TABLE 4. – GHA and Declination of the Sun for the Years 2001-2036 – Argument "Orbit Time" Modified HermanD 10-2016 Maart Januari Februari April Mei Juni Juli Augustus Oktober November December Month ▶ September ■ Month DAY ▼ Е Dec Ε Dec Dec Ε Dec Е Dec Ε Dec Е Dec Е Dec Ε Dec Е Dec Dec Dec DAY ▼ 04°12' S 23°03' 01°38' S 17°16' 01°53' S 07°49' 03°58' N 04°19' 05°42' N 14°54' 05°35' N 21°58' 04°05' N 23°08' 03°24' N 18°10' 04°56' N 08°29' 07°31' S 02°57' 09°06' S 14°14' 07°50' S 21°42' 1 1 Diff -5 Diff -2 Diff -17 Diff +3 Diff -23 Diff +5 Diff +23 Diff +2 Diff +18 Diff -3 Diff+8 Diff -3 Diff -4 Diff +1 Diff -16 Diff +5 Diff -21 Diff +5 Diff +24 Diff +1 Diff +19 Diff -6 Diff +9 04°05' \$ 22°58' 01°36' \$ 16°59' 01°56' \$ 07°26' 04°03' N 04°42' 05°44' N 15°12' 05°32' N 22°06' 04°02' N 23°04' 03°25' N 17°54' 05°01' N 08°08' 07°36' S 03°21' 09°07' S 14°33' 2 2 Diff -2 Diff -18 Diff +3 Diff -23 Diff +4 Diff +23 Diff +2 Diff +18 Diff -2 Diff +8 Diff -3 Diff -4 Diff +1 Diff -15 Diff +5 Diff -22 Diff +5 Diff +23 Diff 0 Diff +19 03°58' S 22°53' 01°35' S 16°41' 01°59' S 07°03' 04°07' N 05°05' 05°46' N 15°30' 05°30' N 22°14' 03°59' N 23°00' 03°26' N 17°39' 05°06' N 07°46' 07°41' S 03°44' 09°07' S 14°52' 07°38' S 22°00 3 3 Diff +3 Diff -23 Diff +5 Diff +23 Diff +1 Diff +17 Diff -2 Diff +8 Diff -3 Diff -5 Diff +2 Diff -16 Diff +5 Diff -22 Diff +5 Diff +23 Diff -2 Diff -17 Diff 0 Diff +19 02°02' S 06°40' 04°12' N 05°28' 05°47' N 15°47' 05°28' N 22°22' 03°56' N 22°55' 03°28' N 17°23' 07°46' S 04°07' 01°33' S 16°24' 05°11 N 07°24' 09°07' S 15°11' 4 4 Diff -1 Diff -18 Diff +3 Diff -23 Diff +4 Diff +23 Diff +2 Diff +18 Diff -3 Diff +7 Diff -3 Diff -5 Diff +1 Diff -15 Diff +5 Diff -22 Diff +4 Diff +23 Diff 0 Diff +18 Diff -6 |03°45' S 22°40' |01°32' S 16°06' |02°05' S 06°17' |04°16' N 05°51' |05°49' N 16°05' |05°25' N 22°29' |03°53' N 22°50' |03°29' N 17°08' 05°16' N 0702°' 07°50' S 04°30' 09°07' S 15°29' 07°27' S 22°17' 5 5 Diff -2 Diff -18 Diff +4 Diff -23 Diff +4 Diff +23 Diff +1 Diff +17 Diff -3 Diff +6 Diff -2 Diff -6 Diff +1 Diff -17 Diff +5 Diff -22 Diff +5 Diff +23 Diff -1 Diff +19 Diff -7 Diff -6 Diff +8 01°30' S 15°48' 03°38' S 22°34' 02°09' S 05°54' 04°20' N 06°14' 05°50' N16°22' 05°22' N 22°35' 03°51' N 22°44' 03°30' N 16°51' 05°21' N 06°40' 07°55' S 04°53' 09°06' S 15°48' 07°20' S 22°25 6 6 Diff -7 Diff -8 Diff -1 Diff -19 Diff +3 Diff -23 Diff +5 Diff +22 Diff +1 Diff +17 Diff -2 Diff +6 Diff -3 Diff -6 Diff +2 Diff -16 Diff +5 Diff -23 Diff +4 Diff +23 Diff 0 Diff +18 Diff -6 Diff +7 05°20' N 22°41' 03°48' N 22°38' 03°32' N 16°35' 03°31' S 22°26' |01°29' S 15°29' |02°12' S 05°31' |04°25' N 06°36' 05°51' N16°39' 05°26' N 06°17' 07°59' S 05°16' 09°06' S 16°06' 7 7 Diff -18 Diff +4 Diff -24 Diff +4 Diff +23 Diff +1 Diff +16 Diff -3 Diff +6 Diff -2 Diff -6 Diff +2 Diff -17 Diff +5 Diff -22 Diff +4 Diff +23 Diff -1 Diff +17 01°28' S 15°11 02°16' D 05°07' 04°29' N 06°59' 05°52' N 16°55' 05°17' N 22°47' 03°46' N 22°32' 03°34' N 16°18' 05°31' N 05°55' 08°03' S 05°39' 09°05' S 16°23' 03°25' S 22°19' 07°08' S 22°39' 8 8 Diff +4 Diff +22 Diff -8 Diff 0 Diff -19 Diff +3 Diff -23 Diff +1 Diff +17 Diff -3 Diff +6 Diff -2 Diff -7 Diff +2 Diff -17 Diff +5 Diff -23 Diff +5 Diff +23 Diff -1 Diff +18 Diff -7 01°28' S 14°52' 02°19' S 04°44' 04°33' N 07°21' 05°53' N 17°12' 05°14' N 22°53' 03°44' N 22°25' 03°36' N 16°01' 03°19' S 22°11' 05°36' N 05°32' 08°08' S 06°02' 09°04' S 16°41' 07°01' S 22°45 9 9 Diff -1 Diff -20 Diff +4 Diff -24 Diff +4 Diff +23 Diff +1 Diff +16 Diff -3 Diff +5 Diff -3 Diff -7 Diff +2 Diff -17 Diff +5 Diff -22 Diff +4 Diff +23 Diff -9 Diff -1 Diff +17 Diff -7 Diff +6 Diff -7 03°12' S 22°02' 01°27' S 14°32' 02°23' S 04°20' 04°37' N 07°44' 05°54' N 17°28' 05°11' N 22°58' 03°41' N 22°18' 03°38' N 15°44' 05°41' N 05°10' 08°12' S 06°25' 09°03' S 16°58' 06°54' S 22°51' 10 10 Diff 0 Diff -19 Diff +4 Diff -23 Diff +4 Diff +22 Diff 0 Diff +15 Diff -3 Diff +4 Diff -2 Diff -7 Diff +2 Diff -18 Diff +5 Diff -23 Diff +4 Diff +23 Diff -2 Diff +17 Diff -6 Diff -9 Diff -7 Diff +6 03°06' S 21°53' 01°27' S 14°13' 02°27' S 03°57' 04°41' N 08°06' 05°54' N 17°43' 05°08' N 23°02' 03°39' N 22°11' 03°40' N 15°26' 05°46' N 04°47' 08°16 S 06°48' 09°01' S 17°15' 06°47' S 22°57 11 11 Diff -9 Diff 0 Diff -20 Diff +4 Diff -24 Diff +4 Diff +22 Diff +1 Diff +16 Diff -3 Diff +4 Diff -2 Diff -8 Diff +2 Diff -17 Diff +6 Diff -23 Diff +4 Diff +22 Diff -1 Diff +17 Diff -6 Diff +9 03°00' S 21°44' 01°27' S 13°53' 02°31' S 03°33' 04°45' N 08°28' 05°55' N 17°59' 05°05' N 23°06' 03°37' N 22°03' 03°42' N 15°09' 05°52' N 04°24' 08°20 S 07°10' 09°00' S 17°32' 06°41' S 23°02' 12 12 Diff 0 Diff -20 Diff +4 Diff -23 Diff +4 Diff +22 Diff 0 Diff +15 Diff -3 Diff +4 Diff -2 Diff -9 Diff +3 Diff -19 Diff +5 Diff -23 Diff +3 Diff +23 Diff -2 Diff +16 01°27' S 13°33' 02°35' S 03°10' 04°49' N 08°50' 05°55' N 18°14' 05°02' N 23°10' 03°35' N 21°54' 03°45' N 14°50' 05°57' N 04°01' 08°23' S 07°33' 08°58' S 17°48' 06°34' S 23°06' 02°55' S 21°34' 13 13 Diff -6 Diff -10 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01°59' 05°00' N 09°55' 05°55' N 18°58' 04°52' N 23°19' 03°30' N 21°27' 03°53' N 13°55' 06°13' N 02°52' 08°34' S 08°40' 08°51' S 18°35' 06°12' S 23°17' 16 16 Diff +1 Diff -21 Diff +4 Diff -24 Diff +4 Diff +21 Diff 0 Diff +13 Diff -3 Diff +2 Diff -1 Diff -10 Diff +3 Diff -19 Diff +5 Diff -23 Diff +3 Diff +22 Diff -3 Diff +15 Diff -7 Diff +3 01°30' S 21°11' 02°51' S 01°35' 05°04' N 10°16' 05°55' N 19°11' 04°49' N 23°21' 03°29' N 21°17' 03°56' N 13°36' 06°18' N 02°29' 08°37' S 09°02' 08°48' S 18°50' 06°05' S 23°20' 02°33' S 20°51' 17 17 Diff -5 Diff -12 Diff +1 Diff -21 Diff +5 Diff -24 Diff +3 Diff +21 Diff -1 Diff +14 Diff -3 Diff +2 Diff -2 Diff -10 Diff+3 Diff -19 Diff +5 Diff -23 Diff +3 Diff +22 Diff -3 Diff +15 Diff +2 01°31' S 11°50' 02°56' S 01°11' 05°07' N 10°37' 05°54' N 19°25' 04°46' N 23°23' 03°27' N 21°07 03°59' N 13°17' 06°23' N 02°06' 08°40' S 09°24' 08°45' S 19°05' 05°58' S 23°22' 02°28' S 20°39' 18 18 Diff +4 Diff -24 Diff +4 Diff +21 Diff 0 Diff +13 Diff -1 Diff -10 Diff 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13°18' 06°40' N 00°56' 08°49' S 10°29' 08°35' S 19°46' 05°35' S 23°26' 21 Diff +4 Diff +24 Diff +3 Diff +21 Diff -1 Diff +12 Diff -3 Diff 0 Diff 0 Diff -12 Diff +3 Diff -20 Diff +5 Diff -23 Diff +2 Diff +21 Diff +1 Diff -21 Diff -3 Diff +14 03°24' N 20°23' 02°10' S 19°48' 01°36' S 10°25' 03°13' N 00°24' 05°20' N 12° 00' 05°51' N 20°16' 04°33' N 23°26' 04°13' N 11°58' 06°45' N 00°33' 08°51' S 10°50' 08°32' S 20°00' 05°28' S 23°26' 22 22 Diff -4 Diff -13 Diff +2 Diff -22 Diff +5 Diff +23 Diff +3 Diff +20 Diff -1 Diff +12 Diff -4 Diff 0 Diff -1 Diff -12 Diff +4 Diff -20 Diff +5 Diff -24 Diff +2 Diff +21 Diff -4 Diff +13 02°06' S 19°35' 01°38' S 10°03' 03°18' N 00°47' 05°23' N 12°20' 05°50' N 20°28' 04°29' N 23°26' 03°23' N 20°11' 04°17' N 11°38' 06°50' N 00°09' 08°53' S 11°11' 08°28' S 20°13' 05°21' S 23°26' 23 23 Diff +2 Diff -22 Diff +4 Diff +24 Diff +3 Diff +20 Diff -1 Diff +11 Diff -3 Diff -1 Diff 0 Diff -12 Diff +4 Diff -20 Diff +5 Diff -23 Diff +3 Diff +21 Diff -4 Diff +12 Diff -8 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03°24' N 18°24' 04°52' N 08°51'

Diff +4 Diff -22

Diff 0 Diff -14

09°05' S 13°54'

Diff +1 Diff +20

04°22' S 23°08'

Diff -4

Diff -8

31

01°41' S 17°33'

Diff -3 Diff -17

31

03°54' N 03°55'

Diff +4 Diff +24

05°37' N 21°50'

Diff -2 Diff +8