

TABLE 4. – GHA and Declination of the Sun for the Years 2001-2036 – Argument “Orbit Time”

Modified HermanD 10-2016

Month ▶	Januari		Februari		Maart		April		Mei		Juni		Juli		Augustus		September		Oktober		November		December		◀ Month
DAY ▼	E	Dec	E	Dec	E	Dec	E	Dec	E	Dec	E	Dec	E	Dec	E	Dec	E	Dec	E	Dec	E	Dec	E	Dec	DAY ▼
1	04°12' S 23°03'	Diff -7	01°38' S 17°16'	Diff -2	01°53' S 07°49'	Diff +3	03°58' N 04°19'	Diff +5	05°42' N 14°54'	Diff +2	05°35' N 21°58'	Diff -3	04°05' N 23°08'	Diff -3	03°24' N 18°10'	Diff +1	04°56' N 08°29'	Diff +5	07°31' S 02°57'	Diff +5	09°06' S 14°14'	Diff +1	07°50' S 21°42'	Diff -6	1
2	04°05' S 22°58'	Diff -7	01°36' S 16°59'	Diff -2	01°56' S 07°26'	Diff +3	04°03' N 04°42'	Diff +4	05°44' N 15°12'	Diff +2	05°32' N 22°06'	Diff -2	04°02' N 23°04'	Diff -3	03°25' N 17°54'	Diff +1	05°01' N 08°08'	Diff +5	07°36' S 03°21'	Diff +5	09°07' S 14°33'	Diff +1	07°44' S 21°51'	Diff -6	2
3	03°58' S 22°53'	Diff -7	01°35' S 16°41'	Diff -2	01°59' S 07°03'	Diff +3	04°07' N 05°05'	Diff +5	05°46' N 15°30'	Diff +1	05°30' N 22°14'	Diff -2	03°59' N 23°00'	Diff -3	03°26' N 17°39'	Diff +2	05°06' N 07°46'	Diff +5	07°41' S 03°44'	Diff +5	09°07' S 14°52'	Diff +1	07°38' S 22°00'	Diff -5	3
4	03°52' S 22°47'	Diff -7	01°33' S 16°24'	Diff -1	02°02' S 06°40'	Diff +3	04°12' N 05°28'	Diff +4	05°47' N 15°47'	Diff +2	05°28' N 22°22'	Diff -3	03°56' N 22°55'	Diff -3	03°28' N 17°23'	Diff +1	05°11' N 07°24'	Diff +5	07°46' S 04°07'	Diff +4	09°07' S 15°11'	Diff +1	07°33' S 22°09'	Diff -6	4
5	03°45' S 22°40'	Diff -7	01°32' S 16°06'	Diff -2	02°05' S 06°17'	Diff +4	04°16' N 05°51'	Diff +4	05°49' N 16°05'	Diff +1	05°25' N 22°29'	Diff -3	03°53' N 22°50'	Diff -2	03°29' N 17°08'	Diff +1	05°16' N 07°02'	Diff +5	07°50' S 04°30'	Diff +5	09°07' S 15°29'	Diff -1	07°27' S 22°17'	Diff -7	5
6	03°38' S 22°34'	Diff -7	01°30' S 15°48'	Diff -1	02°09' S 05°54'	Diff +3	04°20' N 06°14'	Diff +5	05°50' N 16°22'	Diff +1	05°22' N 22°35'	Diff -2	03°51' N 22°44'	Diff -3	03°30' N 16°51'	Diff +2	05°21' N 06°40'	Diff +5	07°55' S 04°53'	Diff +4	09°06' S 15°48'	Diff +1	07°20' S 22°25'	Diff -6	6
7	03°31' S 22°26'	Diff -6	01°29' S 15°29'	Diff -1	02°12' S 05°31'	Diff +4	04°25' N 06°36'	Diff +4	05°51' N 16°39'	Diff +1	05°20' N 22°41'	Diff -3	03°48' N 22°38'	Diff -2	03°32' N 16°35'	Diff +2	05°26' N 06°17'	Diff +5	07°59' S 05°16'	Diff +4	09°06' S 16°06'	Diff -1	07°14' S 22°32'	Diff -6	7
8	03°25' S 22°19'	Diff -6	01°28' S 15°11'	Diff 0	02°16' S 05°07'	Diff +3	04°29' N 06°59'	Diff +4	05°52' N 16°55'	Diff +1	05°17' N 22°47'	Diff -3	03°46' N 22°32'	Diff -2	03°34' N 16°18'	Diff +2	05°31' N 05°55'	Diff +5	08°03' S 05°39'	Diff +5	09°05' S 16°23'	Diff -1	07°08' S 22°39'	Diff -7	8
9	03°19' S 22°11'	Diff -7	01°28' S 14°52'	Diff -1	02°19' S 04°44'	Diff +4	04°33' N 07°21'	Diff +4	05°53' N 17°12'	Diff +1	05°14' N 22°53'	Diff -3	03°44' N 22°25'	Diff -3	03°36' N 16°01'	Diff +2	05°36' N 05°32'	Diff +5	08°08' S 06°02'	Diff +4	09°04' S 16°41'	Diff -1	07°01' S 22°45'	Diff -7	9
10	03°12' S 22°02'	Diff -6	01°27' S 14°32'	Diff 0	02°23' S 04°20'	Diff +4	04°37' N 07°44'	Diff +4	05°54' N 17°28'	Diff +1	05°11' N 22°58'	Diff -3	03°41' N 22°18'	Diff -2	03°38' N 15°44'	Diff +2	05°41' N 05°10'	Diff +5	08°12' S 06°25'	Diff +4	09°03' S 15°58'	Diff -2	06°54' S 22°51'	Diff -7	10
11	03°06' S 21°53'	Diff -6	01°27' S 14°13'	Diff 0	02°27' S 03°57'	Diff +4	04°41' N 08°06'	Diff +4	05°54' N 17°43'	Diff +1	05°08' N 23°02'	Diff -3	03°39' N 22°11'	Diff -2	03°40' N 15°26'	Diff +2	05°46' N 04°47'	Diff +6	08°16' S 06°48'	Diff +4	09°01' S 17°15'	Diff -1	06°47' S 22°57'	Diff -6	11
12	03°00' S 21°44'	Diff -5	01°27' S 13°53'	Diff 0	02°31' S 03°33'	Diff +4	04°45' N 08°28'	Diff +4	05°55' N 17°59'	Diff +1	05°05' N 23°06'	Diff -3	03°37' N 22°03'	Diff -2	03°42' N 15°09'	Diff +3	05°52' N 04°24'	Diff +5	08°20' S 07°10'	Diff +3	09°00' S 17°32'	Diff -2	06°41' S 23°02'	Diff -7	12
13	02°55' S 21°34'	Diff -6	01°27' S 13°33'	Diff +1	02°35' S 03°10'	Diff +4	04°49' N 08°50'	Diff +4	05°55' N 18°14'	Diff +1	05°02' N 23°10'	Diff -3	03°35' N 21°54'	Diff -2	03°45' N 14°50'	Diff +3	05°57' N 04°01'	Diff +5	08°23' S 07°33'	Diff +4	08°58' S 17°48'	Diff -2	06°34' S 23°06'	Diff -7	13
14	02°49' S 21°24'	Diff -6	01°28' S 13°13'	Diff 0	02°39' S 02°46'	Diff +4	04°53' N 09°11'	Diff +4	05°55' N 18°29'	Diff +1	04°59' N 23°14'	Diff -3	03°33' N 21°46'	Diff -1	03°48' N 14°32'	Diff +2	06°02' N 03°38'	Diff +5	08°27' S 07°55'	Diff +4	08°56' S 18°04'	Diff -3	06°27' S 23°10'	Diff -8	14
15	02°43' S 21°14'	Diff -5	01°28' S 12°53'	Diff +1	02°43' S 02°22'	Diff +4	04°57' N 09°33'	Diff +3	05°55' N 18°43'	Diff +1	04°56' N 23°17'	Diff -4	03°32' N 21°37'	Diff -2	03°50' N 14°14'	Diff +3	06°07' N 03°15'	Diff +6	08°31' S 08°18'	Diff +3	08°53' S 18°20'	Diff -2	06°19' S 23°14'	Diff -7	15
16	02°38' S 21°03'	Diff -5	01°29' S 12°32'	Diff +1	02°47' S 01°59'	Diff +4	05°00' N 09°55'	Diff +4	05°55' N 18°58'	Diff +1	04°52' N 23°19'	Diff -3	03°30' N 21°27'	Diff -1	03°53' N 13°55'	Diff +3	06°13' N 02°52'	Diff +5	08°34' S 08°40'	Diff +3	08°51' S 18°35'	Diff -3	06°12' S 23°17'	Diff -7	16
17	02°33' S 20°51'	Diff -5	01°30' S 21°11'	Diff +1	02°51' S 01°35'	Diff +5	05°04' N 10°16'	Diff +3	05°55' N 19°11'	Diff +1	04°49' N 23°21'	Diff -3	03°29' N 21°17'	Diff -2	03°56' N 13°36'	Diff +3	06°18' N 02°29'	Diff +5	08°37' S 09°02'	Diff +3	08°48' S 18°50'	Diff -3	06°05' S 23°20'	Diff -7	17
18	02°28' S 20°39'	Diff -5	01°31' S 11°50'	Diff +1	02°56' S 01°11'	Diff +4	05°07' N 10°37'	Diff +4	05°54' N 19°25'	Diff +1	04°46' N 23°23'	Diff -3	03°27' N 21°07'	Diff -1	03°59' N 13°17'	Diff +4	06°23' N 02°06'	Diff +5	08°40' S 09°24'	Diff +3	08°45' S 19°05'	Diff -3	05°58' S 23°22'	Diff -8	18
19	02°23' S 20°27'	Diff -4	01°32' S 11°29'	Diff +1	03°00' S 00°47'	Diff +4	05°11' N 10°58'	Diff +3	05°54' N 19°38'	Diff +1	04°43' N 23°25'	Diff -4	03°26' N 20°57'	Diff -1	04°03' N 12°58'	Diff +3	06°29' N 01°43'	Diff +5	08°43' S 09°46'	Diff +3	08°42' S 19°19'	Diff -3	05°50' S 23°24'	Diff -7	19
20	02°19' S 20°15'	Diff -5	01°33' S 11°08'	Diff +1	03°04' S 00°24'	Diff +4	05°14' N 11°19'	Diff +3	05°53' N 19°51'	Diff +1	04°39' N 23°25'	Diff -3	03°25' N 20°46'	Diff -1	04°06' N 13°38'	Diff +4	06°34' N 01°19'	Diff +6	08°46' S 10°07'	Diff +3	08°39' S 19°33'	Diff -4	05°43' S 23°25'	Diff -8	20
21	02°14' S 20°02'	Diff -4	01°35' S 10°46'	Diff +1	03°09' 00°00'	Diff +4	05°17' N 11°39'	Diff +3	05°52' N 20°04'	Diff +1	04°36' N 23°26'	Diff -3	03°24' N 20°35'	Diff 0	04°10' N 13°18'	Diff +3	06°40' N 00°56'	Diff +5	08°49' S 10°29'	Diff +2	08°35' S 19°46'	Diff -3	05°35' S 23°26'	Diff -7	21
22	02°10' S 19°48'	Diff -4	01°36' S 10°25'	Diff +2	03°13' N 00°24'	Diff +5	05°20' N 12°00'	Diff +3	05°51' N 20°16'	Diff +1	04°33' N 23°26'	Diff -4	03°24' N 20°23'	Diff -1	04°13' N 11°58'	Diff +4	06°45' N 00°33'	Diff +6	08°51' S 10°50'	Diff +2	08°32' S 20°00'	Diff -4	05°28' S 23°26'	Diff -7	22
23	02°06' S 19°35'	Diff -4	01°38' S 10°03'	Diff +2	03°18' N 00°47'	Diff +4	05°23' N 12°20'	Diff +3	05°50' N 20°28'	Diff +1	04°29' N 23°26'	Diff -3	03°23' N 20°11'	Diff 0	04°17' N 11°38'	Diff +4	06°50' N 00°09'	Diff +5	08°53' S 11°11'	Diff +3	08°28' S 20°13'	Diff -4	05°21' S 23°26'	Diff -8	23
24	02°02' S 19°21'	Diff -4	01°40' S 09°41'	Diff +3	03°22' N 01°11'	Diff +5	05°26' N 12°40'	Diff +2	05°49' N 20°39'	Diff +1	04°26' N 23°25'	Diff -3	03°23' N 19°59'	Diff -1	04°21' N 11°18'	Diff +4	06°55' S 00°14'	Diff +6	08°56' S 11°32'	Diff +2	08°24' S 20°25'	Diff -5	05°13' S 23°25'	Diff -7	24
25	01°58' S 19°06'	Diff -3	01°43' S 09°19'	Diff +2	03°27' N 01°35'	Diff +4	05°28' N 13°00'	Diff +3	05°47' N 20°50'	Diff +1	04°23' N 23°24'	Diff -3	03°22' N 19°46'	Diff 0	04°25' N 10°57'	Diff +4	07°01' S 00°37'	Diff +5	08°58' S 11°53'	Diff +2	08°19' S 20°37'	Diff -4	05°06' S 23°24'	Diff -8	25
26	01°55' S 18°51'	Diff -3	01°45' S 08°56'	Diff +2	03°31' N 01°58'	Diff +5	05°31' N 13°19'	Diff +3	05°46' N 21°01'	Diff +1	04°20' N 23°22'	Diff -3	03°22' N 19°34'	Diff 0	04°29' N 10°37'	Diff +5	07°06' S 01°01'	Diff +6	08°59' S 12°14'	Diff +2	08°15' S 20°49'	Diff -5	04°58' S 23°23'	Diff -7	26
27	01°52' S 18°36'	Diff -4	01°47' S 08°34'	Diff +3	03°36' N 02°22'	Diff +4	05°34' N 13°39'	Diff +2	05°44' N 21°11'	Diff +1	04°17' N 23°20'	Diff -3	03°22' N 19°20'	Diff 0	04°34' N 10°16'	Diff +4	07°11' S 01°24'	Diff +5	09°01' S 12°35'	Diff +1	08°10' S 21°01'	Diff -5	04°51' S 23°21'	Diff -7	27
28	01°48' S 18°21'	Diff -2	01°50' S 08°11'	Diff +2	03°40' N 02°45'	Diff +4	05°36' N 13°58'	Diff +2	05°43' N 21°22'	Diff +1	04°14' N 23°18'	Diff -3	03°22' N 19°07'	Diff +1	04°38' N 09°55'	Diff +4	07°16' S 01°47'	Diff +5	09°02' S 12°55'	Diff +2	08°05' S 21°12'	Diff -5	04°44' S 23°18'	Diff -8	28
29	01°46' S 18°05'	Diff -3	01°53' S 07°49'	Diff 0	03°45' N 03°09'	Diff +4	05°38' N 14°17'	Diff +2	05°41' N 21°31'	Diff +1	04°11' N 23°15'	Diff -3	03°23' N 18°53'	Diff 0	04°42' N 09°34'	Diff +5	07°21' S 02°11'	Diff +5	09°04' S 13°15'	Diff +1	08°00' S 21°22'	Diff -5	04°36' S 23°15'	Diff -7	29
30	01°43' S 17°49'	Diff -2	01°53' S 07°49'	Diff 0	03°49' N 03°32'	Diff +5	05°40' N 14°35'	Diff +2	05°39' N 21°41'	Diff +1	04°08' N 23°12'	Diff -3	03°23' N 18°39'	Diff +1	04°47' N 09°13'	Diff +5	07°26' S 02°34'	Diff +5	09°05' S 13°35'	Diff +1	07°55' S 21°32'	Diff -5	04°29' S 23°12'	Diff -7	30
31	01°41' S 17°33'	Diff -3	01°53' S 07°49'	Diff 0	03°54' N 03°55'	Diff +4	05°40' N 14°35'	Diff +2	05°39' N 21°41'	Diff +1	04°08' N 23°12'	Diff -3	03°24' N 18°24'	Diff 0	04°52' N 08°51'	Diff +4	07°26' S 02°34'	Diff +5	09°05' S 13°54'	Diff +1	07°55' S 21°32'	Diff -5	04°29' S 23°12'	Diff -7	31