



# Astrodienst Ephemeris Tables for the year 1475

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 1475

## geocentric

JANUARY 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	7 16 0	19°30'57	23°11' 7	3°48' 8	5°46' 46	28°17' 17	19°28' 28	20°R31	13°M41	22°M 0	21°R52	18°R26	18°11'39	22°11'17	22°11'42	S 1
M 2	7 19 57	20°32'03	5°M43	4°46' 6	6°52' 29	29° 4' 19	42°20'26	13°43' 22	2° 1' 21	°52'18	18°26'18	18°35' 22	2°23' 22	2°46' 22	46' 22	M 2
T 3	7 23 53	21°33'10	18°44' 6	6°23' 7	7°57' 29	51°19'56	20°21' 13	45' 22	3' 21	°51'18	18°24'18	18°32' 22	2°30' 22	2°49' 22	49' 22	T 3
W 4	7 27 50	22°34'16	2°13' 7	7°59' 9	2° 2' 0	°39'20	10°20'16	13°47' 22	4' 21	°51'18	18°19'18	18°29' 22	2°37' 22	2°53' 22	53' 22	W 4
T 5	7 31 46	23°35'22	16°12' 9	9°33' 10	1°26' 20	24°20'11	13°49' 22	5' 21	°50'18	18°12'18	18°26' 22	2°44' 22	2°57' 22	57' 22	57' 22	T 5
F 6	7 35 43	24°36'27	0°340	11° 5' 11	1°12' 2	13°20'38	20° 6' 13	51' 22	7' 21	°49'18	18° 2'18	18°23' 22	2°50' 23	0' 23	0' 23	F 6
S 7	7 39 39	25°37'32	15°32' 12	35' 12	1°16' 3	° 20'52	20° 1' 13	53' 22	8' 21	°49'17	18°20'18	22°57' 23	4' 23	4' 23	4' 23	S 7
S 8	7 43 36	26°38'36	0°40	14° 1' 13	3°20' 3	48' 21	° 7'19	56' 13	°54' 22	° 21	°48'17	18°16'18	23° 4' 23	8' 23	8' 23	S 8
M 9	7 47 32	27°39'38	15°53' 15	2°5' 14	4°35' 21	21°21' 19	51°13'56	22°10' 21	°47'17	28°18	18°13'18	23°10' 23	1°2' 23	1°2' 23	1°2' 23	M 9
T 10	7 51 29	28°40'40	1°11' 0	16°44' 15	2°27' 5	23°21'35	19°47' 13	58' 22	12' 21	°46'17	19°18'10	23°17' 23	1°17' 23	1°17' 23	1°17' 23	T 10
W 11	7 55 26	29°41'41	15°52' 17	58' 16	3°10' 6	1°21'49	19°42' 13	59' 22	13' 21	°45'17	18° 7'18	23°24' 23	2°20' 23	2°20' 23	2°20' 23	W 11
T 12	7 59 22	0°42'41	0°122	19° 6' 17	3°33' 6	6°57' 22	° 3'19	37' 14	° 1' 22	°14'21	18° 4'18	23°30' 23	2°27' 23	2°27' 23	2°27' 23	T 12
F 13	8 3 19	1°43'39	14°29' 20	8' 18	3°35' 7	45' 22	17°19'32	14° 2' 22	°15' 21	°44'17	18° 0'18	23°37' 23	2°27' 23	2°27' 23	2°27' 23	F 13
S 14	8 7 15	2°44'36	28°10' 21	° 3' 19	3°37' 8	8°32' 22	31°19'27	14° 4' 22	°16' 21	°43'17	18°10'17	23°44' 23	3°31' 23	3°31' 23	3°31' 23	S 14
S 15	8 11 12	3°45'31	11°18'29	21°50' 20	3°39' 9	2°22'45	19°23' 14	° 5' 22	°17' 21	°42'17	17° 9'17	23°51' 23	3°35' 23	3°35' 23	3°35' 23	S 15
M 16	8 15 8	4°46'26	24°28' 22	2°28' 21	4°10' 7	2°22'59	19°18' 14	° 6' 22	°18' 21	°41'17	17° 8'17	23°57' 23	3°39' 23	3°39' 23	3°39' 23	M 16
T 17	8 19 5	5°47'19	7°11' 22	°56' 22	4°10'54	23°13' 19	13' 14	° 8' 22	°19' 21	°40'17	17° 4'17	24° 4' 23	4°3' 23	4°3' 23	4°3' 23	T 17
W 18	8 23 1	6°48'10	19°40' 23	14' 23	1°42' 23	2°27'19	9' 14	° 9' 22	°20' 21	°39'16	16°57'17	24°11' 23	4°11' 23	4°11' 23	4°11' 23	W 18
T 19	8 26 58	7°49'01	1°59'23	°R22' 23	4°12'29	23°41' 12	29°19' 4	1°10'22	°21' 21	°38'16	16°47'17	24°17' 23	5°1' 23	5°1' 23	5°1' 23	T 19
F 20	8 30 55	8°49'49	14° 9' 23	1°18' 25	4°13'17	23°55' 18	59°14'11	22°22' 21	°37'16	°35'17	17°38'24	24°24' 23	5°5' 23	5°5' 23	5°5' 23	F 20
S 21	8 34 51	9°50'37	26°13' 23	° 4' 26	3°39' 14	° 4' 24	° 9'18	55' 14	°12' 22	°22' 21	°36'16	22° 17	35' 24	3°5' 23	3°5' 23	S 21
S 22	8 38 48	10°51'23	8°11' 22	3°39' 27	4°51' 24	°23' 18	°51' 14	°13' 22	°23' 21	°34'16	16° 9'17	23°32' 24	°3' 24	°3' 24	°3' 24	S 22
M 23	8 42 44	11°52'08	20° 4' 22	° 3' 28	3°35' 15	°39' 24	°37' 18	46' 14	°24' 21	°33'15	15°57'17	24°44' 24	°7' 24	°7' 24	°7' 24	M 23
T 24	8 46 41	12°52'51	1°11' 21	°18' 29	3°26' 16	°26' 24	°50' 18	42' 14	°15' 22	°25' 21	°32'15	15°47'17	24°51' 24	1°11' 24	1°11' 24	T 24
W 25	8 50 37	13°53'33	13°45' 20	°25' 0	°29'17	1°17'25	° 4' 18	38' 14	°16' 22	°25' 21	°31'15	15°39'17	24°57' 24	1°16' 24	1°16' 24	W 25
T 26	8 54 34	14°54'14	25°35' 19	°25' 1	°25' 18	°18' 25	°18' 14	°17' 22	°26' 21	°30'15	15°34'17	25° 4' 24	2°20' 24	2°20' 24	2°20' 24	T 26
F 27	8 58 30	15°54'54	7°13'30	18°20' 2	°21' 18	°49' 25	°32' 18	°29' 14	°17' 22	°27' 21	°29'15	15°32'17	25°11' 24	2°24' 24	2°24' 24	F 27
S 28	9 2 27	16°55'32	19°33' 17	°12' 3	1°16' 19	°36' 25	°45' 18	°25' 14	°18' 22	°27' 21	°27'15	15°D32'17	25°18' 24	2°28' 24	2°28' 24	S 28
S 29	9 6 24	17°56'09	1°M49	16° 2' 4	1°10' 20	2°24' 25	°59' 18	°21' 14	°19' 22	°28' 21	°26'15	15°33'17	25°24' 24	3°32' 24	3°32' 24	S 29
M 30	9 10 20	18°56'45	14°21' 14	°53' 5	° 3' 21	°11' 26	°13' 18	°17' 14	°19' 22	°28' 21	°25'15	15°R34'17	°6' 25	°31' 24	°36' 24	M 30
T 31	9 14 17	19°57'20	27°M16	13°46' 5	°56' 5	°58' 21	°26' 26	°14' 18	°20' 22	°29' 21	°23'15	17°11'3	25°138'25	24°40'24	24°40'24	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
S 1	22s 5	8s38	0n25	21s15	1s47	10s12	0s51	21s37	1s 4	22s22	0s17	22n 0	0n 4	15s38	0n23	16s39	1n44	17n59	16n 7	7s15	7s19	10n 4	8s31	5n47			
M 2	21 56	12 3	1 30	20 46	1 42	9 44	0 46	21 27	1 5	22 20	0 17	22 1	0 4	15 38	0 23	16 39	1 44	17 59	16 7	7 15	7 18	10 2	8 30	5 47			
T 3	21 46	15 0	2 33	20 16	1 36	9 15	0 42	21 17	1 5	22 18	0 17	22 2	0 4	15 39	0 23	16 39	1 44	18 0	16 8	7 14	7 17	10 1	8 29	5 46			
W 4	21 37	17 14	3 29	19 45	1 29	8 46	0 37	21 7	1 5	22 16	0 17	22 3	0 4	15 39	0 23	16 40	1 44	18 1	16 8	7 12	7 16	9 59	8 28	5 46			
T 5	21 26	18 33	4 15	19 13	1 21	8 17	0 32	20 57	1 5	22 14	0 17	22 3	0 4	15 40	0 23	16 40	1 44	18 1	16 9	7 9	7 15	9 57	8 27	5 46			
F 6	21 16	18 43	4 47	18 39	1 13	7 48	0 27	20 46	1 5	22 12	0 17	22 4	0 5	15 40	0 23	16 40	1 44	18 2	16 9	7 6	7 13	9 56	8 26	5 46			
S 7	21 5	17 38	5 0	18 5	1 3	7 19	0 22	20 36	1 5	22 10	0 17	22 5	0 5	15 41	0 23	16 40	1 44	18 3	16 10	7 1	7 12	9 54	8 25	5 46			
S 8	20 53	15 18	4 53	17 31	0 53	6 49	0 17	20 24	1 5	22 8	0 17	22 6	0 5	15 41	0 23	16 41	1 44	18 4	16 10	6 57	7 11	9 52	8 24	5 45			
M 9	20 41	11 54	4 25	16 56	0 42	6 20	0 11	20 13	1 5	22 6	0 17	22 7	0 5	15 42	0 23	16 41	1 44	18 4	16 11	6 52	7 10	9 50	8 23	5 45			
T 10	20 29	7 45	3 38	16 21	0 30	5 50	0 6	20 2	1 5	22 3	0 17	22 8	0 5	15 42	0 23	16 41	1 44	18 5	16 11	6 49	7 9	9 49	8 22	5 45			
W 11	20 16	3 10	2 38	15 46	0 17	5 20	0 0	19 50	1 5	22 1	0 18	22 8	0 5	15 43	0 23	16 41	1 44	18 6	16 12	6 47	7 7	9 47	8 21	5 45			
T 12	20 3	1n29	1 28	15 11	0 3	4 51	0n 6	19 38	1 5	21 59	0 18	22 9	0 5	15 43	0 23	16 42	1 44	18 7	16 12	6 46	7 6	9 45	8 20	5 45			
F 13	19 50	5 56	0 14	14 38	0n11	4 21	0 11	19 26	1 5	21 57	0 18	22 10	0 5	15 44	0 23	16 42	1 44	18 7	16 12	6 45	7 5	9 44	8 19	5 45			
S 14	19 36	9 57	0s58	14 6	0 27	3 51	0 17	19 14	1 5	21 55	0 18	22 11	0 5	15 44	0 23	16 42	1 45	18 8	16 13	6 45	7 4	9 42	8 18	5 44			
S 15	19 22	13 20	2 5	13 36	0 43	3 22	0 23	19 1	1 5	21 53	0 18	22 12	0 6	15 45	0 23	16 42	1 45	18 9	16 13	6 45	7 3	9 40	8 16	5 44			
M 16	19 7	15 58	3 4	13 8	0 59	2 52	0 30	18 48	1 5	21 50	0 18	22 12	0 6	15 45	0 23	16 43	1 45	18 10	16 14	6 45	7 1	9 39	8 15	5 44			
T 17	18 53	17 45	3 53	12 43	1 16	2 22	0 36	18 35	1 5	21 48	0 18	22 13	0 6	15 45	0 23	16 43	1 45	18 11	16 14	6 43	7 0	9 37	8 14	5 44			
W 18	18 37	18 38	4 29	12 20	1 33	1 52	0 42	18 22	1 5	21 46	0 18	22 14	0 6	15 46	0 23	16 43	1 45	18 11	16 15	6 40	6 59	9 35	8 13	5 44			
T 19	18 22	18 37	4 52	12 2	1 51	1 23	0 49	18 9	1 5	21 43	0 18	22 15	0 6	15 46	0 23	16 43	1 45	18 12	16 15	6 37	6 58	9 34	8 12	5 44			
F 20	18 6	17 45	5 2	11 47	2 8	0 53	0 55	17 55	1 5	21 41	0 19	22 15	0 6	15 46	0 23	16 43	1 45	18 13	16 16	6 32	6 56	9 32	8 11	5 43			
S 21	17 50	16 6	4 58	11 36	2 24	0 23	1 2	17 41	1 5	21 39	0 19	22 16	0 6	15 47	0 23	16 43	1 45	18 14	16 16	6 27	6 55	9 30	8 9	5 43			
S 22	17 33	13 45	4 40	11 29	2 40	0n 6	1 9	17 27	1 5	21 37	0 19	22 17	0 6	15 47	0 23	16 44	1 45	18 15	16 16	6 22	6 54	9 28	8 8	5 43			
M 23	17 17	10 52	4 11	11 27	2 55	0 35	1 16	17 13	1 5	21 34	0 19	22 17	0 6	15 47	0 23	16 44	1 45	18 15	16 17	6 18	6 53	9 27	8 7	5 43			
T 24	17 0	7 32	3 31	11 28	3 8	1 5	1 23	16 59	1 5	21 32	0 19	22 18	0 6	15 47	0 23	16 44	1 45	18 16	16 17	6 14	6 52	9 25	8 6	5 43			
W 25	16 42	3 56	2 41	11 34	3 19	1 34	1 30	16 45	1 5	21 29	0 19	22 19	0 7	15 48	0 23	16 44	1 45	18 17	16 18	6 11	6 50	9 23	8 5	5 43			
T 26	16 25	0 10	1 45	11 44	3 29	2 3	1 37	16 30	1 5	21 27	0 19	22 20	0 7	15 48	0 23	16 44	1 45	18 18	16 18	6 9	6 49	9 22	8 3	5 43			
F 27	16 7	3s38	0 43	11 57	3 36	2 32	1 44	16 15	1 5	21 25	0 19	22 20	0 7	15 48	0 23	16 44	1 45	18 19	16 18	6 8	6 48	9 20	8 2	5 43			
S 28	15 48	7 20	0n22	12 12	3 41	3 0	1 52	16 0	1 5	21 22	0 19	22 21	0 7	15 48	0 23	16 44	1 45	18 20	16 19	6 8	6 47	9 18	8 1	5 43			
S 29	15 30	10 47	1 26	12 31	3 44	3 29	1 59	15 45	1 4	21 20	0 20	22 21	0 7	15 48	0 23	16 44	1 45	18 20	16 19	6 8	6 45	9 17	8 0	5 42			
M 30	15 11	13 50	2 28	12 50	3 44	3 27	2 7	15 30	1 4	21 17	0 20	22 22	0 7	15 49	0 23	16 44	1 45	18 21	16 19	6 8	6 44	9 15	7 58	5 42			
T 31	14s52	16s17	3n25	13s11	3n42	4n25	2n14	15s14	1s 4	21s15	0s20	22n23	0n 7	15s49	0n23	16s44	1n45	18n22	16n20	6s 8	6s43	9n13	7s57	5n42			

# ASTRODIENST EPHEMERIS for the year 1475

## geocentric

FEBRUARY 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	9 18 13	20 <sup>57</sup> 54	10 <sup>37</sup> 37	12 <sup>43</sup> R43	6 <sup>49</sup> Y49	22 <sup>46</sup> 46	26 <sup>40</sup> 40	18 <sup>10</sup> R10	14 <sup>20</sup> M20	22 <sup>29</sup> M29	21 <sup>22</sup> R22	15 <sup>31</sup> R31	17 <sup>0</sup> 0	25 <sup>44</sup> 44	24 <sup>44</sup> 44	W 1
T 2	9 22 10	21 <sup>58</sup> 26	24 <sup>27</sup> 27	11 <sup>45</sup> 45	7 <sup>40</sup> 40	23 <sup>33</sup> 33	26 <sup>53</sup> 53	18 <sup>06</sup> 6	14 <sup>20</sup> 20	22 <sup>30</sup> 30	21 <sup>21</sup> M21	15 <sup>27</sup> 27	16 <sup>57</sup> 57	25 <sup>51</sup> 51	24 <sup>48</sup> 48	T 2
F 3	9 26 6	22 <sup>58</sup> 57	8 <sup>37</sup> 37	10 <sup>53</sup> 53	8 <sup>31</sup> 31	24 <sup>21</sup> 21	27 <sup>7</sup> 7	18 <sup>2</sup> 2	14 <sup>21</sup> 21	22 <sup>30</sup> 30	21 <sup>19</sup> 19	15 <sup>21</sup> 21	16 <sup>54</sup> 54	25 <sup>58</sup> 58	24 <sup>53</sup> 53	F 3
S 4	9 30 3	23 <sup>59</sup> 27	23 <sup>33</sup> 33	10 <sup>7</sup> 7	9 <sup>21</sup> 21	25 <sup>8</sup> 8	27 <sup>20</sup> 20	17 <sup>59</sup> 59	14 <sup>21</sup> 21	22 <sup>30</sup> 30	21 <sup>18</sup> 18	15 <sup>14</sup> 14	16 <sup>51</sup> 51	26 <sup>4</sup> 4	24 <sup>57</sup> 57	S 4
S 5	9 33 59	24 <sup>59</sup> 55	8 <sup>40</sup> 40	9 <sup>29</sup> 29	10 <sup>10</sup> 10	25 <sup>56</sup> 56	27 <sup>34</sup> 34	17 <sup>56</sup> 56	14 <sup>21</sup> 21	22 <sup>31</sup> 31	21 <sup>17</sup> 17	15 <sup>5</sup> 5	16 <sup>47</sup> 47	26 <sup>11</sup> 11	25 <sup>1</sup> 1	S 5
M 6	9 37 56	26 <sup>0</sup> 21	23 <sup>57</sup> 57	8 <sup>58</sup> 58	10 <sup>58</sup> 58	26 <sup>43</sup> 43	27 <sup>47</sup> 47	17 <sup>52</sup> 52	14 <sup>22</sup> 22	22 <sup>31</sup> 31	21 <sup>15</sup> 15	14 <sup>58</sup> 58	16 <sup>44</sup> 44	26 <sup>18</sup> 18	25 <sup>5</sup> 5	M 6
T 7	9 41 53	27 <sup>0</sup> 46	9 <sup>15</sup> 15	8 <sup>34</sup> 34	11 <sup>46</sup> 46	27 <sup>30</sup> 30	28 <sup>0</sup> 0	17 <sup>49</sup> 49	14 <sup>22</sup> 22	22 <sup>31</sup> 31	21 <sup>14</sup> 14	14 <sup>52</sup> 52	16 <sup>41</sup> 41	26 <sup>24</sup> 24	25 <sup>9</sup> 9	T 7
W 8	9 45 49	28 <sup>0</sup> 109	24 <sup>21</sup> 21	8 <sup>18</sup> 18	12 <sup>32</sup> 32	28 <sup>18</sup> 18	28 <sup>13</sup> 13	17 <sup>46</sup> 46	14 <sup>22</sup> 22	22 <sup>31</sup> 31	21 <sup>12</sup> 12	14 <sup>48</sup> 48	16 <sup>38</sup> 38	26 <sup>31</sup> 31	25 <sup>13</sup> 13	W 8
T 9	9 49 46	29 <sup>0</sup> 130	9 <sup>8</sup> 8	8 <sup>9</sup> 9	13 <sup>18</sup> 18	29 <sup>5</sup> 5	28 <sup>27</sup> 27	17 <sup>43</sup> 43	14 <sup>22</sup> 22	22 <sup>32</sup> 32	21 <sup>11</sup> 11	14 <sup>46</sup> 46	16 <sup>35</sup> 35	26 <sup>38</sup> 38	25 <sup>17</sup> 17	T 9
F 10	9 53 42	0 <sup>1</sup> 149	23 <sup>29</sup> 29	8 <sup>14</sup> 14	2 <sup>2</sup> 2	29 <sup>52</sup> 52	28 <sup>40</sup> 40	17 <sup>40</sup> 40	14 <sup>22</sup> 22	22 <sup>32</sup> 32	21 <sup>9</sup> 9	14 <sup>46</sup> 46	16 <sup>32</sup> 32	26 <sup>45</sup> 45	25 <sup>21</sup> 21	F 10
S 11	9 57 39	1 <sup>0</sup> 206	7 <sup>24</sup> 24	8 <sup>12</sup> 12	14 <sup>46</sup> 46	0 <sup>40</sup> 40	28 <sup>53</sup> 53	17 <sup>37</sup> 37	14 <sup>22</sup> 22	22 <sup>32</sup> 32	21 <sup>8</sup> 8	14 <sup>48</sup> 48	16 <sup>28</sup> 28	26 <sup>51</sup> 51	25 <sup>26</sup> 26	S 11
S 12	10 1 35	2 <sup>0</sup> 221	20 <sup>51</sup> 51	8 <sup>23</sup> 23	15 <sup>28</sup> 28	1 <sup>27</sup> 27	29 <sup>6</sup> 6	17 <sup>34</sup> 34	14 <sup>21</sup> 21	22 <sup>32</sup> 32	21 <sup>6</sup> 6	14 <sup>49</sup> 49	16 <sup>25</sup> 25	26 <sup>58</sup> 58	25 <sup>30</sup> 30	S 12
M13	10 5 32	3 <sup>0</sup> 234	3 <sup>11</sup> 54	8 <sup>39</sup> 39	16 <sup>9</sup> 9	2 <sup>14</sup> 14	29 <sup>19</sup> 19	17 <sup>31</sup> 31	14 <sup>21</sup> 21	22 <sup>32</sup> 32	21 <sup>5</sup> 5	14 <sup>49</sup> 49	16 <sup>22</sup> 22	27 <sup>5</sup> 5	25 <sup>34</sup> 34	M13
T 14	10 9 28	4 <sup>0</sup> 245	16 <sup>36</sup> 36	9 <sup>2</sup> 2	16 <sup>49</sup> 49	3 <sup>2</sup> 2	29 <sup>32</sup> 32	17 <sup>28</sup> 28	14 <sup>21</sup> 21	22 <sup>32</sup> 32	21 <sup>3</sup> 3	14 <sup>48</sup> 48	16 <sup>19</sup> 19	27 <sup>11</sup> 11	25 <sup>38</sup> 38	T 14
W15	10 13 25	5 <sup>0</sup> 254	29 <sup>1</sup> 1	9 <sup>29</sup> 29	17 <sup>28</sup> 28	3 <sup>49</sup> 49	29 <sup>44</sup> 44	17 <sup>26</sup> 26	14 <sup>21</sup> 21	22 <sup>32</sup> 32	21 <sup>2</sup> 2	14 <sup>46</sup> 46	16 <sup>16</sup> 16	27 <sup>18</sup> 18	25 <sup>42</sup> 42	W15
T 16	10 17 22	6 <sup>0</sup> 301	11 <sup>06</sup> 12	10 <sup>1</sup> 1	18 <sup>6</sup> 6	4 <sup>36</sup> 36	29 <sup>57</sup> 57	17 <sup>23</sup> 23	14 <sup>20</sup> 20	22 <sup>32</sup> 32	21 <sup>0</sup> 0	14 <sup>41</sup> 41	16 <sup>12</sup> 12	27 <sup>25</sup> 25	25 <sup>46</sup> 46	T 16
F 17	10 21 18	7 <sup>0</sup> 305	23 <sup>15</sup> 15	10 <sup>37</sup> 37	18 <sup>42</sup> 42	5 <sup>23</sup> 23	0 <sup>10</sup> 10	17 <sup>21</sup> 21	14 <sup>20</sup> 20	22 <sup>32</sup> 32	20 <sup>58</sup> 58	14 <sup>35</sup> 35	16 <sup>9</sup> 9	27 <sup>31</sup> 31	25 <sup>50</sup> 50	F 17
S 18	10 25 15	8 <sup>0</sup> 308	5 <sup>11</sup> 11	11 <sup>18</sup> 18	19 <sup>17</sup> 17	6 <sup>11</sup> 11	0 <sup>23</sup> 23	17 <sup>19</sup> 19	14 <sup>19</sup> 19	22 <sup>32</sup> 32	20 <sup>57</sup> 57	14 <sup>29</sup> 29	16 <sup>6</sup> 6	27 <sup>38</sup> 38	25 <sup>54</sup> 54	S 18
S 19	10 29 11	9 <sup>0</sup> 308	17 <sup>3</sup> 3	12 <sup>2</sup> 2	19 <sup>50</sup> 50	6 <sup>58</sup> 58	0 <sup>35</sup> 35	17 <sup>17</sup> 17	14 <sup>19</sup> 19	22 <sup>32</sup> 32	20 <sup>55</sup> 55	14 <sup>22</sup> 22	16 <sup>3</sup> 3	27 <sup>45</sup> 45	25 <sup>58</sup> 58	S 19
M20	10 33 8	10 <sup>0</sup> 306	28 <sup>53</sup> 53	12 <sup>51</sup> 51	20 <sup>22</sup> 22	7 <sup>45</sup> 45	0 <sup>48</sup> 48	17 <sup>15</sup> 15	14 <sup>18</sup> 18	22 <sup>31</sup> 31	20 <sup>54</sup> 54	14 <sup>15</sup> 15	16 <sup>0</sup> 0	27 <sup>51</sup> 51	26 <sup>2</sup> 2	M20
T 21	10 37 4	11 <sup>0</sup> 303	10 <sup>10</sup> 44	13 <sup>42</sup> 42	20 <sup>53</sup> 53	8 <sup>32</sup> 32	1 <sup>0</sup> 0	17 <sup>13</sup> 13	14 <sup>18</sup> 18	22 <sup>31</sup> 31	20 <sup>52</sup> 52	14 <sup>10</sup> 10	15 <sup>57</sup> 57	27 <sup>58</sup> 58	26 <sup>6</sup> 6	T 21
W22	10 41 1	12 <sup>0</sup> 257	22 <sup>36</sup> 36	14 <sup>37</sup> 37	21 <sup>21</sup> 21	9 <sup>19</sup> 19	1 <sup>13</sup> 13	17 <sup>11</sup> 11	14 <sup>17</sup> 17	22 <sup>31</sup> 31	20 <sup>50</sup> 50	14 <sup>6</sup> 6	15 <sup>53</sup> 53	28 <sup>5</sup> 5	26 <sup>10</sup> 10	W22
T 23	10 44 57	13 <sup>0</sup> 250	4 <sup>13</sup> 33	15 <sup>34</sup> 34	21 <sup>49</sup> 49	10 <sup>6</sup> 6	1 <sup>25</sup> 25	17 <sup>9</sup> 9	14 <sup>16</sup> 16	22 <sup>31</sup> 31	20 <sup>49</sup> 49	14 <sup>4</sup> 4	15 <sup>50</sup> 50	28 <sup>11</sup> 11	26 <sup>14</sup> 14	T 23
F 24	10 48 54	14 <sup>0</sup> 240	16 <sup>36</sup> 36	16 <sup>34</sup> 34	22 <sup>14</sup> 14	10 <sup>53</sup> 53	1 <sup>37</sup> 37	17 <sup>8</sup> 8	14 <sup>15</sup> 15	22 <sup>30</sup> 30	20 <sup>47</sup> 47	14 <sup>4</sup> 4	15 <sup>47</sup> 47	28 <sup>18</sup> 18	26 <sup>18</sup> 18	F 24
S 25	10 52 50	15 <sup>0</sup> 229	28 <sup>47</sup> 47	17 <sup>37</sup> 37	22 <sup>38</sup> 38	11 <sup>41</sup> 41	1 <sup>49</sup> 49	17 <sup>6</sup> 6	14 <sup>15</sup> 15	22 <sup>30</sup> 30	20 <sup>46</sup> 46	14 <sup>5</sup> 5	15 <sup>44</sup> 44	28 <sup>25</sup> 25	26 <sup>22</sup> 22	S 25
S 26	10 56 47	16 <sup>0</sup> 216	11 <sup>11</sup> 9	18 <sup>42</sup> 42	23 <sup>0</sup> 0	12 <sup>28</sup> 28	2 <sup>2</sup> 2	17 <sup>5</sup> 5	14 <sup>14</sup> 14	22 <sup>30</sup> 30	20 <sup>44</sup> 44	14 <sup>6</sup> 6	15 <sup>41</sup> 41	28 <sup>32</sup> 32	26 <sup>26</sup> 26	S 26
M27	11 0 44	17 <sup>0</sup> 201	23 <sup>47</sup> 47	19 <sup>50</sup> 50	23 <sup>20</sup> 20	13 <sup>15</sup> 15	2 <sup>14</sup> 14	17 <sup>3</sup> 3	14 <sup>13</sup> 13	22 <sup>29</sup> 29	20 <sup>42</sup> 42	14 <sup>8</sup> 8	15 <sup>37</sup> 37	28 <sup>38</sup> 38	26 <sup>30</sup> 30	M27
T 28	11 4 40	18 <sup>1</sup> 144	6 <sup>14</sup> 42	21 <sup>0</sup> 0	23 <sup>38</sup> 38	14 <sup>1</sup> 1	2 <sup>25</sup> 25	17 <sup>06</sup> 6	14 <sup>12</sup> 12	22 <sup>29</sup> 29	20 <sup>41</sup> 41	14 <sup>9</sup> 9	15 <sup>34</sup> 34	28 <sup>45</sup> 45	26 <sup>34</sup> 34	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	14s33	17s56	4n12	13s33	3n38	4n53	2n22	14s58	1s 4	21s12	0s20	22n23	0n 7	15s49	0n23	16s45	1n46	18n23	16n20	6s 8	6s42	9n11	7s56	5n42			
T 2	14 13	18 37	4 47	13 55	3 32	5 21	2 30	14 43	1 4	21 10	0 20	22 24	0 7	15 49	0 23	16 45	1 46	18 24	16 20	6 6	6 41	9 10	7 54	5 42			
F 3	13 54	18 9	5 5	14 16	3 24	5 48	2 38	14 27	1 4	21 7	0 20	22 25	0 7	15 49	0 23	16 45	1 46	18 25	16 21	6 4	6 39	9 8	7 53	5 42			
S 4	13 34	16 27	5 4	14 37	3 15	6 15	2 46	14 11	1 4	21 5	0 20	22 25	0 8	15 49	0 23	16 45	1 46	18 25	16 21	6 1	6 38	9 6	7 52	5 42			
S 5	13 13	13 37	4 42	14 57	3 5	6 42	2 54	13 55	1 4	21 2	0 20	22 26	0 8	15 49	0 23	16 45	1 46	18 26	16 21	5 58	6 37	9 5	7 51	5 42			
M 6	12 53	9 49	3 59	15 16	2 54	7 8	3 2	13 38	1 3	21 0	0 21	22 26	0 8	15 49	0 23	16 45	1 46	18 27	16 22	5 55	6 36	9 3	7 49	5 42			
T 7	12 32	5 21	3 0	15 34	2 42	7 35	3 10	13 22	1 3	20 57	0 21	22 27	0 8	15 49	0 23	16 45	1 46	18 28	16 22	5 52	6 34	9 1	7 48	5 42			
W 8	12 12	0 36	1 48	15 50	2 29	8 0	3 18	13 5	1 3	20 55	0 21	22 27	0 8	15 49	0 23	16 45	1 46	18 29	16 22	5 51	6 33	8 59	7 47	5 42			
T 9	11 51	4n 6	0 30	16 5	2 16	8 26	3 27	12 48	1 3	20 52	0 21	22 28	0 8	15 49	0 23	16 45	1 46	18 30	16 22	5 50	6 32	8 58	7 45	5 42			
F 10	11 30	8 25	0s47	16 18	2 3	8 51	3 35	12 32	1 3	20 50	0 21	22 28	0 8	15 49	0 23	16 45	1 46	18 30	16 23	5 50	6 31	8 56	7 44	5 42			
S 11	11 8	12 8	2 0	16 30	1 50	9 16	3 44	12 15	1 3	20 47	0 21	22 29	0 8	15 49	0 23	16 45	1 46	18 31	16 23	5 51	6 30	8 54	7 43	5 42			
S 12	10 47	15 4	3 3	16 40	1 37	9 40	3 52	11 58	1 2	20 45	0 21	22 29	0 8	15 49	0 23	16 45	1 46	18 32	16 23	5 51	6 28	8 53	7 41	5 42			
M13	10 25	17 8	3 55	16 48	1 24	10 4	4 1	11 40	1 2	20 42	0 21	22 30	0 8	15 49	0 23	16 45	1 46	18 33	16 23	5 51	6 27	8 51	7 40	5 42			
T 14	10 3	18 17	4 34	16 55	1 11	10 27	4 9	11 23	1 2	20 39	0 22	22 30	0 9	15 49	0 23	16 45	1 46	18 34	16 23	5 51	6 26	8 49	7 39	5 42			
W15	9 41	18 31	4 59	17 0	0 58	10 50	4 18	11 6	1 2	20 37	0 22	22 30	0 9	15 49	0 23	16 44	1 46	18 34	16 24	5 50	6 25	8 47	7 37	5 42			
T 16	9 19	17 53	5 10	17 3	0 45	11 13	4 26	10 48	1 2	20 34	0 22	22 31	0 9	15 49	0 23	16 44	1 46	18 35	16 24	5 48	6 23	8 46	7 36	5 42			
F 17	8 57	16 27	5 7	17 5	0 33	11 35	4 35	10 31	1 1	20 32	0 22	22 31	0 9	15 49	0 24	16 44	1 46	18 36	16 24	5 46	6 22	8 44	7 34	5 42			
S 18	8 34	14 19	4 51	17 6	0 21	11 56	4 44	10 13	1 1	20 29	0 22	22 32	0 9	15 48	0 24	16 44	1 46	18 37	16 24	5 43	6 21	8 42	7 33	5 42			
S 19	8 12	11 36	4 22	17 4	0 10	12 17	4 52	9 55	1 1	20 26	0 22	22 32	0 9	15 48	0 24	16 44	1 47	18 38	16 24	5 41	6 20	8 41	7 32	5 42			
M20	7 49	8 26	3 42	17 1	0s 1	12 37	5 1	9 37	1 1	20 24	0 22	22 32	0 9	15 48	0 24	16 44	1 47	18 38	16 25	5 38	6 19	8 39	7 30	5 42			
T 21	7 26	4 54	2 52	16 57	0 12	12 57	5 10	9 19	1 0	20 21	0 22	22 33	0 9	15 48	0 24	16 44	1 47	18 39	16 25	5 36	6 17	8 37	7 29	5 42			
W22	7 4	1 11	1 55	16 51	0 22	13 56	5 18	9 1	0 20	19	0 23	22 33	0 9	15 48	0 24	16 44	1 47	18 40	16 25	5 35	6 16	8 35	7 28	5 42			
T 23	6 41	2s36	0 52	16 44	0 32	13 34	5 27	8 43	1 0	20 16	0 23	22 33	0 9	15 47	0 24	16 44	1 47	18 41	16 25	5 34	6 15	8 34	7 26	5 42			
F 24	6 18	6 20	0n14	16 35	0 42	13 52	5 36	8 25	1 0	20 14	0 23	22 34	0 9	15 47	0 24	16 44	1 47	18 41	16 25	5 34	6 14	8 32	7 25	5 42			
S 25	5 55	9 49	1 20	16 24	0 51	14 8	5 44	8 7	0 59	20 11	0 23	22 34	0 10	15 47	0 24	16 43	1 47	18 42	16 25	5 34	6 12	8 30	7 24	5 42			
S 26	5 31	12 57	2 23	16 12	1 0	14 24	5 52	7 49	0 59	20 8	0 23	22 34	0 10	15 47	0 24	16 43	1 47	18 43	16 25	5 35	6 11	8 28	7 22	5 42			
M27	5 8	15 31	3 21	15 59	1 8	14 40	6 1	7 30	0 59	20 6	0 23	22 34	0 10	15 46	0 24	16 43	1 47	18 44	16 25	5 35	6 10	8 27	7 21	5 42			
T 28	4s45	17s23	4n10	15s44	1s16	14n54	6n 9	7s12	0s58	20s 3	0s23	22n35	0n10	15s46	0n24	16s43	1n47	18n44	16n26	5s36	6s 9	8n25	7s19	5n42			

# ASTRODIENST EPHEMERIS for the year 1475

## geocentric

MARCH 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	11 8 37	19°12' 19	20°0' 20	22°12' 23	23°54' 23	14°49' 14	2°37' 2	17°R 1	14°R11	22°R28	20°R39	14°R10	15°31' 15	28°52' 28	26°38' 26	W 1
T 2	11 12 33	20°1' 20	3°41' 3	23°25' 24	24°8' 24	15°36' 15	2°49' 2	17°0' 17	14°M10	22°M28	20°M37	14°9' 14	15°28' 15	28°58' 28	26°42' 26	T 2
F 3	11 16 30	21°0' 21	17°47' 17	24°41' 24	24°19' 24	16°22' 16	3°1' 3	16°59' 16	14°8' 14	22°27' 22	20°36' 20	14°7' 14	15°25' 15	29°5' 29	26°46' 26	F 3
S 4	11 20 26	22°0' 22	2°16' 2	25°59' 25	24°29' 24	17°9' 17	3°13' 3	16°59' 16	14°7' 14	22°27' 22	20°34' 20	14°5' 14	15°22' 15	29°12' 29	26°49' 26	S 4
S 5	11 24 23	22°59' 22	17°6' 17	27°18' 27	24°36' 24	17°56' 17	3°24' 3	16°58' 16	14°6' 14	22°26' 22	20°33' 20	14°2' 14	15°18' 15	29°18' 29	26°53' 26	S 5
M 6	11 28 19	23°59' 23	2°9' 2	28°39' 28	24°41' 24	18°43' 18	3°36' 3	16°57' 16	14°5' 14	22°25' 22	20°31' 20	13°59' 13	15°15' 15	29°25' 29	26°57' 26	M 6
T 7	11 32 16	24°58' 24	17°17' 17	0°17' 0	24°44' 24	19°30' 19	3°47' 3	16°57' 16	14°3' 14	22°25' 22	20°29' 20	13°57' 13	15°12' 15	29°32' 29	27°1' 27	T 7
W 8	11 36 13	25°58' 25	17°21' 17	1°26' 1	24°R45	20°17' 20	3°58' 3	16°57' 16	14°2' 14	22°24' 22	20°28' 20	13°56' 13	15°9' 15	29°38' 29	27°4' 27	W 8
T 9	11 40 9	26°57' 26	17°11' 17	2°52' 2	24°43' 24	21°3' 21	4°9' 4	16°57' 16	14°1' 14	22°23' 22	20°26' 20	13°D56	15°6' 15	29°45' 29	27°8' 27	T 9
F 10	11 44 6	27°57' 27	1°40' 1	4°19' 4	24°38' 24	21°50' 21	4°20' 4	16°D57	13°59' 13	22°23' 22	20°24' 20	13°56' 13	15°3' 15	29°52' 29	27°12' 27	F 10
S 11	11 48 2	28°56' 28	1°44' 1	5°48' 5	24°31' 24	22°37' 22	4°31' 4	16°57' 16	13°58' 13	22°22' 22	20°23' 20	13°57' 13	14°59' 14	29°58' 29	27°16' 27	S 11
S 12	11 51 59	29°56' 29	2°21' 2	7°18' 7	24°22' 24	23°23' 23	4°42' 4	16°57' 16	13°56' 13	22°21' 22	20°21' 20	13°59' 13	14°56' 14	0°5' 0	27°19' 27	S 12
M13	11 55 55	0°55' 0	12°32' 12	8°50' 8	24°10' 24	24°10' 24	4°53' 4	16°57' 16	13°55' 13	22°20' 22	20°20' 20	14°0' 14	14°53' 14	0°12' 0	27°23' 27	M13
T 14	11 59 52	1°54' 1	25°20' 25	10°23' 10	23°55' 23	24°57' 24	5°4' 5	16°57' 16	13°53' 13	22°19' 22	20°18' 20	14°0' 14	14°50' 14	0°19' 0	27°26' 27	T 14
W15	12 3 48	2°53' 2	7°48' 7	11°58' 11	23°38' 23	25°43' 25	5°14' 5	16°58' 16	13°51' 13	22°18' 22	20°16' 20	14°R 0	14°47' 14	0°25' 0	27°30' 27	W15
T 16	12 7 45	3°52' 3	19°59' 19	13°34' 13	23°19' 23	26°30' 26	5°25' 5	16°58' 16	13°50' 13	22°17' 22	20°15' 20	14°0' 14	14°43' 14	0°32' 0	27°33' 27	T 16
F 17	12 11 42	4°52' 4	2°0' 2	15°11' 15	22°57' 22	27°16' 27	5°35' 5	16°59' 16	13°48' 13	22°17' 22	20°13' 20	13°59' 13	14°40' 14	0°39' 0	27°37' 27	F 17
S 18	12 15 38	5°51' 5	13°53' 13	16°50' 16	22°33' 22	28°3' 28	5°46' 5	17°0' 17	13°46' 13	22°16' 22	20°12' 20	13°58' 13	14°37' 14	0°45' 0	27°40' 27	S 18
S 19	12 19 35	6°50' 6	25°43' 25	18°30' 18	22°7' 22	28°49' 28	5°56' 5	17°1' 17	13°44' 13	22°15' 22	20°10' 20	13°57' 13	14°34' 14	0°52' 0	27°44' 27	S 19
M20	12 23 31	7°49' 7	7°49' 7	20°12' 20	21°39' 21	29°35' 29	6°6' 6	17°2' 17	13°42' 13	22°14' 22	20°9' 20	13°56' 13	14°31' 14	0°59' 0	27°47' 27	M20
T 21	12 27 28	8°48' 8	19°25' 19	21°55' 21	21°9' 21	0°Y22	6°16' 6	17°3' 17	13°41' 13	22°12' 22	20°7' 20	13°55' 13	14°28' 14	1°5' 1	27°50' 27	T 21
W22	12 31 24	9°47' 9	1°24' 1	23°40' 23	20°37' 20	1°8' 1	6°26' 6	17°4' 17	13°39' 13	22°11' 22	20°5' 20	13°55' 13	14°24' 14	1°12' 1	27°54' 27	W22
T 23	12 35 21	10°46' 10	13°30' 13	25°26' 25	20°4' 20	1°54' 1	6°35' 6	17°6' 17	13°37' 13	22°10' 22	20°4' 20	13°D55	14°21' 14	1°19' 1	27°57' 27	T 23
F 24	12 39 17	11°45' 11	25°45' 25	27°14' 27	19°29' 19	2°40' 2	6°45' 6	17°7' 17	13°35' 13	22°9' 22	20°2' 20	13°55' 13	14°18' 14	1°25' 1	28°0' 28	F 24
S 25	12 43 14	12°43' 12	8°11' 8	18°53' 18	29°3' 29	3°26' 3	6°55' 6	17°9' 17	13°33' 13	22°8' 22	20°1' 20	13°55' 13	14°15' 14	1°32' 1	28°3' 28	S 25
S 26	12 47 10	13°42' 13	20°49' 20	0°Y54	18°17' 18	4°13' 4	7°4' 7	17°10' 17	13°31' 13	22°7' 22	19°59' 19	13°R55	14°12' 14	1°39' 1	28°7' 28	S 26
M27	12 51 7	14°41' 14	3°41' 3	2°46' 2	17°39' 17	4°59' 4	7°13' 7	17°12' 17	13°29' 13	22°6' 22	19°58' 19	13°55' 13	14°8' 14	1°45' 1	28°10' 28	M27
T 28	12 55 4	15°40' 15	16°48' 16	4°40' 4	17°1' 17	5°45' 5	7°22' 7	17°14' 17	13°26' 13	22°4' 22	19°57' 19	13°55' 13	14°5' 14	1°52' 1	28°13' 28	T 28
W29	12 59 0	16°38' 16	0°31' 0	6°35' 6	16°23' 16	6°31' 6	7°31' 7	17°16' 17	13°24' 13	22°3' 22	19°55' 19	13°55' 13	14°2' 14	1°59' 1	28°16' 28	W29
T 30	13 2 57	17°37' 17	13°52' 13	8°32' 8	15°46' 15	7°17' 7	7°40' 7	17°18' 17	13°22' 13	22°2' 22	19°54' 19	13°D54	13°59' 13	2°5' 2	28°19' 28	T 30
F 31	13 6 53	18°Y36' 18	27°350' 27	10°Y30' 10	15°Y8' 15	8°Y3' 8	7°49' 7	17°20' 17	13°M20' 13	22°M1' 22	19°M52' 19	13°D54' 13	13°D56' 13	2°M12' 2	28°22' 28	F 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	4s21	18s21	4n47	15s28	1s24	15n 8	6n17	6s54	0s58	20s 1	0s24	22n35	0n10	15s46	0n24	W 1
T 2	3 58	18 18	5 10	15 10	1 31	15 20	6 25	6 35	0 58	19 58	0 24	22 35	0 10	15 45	0 24	T 2
F 3	3 34	17 8	5 14	14 51	1 37	15 32	6 33	6 16	0 58	19 56	0 24	22 35	0 10	15 45	0 24	F 3
S 4	3 11	14 51	4 59	14 31	1 43	15 42	6 40	5 58	0 57	19 53	0 24	22 35	0 10	15 45	0 24	S 4
S 5	2 47	11 33	4 24	14 9	1 49	15 52	6 47	5 39	0 57	19 50	0 24	22 36	0 10	15 44	0 24	S 5
M 6	2 24	7 27	3 31	13 46	1 54	16 0	6 54	5 21	0 57	19 48	0 24	22 36	0 10	15 44	0 24	M 6
T 7	2 0	2 51	2 22	13 21	1 59	16 7	7 1	5 2	0 56	19 45	0 24	22 36	0 10	15 43	0 24	T 7
W 8	1 36	1n54	1 4	12 55	2 4	16 13	7 7	4 43	0 56	19 43	0 25	22 36	0 10	15 43	0 24	W 8
T 9	1 13	6 29	0s18	12 28	2 8	16 18	7 13	4 24	0 56	19 40	0 25	22 36	0 11	15 43	0 24	T 9
F 10	0 49	10 34	1 37	11 59	2 11	16 22	7 19	4 5	0 55	19 38	0 25	22 36	0 11	15 42	0 24	F 10
S 11	0 25	13 56	2 47	11 29	2 14	16 24	7 24	3 47	0 55	19 35	0 25	22 36	0 11	15 42	0 24	S 11
S 12	0 2	16 23	3 46	10 58	2 17	16 25	7 29	3 28	0 54	19 33	0 25	22 36	0 11	15 41	0 24	S 12
M13	0n22	17 53	4 31	10 25	2 19	16 24	7 33	3 9	0 54	19 30	0 25	22 36	0 11	15 41	0 24	M13
T 14	0 46	18 25	5 0	9 52	2 20	16 22	7 37	2 50	0 54	19 28	0 26	22 36	0 11	15 40	0 24	T 14
W15	1 9	18 2	5 15	9 17	2 22	16 19	7 40	2 31	0 53	19 26	0 26	22 36	0 11	15 40	0 24	W15
T 16	1 33	16 49	5 15	8 40	2 22	16 14	7 43	2 12	0 53	19 23	0 26	22 36	0 11	15 39	0 24	T 16
F 17	1 56	14 52	5 2	8 3	2 23	16 7	7 45	1 53	0 53	19 21	0 26	22 36	0 11	15 39	0 24	F 17
S 18	2 20	12 19	4 35	7 24	2 22	15 59	7 46	1 35	0 52	19 18	0 26	22 36	0 11	15 38	0 24	S 18
S 19	2 43	9 16	3 57	6 44	2 22	15 50	7 46	1 16	0 52	19 16	0 26	22 36	0 11	15 38	0 24	S 19
M20	3 7	5 51	3 9	6 2	2 20	15 39	7 46	0 57	0 51	19 14	0 27	22 36	0 11	15 37	0 24	M20
T 21	3 30	2 11	2 12	5 20	2 19	15 26	7 44	0 38	0 51	19 11	0 27	22 36	0 12	15 37	0 24	T 21
W22	3 53	1s37	1 9	4 36	2 16	15 12	7 42	0 19	0 50	19 9	0 27	22 36	0 12	15 36	0 24	W22
T 23	4 16	5 23	0 2	3 52	2 14	14 57	7 40	0 0	0 50	19 7	0 27	22 36	0 12	15 35	0 24	T 23
F 24	4 40	8 58	1n 5	3 6	2 10	14 40	7 36	0n18	0 50	19 5	0 27	22 36	0 12	15 35	0 24	F 24
S 25	5 3	12 13	2 11	2 19	2 7	14 22	7 31	0 37	0 49	19 2	0 27	22 36	0 12	15 34	0 24	S 25
S 26	5 25	14 56	3 11	1 31	2 2	14 2	7 26	0 56	0 49	19 0	0 28	22 36	0 12	15 34	0 24	S 26
M27	5 48	16 58	4 3	0 42	1 58	13 42	7 20	1 15	0 48	18 58	0 28	22 36	0 12	15 33	0 24	M27
T 28	6 11	18 9	4 43	0n 8	1 52	13 21	7 12	1 33	0 48	18 56	0 28	22 35	0 12	15 32	0 24	T 28
W29	6 34	18 22	5 9	0 59	1 47	12 59	7 4	1 52	0 47	18 54	0 28	22 35	0 12	15 32	0 24	W29
T 30	6 56	17 31	5 18	1 51	1 40	12 36	6 56	2 11	0 47	18 52	0 28	22 35	0 12	15 31	0 24	T 30
F 31	7n19	15s37	5n 8	2n44	1s33	12n13	6n46	2n29	0s46	18s49	0s29	22n35	0n12	15s30	0n24	F 31

Julian Day Number = 2259860.5, Delta T = 05m42s

Ecl

# ASTRODIENST EPHEMERIS for the year 1475

## geocentric

APRIL 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	13 10 50	19°35'00	12°48' 4	12°29'29	14°R31	8°V48	7°58	17°23	13°R18	21°R59	19°R51	13°55	13°53	2°19	28°25	S 1
S 2	13 14 46	20°33'37	26°33	14°31	13°V55	9°34	8° 6	17°25	13°M16	21°M58	19°M50	13°55	13°49	2°25	28°28	S 2
M 3	13 18 43	21°32'12	11°12	16°33	13°20	10°20	8°15	17°28	13°13	21°57	19°48	13°56	13°46	2°32	28°30	M 3
T 4	13 22 39	22°30'46	25°57	18°37	12°46	11° 6	8°23	17°30	13°11	21°55	19°47	13°56	13°43	2°39	28°33	T 4
W 5	13 26 36	23°29'18	10°V41	20°42	12°14	11°52	8°31	17°33	13° 9	21°54	19°46	13°R57	13°40	2°45	28°36	W 5
T 6	13 30 33	24°27'47	25°17	22°48	11°43	12°37	8°39	17°36	13° 6	21°53	19°44	13°57	13°37	2°52	28°39	T 6
F 7	13 34 29	25°26'16	9°B39	24°54	11°14	13°23	8°47	17°39	13° 4	21°51	19°43	13°56	13°34	2°59	28°41	F 7
S 8	13 38 26	26°24'42	23°42	27° 2	10°47	14° 8	8°54	17°42	13° 2	21°50	19°42	13°55	13°30	3° 6	28°44	S 8
S 9	13 42 22	27°23'06	7°II21	29°10	10°22	14°54	9° 2	17°45	12°59	21°48	19°41	13°53	13°27	3°12	28°47	S 9
M10	13 46 19	28°21'28	20°37	1°B19	10° 0	15°39	9° 9	17°48	12°57	21°47	19°39	13°51	13°24	3°19	28°49	M10
T 11	13 50 15	29°19'48	3°B29	3°28	9°39	16°25	9°17	17°51	12°54	21°46	19°38	13°49	13°21	3°26	28°52	T 11
W12	13 54 12	0°B18'06	16° 1	5°36	9°21	17°10	9°24	17°55	12°52	21°44	19°37	13°48	13°18	3°32	28°54	W12
T 13	13 58 8	1°16'22	28°15	7°45	9° 5	17°55	9°31	17°58	12°50	21°43	19°36	13°D47	13°14	3°39	28°56	T 13
F 14	14 2 5	2°14'35	10°D16	9°52	8°52	18°41	9°38	18° 2	12°47	21°41	19°35	13°48	13°11	3°46	28°59	F 14
S 15	14 6 2	3°12'47	22°10	11°58	8°40	19°26	9°44	18° 5	12°45	21°40	19°34	13°49	13° 8	3°52	29° 1	S 15
S 16	14 9 58	4°10'57	4°M 0	14° 4	8°32	20°11	9°51	18° 9	12°42	21°38	19°33	13°50	13° 5	3°59	29° 3	S 16
M17	14 13 55	5° 9'04	15°50	16° 7	8°26	20°56	9°57	18°13	12°40	21°36	19°32	13°52	13° 2	4° 6	29° 5	M17
T 18	14 17 51	6° 7'10	27°47	18° 8	8°22	21°41	10° 3	18°17	12°37	21°35	19°31	13°53	12°59	4°12	29° 8	T 18
W19	14 21 48	7° 5'14	9°D15	20° 8	8°D20	22°26	10° 9	18°21	12°35	21°33	19°30	13°R54	12°55	4°19	29°10	W19
T 20	14 25 44	8° 3'16	22° 8	22° 5	8°21	23°11	10°15	18°25	12°32	21°32	19°29	13°54	12°52	4°26	29°12	T 20
F 21	14 29 41	9° 1'16	4°M38	23°59	8°25	23°56	10°21	18°29	12°30	21°30	19°28	13°52	12°49	4°32	29°14	F 21
S 22	14 33 37	9°59'15	17°23	25°50	8°30	24°41	10°27	18°34	12°27	21°29	19°27	13°50	12°46	4°39	29°16	S 22
S 23	14 37 34	10°57'12	0°J23	27°39	8°38	25°26	10°32	18°38	12°25	21°27	19°26	13°46	12°43	4°46	29°18	S 23
M24	14 41 31	11°55'08	13°37	29°24	8°48	26°11	10°37	18°42	12°22	21°25	19°25	13°42	12°40	4°52	29°19	M24
T 25	14 45 27	12°53'02	27° 5	1°II 6	9° 0	26°55	10°42	18°47	12°20	21°24	19°24	13°37	12°36	4°59	29°21	T 25
W26	14 49 24	13°50'55	10°B45	2°45	9°14	27°40	10°47	18°52	12°17	21°22	19°23	13°34	12°33	5° 6	29°23	W26
T 27	14 53 20	14°48'47	24°36	4°20	9°31	28°25	10°52	18°56	12°15	21°21	19°23	13°31	12°30	5°12	29°25	T 27
F 28	14 57 17	15°46'38	8°B37	5°52	9°49	29° 9	10°57	19° 1	12°12	21°19	19°22	13°29	12°27	5°19	29°26	F 28
S 29	15 1 13	16°44'27	22°44	7°20	10° 9	29°54	11° 1	19° 6	12°10	21°17	19°21	13°D29	12°24	5°26	29°28	S 29
S 30	15 5 10	17°B42'15	6°J58	8°II45	10°V30	0°B38	11°55	19°B11	12°M 7	21°M16	19°M20	13°D30	12°20	5°M32	29°29	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
S 1	7n41	12s44 4n40	3n38 1s26	11n49 6n36	2n48 0s46	18s47 0s29	22n35 0n12	15s30 0n24	16s34 1n48	19n 2 16n23	5s30 5s29	7n29 6s37	5n47			
S 2	8 3 9 2	3 54 4 32	1 18 11 25	6 25 3 6	0 45 18 45	0 29 22 34	0 12 15 29	0 24 16 34	1 48 19 2 16 23	5 30 5 28	7 27 6 36	5 47				
M 3	8 25 4 44	2 52 5 27	1 10 11 0	6 14 3 25	0 45 18 43	0 29 22 34	0 13 15 28	0 24 16 33	1 48 19 3 16 23	5 31 5 27	7 26 6 35	5 48				
T 4	8 47 0 7	1 38 6 22	1 2 10 36	6 2 3 43	0 44 18 41	0 29 22 34	0 13 15 28	0 24 16 33	1 49 19 3 16 23	5 31 5 26	7 24 6 34	5 48				
W 5	9 9 4n31	0 18 7 17	0 52 10 12	5 49 4 2	0 44 18 39	0 29 22 34	0 13 15 27	0 24 16 33	1 49 19 3 16 22	5 31 5 24	7 22 6 33	5 48				
T 6	9 30 8 50	1 s 3 8 13	0 43 9 48	5 36 4 20	0 43 18 38	0 30 22 33	0 13 15 26	0 24 16 32	1 49 19 4 16 22	5 31 5 23	7 20 6 32	5 48				
F 7	9 52 12 34	2 18 9 9	0 33 9 24	5 23 4 38	0 43 18 36	0 30 22 33	0 13 15 26	0 24 16 32	1 49 19 4 16 22	5 31 5 22	7 19 6 31	5 49				
S 8	10 13 15 28	3 23 10 5	0 23 9 1	5 10 4 56	0 42 18 34	0 30 22 33	0 13 15 25	0 24 16 31	1 49 19 4 16 22	5 30 5 21	7 17 6 29	5 49				
S 9	10 34 17 25	4 15 11 1	0 13 8 39	4 56 5 14	0 42 18 32	0 30 22 32	0 13 15 24	0 24 16 31	1 49 19 4 16 21	5 29 5 19	7 15 6 28	5 49				
M10	10 55 18 20	4 51 11 56	0 2 8 17	4 42 5 32	0 41 18 30	0 30 22 32	0 13 15 23	0 24 16 31	1 49 19 5 16 21	5 29 5 18	7 13 6 27	5 49				
T 11	11 16 18 16	5 11 12 50	0n 8 7 56	4 28 5 50	0 41 18 29	0 31 22 32	0 13 15 23	0 24 16 30	1 49 19 5 16 21	5 28 5 17	7 12 6 26	5 50				
W12	11 37 17 19	5 16 13 44	0 19 7 36	4 14 6 8	0 40 18 27	0 31 22 31	0 13 15 22	0 24 16 30	1 49 19 5 16 20	5 28 5 16	7 10 6 25	5 50				
T 13	11 57 15 34	5 6 14 36	0 30 7 17	3 59 6 26	0 40 18 25	0 31 22 31	0 13 15 21	0 24 16 29	1 49 19 5 16 20	5 27 5 14	7 8 6 24	5 50				
F 14	12 17 13 10	4 43 15 27	0 41 6 58	3 45 6 44	0 39 18 24	0 31 22 30	0 13 15 20	0 24 16 29	1 49 19 5 16 20	5 27 5 13	7 6 6 23	5 50				
S 15	12 37 10 15	4 8 16 17	0 51 6 41	3 31 7 2	0 39 18 22	0 31 22 30	0 13 15 20	0 24 16 29	1 49 19 6 16 19	5 28 5 12	7 5 6 22	5 51				
S 16	12 57 6 55	3 23 17 5	1 1 6 25	3 17 7 19	0 38 18 20	0 32 22 30	0 13 15 19	0 24 16 28	1 49 19 6 16 19	5 28 5 11	7 3 6 21	5 51				
M17	13 16 3 19	2 29 17 51	1 11 6 10	3 3 7 37	0 38 18 19	0 32 22 29	0 14 15 18	0 24 16 28	1 49 19 6 16 19	5 29 5 10	7 1 6 20	5 51				
T 18	13 36 0s27	1 28 18 34	1 21 5 55	2 50 7 54	0 37 18 17	0 32 22 29	0 14 15 17	0 24 16 27	1 49 19 6 16 18	5 30 5 8	6 59 6 19	5 52				
W19	13 55 4 15	0 22 19 16	1 30 5 43	2 36 8 11	0 37 18 16	0 32 22 28	0 14 15 17	0 24 16 27	1 49 19 6 16 18	5 30 5 7	6 57 6 18	5 52				
T 20	14 14 7 57	0n45 19 55	1 39 5 31	2 23 8 29	0 36 18 15	0 33 22 28	0 14 15 16	0 24 16 27	1 49 19 6 16 18	5 30 5 6	6 56 6 17	5 52				
F 21	14 33 11 21	1 52 20 32	1 47 5 20	2 10 8 46	0 36 18 13	0 33 22 27	0 14 15 15	0 24 16 26	1 49 19 6 16 17	5 29 5 5	6 54 6 16	5 52				
S 22	14 51 14 17	2 54 21 7	1 54 5 11	1 57 9 3	0 35 18 12	0 33 22 27	0 14 15 14	0 24 16 26	1 49 19 6 16 17	5 28 5 3	6 52 6 15	5 53				
S 23	15 9 16 34	3 48 21 39	2 1 5 2	1 45 9 20	0 34 18 11	0 33 22 26	0 14 15 14	0 24 16 25	1 49 19 6 16 17	5 27 5 2	6 50 6 14	5 53				
M24	15 27 18 1	4 31 22 8	2 7 4 55	1 32 9 36	0 34 18 9	0 33 22 26	0 14 15 13	0 24 16 25	1 49 19 6 16 16	5 25 5 1	6 49 6 13	5 53				
T 25	15 45 18 28	5 0 22 35	2 12 4 49	1 21 9 53	0 33 18 8	0 34 22 25	0 14 15 12	0 24 16 24	1 49 19 6 16 16	5 23 5 0	6 47 6 12	5 54				
W26	16 2 17 53	5 12 23 0	2 16 4 44	1 9 10 10	0 33 18 7	0 34 22 24	0 14 15 11	0 24 16 24	1 49 19 6 16 16	5 22 4 58	6 45 6 11	5 54				
T 27	16 20 16 13	5 7 23 22	2 20 4 40	0 58 10 26	0 32 18 6	0 34 22 24	0 14 15 11	0 24 16 24	1 49 19 6 16 15	5 21 4 57	6 43 6 11	5 54				
F 28	16 36 13 36	4 43 23 41	2 23 4 37	0 47 10 43	0 32 18 5	0 34 22 23	0 14 15 10	0 24 16 23	1 49 19 6 16 15	5 20 4 56	6 42 6 10	5 54				
S 29	16 53 10 9	4 3 23 58	2 25 4 35	0 36 10 59	0 31 18 4	0 34 22 23	0 14 15 9	0 24 16 23	1 49 19 6 16 14	5 20 4 55	6 40 6 9	5 55				
S 30	17n 9 6s 5	3n 7 24n13	2n26 4n34	0n25 11n15	0s30 18s 3	0s35 22n22	0n14 15s 8	0n24 16s22	1n49 19n 6	16n14 5s21	4s53 6n38	6s 8 5n55				

Julian Day Number = 2259891.5, Delta T = 05m42s

Ecliptic obliquity = 23°30'18", Nutation = 0°00'04", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°25'08", Lahiri = 16°32'09" Julian Calendar 1 Apr. 1475 == Greg. Calendar 10 Apr. 1475

# ASTRODIENST EPHEMERIS for the year 1475

## geocentric

MAY 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	15 9 6	18°40'02	21°16'16	10°11'54	10°11'54	18°23	11°33	19°16	12°R 5	21°R14	19°R20	13°23	12°17	5°39	29°31	M 1
T 2	15 13 3	19°37'47	5°Y35	11°23	11°19	2° 7	11°13	19°21	12°M 2	21°M13	19°M19	13°33	12°14	5°46	29°32	T 2
W 3	15 17 0	20°35'32	19°53	12°36	11°46	2°51	11°17	19°26	12° 0	21°11	19°19	13°R33	12°11	5°52	29°33	W 3
T 4	15 20 56	21°33'15	4° 5	13°46	12°14	3°35	11°21	19°31	11°57	21° 9	19°18	13°31	12° 8	5°59	29°35	T 4
F 5	15 24 53	22°30'57	18° 7	14°51	12°44	4°20	11°24	19°37	11°55	21° 8	19°17	13°28	12° 5	6° 6	29°36	F 5
S 6	15 28 49	23°28'38	1°11'54	15°53	13°15	5° 4	11°27	19°42	11°52	21° 6	19°17	13°23	12° 1	6°12	29°37	S 6
S 7	15 32 46	24°26'18	15°25	16°50	13°48	5°48	11°30	19°48	11°50	21° 4	19°16	13°16	11°58	6°19	29°38	S 7
M 8	15 36 42	25°23'56	28°35	17°44	14°22	6°32	11°33	19°53	11°47	21° 3	19°16	13° 9	11°55	6°26	29°39	M 8
T 9	15 40 39	26°21'33	11°26	18°33	14°57	7°16	11°35	19°59	11°45	21° 1	19°16	13° 2	11°52	6°32	29°40	T 9
W10	15 44 35	27°19'09	23°58	19°18	15°34	8° 0	11°38	20° 4	11°42	21° 0	19°15	12°57	11°49	6°39	29°41	W10
T11	15 48 32	28°16'43	6°12	19°59	16°11	8°44	11°40	20°10	11°40	20°58	19°15	12°52	11°45	6°46	29°42	T11
F12	15 52 29	29°14'15	18°14	20°36	16°50	9°27	11°42	20°16	11°38	20°56	19°15	12°50	11°42	6°52	29°43	F12
S13	15 56 25	0°11'46	0°11'46	21° 8	17°30	10°11	11°44	20°22	11°35	20°55	19°14	12°D49	11°39	6°59	29°44	S13
S14	16 0 22	1° 9'16	11°58	21°35	18°11	10°55	11°46	20°28	11°33	20°53	19°14	12°50	11°36	7° 6	29°44	S14
M15	16 4 18	2° 6'45	23°50	21°58	18°53	11°39	11°47	20°34	11°31	20°52	19°14	12°51	11°33	7°12	29°45	M15
T16	16 8 15	3° 4'12	5°48	22°16	19°36	12°22	11°49	20°40	11°28	20°50	19°14	12°52	11°30	7°19	29°46	T16
W17	16 12 11	4° 1'38	17°58	22°30	20°19	13° 6	11°50	20°46	11°26	20°48	19°13	12°R52	11°26	7°26	29°46	W17
T18	16 16 8	4°59'03	0°11'23	22°39	21° 4	13°49	11°51	20°52	11°24	20°47	19°13	12°50	11°23	7°32	29°46	T18
F19	16 20 4	5°56'26	13° 6	22°R43	21°50	14°33	11°51	20°58	11°22	20°45	19°13	12°47	11°20	7°39	29°47	F19
S20	16 24 1	6°53'49	26° 8	22°43	22°36	15°16	11°52	21° 5	11°19	20°44	19°13	12°41	11°17	7°46	29°47	S20
S21	16 27 58	7°51'11	9°47'30	22°38	23°23	15°59	11°52	21°11	11°17	20°42	19°13	12°33	11°14	7°52	29°48	S21
M22	16 31 54	8°48'32	23°10	22°29	24°11	16°42	11°R52	21°17	11°15	20°41	19°D13	12°24	11°11	7°59	29°48	M22
T23	16 35 51	9°45'52	7° 3	22°16	25° 0	17°26	11°52	21°24	11°13	20°39	19°13	12°15	11° 7	8° 6	29°48	T23
W24	16 39 47	10°43'11	21° 9	21°59	25°49	18° 9	11°52	21°30	11°11	20°38	19°13	12° 7	11° 4	8°12	29°48	W24
T25	16 43 44	11°40'30	5°48'20	21°38	26°39	18°52	11°52	21°37	11° 9	20°36	19°13	12° 0	11° 1	8°19	29°R48	T25
F26	16 47 40	12°37'49	19°33	21°14	27°30	19°35	11°51	21°43	11° 7	20°35	19°13	11°56	10°58	8°26	29°48	F26
S27	16 51 37	13°35'07	3°46	20°47	28°22	20°18	11°50	21°50	11° 5	20°33	19°13	11°54	10°55	8°32	29°48	S27
S28	16 55 33	14°32'24	17°56	20°17	29°14	21° 1	11°49	21°57	11° 3	20°32	19°14	11°D53	10°51	8°39	29°48	S28
M29	16 59 30	15°29'42	2°Y 1	19°46	0° 6	21°44	11°48	22° 3	11° 1	20°30	19°14	11°54	10°48	8°46	29°48	M29
T30	17 3 27	16°26'58	16° 1	19°13	1° 0	22°26	11°47	22°10	10°59	20°29	19°14	11°R54	10°45	8°52	29°47	T30
W31	17 7 23	17°12'41	29°Y55	18°11'39	1°53	23° 9	11°45	22°17	10°M57	20°M27	19°M14	11°D53	10°42	8°59	29°47	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	17n26	1s39	1n59	24n26	2n26	4n34	0n15	11n31	0s30	18s 2	0s35	22n21	0n15	15s 8	0n24	16s22	1n49
T 2	17 41	2n53	0 43	24 36	2 25	4 34	0 5	11 47	0 29	18 1	0 35	22 21	0 15	15 7	0 24	16 22	1 49
W 3	17 57	7 16	0s34	24 45	2 24	4 36	0s 4	12 3	0 29	18 0	0 35	22 20	0 15	15 6	0 24	16 21	1 49
T 4	18 12	11 12	1 50	24 51	2 21	4 39	0 13	12 19	0 28	18 0	0 36	22 19	0 15	15 5	0 24	16 21	1 49
F 5	18 27	14 26	2 57	24 56	2 18	4 42	0 22	12 34	0 27	17 59	0 36	22 19	0 15	15 5	0 24	16 20	1 49
S 6	18 42	16 48	3 53	24 58	2 14	4 47	0 31	12 49	0 27	17 58	0 36	22 18	0 15	15 4	0 24	16 20	1 49
S 7	18 56	18 10	4 34	24 59	2 8	4 52	0 39	13 5	0 26	17 58	0 36	22 17	0 15	15 3	0 24	16 19	1 49
M 8	19 10	18 30	4 59	24 58	2 2	4 57	0 47	13 20	0 26	17 57	0 37	22 16	0 15	15 2	0 24	16 19	1 49
T 9	19 24	17 53	5 9	24 56	1 55	5 4	0 55	13 35	0 25	17 57	0 37	22 16	0 15	15 2	0 24	16 19	1 49
W10	19 37	16 23	5 4	24 51	1 47	5 11	1 2	13 50	0 24	17 56	0 37	22 15	0 15	15 1	0 24	16 18	1 49
T11	19 50	14 11	4 44	24 46	1 39	5 19	1 9	14 4	0 24	17 56	0 37	22 14	0 15	15 0	0 23	16 18	1 49
F12	20 3	11 24	4 13	24 39	1 29	5 28	1 16	14 19	0 23	17 55	0 37	22 13	0 15	14 59	0 23	16 17	1 49
S13	20 15	8 11	3 30	24 30	1 18	5 37	1 23	14 33	0 22	17 55	0 38	22 13	0 15	14 59	0 23	16 17	1 49
S14	20 27	4 38	2 39	24 21	1 7	5 46	1 29	14 48	0 22	17 55	0 38	22 12	0 15	14 58	0 23	16 17	1 49
M15	20 38	0 55	1 41	24 10	0 54	5 57	1 35	15 2	0 21	17 55	0 38	22 11	0 16	14 57	0 23	16 16	1 49
T16	20 50	2s54	0n28	23 58	0 41	6 8	1 41	15 16	0 21	17 55	0 38	22 10	0 16	14 57	0 23	16 16	1 49
W17	21 1	6 39	0n27	23 45	0 27	6 19	1 47	15 30	0 20	17 54	0 39	22 9	0 16	14 56	0 23	16 15	1 49
T18	21 11	10 11	1 33	23 31	0 13	6 31	1 52	15 43	0 19	17 54	0 39	22 8	0 16	14 55	0 23	16 15	1 49
F19	21 21	13 21	2 35	23 16	0s 2	6 43	1 57	15 57	0 19	17 54	0 39	22 7	0 16	14 55	0 23	16 15	1 49
S20	21 31	15 55	3 31	23 0	0 18	6 56	2 2	16 10	0 18	17 55	0 39	22 7	0 16	14 54	0 23	16 14	1 49
S21	21 41	17 43	4 16	22 44	0 34	7 9	2 7	16 23	0 17	17 55	0 40	22 6	0 16	14 53	0 23	16 14	1 49
M22	21 50	18 32	4 48	22 26	0 51	7 22	2 11	16 36	0 17	17 55	0 40	22 5	0 16	14 53	0 23	16 13	1 49
T23	21 59	18 16	5 4	22 9	1 8	7 36	2 15	16 49	0 16	17 55	0 40	22 4	0 16	14 52	0 23	16 13	1 49
W24	22 7	16 52	5 1	21 51	1 25	7 51	2 19	17 2	0 15	17 55	0 40	22 3	0 16	14 51	0 23	16 13	1 49
T25	22 15	14 27	4 40	21 32	1 42	8 5	2 23	17 15	0 15	17 56	0 41	22 2	0 16	14 51	0 23	16 12	1 49
F26	22 22	11 10	4 2	21 14	1 59	8 20	2 26	17 27	0 14	17 56	0 41	22 1	0 16	14 50	0 23	16 12	1 49
S27	22 30	7 13	3 9	20 55	2 16	8 35	2 30	17 39	0 13	17 57	0 41	22 0	0 16	14 50	0 23	16 12	1 49
S28	22 36	2 53	2 4	20 37	2 32	8 51	2 33	17 51	0 13	17 57	0 41	21 59	0 16	14 49	0 23	16 11	1 49
M29	22 43	1n36	0 53	20 19	2 48	9 6	2 36	18 3	0 12	17 58	0 42	21 58	0 17	14 48	0 23	16 11	1 49
T30	22 49	5 59	0s22	20 1	3 3	9 22	2 39	18 15	0 11	17 58	0 42	21 57	0 17	14 48	0 23	16 10	1 49
W31	22n54	10n 0	1s34	19n44	3s17	9n38	2s41	18n26	0s11	17s59	0s42	21n56	0n17	14s47	0n23	16s10	1n48

Julian Day Number = 2259921.5, Delta T = 05m42s

Ecliptic obliquity = 23°30'18", Nutation = 0°00'03", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°25'13", Lahiri = 16°32'13" Julian Calendar 1 May 1475 == Greg. Calendar 10 May 1475

# ASTRODIENST EPHEMERIS for the year 1475

## geocentric

JUNE 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	17 11 20	18 <sup>II</sup> 21'31	13 <sup>8</sup> 41	18°R 5	2 <sup>8</sup> 48	23 <sup>8</sup> 52	11°R44	22 <sup>5</sup> 24	10°R55	20°R26	19 <sup>11</sup> 15	11°R49	10 <sup>12</sup> 39	9 <sup>11</sup> 6	29°R47	T 1
F 2	17 15 16	19°18'47	27°18	17 <sup>II</sup> 31	3°43	24°34	11 <sup>11</sup> 42	22°31	10 <sup>11</sup> 54	20 <sup>11</sup> 25	19°15	11 <sup>12</sup> 43	10°36	9°12	29 <sup>11</sup> 46	F 2
S 3	17 19 13	20°16'03	10 <sup>II</sup> 44	16°58	4°38	25°17	11°40	22°38	10°52	20°23	19°15	11°34	10°32	9°19	29°46	S 3
S 4	17 23 9	21°13'18	23°56	16°27	5°34	26° 0	11°37	22°45	10°50	20°22	19°16	11°24	10°29	9°26	29°45	S 4
M 5	17 27 6	22°10'33	6 <sup>5</sup> 53	15°57	6°30	26°42	11°35	22°52	10°48	20°21	19°16	11°12	10°26	9°32	29°45	M 5
T 6	17 31 2	23° 7'47	19°35	15°30	7°27	27°24	11°32	22°59	10°47	20°19	19°17	11° 0	10°23	9°39	29°44	T 6
W 7	17 34 59	24° 5'01	2 <sup>8</sup> 0	15° 6	8°24	28° 7	11°29	23° 6	10°45	20°18	19°17	10°50	10°20	9°46	29°43	W 7
T 8	17 38 56	25° 2'14	14°11	14°45	9°21	28°49	11°26	23°13	10°44	20°17	19°18	10°41	10°17	9°52	29°43	T 8
F 9	17 42 52	25°59'27	26°11	14°27	10°19	29°31	11°23	23°20	10°42	20°16	19°18	10°35	10°13	9°59	29°42	F 9
S 10	17 46 49	26°56'39	8 <sup>11</sup> 3	14°14	11°17	0 <sup>III</sup> 13	11°19	23°28	10°40	20°14	19°19	10°32	10°10	10° 6	29°41	S 10
S 11	17 50 45	27°53'51	19°52	14° 5	12°16	0°55	11°16	23°35	10°39	20°13	19°20	10°30	10° 7	10°12	29°40	S 11
M12	17 54 42	28°51'02	1 <sup>12</sup> 43	14°D 0	13°15	1°37	11°12	23°42	10°38	20°12	19°20	10°D30	10° 4	10°19	29°39	M12
T 13	17 58 38	29°48'13	13°42	14° 0	14°14	2°19	11° 8	23°49	10°36	20°11	19°21	10°R30	10° 1	10°26	29°38	T 13
W14	18 2 35	0 <sup>5</sup> 45'24	25°53	14° 5	15°14	3° 1	11° 4	23°57	10°35	20°10	19°22	10°29	9°57	10°32	29°37	W14
T 15	18 6 31	1°42'34	8 <sup>11</sup> 21	14°15	16°14	3°43	11° 0	24° 4	10°34	20° 8	19°22	10°27	9°54	10°39	29°36	T 15
F 16	18 10 28	2°39'44	21°12	14°30	17°15	4°25	10°55	24°11	10°32	20° 7	19°23	10°22	9°51	10°46	29°35	F 16
S 17	18 14 25	3°36'53	4 <sup>17</sup> 26	14°49	18°15	5° 7	10°51	24°19	10°31	20° 6	19°24	10°15	9°48	10°52	29°33	S 17
S 18	18 18 21	4°34'03	18° 5	15°14	19°16	5°48	10°46	24°26	10°30	20° 5	19°25	10° 5	9°45	10°59	29°32	S 18
M19	18 22 18	5°31'12	2 <sup>8</sup> 6	15°44	20°18	6°30	10°41	24°34	10°29	20° 4	19°26	9°54	9°42	11° 6	29°31	M19
T 20	18 26 14	6°28'22	16°25	16°18	21°19	7°12	10°36	24°41	10°28	20° 3	19°27	9°42	9°38	11°12	29°29	T 20
W21	18 30 11	7°25'32	0 <sup>16</sup> 56	16°58	22°21	7°53	10°31	24°49	10°27	20° 2	19°28	9°32	9°35	11°19	29°28	W21
T 22	18 34 7	8°22'42	15°32	17°42	23°23	8°35	10°25	24°56	10°26	20° 1	19°29	9°23	9°32	11°26	29°26	T 22
F 23	18 38 4	9°19'52	0 <sup>16</sup> 6	18°31	24°26	9°16	10°20	25° 4	10°25	20° 0	19°30	9°17	9°29	11°32	29°25	F 23
S 24	18 42 0	10°17'02	14°33	19°25	25°28	9°57	10°14	25°12	10°24	19°59	19°31	9°14	9°26	11°39	29°23	S 24
S 25	18 45 57	11°14'13	28°50	20°23	26°31	10°39	10° 9	25°19	10°23	19°59	19°32	9°13	9°23	11°46	29°21	S 25
M26	18 49 54	12°11'25	12°Y54	21°26	27°34	11°20	10° 3	25°27	10°23	19°58	19°33	9°13	9°19	11°52	29°20	M26
T 27	18 53 50	13° 8'37	26°45	22°34	28°38	12° 1	9°57	25°34	10°22	19°57	19°34	9°12	9°16	11°59	29°18	T 27
W28	18 57 47	14° 5'50	10 <sup>8</sup> 24	23°46	29°41	12°42	9°50	25°42	10°21	19°56	19°35	9°11	9°13	12° 6	29°16	W28
T 29	19 1 43	15° 3'04	23°51	25° 3	0 <sup>II</sup> 45	13°23	9°44	25°50	10°21	19°55	19°36	9° 7	9°10	12°12	29°14	T 29
F 30	19 5 40	16°5'018	7 <sup>II</sup> 6	26 <sup>II</sup> 24	1 <sup>II</sup> 49	14 <sup>II</sup> 4	9°38	25°57	10 <sup>11</sup> 20	19 <sup>11</sup> 55	19 <sup>11</sup> 37	9° 0	9° 7	12 <sup>11</sup> 19	29°12	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	
T 1	23n 0	13n26	2s41	19n28	3s31	9n55	2s44	18n38	0s10	18s 0	0s42	21n55	0n17	14s47	0n23	16s10	1n48	18n55	16n 0	4s41	4s14	5n41	5s53	6n 5
F 2	23 4	16 5	3 37	19 13	3 43	10 11	2 46	18 49	0 10	18 0	0 43	21 54	0 17	14 46	0 23	16 9	1 48	18 55	15 59	4 39	4 12	5 39	5 53	6 5
S 3	23 9	17 49	4 20	18 59	3 54	10 28	2 48	19 0	0 9	18 1	0 43	21 53	0 17	14 46	0 23	16 9	1 48	18 54	15 59	4 35	4 11	5 37	5 52	6 6
S 4	23 13	18 34	4 48	18 47	4 3	10 45	2 50	19 10	0 8	18 2	0 43	21 52	0 17	14 45	0 23	16 9	1 48	18 53	15 58	4 31	4 10	5 35	5 52	6 6
M 5	23 16	18 19	5 1	18 36	4 11	11 2	2 51	19 21	0 7	18 3	0 43	21 50	0 17	14 45	0 23	16 8	1 48	18 53	15 58	4 26	4 9	5 34	5 52	6 6
T 6	23 20	17 9	4 59	18 26	4 18	11 19	2 53	19 31	0 7	18 4	0 44	21 49	0 17	14 44	0 23	16 8	1 48	18 52	15 57	4 22	4 7	5 32	5 52	6 7
W 7	23 22	15 11	4 42	18 18	4 24	11 36	2 54	19 42	0 6	18 5	0 44	21 48	0 17	14 44	0 23	16 8	1 48	18 52	15 57	4 18	4 6	5 30	5 52	6 7
T 8	23 25	12 35	4 13	18 12	4 27	11 53	2 55	19 52	0 5	18 6	0 44	21 47	0 17	14 43	0 23	16 8	1 48	18 51	15 57	4 15	4 5	5 28	5 52	6 7
F 9	23 27	9 29	3 32	18 8	4 30	12 10	2 56	20 2	0 5	18 7	0 44	21 46	0 17	14 43	0 23	16 7	1 48	18 50	15 56	4 12	4 4	5 26	5 52	6 7
S 10	23 28	6 3	2 43	18 5	4 31	12 27	2 57	20 11	0 4	18 8	0 44	21 45	0 17	14 42	0 23	16 7	1 48	18 50	15 56	4 11	4 2	5 25	5 52	6 8
S 11	23 29	2 23	1 47	18 4	4 31	12 44	2 58	20 21	0 3	18 10	0 45	21 44	0 17	14 42	0 23	16 7	1 48	18 49	15 55	4 10	4 1	5 23	5 52	6 8
M12	23 30	1s24	0 46	18 5	4 29	13 1	2 58	20 30	0 3	18 11	0 45	21 42	0 18	14 41	0 23	16 6	1 48	18 48	15 55	4 10	4 0	5 21	5 52	6 8
T 13	23 30	5 9	0n17	18 8	4 26	13 19	2 59	20 39	0 2	18 12	0 45	21 41	0 18	14 41	0 23	16 6	1 48	18 48	15 54	4 10	3 59	5 19	5 52	6 9
W14	23 30	8 46	1 21	18 13	4 22	13 36	2 59	20 48	0 1	18 14	0 45	21 40	0 18	14 41	0 23	16 6	1 48	18 47	15 54	4 10	3 57	5 17	5 52	6 9
T 15	23 30	12 5	2 22	18 19	4 17	13 53	2 59	20 57	0 1	18 15	0 46	21 39	0 18	14 40	0 23	16 6	1 48	18 46	15 53	4 9	3 56	5 16	5 53	6 9
F 16	23 29	14 56	3 18	18 27	4 11	14 10	2 59	21 5	0n 0	18 16	0 46	21 38	0 18	14 40	0 23	16 5	1 48	18 46	15 53	4 7	3 55	5 14	5 53	6 9
S 17	23 27	17 5	4 5	18 36	4 4	14 27	2 59	21 13	0 1	18 18	0 46	21 36	0 18	14 40	0 23	16 5	1 48	18 45	15 52	4 4	3 54	5 12	5 53	6 10
S 18	23 26	18 20	4 39	18 47	3 56	14 43	2 59	21 21	0 1	18 19	0 46	21 35	0 18	14 39	0 23	16 5	1 48	18 44	15 52	4 0	3 52	5 10	5 53	6 10
M19	23 23	18 31	4 58	18 59	3 47	15 0	2 58	21 29	0 2	18 21	0 47	21 34	0 18	14 39	0 23	16 5	1 48	18 43	15 52	3 56	3 51	5 8	5 53	6 10
T 20	23 21	17 33	4 59	19 12	3 37	15 17	2 58	21 37	0 3	18 23	0 47	21 33	0 18	14 39	0 23	16 4	1 48	18 43	15 51	3 51	3 50	5 7	5 54	6 11
W21	23 18	15 27	4 40	19 26	3 27	15 33	2 57	21 44	0 3	18 24	0 47	21 31	0 18	14 38	0 23	16 4	1 48	18 42	15 51	3 47	3 49	5 5	5 54	6 11
T 22	23 14	12 21	4 4	19 41	3 16	15 49	2 56	21 52	0 4	18 26	0 47	21 30	0 18	14 38	0 23	16 4	1 48	18 41	15 50	3 44	3 47	5 3	5 54	6 11
F 23	23 11	8 29	3 11	19 57	3 4	16 5	2 56	21 59	0 5	18 28	0 47	21 29	0 18	14 38	0 23	16 4	1 48	18 40	15 50	3 41	3 46	5 1	5 54	6 11
S 24	23 6	4 9	2 6	20 13	2 52	16 21	2 55	22 6	0 6	18 29	0 48	21 27	0 18	14 37	0 23	16 4	1 47	18 39	15 49	3 40	3 45	4 59	5 55	6 12
S 25	23 2	0n22	0 55	20 30	2 40	16 37	2 53	22 12	0 6	18 31	0 48	21 26	0 19	14 37	0 23	16 3	1 47	18 39	15 49	3 40	3 44	4 58	5 55	6 12
M26	22 57	4 49	0s20	20 47	2 27	16 53	2 52	22 19	0 7	18 33	0 48	21 25	0 19	14 37	0 22	16 3	1 47	18 38	15 49	3 40	3 42	4 56	5 56	6 12
T 27	22 51	8 55	1 31	21 4	2 14	17 8	2 51	22 25	0 8	18 35	0 48	21 23	0 19	14 37	0 22	16 3	1 47	18 37	15 48	3 40	3 41	4 54	5 56	6 12
W28	22 45	12 30	2 37	21 21	2 1	17 23	2 49	22 31	0 8	18 37	0 49	21 22	0 19	14 37	0 22	16 3	1 47	18 36	15 48	3 39	3 40	4 52	5 56	6 12
T 29	22 49	15 21	3 33	21 37	1 48	17 38	2 48	22 37	0 9	18 39	0 49	21 21	0 19	14 36	0 22	16 3	1 47	18 35	15 47	3 37	3 38	4 50	5 57	6 13
F 30	22n33	17n21	4s16	21n53	1s34	17n52	2s46	22n43	0n10	18s41	0s49	21n19	0n19	14s36	0n22	16s 3	1n47	18n34	15n47	3s34	3s37	4n49	5s57	6n13

# ASTRODIENST EPHEMERIS for the year 1475

## geocentric

JULY 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	19 9 36	16°57'33	20°11 9	27°11 49	2°11 54	14°11 45	9°R31	26°5 5	10°R20	19°R54	19°11 39	8°R50	9°11 3	12°11 26	29°R10	S 1
S 2	19 13 33	17°54'48	3°11 1	29°19	3°58	15°26	9°24	26°13	10°11 19	19°11 53	19°40	8°11 38	9° 0	12°32	29°11 8	S 2
M 3	19 17 29	18°52'04	15°41	0°52	5° 3	16° 7	9°18	26°21	10°19	19°52	19°41	8°26	8°57	12°39	29° 6	M 3
T 4	19 21 26	19°49'21	28° 8	2°30	6° 8	16°48	9°11	26°28	10°18	19°52	19°43	8°13	8°54	12°46	29° 4	T 4
W 5	19 25 23	20°46'37	10°12 23	4°11	7°13	17°28	9° 4	26°36	10°18	19°51	19°44	8° 1	8°51	12°52	29° 2	W 5
T 6	19 29 19	21°43'55	22°27	5°55	8°18	18° 9	8°57	26°44	10°18	19°51	19°45	7°52	8°48	12°59	29° 0	T 6
F 7	19 33 16	22°41'13	4°11 22	7°43	9°24	18°50	8°49	26°52	10°17	19°50	19°47	7°45	8°44	13° 6	28°58	F 7
S 8	19 37 12	23°38'31	16°12	9°35	10°29	19°30	8°42	26°59	10°17	19°50	19°48	7°40	8°41	13°12	28°55	S 8
S 9	19 41 9	24°35'50	27°59	11°29	11°35	20°11	8°35	27° 7	10°17	19°49	19°49	7°38	8°38	13°19	28°53	S 9
M10	19 45 5	25°33'09	9°11 48	13°25	12°41	20°51	8°28	27°15	10°17	19°49	19°51	7°D38	8°35	13°26	28°51	M10
T 11	19 49 2	26°30'28	21°45	15°24	13°47	21°31	8°20	27°23	10°D17	19°48	19°52	7°R38	8°32	13°32	28°48	T 11
W12	19 52 58	27°27'48	3°11 55	17°25	14°54	22°12	8°13	27°30	10°17	19°48	19°54	7°38	8°29	13°39	28°46	W12
T 13	19 56 55	28°25'09	16°23	19°27	16° 0	22°52	8° 5	27°38	10°17	19°48	19°55	7°37	8°25	13°46	28°44	T 13
F 14	20 0 52	29°22'30	29°14	21°31	17° 7	23°32	7°57	27°46	10°17	19°47	19°57	7°33	8°22	13°52	28°41	F 14
S 15	20 4 48	0°19'52	12°11 32	23°36	18°14	24°12	7°50	27°54	10°18	19°47	19°59	7°28	8°19	13°59	28°39	S 15
S 16	20 8 45	1°17'15	26°17	25°41	19°21	24°52	7°42	28° 1	10°18	19°47	20° 0	7°20	8°16	14° 6	28°36	S 16
M17	20 12 41	2°14'38	10°11 29	27°46	20°28	25°32	7°34	28° 9	10°18	19°46	20° 2	7°10	8°13	14°12	28°34	M17
T 18	20 16 38	3°12'03	25° 4	29°52	21°35	26°12	7°27	28°17	10°19	19°46	20° 4	7° 1	8° 9	14°19	28°31	T 18
W19	20 20 34	4° 9'28	9°11 55	14°57	22°42	26°52	7°19	28°25	10°19	19°46	20° 5	6°52	8° 6	14°26	28°28	W19
T 20	20 24 31	5° 6'54	24°53	4° 2	23°50	27°32	7°11	28°32	10°19	19°46	20° 7	6°44	8° 3	14°32	28°26	T 20
F 21	20 28 27	6° 4'21	9°11 50	6° 6	24°58	28°11	7° 3	28°40	10°20	19°46	20° 9	6°39	8° 0	14°39	28°23	F 21
S 22	20 32 24	7° 1'49	24°37	8° 9	26° 5	28°51	6°55	28°48	10°20	19°46	20°10	6°37	7°57	14°46	28°20	S 22
S 23	20 36 21	7°59'19	9°11 9	10°11	27°13	29°31	6°48	28°56	10°21	19°46	20°12	6°D36	7°54	14°52	28°18	S 23
M24	20 40 17	8°56'50	23°22	12°12	28°21	0°11 10	6°40	29° 3	10°22	19°D46	20°14	6°37	7°50	14°59	28°15	M24
T 25	20 44 14	9°54'22	7°11 56	14°12	29°30	0°50	6°32	29°11	10°22	19°46	20°16	6°R38	7°47	15° 6	28°12	T 25
W26	20 48 10	10°51'56	20°10	16°11	0°53 38	1°29	6°24	29°19	10°23	19°46	20°18	6°37	7°44	15°12	28° 9	W26
T 27	20 52 7	11°49'32	4°11 7	18° 8	1°47	2° 9	6°16	29°26	10°24	19°46	20°19	6°35	7°41	15°19	28° 6	T 27
F 28	20 56 3	12°47'09	17° 7	20° 4	2°55	2°48	6° 9	29°34	10°25	19°46	20°21	6°31	7°38	15°25	28° 4	F 28
S 29	21 0 0	13°44'47	29°54	21°58	4° 4	3°27	6° 1	29°42	10°26	19°46	20°23	6°24	7°35	15°32	28° 1	S 29
S 30	21 3 56	14°42'27	12°11 28	23°51	5°13	4° 6	5°53	29°49	10°27	19°46	20°25	6°16	7°31	15°39	27°58	S 30
M31	21 7 53	15°14'00	24°51	25°14	6°22	4°54	5°46	29°57	10°28	19°47	20°27	6°11	7°28	15°45	27°55	M31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	22n26	18n24	4s45	22n 9	1s21	18n 6	2s45	22n48	0n10	18s43	0s49	21n18	0n19	14s36	0n22	16s 3
S 2	22 18	18 29	4 59	22 23	1 7	18 20	2 43	22 53	0 11	18 44	0 49	21 17	0 19	14 36	0 22	16 2
M 3	22 10	17 38	4 58	22 37	0 54	18 34	2 41	22 59	0 12	18 46	0 50	21 15	0 19	14 36	0 22	16 2
T 4	22 2	15 58	4 43	22 49	0 40	18 47	2 39	23 3	0 13	18 49	0 50	21 14	0 19	14 36	0 22	16 2
W 5	21 54	13 36	4 15	22 59	0 27	19 0	2 37	23 8	0 13	18 51	0 50	21 13	0 19	14 36	0 22	16 2
T 6	21 45	10 40	3 35	23 8	0 15	19 12	2 35	23 12	0 14	18 53	0 50	21 11	0 19	14 36	0 22	16 2
F 7	21 35	7 20	2 47	23 15	0 2	19 25	2 32	23 17	0 15	18 55	0 50	21 10	0 20	14 36	0 22	16 2
S 8	21 26	3 45	1 51	23 19	0n10	19 36	2 30	23 21	0 15	18 57	0 51	21 8	0 20	14 36	0 22	16 2
S 9	21 16	0 1	0 51	23 22	0 21	19 48	2 28	23 24	0 16	18 59	0 51	21 7	0 20	14 36	0 22	16 2
M10	21 5	3s43	0n12	23 21	0 32	19 59	2 25	23 28	0 17	19 1	0 51	21 5	0 20	14 36	0 22	16 2
T 11	20 55	7 21	1 15	23 19	0 42	20 9	2 23	23 31	0 18	19 3	0 51	21 4	0 20	14 36	0 22	16 2
W12	20 43	10 44	2 15	23 13	0 52	20 20	2 20	23 35	0 18	19 5	0 51	21 3	0 20	14 36	0 22	16 2
T 13	20 32	13 44	3 11	23 5	1 1	20 29	2 17	23 38	0 19	19 7	0 51	21 1	0 20	14 36	0 22	16 1
F 14	20 20	16 9	3 59	22 55	1 9	20 39	2 15	23 40	0 20	19 9	0 52	21 0	0 20	14 36	0 22	16 1
S 15	20 8	17 48	4 36	22 41	1 16	20 47	2 12	23 43	0 20	19 12	0 52	20 58	0 20	14 36	0 22	16 1
S 16	19 56	18 29	4 58	22 25	1 23	20 56	2 9	23 45	0 21	19 14	0 52	20 57	0 20	14 36	0 22	16 1
M17	19 43	18 3	5 3	22 6	1 28	21 4	2 6	23 48	0 22	19 16	0 52	20 55	0 20	14 36	0 22	16 1
T 18	19 30	16 26	4 49	21 45	1 33	21 11	2 3	23 50	0 23	19 18	0 52	20 54	0 20	14 36	0 22	16 1
W19	19 16	13 43	4 15	21 22	1 37	21 18	2 0	23 51	0 23	19 20	0 52	20 52	0 21	14 36	0 22	16 1
T 20	19 2	10 4	3 24	20 56	1 41	21 25	1 57	23 53	0 24	19 22	0 52	20 51	0 21	14 37	0 22	16 1
F 21	18 48	5 46	2 18	20 28	1 43	21 30	1 54	23 54	0 25	19 24	0 53	20 49	0 21	14 37	0 22	16 1
S 22	18 34	1 10	1 4	19 58	1 45	21 36	1 51	23 55	0 25	19 27	0 53	20 48	0 21	14 37	0 22	16 2
S 23	18 19	3n26	0s14	19 26	1 46	21 41	1 48	23 56	0 26	19 29	0 53	20 46	0 21	14 37	0 22	16 2
M24	18 4	7 44	1 29	18 53	1 46	21 45	1 45	23 57	0 27	19 31	0 53	20 45	0 21	14 38	0 22	16 2
T 25	17 49	11 30	2 37	18 18	1 46	21 49	1 41	23 58	0 28	19 33	0 53	20 43	0 21	14 38	0 22	16 2
W26	17 33	14 34	3 34	17 42	1 45	21 52	1 38	23 58	0 28	19 35	0 53	20 42	0 21	14 38	0 22	16 2
T 27	17 17	16 47	4 19	17 5	1 44	21 55	1 35	23 58	0 29	19 37	0 53	20 40	0 21	14 38	0 22	16 2
F 28	17 1	18 5	4 49	16 26	1 42	21 57	1 31	23 58	0 30	19 39	0 53	20 39	0 21	14 39	0 22	16 2
S 29	16 45	18 26	5 5	15 47	1 39	21 58	1 28	23 58	0 31	19 41	0 53	20 37	0 22	14 39	0 22	16 2
S 30	16 28	17 52	5 5	15 7	1 36	21 59	1 25	23 58	0 31	19 43	0 54	20 36	0 22	14 39	0 22	16 2
M31	16n11	16n27	4s51	14n26	1n32	22n 0	1s21	23n57	0n32	19s45	0s54	20n34	0n22	14s40	0n21	16s 2

Julian Day Number = 2259982.5, Delta T = 05m42s

Ecliptic obliquity = 23°30'17, Nutation = 0°00'03, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°25'21, Lahiri = 16°32'21 Julian Calendar 1 July 1475 == Greg. Calendar 10 July 1475



# ASTRODIENST EPHEMERIS for the year 1475

## geocentric

AUGUST 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	21 11 50	16♌37°51	7♌4	27♌33	7♌31	5♌25	5♌38	0♌4	10♌29	19♌47	20♌29	5♌57	7♌25	15♌52	27♌52	T 1
W 2	21 15 46	17°35'36	19°7	29°22	8°40	6°4	5♌31	0°12	10°30	19°47	20°31	5♌49	7°22	15°59	27°49	W 2
T 3	21 19 43	18°33'21	1♍4	1♍9	9°50	6°42	5°23	0°19	10°31	19°47	20°33	5°42	7°19	16°5	27°46	T 3
F 4	21 23 39	19°31'08	12°54	2°55	10°59	7°21	5°16	0°27	10°32	19°48	20°35	5°37	7°15	16°12	27°43	F 4
S 5	21 27 36	20°28'56	24°41	4°40	12°9	8°0	5°8	0°34	10°34	19°48	20°37	5°35	7°12	16°19	27°40	S 5
S 6	21 31 32	21°26'45	6♌27	6°23	13°19	8°39	5°1	0°42	10°35	19°49	20°39	5°D34	7°9	16°25	27°37	S 6
M 7	21 35 29	22°24'36	18°17	8°5	14°28	9°18	4°54	0°49	10°36	19°49	20°41	5°35	7°6	16°32	27°35	M 7
T 8	21 39 25	23°22'28	0♍14	9°45	15°38	9°56	4°47	0°57	10°38	19°49	20°43	5°36	7°3	16°39	27°32	T 8
W 9	21 43 22	24°20'21	12°23	11°24	16°48	10°35	4°40	1°4	10°39	19°50	20°45	5°37	7°0	16°45	27°29	W 9
T 10	21 47 19	25°18'16	24°49	13°2	17°58	11°13	4°33	1°11	10°41	19°51	20°47	5°R38	6°56	16°52	27°26	T 10
F 11	21 51 15	26°16'12	7♌37	14°38	19°9	11°52	4°26	1°19	10°42	19°51	20°49	5°37	6°53	16°59	27°23	F 11
S 12	21 55 12	27°14'09	20°50	16°13	20°19	12°30	4°20	1°26	10°44	19°52	20°51	5°35	6°50	17°5	27°20	S 12
S 13	21 59 8	28°12'08	4♌32	17°47	21°29	13°8	4°13	1°33	10°46	19°52	20°53	5°31	6°47	17°12	27°17	S 13
M14	22 3 5	29°10'08	18°43	19°20	22°40	13°47	4°7	1°40	10°47	19°53	20°55	5°27	6°44	17°19	27°14	M14
T 15	22 7 1	0♍8'09	3♌19	20°51	23°51	14°25	4°0	1°48	10°49	19°54	20°57	5°21	6°40	17°25	27°11	T 15
W16	22 10 58	1°6'12	18°16	22°20	25°1	15°3	3°54	1°55	10°51	19°54	21°0	5°17	6°37	17°32	27°8	W16
T 17	22 14 54	2°4'17	3♌26	23°49	26°12	15°41	3°48	2°2	10°53	19°55	21°2	5°13	6°34	17°39	27°5	T 17
F 18	22 18 51	3°2'23	18°38	25°16	27°23	16°19	3°42	2°9	10°55	19°56	21°4	5°10	6°31	17°45	27°2	F 18
S 19	22 22 48	4°0'31	3♌42	26°42	28°34	16°57	3°37	2°16	10°57	19°57	21°6	5°D9	6°28	17°52	26°59	S 19
S 20	22 26 44	4°58'40	18°32	28°6	29°45	17°35	3°31	2°23	10°59	19°58	21°8	5°10	6°25	17°59	26°56	S 20
M21	22 30 41	5°56'52	3♌0	29°29	0♌56	18°12	3°25	2°30	11°1	19°59	21°10	5°11	6°21	18°5	26°53	M21
T 22	22 34 37	6°55'06	17°4	0♌51	2°8	18°50	3°20	2°37	11°3	19°59	21°13	5°13	6°18	18°12	26°50	T 22
W23	22 38 34	7°53'22	0♌44	2°11	3°19	19°28	3°15	2°44	11°5	20°0	21°15	5°14	6°15	18°18	26°47	W23
T 24	22 42 30	8°51'40	14°0	3°30	4°30	20°5	3°10	2°50	11°7	20°1	21°17	5°R14	6°12	18°25	26°44	T 24
F 25	22 46 27	9°50'01	26°56	4°47	5°42	20°43	3°5	2°57	11°9	20°2	21°19	5°13	6°9	18°32	26°41	F 25
S 26	22 50 23	10°48'23	9♌33	6°2	6°54	21°20	3°0	3°4	11°11	20°3	21°21	5°10	6°6	18°38	26°39	S 26
S 27	22 54 20	11°46'48	21°56	7°16	8°5	21°58	2°56	3°11	11°14	20°5	21°24	5°7	6°2	18°45	26°36	S 27
M28	22 58 17	12°45'14	4♌7	8°28	9°17	22°35	2°51	3°17	11°16	20°6	21°26	5°4	5°59	18°52	26°33	M28
T 29	23 2 13	13°43'43	16°8	9°39	10°29	23°12	2°47	3°24	11°18	20°7	21°28	5°0	5°56	18°58	26°30	T 29
W30	23 6 10	14°42'13	28°3	10°47	11°41	23°49	2°43	3°30	11°21	20°8	21°30	4°57	5°53	19°5	26°27	W30
T 31	23 10 6	15♌40'46	9♌53	11♌54	12♌53	24♌26	2♌39	3♌37	11♌23	20♌9	21♌33	4♌54	5♌50	19♌12	26♌25	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	15n54	14n19	4s23	13n44	1n28	22n 0	1s18	23n56	0n33	19s47	0s54	20n33	0n22	14s40	0n21	16s 2
W 2	15 36	11 35	3 44	13 2	1 24	21 59	1 14	23 55	0 34	19 49	0 54	20 31	0 22	14 40	0 21	16 3
T 3	15 18	8 23	2 56	12 19	1 19	21 58	1 11	23 54	0 34	19 51	0 54	20 30	0 22	14 41	0 21	16 3
F 4	15 0	4 54	2 0	11 36	1 14	21 56	1 8	23 53	0 35	19 53	0 54	20 28	0 22	14 41	0 21	16 3
S 5	14 42	1 13	0 59	10 53	1 8	21 53	1 4	23 51	0 36	19 55	0 54	20 27	0 22	14 42	0 21	16 3
S 6	14 24	2s30	0n 5	10 10	1 2	21 50	1 1	23 50	0 37	19 56	0 54	20 25	0 22	14 42	0 21	16 3
M 7	14 5	6 8	1 9	9 26	0 56	21 46	0 57	23 48	0 37	19 58	0 54	20 24	0 22	14 42	0 21	16 3
T 8	13 46	9 33	2 10	8 42	0 50	21 42	0 54	23 46	0 38	20 0	0 54	20 22	0 22	14 43	0 21	16 4
W 9	13 27	12 38	3 7	7 58	0 43	21 37	0 50	23 44	0 39	20 2	0 54	20 21	0 23	14 43	0 21	16 4
T 10	13 7	15 12	3 56	7 14	0 36	21 31	0 47	23 41	0 39	20 3	0 54	20 19	0 23	14 44	0 21	16 4
F 11	12 48	17 7	4 35	6 31	0 29	21 25	0 43	23 39	0 40	20 5	0 54	20 18	0 23	14 44	0 21	16 4
S 12	12 28	18 10	5 2	5 47	0 22	21 19	0 40	23 36	0 41	20 7	0 54	20 16	0 23	14 45	0 21	16 4
S 13	12 8	18 14	5 12	5 3	0 14	21 11	0 36	23 33	0 42	20 8	0 55	20 15	0 23	14 46	0 21	16 5
M14	11 48	17 11	5 3	4 20	0 6	21 3	0 33	23 30	0 42	20 10	0 55	20 13	0 23	14 46	0 21	16 5
T 15	11 27	15 0	4 36	3 37	0s 1	20 55	0 29	23 26	0 43	20 11	0 55	20 12	0 23	14 47	0 21	16 5
W16	11 7	11 46	3 49	2 54	0 9	20 46	0 26	23 23	0 44	20 13	0 55	20 10	0 23	14 47	0 21	16 5
T 17	10 46	7 43	2 45	2 12	0 17	20 36	0 22	23 19	0 45	20 14	0 55	20 9	0 23	14 48	0 21	16 6
F 18	10 25	3 8	1 29	1 30	0 26	20 26	0 19	23 15	0 45	20 16	0 55	20 7	0 24	14 48	0 21	16 6
S 19	10 4	1n36	0 8	0 48	0 34	20 15	0 16	23 12	0 46	20 17	0 55	20 6	0 24	14 49	0 21	16 6
S 20	9 43	6 10	1s13	0 7	0 42	20 4	0 12	23 7	0 47	20 18	0 55	20 4	0 24	14 50	0 21	16 6
M21	9 21	10 15	2 27	0s34	0 51	19 52	0 9	23 3	0 48	20 20	0 55	20 3	0 24	14 50	0 21	16 7
T 22	9 0	13 37	3 30	1 15	0 59	19 39	0 6	22 59	0 49	20 21	0 55	20 1	0 24	14 51	0 21	16 7
W23	8 38	16 8	4 20	1 54	1 8	19 26	0 2	22 54	0 49	20 22	0 55	20 0	0 24	14 52	0 21	16 7
T 24	8 16	17 41	4 53	2 33	1 16	19 12	0n 1	22 49	0 50	20 23	0 55	19 58	0 24	14 52	0 21	16 8
F 25	7 54	18 17	5 11	3 12	1 25	18 58	0 4	22 44	0 51	20 25	0 55	19 57	0 24	14 53	0 21	16 8
S 26	7 32	17 57	5 14	3 50	1 33	18 43	0 7	22 39	0 52	20 26	0 55	19 55	0 24	14 54	0 21	16 8
S 27	7 10	16 45	5 1	4 27	1 41	18 28	0 10	22 34	0 52	20 27	0 55	19 54	0 25	14 55	0 21	16 9
M28	6 47	14 49	4 35	5 3	1 50	18 12	0 14	22 29	0 53	20 28	0 55	19 52	0 25	14 55	0 21	16 9
T 29	6 25	12 16	3 58	5 38	1 58	17 55	0 17	22 23	0 54	20 29	0 55	19 51	0 25	14 56	0 21	16 9
W30	6 2	9 13	3 10	6 13	2 6	17 39	0 20	22 18	0 55	20 30	0 55	19 50	0 25	14 57	0 21	16 10
T 31	5n40	5n49	2s14	6s47	2s14	17n21	0n23	22n12	0n55	20s30	0s55	19n48	0n25	14s58	0n21	16s10

Julian Day Number = 2260013.5, Delta T = 05m41s

Ecliptic obliquity = 23°30'18, Nutation = 0°00'04, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°25'25, Lahiri = 16°32'26 Julian Calendar 1 Aug. 1475 == Greg. Calendar 10 Aug. 1475



# ASTRODIENST EPHEMERIS for the year 1475

## geocentric

OCTOBER 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	1 12 19	16 <sup>11</sup> 13'36	24 <sup>11</sup> 15	10°R 6	20 <sup>11</sup> 43	12 <sup>11</sup> 55	2 <sup>11</sup> 15	6 <sup>11</sup> 24	12 <sup>11</sup> 56	20 <sup>11</sup> 58	22 <sup>11</sup> 41	4°R57	4 <sup>11</sup> 11	22 <sup>11</sup> 38	25°R16	S 1
M 2	1 16 16	17°11'14	6 <sup>11</sup> 18	9 <sup>11</sup> 8	21°57	13°29	2°17	6°29	13° 0	21° 0	22°43	4 <sup>11</sup> 56	4° 8	22°44	25°14	M 2
T 3	1 20 12	18°10'53	18°31	8°19	23°11	14° 4	2°20	6°33	13° 3	21° 2	22°45	4°54	4° 5	22°51	25°13	T 3
W 4	1 24 9	19°10'34	0 <sup>11</sup> 55	7°39	24°25	14°38	2°22	6°37	13° 7	21° 4	22°48	4°52	4° 2	22°58	25°11	W 4
T 5	1 28 5	20°10'18	13°31	7°10	25°40	15°12	2°25	6°41	13°10	21° 6	22°50	4°50	3°58	23° 4	25°10	T 5
F 6	1 32 2	21°10'03	26°23	6°52	26°54	15°46	2°28	6°44	13°14	21° 8	22°52	4°48	3°55	23°11	25° 9	F 6
S 7	1 35 59	22° 9'50	9 <sup>11</sup> 31	6°D45	28° 8	16°20	2°32	6°48	13°17	21°10	22°54	4°46	3°52	23°18	25° 8	S 7
S 8	1 39 55	23° 9'38	22°59	6°50	29°23	16°53	2°35	6°52	13°21	21°12	22°56	4°D46	3°49	23°24	25° 6	S 8
M 9	1 43 52	24° 9'28	6 <sup>11</sup> 47	7° 5	0 <sup>11</sup> 37	17°27	2°39	6°55	13°24	21°14	22°58	4°46	3°46	23°31	25° 5	M 9
T 10	1 47 48	25° 9'20	20°55	7°31	1°52	18° 0	2°43	6°59	13°28	21°16	23° 0	4°48	3°43	23°38	25° 4	T 10
W11	1 51 45	26° 9'14	5 <sup>11</sup> 24	8° 6	3° 6	18°34	2°47	7° 2	13°31	21°18	23° 2	4°49	3°39	23°44	25° 3	W11
T 12	1 55 41	27° 9'09	20° 8	8°50	4°21	19° 7	2°51	7° 5	13°35	21°21	23° 4	4°50	3°36	23°51	25° 2	T 12
F 13	1 59 38	28° 9'06	5 <sup>11</sup> 4	9°41	5°35	19°40	2°56	7° 8	13°39	21°23	23° 6	4°R51	3°33	23°58	25° 1	F 13
S 14	2 3 34	29° 9'04	20° 3	10°40	6°50	20°13	3° 0	7°11	13°42	21°25	23° 7	4°50	3°30	24° 4	25° 1	S 14
S 15	2 7 31	0 <sup>11</sup> 9'05	4 <sup>11</sup> 58	11°44	8° 5	20°46	3° 5	7°14	13°46	21°27	23° 9	4°48	3°27	24°11	25° 0	S 15
M16	2 11 28	1° 9'07	19°40	12°54	9°20	21°18	3°10	7°17	13°50	21°29	23°11	4°45	3°23	24°17	24°59	M16
T 17	2 15 24	2° 9'12	4 <sup>11</sup> 3	14° 9	10°34	21°51	3°15	7°20	13°53	21°31	23°13	4°41	3°20	24°24	24°58	T 17
W18	2 19 21	3° 9'18	18° 1	15°28	11°49	22°23	3°20	7°22	13°57	21°33	23°15	4°37	3°17	24°31	24°58	W18
T 19	2 23 17	4° 9'27	1 <sup>11</sup> 32	16°49	13° 4	22°56	3°26	7°25	14° 1	21°35	23°17	4°33	3°14	24°37	24°57	T 19
F 20	2 27 14	5° 9'38	14°36	18°14	14°19	23°28	3°32	7°27	14° 4	21°38	23°19	4°30	3°11	24°44	24°57	F 20
S 21	2 31 10	6° 9'51	27°16	19°41	15°34	24° 0	3°37	7°30	14° 8	21°40	23°20	4°28	3° 8	24°51	24°56	S 21
S 22	2 35 7	7°10'05	9 <sup>11</sup> 36	21°10	16°49	24°32	3°43	7°32	14°12	21°42	23°22	4°D27	3° 4	24°57	24°56	S 22
M23	2 39 3	8°10'22	21°40	22°41	18° 4	25° 4	3°50	7°34	14°15	21°44	23°24	4°28	3° 1	25° 4	24°56	M23
T 24	2 43 0	9°10'41	3 <sup>11</sup> 33	24°13	19°18	25°36	3°56	7°36	14°19	21°46	23°26	4°30	2°58	25°11	24°55	T 24
W25	2 46 57	10°11'02	15°21	25°46	20°33	26° 7	4° 2	7°38	14°23	21°49	23°27	4°32	2°55	25°17	24°55	W25
T 26	2 50 53	11°11'25	27° 8	27°20	21°49	26°39	4° 9	7°40	14°27	21°51	23°29	4°33	2°52	25°24	24°55	T 26
F 27	2 54 50	12°11'49	8 <sup>11</sup> 58	28°54	23° 4	27°10	4°16	7°41	14°30	21°53	23°31	4°R33	2°48	25°31	24°D55	F 27
S 28	2 58 46	13°12'16	20°54	0 <sup>11</sup> 29	24°19	27°41	4°23	7°43	14°34	21°55	23°32	4°32	2°45	25°37	24°55	S 28
S 29	3 2 43	14°12'44	3 <sup>11</sup> 0	2° 4	25°34	28°12	4°30	7°44	14°38	21°58	23°34	4°28	2°42	25°44	24°55	S 29
M30	3 6 39	15°13'14	15° 0	3°40	26°49	28°43	4°37	7°46	14°42	22° 0	23°35	4°23	2°39	25°51	24°55	M30
T 31	3 10 36	16°13'45	27°14	5 <sup>11</sup> 15	28° 4	29°13	4°45	7°47	14°45	22° 2	23°37	4°16	2°36	25°57	24°56	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	6s23	7s48	1n45	4s40	0s43	5n 2	1n27	18n16	1n21	20s35	0s53	19n11	0n29	15s27	0n20	16s24
M 2	6 46	11 3	2 45	3 59	0 23	4 33	1 28	18 7	1 22	20 34	0 53	19 10	0 29	15 28	0 20	16 25
T 3	7 9	13 53	3 39	3 21	0 3	4 5	1 29	17 58	1 23	20 33	0 53	19 10	0 29	15 29	0 20	16 25
W 4	7 32	16 7	4 23	2 48	0n16	3 36	1 30	17 49	1 23	20 33	0 53	19 9	0 29	15 30	0 20	16 26
T 5	7 54	17 36	4 55	2 20	0 34	3 7	1 31	17 40	1 24	20 32	0 53	19 8	0 30	15 31	0 20	16 27
F 6	8 17	18 14	5 13	1 57	0 51	2 38	1 32	17 31	1 25	20 31	0 53	19 7	0 30	15 32	0 20	16 27
S 7	8 39	17 55	5 15	1 41	1 6	2 9	1 32	17 21	1 26	20 30	0 53	19 6	0 30	15 33	0 20	16 28
S 8	9 1	16 36	5 1	1 31	1 19	1 40	1 33	17 12	1 27	20 29	0 53	19 6	0 30	15 34	0 20	16 28
M 9	9 24	14 18	4 28	1 26	1 31	1 11	1 34	17 3	1 28	20 28	0 53	19 5	0 30	15 35	0 20	16 29
T 10	9 46	11 5	3 39	1 27	1 41	0 42	1 34	16 53	1 29	20 28	0 53	19 4	0 30	15 36	0 20	16 29
W11	10 7	7 9	2 36	1 33	1 49	0 12	1 34	16 44	1 30	20 27	0 52	19 3	0 30	15 38	0 20	16 30
T 12	10 29	2 41	1 20	1 44	1 56	0s17	1 35	16 34	1 31	20 25	0 52	19 3	0 31	15 39	0 20	16 31
F 13	10 51	2n 0	0s 1	2 0	2 1	0 47	1 35	16 24	1 32	20 24	0 52	19 2	0 31	15 40	0 20	16 31
S 14	11 12	6 35	1 23	2 19	2 5	1 16	1 35	16 15	1 32	20 23	0 52	19 1	0 31	15 41	0 20	16 32
S 15	11 33	10 43	2 38	2 42	2 8	1 46	1 35	16 5	1 33	20 22	0 52	19 1	0 31	15 42	0 20	16 32
M16	11 54	14 8	3 42	3 7	2 9	2 15	1 35	15 56	1 34	20 21	0 52	19 0	0 31	15 43	0 20	16 33
T 17	12 15	16 35	4 30	3 36	2 10	2 45	1 35	15 46	1 35	20 20	0 52	19 0	0 31	15 44	0 20	16 33
W18	12 36	17 58	5 1	4 7	2 10	3 14	1 35	15 36	1 36	20 18	0 52	18 59	0 31	15 45	0 20	16 34
T 19	12 56	18 16	5 13	4 39	2 8	3 43	1 34	15 26	1 37	20 17	0 52	18 59	0 32	15 46	0 20	16 35
F 20	13 17	17 35	5 9	5 13	2 6	4 13	1 34	15 17	1 38	20 16	0 52	18 58	0 32	15 47	0 20	16 35
S 21	13 37	16 2	4 49	5 49	2 4	4 42	1 34	15 7	1 39	20 14	0 52	18 58	0 32	15 49	0 20	16 36
S 22	13 57	13 46	4 17	6 25	2 0	5 11	1 33	14 57	1 40	20 13	0 52	18 57	0 32	15 50	0 20	16 36
M23	14 16	10 57	3 34	7 3	1 56	5 40	1 33	14 47	1 41	20 11	0 52	18 57	0 32	15 51	0 20	16 37
T 24	14 36	7 43	2 42	7 41	1 52	6 9	1 32	14 37	1 42	20 9	0 52	18 57	0 32	15 52	0 20	16 37
W25	14 55	4 12	1 43	8 19	1 47	6 38	1 31	14 27	1 43	20 8	0 51	18 56	0 33	15 53	0 20	16 38
T 26	15 14	0 32	0 41	8 58	1 42	7 7	1 31	14 18	1 44	20 6	0 51	18 56	0 33	15 54	0 20	16 39
F 27	15 32	3s12	0n24	9 36	1 37	7 36	1 30	14 8	1 45	20 5	0 51	18 56	0 33	15 55	0 20	16 39
S 28	15 51	6 49	1 28	10 15	1 31	8 4	1 29	13 58	1 46	20 3	0 51	18 55	0 33	15 56	0 20	16 40
S 29	16 9	10 13	2 29	10 54	1 25	8 32	1 28	13 48	1 47	20 1	0 51	18 55	0 33	15 57	0 20	16 40
M30	16 27	13 13	3 23	11 32	1 19	9 1	1 27	13 38	1 48	19 59	0 51	18 55	0 33	15 59	0 20	16 41
T 31	16s44	15s41	4n 9	12s10	1n13	9s28	1n26	13n29	1n49	19s57	0s51	18n55	0n33	16s 0	0n20	16s42

Julian Day Number = 2260074.5, Delta T = 05m41s

Ecliptic obliquity = 23°30'18", Nutation = 0°00'00", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°25'34", Lahiri = 16°32'34" Julian Calendar 1 Oct. 1475 == Greg. Calendar 10 Oct. 1475

ASTRODIENST EPHEMERIS for the year 1475  
geocentric

NOVEMBER 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	3 14 32	17 <sup>m</sup> 14'18	10 <sup>m</sup> 29	6 <sup>m</sup> 51	29 <sup>m</sup> 19	29 <sup>m</sup> 14	4 <sup>m</sup> 53	7 <sup>m</sup> 48	14 <sup>m</sup> 49	22 <sup>m</sup> 4	23 <sup>m</sup> 39	4 <sup>m</sup> 8	2 <sup>m</sup> 33	26 <sup>m</sup> 4	24 <sup>m</sup> 56	W 1
T 2	3 18 29	18°14'53	23°24	8°27	0 <sup>m</sup> 34	0 <sup>m</sup> 14	5° 0	7°49	14°53	22° 7	23°40	4 <sup>m</sup> 0	2°29	26°10	24°56	T 2
F 3	3 22 26	19°15'29	6 <sup>m</sup> 32	10° 3	1°50	0°44	5° 8	7°50	14°56	22° 9	23°42	3°53	2°26	26°17	24°57	F 3
S 4	3 26 22	20°16'06	19°52	11°38	3° 5	1°14	5°16	7°51	15° 0	22°11	23°43	3°47	2°23	26°24	24°57	S 4
S 5	3 30 19	21°16'45	3 <sup>m</sup> 24	13°14	4°20	1°44	5°24	7°51	15° 4	22°13	23°44	3°43	2°20	26°30	24°57	S 5
M 6	3 34 15	22°17'24	17° 9	14°49	5°35	2°13	5°33	7°52	15° 8	22°16	23°46	3°D42	2°17	26°37	24°58	M 6
T 7	3 38 12	23°18'05	1 <sup>m</sup> 7	16°25	6°51	2°43	5°41	7°52	15°11	22°18	23°47	3°42	2°14	26°44	24°59	T 7
W 8	3 42 8	24°18'47	15°17	18° 0	8° 6	3°12	5°50	7°53	15°15	22°20	23°48	3°43	2°10	26°50	24°59	W 8
T 9	3 46 5	25°19'30	29°38	19°35	9°21	3°41	5°59	7°53	15°19	22°22	23°50	3°R43	2° 7	26°57	25° 0	T 9
F 10	3 50 1	26°20'13	14 <sup>m</sup> 8	21°10	10°36	4°10	6° 8	7°R53	15°22	22°25	23°51	3°43	2° 4	27° 4	25° 1	F 10
S 11	3 53 58	27°20'58	28°43	22°45	11°52	4°38	6°17	7°53	15°26	22°27	23°52	3°41	2° 1	27°10	25° 2	S 11
S 12	3 57 54	28°21'44	13 <sup>m</sup> 17	24°20	13° 7	5° 7	6°26	7°53	15°30	22°29	23°54	3°36	1°58	27°17	25° 3	S 12
M13	4 1 51	29°22'32	27°44	25°54	14°22	5°35	6°35	7°53	15°33	22°31	23°55	3°28	1°54	27°24	25° 4	M13
T 14	4 5 48	0 <sup>m</sup> 23'20	11 <sup>m</sup> 57	27°29	15°38	6° 3	6°45	7°52	15°37	22°34	23°56	3°19	1°51	27°30	25° 5	T 14
W15	4 9 44	1°24'10	25°52	29° 3	16°53	6°31	6°54	7°52	15°41	22°36	23°57	3° 9	1°48	27°37	25° 6	W15
T 16	4 13 41	2°25'01	9 <sup>m</sup> 23	0 <sup>m</sup> 38	18° 9	6°58	7° 4	7°51	15°44	22°38	23°58	2°59	1°45	27°44	25° 7	T 16
F 17	4 17 37	3°25'54	22°30	2°12	19°24	7°26	7°14	7°50	15°48	22°40	23°59	2°50	1°42	27°50	25° 8	F 17
S 18	4 21 34	4°26'48	5 <sup>m</sup> 13	3°46	20°39	7°53	7°24	7°50	15°52	22°43	24° 0	2°44	1°39	27°57	25°10	S 18
S 19	4 25 30	5°27'43	17°35	5°21	21°55	8°20	7°34	7°49	15°55	22°45	24° 1	2°40	1°35	28° 3	25°11	S 19
M20	4 29 27	6°28'39	29°41	6°55	23°10	8°46	7°44	7°48	15°59	22°47	24° 2	2°38	1°32	28°10	25°12	M20
T 21	4 33 24	7°29'37	11 <sup>m</sup> 35	8°29	24°26	9°13	7°54	7°47	16° 2	22°49	24° 3	2°D38	1°29	28°17	25°14	T 21
W22	4 37 20	8°30'35	23°23	10° 3	25°41	9°39	8° 4	7°45	16° 6	22°51	24° 4	2°38	1°26	28°23	25°15	W22
T 23	4 41 17	9°31'35	5 <sup>m</sup> 10	11°38	26°57	10° 5	8°15	7°44	16° 9	22°54	24° 5	2°R39	1°23	28°30	25°17	T 23
F 24	4 45 13	10°32'36	17° 2	13°12	28°12	10°31	8°26	7°42	16°13	22°56	24° 6	2°37	1°20	28°37	25°19	F 24
S 25	4 49 10	11°33'38	29° 4	14°46	29°27	10°56	8°36	7°41	16°16	22°58	24° 7	2°34	1°16	28°43	25°20	S 25
S 26	4 53 6	12°34'42	11 <sup>m</sup> 18	16°21	0 <sup>m</sup> 43	11°21	8°47	7°39	16°20	23° 0	24° 7	2°28	1°13	28°50	25°22	S 26
M27	4 57 3	13°35'46	23°48	17°55	1°58	11°46	8°58	7°37	16°23	23° 2	24° 8	2°19	1°10	28°57	25°24	M27
T 28	5 0 59	14°36'51	6 <sup>m</sup> 35	19°30	3°14	12°11	9° 9	7°36	16°27	23° 4	24° 9	2° 8	1° 7	29° 3	25°26	T 28
W29	5 4 56	15°37'57	19°39	21° 5	4°29	12°35	9°20	7°34	16°30	23° 7	24°10	1°55	1° 4	29°10	25°28	W29
T 30	5 8 53	16 <sup>m</sup> 39'03	2 <sup>m</sup> 58	22 <sup>m</sup> 40	5 <sup>m</sup> 45	12 <sup>m</sup> 59	9 <sup>m</sup> 32	7 <sup>m</sup> 31	16 <sup>m</sup> 33	23 <sup>m</sup> 9	24 <sup>m</sup> 10	1 <sup>m</sup> 42	1 <sup>m</sup> 0	29 <sup>m</sup> 17	25 <sup>m</sup> 30	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	17s 2	17s25	4n43	12s48	1n 6	9s56	1n25	13n19	1n50	19s55	0s51	18n55	0n34	16s 1	0n20	16s42	1n41	16n59	15n48	1s39	1s 1	1n 2	7s41	5n54	
T 2	17 19	18 17	5 3	13 25	1 0	10 24	1 24	13 9	1 51	19 53	0 51	18 55	0 34	16 2	0 20	16 43	1 41	16 59	15 48	1 36	1 0	1 0	7 41	5 53	
F 3	17 35	18 13	5 8	14 2	0 53	10 51	1 23	12 59	1 52	19 51	0 51	18 54	0 34	16 3	0 20	16 43	1 41	16 59	15 48	1 33	0 58	0 58	7 42	5 53	
S 4	17 52	17 8	4 57	14 38	0 46	11 18	1 21	12 50	1 53	19 49	0 51	18 54	0 34	16 4	0 20	16 44	1 41	16 58	15 49	1 30	0 57	0 57	7 42	5 53	
S 5	18 8	15 6	4 28	15 13	0 40	11 45	1 20	12 40	1 54	19 47	0 51	18 54	0 34	16 5	0 20	16 44	1 41	16 58	15 49	1 29	0 56	0 55	7 42	5 52	
M 6	18 24	12 10	3 44	15 48	0 33	12 11	1 19	12 30	1 55	19 45	0 51	18 54	0 34	16 6	0 20	16 45	1 41	16 58	15 50	1 28	0 55	0 53	7 42	5 52	
T 7	18 39	8 31	2 47	16 23	0 26	12 37	1 17	12 21	1 56	19 43	0 51	18 54	0 35	16 7	0 20	16 46	1 41	16 58	15 50	1 28	0 53	0 51	7 42	5 51	
W 8	18 54	4 19	1 38	16 56	0 19	13 3	1 16	12 11	1 57	19 41	0 51	18 55	0 35	16 8	0 20	16 46	1 41	16 58	15 51	1 29	0 52	0 49	7 43	5 51	
T 9	19 9	0n11	0 22	17 29	0 12	13 29	1 14	12 1	1 58	19 39	0 51	18 55	0 35	16 10	0 20	16 47	1 41	16 58	15 51	1 29	0 51	0 47	7 43	5 51	
F 10	19 23	4 44	0s56	18 1	0 5	13 54	1 13	11 52	1 59	19 36	0 51	18 55	0 35	16 11	0 20	16 47	1 41	16 58	15 52	1 29	0 49	0 46	7 43	5 50	
S 11	19 37	9 1	2 10	18 32	0s 1	14 19	1 11	11 42	2 1	19 34	0 50	18 55	0 35	16 12	0 20	16 48	1 41	16 58	15 52	1 28	0 48	0 44	7 43	5 50	
S 12	19 51	12 45	3 16	19 2	0 8	14 43	1 9	11 33	2 2	19 32	0 50	18 55	0 35	16 13	0 20	16 48	1 41	16 58	15 53	1 26	0 47	0 42	7 43	5 49	
M13	20 4	15 40	4 8	19 31	0 15	15 7	1 7	11 24	2 3	19 29	0 50	18 55	0 36	16 14	0 20	16 49	1 41	16 58	15 53	1 23	0 46	0 40	7 43	5 49	
T 14	20 17	17 35	4 44	20 0	0 21	15 31	1 6	11 14	2 4	19 27	0 50	18 56	0 36	16 15	0 20	16 50	1 41	16 58	15 54	1 19	0 44	0 38	7 43	5 49	
W15	20 30	18 24	5 3	20 27	0 28	15 54	1 4	11 5	2 5	19 24	0 50	18 56	0 36	16 16	0 20	16 50	1 41	16 58	15 54	1 15	0 43	0 36	7 43	5 48	
T 16	20 42	18 8	5 3	20 54	0 34	16 17	1 2	10 56	2 6	19 22	0 50	18 56	0 36	16 17	0 20	16 51	1 41	16 58	15 55	1 11	0 42	0 35	7 43	5 48	
F 17	20 54	16 54	4 47	21 19	0 41	16 40	1 0	10 46	2 7	19 19	0 50	18 56	0 36	16 18	0 20	16 51	1 41	16 58	15 55	1 8	0 41	0 33	7 43	5 47	
S 18	21 5	14 51	4 18	21 44	0 47	17 2	0 58	10 37	2 9	19 17	0 50	18 57	0 36	16 19	0 20	16 52	1 41	16 58	15 56	1 5	0 39	0 31	7 43	5 47	
S 19	21 16	12 10	3 37	22 7	0 53	17 24	0 56	10 28	2 10	19 14	0 50	18 57	0 37	16 20	0 20	16 52	1 41	16 58	15 56	1 4	0 38	0 29	7 43	5 47	
M20	21 27	9 1	2 47	22 29	0 59	17 45	0 54	10 19	2 11	19 12	0 50	18 58	0 37	16 21	0 20	16 53	1 41	16 58	15 57	1 3	0 37	0 27	7 43	5 46	
T 21	21 37	5 33	1 50	22 51	1 5	18 5	0 52	10 10	2 12	19 9	0 50	18 58	0 37	16 22	0 20	16 53	1 41	16 58	15 57	1 3	0 36	0 25	7 43	5 46	
W22	21 47	1 53	0 49	23 11	1 10	18 26	0 50	10 2	2 13	19 6	0 50	18 59	0 37	16 23	0 20	16 54	1 42	16 58	15 58	1 3	0 34	0 23	7 43	5 45	
T 23	21 56	1s51	0n13	23 29	1 16	18 45	0 48	9 53	2 14	19 3	0 50	18 59	0 37	16 24	0 20	16 55	1 42	16 58	15 59	1 3	0 33	0 22	7 42	5 45	
F 24	22 5	5 32	1 16	23 47	1 21	19 5	0 45	9 44	2 16	19 0	0 50	19 0	0 37	16 25	0 20	16 55	1 42	16 58	15 59	1 3	0 32	0 20	7 42	5 45	
S 25	22 14	9 3	2 16	24 3	1 26	19 23	0 43	9 36	2 17	18 58	0 50	19 0	0 38	16 26	0 20	16 56	1 42	16 59	16 0	1 1	0 30	0 18	7 42	5 44	
S 26	22 22	12 15	3 10	24 19	1 31	19 41	0 41	9 27	2 18	18 55	0 50	19 1	0 38	16 27	0 20	16 56	1 42	16 59	16 0	0 59	0 29	0 16	7 42	5 44	
M27	22 30	14 57	3 57	24 32	1 36	19 59	0 39	9 19	2 19	18 52	0 50	19 1	0 38	16 28	0 20	16 57	1 42	16 59	16 1	0 56	0 28	0 14	7 42	5 44	
T 28	22 37	17 0	4 32	24 45	1 40	20 16	0 36	9 10	2 21	18 49	0 50	19 2	0 38	16 29	0 20	16 57	1 42	16 59	16 1	0 51	0 27	0 12	7 41	5 43	
W29	22 44	18 12	4 54	24 56	1 44	20 32	0 34	9 2	2 22	18 46	0 50	19 3	0 38	16 30	0 20	16 58	1 42	16 59	16 2	0 46	0 25	0 11	7 41	5 43	
T 30	22s50	18s27	5n 1	25s 6	1s48	20s48	0n32	8n54	2n23	18s43	0s50	19n 3	0n38	16s31	0n20	16s58	1n42	17n 0	16n 2	0s41	0s24	0n 9	7s41	5n42	

ASTRODIENST EPHEMERIS for the year 1475  
geocentric

DECEMBER 1475 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	5 12 49	17°40'10	16°31	24°15	7°0	13°23	9°43	7°R29	16°37	23°11	24°11	1°R30	0°57	29°23	25°32	F 1
S 2	5 16 46	18°41'18	0°13	25°50	8°16	13°46	9°54	7°27	16°40	23°13	24°12	1°20	0°54	29°30	25°34	S 2
S 3	5 20 42	19°42'26	14° 3	27°25	9°31	14°10	10° 6	7°25	16°43	23°15	24°12	1°13	0°51	29°36	25°36	S 3
M 4	5 24 39	20°43'34	27°59	29° 0	10°47	14°32	10°18	7°22	16°47	23°17	24°13	1° 9	0°48	29°43	25°38	M 4
T 5	5 28 35	21°44'42	11°59	0°36	12° 2	14°55	10°29	7°19	16°50	23°19	24°13	1° 8	0°45	29°50	25°40	T 5
W 6	5 32 32	22°45'51	26° 2	2°11	13°18	15°17	10°41	7°17	16°53	23°21	24°14	1° 7	0°41	29°56	25°42	W 6
T 7	5 36 28	23°46'59	10°8	3°47	14°33	15°39	10°53	7°14	16°56	23°23	24°14	1° 7	0°38	0° 3	25°45	T 7
F 8	5 40 25	24°48'08	24°16	5°23	15°49	16° 0	11° 5	7°11	16°59	23°25	24°14	1° 6	0°35	0°10	25°47	F 8
S 9	5 44 22	25°49'16	8°25	6°58	17° 4	16°21	11°17	7° 8	17° 2	23°27	24°15	1° 2	0°32	0°16	25°50	S 9
S 10	5 48 18	26°50'25	22°31	8°34	18°20	16°42	11°29	7° 5	17° 6	23°29	24°15	0°55	0°29	0°23	25°52	S 10
M 11	5 52 15	27°51'34	6°32	10° 9	19°35	17° 3	11°42	7° 2	17° 9	23°31	24°15	0°45	0°26	0°30	25°55	M 11
T 12	5 56 11	28°52'43	20°23	11°45	20°51	17°23	11°54	6°58	17°12	23°33	24°15	0°33	0°22	0°36	25°57	T 12
W 13	6 0 8	29°53'53	3°59	13°20	22° 6	17°42	12° 6	6°55	17°15	23°35	24°16	0°20	0°19	0°43	26° 0	W 13
T 14	6 4 4	0°55'02	17°19	14°54	23°22	18° 2	12°19	6°52	17°18	23°37	24°16	0° 7	0°16	0°50	26° 2	T 14
F 15	6 8 1	1°56'12	0°18	16°29	24°37	18°21	12°31	6°48	17°21	23°39	24°16	29°55	0°13	0°56	26° 5	F 15
S 16	6 11 57	2°57'22	12°58	18° 2	25°53	18°39	12°44	6°45	17°23	23°40	24°16	29°45	0°10	1° 3	26° 8	S 16
S 17	6 15 54	3°58'32	25°20	19°35	27° 8	18°57	12°57	6°41	17°26	23°42	24°16	29°38	0° 6	1°10	26°11	S 17
M 18	6 19 51	4°59'42	7°26	21° 7	28°24	19°15	13°10	6°37	17°29	23°44	24°16	29°34	0° 3	1°16	26°14	M 18
T 19	6 23 47	6° 0'52	19°20	22°37	29°39	19°32	13°22	6°33	17°32	23°46	24°16	29°33	0° 0	1°23	26°16	T 19
W 20	6 27 44	7° 2'03	1° 9	24° 6	0°55	19°49	13°35	6°29	17°35	23°48	24°16	29°33	29°57	1°29	26°19	W 20
T 21	6 31 40	8° 3'13	12°56	25°33	2°10	20° 5	13°48	6°26	17°37	23°49	24°16	29°33	29°54	1°36	26°22	T 21
F 22	6 35 37	9° 4'24	24°49	26°58	3°26	20°21	14° 1	6°21	17°40	23°51	24°16	29°32	29°51	1°43	26°25	F 22
S 23	6 39 33	10° 5'35	6°52	28°19	4°41	20°36	14°15	6°17	17°43	23°53	24°16	29°29	29°47	1°49	26°28	S 23
S 24	6 43 30	11° 6'46	19°10	29°38	5°57	20°51	14°28	6°13	17°45	23°55	24°16	29°23	29°44	1°56	26°31	S 24
M 25	6 47 26	12° 7'57	1°47	0°53	7°12	21° 6	14°41	6° 9	17°48	23°56	24°16	29°15	29°41	2° 3	26°35	M 25
T 26	6 51 23	13° 9'08	14°45	2° 3	8°28	21°19	14°54	6° 5	17°50	23°58	24°15	29° 4	29°38	2° 9	26°38	T 26
W 27	6 55 20	14°10'18	28° 6	3° 8	9°43	21°33	15° 8	6° 0	17°53	24° 0	24°15	28°52	29°35	2°16	26°41	W 27
T 28	6 59 16	15°11'29	11°47	4° 7	10°59	21°46	15°21	5°56	17°55	24° 1	24°15	28°40	29°32	2°23	26°44	T 28
F 29	7 3 13	16°12'39	25°44	5° 0	12°14	21°58	15°35	5°51	17°58	24° 3	24°14	28°28	29°28	2°29	26°47	F 29
S 30	7 7 9	17°13'48	9°55	5°44	13°29	22°10	15°48	5°47	18° 0	24° 4	24°14	28°18	29°25	2°36	26°51	S 30
S 31	7 11 6	18°14'57	24°12	6°20	14°45	22°21	16° 2	5°42	18° 2	24° 6	24°14	28°11	29°22	2°43	26°54	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	22s56	17s40	4n51	25s15	1s52	21s 3	0n30	8n46	2n24	18s40	0s50	19n 4	0n38	16s32	0n20	16s59
S 2	23 1	15 51	4 24	25 22	1 55	21 18	0 27	8 38	2 26	18 37	0 50	19 5	0 39	16 33	0 20	16 59
S 3	23 6	13 7	3 42	25 27	1 59	21 32	0 25	8 31	2 27	18 33	0 50	19 6	0 39	16 34	0 20	17 0
M 4	23 11	9 37	2 46	25 32	2 1	21 45	0 22	8 23	2 28	18 30	0 50	19 6	0 39	16 35	0 20	17 0
T 5	23 15	5 33	1 40	25 34	2 4	21 58	0 20	8 15	2 30	18 27	0 49	19 7	0 39	16 36	0 20	17 1
W 6	23 18	1 10	0 27	25 35	2 6	22 10	0 18	8 8	2 31	18 24	0 49	19 8	0 39	16 37	0 20	17 1
T 7	23 21	3n18	0s48	25 35	2 8	22 21	0 15	8 1	2 32	18 20	0 49	19 9	0 39	16 38	0 20	17 2
F 8	23 24	7 35	1 59	25 33	2 9	22 32	0 13	7 54	2 34	18 17	0 49	19 10	0 40	16 39	0 20	17 2
S 9	23 26	11 27	3 3	25 29	2 10	22 42	0 10	7 47	2 35	18 14	0 49	19 11	0 40	16 39	0 20	17 3
S 10	23 28	14 39	3 56	25 24	2 11	22 52	0 8	7 40	2 37	18 10	0 49	19 12	0 40	16 40	0 20	17 3
M 11	23 29	16 57	4 34	25 18	2 11	23 0	0 6	7 33	2 38	18 7	0 49	19 13	0 40	16 41	0 20	17 3
T 12	23 30	18 14	4 56	25 9	2 11	23 8	0 3	7 27	2 39	18 3	0 49	19 14	0 40	16 42	0 20	17 4
W 13	23 30	18 27	5 0	24 59	2 10	23 15	0 1	7 20	2 41	18 0	0 49	19 15	0 40	16 43	0 20	17 4
T 14	23 30	17 38	4 47	24 48	2 9	23 22	0s 2	7 14	2 42	17 56	0 49	19 16	0 41	16 44	0 20	17 5
F 15	23 29	15 55	4 20	24 35	2 7	23 28	0 4	7 8	2 44	17 53	0 49	19 17	0 41	16 45	0 20	17 5
S 16	23 28	13 27	3 40	24 20	2 4	23 33	0 7	7 2	2 45	17 49	0 49	19 18	0 41	16 45	0 20	17 6
S 17	23 27	10 26	2 51	24 4	2 1	23 37	0 9	6 56	2 47	17 46	0 49	19 19	0 41	16 46	0 20	17 6
M 18	23 25	7 2	1 54	23 46	1 57	23 41	0 11	6 51	2 48	17 42	0 49	19 20	0 41	16 47	0 20	17 7
T 19	23 22	3 24	0 54	23 27	1 52	23 44	0 14	6 45	2 50	17 38	0 49	19 21	0 41	16 48	0 20	17 7
W 20	23 19	0s20	0n 9	23 6	1 47	23 46	0 16	6 40	2 51	17 35	0 49	19 22	0 41	16 48	0 20	17 7
T 21	23 16	4 3	1 11	22 44	1 40	23 48	0 18	6 35	2 53	17 31	0 49	19 23	0 42	16 49	0 20	17 8
F 22	23 12	7 37	2 10	22 21	1 33	23 48	0 21	6 30	2 54	17 27	0 49	19 24	0 42	16 50	0 20	17 8
S 23	23 7	10 56	3 4	21 57	1 25	23 48	0 23	6 25	2 56	17 23	0 49	19 26	0 42	16 51	0 20	17 9
S 24	23 2	13 51	3 51	21 32	1 16	23 48	0 25	6 21	2 57	17 19	0 49	19 27	0 42	16 51	0 20	17 9
M 25	22 57	16 12	4 28	21 6	1 6	23 46	0 28	6 17	2 59	17 15	0 49	19 28	0 42	16 52	0 20	17 9
T 26	22 51	17 47	4 52	20 40	0 56	23 44	0 30	6 12	3 0	17 12	0 49	19 29	0 42	16 53	0 20	17 10
W 27	22 45	18 28	5 1	20 13	0 44	23 41	0 32	6 9	3 2	17 8	0 49	19 30	0 42	16 54	0 20	17 10
T 28	22 38	18 6	4 54	19 47	0 31	23 37	0 34	6 5	3 3	17 4	0 49	19 32	0 43	16 54	0 20	17 10
F 29	22 31	16 39	4 29	19 20	0 17	23 33	0 37	6 2	3 5	17 0	0 49	19 33	0 43	16 55	0 20	17 11
S 30	22 23	14 11	3 46	18 55	0 2	23 28	0 39	5 58	3 7	16 56	0 49	19 34	0 43	16 56	0 20	17 11
S 31	22s15	10s49	2n50	18s31	0n14	23s22	0s41	5n55	3n 8	16s52	0s49	19n35	0n43	16s56	0n20	17s11

Julian Day Number = 2260135.5, Delta T = 05m41s

Ecliptic obliquity = 23°30'00, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 17°25'42, Lahiri = 16°32'42 Julian Calendar 1 Dec. 1475 == Greg. Calendar 10 Dec. 1475