 17	9 13	4 13	25 47	2 20	22 53	2 40	7 21	2 10	20 24	0 53	17 12	0 44	15 24	0 43	18 23
T 6	22 24	4 33	4 47	25 48	2 21	22 38	2 38	7 11	2 11	20 22	0 52	17 12	0 44	15 23	0 43	18 23
F 7	22 32	0s16	5 8	25 47	2 21	22 22	2 34	7 2	2 12	20 21	0 52	17 13	0 44	15 22	0 43	18 23
S 8	22 39	5 5	5 16	25 45	2 21	22 6	2 31	6 52	2 13	20 20	0 52	17 13	0 44	15 22	0 43	18 23
S 9	22 45	9 46	5 10	25 42	2 20	21 49	2 28	6 43	2 14	20 19	0 52	17 14	0 44	15 21	0 43	18 24
M10	22 51	14 9	4 50	25 37	2 18	21 32	2 24	6 34	2 15	20 17	0 52	17 14	0 44	15 20	0 42	18 24
T 11	22 57	18 1	4 17	25 30	2 16	21 14	2 20	6 24	2 16	20 16	0 52	17 15	0 45	15 20	0 42	18 24
W12	23 2	21 9	3 29	25 23	2 13	20 56	2 16	6 15	2 17	20 15	0 51	17 16	0 45	15 19	0 42	18 24
T 13	23 6	23 16	2 30	25 14	2 10	20 38	2 11	6 6	2 18	20 14	0 51	17 16	0 45	15 18	0 42	18 25
F 14	23 10	24 8	1 22	25 3	2 6	20 20	2 7	5 57	2 19	20 13	0 51	17 17	0 45	15 18	0 42	18 25
S 15	23 14	23 34	0 7	24 52	2 0	20 1	2 2	5 49	2 21	20 11	0 51	17 18	0 45	15 17	0 42	18 25
S 16	23 17	21 33	1n10	24 39	1 54	19 42	1 57	5 40	2 22	20 10	0 51	17 18	0 45	15 16	0 42	18 26
M17	23 20	18 11	2 23	24 25	1 47	19 22	1 52	5 31	2 23	20 9	0 50	17 19	0 46	15 15	0 42	18 26
T 18	23 22	13 45	3 28	24 10	1 39	19 3	1 46	5 23	2 24	20 8	0 50	17 20	0 46	15 15	0 42	18 26
W19	23 24	8 32	4 21	23 54	1 30	18 43	1 40	5 15	2 25	20 7	0 50	17 21	0 46	15 14	0 42	18 26
T 20	23 26	2 52	4 57	23 37	1 20	18 23	1 34	5 6	2 27	20 6	0 50	17 22	0 46	15 13	0 42	18 27
F 21	23 27	2n55	5 15	23 20	1 8	18 3	1 28	4 58	2 28	20 5	0 50	17 23	0 46	15 12	0 42	18 27
S 22	23 27	8 31	5 14	23 3	0 56	17 42	1 22	4 50	2 29	20 4	0 49	17 24	0 46	15 12	0 42	18 27
S 23	23 27	13 38	4 55	22 45	0 42	17 22	1 15	4 43	2 30	20 3	0 49	17 25	0 47	15 11	0 42	18 28
M24	23 26	18 0	4 18	22 28	0 27	17 1	1 8	4 35	2 31	20 2	0 49	17 26	0 47	15 10	0 42	18 28
T 25	23 25	21 19	3 27	22 10	0 10	16 40	1 1	4 27	2 33	20 1	0 49	17 27	0 47	15 9	0 42	18 28
W26	23 24	23 25	2 25	21 54	0n 7	16 20	0 53	4 20	2 34	20 0	0 49	17 28	0 47	15 8	0 42	18 29
T 27	23 22	24 9	1 16	21 38	0 25	15 59	0 45	4 13	2 35	19 59	0 48	17 29	0 47	15 7	0 42	18 29
F 28	23 20	23 31	0 4	21 23	0 44	15 38	0 37	4 5	2 36	19 58	0 48	17 30	0 47	15 7	0 42	18 29
S 29	23 17	21 39	1s 7	21 8	1 4	15 17	0 29	3 58	2 38	19 57	0 48	17 31	0 48	15 6	0 42	18 30
S 30	23 13	18 44	2 13	20 56	1 24	14 56	0 20	3 52	2 39	19 56	0 48	17 32	0 48	15 5	0 42	18 30
M31	23s10	15n 2	3s11	20s44	1n43	14s35	0s11	3n45	2n40	19n55	0s47	17n33	0n48	15s 4	0s42	18n31

Julian Day Number = 2421563.5, Delta T = 20.18 sec  
 Ecciptic obliquity = 23°27'00, Nutation = 0°00'16, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 23°35'38, Lahiri = 22°42'38