



# Astrodienst Ephemeris Tables for the year 1843

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 1843  
geocentric

JANUARY 1843

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	6 39 59	9♌59'08	12♏27	12♏3	20°R28	2♍3	29♌2	16♏0	24♎43	17♎35	19°R57	11°D32	11♏37	25♎0	14°R54	S 1
M 2	6 43 56	11° 0'19	25°15	13°40	20♎11	2°38	29°16	16° 7	24°44	17°37	19°Y57	11♏33	11°33	25° 7	14♏51	M 2
T 3	6 47 52	12° 1'31	7♎48	15°18	19°56	3°13	29°30	16°14	24°46	17°39	19°57	11°R33	11°30	25°14	14°47	T 3
W 4	6 51 49	13° 2'42	20° 7	16°56	19°43	3°47	29°44	16°21	24°47	17°41	19°D57	11°32	11°27	25°20	14°44	W 4
T 5	6 55 45	14° 3'53	2♎15	18°35	19°33	4°21	29°58	16°28	24°49	17°43	19°57	11°32	11°24	25°27	14°40	T 5
F 6	6 59 42	15° 5'03	14°13	20°14	19°26	4°56	0♎12	16°35	24°50	17°45	19°57	11°32	11°21	25°34	14°37	F 6
S 7	7 3 38	16° 6'13	26° 6	21°53	19°21	5°30	0°26	16°42	24°52	17°47	19°57	11°31	11°17	25°40	14°33	S 7
S 8	7 7 35	17° 7'23	7°Y58	23°33	19°18	6° 4	0°40	16°49	24°54	17°49	19°57	11°31	11°14	25°47	14°29	S 8
M 9	7 11 32	18° 8'32	19°53	25°13	19°D18	6°38	0°54	16°56	24°56	17°51	19°57	11°D31	11°11	25°54	14°26	M 9
T 10	7 15 28	19° 9'40	1♏56	26°53	19°21	7°12	1° 8	17° 3	24°57	17°53	19°58	11°31	11° 8	26° 1	14°22	T 10
W 11	7 19 25	20°10'48	14°13	28°34	19°25	7°46	1°22	17°11	24°59	17°55	19°58	11°32	11° 5	26° 7	14°18	W 11
T 12	7 23 21	21°11'56	26°46	0♎14	19°32	8°20	1°36	17°18	25° 1	17°57	19°58	11°33	11° 2	26°14	14°14	T 12
F 13	7 27 18	22°13'03	9♎39	1°55	19°42	8°54	1°50	17°25	25° 3	17°59	19°58	11°34	10°58	26°21	14°10	F 13
S 14	7 31 14	23°14'09	22°56	3°36	19°53	9°28	2° 4	17°32	25° 5	18° 1	19°58	11°35	10°55	26°27	14° 6	S 14
S 15	7 35 11	24°15'15	6♏35	5°17	20° 7	10° 2	2°18	17°39	25° 7	18° 3	19°59	11°R35	10°52	26°34	14° 2	S 15
M 16	7 39 8	25°16'20	20°37	6°58	20°23	10°35	2°33	17°46	25° 9	18° 5	19°59	11°35	10°49	26°41	13°58	M 16
T 17	7 43 4	26°17'24	4♏56	8°38	20°40	11° 9	2°47	17°53	25°11	18° 8	19°59	11°34	10°46	26°48	13°53	T 17
W 18	7 47 1	27°18'28	19°29	10°18	21° 0	11°42	3° 1	18° 0	25°13	18°10	19°59	11°32	10°43	26°54	13°49	W 18
T 19	7 50 57	28°19'31	4♎9	11°57	21°22	12°16	3°15	18° 7	25°15	18°12	20° 0	11°30	10°39	27° 1	13°45	T 19
F 20	7 54 54	29°20'34	18°48	13°36	21°46	12°49	3°29	18°14	25°18	18°14	20° 0	11°28	10°36	27° 8	13°40	F 20
S 21	7 58 50	0♎21'36	3♏21	15°13	22°11	13°22	3°44	18°21	25°20	18°16	20° 0	11°26	10°33	27°14	13°36	S 21
S 22	8 2 47	1°22'38	17°43	16°50	22°38	13°55	3°58	18°28	25°22	18°18	20° 1	11°24	10°30	27°21	13°32	S 22
M 23	8 6 43	2°23'39	1♎50	18°24	23° 7	14°28	4°12	18°35	25°25	18°21	20° 1	11°D24	10°27	27°28	13°27	M 23
T 24	8 10 40	3°24'40	15°42	19°56	23°37	15° 1	4°26	18°42	25°27	18°23	20° 2	11°24	10°23	27°35	13°23	T 24
W 25	8 14 36	4°25'40	29°18	21°25	24° 9	15°34	4°41	18°49	25°29	18°25	20° 2	11°25	10°20	27°41	13°18	W 25
T 26	8 18 33	5°26'40	12♎38	22°51	24°43	16° 7	4°55	18°56	25°32	18°27	20° 3	11°27	10°17	27°48	13°14	T 26
F 27	8 22 30	6°27'39	25°44	24°14	25°18	16°39	5° 9	19° 3	25°34	18°30	20° 3	11°29	10°14	27°55	13° 9	F 27
S 28	8 26 26	7°28'38	8♏38	25°31	25°54	17°12	5°23	19°10	25°37	18°32	20° 4	11°R29	10°11	28° 2	13° 4	S 28
S 29	8 30 23	8°29'35	21°19	26°44	26°32	17°44	5°37	19°16	25°39	18°34	20° 4	11°29	10° 8	28° 8	13° 0	S 29
M 30	8 34 19	9°30'32	3♎49	27°51	27°10	18°17	5°52	19°23	25°42	18°36	20° 5	11°27	10° 4	28°15	12°55	M 30
T 31	8 38 16	10°31'28	16♎9	28°51	27°50	18♎49	6♎6	19♏30	25♎45	18♎39	20°Y 5	11♏24	10♏1	28♎22	12♏51	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 5	22s48	0n 5	24s49	1s54	18s36	4n32	10s57	1n20	20s48	0s27	22s16	0n14	2s47	0s44	15s50	0s16	8s 7	17s11	22s57	22s57	2n32	9n13	7s29
M 2	23 0	19 52	1 15	24 42	1 57	18 26	4 40	11 9	1 20	20 46	0 27	22 16	0 14	2 46	0 44	15 49	0 16	8 7	17 11	22 57	22 57	2 35	9 14	7 29
T 3	22 55	16 4	2 21	24 34	2 0	18 17	4 48	11 20	1 20	20 43	0 27	22 15	0 14	2 46	0 44	15 48	0 16	8 7	17 11	22 57	22 58	2 38	9 14	7 30
W 4	22 49	11 39	3 18	24 24	2 2	18 9	4 55	11 32	1 20	20 40	0 27	22 14	0 13	2 45	0 44	15 48	0 16	8 7	17 10	22 58	22 58	2 41	9 15	7 30
T 5	22 43	6 52	4 6	24 13	2 4	18 2	5 2	11 44	1 20	20 37	0 27	22 13	0 13	2 44	0 44	15 47	0 16	8 6	17 10	22 58	22 58	2 44	9 15	7 30
F 6	22 36	1 53	4 42	24 0	2 5	17 56	5 8	11 56	1 20	20 34	0 27	22 13	0 13	2 44	0 44	15 47	0 16	8 6	17 10	22 58	22 59	2 47	9 16	7 31
S 7	22 29	3n 7	5 6	23 45	2 6	17 50	5 13	12 7	1 19	20 31	0 27	22 12	0 13	2 43	0 44	15 46	0 16	8 5	17 9	22 58	22 59	2 50	9 17	7 31
S 8	22 22	8 0	5 16	23 29	2 7	17 45	5 18	12 18	1 19	20 28	0 27	22 11	0 13	2 42	0 44	15 45	0 16	8 5	17 9	22 58	22 59	2 53	9 17	7 31
M 9	22 14	12 37	5 14	23 12	2 7	17 41	5 22	12 30	1 19	20 25	0 28	22 10	0 13	2 42	0 44	15 45	0 16	8 5	17 9	22 58	22 59	2 55	9 18	7 32
T 10	22 5	16 48	4 57	22 52	2 7	17 37	5 26	12 41	1 19	20 22	0 28	22 9	0 13	2 41	0 44	15 44	0 16	8 4	17 8	22 58	23 0	2 58	9 19	7 32
W 11	21 57	20 22	4 27	22 31	2 6	17 35	5 29	12 52	1 19	20 19	0 28	22 9	0 13	2 40	0 44	15 44	0 16	8 4	17 8	22 58	23 0	3 1	9 20	7 32
T 12	21 47	23 4	3 44	22 9	2 5	17 33	5 31	13 3	1 19	20 16	0 28	22 8	0 13	2 39	0 44	15 43	0 16	8 4	17 7	22 57	23 0	3 4	9 20	7 33
F 13	21 38	24 41	2 48	21 45	2 3	17 31	5 33	13 14	1 19	20 13	0 28	22 7	0 13	2 38	0 44	15 42	0 16	8 3	17 7	22 57	23 0	3 7	9 21	7 33
S 14	21 27	24 58	1 41	21 19	2 1	17 30	5 35	13 25	1 18	20 10	0 28	22 6	0 13	2 38	0 44	15 42	0 16	8 3	17 7	22 57	23 1	3 10	9 22	7 33
S 15	21 17	23 45	0 28	20 52	1 58	17 30	5 36	13 36	1 18	20 7	0 28	22 5	0 13	2 37	0 44	15 41	0 16	8 2	17 6	22 57	23 1	3 13	9 23	7 34
M 16	21 6	21 3	0s50	20 24	1 55	17 30	5 37	13 47	1 18	20 4	0 28	22 4	0 13	2 36	0 44	15 40	0 16	8 2	17 6	22 57	23 1	3 16	9 24	7 34
T 17	20 55	17 1	2 6	19 54	1 51	17 31	5 37	13 57	1 18	20 1	0 28	22 3	0 13	2 35	0 44	15 40	0 16	8 1	17 6	22 57	23 1	3 18	9 25	7 34
W 18	20 43	11 55	3 14	19 22	1 46	17 33	5 37	14 8	1 18	19 58	0 28	22 3	0 12	2 34	0 44	15 39	0 16	8 1	17 5	22 57	23 2	3 21	9 26	7 34
T 19	20 31	6 6	4 11	18 50	1 40	17 34	5 37	14 18	1 17	19 54	0 28	22 2	0 12	2 33	0 44	15 38	0 16	8 0	17 5	22 58	23 2	3 24	9 27	7 34
F 20	20 18	0s 2	4 51	18 16	1 34	17 36	5 37	14 28	1 17	19 51	0 28	22 1	0 12	2 32	0 44	15 38	0 16	8 0	17 4	22 58	23 2	3 27	9 28	7 35
S 21	20 5	6 6	5 12	17 40	1 27	17 39	5 36	14 39	1 17	19 48	0 28	22 0	0 12	2 31	0 44	15 37	0 16	8 0	17 4	22 58	23 2	3 30	9 29	7 35
S 22	19 52	11 47	5 13	17 4	1 20	17 42	5 34	14 49	1 17	19 45	0 29	21 59	0 12	2 31	0 44	15 36	0 16	7 59	17 4	22 58	23 3	3 33	9 30	7 35
M 23	19 39	16 44	4 56	16 27	1 11	17 45	5 33	14 59	1 16	19 41	0 29	21 58	0 12	2 30	0 44	15 36	0 16	7 59	17 3	22 58	23 3	3 36	9 31	7 35
T 24	19 25	20 42	4 21	15 50	1 2	17 48	5 31	15 9	1 16	19 38	0 29	21 57	0 12	2 29	0 44	15 35	0 16	7 58	17 3	22 58	23 3	3 38	9 32	7 35
W 25	19 10	23 28	3 32	15 11	0 52	17 51	5 29	15 18	1 16	19 35	0 29	21 56	0 12	2 28	0 44	15 34	0 16	7 58	17 3	22 58	23 3	3 41	9 34	7 35
T 26	18 56	24 51	2 32	14 33	0 41	17 55	5 27	15 28	1 16	19 31	0 29	21 56	0 12	2 27	0 44	15 34	0 16	7 57	17 2	22 58	23 4	3 44	9 35	7 35
F 27	18 40	24 49	1 26	13 55	0 29	17 59	5 24	15 38	1 15	19 28	0 29	21 55	0 12	2 26	0 44	15 33	0 16	7 57	17 2	22 58	23 4	3 47	9 36	7 35
S 28	18 25	23 26	0 16	13 17	0 16	18 3	5 21	15 47	1 15	19 25	0 29	21 54	0 12	2 25	0 43	15 32	0 16	7 56	17 2	22 58	23 4	3 50	9 37	7 35
S 29	18 9	20 53	0n54	12 39	0 3	18 7	5 18	15 56	1 15	19 21	0 29	21 53	0 12	2 24	0 43	15 32	0 16	7 56	17 1	22 58	23 4	3 53	9 38	7 35
M 30	17 53	17 23	1 59	12 3	0n12	18 11	5 15	16 6	1 14	19 18	0 29	21 52	0 12	2 22	0 43	15 31	0 16	7 55	17 1	22 58	23 5	3 55	9 40	7 35
T 31	17s37	13s10	2n58	11s28	0n27	18s15	5n12	16s15	1n14	19s14	0s29	21s51	0n12	2s21	0s43	15s30	0s16	7s55	17s 1	22s58	23s 5	3n58	9n41	7s35

ASTRODIENST EPHEMERIS for the year 1843  
geocentric

FEBRUARY 1843

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	8 42 12	11 <sup>32</sup> 22	28 <sup>20</sup>	29 <sup>43</sup>	28 <sup>31</sup>	19 <sup>21</sup>	6 <sup>20</sup>	19 <sup>37</sup>	25 <sup>47</sup>	18 <sup>41</sup>	20 <sup>6</sup>	11 <sup>19</sup>	9 <sup>58</sup>	28 <sup>28</sup>	12 <sup>46</sup>	W 1
T 2	8 46 9	12 <sup>33</sup> 15	10 <sup>23</sup>	0 <sup>27</sup>	29 <sup>14</sup>	19 <sup>53</sup>	6 <sup>34</sup>	19 <sup>44</sup>	25 <sup>50</sup>	18 <sup>43</sup>	20 <sup>7</sup>	11 <sup>13</sup>	9 <sup>55</sup>	28 <sup>35</sup>	12 <sup>41</sup>	T 2
F 3	8 50 6	13 <sup>34</sup> 07	22 <sup>19</sup>	1 <sup>2</sup>	29 <sup>57</sup>	20 <sup>25</sup>	6 <sup>49</sup>	19 <sup>50</sup>	25 <sup>53</sup>	18 <sup>45</sup>	20 <sup>7</sup>	11 <sup>7</sup>	9 <sup>52</sup>	28 <sup>42</sup>	12 <sup>37</sup>	F 3
S 4	8 54 2	14 <sup>34</sup> 58	4 <sup>11</sup>	1 <sup>27</sup>	0 <sup>41</sup>	20 <sup>57</sup>	7 <sup>3</sup>	19 <sup>57</sup>	25 <sup>55</sup>	18 <sup>48</sup>	20 <sup>8</sup>	11 <sup>1</sup>	9 <sup>49</sup>	28 <sup>49</sup>	12 <sup>32</sup>	S 4
S 5	8 57 59	15 <sup>35</sup> 47	16 <sup>2</sup>	1 <sup>42</sup>	1 <sup>27</sup>	21 <sup>29</sup>	7 <sup>17</sup>	20 <sup>4</sup>	25 <sup>58</sup>	18 <sup>50</sup>	20 <sup>9</sup>	10 <sup>56</sup>	9 <sup>45</sup>	28 <sup>55</sup>	12 <sup>27</sup>	S 5
M 6	9 1 55	16 <sup>36</sup> 34	27 <sup>56</sup>	1 <sup>47</sup>	2 <sup>13</sup>	22 <sup>0</sup>	7 <sup>31</sup>	20 <sup>10</sup>	26 <sup>1</sup>	18 <sup>52</sup>	20 <sup>9</sup>	10 <sup>53</sup>	9 <sup>42</sup>	29 <sup>2</sup>	12 <sup>23</sup>	M 6
T 7	9 5 52	17 <sup>37</sup> 21	9 <sup>56</sup>	1 <sup>40</sup>	3 <sup>0</sup>	22 <sup>32</sup>	7 <sup>45</sup>	20 <sup>17</sup>	26 <sup>4</sup>	18 <sup>55</sup>	20 <sup>10</sup>	10 <sup>51</sup>	9 <sup>39</sup>	29 <sup>9</sup>	12 <sup>18</sup>	T 7
W 8	9 9 48	18 <sup>38</sup> 05	22 <sup>8</sup>	1 <sup>22</sup>	3 <sup>48</sup>	23 <sup>3</sup>	7 <sup>59</sup>	20 <sup>23</sup>	26 <sup>7</sup>	18 <sup>57</sup>	20 <sup>11</sup>	10 <sup>51</sup>	9 <sup>36</sup>	29 <sup>15</sup>	12 <sup>14</sup>	W 8
T 9	9 13 45	19 <sup>38</sup> 48	4 <sup>36</sup>	0 <sup>54</sup>	4 <sup>37</sup>	23 <sup>34</sup>	8 <sup>14</sup>	20 <sup>30</sup>	26 <sup>10</sup>	18 <sup>59</sup>	20 <sup>12</sup>	10 <sup>52</sup>	9 <sup>33</sup>	29 <sup>22</sup>	12 <sup>9</sup>	T 9
F 10	9 17 41	20 <sup>39</sup> 30	17 <sup>25</sup>	0 <sup>16</sup>	5 <sup>26</sup>	24 <sup>5</sup>	8 <sup>28</sup>	20 <sup>36</sup>	26 <sup>12</sup>	19 <sup>1</sup>	20 <sup>12</sup>	10 <sup>53</sup>	9 <sup>29</sup>	29 <sup>29</sup>	12 <sup>4</sup>	F 10
S 11	9 21 38	21 <sup>40</sup> 10	0 <sup>39</sup>	29 <sup>30</sup>	6 <sup>17</sup>	24 <sup>36</sup>	8 <sup>42</sup>	20 <sup>43</sup>	26 <sup>15</sup>	19 <sup>4</sup>	20 <sup>13</sup>	10 <sup>55</sup>	9 <sup>26</sup>	29 <sup>36</sup>	12 <sup>0</sup>	S 11
S 12	9 25 35	22 <sup>40</sup> 48	14 <sup>20</sup>	28 <sup>35</sup>	7 <sup>8</sup>	25 <sup>7</sup>	8 <sup>56</sup>	20 <sup>49</sup>	26 <sup>18</sup>	19 <sup>6</sup>	20 <sup>14</sup>	10 <sup>55</sup>	9 <sup>23</sup>	29 <sup>42</sup>	11 <sup>55</sup>	S 12
M13	9 29 31	23 <sup>41</sup> 25	28 <sup>29</sup>	27 <sup>34</sup>	8 <sup>0</sup>	25 <sup>37</sup>	9 <sup>10</sup>	20 <sup>56</sup>	26 <sup>21</sup>	19 <sup>8</sup>	20 <sup>15</sup>	10 <sup>54</sup>	9 <sup>20</sup>	29 <sup>49</sup>	11 <sup>51</sup>	M13
T 14	9 33 28	24 <sup>42</sup> 00	13 <sup>2</sup>	26 <sup>29</sup>	8 <sup>52</sup>	26 <sup>8</sup>	9 <sup>24</sup>	21 <sup>2</sup>	26 <sup>24</sup>	19 <sup>10</sup>	20 <sup>16</sup>	10 <sup>50</sup>	9 <sup>17</sup>	29 <sup>56</sup>	11 <sup>46</sup>	T 14
W15	9 37 24	25 <sup>42</sup> 33	27 <sup>57</sup>	25 <sup>22</sup>	9 <sup>45</sup>	26 <sup>38</sup>	9 <sup>38</sup>	21 <sup>8</sup>	26 <sup>27</sup>	19 <sup>13</sup>	20 <sup>17</sup>	10 <sup>45</sup>	9 <sup>14</sup>	0 <sup>3</sup>	11 <sup>42</sup>	W15
T 16	9 41 21	26 <sup>43</sup> 05	13 <sup>2</sup>	24 <sup>13</sup>	10 <sup>39</sup>	27 <sup>9</sup>	9 <sup>52</sup>	21 <sup>14</sup>	26 <sup>31</sup>	19 <sup>15</sup>	20 <sup>17</sup>	10 <sup>38</sup>	9 <sup>10</sup>	0 <sup>9</sup>	11 <sup>38</sup>	T 16
F 17	9 45 17	27 <sup>43</sup> 35	28 <sup>8</sup>	23 <sup>5</sup>	11 <sup>34</sup>	27 <sup>39</sup>	10 <sup>6</sup>	21 <sup>21</sup>	26 <sup>34</sup>	19 <sup>17</sup>	20 <sup>18</sup>	10 <sup>31</sup>	9 <sup>7</sup>	0 <sup>16</sup>	11 <sup>33</sup>	F 17
S 18	9 49 14	28 <sup>44</sup> 04	13 <sup>2</sup>	22 <sup>0</sup>	12 <sup>29</sup>	28 <sup>9</sup>	10 <sup>20</sup>	21 <sup>27</sup>	26 <sup>37</sup>	19 <sup>20</sup>	20 <sup>19</sup>	10 <sup>24</sup>	9 <sup>4</sup>	0 <sup>23</sup>	11 <sup>29</sup>	S 18
S 19	9 53 10	29 <sup>44</sup> 32	27 <sup>49</sup>	20 <sup>59</sup>	13 <sup>24</sup>	28 <sup>38</sup>	10 <sup>33</sup>	21 <sup>33</sup>	26 <sup>40</sup>	19 <sup>22</sup>	20 <sup>20</sup>	10 <sup>18</sup>	9 <sup>1</sup>	0 <sup>29</sup>	11 <sup>25</sup>	S 19
M20	9 57 7	0 <sup>44</sup> 58	12 <sup>2</sup>	20 <sup>3</sup>	14 <sup>20</sup>	29 <sup>8</sup>	10 <sup>47</sup>	21 <sup>39</sup>	26 <sup>43</sup>	19 <sup>24</sup>	20 <sup>21</sup>	10 <sup>14</sup>	8 <sup>58</sup>	0 <sup>36</sup>	11 <sup>20</sup>	M20
T 21	10 1 3	1 <sup>45</sup> 23	26 <sup>5</sup>	19 <sup>13</sup>	15 <sup>17</sup>	29 <sup>37</sup>	11 <sup>1</sup>	21 <sup>45</sup>	26 <sup>46</sup>	19 <sup>26</sup>	20 <sup>22</sup>	10 <sup>12</sup>	8 <sup>54</sup>	0 <sup>43</sup>	11 <sup>16</sup>	T 21
W22	10 5 0	2 <sup>45</sup> 47	9 <sup>37</sup>	18 <sup>30</sup>	16 <sup>14</sup>	0 <sup>7</sup>	11 <sup>15</sup>	21 <sup>51</sup>	26 <sup>49</sup>	19 <sup>29</sup>	20 <sup>23</sup>	10 <sup>12</sup>	8 <sup>51</sup>	0 <sup>50</sup>	11 <sup>12</sup>	W22
T 23	10 8 57	3 <sup>46</sup> 09	22 <sup>48</sup>	17 <sup>53</sup>	17 <sup>12</sup>	0 <sup>36</sup>	11 <sup>29</sup>	21 <sup>57</sup>	26 <sup>53</sup>	19 <sup>31</sup>	20 <sup>24</sup>	10 <sup>13</sup>	8 <sup>48</sup>	0 <sup>56</sup>	11 <sup>8</sup>	T 23
F 24	10 12 53	4 <sup>46</sup> 30	5 <sup>30</sup>	17 <sup>24</sup>	18 <sup>10</sup>	1 <sup>5</sup>	11 <sup>42</sup>	22 <sup>3</sup>	26 <sup>56</sup>	19 <sup>33</sup>	20 <sup>25</sup>	10 <sup>14</sup>	8 <sup>45</sup>	1 <sup>3</sup>	11 <sup>4</sup>	F 24
S 25	10 16 50	5 <sup>46</sup> 50	18 <sup>16</sup>	17 <sup>2</sup>	19 <sup>9</sup>	1 <sup>34</sup>	11 <sup>56</sup>	22 <sup>8</sup>	26 <sup>59</sup>	19 <sup>35</sup>	20 <sup>26</sup>	10 <sup>14</sup>	8 <sup>42</sup>	1 <sup>10</sup>	11 <sup>0</sup>	S 25
S 26	10 20 46	6 <sup>47</sup> 08	0 <sup>40</sup>	16 <sup>48</sup>	20 <sup>8</sup>	2 <sup>2</sup>	12 <sup>10</sup>	22 <sup>14</sup>	27 <sup>2</sup>	19 <sup>37</sup>	20 <sup>27</sup>	10 <sup>12</sup>	8 <sup>39</sup>	1 <sup>16</sup>	10 <sup>56</sup>	S 26
M27	10 24 43	7 <sup>47</sup> 24	12 <sup>54</sup>	16 <sup>40</sup>	21 <sup>7</sup>	2 <sup>31</sup>	12 <sup>23</sup>	22 <sup>20</sup>	27 <sup>6</sup>	19 <sup>40</sup>	20 <sup>28</sup>	10 <sup>7</sup>	8 <sup>35</sup>	1 <sup>23</sup>	10 <sup>52</sup>	M27
T 28	10 28 39	8 <sup>47</sup> 39	25 <sup>1</sup>	16 <sup>40</sup>	22 <sup>7</sup>	2 <sup>59</sup>	12 <sup>37</sup>	22 <sup>26</sup>	27 <sup>9</sup>	19 <sup>42</sup>	20 <sup>30</sup>	10 <sup>7</sup>	8 <sup>32</sup>	1 <sup>30</sup>	10 <sup>48</sup>	T 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
W 1	17s20	8s29	3n49	10s55	0n42	18s19	5n 8	16s24	1n14	19s11	0s29	21s50	0n12	2s20	0s43	15s30	0s16	7s54	17s 0	22s59	23s 5	4n 1	9n42	7s35			
T 2	17 3	3 33	4 28	10 24	0 59	18 23	5 5	16 33	1 13	19 7	0 30	21 49	0 11	2 19	0 43	15 29	0 16	7 53	17 0	22 59	23 5	4 4	9 44	7 35			
F 3	16 46	1n28	4 55	9 56	1 15	18 27	5 1	16 42	1 13	19 4	0 30	21 48	0 11	2 18	0 43	15 28	0 16	7 53	17 0	23 0	23 6	4 7	9 45	7 35			
S 4	16 28	6 23	5 9	9 32	1 32	18 31	4 57	16 50	1 13	19 0	0 30	21 47	0 11	2 17	0 43	15 27	0 16	7 52	16 59	23 0	23 6	4 10	9 46	7 35			
S 5	16 10	11 5	5 10	9 11	1 49	18 34	4 53	16 59	1 12	18 57	0 30	21 46	0 11	2 16	0 43	15 27	0 16	7 52	16 59	23 1	23 6	4 12	9 48	7 35			
M 6	15 52	15 22	4 58	8 53	2 6	18 38	4 48	17 7	1 12	18 53	0 30	21 46	0 11	2 15	0 43	15 26	0 16	7 51	16 59	23 1	23 6	4 15	9 49	7 35			
T 7	15 34	19 6	4 32	8 41	2 22	18 42	4 44	17 16	1 12	18 50	0 30	21 45	0 11	2 14	0 43	15 25	0 16	7 51	16 58	23 1	23 7	4 18	9 50	7 35			
W 8	15 15	22 5	3 54	8 32	2 38	18 45	4 40	17 24	1 11	18 46	0 30	21 44	0 11	2 12	0 43	15 25	0 16	7 50	16 58	23 1	23 7	4 21	9 52	7 35			
T 9	14 56	24 6	3 4	8 28	2 52	18 48	4 35	17 32	1 11	18 43	0 30	21 43	0 11	2 11	0 43	15 24	0 16	7 50	16 58	23 1	23 7	4 24	9 53	7 34			
F 10	14 37	24 55	2 4	8 29	3 6	18 51	4 30	17 40	1 10	18 39	0 30	21 42	0 11	2 10	0 43	15 23	0 16	7 49	16 57	23 1	23 7	4 26	9 54	7 34			
S 11	14 18	24 23	0 55	8 35	3 17	18 53	4 25	17 48	1 10	18 36	0 30	21 41	0 11	2 9	0 43	15 23	0 16	7 48	16 57	23 1	23 7	4 29	9 56	7 34			
S 12	13 58	22 23	0s19	8 44	3 27	18 56	4 21	17 56	1 9	18 32	0 31	21 40	0 11	2 8	0 43	15 22	0 16	7 48	16 57	23 1	23 8	4 32	9 57	7 34			
M13	13 38	18 57	1 34	8 58	3 35	18 58	4 16	18 4	1 9	18 28	0 31	21 39	0 11	2 6	0 43	15 21	0 16	7 47	16 56	23 1	23 8	4 35	9 59	7 34			
T 14	13 18	14 17	2 45	9 15	3 40	19 0	4 11	18 12	1 9	18 25	0 31	21 38	0 11	2 5	0 43	15 20	0 16	7 47	16 56	23 1	23 8	4 38	10 0	7 33			
W15	12 58	8 39	3 46	9 34	3 43	19 1	4 5	18 19	1 8	18 21	0 31	21 37	0 11	2 4	0 43	15 20	0 16	7 46	16 56	23 1	23 8	4 41	10 2	7 33			
T 16	12 37	2 28	4 33	9 56	3 44	19 2	4 0	18 26	1 8	18 17	0 31	21 36	0 11	2 3	0 43	15 19	0 16	7 45	16 55	23 2	23 9	4 43	10 3	7 33			
F 17	12 16	3s51	5 0	10 20	3 42	19 3	3 55	18 34	1 7	18 14	0 31	21 36	0 11	2 2	0 43	15 18	0 16	7 45	16 55	23 3	23 9	4 46	10 5	7 33			
S 18	11 55	9 54	5 7	10 44	3 38	19 4	3 50	18 41	1 7	18 10	0 31	21 35	0 10	2 0	0 43	15 18	0 16	7 44	16 55	23 3	23 9	4 49	10 6	7 32			
S 19	11 34	15 16	4 53	11 9	3 33	19 4	3 44	18 48	1 6	18 7	0 31	21 34	0 10	1 59	0 43	15 17	0 16	7 44	16 55	23 4	23 9	4 52	10 7	7 32			
M20	11 13	19 38	4 21	11 34	3 25	19 3	3 39	18 55	1 6	18 3	0 31	21 33	0 10	1 58	0 43	15 16	0 16	7 43	16 54	23 4	23 9	4 55	10 9	7 32			
T 21	10 52	22 46	3 35	11 58	3 16	19 3	3 34	19 2	1 5	17 59	0 32	21 32	0 10	1 57	0 43	15 16	0 16	7 42	16 54	23 4	23 10	4 57	10 10	7 31			
W22	10 30	24 30	2 37	12 21	3 6	19 2	3 28	19 9	1 4	17 55	0 32	21 31	0 10	1 55	0 43	15 15	0 16	7 42	16 54	23 4	23 10	5 0	10 12	7 31			
T 23	10 8	24 48	1 32	12 43	2 55	19 0	3 23	19 15	1 4	17 52	0 32	21 30	0 10	1 54	0 43	15 14	0 16	7 41	16 54	23 4	23 10	5 3	10 13	7 30			
F 24	9 46	23 45	0 25	13 3	2 42	18 58	3 17	19 22	1 3	17 48	0 32	21 29	0 10	1 53	0 43	15 14	0 16	7 41	16 53	23 4	23 10	5 6	10 15	7 30			
S 25	9 24	21 30	0n43	13 22	2 30	18 56	3 12	19 28	1 3	17 44	0 32	21 28	0 10	1 51	0 43	15 13	0 16	7 40	16 53	23 4	23 10	5 8	10 16	7 30			
S 26	9 2	18 17	1 47	13 39	2 16	18 53	3 6	19 35	1 2	17 41	0 32	21 28	0 10	1 50	0 43	15 12	0 16	7 39	16 53	23 4	23 11	5 11	10 18	7 29			
M27	8 39	14 18	2 45	13 54	2 3	18 50	3 1	19 41	1 1	17 37	0 32	21 27	0 10	1 49	0 43	15 12	0 16	7 39	16 53	23 4	23 11	5 14	10 19	7 29			
T 28	8s17	9s48	3n35	14s 7	1n49	18s46	2n55	19s47	1n 1	17s33	0s32	21s26	0n10	1s47	0s43	15s11	0s16	7s38	16s52	23s 5	23s11	5n17	10n21	7s28			

## ASTRODIENST EPHEMERIS for the year 1843

geocentric

MARCH 1843

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	10 32 36	9°47'51	7°42' 2	16°45	23°37 7	3°27	12°50	22°31	27°12	19°44	20°31	9°R50	8°29	1°37	10°R44	W 1
T 2	10 36 32	10°48'02	18°59	16°57	24° 8	3°55	13° 4	22°37	27°15	19°46	20°32	9°38	8°26	1°43	10°R41	T 2
F 3	10 40 29	11°48'11	0°52	17°15	25° 9	4°22	13°17	22°42	27°19	19°48	20°33	9°25	8°23	1°50	10°37	F 3
S 4	10 44 26	12°48'18	12°44	17°37	26°10	4°50	13°30	22°47	27°22	19°50	20°34	9°13	8°20	1°57	10°33	S 4
S 5	10 48 22	13°48'24	24°36	18° 5	27°12	5°17	13°44	22°53	27°26	19°53	20°35	9° 2	8°16	2° 4	10°30	S 5
M 6	10 52 19	14°48'27	6°30	18°38	28°14	5°44	13°57	22°58	27°29	19°55	20°36	8°53	8°13	2°10	10°26	M 6
T 7	10 56 15	15°48'28	18°30	19°15	29°16	6°10	14°10	23° 3	27°32	19°57	20°38	8°47	8°10	2°17	10°23	T 7
W 8	11 0 12	16°48'27	0°11	19°56	0°19	6°37	14°23	23° 8	27°36	19°59	20°39	8°44	8° 7	2°24	10°20	W 8
T 9	11 4 8	17°48'24	13° 3	20°41	1°21	7° 3	14°36	23°14	27°39	20° 1	20°40	8°D42	8° 4	2°30	10°17	T 9
F 10	11 8 5	18°48'18	25°46	21°29	2°24	7°29	14°49	23°19	27°42	20° 3	20°41	8°42	8° 0	2°37	10°13	F 10
S 11	11 12 1	19°48'11	8°52	22°21	3°28	7°55	15° 2	23°23	27°46	20° 5	20°42	8°R43	7°57	2°44	10°10	S 11
S 12	11 15 58	20°48'01	22°26	23°16	4°31	8°21	15°15	23°28	27°49	20° 7	20°44	8°42	7°54	2°51	10° 8	S 12
M13	11 19 55	21°47'49	6°29	24°13	5°35	8°46	15°28	23°33	27°53	20° 9	20°45	8°39	7°51	2°57	10° 5	M13
T 14	11 23 51	22°47'34	21° 1	25°14	6°39	9°11	15°41	23°38	27°56	20°11	20°46	8°34	7°48	3° 4	10° 2	T 14
W15	11 27 48	23°47'18	5°18	26°17	7°44	9°36	15°54	23°43	27°59	20°13	20°47	8°26	7°45	3°11	9°59	W15
T 16	11 31 44	24°46'59	21°12	27°22	8°48	10° 0	16° 6	23°47	28° 3	20°15	20°49	8°16	7°41	3°17	9°57	T 16
F 17	11 35 41	25°46'38	6°34	28°30	9°53	10°24	16°19	23°52	28° 6	20°17	20°50	8° 5	7°38	3°24	9°54	F 17
S 18	11 39 37	26°46'16	21°50	29°40	10°58	10°48	16°32	23°56	28°10	20°19	20°51	7°55	7°35	3°31	9°52	S 18
S 19	11 43 34	27°45'51	6°15	0°52	12° 4	11°12	16°44	24° 1	28°13	20°21	20°53	7°46	7°32	3°38	9°49	S 19
M20	11 47 30	28°45'25	21°27	2° 6	13° 9	11°35	16°56	24° 5	28°17	20°23	20°54	7°39	7°29	3°44	9°47	M20
T 21	11 51 27	29°44'57	5°35	3°22	14°15	11°59	17° 9	24° 9	28°20	20°25	20°55	7°35	7°26	3°51	9°45	T 21
W22	11 55 24	0°44'27	19°15	4°40	15°21	12°21	17°21	24°13	28°23	20°26	20°57	7°33	7°22	3°58	9°43	W22
T 23	11 59 20	1°43'56	2°37	6° 0	16°27	12°44	17°33	24°17	28°27	20°28	20°58	7°33	7°19	4° 5	9°41	T 23
F 24	12 3 17	2°43'22	15°16	7°21	17°33	13° 6	17°45	24°21	28°30	20°30	20°59	7°33	7°16	4°11	9°39	F 24
S 25	12 7 13	3°42'47	27°46	8°44	18°39	13°28	17°57	24°25	28°34	20°32	21° 1	7°32	7°13	4°18	9°37	S 25
S 26	12 11 10	4°42'10	10° 2	10° 8	19°46	13°49	18° 9	24°29	28°37	20°34	21° 2	7°29	7°10	4°25	9°36	S 26
M27	12 15 6	5°41'32	22° 7	11°35	20°53	14°10	18°21	24°33	28°41	20°35	21° 3	7°23	7° 6	4°31	9°34	M27
T 28	12 19 3	6°40'51	4° 6	13° 2	21°59	14°31	18°33	24°36	28°44	20°37	21° 5	7°14	7° 3	4°38	9°33	T 28
W29	12 22 59	7°40'08	16° 0	14°32	23° 6	14°51	18°45	24°40	28°47	20°39	21° 6	7° 2	7° 0	4°45	9°31	W29
T 30	12 26 56	8°39'24	27°52	16° 2	24°14	15°11	18°56	24°44	28°51	20°41	21° 7	6°48	6°57	4°52	9°30	T 30
F 31	12 30 53	9°38'37	9°44	17°35	25°21	15°31	19° 8	24°47	28°54	20°42	21° 9	6°33	6°54	4°58	9°29	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	7s54	4s59	4n15	14s18	1n36	18s42	2n49	19s53	1n 0	17s30	0s33	21s25	0n10	1s46	0s43	15s10
T 2	7 31	0 1	4 44	14 28	1 22	18 37	2 44	19 59	0 59	17 26	0 33	21 24	0 10	1 45	0 43	15 9
F 3	7 8	4n55	4 59	14 35	1 9	18 32	2 38	20 5	0 59	17 22	0 33	21 23	0 10	1 43	0 43	15 9
S 4	6 46	9 40	5 2	14 41	0 56	18 26	2 32	20 10	0 58	17 19	0 33	21 23	0 10	1 42	0 43	15 8
S 5	6 22	14 3	4 52	14 44	0 43	18 20	2 27	20 16	0 57	17 15	0 33	21 22	0 9	1 41	0 43	15 8
M 6	5 59	17 55	4 29	14 46	0 31	18 14	2 21	20 21	0 56	17 11	0 33	21 21	0 9	1 39	0 43	15 7
T 7	5 36	21 5	3 54	14 46	0 18	18 7	2 16	20 27	0 55	17 7	0 33	21 20	0 9	1 38	0 43	15 6
W 8	5 13	23 22	3 8	14 45	0 7	17 59	2 10	20 32	0 55	17 4	0 33	21 19	0 9	1 37	0 43	15 6
T 9	4 49	24 34	2 12	14 41	0s 5	17 51	2 5	20 37	0 54	17 0	0 34	21 18	0 9	1 35	0 43	15 5
F 10	4 26	24 32	1 8	14 36	0 16	17 42	1 59	20 42	0 53	16 56	0 34	21 18	0 9	1 34	0 43	15 4
S 11	4 2	23 9	0s 1	14 29	0 26	17 33	1 53	20 47	0 52	16 53	0 34	21 17	0 9	1 33	0 43	15 4
S 12	3 39	20 24	1 12	14 21	0 36	17 24	1 48	20 52	0 51	16 49	0 34	21 16	0 9	1 31	0 43	15 3
M13	3 15	16 23	2 21	14 11	0 46	17 14	1 42	20 57	0 50	16 45	0 34	21 15	0 9	1 30	0 43	15 2
T 14	2 52	11 17	3 24	13 59	0 55	17 4	1 37	21 2	0 49	16 42	0 34	21 15	0 9	1 28	0 43	15 2
W15	2 28	5 23	4 14	13 46	1 4	16 53	1 32	21 7	0 48	16 38	0 34	21 14	0 9	1 27	0 43	15 1
T 16	2 4	0s55	4 48	13 32	1 13	16 41	1 26	21 11	0 47	16 34	0 35	21 13	0 9	1 26	0 43	15 1
F 17	1 41	7 12	5 1	13 16	1 20	16 29	1 21	21 16	0 46	16 31	0 35	21 12	0 9	1 24	0 43	15 0
S 18	1 17	13 1	4 52	12 58	1 28	16 17	1 16	21 20	0 45	16 27	0 35	21 12	0 9	1 23	0 43	14 59
S 19	0 53	17 57	4 23	12 39	1 35	16 4	1 10	21 25	0 44	16 24	0 35	21 11	0 9	1 22	0 43	14 59
M20	0 30	21 39	3 38	12 19	1 42	15 51	1 5	21 29	0 43	16 20	0 35	21 10	0 9	1 20	0 43	14 58
T 21	0 6	23 53	2 40	11 57	1 48	15 37	1 0	21 33	0 42	16 16	0 35	21 10	0 8	1 19	0 43	14 58
W22	0n18	24 36	1 35	11 34	1 53	15 23	0 55	21 37	0 41	16 13	0 36	21 9	0 8	1 18	0 43	14 57
T 23	0 41	23 53	0 27	11 9	1 59	15 8	0 50	21 41	0 40	16 9	0 36	21 8	0 8	1 16	0 43	14 56
F 24	1 5	21 55	0n41	10 44	2 3	14 53	0 45	21 45	0 39	16 6	0 36	21 8	0 8	1 15	0 43	14 56
S 25	1 29	18 55	1 45	10 17	2 8	14 37	0 40	21 49	0 37	16 2	0 36	21 7	0 8	1 13	0 43	14 55
S 26	1 52	15 8	2 42	9 48	2 12	14 21	0 35	21 53	0 36	15 59	0 36	21 7	0 8	1 12	0 43	14 55
M27	2 16	10 48	3 32	9 18	2 15	14 4	0 30	21 57	0 35	15 55	0 36	21 6	0 8	1 11	0 43	14 54
T 28	2 39	6 7	4 11	8 47	2 18	13 48	0 25	22 0	0 34	15 52	0 36	21 5	0 8	1 9	0 43	14 54
W29	3 3	1 14	4 40	8 15	2 20	13 30	0 21	22 4	0 32	15 48	0 37	21 5	0 8	1 8	0 43	14 53
T 30	3 26	3n40	4 56	7 42	2 22	13 12	0 16	22 8	0 31	15 45	0 37	21 4	0 8	1 7	0 43	14 53
F 31	3n49	8n26	4n59	7s 7	2s24	12s54	0n11	22s11	0n29	15s41	0s37	21s 4	0n 8	1s 5	0s43	14s52

Julian Day Number = 2394260.5, Delta T = 7.72 sec

Ecliptic obliquity = 23°27'37", Nutation = 0°00'18", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°33'01", Lahiri = 21°40'01"

ASTRODIENST EPHEMERIS for the year 1843  
geocentric

APRIL 1843

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	12 34 49	10°37'37.49	21°37'	19°38' 8	26°28'	15°50'	19°19'	24°35'	28°58'	20°44'	21°10'	6°R19	6°35'	5°Y 5	9°R28	S 1
S 2	12 38 46	11°36'58	3°32'	20°44'	27°36'	16° 9	19°31'	24°54'	29° 1	20°45'	21°12'	6°3 6	6°47'	5°12'	9°Q27	S 2
M 3	12 42 42	12°36'05	15°31'	22°20'	28°44'	16°27'	19°42'	24°57'	29° 4	20°47'	21°13'	5°55'	6°44'	5°18'	9°26'	M 3
T 4	12 46 39	13°35'10	27°36'	23°59'	29°51'	16°45'	19°53'	25° 0	29° 8	20°49'	21°14'	5°47'	6°41'	5°25'	9°26'	T 4
W 5	12 50 35	14°34'13	9°14'	25°38'	0°59'	17° 2	20° 4	25° 3	29°11'	20°50'	21°16'	5°42'	6°38'	5°32'	9°25'	W 5
T 6	12 54 32	15°33'13	22°15'	27°19'	2° 7	17°19'	20°15'	25° 6	29°14'	20°52'	21°17'	5°40'	6°35'	5°39'	9°25'	T 6
F 7	12 58 28	16°32'12	4°57'	29° 2	3°16'	17°36'	20°26'	25° 8	29°18'	20°53'	21°19'	5°D40	6°31'	5°45'	9°24'	F 7
S 8	13 2 25	17°31'08	17°58'	0°46'	4°24'	17°52'	20°37'	25°11'	29°21'	20°55'	21°20'	5°R40	6°28'	5°52'	9°24'	S 8
S 9	13 6 22	18°30'01	1°24'	2°32'	5°32'	18° 8	20°47'	25°14'	29°24'	20°56'	21°21'	5°39'	6°25'	5°59'	9°24'	S 9
M10	13 10 18	19°28'53	15°17'	4°19'	6°41'	18°23'	20°58'	25°16'	29°27'	20°57'	21°23'	5°37'	6°22'	6° 6	9°D24	M10
T 11	13 14 15	20°27'42	29°37'	6° 7	7°49'	18°38'	21° 8	25°19'	29°31'	20°59'	21°24'	5°32'	6°19'	6°12'	9°24'	T 11
W12	13 18 11	21°26'28	14°23'	7°57'	8°58'	18°52'	21°19'	25°21'	29°34'	21° 0	21°26'	5°25'	6°16'	6°19'	9°24'	W12
T 13	13 22 8	22°25'13	29°28'	9°49'	10° 7	19° 5	21°29'	25°23'	29°37'	21° 2	21°27'	5°16'	6°12'	6°26'	9°24'	T 13
F 14	13 26 4	23°23'55	14°24'	11°42'	11°16'	19°19'	21°39'	25°25'	29°40'	21° 3	21°28'	5° 6	6° 9	6°32'	9°25'	F 14
S 15	13 30 1	24°22'33	0°12'	13°37'	12°25'	19°31'	21°49'	25°28'	29°44'	21° 4	21°30'	4°56'	6° 6	6°39'	9°25'	S 15
S 16	13 33 57	25°21'14	15° 7	15°33'	13°34'	19°43'	21°59'	25°30'	29°47'	21° 5	21°31'	4°47'	6° 3	6°46'	9°26'	S 16
M17	13 37 54	26°19'51	29°52'	17°31'	14°43'	19°55'	22° 9	25°31'	29°50'	21° 7	21°33'	4°40'	6° 0	6°53'	9°26'	M17
T 18	13 41 50	27°18'25	14°10'	19°30'	15°52'	20° 6	22°19'	25°33'	29°53'	21° 8	21°34'	4°36'	5°57'	6°59'	9°27'	T 18
W19	13 45 47	28°16'59	27°59'	21°31'	17° 1	20°16'	22°28'	25°35'	29°56'	21° 9	21°35'	4°35'	5°53'	7° 6	9°28'	W19
T 20	13 49 44	29°15'30	11°31'	23°33'	18°11'	20°26'	22°38'	25°37'	29°59'	21°10'	21°37'	4°D35	5°50'	7°13'	9°29'	T 20
F 21	13 53 40	0°14'00	24°13'	25°36'	19°20'	20°35'	22°47'	25°38'	0°Y 2	21°11'	21°38'	4°R35	5°47'	7°20'	9°30'	F 21
S 22	13 57 37	1°12'29	6°45'	27°41'	20°30'	20°44'	22°56'	25°39'	0° 5	21°12'	21°40'	4°35'	5°44'	7°26'	9°31'	S 22
S 23	14 1 33	2°10'55	19° 0	29°47'	21°39'	20°52'	23° 5	25°41'	0° 8	21°13'	21°41'	4°34'	5°41'	7°33'	9°33'	S 23
M24	14 5 30	3° 9'20	1°34'	1°54'	22°49'	20°59'	23°14'	25°42'	0°12'	21°14'	21°42'	4°30'	5°37'	7°40'	9°34'	M24
T 25	14 9 26	4° 7'43	12°59'	4° 2	23°59'	21° 6	23°23'	25°43'	0°14'	21°15'	21°44'	4°24'	5°34'	7°46'	9°36'	T 25
W26	14 13 23	5° 6'05	24°51'	6°10'	25° 9	21°12'	23°32'	25°44'	0°17'	21°16'	21°45'	4°16'	5°31'	7°53'	9°37'	W26
T 27	14 17 19	6° 4'25	6°42'	8°19'	26°19'	21°17'	23°40'	25°45'	0°20'	21°17'	21°47'	4° 6	5°28'	8° 0	9°39'	T 27
F 28	14 21 16	7° 2'43	18°35'	10°28'	27°29'	21°22'	23°49'	25°46'	0°23'	21°18'	21°48'	3°55'	5°25'	8° 7	9°41'	F 28
S 29	14 25 13	8° 1'00	0°31'	12°37'	28°39'	21°26'	23°57'	25°47'	0°26'	21°19'	21°49'	3°44'	5°22'	8°13'	9°43'	S 29
S 30	14 29 9	8°59'15	12°33'	14°46'	29°49'	21°29'	24° 5	25°47'	0°Y29	21°20'	21°51'	3°34'	5°18'	8°Y20	9°Q45	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	decl	lat
S 1	4n13	12n53	4n49	6s31	2s25	12s36	0n 7	22s15	0n28	15s38	0s37	21s 3	0n 8	1s 4	0s43	14s52	0s17	7s19	16s47	23s19	23s17	6n44	11n 1	7s 7									
S 2	4 36	16 52	4 26	5 54	2 25	12 17	0 2	22 18	0 26	15 34	0 37	21 3	0 8	1 3	0 43	14 51	0 17	7 18	16 47	23 19	23 17	6 47	11 2	7 7									
M 3	4 59	20 12	3 52	5 16	2 25	11 58	0s 2	22 21	0 25	15 31	0 38	21 2	0 8	1 1	0 43	14 51	0 17	7 18	16 47	23 20	23 17	6 50	11 3	7 6									
T 4	5 22	22 40	3 6	4 37	2 25	11 38	0 6	22 25	0 23	15 28	0 38	21 2	0 8	1 0	0 43	14 50	0 17	7 17	16 47	23 20	23 17	6 53	11 4	7 5									
W 5	5 45	24 7	2 12	3 56	2 24	11 18	0 11	22 28	0 22	15 24	0 38	21 1	0 8	0 59	0 43	14 50	0 17	7 17	16 47	23 20	23 18	6 55	11 5	7 4									
T 6	6 8	24 24	1 10	3 15	2 23	10 58	0 15	22 31	0 20	15 21	0 38	21 1	0 7	0 57	0 43	14 49	0 17	7 16	16 47	23 20	23 18	6 58	11 6	7 3									
F 7	6 30	23 26	0 4	2 32	2 21	10 37	0 19	22 34	0 19	15 18	0 38	21 0	0 7	0 56	0 43	14 49	0 17	7 15	16 47	23 20	23 18	7 1	11 7	7 3									
S 8	6 53	21 11	1s 5	1 48	2 18	10 16	0 23	22 38	0 17	15 14	0 38	21 0	0 7	0 55	0 43	14 48	0 17	7 15	16 47	23 20	23 18	7 3	11 8	7 2									
S 9	7 15	17 43	2 12	1 4	2 15	9 54	0 27	22 41	0 15	15 11	0 39	20 59	0 7	0 53	0 43	14 48	0 17	7 14	16 47	23 20	23 18	7 6	11 9	7 1									
M10	7 38	13 11	3 13	0 18	2 12	9 33	0 31	22 44	0 13	15 8	0 39	20 59	0 7	0 52	0 43	14 47	0 17	7 14	16 47	23 20	23 18	7 9	11 9	7 0									
T 11	8 0	7 48	4 5	0n29	2 8	9 11	0 35	22 47	0 12	15 5	0 39	20 59	0 7	0 51	0 43	14 47	0 17	7 13	16 47	23 21	23 19	7 11	11 10	6 59									
W12	8 22	1 49	4 42	1 16	2 3	8 48	0 38	22 50	0 10	15 2	0 39	20 58	0 7	0 50	0 43	14 47	0 17	7 13	16 47	23 21	23 19	7 14	11 11	6 59									
T 13	8 44	4s23	5 0	2 5	1 58	8 26	0 42	22 53	0 8	14 59	0 39	20 58	0 7	0 48	0 43	14 46	0 17	7 12	16 47	23 21	23 19	7 17	11 12	6 58									
F 14	9 6	10 23	4 57	2 54	1 53	8 3	0 45	22 56	0 6	14 55	0 40	20 58	0 7	0 47	0 43	14 46	0 17	7 12	16 47	23 22	23 19	7 19	11 12	6 57									
S 15	9 27	15 45	4 33	3 44	1 47	7 40	0 49	22 59	0 4	14 52	0 40	20 57	0 7	0 46	0 43	14 45	0 17	7 11	16 47	23 22	23 19	7 22	11 13	6 56									
S 16	9 49	20 4	3 51	4 35	1 41	7 16	0 52	23 2	0 2	14 49	0 40	20 57	0 7	0 45	0 43	14 45	0 17	7 11	16 47	23 22	23 19	7 25	11 14	6 55									
M17	10 10	22 58	2 53	5 26	1 34	6 53	0 56	23 5	0s 0	14 46	0 40	20 57	0 7	0 43	0 43	14 45	0 17	7 10	16 47	23 23	23 19	7 27	11 14	6 55									
T 18	10 31	24 17	1 46	6 18	1 26	6 29	0 59	23 8	0 2	14 43	0 40	20 56	0 7	0 42	0 43	14 44	0 17	7 10	16 47	23 23	23 20	7 30	11 15	6 54									
W19	10 52	24 2	0 35	7 11	1 18	6 5	1 2	23 11	0 5	14 40	0 40	20 56	0 7	0 41	0 43	14 44	0 17	7 9	16 47	23 23	23 20	7 33	11 15	6 53									
T 20	11 13	22 23	0n36	8 4	1 10	5 40	1 5	23 14	0 7	14 38	0 41	20 56	0 7	0 40	0 43	14 44	0 17	7 9	16 47	23 23	23 20	7 35	11 16	6 52									
F 21	11 34	19 36	1 43	8 57	1 1	5 16	1 8	23 17	0 9	14 35	0 41	20 56	0 6	0 38	0 43	14 43	0 17	7 8	16 47	23 23	23 20	7 38	11 16	6 51									
S 22	11 54	15 59	2 43	9 51	0 52	4 51	1 11	23 19	0 11	14 32	0 41	20 56	0 6	0 37	0 43	14 43	0 17	7 8	16 47	23 23	23 20	7 41	11 17	6 50									
S 23	12 15	11 45	3 34	10 45	0 43	4 26	1 13	23 22	0 14	14 29	0 41	20 55	0 6	0 36	0 43	14 43	0 17	7 7	16 47	23 23	23 20	7 43	11 17	6 50									
M24	12 35	7 9	4 14	11 38	0 33	4 1	1 16	23 25	0 16	14 26	0 42	20 55	0 6	0 35	0 43	14 42	0 17	7 7	16 47	23 23	23 20	7 46	11 18	6 49									
T 25	12 54	2 20	4 43	12 31	0 23	3 36	1 19	23 28	0 19	14 24	0 42	20 55	0 6	0 34	0 43	14 42	0 17	7 7	16 47	23 23	23 21	7 48	11 18	6 48									
W26	13 14	2n32	5 0	13 24	0 12	3 10	1 21	23 31	0 21	14 21	0 42	20 55	0 6	0 32	0 43	14 42	0 17	7 6	16 47	23 23	23 21	7 51	11 19	6 47									
T 27	13 33	7 18	5 4	14 16	0 2	2 45	1 23	23 34	0 24	14 18	0 42	20 55	0 6	0 31	0 43	14 41	0 17	7 6	16 47	23 24	23 21	7 54	11 19	6 46									
F 28	13 53	11 49	4 54	15 7	0n 9	2 19	1 26	23 37	0 26	14 16	0 42	20 55	0 6	0 30	0 43	14 41	0 17	7 5	16 47	23 24	23 21	7 56	11 19	6 46									
S 29	14 12	15 54	4 32	15 57	0 20	1 53	1 28	23 40	0 29	14 13	0 43	20 55	0 6	0 29	0 43	14 41	0 17	7 5	16 47	23 24	23 21	7 59	11 19	6 45									
S 30	14n30	19n23	3n57	16n46	0n30	1s27	1s30	23s43	0s32	14s11	0s43	20s55	0n 6	0s28	0s43	14s41	0s17	7s 5	16s47	23s25	23s21	8n 2	11n20	6s44									

# ASTRODIENST EPHEMERIS for the year 1843

## geocentric

MAY 1843

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	14 33 6	9♂57'28	24♂40	16♂55	0♂59	21♂31	24♂13	25♂48	0♂32	21♂20	21♂52	3°R26	5♂15	8♂27	9♂47	M 1
T 2	14 37 2	10°55'40	6♂56	19° 2	2° 9	21°33	24°21	25°48	0°35	21°21	21°53	3♂20	5°12	8°33	9°49	T 2
W 3	14 40 59	11°53'49	19°21	21° 8	3°19	21°34	24°29	25°48	0°38	21°22	21°55	3°17	5° 9	8°40	9°52	W 3
T 4	14 44 55	12°51'57	1♂57	23°13	4°30	21°R34	24°37	25°49	0°40	21°23	21°56	3°D16	5° 6	8°47	9°54	T 4
F 5	14 48 52	13°50'03	14°47	25°16	5°40	21°34	24°44	25°49	0°43	21°23	21°57	3°17	5° 3	8°54	9°57	F 5
S 6	14 52 48	14°48'07	27°54	27°17	6°50	21°33	24°52	25°R49	0°46	21°24	21°59	3°18	4°59	9° 0	9°59	S 6
S 7	14 56 45	15°46'09	11♂19	29°15	8° 1	21°31	24°59	25°49	0°48	21°25	22° 0	3°R19	4°56	9° 7	10° 2	S 7
M 8	15 0 42	16°44'09	25° 6	1♂11	9°11	21°28	25° 6	25°49	0°51	21°25	22° 1	3°18	4°53	9°14	10° 5	M 8
T 9	15 4 38	17°42'07	9♂14	3° 5	10°22	21°25	25°13	25°48	0°54	21°26	22° 3	3°16	4°50	9°21	10° 8	T 9
W10	15 8 35	18°40'03	23°44	4°55	11°32	21°21	25°20	25°48	0°56	21°26	22° 4	3°13	4°47	9°27	10°11	W10
T 11	15 12 31	19°37'58	8♂30	6°43	12°43	21°16	25°26	25°48	0°59	21°27	22° 5	3° 7	4°43	9°34	10°14	T 11
F 12	15 16 28	20°35'50	23°28	8°27	13°54	21°10	25°33	25°47	1° 1	21°27	22° 6	3° 1	4°40	9°41	10°17	F 12
S 13	15 20 24	21°33'41	8♂28	10° 8	15° 4	21° 4	25°39	25°46	1° 4	21°27	22° 8	2°55	4°37	9°47	10°21	S 13
S 14	15 24 21	22°31'31	23°21	11°46	16°15	20°57	25°45	25°46	1° 6	21°28	22° 9	2°50	4°34	9°54	10°24	S 14
M15	15 28 17	23°29'19	7♂59	13°21	17°26	20°49	25°51	25°45	1° 8	21°28	22°10	2°46	4°31	10° 1	10°28	M15
T 16	15 32 14	24°27'06	22°15	14°52	18°37	20°40	25°57	25°44	1°11	21°28	22°11	2°44	4°28	10° 8	10°31	T 16
W17	15 36 11	25°24'51	6♂ 6	16°19	19°48	20°31	26° 3	25°43	1°13	21°29	22°13	2°D43	4°24	10°14	10°35	W17
T 18	15 40 7	26°22'35	19°31	17°43	20°59	20°21	26° 8	25°42	1°15	21°29	22°14	2°44	4°21	10°21	10°39	T 18
F 19	15 44 4	27°20'18	2♂30	19° 4	22°10	20°10	26°13	25°41	1°18	21°29	22°15	2°46	4°18	10°28	10°43	F 19
S 20	15 48 0	28°18'00	15° 7	20°20	23°21	19°58	26°19	25°39	1°20	21°29	22°16	2°47	4°15	10°35	10°47	S 20
S 21	15 51 57	29°15'41	27°26	21°33	24°32	19°46	26°24	25°38	1°22	21°30	22°17	2°R48	4°12	10°41	10°51	S 21
M22	15 55 53	0♂13'21	9♂32	22°43	25°43	19°33	26°28	25°36	1°24	21°30	22°19	2°47	4° 9	10°48	10°55	M22
T 23	15 59 50	1°11'00	21°28	23°48	26°54	19°20	26°33	25°35	1°26	21°30	22°20	2°46	4° 5	10°55	10°59	T 23
W24	16 3 46	2° 8'38	3♂21	24°50	28° 5	19° 6	26°38	25°33	1°28	21°30	22°21	2°43	4° 2	11° 1	11° 4	W24
T 25	16 7 43	3° 6'14	15°13	25°48	29°17	18°51	26°42	25°31	1°31	21°R30	22°22	2°38	3°59	11° 8	11° 8	T 25
F 26	16 11 40	4° 3'50	27° 8	26°41	0♂28	18°35	26°46	25°30	1°33	21°30	22°23	2°34	3°56	11°15	11°13	F 26
S 27	16 15 36	5° 1'25	9♂ 9	27°31	1°39	18°19	26°50	25°28	1°34	21°30	22°24	2°29	3°53	11°22	11°17	S 27
S 28	16 19 33	5°58'59	21°19	28°17	2°50	18° 3	26°54	25°26	1°36	21°30	22°25	2°24	3°49	11°28	11°22	S 28
M29	16 23 29	6°56'32	3♂38	28°58	4° 2	17°46	26°57	25°24	1°38	21°30	22°26	2°21	3°46	11°35	11°27	M29
T 30	16 27 26	7°54'03	16° 9	29°35	5°13	17°28	27° 1	25°21	1°40	21°29	22°27	2°19	3°43	11°42	11°31	T 30
W31	16 31 22	8♂51'34	28♂51	0♂ 8	6♂25	17♂10	27♂ 4	25♂19	1°42	21°29	22°28	2°D18	3♂40	11°48	11♂36	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	14n49	22n 3	3n12	17n33	0n41	1s 1	1s32	23s46	0s34	14s 8	0s43	20s55	0n 6	0s27	0s43	14s40
T 2	15 7	23 44	2 17	18 19	0 51	0 35	1 34	23 49	0 37	14 6	0 43	20 55	0 6	0 26	0 43	14 40
W 3	15 25	24 16	1 14	19 3	1 1	0 9	1 36	23 52	0 40	14 3	0 43	20 55	0 6	0 25	0 43	14 40
T 4	15 43	23 34	0 7	19 44	1 11	0n18	1 38	23 54	0 43	14 1	0 44	20 55	0 6	0 23	0 43	14 40
F 5	16 0	21 37	1s 2	20 24	1 21	0 44	1 39	23 57	0 46	13 59	0 44	20 55	0 5	0 22	0 43	14 40
S 6	16 18	18 30	2 9	21 1	1 29	1 11	1 41	24 0	0 49	13 56	0 44	20 55	0 5	0 21	0 43	14 39
S 7	16 34	14 21	3 10	21 36	1 38	1 37	1 42	24 3	0 52	13 54	0 44	20 55	0 5	0 20	0 43	14 39
M 8	16 51	9 21	4 3	22 8	1 46	2 3	1 44	24 6	0 55	13 52	0 45	20 55	0 5	0 19	0 43	14 39
T 9	17 8	3 45	4 42	22 38	1 53	2 30	1 45	24 9	0 58	13 50	0 45	20 55	0 5	0 18	0 43	14 39
W10	17 24	2s10	5 4	23 5	1 59	2 57	1 46	24 12	1 2	13 48	0 45	20 55	0 5	0 17	0 43	14 39
T 11	17 39	8 5	5 7	23 30	2 5	3 23	1 47	24 15	1 5	13 46	0 45	20 55	0 5	0 16	0 43	14 39
F 12	17 55	13 36	4 49	23 52	2 10	3 50	1 48	24 18	1 8	13 44	0 46	20 56	0 5	0 15	0 43	14 39
S 13	18 10	18 18	4 12	24 12	2 14	4 16	1 49	24 21	1 11	13 42	0 46	20 56	0 5	0 14	0 43	14 38
S 14	18 25	21 48	3 17	24 29	2 17	4 42	1 50	24 24	1 15	13 40	0 46	20 56	0 5	0 13	0 43	14 38
M15	18 40	23 48	2 10	24 44	2 20	5 9	1 51	24 27	1 18	13 38	0 46	20 56	0 5	0 12	0 43	14 38
T 16	18 54	24 11	0 57	24 57	2 21	5 35	1 51	24 32	1 22	13 37	0 46	20 56	0 5	0 12	0 43	14 38
W17	19 8	23 1	0n18	25 7	2 22	6 1	1 52	24 39	1 25	13 35	0 47	20 57	0 5	0 11	0 43	14 38
T 18	19 22	20 33	1 30	25 15	2 22	6 28	1 52	24 35	1 29	13 33	0 47	20 57	0 4	0 10	0 43	14 38
F 19	19 35	17 6	2 35	25 21	2 21	6 54	1 53	24 38	1 32	13 32	0 47	20 57	0 4	0 9	0 43	14 38
S 20	19 48	12 58	3 30	25 26	2 20	7 20	1 53	24 40	1 36	13 30	0 47	20 58	0 4	0 8	0 43	14 38
S 21	20 1	8 23	4 15	25 28	2 17	7 46	1 53	24 43	1 39	13 29	0 48	20 58	0 4	0 7	0 43	14 38
M22	20 13	3 34	4 47	25 29	2 13	8 11	1 53	24 46	1 43	13 27	0 48	20 58	0 4	0 6	0 44	14 38
T 23	20 25	1n18	5 6	25 28	2 9	8 37	1 53	24 48	1 47	13 26	0 48	20 59	0 4	0 6	0 44	14 38
W24	20 37	6 6	5 12	25 25	2 4	9 2	1 53	24 51	1 50	13 25	0 48	20 59	0 4	0 5	0 44	14 38
T 25	20 48	10 41	5 5	25 21	1 57	9 28	1 53	24 53	1 54	13 23	0 49	20 59	0 4	0 4	0 44	14 38
F 26	20 59	14 52	4 44	25 15	1 50	9 53	1 53	24 55	1 58	13 22	0 49	21 0	0 4	0 3	0 44	14 38
S 27	21 9	18 31	4 11	25 8	1 42	10 18	1 53	24 58	2 1	13 21	0 49	21 0	0 4	0 2	0 44	14 38
S 28	21 19	21 25	3 26	25 0	1 33	10 43	1 52	25 0	2 5	13 20	0 50	21 1	0 4	0 2	0 44	14 38
M29	21 29	23 22	2 31	24 51	1 24	11 7	1 52	25 2	2 9	13 19	0 50	21 1	0 4	0 1	0 44	14 38
T 30	21 39	24 11	1 28	24 40	1 13	11 32	1 51	25 4	2 12	13 18	0 50	21 2	0 4	0 0	0 44	14 38
W31	21n48	23n46	0n19	24n29	1n 2	11n56	1s51	25s 6	2s16	13s17	0s50	21s 2	0n 3	0n 0	0s44	14s38

Julian Day Number = 2394321.5, Delta T = 7.74 sec  
 Ecliptic obliquity = 23°27'36", Nutation = 0°00'16", out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 22°33'09", Lahiri = 21°40'10"



# ASTRODIENST EPHEMERIS for the year 1843

## geocentric

JUNE 1843

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 35 19	9 <sup>II</sup> 49'04	11 <sup>☾</sup> 46	0 <sup>☿</sup> 36	7 <sup>♂</sup> 36	16°R52	27 <sup>♂</sup> 7	25°R17	1 <sup>♂</sup> 44	21°R29	22°V29	2 <sup>♂</sup> 18	3 <sup>♂</sup> 37	11°V55	11 <sup>♂</sup> 41	T 1
F 2	16 39 15	10°46'32	24°54	0°59	8°48	16°♂33	27°10	25 <sup>♂</sup> 14	1°45	21°♂29	22°30	2°19	3°34	12° 2	11°46	F 2
S 3	16 43 12	11°43'59	8 <sup>♂</sup> 16	1°19	9°59	16°14	27°13	25°12	1°47	21°28	22°31	2°21	3°30	12° 9	11°52	S 3
S 4	16 47 9	12°41'25	21°52	1°33	11°11	15°55	27°15	25° 9	1°49	21°28	22°32	2°22	3°27	12°15	11°57	S 4
M 5	16 51 5	13°38'50	5 <sup>♂</sup> 42	1°43	12°22	15°36	27°17	25° 7	1°50	21°28	22°33	2°23	3°24	12°22	12° 2	M 5
T 6	16 55 2	14°36'14	19°46	1°48	13°34	15°16	27°20	25° 4	1°52	21°27	22°34	2°R23	3°21	12°29	12° 7	T 6
W 7	16 58 58	15°33'36	4 <sup>♂</sup> 4	1°R49	14°45	14°56	27°22	25° 1	1°53	21°27	22°35	2°22	3°18	12°36	12°13	W 7
T 8	17 2 55	16°30'57	18°31	1°45	15°57	14°37	27°23	24°58	1°55	21°27	22°36	2°21	3°15	12°42	12°18	T 8
F 9	17 6 51	17°28'18	3 <sup>♂</sup> 4	1°37	17° 9	14°17	27°25	24°55	1°56	21°26	22°37	2°19	3°11	12°49	12°24	F 9
S 10	17 10 48	18°25'37	17°37	1°25	18°21	13°57	27°26	24°52	1°57	21°26	22°38	2°17	3° 8	12°56	12°30	S 10
S 11	17 14 44	19°22'56	2 <sup>♂</sup> 6	1° 9	19°32	13°37	27°27	24°49	1°59	21°25	22°39	2°16	3° 5	13° 2	12°35	S 11
M12	17 18 41	20°20'13	16°24	0°48	20°44	13°17	27°28	24°46	2° 0	21°25	22°40	2°15	3° 2	13° 9	12°41	M12
T 13	17 22 38	21°17'30	0 <sup>♂</sup> 25	0°25	21°56	12°58	27°29	24°42	2° 1	21°24	22°41	2°D15	2°59	13°16	12°47	T 13
W14	17 26 34	22°14'47	14° 7	29 <sup>II</sup> 58	23° 8	12°38	27°30	24°39	2° 2	21°23	22°41	2°15	2°55	13°23	12°53	W14
T 15	17 30 31	23°12'03	27°28	29°29	24°20	12°19	27°30	24°36	2° 4	21°23	22°42	2°15	2°52	13°29	12°59	T 15
F 16	17 34 27	24° 9'18	10 <sup>♂</sup> 27	28°58	25°31	12° 0	27°31	24°32	2° 5	21°22	22°43	2°16	2°49	13°36	13° 5	F 16
S 17	17 38 24	25° 6'34	23° 6	28°25	26°43	11°42	27°R31	24°29	2° 6	21°21	22°44	2°17	2°46	13°43	13°11	S 17
S 18	17 42 20	26° 3'48	5 <sup>♂</sup> 28	27°51	27°55	11°23	27°30	24°25	2° 7	21°21	22°44	2°17	2°43	13°49	13°17	S 18
M19	17 46 17	27° 1'03	17°36	27°17	29° 7	11° 5	27°30	24°22	2° 8	21°20	22°45	2°18	2°40	13°56	13°23	M19
T 20	17 50 14	27°58'17	29°34	26°42	0 <sup>II</sup> 19	10°48	27°30	24°18	2° 8	21°19	22°46	2°R18	2°36	14° 3	13°30	T 20
W21	17 54 10	28°55'31	11°V28	26° 9	1°32	10°31	27°29	24°14	2° 9	21°18	22°47	2°18	2°33	14°10	13°36	W21
T 22	17 58 7	29°52'45	23°21	25°36	2°44	10°14	27°28	24°10	2°10	21°17	22°47	2°18	2°30	14°16	13°42	T 22
F 23	18 2 3	0 <sup>♂</sup> 49'59	5 <sup>♂</sup> 19	25° 6	3°56	9°58	27°27	24° 7	2°11	21°17	22°48	2°17	2°27	14°23	13°49	F 23
S 24	18 6 0	1°47'13	17°24	24°37	5° 8	9°43	27°26	24° 3	2°12	21°16	22°48	2°17	2°24	14°30	13°55	S 24
S 25	18 9 56	2°44'27	29°40	24°12	6°20	9°28	27°24	23°59	2°12	21°15	22°49	2°D17	2°21	14°37	14° 2	S 25
M26	18 13 53	3°41'41	12 <sup>II</sup> 11	23°50	7°32	9°14	27°22	23°55	2°13	21°14	22°50	2°17	2°17	14°43	14° 8	M26
T 27	18 17 49	4°38'55	24°56	23°31	8°45	9° 1	27°20	23°51	2°13	21°13	22°50	2°17	2°14	14°50	14°15	T 27
W28	18 21 46	5°36'08	7 <sup>♂</sup> 58	23°17	9°57	8°48	27°18	23°47	2°14	21°12	22°51	2°R17	2°11	14°57	14°22	W28
T 29	18 25 43	6°33'22	21°16	23° 6	11° 9	8°36	27°16	23°43	2°14	21°11	22°51	2°17	2° 8	15° 3	14°29	T 29
F 30	18 29 39	7 <sup>♂</sup> 30'35	4 <sup>♂</sup> 49	23 <sup>II</sup> 1	12 <sup>II</sup> 22	8°♂24	27°♂14	23 <sup>♂</sup> 38	2°V15	21°♂10	22°V52	2 <sup>♂</sup> 17	2 <sup>♂</sup> 5	15°V10	14 <sup>♂</sup> 35	F 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21n56	22n 5	0s52	24n17	0n49	12n20	1s50	25s 7	2s19	13s16	0s51	21s 3	0n 3	0n 1	0s44	14s38	0s18	6s56	16s53	23s26	23s25	9n24	11n12	6s20			
F 2	22 5	19 11	2 1	24 4	0 36	12 43	1 49	25 9	2 23	13 16	0 51	21 3	0 3	0 2	0 44	14 38	0 18	6 56	16 53	23 26	23 25	9 26	11 11	6 20			
S 3	22 13	15 14	3 5	23 50	0 23	13 7	1 48	25 11	2 27	13 15	0 51	21 4	0 3	0 2	0 44	14 39	0 18	6 56	16 53	23 26	23 25	9 29	11 10	6 19			
S 4	22 20	10 27	4 0	23 35	0 8	13 30	1 47	25 12	2 30	13 14	0 51	21 4	0 3	0 3	0 44	14 39	0 18	6 56	16 54	23 26	23 25	9 32	11 10	6 18			
M 5	22 27	5 3	4 42	23 20	0s 7	13 52	1 46	25 13	2 33	13 14	0 52	21 5	0 3	0 4	0 44	14 39	0 18	6 55	16 54	23 26	23 25	9 34	11 9	6 18			
T 6	22 34	0s40	5 8	23 4	0 22	14 15	1 45	25 15	2 37	13 13	0 52	21 5	0 3	0 4	0 44	14 39	0 18	6 55	16 54	23 26	23 25	9 37	11 8	6 17			
W 7	22 41	6 26	5 15	22 48	0 39	14 37	1 44	25 16	2 40	13 13	0 52	21 6	0 3	0 5	0 44	14 39	0 18	6 55	16 55	23 26	23 25	9 39	11 7	6 16			
T 8	22 47	11 56	5 3	22 32	0 55	14 59	1 43	25 17	2 44	13 13	0 52	21 7	0 3	0 5	0 44	14 39	0 18	6 55	16 55	23 26	23 25	9 42	11 6	6 16			
F 9	22 52	16 47	4 31	22 15	1 12	15 20	1 42	25 18	2 47	13 12	0 53	21 7	0 3	0 6	0 44	14 39	0 18	6 55	16 55	23 26	23 25	9 44	11 5	6 15			
S 10	22 57	20 39	3 42	21 58	1 29	15 42	1 40	25 18	2 50	13 12	0 53	21 8	0 3	0 6	0 44	14 40	0 18	6 55	16 55	23 26	23 25	9 47	11 4	6 15			
S 11	23 2	23 12	2 39	21 41	1 46	16 2	1 39	25 19	2 53	13 12	0 53	21 8	0 3	0 7	0 44	14 40	0 18	6 55	16 56	23 26	23 25	9 49	11 3	6 14			
M12	23 6	24 12	1 27	21 25	2 3	16 23	1 38	25 20	2 56	13 12	0 54	21 9	0 2	0 7	0 44	14 40	0 18	6 55	16 56	23 26	23 25	9 52	11 2	6 13			
T 13	23 10	23 38	0 10	21 8	2 20	16 43	1 36	25 20	2 59	13 12	0 54	21 10	0 2	0 8	0 44	14 40	0 18	6 55	16 56	23 26	23 26	9 54	11 1	6 13			
W14	23 14	21 38	1n 5	20 52	2 36	17 3	1 35	25 20	3 2	13 12	0 54	21 10	0 2	0 8	0 44	14 40	0 18	6 55	16 57	23 26	23 26	9 57	11 0	6 12			
T 15	23 17	18 29	2 15	20 36	2 52	17 22	1 33	25 21	3 5	13 12	0 54	21 11	0 2	0 9	0 44	14 41	0 18	6 55	16 57	23 26	23 26	9 59	10 59	6 12			
F 16	23 20	14 29	3 16	20 20	3 7	17 41	1 31	25 21	3 8	13 12	0 55	21 12	0 2	0 9	0 44	14 41	0 18	6 55	16 57	23 26	23 26	10 2	10 58	6 11			
S 17	23 22	9 57	4 6	20 5	3 22	17 59	1 29	25 21	3 10	13 12	0 55	21 13	0 2	0 9	0 44	14 41	0 18	6 55	16 57	23 26	23 26	10 4	10 57	6 11			
S 18	23 24	5 8	4 43	19 51	3 35	18 17	1 28	25 21	3 13	13 13	0 55	21 13	0 2	0 10	0 44	14 41	0 18	6 55	16 58	23 26	23 26	10 6	10 56	6 10			
M19	23 26	0 12	5 6	19 38	3 48	18 35	1 26	25 21	3 15	13 13	0 55	21 14	0 2	0 10	0 44	14 42	0 18	6 55	16 58	23 26	23 26	10 9	10 55	6 9			
T 20	23 27	4n40	5 16	19 26	3 59	18 52	1 24	25 21	3 18	13 14	0 56	21 15	0 2	0 10	0 44	14 42	0 18	6 55	16 58	23 26	23 26	10 11	10 53	6 9			
W21	23 27	9 20	5 13	19 16	4 9	19 9	1 22	25 21	3 20	13 14	0 56	21 15	0 2	0 11	0 44	14 42	0 18	6 55	16 59	23 26	23 26	10 14	10 52	6 8			
T 22	23 28	13 39	4 56	19 6	4 17	19 25	1 20	25 20	3 22	13 15	0 56	21 16	0 2	0 11	0 45	14 42	0 18	6 55	16 59	23 26	23 26	10 16	10 51	6 8			
F 23	23 27	17 29	4 26	18 58	4 24	19 41	1 18	25 20	3 24	13 15	0 57	21 17	0 2	0 11	0 45	14 43	0 18	6 55	16 59	23 26	23 26	10 19	10 49	6 7			
S 24	23 27	20 37	3 44	18 51	4 30	19 56	1 16	25 20	3 27	13 16	0 57	21 18	0 1	0 11	0 45	14 43	0 19	6 55	17 0	23 26	23 26	10 21	10 48	6 7			
S 25	23 26	22 53	2 51	18 46	4 34	20 10	1 14	25 19	3 28	13 17	0 57	21 18	0 1	0 12	0 45	14 43	0 19	6 55	17 0	23 26	23 26	10 24	10 47	6 6			
M26	23 24	24 5	1 49	18 42	4 37	20 25	1 12	25 19	3 30	13 18	0 57	21 19	0 1	0 12	0 45	14 44	0 19	6 56	17 0	23 26	23 26	10 26	10 45	6 6			
T 27	23 23	24 2	0 41	18 40	4 38	20 38	1 9	25 19	3 32	13 18	0 58	21 20	0 1	0 12	0 45	14 44	0 19	6 56	17 1	23 26	23 26	10 29	10 44	6 5			
W28	23 20	22 42	0s31	18 40	4 38	20 51	1 7	25 18	3 34	13 19	0 58	21 21	0 1	0 12	0 45	14 44	0 19	6 56	17 1	23 26	23 26	10 31	10 43	6 5			
T 29	23 18	20 5	1 43	18 41	4 36	21 4	1 5	25 18	3 35	13 20	0 58	21 22	0 1	0 12	0 45	14 45	0 19	6 56	17 1	23 26	23 27	10 33	10 41	6 4			
F 30	23n15	16n19	2s51	18n44	4s33	21n16	1s 3	25s18	3s37	13s22	0s58	21s22	0n 1	0n13	0s45	14s45	0s19	6s56	17s 2	23s26	23s27	10n36	10n40	6s 4			

ASTRODIENST EPHEMERIS for the year 1843  
geocentric

JULY 1843

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	18 33 36	8♌2748	18♋34	23°D 0	13♊34	8°R14	27°R11	23°R34	2♑15	21°R 9	22♑52	2°R16	2♊1	15♑17	14♌42	S 1
S 2	18 37 32	9°25'00	2♑31	23♊4	14°46	8♌4	27°8	23♊30	2°15	21°8	22°53	2♊15	1°58	15°24	14°49	S 2
M 3	18 41 29	10°22'13	16°36	23°12	15°59	7°55	27°5	23°26	2°16	21°6	22°53	2°15	1°55	15°30	14°56	M 3
T 4	18 45 25	11°19'25	0♌47	23°26	17°11	7°47	27°2	23°22	2°16	21°5	22°54	2°14	1°52	15°37	15°3	T 4
W 5	18 49 22	12°16'36	15°1	23°45	18°24	7°40	26°59	23°17	2°16	21°4	22°54	2°D14	1°49	15°44	15°10	W 5
T 6	18 53 18	13°13'48	29°16	24°9	19°36	7°33	26°55	23°13	2°16	21°3	22°54	2°14	1°46	15°50	15°17	T 6
F 7	18 57 15	14°10'59	13♌28	24°38	20°49	7°28	26°51	23°9	2°16	21°2	22°55	2°15	1°42	15°57	15°25	F 7
S 8	19 1 12	15°8'10	27°36	25°12	22°1	7°23	26°48	23°4	2°R16	21°1	22°55	2°16	1°39	16°4	15°32	S 8
S 9	19 5 8	16°5'22	11♌37	25°51	23°14	7°19	26°43	23°0	2°16	20°59	22°56	2°17	1°36	16°11	15°39	S 9
M10	19 9 5	17°2'33	25°28	26°35	24°27	7°16	26°39	22°56	2°16	20°58	22°56	2°R18	1°33	16°17	15°46	M10
T 11	19 13 1	17°59'44	9♊6	27°24	25°39	7°13	26°35	22°51	2°16	20°57	22°56	2°18	1°30	16°24	15°53	T 11
W12	19 16 58	18°56'56	22°30	28°18	26°52	7°12	26°30	22°47	2°16	20°55	22°56	2°17	1°27	16°31	16°1	W12
T 13	19 20 54	19°54'08	5♌38	29°17	28°5	7°D11	26°26	22°42	2°16	20°54	22°57	2°15	1°23	16°37	16°8	T 13
F 14	19 24 51	20°51'20	18°29	0♌20	29°18	7°12	26°21	22°38	2°15	20°53	22°57	2°13	1°20	16°44	16°16	F 14
S 15	19 28 47	21°48'33	1♌4	1°29	0♌30	7°13	26°16	22°33	2°15	20°51	22°57	2°10	1°17	16°51	16°23	S 15
S 16	19 32 44	22°45'46	13°24	2°41	1°43	7°15	26°10	22°29	2°15	20°50	22°57	2°7	1°14	16°58	16°30	S 16
M17	19 36 41	23°43'00	25°32	3°59	2°56	7°17	26°5	22°25	2°14	20°49	22°57	2°4	1°11	17°4	16°38	M17
T 18	19 40 37	24°40'14	7♑30	5°21	4°9	7°21	26°0	22°20	2°14	20°47	22°58	2°2	1°7	17°11	16°46	T 18
W19	19 44 34	25°37'29	19°24	6°47	5°22	7°25	25°54	22°16	2°13	20°46	22°58	2°1	1°4	17°18	16°53	W19
T 20	19 48 30	26°34'45	1♌17	8°17	6°35	7°30	25°48	22°11	2°13	20°44	22°58	2°D 1	1°1	17°25	17°1	T 20
F 21	19 52 27	27°32'02	13°15	9°52	7°48	7°36	25°42	22°7	2°12	20°43	22°58	2°2	0°58	17°31	17°8	F 21
S 22	19 56 23	28°29'20	25°21	11°30	9°1	7°43	25°36	22°3	2°12	20°41	22°58	2°3	0°55	17°38	17°16	S 22
S 23	20 0 20	29°26'39	7♊41	13°13	10°14	7°50	25°30	21°58	2°11	20°40	22°58	2°5	0°52	17°45	17°24	S 23
M24	20 4 16	0♌23'58	20°18	14°58	11°27	7°59	25°24	21°54	2°10	20°38	22°R58	2°6	0°48	17°51	17°31	M24
T 25	20 8 13	1°21'18	3♌14	16°48	12°40	8°8	25°17	21°49	2°9	20°37	22°58	2°R 7	0°45	17°58	17°39	T 25
W26	20 12 10	2°18'40	16°32	18°40	13°53	8°17	25°11	21°45	2°9	20°35	22°58	2°6	0°42	18°5	17°47	W26
T 27	20 16 6	3°16'02	0♌12	20°35	15°7	8°28	25°4	21°41	2°8	20°34	22°58	2°4	0°39	18°12	17°55	T 27
F 28	20 20 3	4°13'24	14°10	22°32	16°20	8°39	24°57	21°37	2°7	20°32	22°58	2°0	0°36	18°18	18°2	F 28
S 29	20 23 59	5°10'48	28°24	24°31	17°33	8°51	24°50	21°32	2°6	20°31	22°58	1°56	0°33	18°25	18°10	S 29
S 30	20 27 56	6°8'12	12♑47	26°33	18°47	9°4	24°43	21°28	2°5	20°29	22°58	1°51	0°29	18°32	18°18	S 30
M31	20 31 52	7♌5'37	27♑15	28♌35	20°0	9♌17	24°36	21°24	2°Y 4	20°28	22°Y57	1°346	0°26	18°Y38	18♌26	M31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23n11	11n38	3s49	18n48	4s29	21n27	1s 0	25s17	3s38	13s23	0s59	21s23	0n 1	0n13	0s45	14s45	0s19	6s56	17s 2	23s26	23s27	10n38	10n38	6s 4									
S 2	23 7	6 18	4 35	18 53	4 24	21 38	0 58	25 17	3 39	13 24	0 59	21 24	0 1	0 13	0 45	14 46	0 19	6 56	17 2	23 26	23 27	10 41	10 37	6 3									
M 3	23 3	0 37	5 5	19 0	4 17	21 48	0 56	25 17	3 41	13 25	0 59	21 25	0 1	0 13	0 45	14 46	0 19	6 56	17 3	23 26	23 27	10 43	10 35	6 3									
T 4	22 59	5s 9	5 16	19 8	4 10	21 58	0 53	25 16	3 42	13 27	0 59	21 26	0 1	0 13	0 45	14 47	0 19	6 57	17 3	23 26	23 27	10 46	10 33	6 2									
W 5	22 54	10 40	5 9	19 18	4 1	22 7	0 51	25 16	3 43	13 28	1 0	21 26	0 0	0 13	0 45	14 47	0 19	6 57	17 3	23 26	23 27	10 48	10 32	6 2									
T 6	22 48	15 37	4 42	19 28	3 52	22 15	0 48	25 16	3 44	13 29	1 0	21 27	0 0	0 13	0 45	14 47	0 19	6 57	17 4	23 26	23 27	10 50	10 30	6 1									
F 7	22 42	19 41	3 58	19 39	3 42	22 23	0 46	25 16	3 45	13 31	1 0	21 28	0 0	0 13	0 45	14 48	0 19	6 57	17 4	23 26	23 27	10 53	10 28	6 1									
S 8	22 36	22 34	3 0	19 51	3 31	22 30	0 43	25 16	3 46	13 32	1 1	21 29	0 0	0 13	0 45	14 48	0 19	6 57	17 4	23 26	23 27	10 55	10 27	6 1									
S 9	22 29	24 3	1 52	20 4	3 20	22 37	0 41	25 16	3 46	13 34	1 1	21 30	0 0	0 13	0 45	14 49	0 19	6 58	17 5	23 26	23 27	10 58	10 25	6 0									
M10	22 22	24 1	0 38	20 17	3 8	22 43	0 38	25 16	3 47	13 36	1 1	21 31	0 0	0 13	0 45	14 49	0 19	6 58	17 5	23 26	23 27	11 0	10 23	6 0									
T 11	22 15	22 31	0n38	20 30	2 56	22 48	0 36	25 16	3 47	13 38	1 1	21 31	0s 0	0 13	0 45	14 49	0 19	6 58	17 5	23 26	23 27	11 2	10 22	5 59									
W12	22 7	19 47	1 49	20 44	2 43	22 52	0 33	25 17	3 48	13 39	1 2	21 32	0 0	0 13	0 45	14 50	0 19	6 58	17 6	23 26	23 27	11 5	10 20	5 59									
T 13	21 59	16 4	2 54	20 58	2 30	22 56	0 30	25 17	3 48	13 41	1 2	21 33	0 0	0 13	0 45	14 50	0 19	6 58	17 6	23 26	23 27	11 7	10 18	5 59									
F 14	21 50	11 41	3 48	21 11	2 16	23 0	0 28	25 17	3 49	13 43	1 2	21 34	0 0	0 12	0 45	14 51	0 19	6 59	17 6	23 26	23 27	11 10	10 16	5 58									
S 15	21 42	6 54	4 29	21 24	2 3	23 2	0 25	25 18	3 49	13 45	1 2	21 35	0 0	0 12	0 45	14 51	0 19	6 59	17 7	23 27	23 27	11 12	10 14	5 58									
S 16	21 32	1 57	4 58	21 37	1 49	23 4	0 23	25 18	3 49	13 47	1 3	21 35	0 0	0 12	0 45	14 52	0 19	6 59	17 7	23 27	23 27	11 14	10 12	5 58									
M17	21 23	3n 0	5 12	21 49	1 35	23 6	0 20	25 19	3 50	13 49	1 3	21 36	0 1	0 12	0 45	14 52	0 19	6 59	17 7	23 27	23 27	11 17	10 11	5 57									
T 18	21 13	7 46	5 13	22 0	1 21	23 6	0 17	25 20	3 50	13 51	1 3	21 37	0 1	0 12	0 45	14 53	0 19	7 0	17 8	23 27	23 27	11 19	10 9	5 57									
W19	21 2	12 13	5 0	22 10	1 7	23 6	0 15	25 21	3 50	13 53	1 3	21 38	0 1	0 11	0 45	14 53	0 19	7 0	17 8	23 27	23 27	11 21	10 7	5 57									
T 20	20 51	16 13	4 34	22 18	0 54	23 6	0 12	25 21	3 50	13 55	1 3	21 39	0 1	0 11	0 45	14 54	0 19	7 0	17 8	23 27	23 27	11 24	10 5	5 56									
F 21	20 40	19 35	3 57	22 25	0 40	23 4	0 9	25 22	3 50	13 58	1 4	21 39	0 1	0 11	0 46	14 54	0 19	7 1	17 9	23 27	23 27	11 26	10 3	5 56									
S 22	20 29	22 10	3 8	22 31	0 27	23 2	0 7	25 24	3 50	14 0	1 4	21 40	0 1	0 11	0 46	14 54	0 19	7 1	17 9	23 27	23 27	11 29	10 1	5 56									
S 23	20 17	23 45	2 10	22 34	0 14	23 0	0 4	25 25	3 50	14 2	1 4	21 41	0 1	0 10	0 46	14 55	0 19	7 1	17 10	23 27	23 27	11 31	9 59	5 56									
M24	20 5	24 10	1 4	22 36	0 2	22 56	0 2	25 26	3 49	14 5	1 4	21 42	0 1	0 10	0 46	14 55	0 19	7 2	17 10	23 27	23 27	11 33	9 57	5 55									
T 25	19 52	23 19	0s 6	22 35	0n11	22 52	0n 1	25 27	3 49	14 7	1 5	21 43	0 1	0 10	0 46	14 56	0 19	7 2	17 10	23 27	23 27	11 36	9 55	5 55									
W26	19 40	21 9	1 18	22 31	0 22	22 47	0 3	25 28	3 49	14 9	1 5	21 43	0 1	0 9	0 46	14 56	0 19	7 2	17 11	23 27	23 27	11 38	9 53	5 55									
T 27	19 27	17 44	2 27	22 26	0 33	22 42	0 6	25 30	3 49	14 12	1 5	21 44	0 1	0 9	0 46	14 57	0 19	7 3	17 11	23 27	23 27	11 40	9 51	5 55									
F 28	19 13	13 15	3 29	22 17	0 43	22 36	0 9	25 31	3 48	14 14	1 5	21 45	0 2	0 9	0 46	14 57	0 19	7 3	17 11	23 27	23 27	11 43	9 49	5 54									
S 29	18 59	7 59	4 20	22 6	0 53	22 29	0 11	25 33	3 48	14 17	1 5	21 46	0 2	0 8	0 46	14 58	0 19	7 3	17 12	23 27	23 28	11 45	9 46	5 54									
S 30	18 45	2 14	4 54	21 52	1 2	22 22	0 14	25 35	3 48	14 19	1 6	21 46	0 2	0 8	0 46	14 58	0 19	7 4	17 12	23 27	23 28	11 47	9 44	5 54									
M31	18n31	3s39	5s10	21n36	1n10	22n14	0n16	25s36	3s47	14s22	1s 6	21s47	0s 2	0n 7	0s46	14s59	0s19	7s 4	17s12	23s27	23s28	11n50	9n42	5s54									

Julian Day Number = 2394382.5, Delta T = 7.76 sec  
Ecliptic obliquity = 23°27'35, Nutation = 0°00'18, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 22°33'18, Lahiri = 21°40'18



ASTRODIENST EPHEMERIS for the year 1843  
geocentric

AUGUST 1843

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 35 49	8♌ 3'02	11♌42	0♌39	21♌13	9♌31	24°R29	21°R20	2°R 3	20°R26	22°R57	1°R42	0♌23	18°Y45	18♌34	T 1
W 2	20 39 45	9° 0'28	26° 4	2°43	22°27	9°46	24°R22	21°R16	2°Y 2	20°R24	22°Y57	1°R40	0°20	18°52	18°42	W 2
T 3	20 43 42	9°57'55	10♌16	4°48	23°40	10° 2	24°14	21°12	2° 0	20°23	22°57	1°D39	0°17	18°59	18°49	T 3
F 4	20 47 39	10°55'22	24°18	6°53	24°53	10°18	24° 7	21° 7	1°59	20°21	22°57	1°40	0°13	19° 5	18°57	F 4
S 5	20 51 35	11°52'50	8♌ 7	8°58	26° 7	10°35	24° 0	21° 3	1°58	20°20	22°56	1°41	0°10	19°12	19° 5	S 5
S 6	20 55 32	12°50'19	21°45	11° 2	27°21	10°52	23°52	21° 0	1°57	20°18	22°56	1°43	0° 7	19°19	19°13	S 6
M 7	20 59 28	13°47'49	5♌11	13° 6	28°34	11°10	23°44	20°56	1°55	20°16	22°56	1°R43	0° 4	19°25	19°21	M 7
T 8	21 3 25	14°45'20	18°24	15° 9	29°48	11°29	23°37	20°52	1°54	20°15	22°56	1°42	0° 1	19°32	19°29	T 8
W 9	21 7 21	15°42'51	1♌26	17°11	1♌ 1	11°48	23°29	20°48	1°53	20°13	22°55	1°38	29°58	19°39	19°37	W 9
T 10	21 11 18	16°40'24	14°16	19°12	2°15	12° 7	23°21	20°44	1°51	20°12	22°55	1°33	29°54	19°46	19°45	T 10
F 11	21 15 14	17°37'58	26°54	21°12	3°29	12°28	23°14	20°40	1°50	20°10	22°55	1°26	29°51	19°52	19°53	F 11
S 12	21 19 11	18°35'32	9♌19	23°11	4°42	12°49	23° 6	20°37	1°48	20° 8	22°54	1°18	29°48	19°59	20° 1	S 12
S 13	21 23 8	19°33'09	21°33	25° 8	5°56	13°10	22°58	20°33	1°47	20° 7	22°54	1° 9	29°45	20° 6	20° 9	S 13
M14	21 27 4	20°30'46	3°Y37	27° 5	7°10	13°32	22°50	20°30	1°45	20° 5	22°53	1° 1	29°42	20°12	20°17	M14
T 15	21 31 1	21°28'25	15°34	28°59	8°24	13°54	22°42	20°26	1°43	20° 3	22°53	0°54	29°38	20°19	20°25	T 15
W16	21 34 57	22°26'06	27°26	0♌53	9°37	14°17	22°34	20°23	1°42	20° 2	22°52	0°48	29°35	20°26	20°33	W16
T 17	21 38 54	23°23'48	9♌17	2°44	10°51	14°41	22°27	20°19	1°40	20° 0	22°52	0°45	29°32	20°33	20°41	T 17
F 18	21 42 50	24°21'32	21°13	4°35	12° 5	15° 5	22°19	20°16	1°38	19°58	22°51	0°D44	29°29	20°39	20°49	F 18
S 19	21 46 47	25°19'17	3♌17	6°24	13°19	15°29	22°11	20°13	1°36	19°57	22°51	0°44	29°26	20°46	20°57	S 19
S 20	21 50 43	26°17'04	15°36	8°12	14°33	15°54	22° 3	20°10	1°35	19°55	22°50	0°45	29°23	20°53	21° 5	S 20
M21	21 54 40	27°14'53	28°13	9°58	15°47	16°19	21°55	20° 7	1°33	19°54	22°50	0°R46	29°19	20°59	21°13	M21
T 22	21 58 37	28°12'44	11♌14	11°43	17° 1	16°45	21°47	20° 4	1°31	19°52	22°49	0°45	29°16	21° 6	21°21	T 22
W23	22 2 33	29°10'36	24°40	13°27	18°15	17°11	21°40	20° 1	1°29	19°50	22°49	0°43	29°13	21°13	21°29	W23
T 24	22 6 30	0♌ 8'30	8♌32	15° 9	19°29	17°38	21°32	19°58	1°27	19°49	22°48	0°38	29°10	21°20	21°37	T 24
F 25	22 10 26	1° 6'25	22°50	16°50	20°43	18° 5	21°24	19°55	1°25	19°47	22°47	0°31	29° 7	21°26	21°45	F 25
S 26	22 14 23	2° 4'22	7♌27	18°29	21°58	18°33	21°17	19°52	1°23	19°46	22°47	0°22	29° 4	21°33	21°52	S 26
S 27	22 18 19	3° 2'21	22°17	20° 7	23°12	19° 1	21° 9	19°50	1°21	19°44	22°46	0°13	29° 0	21°40	22° 0	S 27
M28	22 22 16	4° 0'21	7♌11	21°44	24°26	19°29	21° 2	19°47	1°19	19°42	22°45	0° 4	28°57	21°46	22° 8	M28
T 29	22 26 12	4°58'22	22° 0	23°20	25°40	19°58	20°54	19°45	1°17	19°41	22°45	29°56	28°54	21°53	22°16	T 29
W30	22 30 9	5°56'25	6♌38	24°54	26°54	20°27	20°47	19°42	1°15	19°39	22°44	29°51	28°51	22° 0	22°24	W30
T 31	22 34 6	6♌54'29	20♌58	26♌28	28♌ 9	20♌57	20°R39	19°R40	1°Y13	19°R38	22°Y43	29°Y48	28°Y48	22°Y 7	22°R32	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	18n16	9s20	5s 6	21n17	1n17	22n 5	0n18	25s38	3s47	14s24	1s 6	21s48	0s 2	0n 7	0s46	15s 0
W 2	18 1 14 28	4 43	20 55	1 23	21 56	0 21	25 40	3 46	14 27	1 6	21 49	0 2	0 6	0 46	15 0	0 19
T 3	17 46	18 45	4 3	20 31	1 29	21 46	0 23	25 41	3 46	14 30	1 6	21 49	0 2	0 6	0 46	15 1
F 4	17 30	21 55	3 9	20 5	1 34	21 35	0 26	25 43	3 45	14 32	1 6	21 50	0 2	0 5	0 46	15 1
S 5	17 14	23 44	2 5	19 36	1 38	21 24	0 28	25 45	3 44	14 35	1 7	21 51	0 2	0 5	0 46	15 2
S 6	16 58	24 6	0 54	19 5	1 41	21 12	0 30	25 47	3 44	14 38	1 7	21 51	0 2	0 4	0 46	15 2
M 7	16 42	23 3	0n19	18 33	1 43	21 0	0 33	25 49	3 43	14 40	1 7	21 52	0 2	0 4	0 46	15 3
T 8	16 25	20 43	1 29	17 58	1 45	20 47	0 35	25 51	3 42	14 43	1 7	21 53	0 2	0 3	0 46	15 3
W 9	16 8	17 21	2 34	17 23	1 46	20 33	0 37	25 53	3 42	14 46	1 7	21 53	0 3	0 3	0 46	15 4
T 10	15 51	13 13	3 29	16 45	1 46	20 19	0 39	25 55	3 41	14 48	1 7	21 54	0 3	0 2	0 46	15 4
F 11	15 34	8 35	4 13	16 7	1 46	20 4	0 42	25 57	3 40	14 51	1 7	21 55	0 3	0 1	0 46	15 5
S 12	15 16	3 41	4 45	15 27	1 44	19 49	0 44	25 59	3 40	14 54	1 8	21 55	0 3	0 1	0 46	15 5
S 13	14 58	1n17	5 2	14 46	1 43	19 33	0 46	26 1	3 39	14 56	1 8	21 56	0 3	0 0	0 46	15 6
M14	14 40	6 7	5 6	14 4	1 41	19 16	0 48	26 3	3 38	14 59	1 8	21 57	0 3	0s 1	0 46	15 6
T 15	14 21	10 41	4 57	13 22	1 38	18 59	0 50	26 5	3 37	15 2	1 8	21 57	0 3	0 1	0 46	15 7
W16	14 3	14 50	4 35	12 39	1 34	18 41	0 52	26 7	3 36	15 4	1 8	21 58	0 3	0 2	0 46	15 7
T 17	13 44	18 24	4 0	11 55	1 31	18 23	0 54	26 9	3 35	15 7	1 8	21 58	0 3	0 3	0 46	15 8
F 18	13 25	21 14	3 16	11 11	1 27	18 4	0 55	26 11	3 34	15 10	1 8	21 59	0 3	0 3	0 46	15 8
S 19	13 6	23 9	2 22	10 26	1 22	17 45	0 57	26 12	3 34	15 12	1 8	22 0	0 3	0 4	0 46	15 9
S 20	12 46	24 1	1 20	9 42	1 17	17 25	0 59	26 14	3 33	15 15	1 8	22 0	0 3	0 5	0 46	15 9
M21	12 26	23 40	0 14	8 57	1 12	17 5	1 1	26 16	3 32	15 18	1 9	22 1	0 4	0 6	0 46	15 10
T 22	12 6	22 4	0s56	8 12	1 6	16 44	1 2	26 18	3 31	15 20	1 9	22 1	0 4	0 6	0 46	15 11
W23	11 46	19 10	2 4	7 26	1 0	16 23	1 4	26 19	3 30	15 23	1 9	22 2	0 4	0 7	0 46	15 11
T 24	11 26	15 8	3 7	6 41	0 54	16 2	1 6	26 21	3 29	15 25	1 9	22 2	0 4	0 8	0 46	15 12
F 25	11 5	10 7	4 1	5 56	0 47	15 39	1 7	26 23	3 28	15 28	1 9	22 3	0 4	0 9	0 46	15 12
S 26	10 45	4 27	4 40	5 11	0 41	15 17	1 9	26 24	3 27	15 31	1 9	22 3	0 4	0 10	0 46	15 13
S 27	10 24	1s32	5 0	4 26	0 34	14 54	1 10	26 25	3 26	15 33	1 9	22 4	0 4	0 10	0 46	15 13
M28	10 3	7 28	5 1	3 41	0 27	14 31	1 11	26 27	3 25	15 35	1 9	22 4	0 4	0 11	0 46	15 14
T 29	9 42	12 55	4 41	2 57	0 19	14 7	1 13	26 28	3 24	15 38	1 9	22 5	0 4	0 12	0 46	15 14
W30	9 20	17 34	4 3	2 12	0 12	13 43	1 14	26 29	3 23	15 40	1 9	22 5	0 4	0 13	0 47	15 15
T 31	8n59	21s 5	3s11	1n28	0n 4	13n18	1n15	26s30	3s22	15s43	1s 9	22s 5	0s 4	0s14	0s47	15s15

Julian Day Number = 2394413.5, Delta T = 7.77 sec  
Ecliptic obliquity = 23°27'35", Nutation = 0°00'18", out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 22°33'22", Lahiri = 21°40'22"

ASTRODIENST EPHEMERIS for the year 1843  
geocentric

SEPTEMBER 1843

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	22 38 2	7♍52°35	5♈0	27♍59	29♍23	21♈26	20°R32	19°R38	1°R11	19°R36	22°R42	29°D47	28♈44	22♍13	22♍40	F 1
S 2	22 41 59	8°50'42	18°42	29°30	0♍37	21°57	20♈25	19♈36	1°R 8	19♈35	22♍42	29♈47	28°41	22°20	22°48	S 2
S 3	22 45 55	9°48'50	2♈6	0♍59	1°52	22°27	20°18	19°34	1°6	19°33	22°41	29°R47	28°38	22°27	22°55	S 3
M 4	22 49 52	10°47'00	15°14	2°27	3°6	22°58	20°11	19°32	1°4	19°32	22°40	29°46	28°35	22°33	23°3	M 4
T 5	22 53 48	11°45'12	28°9	3°54	4°21	23°30	20°4	19°30	1°2	19°30	22°39	29°43	28°32	22°40	23°11	T 5
W 6	22 57 45	12°43'25	10♈51	5°19	5°35	24°1	19°58	19°28	1°0	19°29	22°38	29°37	28°29	22°47	23°19	W 6
T 7	23 1 41	13°41'39	23°23	6°43	6°49	24°33	19°51	19°26	0°57	19°27	22°38	29°29	28°25	22°54	23°27	T 7
F 8	23 5 38	14°39'55	5♈46	8°6	8°4	25°5	19°45	19°25	0°55	19°26	22°37	29°17	28°22	23°0	23°34	F 8
S 9	23 9 35	15°38'13	17°59	9°27	9°18	25°38	19°38	19°23	0°53	19°24	22°36	29°5	28°19	23°7	23°42	S 9
S 10	23 13 31	16°36'33	0♍5	10°47	10°33	26°11	19°32	19°22	0°50	19°23	22°35	28°51	28°16	23°14	23°50	S 10
M 11	23 17 28	17°34'54	12°4	12°6	11°47	26°44	19°26	19°21	0°48	19°22	22°34	28°38	28°13	23°20	23°57	M 11
T 12	23 21 24	18°33'18	23°57	13°22	13°2	27°17	19°20	19°19	0°46	19°20	22°33	28°26	28°10	23°27	24°5	T 12
W 13	23 25 21	19°31'43	5♈47	14°38	14°17	27°51	19°14	19°18	0°43	19°19	22°32	28°17	28°6	23°34	24°12	W 13
T 14	23 29 17	20°30'11	17°37	15°51	15°31	28°25	19°9	19°17	0°41	19°17	22°31	28°11	28°3	23°40	24°20	T 14
F 15	23 33 14	21°28'41	29°31	17°3	16°46	28°59	19°3	19°16	0°39	19°16	22°30	28°7	28°0	23°47	24°28	F 15
S 16	23 37 10	22°27'13	11♈33	18°14	18°0	29°34	18°58	19°15	0°36	19°15	22°29	28°5	27°57	23°54	24°35	S 16
S 17	23 41 7	23°25'47	23°48	19°22	19°15	0♈9	18°53	19°15	0°34	19°14	22°28	28°5	27°54	24°1	24°42	S 17
M 18	23 45 4	24°24'23	6♈22	20°28	20°30	0°44	18°47	19°14	0°32	19°12	22°28	28°5	27°50	24°7	24°50	M 18
T 19	23 49 0	25°23'02	19°19	21°32	21°44	1°19	18°43	19°13	0°29	19°11	22°27	28°4	27°47	24°14	24°57	T 19
W 20	23 52 57	26°21'43	2♍44	22°34	22°59	1°54	18°38	19°13	0°27	19°10	22°26	28°1	27°44	24°21	25°5	W 20
T 21	23 56 53	27°20'26	16°38	23°33	24°14	2°30	18°33	19°13	0°24	19°9	22°24	27°55	27°41	24°27	25°12	T 21
F 22	0 0 50	28°19'11	1♍2	24°30	25°29	3°6	18°29	19°12	0°22	19°7	22°23	27°47	27°38	24°34	25°19	F 22
S 23	0 4 46	29°17'58	15°50	25°23	26°44	3°42	18°25	19°12	0°20	19°6	22°22	27°37	27°35	24°41	25°26	S 23
S 24	0 8 43	0♍16'48	0♍56	26°14	27°58	4°19	18°21	19°D12	0°17	19°5	22°21	27°25	27°31	24°48	25°34	S 24
M 25	0 12 39	1°15'39	16°10	27°1	29°13	4°56	18°17	19°12	0°15	19°4	22°20	27°14	27°28	24°54	25°41	M 25
T 26	0 16 36	2°14'32	1♍19	27°45	0♍28	5°33	18°13	19°12	0°12	19°3	22°19	27°5	27°25	25°1	25°48	T 26
W 27	0 20 32	3°13'27	16°16	28°25	1°43	6°10	18°10	19°12	0°10	19°2	22°18	26°58	27°22	25°8	25°55	W 27
T 28	0 24 29	4°12'24	0♈51	29°0	2°58	6°47	18°6	19°13	0°8	19°1	22°17	26°54	27°19	25°14	26°2	T 28
F 29	0 28 26	5°11'23	15°3	29°31	4°13	7°25	18°3	19°13	0°5	19°0	22°16	26°52	27°15	25°21	26°9	F 29
S 30	0 32 22	6♍10'24	28♈49	29♍57	5♍28	8♈2	18♈0	19♈14	0°Y 3	18♈59	22♍15	26♈52	27♈12	25♍28	26♍16	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8n37	23s15	2s 8	0n45	0s 4	12n53	1n16	26s31	3s21	15s45	1s 9	22s 6	0s 4	0s15	0s47	F 1
S 2	8 16	23 57	0 59	0 1	0 12	12 28	1 17	26 32	3 19	15 47	1 9	22 6	0 5	0 15	0 47	S 2
S 3	7 54	23 14	0n12	0s42	0 20	12 2	1 18	26 33	3 18	15 49	1 9	22 6	0 5	0 16	0 47	S 3
M 4	7 32	21 15	1 21	1 24	0 28	11 36	1 19	26 33	3 17	15 52	1 9	22 7	0 5	0 17	0 47	M 4
T 5	7 10	18 12	2 24	2 6	0 36	11 10	1 20	26 34	3 16	15 54	1 9	22 7	0 5	0 18	0 47	T 5
W 6	6 47	14 20	3 19	2 47	0 44	10 43	1 21	26 34	3 15	15 56	1 9	22 8	0 5	0 19	0 47	W 6
T 7	6 25	9 54	4 4	3 28	0 52	10 16	1 21	26 34	3 14	15 58	1 9	22 8	0 5	0 20	0 47	T 7
F 8	6 3	5 8	4 36	4 9	1 1	9 49	1 22	26 35	3 13	16 0	1 9	22 8	0 5	0 21	0 47	F 8
S 9	5 40	0 14	4 55	4 48	1 9	9 22	1 23	26 35	3 12	16 2	1 9	22 8	0 5	0 22	0 47	S 9
S 10	5 17	4n37	5 0	5 28	1 17	8 54	1 23	26 35	3 10	16 4	1 9	22 9	0 5	0 23	0 47	S 10
M 11	4 55	9 15	4 52	6 6	1 26	8 26	1 24	26 34	3 9	16 6	1 9	22 9	0 5	0 24	0 47	M 11
T 12	4 32	13 30	4 31	6 44	1 34	7 58	1 24	26 34	3 8	16 8	1 9	22 9	0 5	0 25	0 47	T 12
W 13	4 9	17 13	3 59	7 20	1 42	7 30	1 24	26 33	3 7	16 10	1 9	22 9	0 5	0 25	0 47	W 13
T 14	3 46	20 15	3 16	7 56	1 50	7 1	1 25	26 33	3 6	16 11	1 9	22 10	0 5	0 26	0 47	T 14
F 15	3 23	22 25	2 25	8 32	1 58	6 32	1 25	26 32	3 4	16 13	1 9	22 10	0 6	0 27	0 47	F 15
S 16	3 0	23 37	1 26	9 6	2 6	6 3	1 25	26 31	3 3	16 15	1 9	22 10	0 6	0 28	0 47	S 16
S 17	2 17	23 42	0 23	9 39	2 14	5 34	1 25	26 30	3 2	16 16	1 9	22 10	0 6	0 29	0 47	S 17
M 18	2 13	22 35	0s44	10 11	2 22	5 4	1 25	26 28	3 1	16 18	1 9	22 10	0 6	0 30	0 47	M 18
T 19	1 50	20 15	1 50	10 43	2 29	4 35	1 25	26 27	3 0	16 19	1 9	22 11	0 6	0 31	0 47	T 19
W 20	1 27	16 46	2 52	11 13	2 37	4 5	1 25	26 25	2 58	16 21	1 9	22 11	0 6	0 32	0 47	W 20
T 21	1 3	12 16	3 47	11 41	2 44	3 35	1 25	26 23	2 57	16 22	1 9	22 11	0 6	0 33	0 47	T 21
F 22	0 40	6 56	4 29	12 9	2 51	3 6	1 25	26 21	2 56	16 23	1 9	22 11	0 6	0 34	0 47	F 22
S 23	0 17	1 4	4 54	12 35	2 57	2 36	1 24	26 19	2 55	16 25	1 9	22 11	0 6	0 35	0 47	S 23
S 24	0s 7	4s57	5 0	12 59	3 3	2 5	1 24	26 17	2 53	16 26	1 9	22 11	0 6	0 36	0 47	S 24
M 25	0 30	10 44	4 44	13 22	3 9	1 35	1 24	26 14	2 52	16 27	1 8	22 11	0 6	0 37	0 47	M 25
T 26	0 54	15 50	4 9	13 43	3 15	1 5	1 23	26 11	2 51	16 28	1 8	22 11	0 6	0 38	0 47	T 26
W 27	1 17	19 51	3 17	14 2	3 20	0 35	1 23	26 8	2 49	16 29	1 8	22 11	0 6	0 39	0 47	W 27
T 28	1 40	22 31	2 13	14 18	3 24	0 4	1 22	26 5	2 48	16 30	1 8	22 11	0 6	0 40	0 47	T 28
F 29	2 4	23 39	1 2	14 33	3 28	0s26	1 21	26 2	2 47	16 31	1 8	22 11	0 7	0 41	0 47	F 29
S 30	2s27	23s17	0n10	14s45	3s31	0s56	1n20	25s58	2s46	16s32	1s 8	22s11	0s 7	0s42	0s47	S 30

Julian Day Number = 2394444.5, Delta T = 7.78 sec  
Ecliptic obliquity = 23°27'35, Nutation = 0°00'18, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 22°33'26, Lahiri = 21°40'27

ASTRODIENST EPHEMERIS for the year 1843  
geocentric

OCTOBER 1843

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 36 19	7♌ 9'26	12♏11	0♍18	6♊42	8♏40	17♏57	19♏14	0♏R 0	18♏58	22♏14	26♏52	27♏9	25♏34	26♏23	S 1
M 2	0 40 15	8° 8'30	25°12	0°32	7°57	9°18	17°55	19°15	29♏58	18°57	22♏13	26♏51	27° 6	25°41	26°29	M 2
T 3	0 44 12	9° 7'36	7♌56	0°41	9°12	9°57	17°52	19°16	29°56	18°56	22°12	26°48	27° 3	25°48	26°36	T 3
W 4	0 48 8	10° 6'43	20°25	0°R42	10°27	10°35	17°50	19°17	29°53	18°55	22°11	26°42	27° 0	25°55	26°43	W 4
T 5	0 52 5	11° 5'52	2♏44	0°36	11°42	11°14	17°48	19°18	29°51	18°54	22° 9	26°33	26°56	26° 1	26°50	T 5
F 6	0 56 1	12° 5'03	14°54	0°23	12°57	11°53	17°47	19°19	29°49	18°53	22° 8	26°22	26°53	26° 8	26°56	F 6
S 7	0 59 58	13° 4'16	26°57	0° 2	14°12	12°32	17°45	19°20	29°46	18°53	22° 7	26° 9	26°50	26°15	27° 3	S 7
S 8	1 3 55	14° 3'31	8♏55	29♏32	15°27	13°11	17°44	19°22	29°44	18°52	22° 6	25°56	26°47	26°21	27° 9	S 8
M 9	1 7 51	15° 2'49	20°49	28°55	16°42	13°50	17°42	19°23	29°42	18°51	22° 5	25°43	26°44	26°28	27°16	M 9
T 10	1 11 48	16° 2'08	2♏41	28°10	17°57	14°30	17°41	19°25	29°39	18°50	22° 4	25°31	26°41	26°35	27°22	T 10
W 11	1 15 44	17° 1'29	14°31	27°16	19°12	15° 9	17°41	19°26	29°37	18°50	22° 3	25°22	26°37	26°42	27°28	W 11
T 12	1 19 41	18° 0'53	26°22	26°17	20°27	15°49	17°40	19°28	29°35	18°49	22° 1	25°15	26°34	26°48	27°34	T 12
F 13	1 23 37	19° 0'18	8♏18	25°11	21°42	16°29	17°40	19°30	29°33	18°48	22° 0	25°11	26°31	26°55	27°41	F 13
S 14	1 27 34	19°59'46	20°20	24° 1	22°57	17° 9	17°D39	19°32	29°30	18°48	21°59	25°D10	26°28	27° 2	27°47	S 14
S 15	1 31 30	20°59'17	2♏35	22°48	24°12	17°49	17°39	19°34	29°28	18°47	21°58	25°10	26°25	27° 8	27°53	S 15
M 16	1 35 27	21°58'49	15° 6	21°34	25°27	18°29	17°40	19°36	29°26	18°47	21°57	25°11	26°21	27°15	27°59	M 16
T 17	1 39 24	22°58'24	27°59	20°22	26°42	19°10	17°40	19°38	29°24	18°46	21°56	25°R11	26°18	27°22	28° 5	T 17
W 18	1 43 20	23°58'01	11♏16	19°13	27°57	19°51	17°41	19°40	29°22	18°46	21°55	25° 9	26°15	27°28	28°11	W 18
T 19	1 47 17	24°57'41	25° 3	18°10	29°12	20°31	17°42	19°43	29°20	18°45	21°53	25° 6	26°12	27°35	28°16	T 19
F 20	1 51 13	25°57'22	9♏19	17°14	0♍28	21°12	17°43	19°45	29°17	18°45	21°52	25° 0	26° 9	27°42	28°22	F 20
S 21	1 55 10	26°57'06	24° 2	16°27	1°43	21°53	17°44	19°48	29°15	18°45	21°51	24°52	26° 6	27°49	28°28	S 21
S 22	1 59 6	27°56'52	9♏7	15°51	2°58	22°34	17°45	19°50	29°13	18°44	21°50	24°43	26° 2	27°55	28°33	S 22
M 23	2 3 3	28°56'40	24°24	15°25	4°13	23°15	17°47	19°53	29°11	18°44	21°49	24°34	25°59	28° 2	28°39	M 23
T 24	2 6 59	29°56'31	9♏42	15°11	5°28	23°57	17°49	19°56	29° 9	18°44	21°48	24°27	25°56	28° 9	28°44	T 24
W 25	2 10 56	0♍56'23	24°51	15°D 8	6°43	24°38	17°51	19°59	29° 7	18°43	21°47	24°21	25°53	28°15	28°49	W 25
T 26	2 14 53	1°56'17	9♏41	15°16	7°58	25°20	17°53	20° 2	29° 5	18°43	21°46	24°18	25°50	28°22	28°55	T 26
F 27	2 18 49	2°56'13	24° 5	15°35	9°13	26° 1	17°55	20° 5	29° 4	18°43	21°44	24°D17	25°47	28°29	29° 0	F 27
S 28	2 22 46	3°56'10	8♏2	16° 4	10°29	26°43	17°58	20° 8	29° 2	18°43	21°43	24°18	25°43	28°35	29° 5	S 28
S 29	2 26 42	4°56'10	21°31	16°42	11°44	27°25	18° 1	20°11	29° 0	18°43	21°42	24°19	25°40	28°42	29°10	S 29
M 30	2 30 39	5°56'10	4♏36	17°28	12°59	28° 7	18° 4	20°15	28°58	18°43	21°41	24°R20	25°37	28°49	29°15	M 30
T 31	2 34 35	6♍56'12	17♏19	18♏21	14♍14	28♏49	18♏7	20♏18	28♏56	18♏43	21♏40	24♏19	25♏34	28♏56	29♏20	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
S 1	2s51	21s34	1n20	14s54	3s33	1s27	1n20	25s55	2s44	16s32	1s 8	22s11	0s 7	0s43	0s47	15s28
M 2	3 14	18 45	2 24	15 1	3 34	1 57	1 19	25 51	2 43	16 33	1 8	22 11	0 7	0 44	0 47	15 28
T 3	3 37	15 6	3 19	15 4	3 35	2 27	1 18	25 46	2 42	16 34	1 8	22 11	0 7	0 44	0 47	15 28
W 4	4 0	10 51	4 3	15 4	3 34	2 58	1 17	25 42	2 40	16 34	1 8	22 11	0 7	0 45	0 47	15 29
T 5	4 24	6 13	4 36	15 0	3 32	3 28	1 16	25 38	2 39	16 35	1 8	22 11	0 7	0 46	0 47	15 29
F 6	4 47	1 25	4 55	14 52	3 29	3 58	1 15	25 33	2 38	16 35	1 7	22 11	0 7	0 47	0 47	15 29
S 7	5 10	3n23	5 1	14 40	3 24	4 28	1 14	25 28	2 36	16 36	1 7	22 11	0 7	0 48	0 47	15 29
S 8	5 33	8 2	4 53	14 24	3 18	4 58	1 12	25 23	2 35	16 36	1 7	22 11	0 7	0 49	0 47	15 30
M 9	5 56	12 21	4 33	14 3	3 9	5 28	1 11	25 17	2 34	16 36	1 7	22 11	0 7	0 50	0 47	15 30
T 10	6 19	16 11	4 1	13 37	2 59	5 58	1 10	25 12	2 33	16 36	1 7	22 10	0 7	0 51	0 46	15 30
W 11	6 42	19 22	3 18	13 7	2 48	6 28	1 8	25 6	2 31	16 37	1 7	22 10	0 7	0 52	0 46	15 30
T 12	7 4	21 44	2 27	12 32	2 34	6 58	1 7	25 0	2 30	16 37	1 7	22 10	0 7	0 53	0 46	15 30
F 13	7 27	23 10	1 29	11 54	2 19	7 27	1 5	24 54	2 29	16 37	1 7	22 10	0 8	0 54	0 46	15 31
S 14	7 49	23 32	0 26	11 12	2 2	7 56	1 4	24 47	2 27	16 37	1 7	22 10	0 8	0 54	0 46	15 31
S 15	8 12	22 47	0s40	10 28	1 43	8 26	1 2	24 41	2 26	16 36	1 6	22 9	0 8	0 55	0 46	15 31
M 16	8 34	20 52	1 44	9 42	1 34	8 55	1 1	24 34	2 25	16 36	1 6	22 9	0 8	0 56	0 46	15 31
T 17	8 56	17 52	2 46	8 56	1 24	9 23	0 59	24 27	2 23	16 36	1 6	22 9	0 8	0 57	0 46	15 31
W 18	9 18	13 52	3 41	8 11	0 43	9 52	0 57	24 20	2 22	16 36	1 6	22 9	0 8	0 58	0 46	15 32
T 19	9 40	9 2	4 24	7 28	0 22	10 20	0 56	24 12	2 20	16 35	1 6	22 8	0 8	0 59	0 46	15 32
F 20	10 2	2 33	4 54	6 48	0 2	10 48	0 54	24 5	2 19	16 35	1 6	22 8	0 8	0 59	0 46	15 32
S 21	10 24	2s18	5 5	6 12	0n17	11 16	0 52	23 57	2 18	16 34	1 6	22 8	0 8	1 0	0 46	15 32
S 22	10 45	8 8	4 56	5 42	0 36	11 44	0 50	23 49	2 16	16 34	1 6	22 8	0 8	1 1	0 46	15 32
M 23	11 7	13 34	4 25	5 16	0 52	12 11	0 48	23 40	2 15	16 33	1 5	22 7	0 8	1 2	0 46	15 32
T 24	11 28	18 8	3 36	4 57	1 8	12 38	0 46	23 32	2 14	16 33	1 5	22 7	0 8	1 3	0 46	15 32
W 25	11 49	21 27	2 31	4 43	1 21	13 5	0 44	23 23	2 12	16 32	1 5	22 6	0 8	1 3	0 46	15 32
T 26	12 9	23 12	1 18	4 35	1 33	13 31	0 42	23 14	2 11	16 31	1 5	22 6	0 8	1 4	0 46	15 32
F 27	12 30	23 21	0 1	4 33	1 43	13 57	0 40	23 5	2 10	16 30	1 5	22 6	0 8	1 5	0 46	15 32
S 28	12 50	22 0	1n13	4 36	1 51	14 23	0 38	22 56	2 8	16 29	1 5	22 5	0 8	1 5	0 46	15 32
S 29	13 11	19 25	2 21	4 45	1 58	14 48	0 36	22 46	2 7	16 28	1 5	22 5	0 9	1 6	0 46	15 32
M 30	13 31	15 54	3 20	4 57	2 4	15 13	0 33	22 36	2 6	16 27	1 5	22 4	0 9	1 7	0 46	15 32
T 31	13s50	11s44	4n 7	5s14	2n 8	15s38	0n31	22s26	2s 4	16s26	1s 4	22s 4	0s 9	1s 8	0s46	15s32

Julian Day Number = 2394474.5, Delta T = 7.79 sec  
Ecliptic obliquity = 23°27'35", Nutation = 0°00'17", out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 22°33'30", Lahiri = 21°40'31"

ASTRODIENST EPHEMERIS for the year 1843  
geocentric

NOVEMBER 1843

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	2 38 32	7♈56°16	29♈44	19♈22	15♈29	29♈31	18♈10	20♈22	28°R55	18°D43	21°R39	24°R17	25♈31	29♈2	29♈24	W 1
T 2	2 42 28	8°56'22	11♈56	20°28	16°44	0♈14	18°14	20°25	28♈53	18♈43	21°Y38	24♈12	25°27	29°9	29°29	T 2
F 3	2 46 25	9°56'29	23°59	21°39	17°59	0°56	18°18	20°29	28°51	18°43	21°37	24°6	25°24	29°16	29°33	F 3
S 4	2 50 22	10°56'37	5°Y56	22°54	19°15	1°38	18°22	20°33	28°50	18°43	21°36	23°58	25°21	29°22	29°38	S 4
S 5	2 54 18	11°56'47	17°48	24°13	20°30	2°21	18°26	20°37	28°48	18°43	21°35	23°49	25°18	29°29	29°42	S 5
M 6	2 58 15	12°56'59	29°40	25°35	21°45	3°3	18°30	20°41	28°47	18°43	21°33	23°41	25°15	29°36	29°47	M 6
T 7	3 2 11	13°57'13	11♈31	27°0	23°0	3°46	18°35	20°45	28°45	18°43	21°32	23°34	25°12	29°42	29°51	T 7
W 8	3 6 8	14°57'29	23°25	28°27	24°15	4°29	18°39	20°49	28°44	18°44	21°31	23°29	25°8	29°49	29°55	W 8
T 9	3 10 4	15°57'46	5♈22	29°56	25°30	5°11	18°44	20°53	28°42	18°44	21°30	23°25	25°5	29°56	29°59	T 9
F 10	3 14 1	16°58'05	17°25	1♈26	26°45	5°54	18°49	20°57	28°41	18°44	21°29	23°23	25°2	0♈3	0♈3	F 10
S 11	3 17 57	17°58'26	29°36	2°57	28°1	6°37	18°54	21°2	28°40	18°45	21°28	23°D23	24°59	0°9	0°7	S 11
S 12	3 21 54	18°58'49	11♈58	4°30	29°16	7°20	19°0	21°6	28°38	18°45	21°27	23°24	24°56	0°16	0°10	S 12
M13	3 25 51	19°59'14	24°33	6°3	0♈31	8°3	19°5	21°11	28°37	18°45	21°26	23°26	24°52	0°23	0°14	M13
T 14	3 29 47	20°59'40	7♈27	7°37	1°46	8°46	19°11	21°15	28°36	18°46	21°25	23°28	24°49	0°29	0°18	T 14
W15	3 33 44	22°0'09	20°41	9°11	3°1	9°30	19°17	21°20	28°35	18°46	21°24	23°R28	24°46	0°36	0°21	W15
T 16	3 37 40	23°0'39	4♈18	10°46	4°16	10°13	19°23	21°25	28°34	18°47	21°23	23°28	24°43	0°43	0°24	T 16
F 17	3 41 37	24°1'11	18°21	12°20	5°32	10°56	19°29	21°30	28°32	18°47	21°22	23°26	24°40	0°49	0°28	F 17
S 18	3 45 33	25°1'45	2♈47	13°55	6°47	11°39	19°36	21°34	28°31	18°48	21°22	23°23	24°37	0°56	0°31	S 18
S 19	3 49 30	26°2'21	17°35	15°30	8°2	12°23	19°42	21°39	28°30	18°48	21°21	23°19	24°33	1°3	0°34	S 19
M20	3 53 26	27°2'58	2♈37	17°6	9°17	13°6	19°49	21°44	28°29	18°49	21°20	23°15	24°30	1°10	0°37	M20
T 21	3 57 23	28°3'38	17°45	18°41	10°32	13°50	19°56	21°49	28°29	18°50	21°19	23°12	24°27	1°16	0°40	T 21
W22	4 1 20	29°4'18	2♈50	20°16	11°47	14°33	20°3	21°55	28°28	18°51	21°18	23°9	24°24	1°23	0°42	W22
T 23	4 5 16	0♈5'00	17°41	21°51	13°3	15°17	20°10	22°0	28°27	18°51	21°17	23°D8	24°21	1°30	0°45	T 23
F 24	4 9 13	1°5'44	2♈12	23°26	14°18	16°1	20°18	22°5	28°26	18°52	21°16	23°9	24°18	1°36	0°47	F 24
S 25	4 13 9	2°6'28	16°19	25°1	15°33	16°44	20°25	22°10	28°26	18°53	21°15	23°10	24°14	1°43	0°50	S 25
S 26	4 17 6	3°7'14	29°58	26°35	16°48	17°28	20°33	22°16	28°25	18°54	21°15	23°11	24°11	1°50	0°52	S 26
M27	4 21 2	4°8'01	13♈10	28°10	18°3	18°12	20°41	22°21	28°24	18°55	21°14	23°12	24°8	1°56	0°54	M27
T 28	4 24 59	5°8'48	25°59	29°45	19°19	18°56	20°49	22°27	28°24	18°56	21°13	23°13	24°5	2°3	0°56	T 28
W29	4 28 55	6°9'37	8♈27	1♈19	20°34	19°40	20°57	22°32	28°23	18°56	21°12	23°R14	24°2	2°10	0°58	W29
T 30	4 32 52	7♈10'26	20♈40	2♈54	21♈49	20♈23	21♈5	22♈38	28♈23	18♈57	21°Y11	23♈13	23♈58	2♈16	1♈0	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	14s10	7s11	4n41	5s35	2n10	16s 2	0n29	22s16	2s 3	16s25	1s 4	22s 4	0s 9	1s 8	0s46	15s32	0s20	7s46	17s27	23s20	23s23	15n 9	5n56	6s 8	
T 2	14 29	2 27	5 1	5 58	2 12	16 26	0 27	22 6	2 2	16 24	1 4	22 3	0 9	1 9	0 46	15 32	0 20	7 46	17 27	23 20	23 23	15 11	5 54	6 9	
F 3	14 48	2n20	5 8	6 24	2 12	16 49	0 24	21 55	2 0	16 22	1 4	22 3	0 9	1 9	0 46	15 32	0 20	7 46	17 27	23 20	23 23	15 13	5 52	6 9	
S 4	15 7	6 58	5 2	6 53	2 11	17 12	0 22	21 45	1 59	16 21	1 4	22 2	0 9	1 10	0 46	15 32	0 20	7 46	17 27	23 19	23 23	15 15	5 50	6 10	
S 5	15 26	11 20	4 42	7 23	2 10	17 34	0 20	21 34	1 57	16 20	1 4	22 1	0 9	1 11	0 46	15 32	0 20	7 47	17 27	23 19	23 23	15 17	5 48	6 10	
M 6	15 44	15 16	4 10	7 55	2 8	17 56	0 17	21 22	1 56	16 18	1 4	22 1	0 9	1 11	0 46	15 32	0 20	7 47	17 26	23 19	23 22	15 19	5 46	6 11	
T 7	16 2	18 35	3 28	8 28	2 5	18 18	0 15	21 11	1 55	16 17	1 4	22 0	0 9	1 12	0 46	15 32	0 20	7 47	17 26	23 18	23 22	15 21	5 44	6 11	
W 8	16 20	21 9	2 36	9 3	2 1	18 39	0 13	21 0	1 53	16 15	1 3	22 0	0 9	1 12	0 46	15 32	0 20	7 47	17 26	23 18	23 22	15 23	5 42	6 12	
T 9	16 38	22 48	1 37	9 38	1 57	18 59	0 10	20 48	1 52	16 13	1 3	21 59	0 9	1 13	0 46	15 32	0 20	7 48	17 26	23 18	23 22	15 25	5 40	6 12	
F 10	16 55	23 24	0 33	10 13	1 53	19 19	0 8	20 36	1 51	16 12	1 3	21 59	0 9	1 13	0 46	15 32	0 20	7 48	17 26	23 18	23 22	15 26	5 38	6 13	
S 11	17 12	22 54	0s34	10 49	1 48	19 39	0 5	20 24	1 49	16 10	1 3	21 58	0 9	1 14	0 46	15 32	0 20	7 48	17 26	23 18	23 22	15 28	5 37	6 13	
S 12	17 29	21 16	1 40	11 25	1 42	19 58	0 3	20 12	1 48	16 8	1 3	21 57	0 9	1 14	0 46	15 32	0 20	7 48	17 25	23 18	23 22	15 30	5 35	6 14	
M13	17 45	18 34	2 42	12 2	1 37	20 16	0 1	19 59	1 47	16 6	1 3	21 57	0 9	1 15	0 46	15 32	0 20	7 48	17 25	23 18	23 22	15 32	5 33	6 15	
T 14	18 1	14 55	3 38	12 38	1 31	20 34	0s 2	19 46	1 45	16 4	1 3	21 56	0 10	1 15	0 46	15 32	0 20	7 48	17 25	23 18	23 21	15 34	5 31	6 15	
W15	18 17	10 26	4 24	13 14	1 25	20 51	0 4	19 34	1 44	16 2	1 3	21 55	0 10	1 16	0 46	15 31	0 20	7 49	17 25	23 18	23 21	15 36	5 30	6 16	
T 16	18 32	5 20	4 56	13 49	1 18	21 8	0 7	19 21	1 43	16 0	1 2	21 55	0 10	1 16	0 46	15 31	0 20	7 49	17 25	23 18	23 21	15 38	5 28	6 16	
F 17	18 48	0s11	5 12	14 25	1 12	21 24	0 9	19 8	1 41	15 58	1 2	21 54	0 10	1 17	0 45	15 31	0 20	7 49	17 24	23 18	23 21	15 40	5 26	6 17	
S 18	19 2	5 50	5 9	15 0	1 5	21 39	0 12	18 54	1 40	15 56	1 2	21 53	0 10	1 17	0 45	15 31	0 20	7 49	17 24	23 18	23 21	15 42	5 25	6 17	
S 19	19 17	11 18	4 46	15 34	0 58	21 54	0 14	18 41	1 39	15 54	1 2	21 53	0 10	1 17	0 45	15 31	0 20	7 49	17 24	23 17	23 21	15 43	5 23	6 18	
M20	19 31	16 11	4 3	16 8	0 52	22 8	0 17	18 27	1 37	15 52	1 2	21 52	0 10	1 18	0 45	15 30	0 20	7 49	17 24	23 17	23 21	15 45	5 22	6 18	
T 21	19 45	20 3	3 2	16 41	0 45	22 22	0 19	18 13	1 36	15 49	1 2	21 51	0 10	1 18	0 45	15 30	0 20	7 49	17 24	23 17	23 21	15 47	5 20	6 19	
W22	19 58	22 32	1 50	17 13	0 38	22 35	0 22	17 59	1 35	15 47	1 2	21 50	0 10	1 18	0 45	15 30	0 20	7 50	17 23	23 17	23 20	15 49	5 19	6 20	
T 23	20 11	23 23	0 30	17 45	0 31	22 47	0 24	17 45	1 33	15 45	1 2	21 50	0 10	1 19	0 45	15 30	0 20	7 50	17 23	23 17	23 20	15 51	5 17	6 20	
F 24	20 24	22 37	0n50	18 15	0 24	22 58	0 26	17 31	1 32	15 42	1 1	21 49	0 10	1 19	0 45	15 30	0 20	7 50	17 23	23 17	23 20	15 53	5 16	6 21	
S 25	20 36	20 24	2 4	18 45	0 17	23 9	0 29	17 16	1 31	15 40	1 1	21 48	0 10	1 19	0 45	15 29	0 20	7 50	17 23	23 17	23 20	15 55	5 14	6 21	
S 26	20 48	17 5	3 9	19 15	0 10	23 19	0 31	17 2	1 29	15 37	1 1	21 47	0 10	1 19	0 45	15 29	0 20	7 50	17 22	23 17	23 20	15 57	5 13	6 22	
M27	20 59	13 0	4 2	19 43	0 3	23 29	0 34	16 47	1 28	15 35	1 1	21 46	0 10	1 19	0 45	15 29	0 20	7 50	17 22	23 17	23 20	15 58	5 12	6 22	
T 28	21 11	8 27	4 41	20 10	0s 3	23 37	0 36	16 32	1 27	15 32	1 1	21 46	0 10	1 20	0 45	15 28	0 20	7 50	17 22	23 17	23 20	16 0	5 10	6 23	
W29	21 21	3 41	5 6	20 37	0 10	23 45	0 38	16 17	1 25	15 29	1 1	21 45	0 10	1 20	0 45	15 28	0 20	7 50	17 22	23 17	23 19	16 2	5 9	6 24	
T 30	21s32	1n 8	5n16	21s 2	0s17	23s53	0s41	16s 2	1s24	15s26	1s 1	21s44	0s11	1s20	0s45	15s28	0s20	7s50	17s21	23s17	23s19	16n 4	5n 8	6s24	

# ASTRODIENST EPHEMERIS for the year 1843

## geocentric

DECEMBER 1843

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4 36 49	8♂11'16	2♂41	4♂28	23♂ 4	21♂ 7	21♂14	22♂44	28♂R22	18♂58	21♂R11	23♂R12	23♂55	2♂23	1♂ 2	F 1
S 2	4 40 45	9°12'08	14°34	6° 3	24°19	21°51	21°22	22°50	28♂22	18°59	21♂10	23♂10	23°52	2°30	1° 3	S 2
S 3	4 44 42	10°13'00	26°25	7°37	25°34	22°35	21°31	22°55	28°22	19° 1	21° 9	23° 8	23°49	2°37	1° 5	S 3
M 4	4 48 38	11°13'53	8♂16	9°11	26°49	23°19	21°40	23° 1	28°22	19° 2	21° 9	23° 6	23°46	2°43	1° 6	M 4
T 5	4 52 35	12°14'47	20°10	10°45	28° 5	24° 3	21°49	23° 7	28°21	19° 3	21° 8	23° 4	23°43	2°50	1° 8	T 5
W 6	4 56 31	13°15'42	2♂ 9	12°19	29°20	24°47	21°58	23°13	28°21	19° 4	21° 7	23° 3	23°39	2°57	1° 9	W 6
T 7	5 0 28	14°16'38	14°16	13°54	0♂35	25°32	22° 7	23°19	28°21	19° 5	21° 7	23° 2	23°36	3° 3	1°10	T 7
F 8	5 4 24	15°17'35	26°32	15°28	1°50	26°16	22°17	23°25	28♂D21	19° 6	21° 6	23°D 2	23°33	3°10	1°11	F 8
S 9	5 8 21	16°18'32	8♂59	17° 2	3° 5	27° 0	22°26	23°31	28°21	19° 8	21° 6	23° 3	23°30	3°17	1°12	S 9
S 10	5 12 18	17°19'31	21°37	18°37	4°20	27°44	22°36	23°38	28°21	19° 9	21° 5	23° 3	23°27	3°23	1°12	S 10
M11	5 16 14	18°20'31	4♂28	20°11	5°35	28°28	22°46	23°44	28°21	19°10	21° 4	23° 4	23°24	3°30	1°13	M11
T 12	5 20 11	19°21'32	17°33	21°46	6°50	29°12	22°56	23°50	28°21	19°11	21° 4	23° 4	23°20	3°37	1°13	T 12
W13	5 24 7	20°22'33	0♂53	23°20	8° 5	29°56	23° 6	23°56	28°22	19°13	21° 3	23° 4	23°17	3°43	1°14	W13
T 14	5 28 4	21°23'36	14°31	24°55	9°20	0♂40	23°16	24° 3	28°22	19°14	21° 3	23° 5	23°14	3°50	1°14	T 14
F 15	5 32 0	22°24'40	28°25	26°30	10°36	1°25	23°26	24° 9	28°22	19°16	21° 2	23°R 5	23°11	3°57	1°14	F 15
S 16	5 35 57	23°25'44	12♂35	28° 5	11°51	2° 9	23°37	24°15	28°23	19°17	21° 2	23°D 5	23° 8	4° 4	1°R14	S 16
S 17	5 39 53	24°26'50	27° 0	29°40	13° 6	2°53	23°47	24°22	28°23	19°19	21° 1	23° 5	23° 4	4°10	1°14	S 17
M18	5 43 50	25°27'57	11♂37	1♂15	14°21	3°37	23°58	24°28	28°23	19°20	21° 1	23° 5	23° 1	4°17	1°14	M18
T 19	5 47 47	26°29'04	26°19	2°51	15°36	4°22	24° 8	24°35	28°24	19°22	21° 1	23° 5	22°58	4°24	1°14	T 19
W20	5 51 43	27°30'12	11♂ 2	4°26	16°51	5° 6	24°19	24°42	28°25	19°23	21° 0	23° 5	22°55	4°30	1°13	W20
T 21	5 55 40	28°31'21	2♂ 8	6° 2	18° 6	5°50	24°30	24°48	28°25	19°25	21° 0	23°R 6	22°52	4°37	1°13	T 21
F 22	5 59 36	29°32'30	10♂ 1	7°38	19°21	6°34	24°41	24°55	28°26	19°26	21° 0	23° 5	22°49	4°44	1°12	F 22
S 23	6 3 33	0♂33'40	24° 5	9°14	20°36	7°19	24°52	25° 2	28°27	19°28	20°59	23° 5	22°45	4°50	1°11	S 23
S 24	6 7 29	1°34'50	7♂47	10°50	21°51	8° 3	25° 4	25° 8	28°27	19°30	20°59	23° 4	22°42	4°57	1°10	S 24
M25	6 11 26	2°36'00	21° 4	12°26	23° 6	8°47	25°15	25°15	28°28	19°31	20°59	23° 2	22°39	5° 4	1° 9	M25
T 26	6 15 23	3°37'09	3♂59	14° 3	24°21	9°32	25°26	25°22	28°29	19°33	20°59	23° 1	22°36	5°10	1° 8	T 26
W27	6 19 19	4°38'19	16°32	15°39	25°36	10°16	25°38	25°29	28°30	19°35	20°58	23° 0	22°33	5°17	1° 7	W27
T 28	6 23 16	5°39'29	28°48	17°15	26°51	11° 0	25°50	25°35	28°31	19°37	20°58	22°59	22°30	5°24	1° 6	T 28
F 29	6 27 12	6°40'39	10♂51	18°51	28° 6	11°44	26° 1	25°42	28°32	19°38	20°58	22°D59	22°26	5°31	1° 4	F 29
S 30	6 31 9	7°41'48	22°45	20°27	29°21	12°29	26°13	25°49	28°33	19°40	20°58	23° 0	22°23	5°37	1° 3	S 30
S 31	6 35 5	8♂42'58	4♂35	22♂ 3	0♂36	13♂13	26♂25	25♂56	28♂34	19♂42	20♂58	23♂ 1	22♂20	5♂44	1♂ 1	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21s41	5n50	5n12	21s26	0s23	23s59	0s43	15s47	1s23	15s24	1s 1	21s43	0s11	1s20	0s45	15s28	0s20
S 2	21 51	10 16	4 54	21 50	0 30	24 5	0 45	15 31	1 22	15 21	1 1	21 42	0 11	1 20	0 45	15 27	0 20
S 3	22 0	14 18	4 25	22 12	0 36	24 10	0 47	15 16	1 20	15 18	1 0	21 41	0 11	1 20	0 45	15 27	0 20
M 4	22 9	17 48	3 43	22 33	0 43	24 15	0 50	15 0	1 19	15 15	1 0	21 40	0 11	1 20	0 45	15 27	0 20
T 5	22 17	20 34	2 52	22 53	0 49	24 18	0 52	14 44	1 18	15 12	1 0	21 39	0 11	1 20	0 45	15 26	0 20
W 6	22 25	22 28	1 53	23 12	0 55	24 21	0 54	14 28	1 16	15 9	1 0	21 38	0 11	1 20	0 45	15 26	0 20
T 7	22 32	23 20	0 48	23 30	1 1	24 23	0 56	14 12	1 15	15 6	1 0	21 37	0 11	1 20	0 45	15 25	0 20
F 8	22 39	23 5	0s19	23 46	1 6	24 25	0 58	13 56	1 14	15 2	1 0	21 36	0 11	1 20	0 45	15 25	0 20
S 9	22 45	21 42	1 27	24 1	1 12	24 25	1 0	13 40	1 13	14 59	1 0	21 35	0 11	1 20	0 45	15 25	0 20
S 10	22 51	19 13	2 32	24 15	1 17	24 25	1 2	13 23	1 11	14 56	1 0	21 34	0 11	1 20	0 45	15 24	0 20
M 11	22 57	15 45	3 30	24 28	1 23	24 24	1 4	13 7	1 10	14 53	1 0	21 33	0 11	1 20	0 45	15 24	0 20
T 12	23 2	11 29	4 19	24 40	1 28	24 23	1 6	12 50	1 9	14 49	1 0	21 32	0 11	1 20	0 45	15 23	0 20
W 13	23 7	6 35	4 54	24 50	1 32	24 20	1 8	12 33	1 8	14 46	1 0	21 31	0 11	1 20	0 44	15 23	0 20
T 14	23 11	1 16	5 14	24 59	1 37	24 17	1 10	12 17	1 6	14 43	0 59	21 30	0 11	1 20	0 44	15 23	0 20
F 15	23 15	4s12	5 16	25 6	1 41	24 13	1 12	12 0	1 5	14 39	0 59	21 29	0 11	1 20	0 44	15 22	0 20
S 16	23 18	9 34	4 59	25 12	1 45	24 9	1 13	11 43	1 4	14 36	0 59	21 28	0 12	1 19	0 44	15 22	0 20
S 17	23 21	14 31	4 24	25 17	1 49	24 3	1 15	11 26	1 3	14 32	0 59	21 27	0 12	1 19	0 44	15 21	0 20
M 18	23 23	18 40	3 31	25 20	1 53	23 57	1 17	11 8	1 1	14 28	0 59	21 26	0 12	1 19	0 44	15 21	0 20
T 19	23 25	21 40	2 23	25 22	1 56	23 51	1 18	10 51	1 0	14 25	0 59	21 25	0 12	1 19	0 44	15 20	0 20
W 20	23 26	23 13	1 6	25 22	1 59	23 43	1 20	10 34	0 59	14 21	0 59	21 24	0 12	1 19	0 44	15 20	0 20
T 21	23 27	23 9	0n14	25 21	2 2	23 35	1 21	10 16	0 58	14 17	0 59	21 23	0 12	1 18	0 44	15 19	0 20
F 22	23 28	21 33	1 33	25 18	2 4	23 26	1 23	9 59	0 57	14 14	0 59	21 22	0 12	1 18	0 44	15 19	0 20
S 23	23 27	18 37	2 44	25 14	2 6	23 16	1 24	9 41	0 55	14 10	0 59	21 20	0 12	1 18	0 44	15 18	0 20
S 24	23 27	14 44	3 43	25 9	2 8	23 5	1 25	9 24	0 54	14 6	0 59	21 19	0 12	1 17	0 44	15 18	0 20
M 25	23 26	10 14	4 29	25 1	2 9	22 54	1 27	9 6	0 53	14 2	0 59	21 18	0 12	1 17	0 44	15 17	0 20
T 26	23 25	5 24	5 0	24 52	2 10	22 42	1 28	8 48	0 52	13 58	0 58	21 17	0 12	1 16	0 44	15 17	0 20
W 27	23 23	0 29	5 15	24 42	2 11	22 30	1 29	8 30	0 51	13 54	0 58	21 16	0 12	1 16	0 44	15 16	0 20
T 28	23 20	4n21	5 15	24 30	2 11	22 17	1 30	8 13	0 49	13 50	0 58	21 15	0 12	1 16	0 44	15 16	0 20
F 29	23 17	8 55	5 2	24 17	2 10	22 3	1 31	7 55	0 48	13 46	0 58	21 13	0 12	1 15	0 44	15 15	0 20
S 30	23 14	13 6	4 35	24 2	2 9	21 48	1 32	7 37	0 47	13 42	0 58	21 12	0 12	1 15	0 44	15 15	0 20
S 31	23s10	16n47	3n57	23s45	2s 7	21s33	1s33	7s19	0s46	13s38	0s58	21s11	0s13	1s14	0s44	15s14	0s20

Julian Day Number = 2394535.5, Delta T = 7.81 sec  
 Ecliptic obliquity = 23°27'33, Nutation = 0°00'16, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 22°33'39, Lahiri = 21°40'39