

Ephemerides year 2047

Ephemeris Tables for the year 2047

Tropical Zodiac

Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, Moon's Node, Chiron, Lilith, True Node, True Lilith, Eris, Sedna

Tradizione Esoterica - Web: <https://tradizione-esoterica.com> - eMail: tradizione.esoterica@gmail.com

Symbols

Planets

☉ = Sun
☾ = Moon
☿ = Mercury
♀ = Venus
♂ = Mars
♃ = Jupiter
♄ = Saturn
♅ = Uranus
♆ = Neptune
♇ = Pluto
♁ = Eris
♂♁ = Sedna

Zodiacal Signs

♈ = Aries
♉ = Taurus
♊ = Gemini
♋ = Cancer
♌ = Leo
♍ = Virgo
♎ = Libra
♏ = Scorpio
♐ = Sagittarius
♑ = Capricorn
♒ = Aquarius
♓ = Pisces

Asteroids and Other Points

♁♃ = Chiron
♁♄ = Moon's Node
T♁ = True Node
♁♁ = Lilith
T♁♁ = True Lilith

Ephemerides year 2047

Date	Time	Planet	Longitude	Declination	Latitude	Speed	Radius
01/01/2047	00:00:00	☉	10°28'05" ♍	-23°01'16"	00°00'00"	01°01'09"	0.983
01/01/2047	00:00:00	☾	04°57'54" ♋	-06°32'46"	03°22'25"	12°17'14"	0.003
01/01/2047	00:00:00	♁	13°19'58" ♍	-24°40'50"	01°55'26"	01°37'00"	1.427
01/01/2047	00:00:00	♂	29°22'44" ♍	-21°41'36"	-01°26'57"	01°15'05"	1.584
01/01/2047	00:00:00	♂	25°08'07" ♁	-14°10'47"	-01°06'13"	00°46'46"	1.902
01/01/2047	00:00:00	♃	10°22'55" ♏	02°54'36"	-01°18'14"	00°05'31"	4.857
01/01/2047	00:00:00	♄	27°22'10" ♏	-22°20'39"	01°03'49"	00°06'58"	10.998
01/01/2047	00:00:00	♅	06°12'44" ♏	09°57'34"	00°47'02"	-00°01'06"	17.745
01/01/2047	00:00:00	♆	16°44'23" ♏	15°07'00"	-01°47'30"	-00°00'50"	29.222
01/01/2047	00:00:00	♁	03°37'06" ♋	-21°12'44"	-11°52'50"	00°01'06"	41.300
01/01/2047	00:00:00	♁	25°15'34" ♍	-21°04'47"	00°00'00"	00°01'25"	0.003
01/01/2047	00:00:00	♁	23°09'53" ♏	-10°27'33"	-01°34'14"	00°04'14"	8.642
01/01/2047	00:00:00	♁	15°43'24" ♏	10°51'18"	05°03'46"	00°06'43"	0.003
01/01/2047	00:00:00	T♁	25°15'34" ♍	-21°04'47"	00°00'00"	00°01'25"	0.003
01/01/2047	00:00:00	T♁	21°49'38" ♏	13°22'46"	05°15'46"	-02°47'37"	0.003
01/01/2047	00:00:00	X	29°33'01" ♏	05°26'16"	-06°16'10"	-00°00'10"	92.970
01/01/2047	00:00:00	Y	15°26'17" ♏	11°23'58"	-11°18'05"	-00°00'35"	77.723

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02/01/2047 00:00:00	☉	11°29'15" ♍	-22°56'14"	00°00'00"	01°01'09"	0.983
02/01/2047 00:00:00	☾	17°08'26" ♏	-01°15'04"	04°09'09"	12°04'28"	0.003
02/01/2047 00:00:00	♁	14°57'08" ♍	-24°33'13"	0-01°58'13"	01°37'19"	1.422
02/01/2047 00:00:00	♂	00°37'49" ♏	-21°26'38"	-01°28'02"	01°15'04"	1.581
02/01/2047 00:00:00	♂	25°54'54" ♏	-13°54'21"	-01°05'32"	00°46'46"	1.907
02/01/2047 00:00:00	♃	10°28'32" ♏	02°57'03"	-01°17'57"	00°05'42"	4.873
02/01/2047 00:00:00	♄	27°29'08" ♏	-22°20'50"	01°03'47"	00°06'57"	10.994
02/01/2047 00:00:00	♅	06°11'36" ♏	09°58'01"	00°47'05"	-00°01'09"	17.731
02/01/2047 00:00:00	♆	16°43'33" ♏	15°06'49"	-01°47'27"	-00°00'48"	29.237
02/01/2047 00:00:00	♇	03°38'13" ♏	-21°12'08"	-11°52'39"	00°01'07"	41.314
02/01/2047 00:00:00	♈	25°16'54" ♍	-21°04'33"	00°00'00"	00°01'10"	0.003
02/01/2047 00:00:00	♉	23°14'04" ♎	-10°28'58"	-01°34'05"	00°04'07"	8.626
02/01/2047 00:00:00	♊	15°50'07" ♏	10°54'03"	05°03'56"	00°06'43"	0.003
02/01/2047 00:00:00	♋	25°16'54" ♍	-21°04'33"	00°00'00"	00°01'10"	0.003
02/01/2047 00:00:00	♌	19°22'23" ♏	12°25'52"	05°14'46"	-02°06'48"	0.003
02/01/2047 00:00:00	♍	29°32'50" ♏	05°26'18"	-06°16'04"	-00°00'10"	92.986
02/01/2047 00:00:00	♎	15°25'42" ♏	11°23'59"	-11°18'00"	-00°00'35"	77.730
03/01/2047 00:00:00	☉	12°30'25" ♍	-22°50'45"	00°00'00"	01°01'09"	0.983
03/01/2047 00:00:00	☾	29°08'17" ♏	04°00'12"	04°44'14"	11°55'59"	0.003

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03/01/2047 00:00:00	♀	16°34'37" ♍	-24°24'06" ♀	-02°00'40"	01°37'38"	1.416
03/01/2047 00:00:00	♀	01°52'53" ♍	-21°11'01"	-01°29'04"	01°15'03"	1.578
03/01/2047 00:00:00	♂	26°41'40" ♍	-13°37'47"	-01°04'52"	00°46'46"	1.912
03/01/2047 00:00:00	♃	10°34'20" ♏	02°59'35"	-01°17'41"	00°05'52"	4.889
03/01/2047 00:00:00	♃	27°36'05" ♏	-22°21'00"	01°03'45"	00°06'56"	10.990
03/01/2047 00:00:00	♃	06°10'25" ♏	09°58'29"	00°47'07"	-00°01'12"	17.717
03/01/2047 00:00:00	♃	16°42'45" ♏	15°06'39"	-01°47'24"	-00°00'47"	29.251
03/01/2047 00:00:00	♃	03°39'21" ♏	-21°11'32"	-11°52'28"	00°01'08"	41.328
03/01/2047 00:00:00	♃	25°17'51" ♏	-21°04'22"	00°00'00"	00°00'42"	0.003
03/01/2047 00:00:00	♃	23°18'09" ♏	-10°30'20"	-01°33'56"	00°04'01"	8.609
03/01/2047 00:00:00	♃	15°56'50" ♏	10°56'48"	05°04'05"	00°06'43"	0.003
03/01/2047 00:00:00	♃	25°17'51" ♏	-21°04'22"	00°00'00"	00°00'42"	0.003
03/01/2047 00:00:00	♃	17°33'42" ♏	11°43'04"	05°13'38"	-01°32'42"	0.003
03/01/2047 00:00:00	X	29°32'41" ♏	05°26'20"	-06°15'58"	-00°00'09"	93.002
03/01/2047 00:00:00	Y	15°25'06" ♏	11°24'00"	-11°17'56"	-00°00'35"	77.737
04/01/2047 00:00:00	♃	13°31'34" ♏	-22°44'49"	00°00'00"	01°01'09"	0.983
04/01/2047 00:00:00	♃	11°01'58" ♏	09°03'59"	05°06'48"	11°52'11"	0.003
04/01/2047 00:00:00	♀	18°12'25" ♏	-24°13'27" ♀	-02°02'48"	01°37'57"	1.410
04/01/2047 00:00:00	♀	03°07'56" ♏	-20°54'47"	-01°30'03"	01°15'02"	1.574

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04/01/2047 00:00:00	♂	27°28'27" ♊	-13°21'06"	-01°04'11"	00°46'46"	1.917
04/01/2047 00:00:00	♃	10°40'18" ♈	03°02'10"	-01°17'24"	00°06'03"	4.905
04/01/2047 00:00:00	♅	27°43'01" ♊	-22°21'09"	01°03'42"	00°06'55"	10.986
04/01/2047 00:00:00	♁	06°09'10" ♉	09°58'59"	00°47'09"	-00°01'15"	17.703
04/01/2047 00:00:00	♆	16°41'59" ♋	15°06'29"	-01°47'21"	-00°00'45"	29.265
04/01/2047 00:00:00	♁	03°40'30" ♉	-21°10'56"	-11°52'16"	00°01'09"	41.342
04/01/2047 00:00:00	♄	25°18'16" ♈	-21°04'18"	00°00'00"	00°00'07"	0.003
04/01/2047 00:00:00	♆	23°22'07" ♋	-10°31'41"	-01°33'48"	00°03'55"	8.593
04/01/2047 00:00:00	♁	16°03'34" ♉	10°59'33"	05°04'14"	00°06'43"	0.003
04/01/2047 00:00:00	♄♁	25°18'16" ♈	-21°04'18"	00°00'00"	00°00'07"	0.003
04/01/2047 00:00:00	♆♁	16°11'20" ♈	11°10'13"	05°12'32"	-01°15'16"	0.003
04/01/2047 00:00:00	X	29°32'31" ♈	05°26'23"	-06°15'52"	-00°00'08"	93.019
04/01/2047 00:00:00	Y	15°24'31" ♉	11°24'01"	-11°17'51"	-00°00'34"	77.745
05/01/2047 00:00:00	♁	14°32'43" ♈	-22°38'25"	00°00'00"	01°01'08"	0.983
05/01/2047 00:00:00	♃	22°54'17" ♈	13°47'34"	05°16'14"	11°53'12"	0.003
05/01/2047 00:00:00	♆	19°50'32" ♈	-24°01'17"	0-02°04'34"	01°38'16"	1.403
05/01/2047 00:00:00	♀	04°22'58" ♊	-20°37'56"	-01°30'57"	01°15'01"	1.571
05/01/2047 00:00:00	♂	28°15'13" ♊	-13°04'17"	-01°03'30"	00°46'46"	1.922
05/01/2047 00:00:00	♃	10°46'27" ♈	03°04'49"	-01°17'08"	00°06'13"	4.921

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05/01/2047 00:00:00	♃	27°49'56"	♈	-22°21'18"	01°03'40"	00°06'54"	10.981
05/01/2047 00:00:00	♃	06°07'53"	♍	09°59'30"	00°47'12"	-00°01'18"	17.690
05/01/2047 00:00:00	♃	16°41'15"	♏	15°06'20"	-01°47'17"	-00°00'43"	29.280
05/01/2047 00:00:00	♃	03°41'41"	♋	-21°10'19"	-11°52'06"	00°01'11"	41.356
05/01/2047 00:00:00	♃	25°18'07"	♏	-21°04'19"	00°00'00"	-00°00'25"	0.003
05/01/2047 00:00:00	♃	23°25'59"	♎	-10°32'59"	-01°33'39"	00°03'49"	8.577
05/01/2047 00:00:00	♃	16°10'17"	♏	11°02'17"	05°04'23"	00°06'43"	0.003
05/01/2047 00:00:00	♃	25°18'07"	♏	-21°04'19"	00°00'00"	-00°00'25"	0.003
05/01/2047 00:00:00	♃	14°56'14"	♏	10°39'57"	05°11'23"	-01°18'24"	0.003
05/01/2047 00:00:00	X	29°32'23"	♏	05°26'26"	-06°15'46"	-00°00'08"	93.035
05/01/2047 00:00:00	Y	15°23'57"	♏	11°24'02"	-11°17'46"	-00°00'34"	77.752
06/01/2047 00:00:00	♃	15°33'52"	♏	-22°31'34"	00°00'00"	01°01'08"	0.983
06/01/2047 00:00:00	♃	04°49'58"	♏	18°01'28"	05°12'10"	11°58'54"	0.003
06/01/2047 00:00:00	♃	21°28'58"	♏	-23°47'34"	02°05'58"	01°38'34"	1.395
06/01/2047 00:00:00	♃	05°37'59"	♏	-20°20'29"	-01°31'48"	01°15'00"	1.568
06/01/2047 00:00:00	♃	29°01'59"	♏	-12°47'21"	-01°02'49"	00°46'46"	1.927
06/01/2047 00:00:00	♃	10°52'45"	♏	03°07'33"	-01°16'51"	00°06'23"	4.937
06/01/2047 00:00:00	♃	27°56'49"	♈	-22°21'27"	01°03'38"	00°06'52"	10.976
06/01/2047 00:00:00	♃	06°06'33"	♍	10°00'01"	00°47'14"	-00°01'21"	17.676

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06/01/2047 00:00:00	♁	16°40'32"	♄	15°06'11"	-01°47'14"	-00°00'41"	29.295
06/01/2047 00:00:00	♁	03°42'52"	♃	-21°09'43"	-11°51'55"	00°01'12"	41.369
06/01/2047 00:00:00	♁	25°17'28"	♄	-21°04'26"	00°00'00"	-00°00'50"	0.003
06/01/2047 00:00:00	♁	23°29'45"	♁	-10°34'14"	-01°33'30"	00°03'42"	8.561
06/01/2047 00:00:00	♁	16°17'00"	♁	11°05'02"	05°04'32"	00°06'43"	0.003
06/01/2047 00:00:00	T♁	25°17'28"	♄	-21°04'26"	00°00'00"	-00°00'50"	0.003
06/01/2047 00:00:00	T♁	13°27'55"	♁	10°04'04"	05°09'50"	-01°41'08"	0.003
06/01/2047 00:00:00	X	29°32'15"	♁	05°26'29"	-06°15'39"	-00°00'07"	93.052
06/01/2047 00:00:00	Y	15°23'23"	♁	11°24'04"	-11°17'41"	-00°00'33"	77.760
07/01/2047 00:00:00	♁	16°35'00"	♄	-22°24'17"	00°00'00"	01°01'08"	0.983
07/01/2047 00:00:00	♁	16°53'32"	♄	21°34'39"	04°54'23"	12°08'54"	0.003
07/01/2047 00:00:00	♁	23°07'42"	♄	-23°32'18"	0-02°06'58"	01°38'52"	1.386
07/01/2047 00:00:00	♁	06°52'59"	♁	-20°02'27"	-01°32'35"	01°14'59"	1.564
07/01/2047 00:00:00	♁	29°48'45"	♁	-12°30'18"	-01°02'08"	00°46'45"	1.932
07/01/2047 00:00:00	♁	10°59'14"	♁	03°10'20"	-01°16'35"	00°06'34"	4.953
07/01/2047 00:00:00	♁	28°03'41"	♁	-22°21'35"	01°03'36"	00°06'51"	10.971
07/01/2047 00:00:00	♁	06°05'11"	♁	10°00'34"	00°47'16"	-00°01'24"	17.663
07/01/2047 00:00:00	♁	16°39'52"	♄	15°06'02"	-01°47'11"	-00°00'39"	29.310
07/01/2047 00:00:00	♁	03°44'05"	♃	-21°09'06"	-11°51'44"	00°01'13"	41.383

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07/01/2047 00:00:00	♏	25°16'30"	♌	-21°04'37"	00°00'00"	-00°01'04"	0.003
07/01/2047 00:00:00	♋	23°33'25"	♈	-10°35'28"	-01°33'21"	00°03'36"	8.544
07/01/2047 00:00:00	♋	16°23'44"	♏	11°07'46"	05°04'40"	00°06'43"	0.003
07/01/2047 00:00:00	♏	25°16'30"	♌	-21°04'37"	00°00'00"	-00°01'04"	0.003
07/01/2047 00:00:00	♋	11°29'24"	♏	09°15'24"	05°07'28"	-02°17'18"	0.003
07/01/2047 00:00:00	X	29°32'08"	♏	05°26'32"	-06°15'33"	-00°00'06"	93.068
07/01/2047 00:00:00	Y	15°22'49"	♏	11°24'05"	-11°17'36"	-00°00'33"	77.769
08/01/2047 00:00:00	♏	17°36'08"	♌	-22°16'34"	00°00'00"	01°01'08"	0.983
08/01/2047 00:00:00	♎	29°08'59"	♏	24°14'24"	04°23'02"	12°22'32"	0.003
08/01/2047 00:00:00	♋	24°46'43"	♌	-23°15'29"	-02°07'35"	01°39'09"	1.377
08/01/2047 00:00:00	♋	08°07'58"	♏	-19°43'51"	-01°33'18"	01°14'58"	1.561
08/01/2047 00:00:00	♏	00°35'31"	♋	-12°13'08"	-01°01'27"	00°46'45"	1.937
08/01/2047 00:00:00	♌	11°05'53"	♏	03°13'10"	-01°16'19"	00°06'44"	4.969
08/01/2047 00:00:00	♏	28°10'32"	♏	-22°21'43"	01°03'34"	00°06'49"	10.965
08/01/2047 00:00:00	♏	06°03'45"	♏	10°01'07"	00°47'18"	-00°01'26"	17.650
08/01/2047 00:00:00	♋	16°39'13"	♏	15°05'55"	-01°47'07"	-00°00'37"	29.325
08/01/2047 00:00:00	♌	03°45'19"	♋	-21°08'28"	-11°51'34"	00°01'14"	41.396
08/01/2047 00:00:00	♏	25°15'24"	♌	-21°04'49"	00°00'00"	-00°01'05"	0.003
08/01/2047 00:00:00	♋	23°36'58"	♈	-10°36'38"	-01°33'12"	00°03'29"	8.528

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08/01/2047 00:00:00	☾	16°30'27" ♀	11°10'30"	05°04'49"	00°06'43"	0.003
08/01/2047 00:00:00	♄	25°15'24" ♀	-21°04'49"	00°00'00"	-00°01'05"	0.003
08/01/2047 00:00:00	♄	08°52'54" ♀	08°10'19"	05°03'49"	-02°54'28"	0.003
08/01/2047 00:00:00	X	29°32'02" ♀	05°26'36"	-06°15'27"	-00°00'05"	93.085
08/01/2047 00:00:00	Y	15°22'16" ♀	11°24'07"	-11°17'31"	-00°00'32"	77.777
09/01/2047 00:00:00	☉	18°37'16" ♀	-22°08'24"	00°00'00"	01°01'07"	0.983
09/01/2047 00:00:00	☾	11°39'33" ♀	25°47'16"	03°38'38"	12°38'56"	0.003
09/01/2047 00:00:00	♁	26°26'00" ♀	-22°57'07"	-02°07'45"	01°39'24"	1.367
09/01/2047 00:00:00	♂	09°22'57" ♀	-19°24'40"	-01°33'57"	01°14'57"	1.557
09/01/2047 00:00:00	♂	01°22'16" ♀	-11°55'51"	-01°00'45"	00°46'45"	1.942
09/01/2047 00:00:00	♂	11°12'43" ♀	03°16'05"	-01°16'03"	00°06'53"	4.985
09/01/2047 00:00:00	♂	28°17'21" ♀	-22°21'50"	01°03'32"	00°06'48"	10.960
09/01/2047 00:00:00	♂	06°02'17" ♀	10°01'42"	00°47'21"	-00°01'29"	17.637
09/01/2047 00:00:00	♂	16°38'36" ♀	15°05'48"	-01°47'04"	-00°00'35"	29.340
09/01/2047 00:00:00	♂	03°46'34" ♀	-21°07'51"	-11°51'24"	00°01'15"	41.408
09/01/2047 00:00:00	♄	25°14'23" ♀	-21°05'00"	00°00'00"	-00°00'54"	0.003
09/01/2047 00:00:00	♂	23°40'24" ♀	-10°37'47"	-01°33'04"	00°03'23"	8.512
09/01/2047 00:00:00	☾	16°37'10" ♀	11°13'14"	05°04'57"	00°06'43"	0.003
09/01/2047 00:00:00	♄	25°14'23" ♀	-21°05'00"	00°00'00"	-00°00'54"	0.003

Ephemerides year 2047

09/01/2047 00:00:00	T♄	05°45'55" ♏	06°51'29"	04°58'39"	-03°15'18"	0.003
09/01/2047 00:00:00	X	29°31'56" ♏	05°26'40"	-06°15'21"	-00°00'05"	93.101
09/01/2047 00:00:00	Y	15°21'43" ♏	11°24'09"	-11°17'26"	-00°00'32"	77.786
10/01/2047 00:00:00	☉	19°38'24" ♎	-21°59'48"	00°00'00"	01°01'07"	0.983
10/01/2047 00:00:00	☾	24°27'27" ♏	26°01'20"	02°42'23"	12°57'01"	0.003
10/01/2047 00:00:00	♁	28°05'30" ♎	-22°37'12"	-02°07'29"	01°39'36"	1.357
10/01/2047 00:00:00	♂	10°37'54" ♎	-19°04'56"	-01°34'32"	01°14'56"	1.554
10/01/2047 00:00:00	♂	02°09'01" ♏	-11°38'29"	-01°00'04"	00°46'44"	1.947
10/01/2047 00:00:00	♃	11°19'41" ♏	03°19'03"	-01°15'47"	00°07'03"	5.001
10/01/2047 00:00:00	♅	28°24'09" ♏	-22°21'57"	01°03'31"	00°06'46"	10.954
10/01/2047 00:00:00	♁	06°00'46" ♏	10°02'18"	00°47'23"	-00°01'32"	17.624
10/01/2047 00:00:00	♃	16°38'02" ♏	15°05'41"	-01°47'01"	-00°00'33"	29.356
10/01/2047 00:00:00	♁	03°47'50" ♏	-21°07'14"	-11°51'14"	00°01'16"	41.421
10/01/2047 00:00:00	♁	25°13'36" ♎	-21°05'08"	00°00'00"	-00°00'37"	0.003
10/01/2047 00:00:00	♁	23°43'44" ♏	-10°38'53"	-01°32'55"	00°03'16"	8.495
10/01/2047 00:00:00	♁	16°43'54" ♏	11°15'57"	05°05'06"	00°06'43"	0.003
10/01/2047 00:00:00	T♁	25°13'36" ♎	-21°05'08"	00°00'00"	-00°00'37"	0.003
10/01/2047 00:00:00	T♄	02°32'46" ♏	05°28'58"	04°52'24"	-03°05'12"	0.003
10/01/2047 00:00:00	X	29°31'51" ♏	05°26'44"	-06°15'15"	-00°00'04"	93.118

Ephemerides year 2047

10/01/2047 00:00:00	Y	15°21'11" ♀	11°24'11"	-11°17'20"	-00°00'31"	77.795
11/01/2047 00:00:00	☉	20°39'31" ♄	-21°50'47"	00°00'00"	01°01'07"	0.983
11/01/2047 00:00:00	☾	07°33'44" ♃	24°49'17" ♁	01°36'21"	13°15'29"	0.003
11/01/2047 00:00:00	♀	29°45'12" ♄	-22°15'45"	-02°06'44"	01°39'46"	1.345
11/01/2047 00:00:00	♀	11°52'50" ♃	-18°44'40"	-01°35'03"	01°14'55"	1.550
11/01/2047 00:00:00	♂	02°55'45" ♃	-11°21'00"	-00°59'22"	00°46'44"	1.952
11/01/2047 00:00:00	♃	11°26'50" ♃	03°22'05"	-01°15'32"	00°07'13"	5.016
11/01/2047 00:00:00	♃	28°30'55" ♄	-22°22'03"	01°03'29"	00°06'45"	10.947
11/01/2047 00:00:00	♃	05°59'12" ♃	10°02'54"	00°47'25"	-00°01'35"	17.612
11/01/2047 00:00:00	♃	16°37'29" ♃	15°05'35"	-01°46'57"	-00°00'31"	29.371
11/01/2047 00:00:00	♃	03°49'07" ♃	-21°06'36"	-11°51'04"	00°01'17"	41.434
11/01/2047 00:00:00	♃	25°13'08" ♄	-21°05'13"	00°00'00"	-00°00'19"	0.003
11/01/2047 00:00:00	♃	23°46'57" ♃	-10°39'56"	-01°32'46"	00°03'10"	8.479
11/01/2047 00:00:00	♃	16°50'37" ♃	11°18'41"	05°05'14"	00°06'43"	0.003
11/01/2047 00:00:00	T♃	25°13'08" ♄	-21°05'13"	00°00'00"	-00°00'19"	0.003
11/01/2047 00:00:00	T♃	29°46'34" ♃	04°17'17"	04°46'17"	-02°22'30"	0.003
11/01/2047 00:00:00	X	29°31'47" ♃	05°26'48"	-06°15'08"	-00°00'03"	93.135
11/01/2047 00:00:00	Y	15°20'39" ♀	11°24'14"	-11°17'15"	-00°00'31"	77.804
12/01/2047 00:00:00	☉	21°40'38" ♄	-21°41'20"	-00°00'00"	01°01'06"	0.983

Ephemerides year 2047

12/01/2047 00:00:00	♃	20°58'09" ♉	22°11'12"	00°23'32"	13°33'04"	0.003
12/01/2047 00:00:00	♆	01°25'03" ♋	-21°52'45"	-02°05'30"	01°39'53"	1.333
12/01/2047 00:00:00	♀	13°07'45" ♋	-18°23'52"	-01°35'30"	01°14'54"	1.547
12/01/2047 00:00:00	♂	03°42'29" ♋	-11°03'25"	-00°58'40"	00°46'43"	1.957
12/01/2047 00:00:00	♃	11°34'08" ♋	03°25'10"	-01°15'16"	00°07'22"	5.032
12/01/2047 00:00:00	♄	28°37'39" ♋	-22°22'09"	01°03'27"	00°06'43"	10.941
12/01/2047 00:00:00	♅	05°57'36" ♋	10°03'32"	00°47'27"	-00°01'37"	17.600
12/01/2047 00:00:00	♆	16°36'58" ♋	15°05'30"	-01°46'54"	-00°00'29"	29.387
12/01/2047 00:00:00	♁	03°50'26" ♋	-21°05'58"	-11°50'55"	00°01'18"	41.446
12/01/2047 00:00:00	♁	25°12'57" ♋	-21°05'15"	00°00'00"	-00°00'03"	0.003
12/01/2047 00:00:00	♂	23°50'04" ♋	-10°40'57"	-01°32'37"	00°03'03"	8.463
12/01/2047 00:00:00	♁	16°57'21" ♋	11°21'24"	05°05'21"	00°06'43"	0.003
12/01/2047 00:00:00	♁	25°12'57" ♋	-21°05'15"	00°00'00"	-00°00'03"	0.003
12/01/2047 00:00:00	♁	27°54'17" ♋	03°28'34"	04°41'47"	-01°20'27"	0.003
12/01/2047 00:00:00	X	29°31'43" ♋	05°26'53"	-06°15'02"	-00°00'03"	93.152
12/01/2047 00:00:00	Y	15°20'08" ♋	11°24'16"	-11°17'09"	-00°00'31"	77.814
13/01/2047 00:00:00	♁	22°41'45" ♋	-21°31'28"	-00°00'00"	01°01'06"	0.983
13/01/2047 00:00:00	♃	04°39'11" ♋	18°15'07"	-00°52'07"	13°48'32"	0.003
13/01/2047 00:00:00	♆	03°04'58" ♋	-21°28'14"	-02°03'44"	01°39'55"	1.320

Ephemerides year 2047

13/01/2047 00:00:00	♀	14°22'39" ♁	-18°02'33"	-01°35'52"	01°14'53"	1.543
13/01/2047 00:00:00	♂	04°29'12" ♃	-10°45'45"	-00°57'57"	00°46'42"	1.962
13/01/2047 00:00:00	♃	11°41'35" ♃	03°28'19"	-01°15'00"	00°07'32"	5.048
13/01/2047 00:00:00	♃	28°44'21" ♃	-22°22'15"	01°03'26"	00°06'41"	10.934
13/01/2047 00:00:00	♃	05°55'57" ♃	10°04'10"	00°47'29"	-00°01'40"	17.588
13/01/2047 00:00:00	♃	16°36'29" ♃	15°05'25"	-01°46'50"	-00°00'27"	29.403
13/01/2047 00:00:00	♃	03°51'45" ♃	-21°05'20"	-11°50'46"	00°01'19"	41.458
13/01/2047 00:00:00	♃	25°12'59" ♃	-21°05'15"	00°00'00"	00°00'05"	0.003
13/01/2047 00:00:00	♃	23°53'04" ♃	-10°41'55"	-01°32'28"	00°02'56"	8.446
13/01/2047 00:00:00	♃	17°04'04" ♃	11°24'07"	05°05'29"	00°06'43"	0.003
13/01/2047 00:00:00	T♃	25°12'59" ♃	-21°05'15"	00°00'00"	00°00'05"	0.003
13/01/2047 00:00:00	T♃	27°05'34" ♃	03°07'23"	04°39'46"	-00°18'29"	0.003
13/01/2047 00:00:00	X	29°31'40" ♃	05°26'58"	-06°14'56"	-00°00'02"	93.169
13/01/2047 00:00:00	Y	15°19'37" ♃	11°24'19"	-11°17'03"	-00°00'30"	77.824
14/01/2047 00:00:00	♃	23°42'51" ♃	-21°21'11"	-00°00'00"	01°01'06"	0.984
14/01/2047 00:00:00	♃	18°34'13" ♃	13°15'34"	-02°05'58"	14°00'57"	0.002
14/01/2047 00:00:00	♃	04°44'53" ♁	-21°02'12"	-02°01'25"	01°39'52"	1.306
14/01/2047 00:00:00	♀	15°37'31" ♁	-17°40'44"	-01°36'11"	01°14'51"	1.540
14/01/2047 00:00:00	♂	05°15'55" ♃	-10°27'59"	-00°57'15"	00°46'42"	1.967

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14/01/2047 00:00:00	♃	11°49'12" ♏	03°31'31"	-01°14'45"	00°07'41"	5.063
14/01/2047 00:00:00	♅	28°51'02" ♈	-22°22'20"	01°03'25"	00°06'39"	10.927
14/01/2047 00:00:00	♁	05°54'15" ♎	10°04'50"	00°47'31"	-00°01'43"	17.576
14/01/2047 00:00:00	♆	16°36'02" ♉	15°05'21"	-01°46'47"	-00°00'25"	29.418
14/01/2047 00:00:00	♁	03°53'05" ♈	-21°04'41"	-11°50'37"	00°01'20"	41.470
14/01/2047 00:00:00	♁	25°13'06" ♈	-21°05'14"	00°00'00"	00°00'07"	0.003
14/01/2047 00:00:00	♆	23°55'57" ♎	-10°42'51"	-01°32'19"	00°02'49"	8.430
14/01/2047 00:00:00	♁	17°10'48" ♏	11°26'50"	05°05'37"	00°06'43"	0.003
14/01/2047 00:00:00	♁♁	25°13'06" ♈	-21°05'14"	00°00'00"	00°00'07"	0.003
14/01/2047 00:00:00	♁♁	27°11'56" ♈	03°10'11"	04°40'04"	00°27'38"	0.003
14/01/2047 00:00:00	X	29°31'38" ♏	05°27'03"	-06°14'50"	-00°00'02"	93.186
14/01/2047 00:00:00	Y	15°19'06" ♏	11°24'22"	-11°16'57"	-00°00'30"	77.834
15/01/2047 00:00:00	♁	24°43'57" ♈	-21°10'29"	-00°00'00"	01°01'05"	0.984
15/01/2047 00:00:00	♁	02°39'54" ♎	07°30'59"	-03°13'07"	14°09'45"	0.002
15/01/2047 00:00:00	♀	06°24'42" ♎	-20°34'43"	-01°58'32"	01°39'43"	1.291
15/01/2047 00:00:00	♀	16°52'23" ♎	-17°18'25"	-01°36'25"	01°14'50"	1.536
15/01/2047 00:00:00	♂	06°02'36" ♈	-10°10'08"	-00°56'32"	00°46'41"	1.972
15/01/2047 00:00:00	♃	11°56'58" ♏	03°34'47"	-01°14'30"	00°07'50"	5.079
15/01/2047 00:00:00	♅	28°57'41" ♈	-22°22'24"	01°03'23"	00°06'37"	10.920

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15/01/2047 00:00:00	♃	05°52'31" ♃r	10°05'30"	00°47'33"	-00°01'45"	17.564
15/01/2047 00:00:00	♃	16°35'37" ♃r	15°05'17"	-01°46'43"	-00°00'24"	29.435
15/01/2047 00:00:00	♃	03°54'26" ♃	-21°04'03"	-11°50'28"	00°01'21"	41.481
15/01/2047 00:00:00	♃	25°13'12" ♃	-21°05'13"	00°00'00"	00°00'03"	0.003
15/01/2047 00:00:00	♃	23°58'44" ♃	-10°43'44"	-01°32'10"	00°02'42"	8.413
15/01/2047 00:00:00	♃	17°17'31" ♃	11°29'32"	05°05'44"	00°06'43"	0.003
15/01/2047 00:00:00	T♃	25°13'12" ♃	-21°05'13"	00°00'00"	00°00'03"	0.003
15/01/2047 00:00:00	T♃	27°52'58" ♃	03°28'05"	04°41'50"	00°50'27"	0.003
15/01/2047 00:00:00	X	29°31'36" ♃r	05°27'08"	-06°14'43"	-00°00'01"	93.203
15/01/2047 00:00:00	Y	15°18'36" ♃r	11°24'25"	-11°16'51"	-00°00'29"	77.844
16/01/2047 00:00:00	♃	25°45'02" ♃	-20°59'23"	-00°00'00"	01°01'05"	0.984
16/01/2047 00:00:00	♃	16°52'28" ♃	01°21'26"	-04°08'57"	14°14'44"	0.002
16/01/2047 00:00:00	♃	08°04'18" ♃	-20°05'47"	-01°55'02"	01°39'26"	1.275
16/01/2047 00:00:00	♃	18°07'13" ♃	-16°55'38"	-01°36'35"	01°14'49"	1.532
16/01/2047 00:00:00	♃	06°49'17" ♃	-09°52'11"	-00°55'50"	00°46'40"	1.977
16/01/2047 00:00:00	♃	12°04'53" ♃	03°38'06"	-01°14'15"	00°07'59"	5.094
16/01/2047 00:00:00	♃	29°04'17" ♃	-22°22'28"	01°03'22"	00°06'35"	10.913
16/01/2047 00:00:00	♃	05°50'44" ♃r	10°06'11"	00°47'35"	-00°01'48"	17.553
16/01/2047 00:00:00	♃	16°35'14" ♃r	15°05'14"	-01°46'39"	-00°00'22"	29.451

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16/01/2047 00:00:00	♁	03°55'47" ♈	-21°03'25"	-11°50'20"	00°01'22"	41.492
16/01/2047 00:00:00	♁	25°13'12" ♏	-21°05'13"	00°00'00"	-00°00'03"	0.003
16/01/2047 00:00:00	♁	24°01'23" ♎	-10°44'34"	-01°32'01"	00°02'36"	8.397
16/01/2047 00:00:00	♁	17°24'14" ♏	11°32'15"	05°05'52"	00°06'43"	0.003
16/01/2047 00:00:00	♁	25°13'12" ♏	-21°05'13"	00°00'00"	-00°00'03"	0.003
16/01/2047 00:00:00	♁	28°46'01" ♈	03°51'10"	04°44'02"	00°53'20"	0.003
16/01/2047 00:00:00	X	29°31'35" ♏	05°27'14"	-06°14'37"	-00°00'00"	93.219
16/01/2047 00:00:00	Y	15°18'07" ♏	11°24'28"	-11°16'45"	-00°00'29"	77.855
17/01/2047 00:00:00	♁	26°46'08" ♏	-20°47'53"	-00°00'00"	01°01'05"	0.984
17/01/2047 00:00:00	♁	01°08'12" ♎	-04°52'47"	-04°49'36"	14°16'09"	0.002
17/01/2047 00:00:00	♁	09°43'32" ♏	-19°35'28"	-01°50'54"	01°38'59"	1.258
17/01/2047 00:00:00	♁	19°22'02" ♏	-16°32'22"	-01°36'40"	01°14'48"	1.528
17/01/2047 00:00:00	♁	07°35'58" ♈	-09°34'10"	-00°55'07"	00°46'40"	1.983
17/01/2047 00:00:00	♁	12°12'56" ♏	03°41'28"	-01°14'00"	00°08'08"	5.110
17/01/2047 00:00:00	♁	29°10'52" ♏	-22°22'32"	01°03'21"	00°06'33"	10.905
17/01/2047 00:00:00	♁	05°48'54" ♏	10°06'53"	00°47'37"	-00°01'50"	17.542
17/01/2047 00:00:00	♁	16°34'53" ♏	15°05'12"	-01°46'36"	-00°00'20"	29.467
17/01/2047 00:00:00	♁	03°57'10" ♈	-21°02'46"	-11°50'11"	00°01'23"	41.504
17/01/2047 00:00:00	♁	25°13'06" ♏	-21°05'14"	00°00'00"	-00°00'08"	0.003

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17/01/2047 00:00:00	♁	24°03'56" ♁	-10°45'22"	-01°31'52"	00°02'29"	8.380
17/01/2047 00:00:00	♁	17°30'58" ♁	11°34'57"	05°05'59"	00°06'43"	0.003
17/01/2047 00:00:00	♁	25°13'06" ♁	-21°05'14"	00°00'00"	-00°00'08"	0.003
17/01/2047 00:00:00	♁	29°38'37" ♁	04°14'00"	04°46'09"	00°53'39"	0.003
17/01/2047 00:00:00	X	29°31'35" ♁	05°27'19"	-06°14'31"	-00°00'00"	93.236
17/01/2047 00:00:00	Y	15°17'38" ♁	11°24'32"	-11°16'38"	-00°00'28"	77.865
18/01/2047 00:00:00	♁	27°47'13" ♁	-20°35'59"	-00°00'00"	01°01'05"	0.984
18/01/2047 00:00:00	♁	15°23'45" ♁	-10°51'38"	-05°12'26"	14°14'27"	0.002
18/01/2047 00:00:00	♁	11°22'14" ♁	-19°03'50"	-01°46'06"	01°38'22"	1.241
18/01/2047 00:00:00	♁	20°36'50" ♁	-16°08'40"	-01°36'42"	01°14'47"	1.525
18/01/2047 00:00:00	♁	08°22'37" ♁	-09°16'04"	-00°54'24"	00°46'39"	1.988
18/01/2047 00:00:00	♁	12°21'09" ♁	03°44'54"	-01°13'45"	00°08'17"	5.125
18/01/2047 00:00:00	♁	29°17'25" ♁	-22°22'36"	01°03'20"	00°06'31"	10.897
18/01/2047 00:00:00	♁	05°47'03" ♁	10°07'36"	00°47'39"	-00°01'52"	17.531
18/01/2047 00:00:00	♁	16°34'34" ♁	15°05'10"	-01°46'32"	-00°00'17"	29.483
18/01/2047 00:00:00	♁	03°58'34" ♁	-21°02'07"	-11°50'04"	00°01'24"	41.515
18/01/2047 00:00:00	♁	25°12'57" ♁	-21°05'16"	00°00'00"	-00°00'07"	0.003
18/01/2047 00:00:00	♁	24°06'21" ♁	-10°46'08"	-01°31'43"	00°02'22"	8.364
18/01/2047 00:00:00	♁	17°37'41" ♁	11°37'39"	05°06'06"	00°06'43"	0.003

Ephemerides year 2047

18/01/2047 00:00:00	T♄	25°12'57" ♄	-21°05'16"	00°00'00"	-00°00'07"	0.003
18/01/2047 00:00:00	T♄	00°42'00" ♄	04°41'28"	04°48'37"	01°19'38"	0.003
18/01/2047 00:00:00	X	29°31'35" ♄	05°27'25"	-06°14'24"	00°00'00"	93.253
18/01/2047 00:00:00	Y	15°17'10" ♀	11°24'35"	-11°16'32"	-00°00'28"	77.876
19/01/2047 00:00:00	♁	28°48'18" ♄	-20°23'41"	-00°00'00"	01°01'05"	0.984
19/01/2047 00:00:00	♂	29°36'15" ♄	-16°15'13"	-05°16'08"	14°10'10"	0.002
19/01/2047 00:00:00	♀	13°00'11" ♄	-18°30'56"	-01°40'36"	01°37'31"	1.222
19/01/2047 00:00:00	♀	21°51'36" ♄	-15°44'30"	-01°36'38"	01°14'46"	1.521
19/01/2047 00:00:00	♂	09°09'16" ♄	-08°57'53"	-00°53'40"	00°46'38"	1.993
19/01/2047 00:00:00	♃	12°29'31" ♄	03°48'22"	-01°13'30"	00°08'25"	5.141
19/01/2047 00:00:00	♃	29°23'55" ♄	-22°22'38"	01°03'19"	00°06'29"	10.889
19/01/2047 00:00:00	♃	05°45'08" ♄	10°08'20"	00°47'41"	-00°01'55"	17.520
19/01/2047 00:00:00	♃	16°34'18" ♄	15°05'09"	-01°46'29"	-00°00'15"	29.500
19/01/2047 00:00:00	♃	03°59'58" ♄	-21°01'29"	-11°49'56"	00°01'24"	41.525
19/01/2047 00:00:00	♁	25°12'53" ♄	-21°05'16"	00°00'00"	00°00'00"	0.003
19/01/2047 00:00:00	♂	24°08'40" ♄	-10°46'50"	-01°31'34"	00°02'15"	8.348
19/01/2047 00:00:00	♄	17°44'24" ♄	11°40'21"	05°06'13"	00°06'43"	0.003
19/01/2047 00:00:00	T♄	25°12'53" ♄	-21°05'16"	00°00'00"	00°00'00"	0.003
19/01/2047 00:00:00	T♄	02°32'37" ♄	05°29'11"	04°52'41"	02°28'17"	0.003

Ephemerides year 2047

19/01/2047 00:00:00	X	29°31'36" ♀	05°27'31"	-06°14'18"	00°00'01"	93.271
19/01/2047 00:00:00	Y	15°16'42" ♀	11°24'39"	-11°16'25"	-00°00'27"	77.887
20/01/2047 00:00:00	☉	29°49'23" ♄	-20°11'00"	-00°00'00"	01°01'04"	0.984
20/01/2047 00:00:00	☾	13°43'25" ♃	-20°43'54"	-05°00'45"	14°03'50"	0.002
20/01/2047 00:00:00	♀	14°37'11" ♁	-17°56'52"	-01°34'22"	01°36'24"	1.202
20/01/2047 00:00:00	♀	23°06'22" ♁	-15°19'55"	-01°36'31"	01°14'45"	1.517
20/01/2047 00:00:00	♂	09°55'55" ♃	-08°39'38"	-00°52'57"	00°46'37"	1.998
20/01/2047 00:00:00	♃	12°38'01" ♀	03°51'54"	-01°13'15"	00°08'34"	5.156
20/01/2047 00:00:00	♅	29°30'23" ♄	-22°22'41"	01°03'18"	00°06'27"	10.881
20/01/2047 00:00:00	♁	05°43'12" ♃	10°09'04"	00°47'42"	-00°01'57"	17.510
20/01/2047 00:00:00	♃	16°34'03" ♄	15°05'08"	-01°46'25"	-00°00'13"	29.516
20/01/2047 00:00:00	♁	04°01'24" ♃	-21°00'50"	-11°49'48"	00°01'25"	41.536
20/01/2047 00:00:00	♁	25°13'00" ♄	-21°05'15"	00°00'00"	00°00'14"	0.003
20/01/2047 00:00:00	♃	24°10'52" ♁	-10°47'30"	-01°31'24"	00°02'08"	8.331
20/01/2047 00:00:00	♀	17°51'08" ♀	11°43'02"	05°06'19"	00°06'43"	0.003
20/01/2047 00:00:00	T♁	25°13'00" ♄	-21°05'15"	00°00'00"	00°00'14"	0.003
20/01/2047 00:00:00	T♃	05°46'33" ♀	06°52'07"	04°59'04"	03°59'55"	0.003
20/01/2047 00:00:00	X	29°31'38" ♀	05°27'38"	-06°14'12"	00°00'02"	93.288
20/01/2047 00:00:00	Y	15°16'15" ♀	11°24'43"	-11°16'19"	-00°00'26"	77.899

Ephemerides year 2047

21/01/2047 00:00:00	☉	00°50'28" ♊	-19°57'56"	-00°00'00"	01°01'04"	0.984
21/01/2047 00:00:00	☾	27°43'22" ♍	-23°59'23"	0-04°27'36"	13°55'48"	0.002
21/01/2047 00:00:00	♀	16°12'55" ♊	-17°21'45"	-01°27'23"	01°34'59"	1.182
21/01/2047 00:00:00	♀	24°21'07" ♊	-14°54'55"	-01°36'19"	01°14'43"	1.513
21/01/2047 00:00:00	♂	10°42'32" ♋	-08°21'18"	-00°52'14"	00°46'37"	2.003
21/01/2047 00:00:00	♋	12°46'40" ♏	03°55'29"	-01°13'01"	00°08'43"	5.171
21/01/2047 00:00:00	♌	29°36'49" ♎	-22°22'43"	01°03'17"	00°06'24"	10.872
21/01/2047 00:00:00	♍	05°41'13" ♏	10°09'50"	00°47'44"	-00°01'59"	17.500
21/01/2047 00:00:00	♎	16°33'50" ♏	15°05'08"	-01°46'21"	-00°00'11"	29.533
21/01/2047 00:00:00	♏	04°02'50" ♋	-21°00'10"	-11°49'41"	00°01'26"	41.546
21/01/2047 00:00:00	♐	25°13'22" ♎	-21°05'11"	00°00'00"	00°00'29"	0.003
21/01/2047 00:00:00	♑	24°12'57" ♏	-10°48'08"	-01°31'15"	00°02'01"	8.315
21/01/2047 00:00:00	♒	17°57'51" ♏	11°45'43"	05°06'26"	00°06'43"	0.003
21/01/2047 00:00:00	T♏	25°13'22" ♎	-21°05'11"	00°00'00"	00°00'29"	0.003
21/01/2047 00:00:00	T♑	10°25'22" ♏	08°49'22"	05°06'35"	05°10'53"	0.003
21/01/2047 00:00:00	X	29°31'40" ♏	05°27'45"	-06°14'06"	00°00'02"	93.305
21/01/2047 00:00:00	Y	15°15'48" ♏	11°24'47"	-11°16'12"	-00°00'26"	77.910
22/01/2047 00:00:00	☉	01°51'33" ♊	-19°44'30"	-00°00'00"	01°01'04"	0.984
22/01/2047 00:00:00	☾	11°34'32" ♎	-25°47'06"	0-03°39'09"	13°46'16"	0.003

Ephemerides year 2047

22/01/2047 00:00:00	♀	17°47'03" ♋	-16°45'42"	-01°19'36"	01°33'13"	1.160
22/01/2047 00:00:00	♀	25°35'50" ♋	-14°29'31"	-01°36'03"	01°14'42"	1.509
22/01/2047 00:00:00	♂	11°29'09" ♌	-08°02'55"	-00°51'30"	00°46'36"	2.008
22/01/2047 00:00:00	♃	12°55'27" ♌	03°59'08"	-01°12'47"	00°08'51"	5.186
22/01/2047 00:00:00	♅	29°43'13" ♌	-22°22'45"	01°03'16"	00°06'22"	10.863
22/01/2047 00:00:00	♁	05°39'13" ♌	10°10'36"	00°47'46"	-00°02'01"	17.490
22/01/2047 00:00:00	♃	16°33'39" ♌	15°05'08"	-01°46'18"	-00°00'09"	29.550
22/01/2047 00:00:00	♁	04°04'17" ♌	-20°59'31"	-11°49'34"	00°01'27"	41.556
22/01/2047 00:00:00	♁	25°13'58" ♌	-21°05'04"	00°00'00"	00°00'40"	0.003
22/01/2047 00:00:00	♁	24°14'55" ♌	-10°48'43"	-01°31'06"	00°01'54"	8.299
22/01/2047 00:00:00	♁	18°04'35" ♌	11°48'25"	05°06'32"	00°06'43"	0.003
22/01/2047 00:00:00	T♁	25°13'58" ♌	-21°05'04"	00°00'00"	00°00'40"	0.003
22/01/2047 00:00:00	T♁	15°50'59" ♌	11°02'32"	05°12'47"	05°30'50"	0.003
22/01/2047 00:00:00	X	29°31'43" ♌	05°27'52"	-06°13'59"	00°00'03"	93.322
22/01/2047 00:00:00	Y	15°15'22" ♌	11°24'51"	-11°16'05"	-00°00'25"	77.922
23/01/2047 00:00:00	♁	02°52'37" ♋	-19°30'42"	-00°00'00"	01°01'03"	0.984
23/01/2047 00:00:00	♁	25°15'28" ♌	-25°59'34"	0-02°38'43"	13°35'22"	0.003
23/01/2047 00:00:00	♀	19°19'14" ♋	-16°08'53"	-01°11'00"	01°31'03"	1.137
23/01/2047 00:00:00	♀	26°50'32" ♋	-14°03'43"	-01°35'42"	01°14'41"	1.505

Ephemerides year 2047

23/01/2047 00:00:00	♂	12°15'45" ♃	-07°44'28"	-00°50'46"	00°46'35"	2.013
23/01/2047 00:00:00	♃	13°04'23" ♃	04°02'49"	-01°12'32"	00°08'59"	5.202
23/01/2047 00:00:00	♃	29°49'35" ♃	-22°22'46"	01°03'15"	00°06'20"	10.854
23/01/2047 00:00:00	♃	05°37'10" ♃	10°11'22"	00°47'48"	-00°02'03"	17.480
23/01/2047 00:00:00	♃	16°33'31" ♃	15°05'09"	-01°46'14"	-00°00'07"	29.567
23/01/2047 00:00:00	♃	04°05'45" ♃	-20°58'52"	-11°49'27"	00°01'28"	41.565
23/01/2047 00:00:00	♃	25°14'41" ♃	-21°04'57"	00°00'00"	00°00'42"	0.003
23/01/2047 00:00:00	♃	24°16'45" ♃	-10°49'15"	-01°30'56"	00°01'47"	8.282
23/01/2047 00:00:00	♃	18°11'18" ♃	11°51'06"	05°06'38"	00°06'43"	0.003
23/01/2047 00:00:00	♃	25°14'41" ♃	-21°04'57"	00°00'00"	00°00'42"	0.003
23/01/2047 00:00:00	♃	21°09'00" ♃	13°07'42"	05°16'06"	04°57'06"	0.003
23/01/2047 00:00:00	X	29°31'47" ♃	05°27'59"	-06°13'53"	00°00'04"	93.339
23/01/2047 00:00:00	Y	15°14'57" ♃	11°24'56"	-11°15'58"	-00°00'24"	77.934
24/01/2047 00:00:00	♃	03°53'40" ♃	-19°16'32"	-00°00'00"	01°01'03"	0.984
24/01/2047 00:00:00	♃	08°44'51" ♃	-24°38'47"	-01°30'14"	13°23'10"	0.003
24/01/2047 00:00:00	♃	20°49'00" ♃	-15°31'29"	-01°01'34"	01°28'24"	1.114
24/01/2047 00:00:00	♃	28°05'13" ♃	-13°37'33"	-01°35'17"	01°14'39"	1.501
24/01/2047 00:00:00	♂	13°02'20" ♃	-07°25'57"	-00°50'02"	00°46'34"	2.018
24/01/2047 00:00:00	♃	13°13'27" ♃	04°06'33"	-01°12'18"	00°09'08"	5.217

Ephemerides year 2047

24/01/2047 00:00:00	♃	29°55'53" ♃	-22°22'47"	01°03'15"	00°06'17"	10.845
24/01/2047 00:00:00	♃	05°35'05" ♃	10°12'10"	00°47'49"	-00°02'06"	17.471
24/01/2047 00:00:00	♃	16°33'25" ♃	15°05'11"	-01°46'10"	-00°00'05"	29.583
24/01/2047 00:00:00	♃	04°07'14" ♃	-20°58'13"	-11°49'21"	00°01'29"	41.575
24/01/2047 00:00:00	♃	25°15'20" ♃	-21°04'50"	00°00'00"	00°00'32"	0.003
24/01/2047 00:00:00	♃	24°18'29" ♃	-10°49'44"	-01°30'47"	00°01'40"	8.266
24/01/2047 00:00:00	♃	18°18'02" ♃	11°53'46"	05°06'44"	00°06'43"	0.003
24/01/2047 00:00:00	♃	25°15'20" ♃	-21°04'50"	00°00'00"	00°00'32"	0.003
24/01/2047 00:00:00	♃	25°31'51" ♃	14°46'47"	05°16'46"	03°43'25"	0.003
24/01/2047 00:00:00	X	29°31'52" ♃	05°28'06"	-06°13'47"	00°00'04"	93.356
24/01/2047 00:00:00	Y	15°14'32" ♃	11°25'00"	-11°15'51"	-00°00'24"	77.947
25/01/2047 00:00:00	♃	04°54'43" ♃	-19°02'00"	-00°00'00"	01°01'02"	0.984
25/01/2047 00:00:00	♃	22°01'27" ♃	-21°55'43"	-00°17'55"	13°09'51"	0.003
25/01/2047 00:00:00	♃	22°15'52" ♃	-14°53'42"	-00°51'16"	01°25'13"	1.090
25/01/2047 00:00:00	♃	29°19'52" ♃	-13°11'01"	-01°34'47"	01°14'38"	1.497
25/01/2047 00:00:00	♃	13°48'55" ♃	-07°07'23"	-00°49'18"	00°46'33"	2.023
25/01/2047 00:00:00	♃	13°22'39" ♃	04°10'20"	-01°12'04"	00°09'16"	5.231
25/01/2047 00:00:00	♃	00°02'10" ♃	-22°22'48"	01°03'14"	00°06'14"	10.836
25/01/2047 00:00:00	♃	05°32'58" ♃	10°12'58"	00°47'51"	-00°02'08"	17.462

Ephemerides year 2047

25/01/2047 00:00:00	♁	16°33'20"	♏	15°05'14"	-01°46'06"	-00°00'03"	29.600
25/01/2047 00:00:00	♁	04°08'44"	♏	-20°57'33"	-11°49'15"	00°01'29"	41.584
25/01/2047 00:00:00	♁	25°15'41"	♏	-21°04'46"	00°00'00"	00°00'07"	0.003
25/01/2047 00:00:00	♁	24°20'05"	♁	-10°50'11"	-01°30'37"	00°01'32"	8.250
25/01/2047 00:00:00	♁	18°24'45"	♏	11°56'27"	05°06'50"	00°06'43"	0.003
25/01/2047 00:00:00	T♁	25°15'41"	♏	-21°04'46"	00°00'00"	00°00'07"	0.003
25/01/2047 00:00:00	T♁	28°28'34"	♏	15°50'47"	05°16'05"	02°07'56"	0.003
25/01/2047 00:00:00	X	29°31'57"	♏	05°28'14"	-06°13'40"	00°00'05"	93.373
25/01/2047 00:00:00	Y	15°14'08"	♏	11°25'05"	-11°15'43"	-00°00'23"	77.959
26/01/2047 00:00:00	♁	05°55'45"	♁	-18°47'08"	00°00'00"	01°01'01"	0.985
26/01/2047 00:00:00	♁	05°04'18"	♁	-18°07'13"	00°54'03"	12°55'44"	0.003
26/01/2047 00:00:00	♁	23°39'16"	♁	-14°15'48"	-00°40'06"	01°21'27"	1.064
26/01/2047 00:00:00	♁	00°34'30"	♏	-12°44'08"	-01°34'14"	01°14'36"	1.493
26/01/2047 00:00:00	♁	14°35'28"	♏	-06°48'45"	-00°48'34"	00°46'32"	2.028
26/01/2047 00:00:00	♁	13°31'59"	♏	04°14'10"	-01°11'51"	00°09'24"	5.246
26/01/2047 00:00:00	♁	00°08'23"	♏	-22°22'48"	01°03'14"	00°06'12"	10.826
26/01/2047 00:00:00	♁	05°30'49"	♏	10°13'47"	00°47'52"	-00°02'10"	17.453
26/01/2047 00:00:00	♁	16°33'18"	♏	15°05'16"	-01°46'03"	-00°00'01"	29.617
26/01/2047 00:00:00	♁	04°10'14"	♏	-20°56'54"	-11°49'09"	00°01'30"	41.593

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26/01/2047 00:00:00	♏	25°15'32" ♁	-21°04'47"	00°00'00"	-00°00'26"	0.003
26/01/2047 00:00:00	♋	24°21'35" ♁	-10°50'35"	-01°30'27"	00°01'25"	8.234
26/01/2047 00:00:00	♌	18°31'29" ♁	11°59'07"	05°06'56"	00°06'43"	0.003
26/01/2047 00:00:00	T♏	25°15'32" ♁	-21°04'47"	00°00'00"	-00°00'26"	0.003
26/01/2047 00:00:00	T♌	29°46'51" ♁	16°18'19"	05°15'23"	00°29'51"	0.003
26/01/2047 00:00:00	X	29°32'03" ♁	05°28'22"	-06°13'34"	00°00'06"	93.389
26/01/2047 00:00:00	Y	15°13'45" ♁	11°25'10"	-11°15'36"	-00°00'23"	77.972
27/01/2047 00:00:00	☉	06°56'47" ♁	-18°31'55"	00°00'00"	01°01'00"	0.985
27/01/2047 00:00:00	☾	17°52'52" ♁	-13°32'00"	02°01'57"	12°41'22"	0.003
27/01/2047 00:00:00	♀	24°58'34" ♁	-13°38'03"	-00°28'03"	01°17'02"	1.038
27/01/2047 00:00:00	♀	01°49'06" ♁	-12°16'55"	-01°33'35"	01°14'35"	1.489
27/01/2047 00:00:00	♂	15°22'00" ♁	-06°30'05"	-00°47'50"	00°46'31"	2.033
27/01/2047 00:00:00	♈	13°41'27" ♁	04°18'03"	-01°11'37"	00°09'31"	5.261
27/01/2047 00:00:00	♁	00°14'34" ♁	-22°22'48"	01°03'13"	00°06'09"	10.816
27/01/2047 00:00:00	♁	05°28'37" ♁	10°14'37"	00°47'54"	-00°02'12"	17.445
27/01/2047 00:00:00	♁	16°33'18" ♁	15°05'20"	-01°45'59"	00°00'00"	29.635
27/01/2047 00:00:00	♁	04°11'45" ♁	-20°56'15"	-11°49'03"	00°01'31"	41.602
27/01/2047 00:00:00	♏	25°14'46" ♁	-21°04'56"	00°00'00"	-00°01'06"	0.003
27/01/2047 00:00:00	♋	24°22'57" ♁	-10°50'56"	-01°30'18"	00°01'18"	8.218

Ephemerides year 2047

27/01/2047 00:00:00	☾	18°38'12" ♀	12°01'47"	05°07'02"	00°06'43"	0.003
27/01/2047 00:00:00	♄	25°14'46" ♀	-21°04'56"	00°00'00"	-00°01'06"	0.003
27/01/2047 00:00:00	♃	29°34'02" ♀	16°13'34"	05°15'13"	-00°51'04"	0.003
27/01/2047 00:00:00	X	29°32'09" ♀	05°28'30"	-06°13'28"	00°00'06"	93.406
27/01/2047 00:00:00	Y	15°13'22" ♀	11°25'15"	-11°15'29"	-00°00'22"	77.984
28/01/2047 00:00:00	☉	07°57'47" ♀	-18°16'22"	00°00'00"	01°00'59"	0.985
28/01/2047 00:00:00	☾	00°27'12" ♀	-08°27'39"	03°02'34"	12°27'25"	0.003
28/01/2047 00:00:00	♁	26°13'07" ♀	-13°00'46"	-00°15'08"	01°11'54"	1.011
28/01/2047 00:00:00	♂	03°03'40" ♀	-11°49'23"	-01°32'52"	01°14'33"	1.485
28/01/2047 00:00:00	♂	16°08'30" ♀	-06°11'22"	-00°47'06"	00°46'30"	2.038
28/01/2047 00:00:00	♂	13°51'03" ♀	04°21'58"	-01°11'23"	00°09'39"	5.276
28/01/2047 00:00:00	♃	00°20'42" ♀	-22°22'47"	01°03'13"	00°06'06"	10.806
28/01/2047 00:00:00	♂	05°26'24" ♀	10°15'27"	00°47'55"	-00°02'13"	17.436
28/01/2047 00:00:00	♁	16°33'19" ♀	15°05'24"	-01°45'55"	00°00'02"	29.652
28/01/2047 00:00:00	♂	04°13'16" ♀	-20°55'36"	-11°48'58"	00°01'31"	41.610
28/01/2047 00:00:00	♄	25°13'20" ♀	-21°05'12"	00°00'00"	-00°01'44"	0.003
28/01/2047 00:00:00	♂	24°24'11" ♀	-10°51'14"	-01°30'08"	00°01'11"	8.202
28/01/2047 00:00:00	☾	18°44'55" ♀	12°04'27"	05°07'07"	00°06'43"	0.003
28/01/2047 00:00:00	♄	25°13'20" ♀	-21°05'12"	00°00'00"	-00°01'44"	0.003

Ephemerides year 2047

28/01/2047 00:00:00	T♄	28°15'48" ♄	15°45'34"	05°15'26"	-01°39'06"	0.003
28/01/2047 00:00:00	X	29°32'16" ♄	05°28'38"	-06°13'22"	00°00'07"	93.423
28/01/2047 00:00:00	Y	15°13'00" ♃	11°25'20"	-11°15'21"	-00°00'21"	77.997
29/01/2047 00:00:00	☉	08°58'46" ♋	-18°00'29"	00°00'00"	01°00'58"	0.985
29/01/2047 00:00:00	☾	12°48'07" ♋	-03°09'21"	03°53'27"	12°14'41"	0.003
29/01/2047 00:00:00	♀	27°22'08" ♋	-12°24'18"	-00°01'23"	01°06'00"	0.984
29/01/2047 00:00:00	♀	04°18'12" ♋	-11°21'32"	-01°32'05"	01°14'31"	1.481
29/01/2047 00:00:00	♂	16°55'00" ♋	-05°52'36"	-00°46'22"	00°46'28"	2.043
29/01/2047 00:00:00	♃	14°00'46" ♄	04°25'56"	-01°11'10"	00°09'47"	5.290
29/01/2047 00:00:00	♅	00°26'47" ♌	-22°22'47"	01°03'13"	00°06'03"	10.795
29/01/2047 00:00:00	♁	05°24'10" ♌	10°16'18"	00°47'57"	-00°02'15"	17.428
29/01/2047 00:00:00	♃	16°33'23" ♄	15°05'29"	-01°45'51"	00°00'04"	29.669
29/01/2047 00:00:00	♁	04°14'48" ♋	-20°54'56"	-11°48'52"	00°01'32"	41.618
29/01/2047 00:00:00	♁	25°11'21" ♌	-21°05'33"	00°00'00"	-00°02'11"	0.003
29/01/2047 00:00:00	♃	24°25'19" ♄	-10°51'30"	-01°29'58"	00°01'03"	8.186
29/01/2047 00:00:00	♄	18°51'39" ♄	12°07'07"	05°07'13"	00°06'43"	0.003
29/01/2047 00:00:00	T♁	25°11'21" ♌	-21°05'33"	00°00'00"	-00°02'11"	0.003
29/01/2047 00:00:00	T♄	26°28'13" ♄	15°06'27"	05°15'36"	-01°50'25"	0.003
29/01/2047 00:00:00	X	29°32'24" ♄	05°28'47"	-06°13'16"	00°00'08"	93.440

Ephemerides year 2047

29/01/2047 00:00:00	Y	15°12'38" ♀	11°25'26"	-11°15'13"	-00°00'21"	78.011
30/01/2047 00:00:00	☉	09°59'45" ♋	-17°44'17"	00°00'00"	01°00'57"	0.985
30/01/2047 00:00:00	☾	24°57'17" ♋	02°10'18"	04°32'54"	12°04'02"	0.003
30/01/2047 00:00:00	♀	28°24'52" ♋	-11°49'01"	00°13'09"	00°59'18"	0.957
30/01/2047 00:00:00	♀	05°32'43" ♋	-10°53'24"	-01°31'14"	01°14'29"	1.476
30/01/2047 00:00:00	♂	17°41'28" ♋	-05°33'49"	-00°45'37"	00°46'27"	2.048
30/01/2047 00:00:00	♃	14°10'37" ♏	04°29'57"	-01°10'57"	00°09'54"	5.305
30/01/2047 00:00:00	♅	00°32'49" ♎	-22°22'46"	01°03'13"	00°06'00"	10.785
30/01/2047 00:00:00	♁	05°21'53" ♏	10°17'10"	00°47'58"	-00°02'17"	17.421
30/01/2047 00:00:00	♃	16°33'29" ♏	15°05'34"	-01°45'48"	00°00'07"	29.686
30/01/2047 00:00:00	♁	04°16'21" ♋	-20°54'17"	-11°48'48"	00°01'33"	41.626
30/01/2047 00:00:00	♁	25°09'02" ♎	-21°05'58"	00°00'00"	-00°02'22"	0.003
30/01/2047 00:00:00	♃	24°26'19" ♎	-10°51'43"	-01°29'48"	00°00'56"	8.170
30/01/2047 00:00:00	♀	18°58'22" ♏	12°09'46"	05°07'18"	00°06'43"	0.003
30/01/2047 00:00:00	T♁	25°09'02" ♎	-21°05'58"	00°00'00"	-00°02'22"	0.003
30/01/2047 00:00:00	T♃	24°43'50" ♏	14°27'49"	05°15'30"	-01°35'18"	0.003
30/01/2047 00:00:00	X	29°32'32" ♏	05°28'55"	-06°13'09"	00°00'08"	93.457
30/01/2047 00:00:00	Y	15°12'17" ♀	11°25'31"	-11°15'06"	-00°00'20"	78.024
31/01/2047 00:00:00	☉	11°00'42" ♋	-17°27'46"	00°00'00"	01°00'56"	0.985

Ephemerides year 2047

31/01/2047 00:00:00	♃	06°57'11" ♈	07°20'48"	04°59'47"	11°56'18"	0.003
31/01/2047 00:00:00	♆	29°20'29" ♎	-11°15'21"	00°28'26"	00°51'47"	0.929
31/01/2047 00:00:00	♀	06°47'11" ♈	-10°24'58"	-01°30'18"	01°14'27"	1.472
31/01/2047 00:00:00	♂	18°27'55" ♈	-05°14'59"	-00°44'53"	00°46'25"	2.053
31/01/2047 00:00:00	♃	14°20'35" ♈	04°34'00"	-01°10'44"	00°10'01"	5.319
31/01/2047 00:00:00	♅	00°38'48" ♄	-22°22'44"	01°03'13"	00°05'57"	10.774
31/01/2047 00:00:00	♁	05°19'35" ♋	10°18'02"	00°48'00"	-00°02'19"	17.413
31/01/2047 00:00:00	♆	16°33'37" ♎	15°05'40"	-01°45'44"	00°00'09"	29.703
31/01/2047 00:00:00	♁	04°17'54" ♈	-20°53'38"	-11°48'43"	00°01'33"	41.634
31/01/2047 00:00:00	♁	25°06'42" ♄	-21°06'24"	00°00'00"	-00°02'14"	0.003
31/01/2047 00:00:00	♅	24°27'12" ♄	-10°51'53"	-01°29'38"	00°00'49"	8.154
31/01/2047 00:00:00	♁	19°05'05" ♈	12°12'25"	05°07'23"	00°06'43"	0.003
31/01/2047 00:00:00	♁♁	25°06'42" ♄	-21°06'24"	00°00'00"	-00°02'14"	0.003
31/01/2047 00:00:00	♁♃	23°20'41" ♈	13°56'35"	05°15'16"	-01°10'50"	0.003
31/01/2047 00:00:00	X	29°32'41" ♈	05°29'04"	-06°13'03"	00°00'09"	93.474
31/01/2047 00:00:00	Y	15°11'57" ♋	11°25'37"	-11°14'58"	-00°00'19"	78.038
01/02/2047 00:00:00	♁	12°01'38" ♎	-17°10'57"	00°00'00"	01°00'55"	0.985
01/02/2047 00:00:00	♃	18°51'06" ♈	12°12'44"	05°13'32"	11°52'11"	0.003
01/02/2047 00:00:00	♆	00°08'10" ♈	-10°43'44"	00°44'23"	00°43'26"	0.901

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01/02/2047 00:00:00	♀	08°01'38" ♋	-09°56'16"	-01°29'17"	01°14'25"	1.468
01/02/2047 00:00:00	♂	19°14'20" ♋	-04°56'07"	-00°44'08"	00°46'24"	2.058
01/02/2047 00:00:00	♃	14°30'41" ♏	04°38'06"	-01°10'31"	00°10'09"	5.333
01/02/2047 00:00:00	♅	00°44'43" ♎	-22°22'42"	01°03'13"	00°05'54"	10.763
01/02/2047 00:00:00	♁	05°17'15" ♏	10°18'54"	00°48'01"	-00°02'20"	17.406
01/02/2047 00:00:00	♃	16°33'48" ♏	15°05'47"	-01°45'40"	00°00'11"	29.721
01/02/2047 00:00:00	♁	04°19'28" ♋	-20°52'58"	-11°48'39"	00°01'34"	41.641
01/02/2047 00:00:00	♁	25°04'40" ♎	-21°06'46"	00°00'00"	-00°01'45"	0.003
01/02/2047 00:00:00	♃	24°27'58" ♎	-10°52'00"	-01°29'28"	00°00'42"	8.139
01/02/2047 00:00:00	♁	19°11'49" ♏	12°15'04"	05°07'28"	00°06'43"	0.003
01/02/2047 00:00:00	T♁	25°04'40" ♎	-21°06'46"	00°00'00"	-00°01'45"	0.003
01/02/2047 00:00:00	T♁	22°20'12" ♏	13°33'37"	05°15'01"	-00°52'02"	0.003
01/02/2047 00:00:00	X	29°32'51" ♏	05°29'14"	-06°12'57"	00°00'10"	93.490
01/02/2047 00:00:00	Y	15°11'37" ♏	11°25'43"	-11°14'50"	-00°00'19"	78.051
02/02/2047 00:00:00	♁	13°02'32" ♏	-16°53'49"	00°00'00"	01°00'54"	0.985
02/02/2047 00:00:00	♃	00°42'58" ♏	16°36'54"	05°13'51"	11°52'18"	0.003
02/02/2047 00:00:00	♁	00°47'07" ♋	-10°14'36"	01°00'52"	00°34'19"	0.873
02/02/2047 00:00:00	♀	09°16'03" ♋	-09°27'19"	-01°28'13"	01°14'23"	1.463
02/02/2047 00:00:00	♂	20°00'44" ♋	-04°37'13"	-00°43'24"	00°46'22"	2.063

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02/02/2047 00:00:00	♈	14°40'53"	♏	04°42'14"	-01°10'18"	00°10'16"	5.347
02/02/2047 00:00:00	♍	00°50'36"	♌	-22°22'40"	01°03'13"	00°05'51"	10.752
02/02/2047 00:00:00	♎	05°14'53"	♍	10°19'47"	00°48'02"	-00°02'22"	17.399
02/02/2047 00:00:00	♏	16°34'00"	♎	15°05'54"	-01°45'36"	00°00'13"	29.738
02/02/2047 00:00:00	♐	04°21'03"	♏	-20°52'19"	-11°48'35"	00°01'34"	41.648
02/02/2047 00:00:00	♑	25°03'16"	♐	-21°07'01"	00°00'00"	-00°01'00"	0.003
02/02/2047 00:00:00	♒	24°28'36"	♑	-10°52'05"	-01°29'17"	00°00'35"	8.123
02/02/2047 00:00:00	♓	19°18'32"	♒	12°17'43"	05°07'32"	00°06'43"	0.003
02/02/2047 00:00:00	T♑	25°03'16"	♑	-21°07'01"	00°00'00"	-00°01'00"	0.003
02/02/2047 00:00:00	T♒	21°31'36"	♒	13°15'03"	05°14'47"	-00°48'05"	0.003
02/02/2047 00:00:00	X	29°33'01"	♓	05°29'23"	-06°12'51"	00°00'10"	93.507
02/02/2047 00:00:00	Y	15°11'18"	♓	11°25'49"	-11°14'42"	-00°00'18"	78.065
03/02/2047 00:00:00	♈	14°03'26"	♏	-16°36'23"	00°00'00"	01°00'52"	0.986
03/02/2047 00:00:00	♏	12°37'15"	♏	20°23'29"	05°00'44"	11°57'02"	0.003
03/02/2047 00:00:00	♎	01°16'35"	♎	-09°48'24"	01°17'44"	00°24'29"	0.846
03/02/2047 00:00:00	♎	10°30'25"	♎	-08°58'08"	-01°27'04"	01°14'21"	1.459
03/02/2047 00:00:00	♏	20°47'06"	♏	-04°18'18"	-00°42'39"	00°46'21"	2.068
03/02/2047 00:00:00	♈	14°51'13"	♏	04°46'25"	-01°10'05"	00°10'23"	5.362
03/02/2047 00:00:00	♍	00°56'26"	♌	-22°22'38"	01°03'13"	00°05'47"	10.741

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03/02/2047 00:00:00	♃	05°12'31" ♎	10°20'41"	00°48'03"	-00°02'23"	17.393
03/02/2047 00:00:00	♃	16°34'14" ♏	15°06'01"	-01°45'33"	00°00'15"	29.755
03/02/2047 00:00:00	♃	04°22'38" ♏	-20°51'40"	-11°48'31"	00°01'35"	41.655
03/02/2047 00:00:00	♃	25°02'43" ♏	-21°07'07"	00°00'00"	-00°00'06"	0.003
03/02/2047 00:00:00	♃	24°29'08" ♏	-10°52'07"	-01°29'07"	00°00'27"	8.108
03/02/2047 00:00:00	♃	19°25'15" ♏	12°20'21"	05°07'37"	00°06'43"	0.003
03/02/2047 00:00:00	♃	25°02'43" ♏	-21°07'07"	00°00'00"	-00°00'06"	0.003
03/02/2047 00:00:00	♃	20°37'45" ♏	12°54'19"	05°14'27"	-01°02'45"	0.003
03/02/2047 00:00:00	X	29°33'12" ♏	05°29'32"	-06°12'45"	00°00'11"	93.523
03/02/2047 00:00:00	Y	15°11'00" ♏	11°25'55"	-11°14'34"	-00°00'17"	78.079
04/02/2047 00:00:00	♃	15°04'18" ♏	-16°18'41"	00°00'00"	01°00'51"	0.986
04/02/2047 00:00:00	♃	24°38'39" ♏	23°21'30"	04°34'25"	12°06'34"	0.003
04/02/2047 00:00:00	♃	01°35'55" ♏	-09°25'35"	01°34'50"	00°14'04"	0.820
04/02/2047 00:00:00	♃	11°44'45" ♏	-08°28'43"	-01°25'50"	01°14'19"	1.455
04/02/2047 00:00:00	♃	21°33'26" ♏	-03°59'21"	-00°41'55"	00°46'19"	2.073
04/02/2047 00:00:00	♃	15°01'39" ♏	04°50'38"	-01°09'53"	00°10'29"	5.375
04/02/2047 00:00:00	♃	01°02'12" ♏	-22°22'35"	01°03'13"	00°05'44"	10.729
04/02/2047 00:00:00	♃	05°10'07" ♏	10°21'35"	00°48'05"	-00°02'24"	17.387
04/02/2047 00:00:00	♃	16°34'31" ♏	15°06'10"	-01°45'29"	00°00'17"	29.773

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04/02/2047 00:00:00	♁	04°24'13" ♈	-20°51'01"	-11°48'28"	00°01'35"	41.662
04/02/2047 00:00:00	♁	25°03'02" ♈	-21°07'03"	00°00'00"	00°00'45"	0.003
04/02/2047 00:00:00	♁	24°29'32" ♈	-10°52'06"	-01°28'56"	00°00'20"	8.092
04/02/2047 00:00:00	♁	19°31'59" ♈	12°23'00"	05°07'41"	00°06'43"	0.003
04/02/2047 00:00:00	♁	25°03'02" ♈	-21°07'03"	00°00'00"	00°00'45"	0.003
04/02/2047 00:00:00	♁	19°20'07" ♈	12°24'07"	05°13'49"	-01°35'07"	0.003
04/02/2047 00:00:00	X	29°33'24" ♈	05°29'42"	-06°12'39"	00°00'12"	93.540
04/02/2047 00:00:00	Y	15°10'42" ♈	11°26'01"	-11°14'26"	-00°00'17"	78.093
05/02/2047 00:00:00	♁	16°05'09" ♈	-16°00'41"	00°00'00"	01°00'50"	0.986
05/02/2047 00:00:00	♁	06°51'59" ♈	25°19'01"	03°55'21"	12°20'49"	0.003
05/02/2047 00:00:00	♁	01°44'35" ♈	-09°06'31"	01°51'56"	00°03'13"	0.794
05/02/2047 00:00:00	♁	12°59'03" ♈	-07°59'04"	-01°24'32"	01°14'16"	1.450
05/02/2047 00:00:00	♁	22°19'45" ♈	-03°40'24"	-00°41'10"	00°46'18"	2.078
05/02/2047 00:00:00	♁	15°12'13" ♈	04°54'54"	-01°09'40"	00°10'36"	5.389
05/02/2047 00:00:00	♁	01°07'55" ♈	-22°22'32"	01°03'13"	00°05'41"	10.717
05/02/2047 00:00:00	♁	05°07'41" ♈	10°22'29"	00°48'06"	-00°02'26"	17.381
05/02/2047 00:00:00	♁	16°34'50" ♈	15°06'19"	-01°45'25"	00°00'19"	29.790
05/02/2047 00:00:00	♁	04°25'50" ♈	-20°50'22"	-11°48'24"	00°01'36"	41.668
05/02/2047 00:00:00	♁	25°04'09" ♈	-21°06'51"	00°00'00"	00°01'24"	0.003

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05/02/2047 00:00:00	♁	24°29'50"	♁	-10°52'03"	-01°28'46"	00°00'13"	8.077	
05/02/2047 00:00:00	♁	19°38'42"	♁	12°25'38"	05°07'46"	00°06'43"	0.003	
05/02/2047 00:00:00	♁	25°04'09"	♁	-21°06'51"		00°00'00"	00°01'24"	0.003
05/02/2047 00:00:00	♁	17°23'33"	♁	11°38'06"		05°12'29"	-02°19'06"	0.003
05/02/2047 00:00:00	X	29°33'36"	♁	05°29'52"		-06°12'32"	00°00'12"	93.556
05/02/2047 00:00:00	Y	15°10'26"	♁	11°26'08"		-11°14'17"	-00°00'16"	78.108
06/02/2047 00:00:00	♁	17°05'59"	♁	-15°42'25"	00°00'00"	01°00'48"		0.986
06/02/2047 00:00:00	♁	19°21'44"	♁	26°04'16"	♁	03°04'23"	12°39'19"	0.003
06/02/2047 00:00:00	♁	01°42'17"	♁	-08°51'34"	02°08'47"	-00°07'50"		0.770
06/02/2047 00:00:00	♁	14°13'19"	♁	-07°29'14"	-01°23'10"	01°14'14"		1.446
06/02/2047 00:00:00	♁	23°06'02"	♁	-03°21'25"	-00°40'25"	00°46'16"		2.083
06/02/2047 00:00:00	♁	15°22'53"	♁	04°59'11"	-01°09'28"	00°10'43"		5.403
06/02/2047 00:00:00	♁	01°13'35"	♁	-22°22'28"	01°03'13"	00°05'37"		10.706
06/02/2047 00:00:00	♁	05°05'14"	♁	10°23'24"	00°48'07"	-00°02'27"		17.375
06/02/2047 00:00:00	♁	16°35'10"	♁	15°06'28"	-01°45'21"	00°00'21"		29.807
06/02/2047 00:00:00	♁	04°27'26"	♁	-20°49'43"	-11°48'21"	00°01'36"		41.674
06/02/2047 00:00:00	♁	25°05'44"	♁	-21°06'34"	00°00'00"	00°01'41"		0.003
06/02/2047 00:00:00	♁	24°30'00"	♁	-10°51'56"	-01°28'35"	00°00'06"		8.062
06/02/2047 00:00:00	♁	19°45'26"	♁	12°28'16"	05°07'50"	00°06'43"		0.003

Ephemerides year 2047

06/02/2047 00:00:00	T♄	25°05'44" ♄	-21°06'34"	00°00'00"	00°01'41"	0.003
06/02/2047 00:00:00	T♄	14°42'02" ♄	10°33'09"	05°09'59"	-03°02'33"	0.003
06/02/2047 00:00:00	X	29°33'49" ♄	05°30'02"	-06°12'26"	00°00'13"	93.572
06/02/2047 00:00:00	Y	15°10'10" ♄	11°26'15"	-11°14'09"	-00°00'15"	78.122
07/02/2047 00:00:00	♁	18°06'47" ♁	-15°23'53"	00°00'00"	01°00'47"	0.986
07/02/2047 00:00:00	♂	02°11'46" ♁	25°27'53" ♁	02°02'57"	13°01'12"	0.003
07/02/2047 00:00:00	♀	01°28'55" ♁	-08°41'01"	02°25'08"	-00°18'51"	0.748
07/02/2047 00:00:00	♀	15°27'32" ♁	-06°59'11"	-01°21'44"	01°14'11"	1.441
07/02/2047 00:00:00	♂	23°52'18" ♁	-03°02'26"	-00°39'41"	00°46'14"	2.088
07/02/2047 00:00:00	♃	15°33'39" ♄	05°03'31"	-01°09'16"	00°10'49"	5.416
07/02/2047 00:00:00	♃	01°19'11" ♄	-22°22'25"	01°03'14"	00°05'34"	10.693
07/02/2047 00:00:00	♃	05°02'47" ♄	10°24'19"	00°48'08"	-00°02'28"	17.370
07/02/2047 00:00:00	♃	16°35'33" ♄	15°06'38"	-01°45'18"	00°00'23"	29.825
07/02/2047 00:00:00	♃	04°29'03" ♁	-20°49'04"	-11°48'19"	00°01'37"	41.680
07/02/2047 00:00:00	♁	25°07'21" ♄	-21°06'17"	00°00'00"	00°01'28"	0.003
07/02/2047 00:00:00	♃	24°30'03" ♄	-10°51'48"	-01°28'24"	-00°00'00"	8.047
07/02/2047 00:00:00	♃	19°52'09" ♄	12°30'53"	05°07'54"	00°06'43"	0.003
07/02/2047 00:00:00	T♄	25°07'21" ♄	-21°06'17"	00°00'00"	00°01'28"	0.003
07/02/2047 00:00:00	T♄	11°24'01" ♄	09°11'52"	05°05'56"	-03°29'24"	0.003

Ephemerides year 2047

07/02/2047 00:00:00	X	29°34'03" ♀	05°30'13"	-06°12'20"	00°00'14"	93.589
07/02/2047 00:00:00	Y	15°09'55" ♀	11°26'21"	-11°14'01"	-00°00'14"	78.137
08/02/2047 00:00:00		19°07'33" ♀	-15°05'05"	00°00'00"	01°00'46"	0.986
08/02/2047 00:00:00		15°24'49" ♀	23°25'34"	00°53'17"	13°25'06"	0.003
08/02/2047 00:00:00		01°04'41" ♀	-08°35'02"	02°40'39"	-00°29'32"	0.727
08/02/2047 00:00:00		16°41'42" ♀	-06°28'59"	-01°20'14"	01°14'09"	1.437
08/02/2047 00:00:00		24°38'31" ♀	-02°43'26"	-00°38'56"	00°46'12"	2.093
08/02/2047 00:00:00		15°44'32" ♀	05°07'53"	-01°09'04"	00°10'56"	5.430
08/02/2047 00:00:00		01°24'44" ♀	-22°22'21"	01°03'14"	00°05'30"	10.681
08/02/2047 00:00:00		05°00'18" ♀	10°25'14"	00°48'09"	-00°02'29"	17.365
08/02/2047 00:00:00		16°35'58" ♀	15°06'49"	-01°45'14"	00°00'26"	29.842
08/02/2047 00:00:00		04°30'41" ♀	-20°48'25"	-11°48'17"	00°01'37"	41.685
08/02/2047 00:00:00		25°08'31" ♀	-21°06'04"	00°00'00"	00°00'46"	0.003
08/02/2047 00:00:00		24°29'59" ♀	-10°51'36"	-01°28'13"	-00°00'07"	8.032
08/02/2047 00:00:00		19°58'53" ♀	12°33'31"	05°07'57"	00°06'43"	0.003
08/02/2047 00:00:00	TΩ	25°08'31" ♀	-21°06'04"	00°00'00"	00°00'46"	0.003
08/02/2047 00:00:00	T♁	07°52'55" ♀	07°43'28"	05°00'25"	-03°27'35"	0.003
08/02/2047 00:00:00	X	29°34'17" ♀	05°30'23"	-06°12'14"	00°00'14"	93.605
08/02/2047 00:00:00	Y	15°09'40" ♀	11°26'28"	-11°13'52"	-00°00'14"	78.152

Ephemerides year 2047

09/02/2047 00:00:00	♁	20°08'19" ♁	-14°46'02"	-00°00'00"	01°00'44"	0.986
09/02/2047 00:00:00	♃	29°02'02" ♃	19°59'58"	-00°21'21"	13°49'10"	0.003
09/02/2047 00:00:00	♄	00°30'03" ♄	-08°33'41"	02°55'03"	-00°39'33"	0.708
09/02/2047 00:00:00	♅	17°55'50" ♅	-05°58'36"	-01°18'39"	01°14'06"	1.432
09/02/2047 00:00:00	♆	25°24'43" ♆	-02°24'26"	-00°38'11"	00°46'10"	2.098
09/02/2047 00:00:00	♇	15°55'31" ♇	05°12'17"	-01°08'52"	00°11'02"	5.443
09/02/2047 00:00:00	♈	01°30'13" ♈	-22°22'17"	01°03'15"	00°05'27"	10.669
09/02/2047 00:00:00	♉	04°57'47" ♉	10°26'10"	00°48'09"	-00°02'30"	17.360
09/02/2047 00:00:00	♊	16°36'25" ♊	15°07'00"	-01°45'10"	00°00'28"	29.859
09/02/2047 00:00:00	♋	04°32'18" ♋	-20°47'47"	-11°48'15"	00°01'37"	41.690
09/02/2047 00:00:00	♌	25°08'46" ♌	-21°06'01"	00°00'00"	-00°00'20"	0.003
09/02/2047 00:00:00	♍	24°29'47" ♍	-10°51'21"	-01°28'02"	-00°00'14"	8.017
09/02/2047 00:00:00	♎	20°05'36" ♎	12°36'08"	05°08'01"	00°06'43"	0.003
09/02/2047 00:00:00	♏	25°08'46" ♏	-21°06'01"	00°00'00"	-00°00'20"	0.003
09/02/2047 00:00:00	♐	04°38'10" ♐	06°20'32"	04°54'15"	-02°58'15"	0.003
09/02/2047 00:00:00	♑	29°34'32" ♑	05°30'34"	-06°12'08"	00°00'15"	93.621
09/02/2047 00:00:00	♒	15°09'26" ♒	11°26'35"	-11°13'44"	-00°00'13"	78.167
10/02/2047 00:00:00	♁	21°09'03" ♁	-14°26'45"	-00°00'00"	01°00'43"	0.987
10/02/2047 00:00:00	♃	13°02'29" ♃	15°21'05"	-01°36'41"	14°11'11"	0.002

Ephemerides year 2047

10/02/2047 00:00:00	♀	29°45'53" ♋	-08°36'56"	03°08'00"	-00°48'34"	0.692
10/02/2047 00:00:00	♀	19°09'55" ♋	-05°28'04"	-01°17'00"	01°14'03"	1.427
10/02/2047 00:00:00	♂	26°10'53" ♋	-02°05'25"	-00°37'26"	00°46'08"	2.103
10/02/2047 00:00:00	♃	16°06'37" ♏	05°16'43"	-01°08'41"	00°11'08"	5.456
10/02/2047 00:00:00	♅	01°35'38" ♏	-22°22'13"	01°03'15"	00°05'23"	10.656
10/02/2047 00:00:00	♁	04°55'16" ♏	10°27'06"	00°48'10"	-00°02'31"	17.355
10/02/2047 00:00:00	♃	16°36'54" ♏	15°07'12"	-01°45'06"	00°00'30"	29.876
10/02/2047 00:00:00	♁	04°33'57" ♋	-20°47'08"	-11°48'13"	00°01'38"	41.695
10/02/2047 00:00:00	♁	25°07'45" ♏	-21°06'12"	00°00'00"	-00°01'42"	0.003
10/02/2047 00:00:00	♃	24°29'29" ♏	-10°51'04"	-01°27'51"	-00°00'21"	8.002
10/02/2047 00:00:00	♃	20°12'20" ♏	12°38'45"	05°08'05"	00°06'43"	0.003
10/02/2047 00:00:00	T♁	25°07'45" ♏	-21°06'12"	00°00'00"	-00°01'42"	0.003
10/02/2047 00:00:00	T♃	02°00'42" ♏	05°12'40"	04°48'31"	-02°16'09"	0.003
10/02/2047 00:00:00	X	29°34'48" ♏	05°30'45"	-06°12'02"	00°00'15"	93.637
10/02/2047 00:00:00	Y	15°09'13" ♏	11°26'43"	-11°13'35"	-00°00'12"	78.182
11/02/2047 00:00:00	♁	22°09'45" ♋	-14°07'12"	-00°00'00"	01°00'41"	0.987
11/02/2047 00:00:00	♃	27°22'59" ♏	09°45'08"	-02°47'37"	14°28'53"	0.002
11/02/2047 00:00:00	♀	28°53'20" ♋	-08°44'33"	03°19'14"	-00°56'18"	0.677
11/02/2047 00:00:00	♀	20°23'58" ♋	-04°57'24"	-01°15'17"	01°14'01"	1.423

Ephemerides year 2047

11/02/2047 00:00:00	♂	26°57'00" ♈	-01°46'25"	-00°36'42"	00°46'06"	2.108
11/02/2047 00:00:00	♃	16°17'48" ♈	05°21'11"	-01°08'29"	00°11'14"	5.470
11/02/2047 00:00:00	♅	01°41'00" ♉	-22°22'08"	01°03'16"	00°05'19"	10.643
11/02/2047 00:00:00	♁	04°52'44" ♉	10°28'03"	00°48'11"	-00°02'32"	17.351
11/02/2047 00:00:00	♃	16°37'25" ♈	15°07'24"	-01°45'03"	00°00'32"	29.894
11/02/2047 00:00:00	♁	04°35'35" ♈	-20°46'30"	-11°48'11"	00°01'38"	41.700
11/02/2047 00:00:00	♁	25°05'22" ♉	-21°06'38"	00°00'00"	-00°03'01"	0.003
11/02/2047 00:00:00	♃	24°29'04" ♈	-10°50'44"	-01°27'40"	-00°00'28"	7.988
11/02/2047 00:00:00	♁	20°19'03" ♈	12°41'22"	05°08'08"	00°06'43"	0.003
11/02/2047 00:00:00	♁♁	25°05'22" ♉	-21°06'38"	00°00'00"	-00°03'01"	0.003
11/02/2047 00:00:00	♁♁	00°03'44" ♈	04°21'53"	04°43'52"	-01°40'09"	0.003
11/02/2047 00:00:00	X	29°35'04" ♈	05°30'56"	-06°11'56"	00°00'16"	93.652
11/02/2047 00:00:00	Y	15°09'01" ♉	11°26'50"	-11°13'27"	-00°00'12"	78.197
12/02/2047 00:00:00	♁	23°10'26" ♁	-13°47'26"	-00°00'00"	01°00'40"	0.987
12/02/2047 00:00:00	♁	11°58'11" ♉	03°32'36"	-03°48'47"	14°40'20"	0.002
12/02/2047 00:00:00	♁	27°53'49" ♁	-08°56'15"	03°28'28"	-01°02'26"	0.665
12/02/2047 00:00:00	♀	21°37'58" ♈	-04°26'36"	-01°13'30"	01°13'58"	1.418
12/02/2047 00:00:00	♂	27°43'06" ♈	-01°27'25"	-00°35'57"	00°46'04"	2.113
12/02/2047 00:00:00	♃	16°29'05" ♈	05°25'41"	-01°08'18"	00°11'20"	5.482

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12/02/2047 00:00:00	♃	01°46'18" ♁	-22°22'04"	01°03'16"	00°05'16"	10.630
12/02/2047 00:00:00	♃	04°50'11" ♃	10°29'00"	00°48'12"	-00°02'33"	17.347
12/02/2047 00:00:00	♃	16°37'58" ♁	15°07'37"	-01°44'59"	00°00'33"	29.911
12/02/2047 00:00:00	♃	04°37'14" ♃	-20°45'52"	-11°48'10"	00°01'38"	41.704
12/02/2047 00:00:00	♁	25°01'48" ♁	-21°07'17"	00°00'00"	-00°04'01"	0.003
12/02/2047 00:00:00	♃	24°28'31" ♃	-10°50'22"	-01°27'28"	-00°00'35"	7.973
12/02/2047 00:00:00	♁	20°25'47" ♁	12°43'58"	05°08'11"	00°06'43"	0.003
12/02/2047 00:00:00	T♁	25°01'48" ♁	-21°07'17"	00°00'00"	-00°04'01"	0.003
12/02/2047 00:00:00	T♃	28°33'48" ♃	03°42'43"	04°40'06"	-01°23'30"	0.003
12/02/2047 00:00:00	X	29°35'21" ♁	05°31'08"	-06°11'50"	00°00'16"	93.668
12/02/2047 00:00:00	Y	15°08'49" ♃	11°26'58"	-11°13'18"	-00°00'11"	78.212
13/02/2047 00:00:00	♁	24°11'06" ♃	-13°27'26"	-00°00'00"	01°00'39"	0.987
13/02/2047 00:00:00	♃	26°41'12" ♃	-02°53'41"	-04°35'21"	14°44'26"	0.002
13/02/2047 00:00:00	♃	26°49'02" ♃	-09°11'34"	03°35'30"	-01°06'48"	0.656
13/02/2047 00:00:00	♃	22°51'55" ♃	-03°55'41"	-01°11'39"	01°13'55"	1.413
13/02/2047 00:00:00	♃	28°29'10" ♃	-01°08'25"	-00°35'12"	00°46'02"	2.118
13/02/2047 00:00:00	♃	16°40'28" ♁	05°30'13"	-01°08'07"	00°11'25"	5.495
13/02/2047 00:00:00	♃	01°51'32" ♁	-22°21'59"	01°03'17"	00°05'12"	10.617
13/02/2047 00:00:00	♃	04°47'37" ♃	10°29'57"	00°48'13"	-00°02'34"	17.344

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13/02/2047 00:00:00	♃	16°38'33"	♏	15°07'51"	-01°44'55"	00°00'35"	29.928
13/02/2047 00:00:00	♄	04°38'53"	♈	-20°45'14"	-11°48'09"	00°01'39"	41.708
13/02/2047 00:00:00	♅	24°57'30"	♍	-21°08'03"	00°00'00"	-00°04'27"	0.003
13/02/2047 00:00:00	♆	24°27'52"	♎	-10°49'57"	-01°27'17"	-00°00'42"	7.959
13/02/2047 00:00:00	♇	20°32'30"	♐	12°46'34"	05°08'14"	00°06'43"	0.003
13/02/2047 00:00:00	T♅	24°57'30"	♍	-21°08'03"	00°00'00"	-00°04'27"	0.003
13/02/2047 00:00:00	T♆	27°09'23"	♎	03°05'57"	04°36'33"	-01°28'26"	0.003
13/02/2047 00:00:00	X	29°35'38"	♐	05°31'19"	-06°11'45"	00°00'17"	93.683
13/02/2047 00:00:00	Y	15°08'38"	♐	11°27'05"	-11°13'09"	-00°00'10"	78.227
14/02/2047 00:00:00	♁	25°11'45"	♏	-13°07'13"	-00°00'00"	01°00'38"	0.987
14/02/2047 00:00:00	♂	11°24'35"	♈	-09°10'05"	-05°03'45"	14°41'11"	0.002
14/02/2047 00:00:00	♂	25°40'49"	♏	-09°29'57"	03°40'12"	-01°09'17"	0.649
14/02/2047 00:00:00	♆	24°05'50"	♎	-03°24'40"	-01°09'44"	01°13'53"	1.408
14/02/2047 00:00:00	♂	29°15'12"	♈	-00°49'25"	-00°34'27"	00°46'00"	2.123
14/02/2047 00:00:00	♁	16°51'57"	♐	05°34'47"	-01°07'56"	00°11'31"	5.508
14/02/2047 00:00:00	♂	01°56'42"	♍	-22°21'53"	01°03'18"	00°05'08"	10.604
14/02/2047 00:00:00	♆	04°45'03"	♎	10°30'54"	00°48'13"	-00°02'34"	17.340
14/02/2047 00:00:00	♃	16°39'10"	♏	15°08'05"	-01°44'52"	00°00'38"	29.945
14/02/2047 00:00:00	♄	04°40'32"	♈	-20°44'36"	-11°48'09"	00°01'39"	41.712

Ephemerides year 2047

14/02/2047 00:00:00	♏	24°53'07" ♀	-21°08'51"	00°00'00"	-00°04'11"	0.003
14/02/2047 00:00:00	♋	24°27'05" ♀	-10°49'28"	-01°27'05"	-00°00'49"	7.945
14/02/2047 00:00:00	♌	20°39'13" ♀	12°49'10"	05°08'17"	00°06'43"	0.003
14/02/2047 00:00:00	♏	24°53'07" ♀	-21°08'51"	00°00'00"	-00°04'11"	0.003
14/02/2047 00:00:00	♌	25°33'19" ♀	02°24'08"	04°32'27"	-01°43'47"	0.003
14/02/2047 00:00:00	X	29°35'56" ♀	05°31'31"	-06°11'39"	00°00'18"	93.699
14/02/2047 00:00:00	Y	15°08'28" ♀	11°27'13"	-11°13'00"	-00°00'09"	78.243
15/02/2047 00:00:00	♏	26°12'22" ♀	-12°46'46"	-00°00'00"	01°00'37"	0.988
15/02/2047 00:00:00	♎	26°01'28" ♀	-14°53'27"	-05°12'11"	14°31'40"	0.002
15/02/2047 00:00:00	♌	24°31'04" ♀	-09°50'48"	03°42'30"	-01°09'52"	0.645
15/02/2047 00:00:00	♌	25°19'42" ♀	-02°53'33"	-01°07'45"	01°13'50"	1.403
15/02/2047 00:00:00	♌	00°01'12" ♀	-00°30'27"	-00°33'42"	00°45'59"	2.128
15/02/2047 00:00:00	♌	17°03'31" ♀	05°39'22"	-01°07'45"	00°11'37"	5.520
15/02/2047 00:00:00	♌	02°01'49" ♀	-22°21'48"	01°03'19"	00°05'04"	10.590
15/02/2047 00:00:00	♌	04°42'27" ♀	10°31'51"	00°48'14"	-00°02'35"	17.338
15/02/2047 00:00:00	♌	16°39'49" ♀	15°08'19"	-01°44'48"	00°00'40"	29.962
15/02/2047 00:00:00	♌	04°42'11" ♀	-20°43'58"	-11°48'08"	00°01'39"	41.715
15/02/2047 00:00:00	♏	24°49'21" ♀	-21°09'31"	00°00'00"	-00°03'16"	0.003
15/02/2047 00:00:00	♋	24°26'12" ♀	-10°48'58"	-01°26'53"	-00°00'56"	7.931

Ephemerides year 2047

15/02/2047 00:00:00	☾	20°45'57" ♀	12°51'46"	05°08'20"	00°06'43"	0.003
15/02/2047 00:00:00	♁	24°49'21" ♂	-21°09'31"	00°00'00"	-00°03'16"	0.003
15/02/2047 00:00:00	♁	23°46'12" ♀	01°37'29"	04°27'42"	-01°45'54"	0.003
15/02/2047 00:00:00	X	29°36'14" ♀	05°31'43"	-06°11'33"	00°00'18"	93.714
15/02/2047 00:00:00	Y	15°08'19" ♀	11°27'21"	-11°12'52"	-00°00'08"	78.258
16/02/2047 00:00:00	☉	27°12'59" ♀	-12°26'08"	-00°00'00"	01°00'35"	0.988
16/02/2047 00:00:00	☾	10°26'26" ♀	-19°42'12"	-05°00'45"	14°17'40"	0.002
16/02/2047 00:00:00	♀	23°21'40" ♀	-10°13'28"	03°42'27"	-01°08'38"	0.643
16/02/2047 00:00:00	♀	26°33'31" ♀	-02°22'22"	-01°05'42"	01°13'47"	1.399
16/02/2047 00:00:00	♂	00°47'10" ♀	-00°11'29"	-00°32'57"	00°45'57"	2.133
16/02/2047 00:00:00	♂	17°15'12" ♀	05°44'00"	-01°07'34"	00°11'42"	5.533
16/02/2047 00:00:00	♂	02°06'51" ♂	-22°21'42"	01°03'20"	00°05'00"	10.577
16/02/2047 00:00:00	♂	04°39'52" ♀	10°32'49"	00°48'14"	-00°02'36"	17.335
16/02/2047 00:00:00	♂	16°40'31" ♂	15°08'34"	-01°44'44"	00°00'42"	29.980
16/02/2047 00:00:00	♂	04°43'51" ♀	-20°43'21"	-11°48'08"	00°01'39"	41.719
16/02/2047 00:00:00	♁	24°46'44" ♂	-21°09'59"	00°00'00"	-00°01'53"	0.003
16/02/2047 00:00:00	♂	24°25'12" ♀	-10°48'24"	-01°26'41"	-00°01'03"	7.917
16/02/2047 00:00:00	☾	20°52'40" ♀	12°54'22"	05°08'22"	00°06'43"	0.003
16/02/2047 00:00:00	♁	24°46'44" ♂	-21°09'59"	00°00'00"	-00°01'53"	0.003

Ephemerides year 2047

16/02/2047 00:00:00	T♄	22°14'27" ♋	00°57'29"	04°23'29"	-01°09'48"	0.003
16/02/2047 00:00:00	X	29°36'34" ♏	05°31'55"	-06°11'27"	00°00'19"	93.729
16/02/2047 00:00:00	Y	15°08'10" ♋	11°27'29"	-11°12'43"	-00°00'08"	78.274
17/02/2047 00:00:00	☉	28°13'34" ♏	-12°05'17"	-00°00'00"	01°00'34"	0.988
17/02/2047 00:00:00	☾	24°36'01" ♎	-23°17'38"	-04°31'06"	14°01'14"	0.002
17/02/2047 00:00:00	♀	22°14'19" ♏	-10°37'19"	03°40'07"	-01°05'46"	0.643
17/02/2047 00:00:00	♀	27°47'18" ♋	-01°51'06"	-01°03'35"	01°13'45"	1.394
17/02/2047 00:00:00	♂	01°33'06" ♏	00°07'27"	-00°32'12"	00°45'55"	2.138
17/02/2047 00:00:00	♃	17°26'57" ♏	05°48'39"	-01°07'23"	00°11'48"	5.545
17/02/2047 00:00:00	♅	02°11'50" ♌	-22°21'36"	01°03'21"	00°04'56"	10.563
17/02/2047 00:00:00	♁	04°37'15" ♎	10°33'46"	00°48'15"	-00°02'36"	17.333
17/02/2047 00:00:00	♃	16°41'14" ♌	15°08'50"	-01°44'41"	00°00'44"	29.997
17/02/2047 00:00:00	♁	04°45'31" ♋	-20°42'43"	-11°48'09"	00°01'40"	41.722
17/02/2047 00:00:00	♁	24°45'35" ♌	-21°10'11"	00°00'00"	-00°00'23"	0.003
17/02/2047 00:00:00	♃	24°24'05" ♋	-10°47'48"	-01°26'29"	-00°01'10"	7.903
17/02/2047 00:00:00	♄	20°59'23" ♏	12°56'57"	05°08'25"	00°06'43"	0.003
17/02/2047 00:00:00	T♁	24°45'35" ♌	-21°10'11"	00°00'00"	-00°00'23"	0.003
17/02/2047 00:00:00	T♄	21°42'02" ♋	00°43'22"	04°21'59"	00°11'44"	0.003
17/02/2047 00:00:00	X	29°36'53" ♏	05°32'07"	-06°11'21"	00°00'20"	93.744

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17/02/2047 00:00:00	Y	15°08'02" ♀	11°27'37"	-11°12'34"	-00°00'07"	78.290
18/02/2047 00:00:00	☉	29°14'08" ♋	-11°44'14"	-00°00'00"	01°00'33"	0.988
18/02/2047 00:00:00	☾	08°28'42" ♌	-25°25'58"	0-03°46'02"	13°44'07"	0.003
18/02/2047 00:00:00	♀	21°10'36" ♋	-11°01'44"	03°35'40"	-01°01'27"	0.645
18/02/2047 00:00:00	♀	29°01'01" ♋	-01°19'47"	-01°01'24"	01°13'42"	1.389
18/02/2047 00:00:00	♂	02°19'00" ♏	00°26'23"	-00°31'27"	00°45'53"	2.143
18/02/2047 00:00:00	♃	17°38'48" ♏	05°53'19"	-01°07'13"	00°11'53"	5.557
18/02/2047 00:00:00	♅	02°16'44" ♎	-22°21'30"	01°03'22"	00°04'52"	10.549
18/02/2047 00:00:00	♁	04°34'39" ♏	10°34'44"	00°48'15"	-00°02'36"	17.331
18/02/2047 00:00:00	♃	16°41'59" ♏	15°09'06"	-01°44'37"	00°00'46"	30.013
18/02/2047 00:00:00	♁	04°47'11" ♋	-20°42'06"	-11°48'09"	00°01'40"	41.724
18/02/2047 00:00:00	♁	24°45'51" ♎	-21°10'09"	00°00'00"	00°00'51"	0.003
18/02/2047 00:00:00	♃	24°22'51" ♏	-10°47'10"	-01°26'16"	-00°01'17"	7.890
18/02/2047 00:00:00	♀	21°06'07" ♏	12°59'32"	05°08'27"	00°06'43"	0.003
18/02/2047 00:00:00	T♁	24°45'51" ♎	-21°10'09"	00°00'00"	00°00'51"	0.003
18/02/2047 00:00:00	T♃	22°47'19" ♋	01°11'55"	04°25'08"	02°01'05"	0.003
18/02/2047 00:00:00	X	29°37'14" ♏	05°32'19"	-06°11'16"	00°00'20"	93.759
18/02/2047 00:00:00	Y	15°07'56" ♀	11°27'45"	-11°12'25"	-00°00'06"	78.306
19/02/2047 00:00:00	☉	00°14'42" ♋	-11°23'00"	-00°00'00"	01°00'32"	0.988

Ephemerides year 2047

19/02/2047 00:00:00	♃	22°04'29" ♃	-26°00'33" ♁	-02°49'01"	13°27'37"	0.003
19/02/2047 00:00:00	♆	20°11'47" ♆	-11°26'11"	03°29'19"	-00°56'00"	0.649
19/02/2047 00:00:00	♀	00°14'43" ♀	-00°48'25"	-00°59'09"	01°13'39"	1.384
19/02/2047 00:00:00	♂	03°04'53" ♂	00°45'18"	-00°30'43"	00°45'51"	2.148
19/02/2047 00:00:00	♃	17°50'45" ♃	05°58'02"	-01°07'02"	00°11'59"	5.569
19/02/2047 00:00:00	♄	02°21'34" ♄	-22°21'24"	01°03'23"	00°04'48"	10.535
19/02/2047 00:00:00	♅	04°32'01" ♅	10°35'42"	00°48'16"	-00°02'37"	17.329
19/02/2047 00:00:00	♆	16°42'46" ♆	15°09'23"	-01°44'33"	00°00'48"	30.030
19/02/2047 00:00:00	♁	04°48'51" ♁	-20°41'29"	-11°48'10"	00°01'40"	41.726
19/02/2047 00:00:00	♁	24°47'08" ♁	-21°09'55"	00°00'00"	00°01'34"	0.003
19/02/2047 00:00:00	♂	24°21'30" ♂	-10°46'28"	-01°26'04"	-00°01'23"	7.876
19/02/2047 00:00:00	♁	21°12'50" ♁	13°02'07"	05°08'29"	00°06'43"	0.003
19/02/2047 00:00:00	♁	24°47'08" ♁	-21°09'55"	00°00'00"	00°01'34"	0.003
19/02/2047 00:00:00	♁	25°43'39" ♁	02°28'47"	04°33'03"	03°48'55"	0.003
19/02/2047 00:00:00	X	29°37'35" ♀	05°32'32"	-06°11'10"	00°00'21"	93.774
19/02/2047 00:00:00	Y	15°07'49" ♃	11°27'53"	-11°12'16"	-00°00'05"	78.322
20/02/2047 00:00:00	♁	01°15'13" ♁	-11°01'35"	-00°00'00"	01°00'31"	0.989
20/02/2047 00:00:00	♃	05°24'24" ♃	-25°03'12" ♁	-01°43'52"	13°12'27"	0.003
20/02/2047 00:00:00	♆	19°18'53" ♆	-11°50'11"	03°21'18"	-00°49'40"	0.655

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20/02/2047 00:00:00	♀	01°28'21" ♏	-00°17'02"	-00°56'51"	01°13'36"	1.379
20/02/2047 00:00:00	♂	03°50'43" ♏	01°04'11"	-00°29'58"	00°45'49"	2.152
20/02/2047 00:00:00	♃	18°02'47" ♏	06°02'46"	-01°06'52"	00°12'04"	5.581
20/02/2047 00:00:00	♅	02°26'21" ♎	-22°21'18"	01°03'24"	00°04'43"	10.521
20/02/2047 00:00:00	♁	04°29'24" ♎	10°36'39"	00°48'16"	-00°02'37"	17.327
20/02/2047 00:00:00	♃	16°43'35" ♎	15°09'40"	-01°44'30"	00°00'50"	30.047
20/02/2047 00:00:00	♁	04°50'32" ♎	-20°40'52"	-11°48'11"	00°01'40"	41.729
20/02/2047 00:00:00	♁	24°48'44" ♎	-21°09'38"	00°00'00"	00°01'31"	0.003
20/02/2047 00:00:00	♃	24°20'03" ♎	-10°45'44"	-01°25'51"	-00°01'30"	7.863
20/02/2047 00:00:00	♁	21°19'34" ♎	13°04'42"	05°08'31"	00°06'43"	0.003
20/02/2047 00:00:00	T♁	24°48'44" ♎	-21°09'38"	00°00'00"	00°01'31"	0.003
20/02/2047 00:00:00	T♃	00°16'01" ♎	04°26'44"	04°43'49"	05°09'37"	0.003
20/02/2047 00:00:00	X	29°37'57" ♎	05°32'45"	-06°11'04"	00°00'21"	93.788
20/02/2047 00:00:00	Y	15°07'44" ♎	11°28'02"	-11°12'07"	-00°00'04"	78.338
21/02/2047 00:00:00	☉	02°15'44" ♎	-10°40'00"	-00°00'00"	01°00'29"	0.989
21/02/2047 00:00:00	☾	18°29'54" ♎	-22°43'32"	-00°34'26"	12°58'48"	0.003
21/02/2047 00:00:00	♃	18°32'39" ♎	-12°13'19"	03°11'51"	-00°42'42"	0.662
21/02/2047 00:00:00	♀	02°41'56" ♎	00°14'22"	-00°54'29"	01°13'33"	1.374
21/02/2047 00:00:00	♂	04°36'32" ♎	01°23'03"	-00°29'13"	00°45'47"	2.157

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21/02/2047 00:00:00	♃	18°14'53" ♀	06°07'31"	-01°06'42"	00°12'09"	5.593
21/02/2047 00:00:00	♅	02°31'02" ♂	-22°21'12"	01°03'25"	00°04'39"	10.506
21/02/2047 00:00:00	♆	04°26'46" ♀	10°37'37"	00°48'16"	-00°02'37"	17.326
21/02/2047 00:00:00	♁	16°44'27" ♂	15°09'58"	-01°44'26"	00°00'52"	30.064
21/02/2047 00:00:00	♂	04°52'13" ♀	-20°40'16"	-11°48'13"	00°01'40"	41.730
21/02/2047 00:00:00	♄	24°49'54" ♂	-21°09'25"	00°00'00"	00°00'40"	0.003
21/02/2047 00:00:00	♆	24°18'29" ♀	-10°44'58"	-01°25'38"	-00°01'37"	7.850
21/02/2047 00:00:00	♁	21°26'18" ♀	13°07'17"	05°08'33"	00°06'43"	0.003
21/02/2047 00:00:00	♄♁	24°49'54" ♂	-21°09'25"	00°00'00"	00°00'40"	0.003
21/02/2047 00:00:00	♁♆	05°48'22" ♀	06°48'37"	04°54'28"	05°47'06"	0.003
21/02/2047 00:00:00	X	29°38'19" ♀	05°32'58"	-06°10'59"	00°00'22"	93.803
21/02/2047 00:00:00	Y	15°07'40" ♀	11°28'10"	-11°11'58"	-00°00'04"	78.354
22/02/2047 00:00:00	♁	03°16'13" ♀	-10°18'15"	-00°00'00"	01°00'28"	0.989
22/02/2047 00:00:00	♃	01°22'30" ♀	-19°16'17"	00°35'30"	12°46'35"	0.003
22/02/2047 00:00:00	♁	17°53'34" ♀	-12°35'17"	03°01'14"	-00°35'23"	0.671
22/02/2047 00:00:00	♁	03°55'28" ♀	00°45'47"	-00°52'04"	01°13'30"	1.368
22/02/2047 00:00:00	♂	05°22'18" ♀	01°41'52"	-00°28'28"	00°45'45"	2.162
22/02/2047 00:00:00	♃	18°27'05" ♀	06°12'18"	-01°06'32"	00°12'14"	5.604
22/02/2047 00:00:00	♅	02°35'40" ♂	-22°21'05"	01°03'26"	00°04'35"	10.492

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22/02/2047 00:00:00	♃	04°24'08" ♃	10°38'35"	00°48'17"	-00°02'37"	17.326
22/02/2047 00:00:00	♃	16°45'20" ♃	15°10'17"	-01°44'23"	00°00'54"	30.081
22/02/2047 00:00:00	♃	04°53'53" ♃	-20°39'40"	-11°48'15"	00°01'40"	41.732
22/02/2047 00:00:00	♃	24°49'52" ♃	-21°09'26"	00°00'00"	-00°00'51"	0.003
22/02/2047 00:00:00	♃	24°16'48" ♃	-10°44'08"	-01°25'25"	-00°01'44"	7.837
22/02/2047 00:00:00	♃	21°33'01" ♃	13°09'51"	05°08'35"	00°06'43"	0.003
22/02/2047 00:00:00	♃	24°49'52" ♃	-21°09'26"	00°00'00"	-00°00'51"	0.003
22/02/2047 00:00:00	♃	11°33'56" ♃	09°12'38"	05°02'32"	05°36'07"	0.003
22/02/2047 00:00:00	X	29°38'41" ♃	05°33'11"	-06°10'53"	00°00'22"	93.817
22/02/2047 00:00:00	Y	15°07'36" ♃	11°28'19"	-11°11'48"	-00°00'03"	78.370
23/02/2047 00:00:00	♃	04°16'41" ♃	-09°56'20"	00°00'00"	01°00'26"	0.989
23/02/2047 00:00:00	♃	14°03'30" ♃	-14°58'11"	01°42'31"	12°35'32"	0.003
23/02/2047 00:00:00	♃	17°21'55" ♃	-12°55'50"	02°49'41"	-00°27'54"	0.681
23/02/2047 00:00:00	♃	05°08'58" ♃	01°17'12"	-00°49'35"	01°13'27"	1.363
23/02/2047 00:00:00	♃	06°08'02" ♃	02°00'40"	-00°27'43"	00°45'43"	2.167
23/02/2047 00:00:00	♃	18°39'22" ♃	06°17'07"	-01°06'22"	00°12'18"	5.616
23/02/2047 00:00:00	♃	02°40'12" ♃	-22°20'58"	01°03'28"	00°04'30"	10.477
23/02/2047 00:00:00	♃	04°21'30" ♃	10°39'33"	00°48'17"	-00°02'38"	17.325
23/02/2047 00:00:00	♃	16°46'15" ♃	15°10'36"	-01°44'19"	00°00'55"	30.097

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23/02/2047 00:00:00	♁	04°55'34" ♈	-20°39'04"	-11°48'17"	00°01'40"	41.733
23/02/2047 00:00:00	♁	24°48'03" ♈	-21°09'45"	00°00'00"	-00°02'50"	0.003
23/02/2047 00:00:00	♁	24°15'01" ♈	-10°43'17"	-01°25'12"	-00°01'50"	7.825
23/02/2047 00:00:00	♁	21°39'44" ♈	13°12'25"	05°08'36"	00°06'43"	0.003
23/02/2047 00:00:00	♁	24°48'03" ♈	-21°09'45"	00°00'00"	-00°02'50"	0.003
23/02/2047 00:00:00	♁	16°46'36" ♈	11°18'49"	05°07'03"	04°43'28"	0.003
23/02/2047 00:00:00	X	29°39'05" ♈	05°33'24"	-06°10'48"	00°00'23"	93.831
23/02/2047 00:00:00	Y	15°07'33" ♈	11°28'28"	-11°11'39"	-00°00'02"	78.386
24/02/2047 00:00:00	♁	05°17'07" ♈	-09°34'16"	00°00'00"	01°00'25"	0.989
24/02/2047 00:00:00	♁	26°33'54" ♈	-10°05'38"	02°43'28"	12°25'23"	0.003
24/02/2047 00:00:00	♁	16°57'45" ♈	-13°14'45"	02°37'25"	-00°20'25"	0.692
24/02/2047 00:00:00	♁	06°22'23" ♈	01°48'35"	-00°47'03"	01°13'24"	1.358
24/02/2047 00:00:00	♁	06°53'44" ♈	02°19'25"	-00°26'58"	00°45'40"	2.172
24/02/2047 00:00:00	♁	18°51'43" ♈	06°21'56"	-01°06'13"	00°12'23"	5.627
24/02/2047 00:00:00	♁	02°44'41" ♈	-22°20'52"	01°03'29"	00°04'26"	10.462
24/02/2047 00:00:00	♁	04°18'52" ♈	10°40'31"	00°48'17"	-00°02'38"	17.325
24/02/2047 00:00:00	♁	16°47'12" ♈	15°10'55"	-01°44'16"	00°00'57"	30.114
24/02/2047 00:00:00	♁	04°57'14" ♈	-20°38'28"	-11°48'19"	00°01'40"	41.734
24/02/2047 00:00:00	♁	24°44'09" ♈	-21°10'27"	00°00'00"	-00°04'56"	0.003

Ephemerides year 2047

24/02/2047 00:00:00	♄	24°13'07" ♈	-10°42'22"	-01°24'59"	-00°01'57"	7.812
24/02/2047 00:00:00	♁	21°46'28" ♏	13°14'59"	05°08'38"	00°06'43"	0.003
24/02/2047 00:00:00	♅	24°44'09" ♉	-21°10'27"	00°00'00"	-00°04'56"	0.003
24/02/2047 00:00:00	♁	20°52'51" ♏	12°54'41"	05°08'39"	03°26'55"	0.003
24/02/2047 00:00:00	X	29°39'28" ♏	05°33'37"	-06°10'42"	00°00'23"	93.845
24/02/2047 00:00:00	Y	15°07'30" ♉	11°28'37"	-11°11'30"	-00°00'01"	78.402
25/02/2047 00:00:00	♃	06°17'31" ♈	-09°12'04"	00°00'00"	01°00'23"	0.990
25/02/2047 00:00:00	♃	08°54'32" ♈	-04°53'31"	03°35'46"	12°16'00"	0.003
25/02/2047 00:00:00	♁	16°41'00" ♏	-13°31'57"	02°24'38"	-00°13'05"	0.704
25/02/2047 00:00:00	♁	07°35'46" ♏	02°19'57"	-00°44'28"	01°13'20"	1.353
25/02/2047 00:00:00	♂	07°39'24" ♏	02°38'08"	-00°26'14"	00°45'38"	2.177
25/02/2047 00:00:00	♃	19°04'09" ♏	06°26'48"	-01°06'03"	00°12'28"	5.638
25/02/2047 00:00:00	♃	02°49'04" ♉	-22°20'45"	01°03'30"	00°04'21"	10.447
25/02/2047 00:00:00	♁	04°16'14" ♏	10°41'29"	00°48'17"	-00°02'38"	17.325
25/02/2047 00:00:00	♁	16°48'10" ♏	15°11'15"	-01°44'12"	00°00'59"	30.130
25/02/2047 00:00:00	♃	04°58'55" ♈	-20°37'52"	-11°48'22"	00°01'40"	41.735
25/02/2047 00:00:00	♅	24°38'14" ♉	-21°11'30"	00°00'00"	-00°06'51"	0.003
25/02/2047 00:00:00	♄	24°11'07" ♈	-10°41'25"	-01°24'45"	-00°02'03"	7.800
25/02/2047 00:00:00	♁	21°53'11" ♏	13°17'32"	05°08'39"	00°06'43"	0.003

Ephemerides year 2047

25/02/2047 00:00:00	T♄	24°38'14" ♎	-21°11'30"	00°00'00"	-00°06'51"	0.003
25/02/2047 00:00:00	T♄	23°40'17" ♏	13°57'45"	05°08'38"	02°09'44"	0.003
25/02/2047 00:00:00	X	29°39'52" ♏	05°33'51"	-06°10'37"	00°00'24"	93.859
25/02/2047 00:00:00	Y	15°07'29" ♏	11°28'46"	-11°11'21"	-00°00'01"	78.419
26/02/2047 00:00:00	☉	07°17'54" ♏	-08°49'43"	00°00'00"	01°00'21"	0.990
26/02/2047 00:00:00	☾	21°06'13" ♏	00°25'07"	04°17'25"	12°07'29"	0.003
26/02/2047 00:00:00	☿	16°31'29" ♏	-13°47'19"	02°11'30"	-00°05'59"	0.717
26/02/2047 00:00:00	♀	08°49'05" ♏	02°51'16"	-00°41'49"	01°13'17"	1.347
26/02/2047 00:00:00	♂	08°25'01" ♏	02°56'48"	-00°25'29"	00°45'36"	2.182
26/02/2047 00:00:00	♃	19°16'39" ♏	06°31'40"	-01°05'54"	00°12'32"	5.649
26/02/2047 00:00:00	♅	02°53'24" ♎	-22°20'38"	01°03'32"	00°04'16"	10.432
26/02/2047 00:00:00	♁	04°13'36" ♏	10°42'26"	00°48'17"	-00°02'37"	17.326
26/02/2047 00:00:00	♆	16°49'11" ♏	15°11'35"	-01°44'09"	00°01'01"	30.146
26/02/2047 00:00:00	♁	05°00'35" ♏	-20°37'17"	-11°48'25"	00°01'40"	41.735
26/02/2047 00:00:00	♁	24°30'38" ♎	-21°12'51"	00°00'00"	-00°08'13"	0.003
26/02/2047 00:00:00	♂	24°09'00" ♏	-10°40'26"	-01°24'32"	-00°02'09"	7.788
26/02/2047 00:00:00	♁	21°59'54" ♏	13°20'05"	05°08'40"	00°06'43"	0.003
26/02/2047 00:00:00	T♄	24°30'38" ♎	-21°12'51"	00°00'00"	-00°08'13"	0.003
26/02/2047 00:00:00	T♄	25°18'47" ♏	14°33'53"	05°08'05"	01°11'32"	0.003

Ephemerides year 2047

26/02/2047 00:00:00	X	29°40'17" ♀	05°34'05"	-06°10'31"	00°00'24"	93.872
26/02/2047 00:00:00	Y	15°07'28" ♀	11°28'55"	-11°11'12"	-00°00'00"	78.435
27/02/2047 00:00:00		♁ 08°18'15" ♀	-08°27'14"	00°00'00"	01°00'20"	0.990
27/02/2047 00:00:00		♃ 03°09'56" ♀	05°38'48"	04°46'59"	12°00'10"	0.003
27/02/2047 00:00:00		♄ 16°28'55" ♀	-14°00'48"	01°58'11"	00°00'48"	0.731
27/02/2047 00:00:00		♅ 10°02'21" ♀	03°22'32"	-00°39'07"	01°13'14"	1.342
27/02/2047 00:00:00		♆ 09°10'36" ♀	03°15'25"	-00°24'45"	00°45'34"	2.187
27/02/2047 00:00:00		♇ 19°29'14" ♀	06°36'34"	-01°05'44"	00°12'37"	5.659
27/02/2047 00:00:00		♈ 02°57'38" ♀	-22°20'31"	01°03'33"	00°04'12"	10.417
27/02/2047 00:00:00		♉ 04°10'58" ♀	10°43'24"	00°48'17"	-00°02'37"	17.326
27/02/2047 00:00:00		♊ 16°50'13" ♀	15°11'56"	-01°44'05"	00°01'03"	30.163
27/02/2047 00:00:00		♋ 05°02'16" ♀	-20°36'42"	-11°48'28"	00°01'40"	41.735
27/02/2047 00:00:00		♌ 24°22'01" ♀	-21°14'22"	00°00'00"	-00°08'51"	0.003
27/02/2047 00:00:00		♍ 24°06'47" ♀	-10°39'24"	-01°24'18"	-00°02'16"	7.776
27/02/2047 00:00:00		♎ 22°06'38" ♀	13°22'38"	05°08'41"	00°06'43"	0.003
27/02/2047 00:00:00	T♏	24°22'01" ♀	-21°14'22"	00°00'00"	-00°08'51"	0.003
27/02/2047 00:00:00	T♎	26°12'31" ♀	14°53'13"	05°07'33"	00°40'18"	0.003
27/02/2047 00:00:00	X	29°40'42" ♀	05°34'18"	-06°10'26"	00°00'25"	93.886
27/02/2047 00:00:00	Y	15°07'28" ♀	11°29'04"	-11°11'02"	00°00'00"	78.452

Ephemerides year 2047

28/02/2047 00:00:00	☉	09°18'34" ♈	-08°04'38"	00°00'00"	01°00'18"	0.990
28/02/2047 00:00:00	☾	15°07'08" ♏	10°37'05"	05°03'39"	11°54'34"	0.003
28/02/2047 00:00:00	♃	16°32'59" ♁	-14°12'23"	01°44'47"	00°07'16"	0.744
28/02/2047 00:00:00	♂	11°15'33" ♏	03°53'43"	-00°36'22"	01°13'10"	1.337
28/02/2047 00:00:00	♂	09°56'09" ♏	03°34'00"	-00°24'00"	00°45'31"	2.191
28/02/2047 00:00:00	♃	19°41'54" ♏	06°41'28"	-01°05'35"	00°12'41"	5.670
28/02/2047 00:00:00	♃	03°01'48" ♁	-22°20'24"	01°03'35"	00°04'07"	10.402
28/02/2047 00:00:00	♃	04°08'21" ♁	10°44'21"	00°48'17"	-00°02'37"	17.328
28/02/2047 00:00:00	♃	16°51'18" ♁	15°12'18"	-01°44'02"	00°01'05"	30.179
28/02/2047 00:00:00	♃	05°03'56" ♈	-20°36'08"	-11°48'32"	00°01'40"	41.735
28/02/2047 00:00:00	♁	24°13'13" ♁	-21°15'55"	00°00'00"	-00°08'36"	0.003
28/02/2047 00:00:00	♃	24°04'28" ♁	-10°38'19"	-01°24'04"	-00°02'22"	7.765
28/02/2047 00:00:00	♃	22°13'21" ♏	13°25'11"	05°08'41"	00°06'43"	0.003
28/02/2047 00:00:00	♁	24°13'13" ♁	-21°15'55"	00°00'00"	-00°08'36"	0.003
28/02/2047 00:00:00	♃	26°46'47" ♏	15°05'27"	05°07'12"	00°30'58"	0.003
28/02/2047 00:00:00	X	29°41'08" ♏	05°34'32"	-06°10'21"	00°00'26"	93.899
28/02/2047 00:00:00	Y	15°07'29" ♀	11°29'14"	-11°10'53"	00°00'01"	78.468
01/03/2047 00:00:00	☉	10°18'51" ♈	-07°41'55"	00°00'00"	01°00'16"	0.991
01/03/2047 00:00:00	☾	26°59'52" ♏	15°10'08"	05°07'04"	11°51'20"	0.003

Ephemerides year 2047

01/03/2047 00:00:00	♀	16°43'20" ♍	-14°22'03"	01°31'24"	00°13'21"	0.759
01/03/2047 00:00:00	♀	12°28'42" ♏	04°24'50"	-00°33'34"	01°13'06"	1.331
01/03/2047 00:00:00	♂	10°41'40" ♏	03°52'31"	-00°23'16"	00°45'29"	2.196
01/03/2047 00:00:00	♃	19°54'37" ♏	06°46'24"	-01°05'26"	00°12'45"	5.680
01/03/2047 00:00:00	♅	03°05'53" ♎	-22°20'16"	01°03'36"	00°04'02"	10.387
01/03/2047 00:00:00	♁	04°05'44" ♎	10°45'18"	00°48'17"	-00°02'36"	17.329
01/03/2047 00:00:00	♆	16°52'24" ♏	15°12'40"	-01°43'58"	00°01'07"	30.195
01/03/2047 00:00:00	♁	05°05'36" ♏	-20°35'34"	-11°48'35"	00°01'40"	41.734
01/03/2047 00:00:00	♁	24°05'05" ♎	-21°17'20"	00°00'00"	-00°07'31"	0.003
01/03/2047 00:00:00	♁	24°02'03" ♎	-10°37'13"	-01°23'50"	-00°02'28"	7.753
01/03/2047 00:00:00	♁	22°20'04" ♏	13°27'44"	05°08'42"	00°06'43"	0.003
01/03/2047 00:00:00	T♁	24°05'05" ♎	-21°17'20"	00°00'00"	-00°07'31"	0.003
01/03/2047 00:00:00	T♁	27°17'44" ♏	15°16'34"	05°06'59"	00°31'29"	0.003
01/03/2047 00:00:00	X	29°41'34" ♏	05°34'46"	-06°10'15"	00°00'26"	93.912
01/03/2047 00:00:00	Y	15°07'31" ♏	11°29'23"	-11°10'44"	00°00'02"	78.485
02/03/2047 00:00:00	☉	11°19'07" ♏	-07°19'05"	00°00'00"	01°00'14"	0.991
02/03/2047 00:00:00	☾	08°50'53" ♏	19°08'01"	04°57'18"	11°51'14"	0.003
02/03/2047 00:00:00	♀	16°59'35" ♍	-14°29'50"	01°18'09"	00°19'04"	0.773
02/03/2047 00:00:00	♀	13°41'47" ♏	04°55'52"	-00°30'44"	01°13'02"	1.326

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02/03/2047 00:00:00	♂	11°27'08" ♏	04°11'00"	-00°22'31"	00°45'26"	2.201
02/03/2047 00:00:00	♃	20°07'25" ♏	06°51'21"	-01°05'17"	00°12'49"	5.691
02/03/2047 00:00:00	♅	03°09'53" ♎	-22°20'09"	01°03'38"	00°03'57"	10.371
02/03/2047 00:00:00	♁	04°03'07" ♎	10°46'15"	00°48'17"	-00°02'36"	17.331
02/03/2047 00:00:00	♆	16°53'32" ♎	15°13'02"	-01°43'55"	00°01'08"	30.211
02/03/2047 00:00:00	♁	05°07'17" ♎	-20°35'00"	-11°48'39"	00°01'40"	41.733
02/03/2047 00:00:00	♁	23°58'23" ♎	-21°18'30"	00°00'00"	-00°05'47"	0.003
02/03/2047 00:00:00	♆	23°59'32" ♎	-10°36'03"	-01°23'35"	-00°02'34"	7.742
02/03/2047 00:00:00	♁	22°26'48" ♏	13°30'16"	05°08'42"	00°06'43"	0.003
02/03/2047 00:00:00	♁	23°58'23" ♎	-21°18'30"	00°00'00"	-00°05'47"	0.003
02/03/2047 00:00:00	♁	27°49'02" ♏	15°27'52"	05°06'52"	00°29'56"	0.003
02/03/2047 00:00:00	X	29°42'01" ♏	05°35'00"	-06°10'10"	00°00'27"	93.925
02/03/2047 00:00:00	Y	15°07'33" ♏	11°29'32"	-11°10'34"	00°00'02"	78.501
03/03/2047 00:00:00	♁	12°19'20" ♎	-06°56'10"	00°00'00"	01°00'12"	0.991
03/03/2047 00:00:00	♁	20°43'39" ♎	22°20'32"	04°34'43"	11°54'59"	0.003
03/03/2047 00:00:00	♁	17°21'21" ♎	-14°35'44"	01°05'05"	00°24'25"	0.788
03/03/2047 00:00:00	♀	14°54'48" ♏	05°26'47"	-00°27'50"	01°12'59"	1.320
03/03/2047 00:00:00	♂	12°12'33" ♏	04°29'24"	-00°21'47"	00°45'24"	2.206
03/03/2047 00:00:00	♃	20°20'17" ♏	06°56'20"	-01°05'09"	00°12'53"	5.701

Ephemerides year 2047

03/03/2047 00:00:00	♃	03°13'48" ♁	-22°20'02"	01°03'40"	00°03'52"	10.356
03/03/2047 00:00:00	♃	04°00'31" ♃	10°47'12"	00°48'16"	-00°02'35"	17.333
03/03/2047 00:00:00	♃	16°54'42" ♁	15°13'25"	-01°43'52"	00°01'10"	30.226
03/03/2047 00:00:00	♃	05°08'57" ♃	-20°34'26"	-11°48'44"	00°01'39"	41.732
03/03/2047 00:00:00	♁	23°53'37" ♁	-21°19'20"	00°00'00"	-00°03'41"	0.003
03/03/2047 00:00:00	♁	23°56'55" ♃	-10°34'52"	-01°23'21"	-00°02'39"	7.731
03/03/2047 00:00:00	♁	22°33'31" ♁	13°32'48"	05°08'43"	00°06'43"	0.003
03/03/2047 00:00:00	♁	23°53'37" ♁	-21°19'20"	00°00'00"	-00°03'41"	0.003
03/03/2047 00:00:00	♁	28°14'06" ♁	15°36'56"	05°06'50"	00°18'00"	0.003
03/03/2047 00:00:00	X	29°42'29" ♁	05°35'15"	-06°10'05"	00°00'27"	93.937
03/03/2047 00:00:00	Y	15°07'37" ♃	11°29'42"	-11°10'25"	00°00'03"	78.518
04/03/2047 00:00:00	♁	13°19'32" ♃	-06°33'08"	00°00'00"	01°00'10"	0.991
04/03/2047 00:00:00	♃	02°42'21" ♃	24°37'03" ♁	03°59'59"	12°03'11"	0.003
04/03/2047 00:00:00	♃	17°48'18" ♃	-14°39'47"	00°52'15"	00°29'24"	0.803
04/03/2047 00:00:00	♃	16°07'45" ♁	05°57'35"	-00°24'54"	01°12'55"	1.315
04/03/2047 00:00:00	♃	12°57'56" ♁	04°47'45"	-00°21'03"	00°45'21"	2.211
04/03/2047 00:00:00	♃	20°33'13" ♁	07°01'19"	-01°05'00"	00°12'57"	5.711
04/03/2047 00:00:00	♃	03°17'38" ♁	-22°19'54"	01°03'41"	00°03'47"	10.340
04/03/2047 00:00:00	♃	03°57'55" ♃	10°48'08"	00°48'16"	-00°02'35"	17.335

Ephemerides year 2047

04/03/2047 00:00:00	♁	16°55'54"	♏	15°13'48"	-01°43'48"	00°01'12"	30.242
04/03/2047 00:00:00	♁	05°10'37"	♏	-20°33'53"	-11°48'49"	00°01'39"	41.731
04/03/2047 00:00:00	♁	23°50'59"	♏	-21°19'47"	00°00'00"	-00°01'36"	0.003
04/03/2047 00:00:00	♁	23°54'12"	♏	-10°33'38"	-01°23'06"	-00°02'45"	7.720
04/03/2047 00:00:00	♁	22°40'15"	♏	13°35'20"	05°08'43"	00°06'43"	0.003
04/03/2047 00:00:00	T♁	23°50'59"	♏	-21°19'47"	00°00'00"	-00°01'36"	0.003
04/03/2047 00:00:00	T♁	28°20'12"	♏	15°39'13"	05°06'55"	-00°08'19"	0.003
04/03/2047 00:00:00	X	29°42'56"	♏	05°35'29"	-06°10'00"	00°00'28"	93.950
04/03/2047 00:00:00	Y	15°07'41"	♏	11°29'52"	-11°10'16"	00°00'04"	78.534
05/03/2047 00:00:00	♁	14°19'41"	♏	-06°10'01"	00°00'00"	01°00'08"	0.992
05/03/2047 00:00:00	♁	14°51'40"	♏	25°47'14"	♁ 03°13'59"	12°16'16"	0.003
05/03/2047 00:00:00	♁	18°20'03"	♏	-14°42'01"	00°39'42"	00°34'02"	0.819
05/03/2047 00:00:00	♁	17°20'38"	♏	06°28'15"	-00°21'55"	01°12'50"	1.309
05/03/2047 00:00:00	♁	13°43'17"	♏	05°06'03"	-00°20'19"	00°45'19"	2.215
05/03/2047 00:00:00	♁	20°46'13"	♏	07°06'19"	-01°04'52"	00°13'01"	5.720
05/03/2047 00:00:00	♁	03°21'24"	♏	-22°19'47"	01°03'43"	00°03'43"	10.324
05/03/2047 00:00:00	♁	03°55'20"	♏	10°49'04"	00°48'16"	-00°02'34"	17.338
05/03/2047 00:00:00	♁	16°57'07"	♏	15°14'12"	-01°43'45"	00°01'14"	30.257
05/03/2047 00:00:00	♁	05°12'16"	♏	-20°33'20"	-11°48'54"	00°01'39"	41.729

Ephemerides year 2047

05/03/2047 00:00:00	♏	23°50'16" ♃	-21°19'54"	00°00'00"	00°00'04"	0.003
05/03/2047 00:00:00	♋	23°51'24" ♃	-10°32'22"	-01°22'51"	-00°02'51"	7.710
05/03/2047 00:00:00	♏	22°46'58" ♃	13°37'52"	05°08'43"	00°06'43"	0.003
05/03/2047 00:00:00	♏	23°50'16" ♃	-21°19'54"	00°00'00"	00°00'04"	0.003
05/03/2047 00:00:00	♏	27°52'39" ♃	15°29'27"	05°07'09"	-00°48'55"	0.003
05/03/2047 00:00:00	X	29°43'25" ♃	05°35'43"	-06°09'55"	00°00'28"	93.962
05/03/2047 00:00:00	Y	15°07'46" ♃	11°30'01"	-11°10'07"	00°00'05"	78.551
06/03/2047 00:00:00	♏	15°19'48" ♃	-05°46'49"	00°00'00"	01°00'06"	0.992
06/03/2047 00:00:00	♏	27°16'35" ♃	25°42'20"	02°17'59"	12°34'22"	0.003
06/03/2047 00:00:00	♏	18°56'17" ♃	-14°42'28"	00°27'29"	00°38'21"	0.834
06/03/2047 00:00:00	♏	18°33'27" ♃	06°58'47"	-00°18'54"	01°12'46"	1.304
06/03/2047 00:00:00	♏	14°28'35" ♃	05°24'16"	-00°19'35"	00°45'16"	2.220
06/03/2047 00:00:00	♏	20°59'16" ♃	07°11'20"	-01°04'43"	00°13'05"	5.730
06/03/2047 00:00:00	♏	03°25'05" ♃	-22°19'40"	01°03'45"	00°03'38"	10.308
06/03/2047 00:00:00	♏	03°52'46" ♃	10°50'00"	00°48'15"	-00°02'33"	17.341
06/03/2047 00:00:00	♏	16°58'23" ♃	15°14'36"	-01°43'42"	00°01'16"	30.273
06/03/2047 00:00:00	♏	05°13'56" ♃	-20°32'47"	-11°48'59"	00°01'39"	41.727
06/03/2047 00:00:00	♏	23°50'53" ♃	-21°19'48"	00°00'00"	00°01'02"	0.003
06/03/2047 00:00:00	♏	23°48'30" ♃	-10°31'03"	-01°22'36"	-00°02'56"	7.700

Ephemerides year 2047

06/03/2047 00:00:00	☾	22°53'42" ♀	13°40'23"	05°08'43"	00°06'43"	0.003
06/03/2047 00:00:00	♁	23°50'53" ♂	-21°19'48"	00°00'00"	00°01'02"	0.003
06/03/2047 00:00:00	♁	26°39'11" ♀	15°02'55"	05°07'27"	-01°38'47"	0.003
06/03/2047 00:00:00	X	29°43'54" ♀	05°35'58"	-06°09'50"	00°00'29"	93.974
06/03/2047 00:00:00	Υ	15°07'52" ♀	11°30'11"	-11°09'57"	00°00'06"	78.567
07/03/2047 00:00:00	☉	16°19'54" ♀	-05°23'32"	00°00'00"	01°00'04"	0.992
07/03/2047 00:00:00	♃	10°01'59" ♀	24°16'48" ♀	01°13'43"	12°57'08"	0.003
07/03/2047 00:00:00	♁	19°36'41" ♀	-14°41'10"	00°15'36"	00°42'23"	0.849
07/03/2047 00:00:00	♀	19°46'11" ♀	07°29'10"	-00°15'50"	01°12'42"	1.298
07/03/2047 00:00:00	♂	15°13'50" ♀	05°42'25"	-00°18'51"	00°45'14"	2.225
07/03/2047 00:00:00	♃	21°12'23" ♀	07°16'22"	-01°04'35"	00°13'08"	5.739
07/03/2047 00:00:00	♃	03°28'40" ♂	-22°19'32"	01°03'47"	00°03'32"	10.292
07/03/2047 00:00:00	♃	03°50'13" ♀	10°50'55"	00°48'15"	-00°02'32"	17.344
07/03/2047 00:00:00	♁	16°59'40" ♂	15°15'01"	-01°43'39"	00°01'17"	30.288
07/03/2047 00:00:00	♁	05°15'35" ♀	-20°32'15"	-11°49'05"	00°01'39"	41.725
07/03/2047 00:00:00	♁	23°52'01" ♂	-21°19'36"	00°00'00"	00°01'03"	0.003
07/03/2047 00:00:00	♁	23°45'31" ♀	-10°29'43"	-01°22'20"	-00°03'01"	7.690
07/03/2047 00:00:00	☾	23°00'25" ♀	13°42'54"	05°08'42"	00°06'43"	0.003
07/03/2047 00:00:00	♁	23°52'01" ♂	-21°19'36"	00°00'00"	00°01'03"	0.003

Ephemerides year 2047

07/03/2047 00:00:00	T♄	24°35'29" ♏	14°17'18"	05°07'31"	-02°27'12"	0.003
07/03/2047 00:00:00	X	29°44'23" ♏	05°36'13"	-06°09'45"	00°00'29"	93.986
07/03/2047 00:00:00	Y	15°07'58" ♀	11°30'21"	-11°09'48"	00°00'07"	78.584
08/03/2047 00:00:00	☉	17°19'57" ♏	-05°00'11"	-00°00'00"	01°00'02"	0.992
08/03/2047 00:00:00	☾	23°12'07" ♏	21°29'59"	00°03'37"	13°23'38"	0.003
08/03/2047 00:00:00	♀	20°20'57" ♏	-14°38'09"	00°04'05"	00°46'07"	0.864
08/03/2047 00:00:00	♀	20°58'51" ♏	07°59'23"	-00°12'44"	01°12'37"	1.292
08/03/2047 00:00:00	♂	15°59'03" ♏	06°00'30"	-00°18'07"	00°45'11"	2.230
08/03/2047 00:00:00	♃	21°25'34" ♏	07°21'24"	-01°04'27"	00°13'12"	5.748
08/03/2047 00:00:00	♅	03°32'10" ♏	-22°19'25"	01°03'48"	00°03'27"	10.276
08/03/2047 00:00:00	♁	03°47'40" ♏	10°51'50"	00°48'14"	-00°02'32"	17.348
08/03/2047 00:00:00	♃	17°00'58" ♏	15°15'26"	-01°43'36"	00°01'19"	30.303
08/03/2047 00:00:00	♁	05°17'14" ♏	-20°31'43"	-11°49'11"	00°01'38"	41.723
08/03/2047 00:00:00	♁	23°52'40" ♏	-21°19'30"	00°00'00"	00°00'04"	0.003
08/03/2047 00:00:00	♃	23°42'26" ♏	-10°28'20"	-01°22'05"	-00°03'07"	7.680
08/03/2047 00:00:00	♄	23°07'09" ♏	13°45'25"	05°08'42"	00°06'43"	0.003
08/03/2047 00:00:00	T♁	23°52'40" ♏	-21°19'30"	00°00'00"	00°00'04"	0.003
08/03/2047 00:00:00	T♄	21°50'03" ♏	13°14'43"	05°06'52"	-02°59'51"	0.003
08/03/2047 00:00:00	X	29°44'53" ♏	05°36'28"	-06°09'40"	00°00'29"	93.997

Ephemerides year 2047

08/03/2047 00:00:00	Y	15°08'06" ♀	11°30'31"	-11°09'39"	00°00'07"	78.600
09/03/2047 00:00:00	☉	18°19'58" ♀	-04°36'46"	-00°00'00"	00°59'59"	0.993
09/03/2047 00:00:00	☾	06°49'58" ♀	17°26'54"	-01°08'56"	13°52'10"	0.002
09/03/2047 00:00:00	♁	21°08'51" ♀	-14°33'27"	-00°07'01"	00°49'36"	0.880
09/03/2047 00:00:00	♂	22°11'27" ♀	08°29'25"	-00°09'35"	01°12'33"	1.287
09/03/2047 00:00:00	♂	16°44'13" ♀	06°18'31"	-00°17'23"	00°45'08"	2.234
09/03/2047 00:00:00	♁	21°38'48" ♀	07°26'28"	-01°04'20"	00°13'15"	5.757
09/03/2047 00:00:00	♂	03°35'36" ♀	-22°19'18"	01°03'50"	00°03'22"	10.260
09/03/2047 00:00:00	♁	03°45'09" ♀	10°52'45"	00°48'14"	-00°02'31"	17.351
09/03/2047 00:00:00	♁	17°02'19" ♀	15°15'52"	-01°43'32"	00°01'21"	30.318
09/03/2047 00:00:00	♁	05°18'53" ♀	-20°31'11"	-11°49'17"	00°01'38"	41.720
09/03/2047 00:00:00	♁	23°51'53" ♀	-21°19'38"	00°00'00"	-00°01'45"	0.003
09/03/2047 00:00:00	♁	23°39'17" ♀	-10°26'55"	-01°21'49"	-00°03'12"	7.670
09/03/2047 00:00:00	♁	23°13'52" ♀	13°47'56"	05°08'41"	00°06'43"	0.003
09/03/2047 00:00:00	T♁	23°51'53" ♀	-21°19'38"	00°00'00"	-00°01'45"	0.003
09/03/2047 00:00:00	T♁	18°44'43" ♀	12°02'38"	05°05'14"	-03°06'03"	0.003
09/03/2047 00:00:00	X	29°45'23" ♀	05°36'43"	-06°09'35"	00°00'30"	94.009
09/03/2047 00:00:00	Y	15°08'14" ♀	11°30'41"	-11°09'29"	00°00'08"	78.617
10/03/2047 00:00:00	☉	19°19'57" ♀	-04°13'18"	-00°00'00"	00°59'57"	0.993

Ephemerides year 2047

10/03/2047 00:00:00	♃	20°56'20" ♈	12°18'21"	-02°19'40"	14°20'12"	0.002
10/03/2047 00:00:00	♆	22°00'07" ♎	-14°27'07"	-00°17'44"	00°52'52"	0.895
10/03/2047 00:00:00	♀	23°23'58" ♈	08°59'16"	-00°06'25"	01°12'28"	1.281
10/03/2047 00:00:00	♂	17°29'20" ♈	06°36'27"	-00°16'39"	00°45'05"	2.239
10/03/2047 00:00:00	♃	21°52'05" ♈	07°31'32"	-01°04'12"	00°13'18"	5.766
10/03/2047 00:00:00	♄	03°38'56" ♉	-22°19'11"	01°03'52"	00°03'17"	10.244
10/03/2047 00:00:00	♅	03°42'38" ♉	10°53'39"	00°48'13"	-00°02'30"	17.356
10/03/2047 00:00:00	♆	17°03'41" ♉	15°16'18"	-01°43'29"	00°01'22"	30.333
10/03/2047 00:00:00	♁	05°20'31" ♈	-20°30'40"	-11°49'23"	00°01'38"	41.717
10/03/2047 00:00:00	♂	23°48'59" ♉	-21°20'08"	00°00'00"	-00°04'06"	0.003
10/03/2047 00:00:00	♃	23°36'02" ♈	-10°25'28"	-01°21'33"	-00°03'17"	7.661
10/03/2047 00:00:00	♁	23°20'36" ♈	13°50'26"	05°08'41"	00°06'43"	0.003
10/03/2047 00:00:00	T♂	23°48'59" ♉	-21°20'08"	00°00'00"	-00°04'06"	0.003
10/03/2047 00:00:00	T♁	15°46'29" ♈	10°51'33"	05°02'45"	-02°47'03"	0.003
10/03/2047 00:00:00	X	29°45'54" ♈	05°36'58"	-06°09'30"	00°00'30"	94.020
10/03/2047 00:00:00	Y	15°08'23" ♈	11°30'52"	-11°09'20"	00°00'09"	78.633
11/03/2047 00:00:00	☉	20°19'53" ♈	-03°49'47"	-00°00'00"	00°59'55"	0.993
11/03/2047 00:00:00	♃	05°29'10" ♉	06°20'28"	-03°23'28"	14°44'32"	0.002
11/03/2047 00:00:00	♆	22°54'31" ♎	-14°19'09"	-00°28'03"	00°55'54"	0.910

Ephemerides year 2047

11/03/2047 00:00:00	♀	24°36'24" ♀	09°28'55"	-00°03'12"	01°12'23"	1.275
11/03/2047 00:00:00	♂	18°14'25" ♀	06°54'18"	-00°15'56"	00°45'03"	2.244
11/03/2047 00:00:00	♃	22°05'25" ♀	07°36'37"	-01°04'04"	00°13'22"	5.775
11/03/2047 00:00:00	♅	03°42'10" ♂	-22°19'03"	01°03'54"	00°03'12"	10.228
11/03/2047 00:00:00	♁	03°40'08" ♀	10°54'33"	00°48'13"	-00°02'29"	17.360
11/03/2047 00:00:00	♃	17°05'04" ♂	15°16'44"	-01°43'26"	00°01'24"	30.347
11/03/2047 00:00:00	♁	05°22'09" ♀	-20°30'09"	-11°49'30"	00°01'37"	41.713
11/03/2047 00:00:00	♁	23°43'41" ♂	-21°21'03"	00°00'00"	-00°06'28"	0.003
11/03/2047 00:00:00	♃	23°32'42" ♀	-10°23'59"	-01°21'17"	-00°03'22"	7.652
11/03/2047 00:00:00	♁	23°27'19" ♀	13°52'56"	05°08'40"	00°06'43"	0.003
11/03/2047 00:00:00	T♁	23°43'41" ♂	-21°21'03"	00°00'00"	-00°06'28"	0.003
11/03/2047 00:00:00	T♃	13°14'29" ♀	09°49'45"	05°00'00"	-02°16'31"	0.003
11/03/2047 00:00:00	X	29°46'25" ♀	05°37'13"	-06°09'25"	00°00'31"	94.031
11/03/2047 00:00:00	Y	15°08'33" ♀	11°31'02"	-11°09'11"	00°00'10"	78.650
12/03/2047 00:00:00	♁	21°19'48" ♀	-03°26'13"	-00°00'00"	00°59'53"	0.993
12/03/2047 00:00:00	♃	20°23'05" ♀	-00°05'58"	-04°14'56"	15°01'53"	0.002
12/03/2047 00:00:00	♃	23°51'52" ♂	-14°09'37"	-00°37'57"	00°58'45"	0.925
12/03/2047 00:00:00	♀	25°48'46" ♀	09°58'21"	00°00'01"	01°12'19"	1.269
12/03/2047 00:00:00	♂	18°59'26" ♀	07°12'04"	-00°15'12"	00°45'00"	2.248

Ephemerides year 2047

12/03/2047 00:00:00	♃	22°18'49" ♏	07°41'42"	-01°03'57"	00°13'25"	5.783
12/03/2047 00:00:00	♅	03°45'20" ♎	-22°18'56"	01°03'56"	00°03'06"	10.212
12/03/2047 00:00:00	♁	03°37'39" ♏	10°55'26"	00°48'12"	-00°02'28"	17.365
12/03/2047 00:00:00	♆	17°06'29" ♎	15°17'11"	-01°43'23"	00°01'25"	30.362
12/03/2047 00:00:00	♁	05°23'46" ♏	-20°29'39"	-11°49'37"	00°01'37"	41.710
12/03/2047 00:00:00	♁	23°36'12" ♎	-21°22'20"	00°00'00"	-00°08'21"	0.003
12/03/2047 00:00:00	♆	23°29'17" ♏	-10°22'28"	-01°21'00"	-00°03'27"	7.643
12/03/2047 00:00:00	♁	23°34'02" ♏	13°55'26"	05°08'39"	00°06'43"	0.003
12/03/2047 00:00:00	♁♁	23°36'12" ♎	-21°22'20"	00°00'00"	-00°08'21"	0.003
12/03/2047 00:00:00	♁♁	11°11'25" ♏	08°59'05"	04°57'25"	-01°51'47"	0.003
12/03/2047 00:00:00	X	29°46'56" ♏	05°37'28"	-06°09'21"	00°00'31"	94.041
12/03/2047 00:00:00	Y	15°08'43" ♏	11°31'12"	-11°09'02"	00°00'10"	78.666
13/03/2047 00:00:00	♁	22°19'41" ♏	-03°02'36"	-00°00'00"	00°59'51"	0.994
13/03/2047 00:00:00	♁	05°29'46" ♏	-06°36'33"	-04°49'22"	15°09'43"	0.002
13/03/2047 00:00:00	♁	24°51'59" ♏	-13°58'31"	-00°47'25"	01°01'26"	0.940
13/03/2047 00:00:00	♁	27°01'03" ♏	10°27'33"	00°03'17"	01°12'14"	1.263
13/03/2047 00:00:00	♁	19°44'25" ♏	07°29'45"	-00°14'29"	00°44'57"	2.253
13/03/2047 00:00:00	♃	22°32'15" ♏	07°46'48"	-01°03'49"	00°13'28"	5.792
13/03/2047 00:00:00	♅	03°48'24" ♎	-22°18'49"	01°03'58"	00°03'01"	10.195

Ephemerides year 2047

13/03/2047 00:00:00	♃	03°35'12" ♃	10°56'19"	00°48'11"	-00°02'26"	17.370
13/03/2047 00:00:00	♃	17°07'56" ♃	15°17'38"	-01°43'20"	00°01'27"	30.376
13/03/2047 00:00:00	♃	05°25'23" ♃	-20°29'09"	-11°49'44"	00°01'36"	41.706
13/03/2047 00:00:00	♃	23°27'17" ♃	-21°23'51"	00°00'00"	-00°09'16"	0.003
13/03/2047 00:00:00	♃	23°25'47" ♃	-10°20'55"	-01°20'44"	-00°03'31"	7.635
13/03/2047 00:00:00	♃	23°40'46" ♃	13°57'56"	05°08'37"	00°06'43"	0.003
13/03/2047 00:00:00	♃	23°27'17" ♃	-21°23'51"	00°00'00"	-00°09'16"	0.003
13/03/2047 00:00:00	♃	09°25'00" ♃	08°14'59"	04°55'05"	-01°44'20"	0.003
13/03/2047 00:00:00	X	29°47'28" ♃	05°37'44"	-06°09'16"	00°00'31"	94.052
13/03/2047 00:00:00	Y	15°08'55" ♃	11°31'22"	-11°08'52"	00°00'11"	78.683
14/03/2047 00:00:00	♃	23°19'32" ♃	-02°38'58"	-00°00'00"	00°59'50"	0.994
14/03/2047 00:00:00	♃	20°38'59" ♃	-12°44'48"	-05°03'39"	15°06'58"	0.002
14/03/2047 00:00:00	♃	25°54'41" ♃	-13°45'53"	-00°56'28"	01°03'57"	0.955
14/03/2047 00:00:00	♃	28°13'15" ♃	10°56'32"	00°06'35"	01°12'09"	1.257
14/03/2047 00:00:00	♃	20°29'21" ♃	07°47'21"	-00°13'45"	00°44'54"	2.258
14/03/2047 00:00:00	♃	22°45'45" ♃	07°51'55"	-01°03'42"	00°13'31"	5.800
14/03/2047 00:00:00	♃	03°51'23" ♃	-22°18'42"	01°04'00"	00°02'56"	10.179
14/03/2047 00:00:00	♃	03°32'46" ♃	10°57'11"	00°48'10"	-00°02'25"	17.375
14/03/2047 00:00:00	♃	17°09'24" ♃	15°18'06"	-01°43'17"	00°01'29"	30.390

Ephemerides year 2047

14/03/2047 00:00:00	♁	05°27'00"	♈	-20°28'40"	-11°49'52"	00°01'36"	41.702
14/03/2047 00:00:00	♁	23°18'02"	♈	-21°25'25"	00°00'00"	-00°09'01"	0.003
14/03/2047 00:00:00	♁	23°22'13"	♈	-10°19'20"	-01°20'27"	-00°03'36"	7.626
14/03/2047 00:00:00	♁	23°47'29"	♈	14°00'25"	05°08'36"	00°06'43"	0.003
14/03/2047 00:00:00	♁	23°18'02"	♈	-21°25'25"	00°00'00"	-00°09'01"	0.003
14/03/2047 00:00:00	♁	07°36'36"	♈	07°29'55"	04°52'42"	-01°54'50"	0.003
14/03/2047 00:00:00	X	29°48'00"	♈	05°37'59"	-06°09'11"	00°00'32"	94.062
14/03/2047 00:00:00	Y	15°09'07"	♈	11°31'33"	-11°08'43"	00°00'12"	78.699
15/03/2047 00:00:00	♁	24°19'21"	♈	-02°15'17"	-00°00'00"	00°59'48"	0.994
15/03/2047 00:00:00	♁	05°40'28"	♈	-18°04'15"	-04°56'51"	14°54'32"	0.002
15/03/2047 00:00:00	♁	26°59'51"	♈	-13°31'46"	-01°05'05"	01°06'19"	0.969
15/03/2047 00:00:00	♁	29°25'22"	♈	11°25'15"	00°09'55"	01°12'05"	1.251
15/03/2047 00:00:00	♁	21°14'15"	♈	08°04'52"	-00°13'02"	00°44'52"	2.262
15/03/2047 00:00:00	♁	22°59'18"	♈	07°57'02"	-01°03'35"	00°13'34"	5.808
15/03/2047 00:00:00	♁	03°54'16"	♈	-22°18'35"	01°04'02"	00°02'50"	10.162
15/03/2047 00:00:00	♁	03°30'20"	♈	10°58'03"	00°48'10"	-00°02'24"	17.381
15/03/2047 00:00:00	♁	17°10'54"	♈	15°18'34"	-01°43'14"	00°01'30"	30.404
15/03/2047 00:00:00	♁	05°28'36"	♈	-20°28'11"	-11°50'00"	00°01'36"	41.697
15/03/2047 00:00:00	♁	23°09'37"	♈	-21°26'50"	00°00'00"	-00°07'38"	0.003

Ephemerides year 2047

15/03/2047 00:00:00	♁	23°18'34"	♈	-10°17'43"	-01°20'10"	-00°03'40"	7.618
15/03/2047 00:00:00	♁	23°54'12"	♈	14°02'55"	05°08'34"	00°06'43"	0.003
15/03/2047 00:00:00	♁	23°09'37"	♈	-21°26'50"	00°00'00"	-00°07'38"	0.003
15/03/2047 00:00:00	♁	05°33'02"	♈	06°38'17"	04°49'51"	-02°11'53"	0.003
15/03/2047 00:00:00	X	29°48'32"	♈	05°38'14"	-06°09'07"	00°00'32"	94.072
15/03/2047 00:00:00	Y	15°09'19"	♈	11°31'43"	-11°08'34"	00°00'13"	78.715
16/03/2047 00:00:00	♁	25°19'09"	♈	-01°51'35"	-00°00'00"	00°59'46"	0.994
16/03/2047 00:00:00	♁	20°25'38"	♈	-22°11'23"	-04°30'19"	14°34'50"	0.002
16/03/2047 00:00:00	♁	28°07'18"	♈	-13°16'10"	-01°13'15"	01°08'34"	0.984
16/03/2047 00:00:00	♁	00°37'25"	♈	11°53'43"	00°13'16"	01°12'00"	1.245
16/03/2047 00:00:00	♁	21°59'06"	♈	08°22'18"	-00°12'19"	00°44'49"	2.267
16/03/2047 00:00:00	♁	23°12'53"	♈	08°02'10"	-01°03'28"	00°13'37"	5.815
16/03/2047 00:00:00	♁	03°57'05"	♈	-22°18'27"	01°04'04"	00°02'45"	10.146
16/03/2047 00:00:00	♁	03°27'57"	♈	10°58'54"	00°48'09"	-00°02'22"	17.387
16/03/2047 00:00:00	♁	17°12'26"	♈	15°19'02"	-01°43'12"	00°01'32"	30.418
16/03/2047 00:00:00	♁	05°30'12"	♈	-20°27'42"	-11°50'08"	00°01'35"	41.693
16/03/2047 00:00:00	♁	23°03'01"	♈	-21°27'56"	00°00'00"	-00°05'28"	0.003
16/03/2047 00:00:00	♁	23°14'51"	♈	-10°16'04"	-01°19'53"	-00°03'45"	7.611
16/03/2047 00:00:00	♁	24°00'56"	♈	14°05'23"	05°08'33"	00°06'43"	0.003

Ephemerides year 2047

16/03/2047 00:00:00	T♄	23°03'01" ♉	-21°27'56"	00°00'00"	-00°05'28"	0.003
16/03/2047 00:00:00	T♄	03°17'12" ♉	05°41'09"	04°46'24"	-02°15'51"	0.003
16/03/2047 00:00:00	X	29°49'05" ♉	05°38'30"	-06°09'02"	00°00'33"	94.082
16/03/2047 00:00:00	Y	15°09'33" ♉	11°31'54"	-11°08'25"	00°00'14"	78.732
17/03/2047 00:00:00	♁	26°18'55" ♉	-01°27'52"	-00°00'00"	00°59'45"	0.995
17/03/2047 00:00:00	♂	04°48'47" ♉	-24°48'51"	♁-03°47'08"	14°11'03"	0.002
17/03/2047 00:00:00	♀	29°16'58" ♉	-12°59'08"	-01°21'00"	01°10'42"	0.998
17/03/2047 00:00:00	♀	01°49'23" ♉	12°21'55"	00°16'39"	01°11'55"	1.239
17/03/2047 00:00:00	♂	22°43'55" ♉	08°39'37"	-00°11'36"	00°44'47"	2.272
17/03/2047 00:00:00	♃	23°26'32" ♉	08°07'18"	-01°03'21"	00°13'39"	5.823
17/03/2047 00:00:00	♃	03°59'47" ♉	-22°18'20"	01°04'06"	00°02'40"	10.129
17/03/2047 00:00:00	♃	03°25'35" ♉	10°59'45"	00°48'08"	-00°02'21"	17.393
17/03/2047 00:00:00	♃	17°13'59" ♉	15°19'31"	-01°43'09"	00°01'33"	30.432
17/03/2047 00:00:00	♃	05°31'48" ♉	-20°27'14"	-11°50'16"	00°01'35"	41.688
17/03/2047 00:00:00	♁	22°58'45" ♉	-21°28'39"	00°00'00"	-00°03'03"	0.003
17/03/2047 00:00:00	♃	23°11'04" ♉	-10°14'24"	-01°19'36"	-00°03'49"	7.603
17/03/2047 00:00:00	♃	24°07'39" ♉	14°07'52"	05°08'31"	00°06'43"	0.003
17/03/2047 00:00:00	T♄	22°58'45" ♉	-21°28'39"	00°00'00"	-00°03'03"	0.003
17/03/2047 00:00:00	T♄	01°11'34" ♉	04°47'55"	04°42'51"	-01°49'35"	0.003

Ephemerides year 2047

17/03/2047 00:00:00	X	29°49'39" ♀	05°38'46"	-06°08'58"	00°00'33"	94.091
17/03/2047 00:00:00	Y	15°09'48" ♀	11°32'04"	-11°08'16"	00°00'14"	78.748
18/03/2047 00:00:00	☉	27°18'39" ♀	-01°04'09"	-00°00'00"	00°59'43"	0.995
18/03/2047 00:00:00	☾	18°47'24" ♂	-25°48'26"	-02°51'22"	13°46'13"	0.003
18/03/2047 00:00:00	♁	00°28'42" ♀	-12°40'40"	-01°28'19"	01°12'44"	1.012
18/03/2047 00:00:00	♂	03°01'16" ♂	12°49'50"	00°20'02"	01°11'50"	1.233
18/03/2047 00:00:00	♂	23°28'40" ♀	08°56'51"	-00°10'53"	00°44'44"	2.276
18/03/2047 00:00:00	♃	23°40'13" ♀	08°12'26"	-01°03'15"	00°13'42"	5.830
18/03/2047 00:00:00	♄	04°02'25" ♂	-22°18'14"	01°04'08"	00°02'34"	10.113
18/03/2047 00:00:00	♅	03°23'14" ♀	11°00'35"	00°48'07"	-00°02'19"	17.399
18/03/2047 00:00:00	♆	17°15'34" ♂	15°20'00"	-01°43'06"	00°01'35"	30.445
18/03/2047 00:00:00	♇	05°33'22" ♀	-20°26'46"	-11°50'25"	00°01'34"	41.683
18/03/2047 00:00:00	♈	22°56'47" ♂	-21°28'59"	00°00'00"	-00°00'58"	0.003
18/03/2047 00:00:00	♉	23°07'12" ♀	-10°12'41"	-01°19'18"	-00°03'53"	7.596
18/03/2047 00:00:00	♊	24°14'23" ♀	14°10'21"	05°08'29"	00°06'43"	0.003
18/03/2047 00:00:00	T♈	22°56'47" ♂	-21°28'59"	00°00'00"	-00°00'58"	0.003
18/03/2047 00:00:00	T♉	29°49'09" ♀	04°12'50"	04°40'19"	-00°50'29"	0.003
18/03/2047 00:00:00	X	29°50'13" ♀	05°39'01"	-06°08'54"	00°00'34"	94.101
18/03/2047 00:00:00	Y	15°10'03" ♀	11°32'15"	-11°08'07"	00°00'15"	78.764

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19/03/2047 00:00:00	☉	28°18'21" ♈	-00°40'25"	-00°00'00"	00°59'41"	0.995
19/03/2047 00:00:00	☾	02°21'41" ♎	-25°12'08"	0-01°47'21"	13°22'42"	0.003
19/03/2047 00:00:00	♁	01°42'25" ♈	-12°20'48"	-01°35'11"	01°14'40"	1.026
19/03/2047 00:00:00	♂	04°13'04" ♉	13°17'27"	00°23'27"	01°11'45"	1.227
19/03/2047 00:00:00	♊	24°13'24" ♋	09°14'00"	-00°10'10"	00°44'41"	2.281
19/03/2047 00:00:00	♋	23°53'57" ♋	08°17'35"	-01°03'08"	00°13'45"	5.838
19/03/2047 00:00:00	♌	04°04'57" ♌	-22°18'07"	01°04'10"	00°02'29"	10.096
19/03/2047 00:00:00	♍	03°20'55" ♌	11°01'24"	00°48'06"	-00°02'18"	17.406
19/03/2047 00:00:00	♎	17°17'10" ♉	15°20'29"	-01°43'03"	00°01'36"	30.458
19/03/2047 00:00:00	♏	05°34'57" ♈	-20°26'18"	-11°50'34"	00°01'34"	41.677
19/03/2047 00:00:00	♐	22°56'32" ♎	-21°29'01"	00°00'00"	00°00'17"	0.003
19/03/2047 00:00:00	♑	23°03'17" ♏	-10°10'57"	-01°19'00"	-00°03'57"	7.589
19/03/2047 00:00:00	♒	24°21'06" ♋	14°12'49"	05°08'27"	00°06'43"	0.003
19/03/2047 00:00:00	T♏	22°56'32" ♎	-21°29'01"	00°00'00"	00°00'17"	0.003
19/03/2047 00:00:00	T♑	29°37'14" ♈	04°07'46"	04°39'56"	00°28'26"	0.003
19/03/2047 00:00:00	X	29°50'47" ♋	05°39'17"	-06°08'49"	00°00'34"	94.110
19/03/2047 00:00:00	Y	15°10'19" ♌	11°32'25"	-11°07'58"	00°00'16"	78.780
20/03/2047 00:00:00	☉	29°18'02" ♈	-00°16'41"	-00°00'00"	00°59'40"	0.996
20/03/2047 00:00:00	☾	15°33'44" ♎	-23°10'36"	-00°39'15"	13°01'56"	0.003

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20/03/2047 00:00:00	♀	02°58'01" ♈	-11°59'34"	-01°41'36"	01°16'31"	1.040
20/03/2047 00:00:00	♀	05°24'47" ♉	13°44'46"	00°26'53"	01°11'40"	1.221
20/03/2047 00:00:00	♂	24°58'04" ♈	09°31'02"	-00°09'27"	00°44'39"	2.285
20/03/2047 00:00:00	♈	24°07'44" ♈	08°22'45"	-01°03'01"	00°13'47"	5.845
20/03/2047 00:00:00	♁	04°07'23" ♉	-22°18'00"	01°04'13"	00°02'23"	10.080
20/03/2047 00:00:00	♁	03°18'37" ♉	11°02'13"	00°48'05"	-00°02'16"	17.413
20/03/2047 00:00:00	♁	17°18'47" ♉	15°20'59"	-01°43'00"	00°01'38"	30.471
20/03/2047 00:00:00	♁	05°36'31" ♈	-20°25'51"	-11°50'43"	00°01'33"	41.671
20/03/2047 00:00:00	♁	22°57'00" ♉	-21°28'56"	00°00'00"	00°00'27"	0.003
20/03/2047 00:00:00	♁	22°59'18" ♉	-10°09'12"	-01°18'42"	-00°04'01"	7.582
20/03/2047 00:00:00	♁	24°27'50" ♈	14°15'17"	05°08'24"	00°06'43"	0.003
20/03/2047 00:00:00	T♁	22°57'00" ♉	-21°28'56"	00°00'00"	00°00'27"	0.003
20/03/2047 00:00:00	T♁	00°46'33" ♈	04°37'19"	04°42'07"	01°49'06"	0.003
20/03/2047 00:00:00	X	29°51'21" ♈	05°39'33"	-06°08'45"	00°00'34"	94.118
20/03/2047 00:00:00	Y	15°10'36" ♈	11°32'36"	-11°07'48"	00°00'17"	78.796
21/03/2047 00:00:00	☉	00°17'42" ♈	00°07'02"	-00°00'00"	00°59'38"	0.996
21/03/2047 00:00:00	☾	28°26'42" ♉	-19°59'29"	00°29'11"	12°44'33"	0.003
21/03/2047 00:00:00	♀	04°15'27" ♈	-11°36'59"	-01°47'36"	01°18'18"	1.053
21/03/2047 00:00:00	♀	06°36'25" ♉	14°11'46"	00°30'20"	01°11'35"	1.215

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21/03/2047 00:00:00	♂	25°42'42" ♏	09°47'58"	-00°08'45"	00°44'36"	2.290
21/03/2047 00:00:00	♃	24°21'32" ♏	08°27'55"	-01°02'55"	00°13'50"	5.851
21/03/2047 00:00:00	♅	04°09'44" ♎	-22°17'54"	01°04'15"	00°02'17"	10.063
21/03/2047 00:00:00	♁	03°16'21" ♏	11°03'01"	00°48'04"	-00°02'15"	17.420
21/03/2047 00:00:00	♆	17°20'26" ♎	15°21'30"	-01°42'58"	00°01'39"	30.484
21/03/2047 00:00:00	♁	05°38'04" ♏	-20°25'25"	-11°50'53"	00°01'33"	41.665
21/03/2047 00:00:00	♁	22°57'02" ♎	-21°28'56"	00°00'00"	-00°00'34"	0.003
21/03/2047 00:00:00	♆	22°55'15" ♏	-10°07'24"	-01°18'24"	-00°04'04"	7.576
21/03/2047 00:00:00	♁	24°34'33" ♏	14°17'45"	05°08'22"	00°06'43"	0.003
21/03/2047 00:00:00	♁♁	22°57'02" ♎	-21°28'56"	00°00'00"	-00°00'34"	0.003
21/03/2047 00:00:00	♁♆	03°11'16" ♏	05°38'41"	04°46'17"	02°57'26"	0.003
21/03/2047 00:00:00	X	29°51'56" ♏	05°39'49"	-06°08'41"	00°00'34"	94.127
21/03/2047 00:00:00	Y	15°10'54" ♏	11°32'47"	-11°07'39"	00°00'17"	78.812
22/03/2047 00:00:00	♁	01°17'19" ♏	00°30'45"	00°00'00"	00°59'36"	0.996
22/03/2047 00:00:00	♁	11°04'00" ♏	-15°55'45"	01°34'43"	12°30'34"	0.003
22/03/2047 00:00:00	♁	05°34'38" ♏	-11°13'03"	-01°53'08"	01°20'01"	1.067
22/03/2047 00:00:00	♀	07°47'58" ♎	14°38'26"	00°33'47"	01°11'30"	1.209
22/03/2047 00:00:00	♂	26°27'17" ♏	10°04'48"	-00°08'02"	00°44'33"	2.295
22/03/2047 00:00:00	♃	24°35'24" ♏	08°33'05"	-01°02'49"	00°13'52"	5.858

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22/03/2047 00:00:00	♃	04°11'58" ⚊	-22°17'47"	01°04'17"	00°02'12"	10.046
22/03/2047 00:00:00	♅	03°14'07" ♁	11°03'49"	00°48'03"	-00°02'13"	17.428
22/03/2047 00:00:00	♆	17°22'06" ⚎	15°22'00"	-01°42'55"	00°01'40"	30.497
22/03/2047 00:00:00	♁	05°39'37" ♃	-20°24'59"	-11°51'03"	00°01'32"	41.659
22/03/2047 00:00:00	♄	22°55'30" ⚊	-21°29'11"	00°00'00"	-00°02'37"	0.003
22/03/2047 00:00:00	♁	22°51'08" ♁	-10°05'35"	-01°18'05"	-00°04'08"	7.570
22/03/2047 00:00:00	♁	24°41'17" ♁	14°20'12"	05°08'19"	00°06'43"	0.003
22/03/2047 00:00:00	♄	22°55'30" ⚊	-21°29'11"	00°00'00"	-00°02'37"	0.003
22/03/2047 00:00:00	♁	06°34'34" ♁	07°04'01"	04°51'17"	03°45'19"	0.003
22/03/2047 00:00:00	X	29°52'31" ♁	05°40'05"	-06°08'37"	00°00'35"	94.135
22/03/2047 00:00:00	Y	15°11'12" ♀	11°32'58"	-11°07'31"	00°00'18"	78.828
23/03/2047 00:00:00	♁	02°16'54" ♁	00°54'26"	00°00'00"	00°59'34"	0.996
23/03/2047 00:00:00	♃	23°28'52" ♁	-11°15'23"	02°34'30"	12°19'36"	0.003
23/03/2047 00:00:00	♆	06°55'30" ♃	-10°47'49"	-01°58'14"	01°21'41"	1.080
23/03/2047 00:00:00	♁	08°59'25" ⚎	15°04'45"	00°37'15"	01°11'24"	1.202
23/03/2047 00:00:00	♂	27°11'50" ♁	10°21'31"	-00°07'20"	00°44'31"	2.299
23/03/2047 00:00:00	♁	24°49'17" ♁	08°38'15"	-01°02'43"	00°13'54"	5.865
23/03/2047 00:00:00	♃	04°14'08" ⚊	-22°17'41"	01°04'19"	00°02'06"	10.030
23/03/2047 00:00:00	♅	03°11'54" ♁	11°04'36"	00°48'01"	-00°02'11"	17.436

Ephemerides year 2047

23/03/2047 00:00:00	♁	17°23'48" ♂	15°22'31"	-01°42'52"	00°01'42"	30.509
23/03/2047 00:00:00	♁	05°41'09" ♀	-20°24'33"	-11°51'13"	00°01'31"	41.653
23/03/2047 00:00:00	♁	22°51'34" ♀	-21°29'51"	00°00'00"	-00°05'20"	0.003
23/03/2047 00:00:00	♁	22°46'58" ♀	-10°03'45"	-01°17'47"	-00°04'11"	7.564
23/03/2047 00:00:00	♁	24°48'00" ♀	14°22'39"	05°08'16"	00°06'43"	0.003
23/03/2047 00:00:00	T♁	22°51'34" ♀	-21°29'51"	00°00'00"	-00°05'20"	0.003
23/03/2047 00:00:00	T♁	10°33'53" ♀	08°42'51"	04°55'50"	04°09'11"	0.003
23/03/2047 00:00:00	X	29°53'07" ♀	05°40'21"	-06°08'33"	00°00'35"	94.143
23/03/2047 00:00:00	Y	15°11'31" ♀	11°33'08"	-11°07'22"	00°00'19"	78.844
24/03/2047 00:00:00	♁	03°16'28" ♀	01°18'06"	00°00'00"	00°59'32"	0.997
24/03/2047 00:00:00	♁	05°44'02" ♀	-06°12'32"	03°26'10"	12°11'05"	0.003
24/03/2047 00:00:00	♁	08°18'00" ♀	-10°21'17"	-02°02'53"	01°23'18"	1.093
24/03/2047 00:00:00	♁	10°10'47" ♂	15°30'44"	00°40'44"	01°11'19"	1.196
24/03/2047 00:00:00	♁	27°56'20" ♀	10°38'08"	-00°06'37"	00°44'28"	2.304
24/03/2047 00:00:00	♁	25°03'13" ♀	08°43'25"	-01°02'37"	00°13'56"	5.871
24/03/2047 00:00:00	♁	04°16'11" ♀	-22°17'35"	01°04'21"	00°02'00"	10.013
24/03/2047 00:00:00	♁	03°09'44" ♀	11°05'22"	00°48'00"	-00°02'09"	17.444
24/03/2047 00:00:00	♁	17°25'31" ♂	15°23'02"	-01°42'50"	00°01'43"	30.522
24/03/2047 00:00:00	♁	05°42'40" ♀	-20°24'08"	-11°51'23"	00°01'30"	41.646

Ephemerides year 2047

24/03/2047 00:00:00	♁	22°44'44" ♄	-21°30'59"	00°00'00"	-00°08'17"	0.003
24/03/2047 00:00:00	♋	22°42'45" ♄	-10°01'53"	-01°17'28"	-00°04'15"	7.558
24/03/2047 00:00:00	♌	24°54'43" ♄	14°25'06"	05°08'14"	00°06'43"	0.003
24/03/2047 00:00:00	♁	22°44'44" ♄	-21°30'59"	00°00'00"	-00°08'17"	0.003
24/03/2047 00:00:00	♌	14°44'56" ♄	10°24'11"	04°59'01"	04°09'07"	0.003
24/03/2047 00:00:00	X	29°53'42" ♄	05°40'37"	-06°08'29"	00°00'35"	94.151
24/03/2047 00:00:00	Y	15°11'51" ♀	11°33'19"	-11°07'13"	00°00'20"	78.860
25/03/2047 00:00:00	♁	04°16'00" ♄	01°41'44"	00°00'00"	00°59'30"	0.997
25/03/2047 00:00:00	♃	17°51'41" ♄	-00°59'35"	04°07'47"	12°04'26"	0.003
25/03/2047 00:00:00	♌	09°42'06" ♄	-09°53'29"	-02°07'06"	01°24'52"	1.106
25/03/2047 00:00:00	♌	11°22'04" ♄	15°56'20"	00°44'13"	01°11'13"	1.190
25/03/2047 00:00:00	♌	28°40'47" ♄	10°54'38"	-00°05'55"	00°44'25"	2.308
25/03/2047 00:00:00	♌	25°17'11" ♄	08°48'36"	-01°02'31"	00°13'58"	5.877
25/03/2047 00:00:00	♌	04°18'09" ♄	-22°17'29"	01°04'24"	00°01'54"	9.996
25/03/2047 00:00:00	♌	03°07'35" ♄	11°06'07"	00°47'59"	-00°02'08"	17.452
25/03/2047 00:00:00	♌	17°27'15" ♄	15°23'34"	-01°42'47"	00°01'44"	30.534
25/03/2047 00:00:00	♌	05°44'11" ♄	-20°23'44"	-11°51'34"	00°01'30"	41.639
25/03/2047 00:00:00	♁	22°35'03" ♄	-21°32'34"	00°00'00"	-00°10'59"	0.003
25/03/2047 00:00:00	♋	22°38'28" ♄	-10°00'00"	-01°17'09"	-00°04'18"	7.553

Ephemerides year 2047

25/03/2047 00:00:00	☾	25°01'26" ♀	14°27'33"	05°08'10"	00°06'43"	0.003
25/03/2047 00:00:00	♄	22°35'03" ♀	-21°32'34"	00°00'00"	-00°10'59"	0.003
25/03/2047 00:00:00	♃	18°45'36" ♀	11°58'38"	05°00'33"	03°49'36"	0.003
25/03/2047 00:00:00	X	29°54'18" ♀	05°40'53"	-06°08'25"	00°00'36"	94.158
25/03/2047 00:00:00	Y	15°12'11" ♀	11°33'30"	-11°07'04"	00°00'20"	78.876
26/03/2047 00:00:00	☉	05°15'29" ♀	02°05'19"	00°00'00"	00°59'28"	0.997
26/03/2047 00:00:00	☾	29°53'24" ♀	04°12'18"	04°37'53"	11°59'13"	0.003
26/03/2047 00:00:00	♁	11°07'45" ♀	-09°24'26"	-02°10'51"	01°26'24"	1.118
26/03/2047 00:00:00	♂	12°33'15" ♀	16°21'34"	00°47'42"	01°11'08"	1.183
26/03/2047 00:00:00	♂	29°25'11" ♀	11°11'01"	-00°05'13"	00°44'22"	2.313
26/03/2047 00:00:00	♂	25°31'11" ♀	08°53'46"	-01°02'25"	00°14'00"	5.883
26/03/2047 00:00:00	♃	04°20'00" ♀	-22°17'23"	01°04'26"	00°01'48"	9.979
26/03/2047 00:00:00	♃	03°05'28" ♀	11°06'52"	00°47'58"	-00°02'06"	17.461
26/03/2047 00:00:00	♃	17°29'01" ♀	15°24'06"	-01°42'45"	00°01'46"	30.545
26/03/2047 00:00:00	♂	05°45'41" ♀	-20°23'20"	-11°51'45"	00°01'29"	41.632
26/03/2047 00:00:00	♄	22°22'59" ♀	-21°34'33"	00°00'00"	-00°12'59"	0.003
26/03/2047 00:00:00	♃	22°34'08" ♀	-09°58'05"	-01°16'50"	-00°04'20"	7.548
26/03/2047 00:00:00	☾	25°08'10" ♀	14°30'00"	05°08'07"	00°06'43"	0.003
26/03/2047 00:00:00	♄	22°22'59" ♀	-21°34'33"	00°00'00"	-00°12'59"	0.003

Ephemerides year 2047

26/03/2047 00:00:00	T♄	22°20'44" ♏	13°20'31"	05°00'39"	03°19'54"	0.003
26/03/2047 00:00:00	X	29°54'54" ♏	05°41'09"	-06°08'21"	00°00'36"	94.165
26/03/2047 00:00:00	Y	15°12'33" ♏	11°33'41"	-11°06'55"	00°00'21"	78.891
27/03/2047 00:00:00	☉	06°14'57" ♏	02°28'52"	00°00'00"	00°59'26"	0.998
27/03/2047 00:00:00	☾	11°50'31" ♏	09°12'40"	04°55'28"	11°55'11"	0.003
27/03/2047 00:00:00	♀	12°34'55" ♏	-08°54'08"	-02°14'09"	01°27'55"	1.131
27/03/2047 00:00:00	♀	13°44'20" ♏	16°46'24"	00°51'11"	01°11'02"	1.177
27/03/2047 00:00:00	♂	00°09'33" ♏	11°27'17"	-00°04'31"	00°44'20"	2.317
27/03/2047 00:00:00	♃	25°45'13" ♏	08°58'57"	-01°02'20"	00°14'02"	5.888
27/03/2047 00:00:00	♅	04°21'46" ♏	-22°17'17"	01°04'28"	00°01'43"	9.963
27/03/2047 00:00:00	♁	03°03'23" ♏	11°07'36"	00°47'56"	-00°02'04"	17.470
27/03/2047 00:00:00	♃	17°30'48" ♏	15°24'38"	-01°42'42"	00°01'47"	30.557
27/03/2047 00:00:00	♁	05°47'10" ♏	-20°22'56"	-11°51'56"	00°01'28"	41.624
27/03/2047 00:00:00	♁	22°09'23" ♏	-21°36'45"	00°00'00"	-00°13'59"	0.003
27/03/2047 00:00:00	♁	22°29'46" ♏	-09°56'09"	-01°16'30"	-00°04'23"	7.544
27/03/2047 00:00:00	♁	25°14'53" ♏	14°32'26"	05°08'04"	00°06'43"	0.003
27/03/2047 00:00:00	T♁	22°09'23" ♏	-21°36'45"	00°00'00"	-00°13'59"	0.003
27/03/2047 00:00:00	T♄	25°25'44" ♏	14°28'46"	04°59'49"	02°51'03"	0.003
27/03/2047 00:00:00	X	29°55'31" ♏	05°41'25"	-06°08'17"	00°00'36"	94.172

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27/03/2047 00:00:00	Y	15°12'55" ♀	11°33'52"	-11°06'47"	00°00'22"	78.907
28/03/2047 00:00:00	☉	07°14'23" ♀	02°52'22"	00°00'00"	00°59'24"	0.998
28/03/2047 00:00:00	☾	23°44'12" ♀	13°51'16"	05°00'03"	11°52'23"	0.003
28/03/2047 00:00:00	♁	14°03'35" ♀	-08°22'37"	-02°16'59"	01°29'24"	1.143
28/03/2047 00:00:00	♂	14°55'20" ♀	17°10'51"	00°54'40"	01°10'56"	1.170
28/03/2047 00:00:00	♂	00°53'51" ♀	11°43'26"	-00°03'50"	00°44'17"	2.321
28/03/2047 00:00:00	♃	25°59'16" ♀	09°04'08"	-01°02'14"	00°14'04"	5.894
28/03/2047 00:00:00	♄	04°23'27" ♀	-22°17'12"	01°04'30"	00°01'37"	9.946
28/03/2047 00:00:00	♅	03°01'20" ♀	11°08'19"	00°47'55"	-00°02'01"	17.479
28/03/2047 00:00:00	♆	17°32'36" ♀	15°25'10"	-01°42'40"	00°01'48"	30.568
28/03/2047 00:00:00	♇	05°48'39" ♀	-20°22'33"	-11°52'07"	00°01'28"	41.616
28/03/2047 00:00:00	♈	21°55'23" ♀	-21°39'00"	00°00'00"	-00°13'48"	0.003
28/03/2047 00:00:00	♉	22°25'21" ♀	-09°54'12"	-01°16'11"	-00°04'26"	7.539
28/03/2047 00:00:00	♊	25°21'36" ♀	14°34'52"	05°08'00"	00°06'43"	0.003
28/03/2047 00:00:00	T♈	21°55'23" ♀	-21°39'00"	00°00'00"	-00°13'48"	0.003
28/03/2047 00:00:00	T♉	28°05'42" ♀	15°26'06"	04°58'28"	02°30'31"	0.003
28/03/2047 00:00:00	X	29°56'07" ♀	05°41'41"	-06°08'13"	00°00'36"	94.179
28/03/2047 00:00:00	Y	15°13'17" ♀	11°34'03"	-11°06'38"	00°00'23"	78.922
29/03/2047 00:00:00	☉	08°13'46" ♀	03°15'48"	00°00'00"	00°59'22"	0.998

Ephemerides year 2047

29/03/2047 00:00:00	♃	05°35'48" ♉	17°57'45"	04°51'37"	11°51'08"	0.003
29/03/2047 00:00:00	♆	15°33'44" ♋	-07°49'53"	-02°19'22"	01°30'52"	1.155
29/03/2047 00:00:00	♀	16°06'14" ♉	17°34'52"	00°58'09"	01°10'50"	1.164
29/03/2047 00:00:00	♂	01°38'07" ♉	11°59'27"	-00°03'08"	00°44'14"	2.326
29/03/2047 00:00:00	♃	26°13'22" ♈	09°09'18"	-01°02'09"	00°14'06"	5.899
29/03/2047 00:00:00	♅	04°25'01" ♌	-22°17'07"	01°04'32"	00°01'31"	9.929
29/03/2047 00:00:00	♁	02°59'19" ♋	11°09'01"	00°47'53"	-00°01'59"	17.489
29/03/2047 00:00:00	♆	17°34'25" ♉	15°25'43"	-01°42'38"	00°01'50"	30.580
29/03/2047 00:00:00	♁	05°50'06" ♋	-20°22'11"	-11°52'19"	00°01'27"	41.608
29/03/2047 00:00:00	♁	21°42'09" ♌	-21°41'06"	00°00'00"	-00°12'29"	0.003
29/03/2047 00:00:00	♂	22°20'54" ♈	-09°52'14"	-01°15'51"	-00°04'28"	7.535
29/03/2047 00:00:00	♁	25°28'20" ♈	14°37'17"	05°07'57"	00°06'43"	0.003
29/03/2047 00:00:00	♁	21°42'09" ♌	-21°41'06"	00°00'00"	-00°12'29"	0.003
29/03/2047 00:00:00	♁	00°29'42" ♉	16°16'18"	04°56'51"	02°18'33"	0.003
29/03/2047 00:00:00	X	29°56'45" ♈	05°41'58"	-06°08'10"	00°00'37"	94.185
29/03/2047 00:00:00	Y	15°13'41" ♈	11°34'14"	-11°06'29"	00°00'23"	78.937
30/03/2047 00:00:00	♁	09°13'08" ♈	03°39'11"	00°00'00"	00°59'20"	0.998
30/03/2047 00:00:00	♃	17°27'10" ♉	21°21'34"	04°30'33"	11°51'58"	0.003
30/03/2047 00:00:00	♆	17°05'19" ♋	-07°15'59"	-02°21'17"	01°32'18"	1.167

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30/03/2047 00:00:00	♀	17°17'01" ♉	17°58'29"	01°01'37"	01°10'44"	1.157
30/03/2047 00:00:00	♂	02°22'20" ♉	12°15'21"	-00°02'27"	00°44'11"	2.330
30/03/2047 00:00:00	♃	26°27'29" ♏	09°14'29"	-01°02'04"	00°14'08"	5.904
30/03/2047 00:00:00	♅	04°26'30" ♎	-22°17'01"	01°04'35"	00°01'25"	9.913
30/03/2047 00:00:00	♁	02°57'20" ♉	11°09'43"	00°47'52"	-00°01'57"	17.498
30/03/2047 00:00:00	♃	17°36'16" ♉	15°26'16"	-01°42'35"	00°01'51"	30.591
30/03/2047 00:00:00	♁	05°51'34" ♉	-20°21'49"	-11°52'31"	00°01'26"	41.600
30/03/2047 00:00:00	♁	21°30'42" ♎	-21°42'54"	00°00'00"	-00°10'15"	0.003
30/03/2047 00:00:00	♃	22°16'25" ♉	-09°50'15"	-01°15'31"	-00°04'30"	7.531
30/03/2047 00:00:00	♁	25°35'03" ♏	14°39'43"	05°07'53"	00°06'43"	0.003
30/03/2047 00:00:00	T♁	21°30'42" ♎	-21°42'54"	00°00'00"	-00°10'15"	0.003
30/03/2047 00:00:00	T♃	02°43'53" ♉	17°01'50"	04°55'00"	02°09'41"	0.003
30/03/2047 00:00:00	X	29°57'22" ♏	05°42'14"	-06°08'06"	00°00'37"	94.191
30/03/2047 00:00:00	Y	15°14'05" ♀	11°34'25"	-11°06'21"	00°00'24"	78.953
31/03/2047 00:00:00	♁	10°12'27" ♏	04°02'29"	00°00'00"	00°59'18"	0.999
31/03/2047 00:00:00	♃	29°20'41" ♉	23°52'15"	03°57'38"	11°55'34"	0.003
31/03/2047 00:00:00	♁	18°38'21" ♉	-06°40'54"	-02°22'44"	01°33'45"	1.178
31/03/2047 00:00:00	♀	18°27'42" ♉	18°21'39"	01°05'06"	01°10'38"	1.151
31/03/2047 00:00:00	♂	03°06'31" ♉	12°31'07"	-00°01'46"	00°44'08"	2.335

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31/03/2047 00:00:00	♃	26°41'38" ♏	09°19'40"	-01°01'59"	00°14'09"	5.909
31/03/2047 00:00:00	♅	04°27'52" ♎	-22°16'56"	01°04'37"	00°01'19"	9.896
31/03/2047 00:00:00	♁	02°55'24" ♏	11°10'23"	00°47'50"	-00°01'55"	17.508
31/03/2047 00:00:00	♆	17°38'08" ♎	15°26'49"	-01°42'33"	00°01'52"	30.601
31/03/2047 00:00:00	♁	05°53'00" ♏	-20°21'27"	-11°52'43"	00°01'25"	41.592
31/03/2047 00:00:00	♁	21°21'49" ♎	-21°44'18"	00°00'00"	-00°07'27"	0.003
31/03/2047 00:00:00	♆	22°11'53" ♏	-09°48'15"	-01°15'10"	-00°04'32"	7.528
31/03/2047 00:00:00	♁	25°41'46" ♏	14°42'08"	05°07'49"	00°06'43"	0.003
31/03/2047 00:00:00	♁	21°21'49" ♎	-21°44'18"	00°00'00"	-00°07'27"	0.003
31/03/2047 00:00:00	♁	04°47'43" ♎	17°42'42"	04°53'00"	01°56'43"	0.003
31/03/2047 00:00:00	X	29°57'59" ♏	05°42'30"	-06°08'02"	00°00'37"	94.197
31/03/2047 00:00:00	Y	15°14'30" ♏	11°34'35"	-11°06'12"	00°00'25"	78.968
01/04/2047 00:00:00	♁	11°11'44" ♏	04°25'43"	00°00'00"	00°59'16"	0.999
01/04/2047 00:00:00	♁	11°19'30" ♏	25°20'04" ♏	03°13'58"	12°02'42"	0.003
01/04/2047 00:00:00	♁	20°12'50" ♏	-06°04'41"	-02°23'43"	01°35'10"	1.190
01/04/2047 00:00:00	♁	19°38'17" ♎	18°44'22"	01°08'33"	01°10'31"	1.144
01/04/2047 00:00:00	♁	03°50'38" ♎	12°46'46"	-00°01'04"	00°44'05"	2.339
01/04/2047 00:00:00	♃	26°55'48" ♏	09°24'50"	-01°01'54"	00°14'11"	5.914
01/04/2047 00:00:00	♅	04°29'09" ♎	-22°16'51"	01°04'39"	00°01'13"	9.879

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01/04/2047 00:00:00	♃	02°53'30"	♍	11°11'03"	00°47'49"	-00°01'52"	17.518
01/04/2047 00:00:00	♃	17°40'01"	♏	15°27'22"	-01°42'31"	00°01'53"	30.612
01/04/2047 00:00:00	♃	05°54'25"	♋	-20°21'06"	-11°52'55"	00°01'25"	41.583
01/04/2047 00:00:00	♁	21°15'48"	♏	-21°45'14"	00°00'00"	-00°04'35"	0.002
01/04/2047 00:00:00	♃	22°07'20"	♋	-09°46'14"	-01°14'50"	-00°04'34"	7.525
01/04/2047 00:00:00	♁	25°48'30"	♏	14°44'33"	05°07'45"	00°06'43"	0.003
01/04/2047 00:00:00	T♁	21°15'48"	♏	-21°45'14"	00°00'00"	-00°04'35"	0.002
01/04/2047 00:00:00	T♁	06°33'59"	♏	18°16'50"	04°51'03"	01°33'49"	0.003
01/04/2047 00:00:00	X	29°58'37"	♏	05°42'46"	-06°07'59"	00°00'37"	94.203
01/04/2047 00:00:00	Y	15°14'56"	♏	11°34'46"	-11°06'04"	00°00'26"	78.982
02/04/2047 00:00:00	♁	12°10'59"	♏	04°48'52"	00°00'00"	00°59'13"	0.999
02/04/2047 00:00:00	♃	23°27'31"	♏	25°37'08"	02°20'57"	12°14'03"	0.003
02/04/2047 00:00:00	♁	21°48'43"	♋	-05°27'19"	-02°24'13"	01°36'36"	1.201
02/04/2047 00:00:00	♁	20°48'45"	♏	19°06'39"	01°12'00"	01°10'24"	1.137
02/04/2047 00:00:00	♁	04°34'42"	♏	13°02'17"	-00°00'24"	00°44'02"	2.343
02/04/2047 00:00:00	♁	27°10'00"	♏	09°30'00"	-01°01'49"	00°14'12"	5.918
02/04/2047 00:00:00	♁	04°30'20"	♏	-22°16'47"	01°04'41"	00°01'07"	9.863
02/04/2047 00:00:00	♃	02°51'38"	♍	11°11'42"	00°47'47"	-00°01'50"	17.529
02/04/2047 00:00:00	♃	17°41'55"	♏	15°27'56"	-01°42'29"	00°01'54"	30.622

Ephemerides year 2047

02/04/2047 00:00:00	♁	05°55'50" ♈	-20°20'46"	-11°53'08"	00°01'24"	41.574
02/04/2047 00:00:00	♁	21°12'31" ♈	-21°45'44"	00°00'00"	-00°02'06"	0.002
02/04/2047 00:00:00	♁	22°02'45" ♈	-09°44'12"	-01°14'29"	-00°04'35"	7.522
02/04/2047 00:00:00	♁	25°55'13" ♈	14°46'58"	05°07'40"	00°06'43"	0.003
02/04/2047 00:00:00	♁	21°12'31" ♈	-21°45'44"	00°00'00"	-00°02'06"	0.002
02/04/2047 00:00:00	♁	07°50'57" ♈	18°41'00"	04°49'32"	00°57'47"	0.003
02/04/2047 00:00:00	♁	29°59'15" ♈	05°43'03"	-06°07'55"	00°00'38"	94.208
02/04/2047 00:00:00	♁	15°15'22" ♈	11°34'57"	-11°05'56"	00°00'26"	78.997
03/04/2047 00:00:00	♁	13°10'12" ♈	05°11'55"	00°00'00"	00°59'11"	1.000
03/04/2047 00:00:00	♁	05°49'13" ♈	24°38'37"	01°20'19"	12°30'08"	0.003
03/04/2047 00:00:00	♁	23°26'02" ♈	-04°48'50"	-02°24'14"	01°38'01"	1.212
03/04/2047 00:00:00	♁	21°59'07" ♈	19°28'27"	01°15'26"	01°10'17"	1.130
03/04/2047 00:00:00	♁	05°18'44" ♈	13°17'39"	00°00'16"	00°43'59"	2.347
03/04/2047 00:00:00	♁	27°24'14" ♈	09°35'10"	-01°01'44"	00°14'13"	5.923
03/04/2047 00:00:00	♁	04°31'25" ♈	-22°16'42"	01°04'43"	00°01'02"	9.846
03/04/2047 00:00:00	♁	02°49'49" ♈	11°12'20"	00°47'46"	-00°01'48"	17.539
03/04/2047 00:00:00	♁	17°43'50" ♈	15°28'30"	-01°42'27"	00°01'55"	30.632
03/04/2047 00:00:00	♁	05°57'14" ♈	-20°20'26"	-11°53'21"	00°01'23"	41.565
03/04/2047 00:00:00	♁	21°11'19" ♈	-21°45'55"	00°00'00"	-00°00'27"	0.002

Ephemerides year 2047

03/04/2047 00:00:00	♄	21°58'08" ♈	-09°42'09"	-01°14'08"	-00°04'37"	7.519
03/04/2047 00:00:00	♁	26°01'57" ♈	14°49'22"	05°07'36"	00°06'43"	0.003
03/04/2047 00:00:00	♁	21°11'19" ♈	-21°45'55"	00°00'00"	-00°00'27"	0.002
03/04/2047 00:00:00	♁	08°25'11" ♈	18°51'39"	04°48'52"	00°08'44"	0.003
03/04/2047 00:00:00	X	29°59'54" ♈	05°43'19"	-06°07'52"	00°00'38"	94.213
03/04/2047 00:00:00	Y	15°15'50" ♈	11°35'08"	-11°05'47"	00°00'27"	79.012
04/04/2047 00:00:00	♁	14°09'22" ♈	05°34'53"	-00°00'00"	00°59'09"	1.000
04/04/2047 00:00:00	♁	18°29'27" ♈	22°23'36"	00°14'15"	12°51'07"	0.003
04/04/2047 00:00:00	♁	25°04'47" ♈	-04°09'16"	-02°23'47"	01°39'27"	1.222
04/04/2047 00:00:00	♁	23°09'21" ♈	19°49'46"	01°18'51"	01°10'10"	1.124
04/04/2047 00:00:00	♁	06°02'42" ♈	13°32'54"	00°00'57"	00°43'56"	2.352
04/04/2047 00:00:00	♁	27°38'28" ♈	09°40'20"	-01°01'40"	00°14'15"	5.927
04/04/2047 00:00:00	♁	04°32'24" ♈	-22°16'38"	01°04'46"	00°00'56"	9.830
04/04/2047 00:00:00	♁	02°48'02" ♈	11°12'57"	00°47'44"	-00°01'45"	17.550
04/04/2047 00:00:00	♁	17°45'46" ♈	15°29'04"	-01°42'25"	00°01'56"	30.642
04/04/2047 00:00:00	♁	05°58'37" ♈	-20°20'06"	-11°53'34"	00°01'22"	41.555
04/04/2047 00:00:00	♁	21°11'12" ♈	-21°45'56"	00°00'00"	00°00'03"	0.002
04/04/2047 00:00:00	♄	21°53'30" ♈	-09°40'05"	-01°13'47"	-00°04'38"	7.517
04/04/2047 00:00:00	♁	26°08'40" ♈	14°51'46"	05°07'31"	00°06'43"	0.003

Ephemerides year 2047

04/04/2047 00:00:00	T♄	21°11'12" ♉	-21°45'56"	00°00'00"	00°00'03"	0.002
04/04/2047 00:00:00	T♄	08°05'31" ♉	18°45'41"	04°49'24"	-00°48'48"	0.003
04/04/2047 00:00:00	X	00°00'32" ♉	05°43'35"	-06°07'49"	00°00'38"	94.218
04/04/2047 00:00:00	Y	15°16'18" ♉	11°35'19"	-11°05'39"	00°00'28"	79.026
05/04/2047 00:00:00	♁	15°08'30" ♉	05°57'45"	-00°00'00"	00°59'06"	1.000
05/04/2047 00:00:00	♂	01°32'59" ♉	18°55'27"	-00°54'30"	13°16'37"	0.003
05/04/2047 00:00:00	♀	26°44'57" ♉	-03°28'36"	-02°22'51"	01°40'53"	1.232
05/04/2047 00:00:00	♀	24°19'29" ♉	20°10'36"	01°22'14"	01°10'03"	1.117
05/04/2047 00:00:00	♂	06°46'38" ♉	13°48'00"	00°01'37"	00°43'53"	2.356
05/04/2047 00:00:00	♃	27°52'44" ♉	09°45'30"	-01°01'36"	00°14'16"	5.931
05/04/2047 00:00:00	♃	04°33'17" ♉	-22°16'34"	01°04'48"	00°00'50"	9.813
05/04/2047 00:00:00	♃	02°46'17" ♉	11°13'33"	00°47'42"	-00°01'43"	17.561
05/04/2047 00:00:00	♃	17°47'44" ♉	15°29'39"	-01°42'23"	00°01'57"	30.652
05/04/2047 00:00:00	♃	05°59'59" ♉	-20°19'48"	-11°53'48"	00°01'21"	41.546
05/04/2047 00:00:00	♁	21°11'00" ♉	-21°45'58"	00°00'00"	-00°00'39"	0.002
05/04/2047 00:00:00	♃	21°48'51" ♉	-09°38'01"	-01°13'26"	-00°04'39"	7.515
05/04/2047 00:00:00	♃	26°15'24" ♉	14°54'10"	05°07'27"	00°06'43"	0.003
05/04/2047 00:00:00	T♄	21°11'00" ♉	-21°45'58"	00°00'00"	-00°00'39"	0.002
05/04/2047 00:00:00	T♄	06°48'02" ♉	18°21'34"	04°51'06"	-01°44'47"	0.003

Ephemerides year 2047

05/04/2047 00:00:00	X	00°01'11" ♄	05°43'52"	-06°07'46"	00°00'38"	94.222
05/04/2047 00:00:00	Y	15°16'46" ♀	11°35'30"	-11°05'31"	00°00'28"	79.041
06/04/2047 00:00:00	♁	16°07'36" ♃	06°20'31"	-00°00'00"	00°59'04"	1.000
06/04/2047 00:00:00	♂	15°03'49" ♃	14°21'36"	-02°02'33"	13°45'27"	0.003
06/04/2047 00:00:00	♀	28°26'34" ♃	-02°46'54"	-02°21'25"	01°42'19"	1.242
06/04/2047 00:00:00	♀	25°29'29" ♄	20°30'56"	01°25'37"	01°09'56"	1.110
06/04/2047 00:00:00	♂	07°30'30" ♄	14°02'58"	00°02'18"	00°43'50"	2.360
06/04/2047 00:00:00	♃	28°07'00" ♃	09°50'39"	-01°01'31"	00°14'17"	5.934
06/04/2047 00:00:00	♃	04°34'05" ♃	-22°16'31"	01°04'50"	00°00'44"	9.797
06/04/2047 00:00:00	♃	02°44'35" ♃	11°14'08"	00°47'40"	-00°01'40"	17.572
06/04/2047 00:00:00	♃	17°49'42" ♄	15°30'13"	-01°42'21"	00°01'58"	30.661
06/04/2047 00:00:00	♃	06°01'20" ♃	-20°19'29"	-11°54'01"	00°01'20"	41.536
06/04/2047 00:00:00	♃	21°09'31" ♃	-21°46'12"	00°00'00"	-00°02'28"	0.002
06/04/2047 00:00:00	♃	21°44'11" ♃	-09°35'56"	-01°13'05"	-00°04'40"	7.514
06/04/2047 00:00:00	♃	26°22'07" ♃	14°56'34"	05°07'22"	00°06'43"	0.003
06/04/2047 00:00:00	T♃	21°09'31" ♃	-21°46'12"	00°00'00"	-00°02'28"	0.002
06/04/2047 00:00:00	T♃	04°41'05" ♄	17°40'52"	04°53'28"	-02°25'24"	0.003
06/04/2047 00:00:00	X	00°01'49" ♄	05°44'08"	-06°07'42"	00°00'38"	94.227
06/04/2047 00:00:00	Y	15°17'15" ♀	11°35'41"	-11°05'23"	00°00'29"	79.055

Ephemerides year 2047

07/04/2047 00:00:00	♁	17°06'39" ♈	06°43'10"	-00°00'00"	00°59'02"	1.001
07/04/2047 00:00:00	♃	29°04'20" ♏	08°53'30"	-03°05'40"	14°15'31"	0.002
07/04/2047 00:00:00	♆	00°09'37" ♈	-02°04'09"	-02°19'29"	01°43'46"	1.252
07/04/2047 00:00:00	♀	26°39'21" ♉	20°50'46"	01°28'58"	01°09'48"	1.103
07/04/2047 00:00:00	♂	08°14'19" ♉	14°17'48"	00°02'58"	00°43'47"	2.364
07/04/2047 00:00:00	♋	28°21'18" ♈	09°55'48"	-01°01'27"	00°14'18"	5.938
07/04/2047 00:00:00	♄	04°34'46" ♎	-22°16'27"	01°04'52"	00°00'38"	9.781
07/04/2047 00:00:00	♁	02°42'55" ♏	11°14'42"	00°47'39"	-00°01'38"	17.584
07/04/2047 00:00:00	♆	17°51'41" ♉	15°30'48"	-01°42'19"	00°01'59"	30.670
07/04/2047 00:00:00	♁	06°02'41" ♈	-20°19'12"	-11°54'15"	00°01'19"	41.526
07/04/2047 00:00:00	♁	21°05'48" ♎	-21°46'47"	00°00'00"	-00°05'00"	0.003
07/04/2047 00:00:00	♆	21°39'29" ♈	-09°33'51"	-01°12'43"	-00°04'41"	7.512
07/04/2047 00:00:00	♁	26°28'50" ♈	14°58'57"	05°07'17"	00°06'43"	0.003
07/04/2047 00:00:00	♁	21°05'48" ♎	-21°46'47"	00°00'00"	-00°05'00"	0.003
07/04/2047 00:00:00	♁	02°06'01" ♉	16°49'17"	04°55'45"	-02°40'01"	0.003
07/04/2047 00:00:00	X	00°02'28" ♉	05°44'24"	-06°07'39"	00°00'38"	94.230
07/04/2047 00:00:00	Y	15°17'45" ♀	11°35'52"	-11°05'15"	00°00'30"	79.069
08/04/2047 00:00:00	♁	18°05'40" ♈	07°05'42"	-00°00'00"	00°58'59"	1.001
08/04/2047 00:00:00	♃	13°34'15" ♏	02°46'38"	-03°59'03"	14°43'40"	0.002

Ephemerides year 2047

08/04/2047 00:00:00	♀	01°54'07" ♈	-01°20'23"	-02°17'04"	01°45'13"	1.261
08/04/2047 00:00:00	♀	27°49'06" ♉	21°10'05"	01°32'18"	01°09'40"	1.096
08/04/2047 00:00:00	♂	08°58'05" ♉	14°32'28"	00°03'38"	00°43'44"	2.369
08/04/2047 00:00:00	♈	28°35'37" ♈	10°00'57"	-01°01'23"	00°14'19"	5.941
08/04/2047 00:00:00	♁	04°35'21" ♁	-22°16'24"	01°04'54"	00°00'32"	9.764
08/04/2047 00:00:00	♁	02°41'18" ♁	11°15'15"	00°47'37"	-00°01'35"	17.596
08/04/2047 00:00:00	♃	17°53'41" ♉	15°31'23"	-01°42'17"	00°02'00"	30.679
08/04/2047 00:00:00	♃	06°04'00" ♈	-20°18'55"	-11°54'29"	00°01'18"	41.516
08/04/2047 00:00:00	♁	20°59'26" ♁	-21°47'45"	00°00'00"	-00°07'42"	0.003
08/04/2047 00:00:00	♁	21°34'47" ♁	-09°31'45"	-01°12'21"	-00°04'42"	7.511
08/04/2047 00:00:00	♁	26°35'34" ♈	15°01'20"	05°07'11"	00°06'43"	0.003
08/04/2047 00:00:00	T♁	20°59'26" ♁	-21°47'45"	00°00'00"	-00°07'42"	0.003
08/04/2047 00:00:00	T♃	29°29'34" ♈	15°55'22"	04°57'25"	-02°29'28"	0.003
08/04/2047 00:00:00	X	00°03'07" ♉	05°44'41"	-06°07'36"	00°00'38"	94.234
08/04/2047 00:00:00	Y	15°18'15" ♈	11°36'03"	-11°05'07"	00°00'30"	79.083
09/04/2047 00:00:00	♁	19°04'38" ♈	07°28'07"	-00°00'00"	00°58'57"	1.001
09/04/2047 00:00:00	♁	28°29'47" ♁	-03°39'01"	-04°37'49"	15°06'08"	0.002
09/04/2047 00:00:00	♀	03°40'05" ♈	-00°35'38"	-02°14'08"	01°46'42"	1.270
09/04/2047 00:00:00	♀	28°58'43" ♉	21°28'52"	01°35'35"	01°09'33"	1.089

Ephemerides year 2047

09/04/2047 00:00:00	♂	09°41'48" ♂	14°47'00"	00°04'18"	00°43'41"	2.373
09/04/2047 00:00:00	♃	28°49'56" ♀	10°06'05"	-01°01'19"	00°14'19"	5.944
09/04/2047 00:00:00	♅	04°35'50" ♀	-22°16'21"	01°04'56"	00°00'26"	9.748
09/04/2047 00:00:00	♁	02°39'44" ♃	11°15'48"	00°47'35"	-00°01'33"	17.608
09/04/2047 00:00:00	♆	17°55'42" ♂	15°31'58"	-01°42'15"	00°02'01"	30.688
09/04/2047 00:00:00	♁	06°05'18" ♃	-20°18'38"	-11°54'43"	00°01'17"	41.505
09/04/2047 00:00:00	♄	20°50'33" ♀	-21°49'07"	00°00'00"	-00°09'56"	0.003
09/04/2047 00:00:00	♆	21°30'05" ♃	-09°29'39"	-01°11'59"	-00°04'42"	7.510
09/04/2047 00:00:00	♁	26°42'17" ♀	15°03'43"	05°07'06"	00°06'43"	0.003
09/04/2047 00:00:00	♄♁	20°50'33" ♀	-21°49'07"	00°00'00"	-00°09'56"	0.003
09/04/2047 00:00:00	♆♁	27°11'09" ♀	15°06'13"	04°58'26"	-02°06'49"	0.003
09/04/2047 00:00:00	X	00°03'46" ♂	05°44'57"	-06°07'33"	00°00'39"	94.237
09/04/2047 00:00:00	Y	15°18'46" ♃	11°36'14"	-11°04'59"	00°00'31"	79.097
10/04/2047 00:00:00	♁	20°03'35" ♀	07°50'24"	-00°00'00"	00°58'55"	1.001
10/04/2047 00:00:00	♃	13°43'26" ♃	-09°59'06"	-04°57'50"	15°19'21"	0.002
10/04/2047 00:00:00	♆	05°27'32" ♀	00°10'03"	-02°10'43"	01°48'11"	1.279
10/04/2047 00:00:00	♀	00°08'12" ♃	21°47'06"	01°38'51"	01°09'25"	1.082
10/04/2047 00:00:00	♂	10°25'28" ♂	15°01'23"	00°04'57"	00°43'38"	2.377
10/04/2047 00:00:00	♃	29°04'16" ♀	10°11'12"	-01°01'15"	00°14'20"	5.947

Ephemerides year 2047

10/04/2047 00:00:00	♃	04°36'14" ♁	-22°16'18"	01°04'58"	00°00'20"	9.732
10/04/2047 00:00:00	♃	02°38'12" ♃	11°16'19"	00°47'33"	-00°01'30"	17.620
10/04/2047 00:00:00	♃	17°57'44" ♁	15°32'34"	-01°42'13"	00°02'02"	30.696
10/04/2047 00:00:00	♃	06°06'35" ♃	-20°18'22"	-11°54'58"	00°01'16"	41.494
10/04/2047 00:00:00	♃	20°39'54" ♁	-21°50'44"	00°00'00"	-00°11'09"	0.003
10/04/2047 00:00:00	♃	21°25'22" ♃	-09°27'32"	-01°11'37"	-00°04'43"	7.510
10/04/2047 00:00:00	♃	26°49'00" ♃	15°06'06"	05°07'01"	00°06'43"	0.003
10/04/2047 00:00:00	♃	20°39'54" ♁	-21°50'44"	00°00'00"	-00°11'09"	0.003
10/04/2047 00:00:00	♃	25°14'16" ♃	14°23'51"	04°59'05"	-01°48'56"	0.003
10/04/2047 00:00:00	X	00°04'25" ♁	05°45'13"	-06°07'30"	00°00'39"	94.240
10/04/2047 00:00:00	Y	15°19'18" ♃	11°36'25"	-11°04'52"	00°00'31"	79.110
11/04/2047 00:00:00	♃	21°02'30" ♃	08°12'33"	-00°00'00"	00°58'53"	1.002
11/04/2047 00:00:00	♃	29°04'38" ♃	-15°45'43"	-04°56'41"	15°21'02"	0.002
11/04/2047 00:00:00	♃	07°16'27" ♃	00°56'41"	-02°06'47"	01°49'40"	1.287
11/04/2047 00:00:00	♃	01°17'33" ♃	22°04'48"	01°42'05"	01°09'17"	1.075
11/04/2047 00:00:00	♃	11°09'05" ♁	15°15'37"	00°05'37"	00°43'35"	2.381
11/04/2047 00:00:00	♃	29°18'38" ♃	10°16'20"	-01°01'11"	00°14'21"	5.950
11/04/2047 00:00:00	♃	04°36'31" ♁	-22°16'15"	01°05'00"	00°00'14"	9.716
11/04/2047 00:00:00	♃	02°36'42" ♃	11°16'49"	00°47'31"	-00°01'27"	17.632

Ephemerides year 2047

11/04/2047 00:00:00	♁	17°59'47"	♏	15°33'09"	-01°42'12"	00°02'03"	30.704
11/04/2047 00:00:00	♁	06°07'52"	♏	-20°18'07"	-11°55'13"	00°01'15"	41.484
11/04/2047 00:00:00	♁	20°28'41"	♏	-21°52'25"	00°00'00"	-00°11'02"	0.003
11/04/2047 00:00:00	♁	21°20'39"	♏	-09°25'25"	-01°11'15"	-00°04'43"	7.510
11/04/2047 00:00:00	♁	26°55'44"	♏	15°08'28"	05°06'55"	00°06'43"	0.003
11/04/2047 00:00:00	T♁	20°28'41"	♏	-21°52'25"	00°00'00"	-00°11'02"	0.003
11/04/2047 00:00:00	T♁	23°27'51"	♏	13°44'46"	04°59'38"	-01°46'53"	0.003
11/04/2047 00:00:00	X	00°05'05"	♏	05°45'29"	-06°07'28"	00°00'39"	94.243
11/04/2047 00:00:00	Y	15°19'50"	♏	11°36'36"	-11°04'44"	00°00'32"	79.124
12/04/2047 00:00:00	♁	22°01'22"	♏	08°34'34"	-00°00'00"	00°58'51"	1.002
12/04/2047 00:00:00	♁	14°21'34"	♏	-20°30'23"	-04°34'20"	15°10'59"	0.002
12/04/2047 00:00:00	♁	09°06'53"	♏	01°44'13"	-02°02'20"	01°51'10"	1.294
12/04/2047 00:00:00	♁	02°26'47"	♏	22°21'57"	01°45'17"	01°09'09"	1.068
12/04/2047 00:00:00	♁	11°52'39"	♏	15°29'42"	00°06'16"	00°43'32"	2.385
12/04/2047 00:00:00	♁	29°32'59"	♏	10°21'26"	-01°01'08"	00°14'22"	5.952
12/04/2047 00:00:00	♁	04°36'43"	♏	-22°16'13"	01°05'02"	00°00'08"	9.700
12/04/2047 00:00:00	♁	02°35'16"	♏	11°17'19"	00°47'29"	-00°01'25"	17.645
12/04/2047 00:00:00	♁	18°01'50"	♏	15°33'45"	-01°42'10"	00°02'04"	30.712
12/04/2047 00:00:00	♁	06°09'07"	♏	-20°17'52"	-11°55'28"	00°01'14"	41.473

Ephemerides year 2047

12/04/2047 00:00:00	♏	20°18'15" ♏	-21°53'59"	00°00'00"	-00°09'37"	0.003
12/04/2047 00:00:00	♋	21°15'56" ♋	-09°23'18"	-01°10'52"	-00°04'42"	7.510
12/04/2047 00:00:00	♌	27°02'27" ♌	15°10'50"	05°06'49"	00°06'43"	0.003
12/04/2047 00:00:00	♏	20°18'15" ♏	-21°53'59"	00°00'00"	-00°09'37"	0.003
12/04/2047 00:00:00	♌	21°34'52" ♌	13°02'49"	05°00'14"	-02°01'09"	0.003
12/04/2047 00:00:00	X	00°05'44" ♏	05°45'45"	-06°07'25"	00°00'39"	94.246
12/04/2047 00:00:00	Y	15°20'23" ♏	11°36'46"	-11°04'36"	00°00'33"	79.137
13/04/2047 00:00:00	♏	23°00'13" ♏	08°56'26"	-00°00'00"	00°58'49"	1.002
13/04/2047 00:00:00	♎	29°23'21" ♎	-23°48'31"	-03°53'13"	14°51'12"	0.002
13/04/2047 00:00:00	♌	10°58'49" ♌	02°32'36"	-01°57'24"	01°52'40"	1.302
13/04/2047 00:00:00	♌	03°35'52" ♌	22°38'32"	01°48'27"	01°09'00"	1.061
13/04/2047 00:00:00	♏	12°36'10" ♏	15°43'37"	00°06'56"	00°43'29"	2.389
13/04/2047 00:00:00	♌	29°47'22" ♌	10°26'33"	-01°01'04"	00°14'22"	5.955
13/04/2047 00:00:00	♏	04°36'49" ♏	-22°16'10"	01°05'04"	00°00'02"	9.684
13/04/2047 00:00:00	♌	02°33'52" ♌	11°17'47"	00°47'27"	-00°01'22"	17.657
13/04/2047 00:00:00	♌	18°03'55" ♏	15°34'21"	-01°42'08"	00°02'04"	30.719
13/04/2047 00:00:00	♌	06°10'21" ♏	-20°17'38"	-11°55'43"	00°01'13"	41.461
13/04/2047 00:00:00	♏	20°09'45" ♏	-21°55'14"	00°00'00"	-00°07'15"	0.003
13/04/2047 00:00:00	♋	21°11'13" ♋	-09°21'10"	-01°10'29"	-00°04'42"	7.510

Ephemerides year 2047

13/04/2047 00:00:00	☾	27°09'10" ♀	15°13'12"	05°06'43"	00°06'43"	0.003
13/04/2047 00:00:00	♄	20°09'45" ♀	-21°55'14"	00°00'00"	-00°07'15"	0.003
13/04/2047 00:00:00	♄	19°23'33" ♀	12°13'21"	05°00'44"	-02°21'03"	0.003
13/04/2047 00:00:00	X	00°06'24" ♂	05°46'01"	-06°07'22"	00°00'39"	94.248
13/04/2047 00:00:00	Y	15°20'57" ♀	11°36'57"	-11°04'29"	00°00'34"	79.150
14/04/2047 00:00:00	☉	23°59'02" ♀	09°18'10"	-00°00'00"	00°58'48"	1.003
14/04/2047 00:00:00	☾	14°01'52" ♂	-25°25'01"	-02°57'32"	14°25'04"	0.002
14/04/2047 00:00:00	♁	12°52'15" ♀	03°21'47"	-01°51'57"	01°54'11"	1.308
14/04/2047 00:00:00	♀	04°44'49" ♀	22°54'33"	01°51'34"	01°08'52"	1.054
14/04/2047 00:00:00	♂	13°19'39" ♂	15°57'24"	00°07'35"	00°43'27"	2.393
14/04/2047 00:00:00	♃	00°01'45" ♂	10°31'38"	-01°01'01"	00°14'23"	5.957
14/04/2047 00:00:00	♅	04°36'49" ♀	-22°16'08"	01°05'06"	-00°00'02"	9.668
14/04/2047 00:00:00	♁	02°32'31" ♀	11°18'14"	00°47'25"	-00°01'19"	17.670
14/04/2047 00:00:00	♁	18°06'00" ♂	15°34'57"	-01°42'07"	00°02'05"	30.727
14/04/2047 00:00:00	♃	06°11'35" ♀	-20°17'24"	-11°55'58"	00°01'12"	41.450
14/04/2047 00:00:00	♄	20°03'51" ♀	-21°56'06"	00°00'00"	-00°04'31"	0.003
14/04/2047 00:00:00	♁	21°06'30" ♀	-09°19'03"	-01°10'07"	-00°04'42"	7.511
14/04/2047 00:00:00	☾	27°15'54" ♀	15°15'34"	05°06'37"	00°06'43"	0.003
14/04/2047 00:00:00	♄	20°03'51" ♀	-21°56'06"	00°00'00"	-00°04'31"	0.003

Ephemerides year 2047

14/04/2047 00:00:00	T♄	16°56'37" ♈	11°16'58"	05°00'51"	-02°29'27"	0.003
14/04/2047 00:00:00	X	00°07'04" ♉	05°46'17"	-06°07'19"	00°00'39"	94.250
14/04/2047 00:00:00	Y	15°21'32" ♊	11°37'08"	-11°04'22"	00°00'34"	79.163
15/04/2047 00:00:00	☉	24°57'49" ♈	09°39'45"	-00°00'00"	00°58'46"	1.003
15/04/2047 00:00:00	☾	28°12'38" ♈	-25°17'38"	-01°52'19"	13°56'20"	0.002
15/04/2047 00:00:00	♁	14°47'11" ♈	04°11'44"	-01°46'00"	01°55'41"	1.314
15/04/2047 00:00:00	♂	05°53'37" ♊	23°09'59"	01°54'39"	01°08'44"	1.047
15/04/2047 00:00:00	♂	14°03'05" ♉	16°11'00"	00°08'14"	00°43'24"	2.397
15/04/2047 00:00:00	♃	00°16'09" ♉	10°36'43"	-01°00'58"	00°14'23"	5.959
15/04/2047 00:00:00	♅	04°36'43" ♌	-22°16'07"	01°05'08"	-00°00'08"	9.653
15/04/2047 00:00:00	♁	02°31'13" ♌	11°18'41"	00°47'23"	-00°01'16"	17.683
15/04/2047 00:00:00	♃	18°08'06" ♉	15°35'33"	-01°42'05"	00°02'06"	30.734
15/04/2047 00:00:00	♁	06°12'47" ♈	-20°17'11"	-11°56'14"	00°01'11"	41.438
15/04/2047 00:00:00	♁	20°00'36" ♌	-21°56'35"	00°00'00"	-00°02'04"	0.003
15/04/2047 00:00:00	♁	21°01'48" ♌	-09°16'55"	-01°09'43"	-00°04'41"	7.512
15/04/2047 00:00:00	♁	27°22'37" ♈	15°17'55"	05°06'31"	00°06'43"	0.003
15/04/2047 00:00:00	T♁	20°00'36" ♌	-21°56'35"	00°00'00"	-00°02'04"	0.003
15/04/2047 00:00:00	T♄	14°33'17" ♈	10°20'57"	05°00'27"	-02°12'22"	0.003
15/04/2047 00:00:00	X	00°07'44" ♉	05°46'34"	-06°07'17"	00°00'39"	94.251

Ephemerides year 2047

15/04/2047 00:00:00	Y	15°22'07" ♀	11°37'19"	-11°04'14"	00°00'35"	79.176
16/04/2047 00:00:00	☉	25°56'35" ♀	10°01'10"	-00°00'00"	00°58'44"	1.003
16/04/2047 00:00:00	☾	11°54'44" ♀	-23°36'25"	0-00°42'34"	13°28'09"	0.003
16/04/2047 00:00:00	♋	16°43'38" ♀	05°02'22"	-01°39'33"	01°57'11"	1.319
16/04/2047 00:00:00	♌	07°02'17" ♀	23°24'50"	01°57'40"	01°08'35"	1.040
16/04/2047 00:00:00	♍	14°46'27" ♀	16°24'28"	00°08'53"	00°43'21"	2.401
16/04/2047 00:00:00	♎	00°30'33" ♀	10°41'48"	-01°00'54"	00°14'24"	5.960
16/04/2047 00:00:00	♏	04°36'31" ♀	-22°16'05"	01°05'10"	-00°00'14"	9.637
16/04/2047 00:00:00	♐	02°29'58" ♀	11°19'06"	00°47'21"	-00°01'13"	17.697
16/04/2047 00:00:00	♑	18°10'13" ♀	15°36'09"	-01°42'04"	00°02'07"	30.741
16/04/2047 00:00:00	♒	06°13'59" ♀	-20°16'59"	-11°56'30"	00°01'10"	41.426
16/04/2047 00:00:00	♓	19°59'27" ♀	-21°56'45"	00°00'00"	-00°00'26"	0.003
16/04/2047 00:00:00	♈	20°57'07" ♀	-09°14'48"	-01°09'20"	-00°04'41"	7.514
16/04/2047 00:00:00	♉	27°29'21" ♀	15°20'16"	05°06'24"	00°06'43"	0.003
16/04/2047 00:00:00	T♊	19°59'27" ♀	-21°56'45"	00°00'00"	-00°00'26"	0.003
16/04/2047 00:00:00	T♋	12°41'05" ♀	09°36'26"	04°59'44"	-01°28'05"	0.003
16/04/2047 00:00:00	X	00°08'24" ♀	05°46'50"	-06°07'14"	00°00'39"	94.253
16/04/2047 00:00:00	Y	15°22'42" ♀	11°37'29"	-11°04'07"	00°00'35"	79.189
17/04/2047 00:00:00	☉	26°55'19" ♀	10°22'25"	00°00'00"	00°58'43"	1.004

Ephemerides year 2047

17/04/2047 00:00:00	♃	25°09'54" ♁	-20°38'55"	00°27'20"	13°02'45"	0.003
17/04/2047 00:00:00	♆	18°41'33" ♁	05°53'39"	-01°32'38"	01°58'39"	1.324
17/04/2047 00:00:00	♀	08°10'48" ♀	23°39'05" ♁	02°00'39"	01°08'26"	1.032
17/04/2047 00:00:00	♂	15°29'47" ♁	16°37'46"	00°09'31"	00°43'18"	2.405
17/04/2047 00:00:00	♃	00°44'58" ♁	10°46'52"	-01°00'51"	00°14'24"	5.962
17/04/2047 00:00:00	♄	04°36'13" ♁	-22°16'04"	01°05'12"	-00°00'20"	9.621
17/04/2047 00:00:00	♃	02°28'45" ♁	11°19'30"	00°47'19"	-00°01'11"	17.710
17/04/2047 00:00:00	♃	18°12'21" ♁	15°36'46"	-01°42'03"	00°02'07"	30.747
17/04/2047 00:00:00	♃	06°15'09" ♁	-20°16'47"	-11°56'46"	00°01'09"	41.414
17/04/2047 00:00:00	♁	19°59'21" ♁	-21°56'46"	00°00'00"	00°00'02"	0.003
17/04/2047 00:00:00	♃	20°52'26" ♁	-09°12'41"	-01°08'57"	-00°04'40"	7.515
17/04/2047 00:00:00	♃	27°36'04" ♁	15°22'37"	05°06'18"	00°06'43"	0.003
17/04/2047 00:00:00	♁	19°59'21" ♁	-21°56'46"	00°00'00"	00°00'02"	0.003
17/04/2047 00:00:00	♃	11°42'40" ♁	09°13'00"	04°59'12"	-00°27'14"	0.003
17/04/2047 00:00:00	X	00°09'04" ♁	05°47'06"	-06°07'12"	00°00'39"	94.254
17/04/2047 00:00:00	Y	15°23'18" ♀	11°37'40"	-11°04'00"	00°00'36"	79.201
18/04/2047 00:00:00	♁	27°54'01" ♁	10°43'30"	00°00'00"	00°58'41"	1.004
18/04/2047 00:00:00	♃	08°01'35" ♁	-16°44'43"	01°33'49"	12°41'21"	0.003
18/04/2047 00:00:00	♆	20°40'56" ♁	06°45'28"	-01°25'13"	02°00'05"	1.328

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18/04/2047 00:00:00	♀	09°19'11" ♀	23°52'44" ♀	02°03'35"	01°08'18"	1.025
18/04/2047 00:00:00	♂	16°13'04" ♂	16°50'53"	00°10'10"	00°43'15"	2.409
18/04/2047 00:00:00	♃	00°59'23" ♂	10°51'55"	-01°00'48"	00°14'24"	5.963
18/04/2047 00:00:00	♄	04°35'49" ♁	-22°16'03"	01°05'14"	-00°00'26"	9.606
18/04/2047 00:00:00	♅	02°27'36" ♁	11°19'53"	00°47'17"	-00°01'08"	17.724
18/04/2047 00:00:00	♆	18°14'29" ♂	15°37'22"	-01°42'01"	00°02'08"	30.754
18/04/2047 00:00:00	♇	06°16'18" ♀	-20°16'35"	-11°57'02"	00°01'08"	41.402
18/04/2047 00:00:00	♈	19°59'07" ♁	-21°56'48"	00°00'00"	-00°00'43"	0.003
18/04/2047 00:00:00	♉	20°47'46" ♁	-09°10'34"	-01°08'33"	-00°04'39"	7.517
18/04/2047 00:00:00	♊	27°42'48" ♀	15°24'58"	05°06'11"	00°06'43"	0.003
18/04/2047 00:00:00	♋	19°59'07" ♁	-21°56'48"	00°00'00"	-00°00'43"	0.003
18/04/2047 00:00:00	♌	11°47'17" ♀	09°14'48"	04°59'11"	00°35'46"	0.003
18/04/2047 00:00:00	♍	00°09'44" ♂	05°47'22"	-06°07'10"	00°00'39"	94.255
18/04/2047 00:00:00	♎	15°23'55" ♀	11°37'51"	-11°03'53"	00°00'36"	79.213
19/04/2047 00:00:00	♏	28°52'42" ♀	11°04'24"	00°00'00"	00°58'39"	1.004
19/04/2047 00:00:00	♐	20°34'04" ♁	-12°11'43"	02°34'02"	12°24'21"	0.003
19/04/2047 00:00:00	♑	22°41'44" ♀	07°37'45"	-01°17'20"	02°01'29"	1.331
19/04/2047 00:00:00	♒	10°27'24" ♀	24°05'47" ♀	02°06'28"	01°08'08"	1.018
19/04/2047 00:00:00	♓	16°56'18" ♂	17°03'52"	00°10'48"	00°43'12"	2.413

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19/04/2047 00:00:00	♈	01°13'48" ♉	10°56'58"	-01°00'46"	00°14'25"	5.964
19/04/2047 00:00:00	♍	04°35'19" ♎	-22°16'02"	01°05'16"	-00°00'32"	9.591
19/04/2047 00:00:00	♎	02°26'29" ♏	11°20'15"	00°47'15"	-00°01'05"	17.738
19/04/2047 00:00:00	♏	18°16'37" ♉	15°37'59"	-01°42'00"	00°02'09"	30.760
19/04/2047 00:00:00	♐	06°17'26" ♋	-20°16'25"	-11°57'18"	00°01'07"	41.390
19/04/2047 00:00:00	♑	19°57'32" ♎	-21°57'02"	00°00'00"	-00°02'34"	0.003
19/04/2047 00:00:00	♒	20°43'07" ♏	-09°08'27"	-01°08'10"	-00°04'38"	7.520
19/04/2047 00:00:00	♓	27°49'31" ♏	15°27'18"	05°06'04"	00°06'43"	0.003
19/04/2047 00:00:00	T♑	19°57'32" ♎	-21°57'02"	00°00'00"	-00°02'34"	0.003
19/04/2047 00:00:00	T♒	12°51'16" ♏	09°40'21"	04°59'39"	01°30'09"	0.003
19/04/2047 00:00:00	X	00°10'23" ♉	05°47'37"	-06°07'07"	00°00'39"	94.255
19/04/2047 00:00:00	Y	15°24'32" ♏	11°38'01"	-11°03'46"	00°00'37"	79.225
20/04/2047 00:00:00	♈	29°51'20" ♏	11°25'08"	00°00'00"	00°58'37"	1.004
20/04/2047 00:00:00	♎	02°51'43" ♋	-07°14'56"	03°25'47"	12°11'36"	0.003
20/04/2047 00:00:00	♏	24°43'55" ♏	08°30'25"	-01°09'01"	02°02'50"	1.333
20/04/2047 00:00:00	♐	11°35'29" ♏	24°18'14" ○	02°09'17"	01°07'59"	1.011
20/04/2047 00:00:00	♑	17°39'30" ♉	17°16'40"	00°11'26"	00°43'09"	2.417
20/04/2047 00:00:00	♒	01°28'13" ♉	11°02'00"	-01°00'43"	00°14'25"	5.965
20/04/2047 00:00:00	♓	04°34'44" ♎	-22°16'02"	01°05'17"	-00°00'38"	9.576

Ephemerides year 2047

20/04/2047 00:00:00	♃	02°25'25" ♍	11°20'36"	00°47'13"	-00°01'02"	17.751
20/04/2047 00:00:00	♃	18°18'47" ♏	15°38'36"	-01°41'59"	00°02'09"	30.765
20/04/2047 00:00:00	♃	06°18'32" ♏	-20°16'15"	-11°57'35"	00°01'06"	41.377
20/04/2047 00:00:00	♃	19°53'42" ♏	-21°57'35"	00°00'00"	-00°05'10"	0.003
20/04/2047 00:00:00	♃	20°38'30" ♏	-09°06'20"	-01°07'46"	-00°04'36"	7.522
20/04/2047 00:00:00	♃	27°56'14" ♏	15°29'38"	05°05'57"	00°06'43"	0.003
20/04/2047 00:00:00	♃	19°53'42" ♏	-21°57'35"	00°00'00"	-00°05'10"	0.003
20/04/2047 00:00:00	♃	14°42'56" ♏	10°24'34"	05°00'17"	02°10'39"	0.003
20/04/2047 00:00:00	X	00°11'03" ♏	05°47'53"	-06°07'05"	00°00'39"	94.255
20/04/2047 00:00:00	Y	15°25'10" ♏	11°38'12"	-11°03'39"	00°00'37"	79.237
21/04/2047 00:00:00	♃	00°49'57" ♏	11°45'40"	00°00'00"	00°58'36"	1.005
21/04/2047 00:00:00	♃	14°58'34" ♏	-02°06'44"	04°07'21"	12°02'38"	0.003
21/04/2047 00:00:00	♃	26°47'23" ♏	09°23'19"	-01°00'16"	02°04'05"	1.334
21/04/2047 00:00:00	♃	12°43'24" ♏	24°30'03" ♏	02°12'03"	01°07'50"	1.003
21/04/2047 00:00:00	♃	18°22'38" ♏	17°29'18"	00°12'04"	00°43'07"	2.421
21/04/2047 00:00:00	♃	01°42'38" ♏	11°07'01"	-01°00'40"	00°14'25"	5.966
21/04/2047 00:00:00	♃	04°34'02" ♏	-22°16'01"	01°05'19"	-00°00'44"	9.560
21/04/2047 00:00:00	♃	02°24'24" ♏	11°20'56"	00°47'11"	-00°00'59"	17.766
21/04/2047 00:00:00	♃	18°20'57" ♏	15°39'12"	-01°41'57"	00°02'10"	30.771

Ephemerides year 2047

21/04/2047 00:00:00	♁	06°19'38" ♈	-20°16'05"	-11°57'52"	00°01'04"	41.365
21/04/2047 00:00:00	♁	19°47'05" ♈	-21°58'33"	00°00'00"	-00°08'03"	0.003
21/04/2047 00:00:00	♊	20°33'53" ♈	-09°04'14"	-01°07'22"	-00°04'35"	7.525
21/04/2047 00:00:00	♁	28°02'57" ♈	15°31'57"	05°05'50"	00°06'43"	0.003
21/04/2047 00:00:00	♁	19°47'05" ♈	-21°58'33"	00°00'00"	-00°08'03"	0.003
21/04/2047 00:00:00	♁	17°07'37" ♈	11°21'04"	05°00'42"	02°36'22"	0.003
21/04/2047 00:00:00	♁	00°11'43" ♈	05°48'09"	-06°07'03"	00°00'39"	94.255
21/04/2047 00:00:00	♁	15°25'48" ♈	11°38'22"	-11°03'33"	00°00'38"	79.249
22/04/2047 00:00:00	♁	01°48'33" ♈	12°06'01"	00°00'00"	00°58'34"	1.005
22/04/2047 00:00:00	♁	26°58'03" ♈	03°02'18"	04°37'28"	11°56'47"	0.003
22/04/2047 00:00:00	♁	28°52'04" ♈	10°16'22"	-00°51'08"	02°05'15"	1.334
22/04/2047 00:00:00	♁	13°51'09" ♈	24°41'14" ♁	02°14'45"	01°07'40"	0.996
22/04/2047 00:00:00	♁	19°05'44" ♈	17°41'45"	00°12'42"	00°43'04"	2.424
22/04/2047 00:00:00	♁	01°57'03" ♈	11°12'01"	-01°00'38"	00°14'24"	5.967
22/04/2047 00:00:00	♁	04°33'15" ♈	-22°16'01"	01°05'21"	-00°00'50"	9.546
22/04/2047 00:00:00	♁	02°23'26" ♈	11°21'15"	00°47'09"	-00°00'56"	17.780
22/04/2047 00:00:00	♁	18°23'07" ♈	15°39'49"	-01°41'56"	00°02'10"	30.776
22/04/2047 00:00:00	♁	06°20'42" ♈	-20°15'56"	-11°58'09"	00°01'03"	41.352
22/04/2047 00:00:00	♁	19°37'39" ♈	-21°59'55"	00°00'00"	-00°10'43"	0.003

Ephemerides year 2047

22/04/2047 00:00:00	♄	20°29'19" ♈	-09°02'08"	-01°06'58"	-00°04'33"	7.528
22/04/2047 00:00:00	♁	28°09'41" ♈	15°34'17"	05°05'43"	00°06'43"	0.003
22/04/2047 00:00:00	♁	19°37'39" ♈	-21°59'55"	00°00'00"	-00°10'43"	0.003
22/04/2047 00:00:00	♁	19°51'26" ♈	12°23'50"	05°00'34"	02°49'26"	0.003
22/04/2047 00:00:00	X	00°12'23" ♈	05°48'25"	-06°07'01"	00°00'39"	94.255
22/04/2047 00:00:00	Y	15°26'27" ♈	11°38'33"	-11°03'26"	00°00'38"	79.260
23/04/2047 00:00:00	♁	02°47'06" ♈	12°26'09"	00°00'00"	00°58'32"	1.005
23/04/2047 00:00:00	♁	08°52'58" ♈	08°02'27"	04°55'13"	11°53'23"	0.003
23/04/2047 00:00:00	♁	00°57'51" ♈	11°09'23"	-00°41'37"	02°06'17"	1.333
23/04/2047 00:00:00	♁	14°58'45" ♈	24°51'48" ♁	02°17'23"	01°07'30"	0.988
23/04/2047 00:00:00	♁	19°48'46" ♈	17°54'03"	00°13'19"	00°43'01"	2.428
23/04/2047 00:00:00	♁	02°11'28" ♈	11°17'00"	-01°00'36"	00°14'25"	5.967
23/04/2047 00:00:00	♁	04°32'22" ♈	-22°16'01"	01°05'22"	-00°00'56"	9.531
23/04/2047 00:00:00	♁	02°22'31" ♈	11°21'33"	00°47'06"	-00°00'53"	17.794
23/04/2047 00:00:00	♁	18°25'18" ♈	15°40'26"	-01°41'55"	00°02'11"	30.781
23/04/2047 00:00:00	♁	06°21'45" ♈	-20°15'48"	-11°58'26"	00°01'02"	41.339
23/04/2047 00:00:00	♁	19°25'52" ♈	-22°01'36"	00°00'00"	-00°12'43"	0.003
23/04/2047 00:00:00	♄	20°24'46" ♈	-09°00'02"	-01°06'33"	-00°04'31"	7.532
23/04/2047 00:00:00	♁	28°16'24" ♈	15°36'36"	05°05'35"	00°06'43"	0.003

Ephemerides year 2047

23/04/2047 00:00:00	T♄	19°25'52" ♉	-22°01'36"	00°00'00"	-00°12'43"	0.003
23/04/2047 00:00:00	T♄	22°43'45" ♉	13°28'22"	04°59'46"	02°54'18"	0.003
23/04/2047 00:00:00	X	00°13'03" ♉	05°48'40"	-06°06'59"	00°00'39"	94.254
23/04/2047 00:00:00	Y	15°27'06" ♉	11°38'43"	-11°03'20"	00°00'39"	79.272
24/04/2047 00:00:00	☉	03°45'38" ♉	12°46'06"	00°00'00"	00°58'30"	1.005
24/04/2047 00:00:00	☾	20°45'27" ♉	12°43'56"	05°00'04"	11°51'51"	0.003
24/04/2047 00:00:00	♁	03°04'36" ♉	12°02'15"	-00°31'46"	02°07'11"	1.330
24/04/2047 00:00:00	♂	16°06'11" ♉	25°01'44"	02°19'57"	01°07'20"	0.981
24/04/2047 00:00:00	♂	20°31'46" ♉	18°06'10"	00°13'57"	00°42'58"	2.432
24/04/2047 00:00:00	♂	02°25'53" ♉	11°21'59"	-01°00'33"	00°14'24"	5.967
24/04/2047 00:00:00	♃	04°31'23" ♉	-22°16'02"	01°05'24"	-00°01'01"	9.516
24/04/2047 00:00:00	♃	02°21'39" ♉	11°21'49"	00°47'04"	-00°00'50"	17.809
24/04/2047 00:00:00	♃	18°27'29" ♉	15°41'03"	-01°41'54"	00°02'11"	30.786
24/04/2047 00:00:00	♃	06°22'47" ♉	-20°15'41"	-11°58'43"	00°01'01"	41.326
24/04/2047 00:00:00	♄	19°12'33" ♉	-22°03'30"	00°00'00"	-00°13'44"	0.003
24/04/2047 00:00:00	♄	20°20'15" ♉	-08°57'58"	-01°06'09"	-00°04'29"	7.536
24/04/2047 00:00:00	♄	28°23'07" ♉	15°38'55"	05°05'28"	00°06'43"	0.003
24/04/2047 00:00:00	T♄	19°12'33" ♉	-22°03'30"	00°00'00"	-00°13'44"	0.003
24/04/2047 00:00:00	T♄	25°39'16" ♉	14°32'22"	04°58'17"	02°56'52"	0.003

Ephemerides year 2047

24/04/2047 00:00:00	X	00°13'43" ♉	05°48'56"	-06°06'57"	00°00'39"	94.253
24/04/2047 00:00:00	Y	15°27'46" ♉	11°38'53"	-11°03'13"	00°00'40"	79.283
25/04/2047 00:00:00	☉	04°44'08" ♉	13°05'50"	00°00'00"	00°58'29"	1.006
25/04/2047 00:00:00	☾	02°37'10" ♉	16°56'36"	04°51'54"	11°51'49"	0.003
25/04/2047 00:00:00	♀	05°12'10" ♉	12°54'48"	-00°21'39"	02°07'54"	1.327
25/04/2047 00:00:00	♋	17°13'26" ♉	25°11'02" ♁	02°22'27"	01°07'10"	0.974
25/04/2047 00:00:00	♌	21°14'43" ♉	18°18'06"	00°14'34"	00°42'55"	2.436
25/04/2047 00:00:00	♍	02°40'18" ♉	11°26'57"	-01°00'31"	00°14'24"	5.967
25/04/2047 00:00:00	♎	04°30'18" ♎	-22°16'02"	01°05'25"	-00°01'07"	9.502
25/04/2047 00:00:00	♏	02°20'50" ♏	11°22'05"	00°47'02"	-00°00'47"	17.824
25/04/2047 00:00:00	♐	18°29'41" ♉	15°41'40"	-01°41'53"	00°02'12"	30.790
25/04/2047 00:00:00	♑	06°23'48" ♎	-20°15'34"	-11°59'01"	00°01'00"	41.312
25/04/2047 00:00:00	♒	18°58'46" ♎	-22°05'26"	00°00'00"	-00°13'36"	0.003
25/04/2047 00:00:00	♓	20°15'47" ♏	-08°55'53"	-01°05'45"	-00°04'27"	7.540
25/04/2047 00:00:00	♈	28°29'50" ♏	15°41'14"	05°05'20"	00°06'43"	0.003
25/04/2047 00:00:00	T♁	18°58'46" ♎	-22°05'26"	00°00'00"	-00°13'36"	0.003
25/04/2047 00:00:00	T♂	28°38'29" ♏	15°35'45"	04°56'06"	03°02'18"	0.003
25/04/2047 00:00:00	X	00°14'23" ♉	05°49'11"	-06°06'55"	00°00'39"	94.252
25/04/2047 00:00:00	Y	15°28'26" ♉	11°39'04"	-11°03'07"	00°00'40"	79.293

Ephemerides year 2047

26/04/2047 00:00:00	♃	05°42'36" ♉	13°25'21"	00°00'00"	00°58'27"	1.006
26/04/2047 00:00:00	♄	14°29'34" ♉	20°29'39"	04°31'03"	11°53'10"	0.003
26/04/2047 00:00:00	♅	07°20'21" ♉	13°46'49"	-00°11'17"	02°08'25"	1.322
26/04/2047 00:00:00	♆	18°20'31" ♉	25°19'41" ♁	02°24'53"	01°06'59"	0.966
26/04/2047 00:00:00	♇	21°57'38" ♉	18°29'52"	00°15'11"	00°42'52"	2.439
26/04/2047 00:00:00	♈	02°54'43" ♉	11°31'53"	-01°00'29"	00°14'24"	5.967
26/04/2047 00:00:00	♉	04°29'08" ♉	-22°16'03"	01°05'27"	-00°01'13"	9.487
26/04/2047 00:00:00	♊	02°20'04" ♉	11°22'19"	00°47'00"	-00°00'44"	17.838
26/04/2047 00:00:00	♋	18°31'54" ♉	15°42'17"	-01°41'52"	00°02'12"	30.795
26/04/2047 00:00:00	♌	06°24'48" ♉	-20°15'27"	-11°59'18"	00°00'58"	41.299
26/04/2047 00:00:00	♍	18°45'41" ♉	-22°07'15"	00°00'00"	-00°12'22"	0.003
26/04/2047 00:00:00	♎	20°11'20" ♉	-08°53'50"	-01°05'20"	-00°04'25"	7.544
26/04/2047 00:00:00	♏	28°36'34" ♉	15°43'32"	05°05'12"	00°06'43"	0.003
26/04/2047 00:00:00	♐	18°45'41" ♉	-22°07'15"	00°00'00"	-00°12'22"	0.003
26/04/2047 00:00:00	♑	01°45'21" ♉	16°39'32"	04°53'05"	03°11'57"	0.003
26/04/2047 00:00:00	♒	00°15'03" ♉	05°49'27"	-06°06'53"	00°00'39"	94.250
26/04/2047 00:00:00	♓	15°29'07" ♉	11°39'14"	-11°03'01"	00°00'41"	79.304
27/04/2047 00:00:00	♃	06°41'02" ♉	13°44'38"	00°00'00"	00°58'25"	1.006
27/04/2047 00:00:00	♄	26°24'02" ♉	23°12'11"	03°58'15"	11°56'01"	0.003

Ephemerides year 2047

27/04/2047 00:00:00	♀	09°28'56" ♀	14°38'08"	-00°00'44"	02°08'42"	1.316
27/04/2047 00:00:00	♀	19°27'26" ♀	25°27'42" ♀	02°27'14"	01°06'48"	0.959
27/04/2047 00:00:00	♂	22°40'29" ♀	18°41'27"	00°15'48"	00°42'49"	2.443
27/04/2047 00:00:00	♂	03°09'07" ♀	11°36'49"	-01°00'27"	00°14'24"	5.966
27/04/2047 00:00:00	♂	04°27'51" ♀	-22°16'05"	01°05'28"	-00°01'18"	9.473
27/04/2047 00:00:00	♂	02°19'22" ♀	11°22'32"	00°46'57"	-00°00'40"	17.853
27/04/2047 00:00:00	♂	18°34'07" ♀	15°42'54"	-01°41'51"	00°02'13"	30.798
27/04/2047 00:00:00	♂	06°25'46" ♀	-20°15'22"	-11°59'36"	00°00'57"	41.285
27/04/2047 00:00:00	♂	18°34'20" ♀	-22°08'48"	00°00'00"	-00°10'12"	0.003
27/04/2047 00:00:00	♂	20°06'56" ♀	-08°51'47"	-01°04'55"	-00°04'22"	7.549
27/04/2047 00:00:00	♂	28°43'17" ♀	15°45'50"	05°05'04"	00°06'43"	0.003
27/04/2047 00:00:00	T♂	18°34'20" ♀	-22°08'48"	00°00'00"	-00°10'12"	0.003
27/04/2047 00:00:00	T♂	05°02'37" ♀	17°44'03"	04°49'03"	03°22'06"	0.003
27/04/2047 00:00:00	X	00°15'43" ♀	05°49'42"	-06°06'51"	00°00'39"	94.248
27/04/2047 00:00:00	Y	15°29'48" ♀	11°39'24"	-11°02'55"	00°00'41"	79.314
28/04/2047 00:00:00	♂	07°39'27" ♀	14°03'42"	00°00'00"	00°58'23"	1.007
28/04/2047 00:00:00	♂	08°22'15" ♀	24°53'59" ♀	03°14'41"	12°00'46"	0.003
28/04/2047 00:00:00	♀	11°37'41" ♀	15°28'33"	00°09'55"	02°08'45"	1.308
28/04/2047 00:00:00	♀	20°34'09" ♀	25°35'04" ♀	02°29'31"	01°06'37"	0.951

Ephemerides year 2047

28/04/2047 00:00:00	♂	23°23'17" ♉	18°52'51"	00°16'24"	00°42'47"	2.447
28/04/2047 00:00:00	♃	03°23'31" ♉	11°41'44"	-01°00'25"	00°14'23"	5.965
28/04/2047 00:00:00	♅	04°26'30" ♉	-22°16'06"	01°05'29"	-00°01'24"	9.459
28/04/2047 00:00:00	♁	02°18'42" ♉	11°22'44"	00°46'55"	-00°00'37"	17.869
28/04/2047 00:00:00	♆	18°36'20" ♉	15°43'31"	-01°41'51"	00°02'13"	30.802
28/04/2047 00:00:00	♁	06°26'43" ♉	-20°15'16"	-11°59'54"	00°00'56"	41.271
28/04/2047 00:00:00	♁	18°25'27" ♉	-22°10'01"	00°00'00"	-00°07'29"	0.003
28/04/2047 00:00:00	♁	20°02'35" ♉	-08°49'46"	-01°04'30"	-00°04'19"	7.554
28/04/2047 00:00:00	♁	28°50'00" ♉	15°48'08"	05°04'56"	00°06'43"	0.003
28/04/2047 00:00:00	♁	18°25'27" ♉	-22°10'01"	00°00'00"	-00°07'29"	0.003
28/04/2047 00:00:00	♁	08°27'30" ♉	18°47'43"	04°43'54"	03°26'01"	0.003
28/04/2047 00:00:00	X	00°16'22" ♉	05°49'57"	-06°06'50"	00°00'39"	94.246
28/04/2047 00:00:00	Y	15°30'30" ♉	11°39'34"	-11°02'49"	00°00'42"	79.324
29/04/2047 00:00:00	♁	08°37'49" ♉	14°22'32"	00°00'00"	00°58'21"	1.007
29/04/2047 00:00:00	♁	20°26'23" ♉	25°26'56"	02°21'56"	12°07'56"	0.003
29/04/2047 00:00:00	♁	13°46'20" ♉	16°17'50"	00°20'37"	02°08'30"	1.299
29/04/2047 00:00:00	♀	21°40'41" ♉	25°41'47"	02°31'43"	01°06'26"	0.943
29/04/2047 00:00:00	♂	24°06'03" ♉	19°04'04"	00°17'01"	00°42'44"	2.450
29/04/2047 00:00:00	♃	03°37'54" ♉	11°46'38"	-01°00'24"	00°14'23"	5.965

Ephemerides year 2047

29/04/2047 00:00:00	♅	04°25'03" ♈	-22°16'07"	01°05'31"	-00°01'29"	9.445
29/04/2047 00:00:00	♁	02°18'06" ♉	11°22'55"	00°46'53"	-00°00'34"	17.884
29/04/2047 00:00:00	♃	18°38'34" ♊	15°44'09"	-01°41'50"	00°02'13"	30.805
29/04/2047 00:00:00	♁	06°27'39" ♉	-20°15'12"	-12°00'12"	00°00'55"	41.257
29/04/2047 00:00:00	♁	18°19'25" ♈	-22°10'50"	00°00'00"	-00°04'37"	0.003
29/04/2047 00:00:00	♃	19°58'17" ♊	-08°47'45"	-01°04'05"	-00°04'16"	7.559
29/04/2047 00:00:00	♁	28°56'44" ♉	15°50'25"	05°04'47"	00°06'43"	0.003
29/04/2047 00:00:00	♁	18°19'25" ♈	-22°10'50"	00°00'00"	-00°04'37"	0.003
29/04/2047 00:00:00	♁	11°50'27" ♈	19°47'06"	04°37'50"	03°17'22"	0.003
29/04/2047 00:00:00	X	00°17'02" ♈	05°50'12"	-06°06'48"	00°00'39"	94.244
29/04/2047 00:00:00	Y	15°31'13" ♉	11°39'44"	-11°02'43"	00°00'42"	79.334
30/04/2047 00:00:00	♁	09°36'09" ♈	14°41'08"	00°00'00"	00°58'19"	1.007
30/04/2047 00:00:00	♃	02°39'10" ♊	24°46'20" ♁	01°21'55"	12°18'12"	0.003
30/04/2047 00:00:00	♃	15°54'37" ♊	17°05'49"	00°31'19"	02°07'59"	1.289
30/04/2047 00:00:00	♃	22°47'01" ♊	25°47'51" ♁	02°33'50"	01°06'14"	0.936
30/04/2047 00:00:00	♂	24°48'46" ♈	19°15'06"	00°17'37"	00°42'41"	2.454
30/04/2047 00:00:00	♃	03°52'17" ♈	11°51'31"	-01°00'22"	00°14'22"	5.963
30/04/2047 00:00:00	♅	04°23'30" ♈	-22°16'09"	01°05'32"	-00°01'35"	9.431
30/04/2047 00:00:00	♁	02°17'33" ♉	11°23'05"	00°46'51"	-00°00'31"	17.899

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30/04/2047 00:00:00	♁	18°40'48" ♂	15°44'46"	-01°41'49"	00°02'14"	30.809
30/04/2047 00:00:00	♁	06°28'34" ♀	-20°15'08"	-12°00'30"	00°00'53"	41.243
30/04/2047 00:00:00	♁	18°16'05" ♀	-22°11'17"	00°00'00"	-00°02'05"	0.002
30/04/2047 00:00:00	♁	19°54'02" ♀	-08°45'45"	-01°03'40"	-00°04'13"	7.564
30/04/2047 00:00:00	♁	29°03'27" ♀	15°52'43"	05°04'39"	00°06'43"	0.003
30/04/2047 00:00:00	♁	18°16'05" ♀	-22°11'17"	00°00'00"	-00°02'05"	0.002
30/04/2047 00:00:00	♁	14°56'42" ♂	20°38'10"	04°31'26"	02°52'11"	0.003
30/04/2047 00:00:00	X	00°17'42" ♂	05°50'27"	-06°06'47"	00°00'39"	94.241
30/04/2047 00:00:00	Y	15°31'56" ♀	11°39'54"	-11°02'37"	00°00'43"	79.344
01/05/2047 00:00:00	♁	10°34'28" ♂	14°59'29"	00°00'00"	00°58'17"	1.007
01/05/2047 00:00:00	♁	15°04'00" ♀	22°51'48"	00°16'55"	12°32'07"	0.003
01/05/2047 00:00:00	♁	18°02'13" ♂	17°52'16"	00°41'54"	02°07'09"	1.277
01/05/2047 00:00:00	♁	23°53'10" ♀	25°53'16" ○	02°35'52"	01°06'02"	0.928
01/05/2047 00:00:00	♁	25°31'25" ♂	19°25'58"	00°18'13"	00°42'38"	2.457
01/05/2047 00:00:00	♁	04°06'39" ♂	11°56'23"	-01°00'21"	00°14'21"	5.962
01/05/2047 00:00:00	♁	04°21'52" ♀	-22°16'11"	01°05'33"	-00°01'40"	9.418
01/05/2047 00:00:00	♁	02°17'03" ♀	11°23'13"	00°46'48"	-00°00'28"	17.915
01/05/2047 00:00:00	♁	18°43'02" ♂	15°45'23"	-01°41'49"	00°02'14"	30.811
01/05/2047 00:00:00	♁	06°29'27" ♀	-20°15'05"	-12°00'49"	00°00'52"	41.229

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01/05/2047 00:00:00	♏	18°14'58" ♁	-22°11'26"	00°00'00"	-00°00'17"	0.002
01/05/2047 00:00:00	♋	19°49'49" ♁	-08°43'46"	-01°03'15"	-00°04'10"	7.570
01/05/2047 00:00:00	♌	29°10'11" ♁	15°55'00"	05°04'30"	00°06'43"	0.003
01/05/2047 00:00:00	T♏	18°14'58" ♁	-22°11'26"	00°00'00"	-00°00'17"	0.002
01/05/2047 00:00:00	T♌	17°28'53" ♁	21°17'19"	04°25'36"	02°09'16"	0.003
01/05/2047 00:00:00	X	00°18'22" ♁	05°50'42"	-06°06'45"	00°00'39"	94.238
01/05/2047 00:00:00	Y	15°32'39" ♀	11°40'04"	-11°02'32"	00°00'43"	79.354
02/05/2047 00:00:00	♉	11°32'44" ♁	15°17'35"	-00°00'00"	00°58'15"	1.008
02/05/2047 00:00:00	♊	27°44'46" ♁	19°47'04"	-00°50'21"	12°50'06"	0.003
02/05/2047 00:00:00	♍	20°08'50" ♁	18°37'00"	00°52'19"	02°06'01"	1.264
02/05/2047 00:00:00	♎	24°59'06" ♀	25°58'02" ♁	02°37'49"	01°05'49"	0.920
02/05/2047 00:00:00	♊	26°14'02" ♁	19°36'38"	00°18'49"	00°42'35"	2.461
02/05/2047 00:00:00	♈	04°21'00" ♁	12°01'13"	-01°00'19"	00°14'20"	5.961
02/05/2047 00:00:00	♉	04°20'08" ♁	-22°16'14"	01°05'34"	-00°01'46"	9.404
02/05/2047 00:00:00	♌	02°16'36" ♁	11°23'21"	00°46'46"	-00°00'25"	17.930
02/05/2047 00:00:00	♍	18°45'17" ♁	15°46'00"	-01°41'48"	00°02'14"	30.814
02/05/2047 00:00:00	♎	06°30'19" ♁	-20°15'02"	-12°01'07"	00°00'51"	41.215
02/05/2047 00:00:00	♏	18°15'09" ♁	-22°11'24"	00°00'00"	00°00'28"	0.002
02/05/2047 00:00:00	♋	19°45'40" ♁	-08°41'49"	-01°02'50"	-00°04'07"	7.576

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02/05/2047 00:00:00	☾	29°16'54" ♏	15°57'17"	05°04'21"	00°06'43"	0.003
02/05/2047 00:00:00	♁	18°15'09" ♏	-22°11'24"	00°00'00"	00°00'28"	0.002
02/05/2047 00:00:00	♁	19°09'52" ♏	21°41'58"	04°21'28"	01°10'23"	0.003
02/05/2047 00:00:00	X	00°19'01" ♏	05°50'57"	-06°06'44"	00°00'39"	94.235
02/05/2047 00:00:00	Y	15°33'23" ♁	11°40'13"	-11°02'26"	00°00'43"	79.363
03/05/2047 00:00:00	☉	12°30'58" ♏	15°35'25"	-00°00'00"	00°58'13"	1.008
03/05/2047 00:00:00	☾	10°45'34" ♏	15°39'24"	-01°56'51"	13°12'07"	0.003
03/05/2047 00:00:00	♀	22°14'10" ♏	19°19'50"	01°02'29"	02°04'35"	1.249
03/05/2047 00:00:00	♀	26°04'49" ♁	26°02'09"	02°39'40"	01°05'36"	0.913
03/05/2047 00:00:00	♂	26°56'35" ♏	19°47'06"	00°19'24"	00°42'32"	2.464
03/05/2047 00:00:00	♃	04°35'20" ♏	12°06'03"	-01°00'18"	00°14'19"	5.959
03/05/2047 00:00:00	♃	04°18'19" ♏	-22°16'16"	01°05'35"	-00°01'51"	9.391
03/05/2047 00:00:00	♃	02°16'13" ♏	11°23'27"	00°46'44"	-00°00'21"	17.946
03/05/2047 00:00:00	♃	18°47'31" ♏	15°46'37"	-01°41'47"	00°02'14"	30.816
03/05/2047 00:00:00	♃	06°31'09" ♏	-20°15'00"	-12°01'26"	00°00'49"	41.201
03/05/2047 00:00:00	♁	18°15'33" ♏	-22°11'21"	00°00'00"	00°00'08"	0.002
03/05/2047 00:00:00	♃	19°41'35" ♏	-08°39'52"	-01°02'24"	-00°04'03"	7.583
03/05/2047 00:00:00	☾	29°23'37" ♏	15°59'33"	05°04'12"	00°06'43"	0.003
03/05/2047 00:00:00	♁	18°15'33" ♏	-22°11'21"	00°00'00"	00°00'08"	0.002

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03/05/2047 00:00:00	T♄	19°46'15" ♉	21°50'36"	04°19'56"	00°01'28"	0.003
03/05/2047 00:00:00	X	00°19'40" ♉	05°51'12"	-06°06'42"	00°00'39"	94.231
03/05/2047 00:00:00	Y	15°34'07" ♉	11°40'23"	-11°02'21"	00°00'44"	79.372
04/05/2047 00:00:00	☉	13°29'11" ♉	15°53'00"	-00°00'00"	00°58'11"	1.008
04/05/2047 00:00:00	☾	24°10'10" ♋	10°38'44"	-02°59'00"	13°37'32"	0.003
04/05/2047 00:00:00	♀	24°17'55" ♉	20°00'36"	01°12'19"	02°02'51"	1.234
04/05/2047 00:00:00	♀	27°10'18" ♉	26°05'37" ○	02°41'26"	01°05'23"	0.905
04/05/2047 00:00:00	♂	27°39'06" ♉	19°57'24"	00°20'00"	00°42'29"	2.468
04/05/2047 00:00:00	♃	04°49'40" ♉	12°10'51"	-01°00'17"	00°14'18"	5.957
04/05/2047 00:00:00	♅	04°16'24" ♉	-22°16'19"	01°05'36"	-00°01'57"	9.378
04/05/2047 00:00:00	♁	02°15'52" ♉	11°23'32"	00°46'41"	-00°00'18"	17.962
04/05/2047 00:00:00	♃	18°49'46" ♉	15°47'14"	-01°41'47"	00°02'14"	30.818
04/05/2047 00:00:00	♁	06°31'59" ♉	-20°14'59"	-12°01'45"	00°00'48"	41.186
04/05/2047 00:00:00	♁	18°15'05" ♉	-22°11'25"	00°00'00"	-00°01'14"	0.002
04/05/2047 00:00:00	♁	19°37'32" ♉	-08°37'57"	-01°01'59"	-00°04'00"	7.589
04/05/2047 00:00:00	♁	29°30'21" ♉	16°01'49"	05°04'03"	00°06'43"	0.003
04/05/2047 00:00:00	T♁	18°15'05" ♉	-22°11'25"	00°00'00"	-00°01'14"	0.002
04/05/2047 00:00:00	T♄	19°13'16" ♉	21°42'49"	04°21'22"	-01°05'56"	0.003
04/05/2047 00:00:00	X	00°20'20" ♉	05°51'27"	-06°06'41"	00°00'39"	94.227

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04/05/2047 00:00:00	Y	15°34'52" ♀	11°40'33"	-11°02'16"	00°00'44"	79.381
05/05/2047 00:00:00	☉	14°27'21" ♀	16°10'20"	-00°00'00"	00°58'09"	1.008
05/05/2047 00:00:00	♃	08°01'19" ♀	04°57'25"	-03°52'47"	14°04'53"	0.002
05/05/2047 00:00:00	♀	26°19'48" ♀	20°39'09"	01°21'45"	02°00'50"	1.217
05/05/2047 00:00:00	♀	28°15'35" ♀	26°08'27" ♀	02°43'06"	01°05'09"	0.897
05/05/2047 00:00:00	♂	28°21'33" ♀	20°07'29"	00°20'35"	00°42'25"	2.471
05/05/2047 00:00:00	♃	05°03'58" ♀	12°15'38"	-01°00'16"	00°14'17"	5.955
05/05/2047 00:00:00	♃	04°14'25" ♀	-22°16'22"	01°05'37"	-00°02'02"	9.365
05/05/2047 00:00:00	♃	02°15'35" ♀	11°23'36"	00°46'39"	-00°00'15"	17.977
05/05/2047 00:00:00	♃	18°52'01" ♀	15°47'52"	-01°41'47"	00°02'15"	30.820
05/05/2047 00:00:00	♃	06°32'47" ♀	-20°14'58"	-12°02'04"	00°00'47"	41.171
05/05/2047 00:00:00	♃	18°12'51" ♀	-22°11'43"	00°00'00"	-00°03'19"	0.002
05/05/2047 00:00:00	♃	19°33'34" ♀	-08°36'03"	-01°01'33"	-00°03'56"	7.596
05/05/2047 00:00:00	♃	29°37'04" ♀	16°04'05"	05°03'54"	00°06'43"	0.003
05/05/2047 00:00:00	T♃	18°12'51" ♀	-22°11'43"	00°00'00"	-00°03'19"	0.002
05/05/2047 00:00:00	T♃	17°40'00" ♀	21°20'09"	04°25'14"	-01°56'33"	0.003
05/05/2047 00:00:00	X	00°20'59" ♀	05°51'41"	-06°06'40"	00°00'38"	94.223
05/05/2047 00:00:00	Y	15°35'36" ♀	11°40'42"	-11°02'10"	00°00'45"	79.389
06/05/2047 00:00:00	☉	15°25'29" ♀	16°27'23"	-00°00'00"	00°58'07"	1.009

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06/05/2047 00:00:00	♃	22°19'47" ♉	-01°09'12"	-04°33'57"	14°31'43"	0.002
06/05/2047 00:00:00	♆	28°19'32" ♉	21°15'24"	01°30'43"	01°58'34"	1.199
06/05/2047 00:00:00	♀	29°20'37" ♉	26°10'37" ♀	02°44'41"	01°04'55"	0.889
06/05/2047 00:00:00	♂	29°03'58" ♉	20°17'24"	00°21'10"	00°42'22"	2.475
06/05/2047 00:00:00	♃	05°18'15" ♉	12°20'24"	-01°00'15"	00°14'16"	5.953
06/05/2047 00:00:00	♃	04°12'20" ♉	-22°16'26"	01°05'37"	-00°02'07"	9.353
06/05/2047 00:00:00	♃	02°15'21" ♉	11°23'39"	00°46'36"	-00°00'12"	17.993
06/05/2047 00:00:00	♃	18°54'16" ♉	15°48'29"	-01°41'46"	00°02'15"	30.821
06/05/2047 00:00:00	♃	06°33'33" ♉	-20°14'58"	-12°02'23"	00°00'45"	41.157
06/05/2047 00:00:00	♃	18°08'22" ♉	-22°12'19"	00°00'00"	-00°05'37"	0.002
06/05/2047 00:00:00	♃	19°29'39" ♉	-08°34'10"	-01°01'07"	-00°03'52"	7.603
06/05/2047 00:00:00	♃	29°43'47" ♉	16°06'21"	05°03'44"	00°06'43"	0.003
06/05/2047 00:00:00	♃	18°08'22" ♉	-22°12'19"	00°00'00"	-00°05'37"	0.002
06/05/2047 00:00:00	♃	15°29'46" ♉	20°46'58"	04°30'17"	-02°18'48"	0.003
06/05/2047 00:00:00	X	00°21'37" ♉	05°51'56"	-06°06'39"	00°00'38"	94.219
06/05/2047 00:00:00	Y	15°36'22" ♉	11°40'52"	-11°02'06"	00°00'45"	79.397
07/05/2047 00:00:00	♃	16°23'35" ♉	16°44'09"	-00°00'00"	00°58'05"	1.009
07/05/2047 00:00:00	♃	07°03'32" ♉	-07°22'04"	-04°58'26"	14°54'50"	0.002
07/05/2047 00:00:00	♆	00°16'52" ♉	21°49'13"	01°39'08"	01°56'04"	1.180

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07/05/2047 00:00:00	♀	00°25'25" ♃	26°12'09" ♁	02°46'09"	01°04'40"	0.882
07/05/2047 00:00:00	♂	29°46'19" ♄	20°27'06"	00°21'45"	00°42'19"	2.478
07/05/2047 00:00:00	♃	05°32'31" ♄	12°25'09"	-01°00'14"	00°14'15"	5.950
07/05/2047 00:00:00	♅	04°10'10" ♄	-22°16'29"	01°05'38"	-00°02'12"	9.340
07/05/2047 00:00:00	♁	02°15'10" ♄	11°23'40"	00°46'34"	-00°00'09"	18.009
07/05/2047 00:00:00	♃	18°56'31" ♄	15°49'06"	-01°41'46"	00°02'15"	30.822
07/05/2047 00:00:00	♁	06°34'18" ♃	-20°14'58"	-12°02'42"	00°00'44"	41.142
07/05/2047 00:00:00	♁	18°01'42" ♄	-22°13'12"	00°00'00"	-00°07'36"	0.002
07/05/2047 00:00:00	♃	19°25'48" ♃	-08°32'18"	-01°00'42"	-00°03'48"	7.611
07/05/2047 00:00:00	♁	29°50'30" ♃	16°08'36"	05°03'35"	00°06'43"	0.003
07/05/2047 00:00:00	♁	18°01'42" ♄	-22°13'12"	00°00'00"	-00°07'36"	0.002
07/05/2047 00:00:00	♁	13°11'34" ♄	20°09'52"	04°35'15"	-02°13'57"	0.003
07/05/2047 00:00:00	X	00°22'16" ♄	05°52'10"	-06°06'38"	00°00'38"	94.214
07/05/2047 00:00:00	Y	15°37'07" ♃	11°41'01"	-11°02'01"	00°00'45"	79.405
08/05/2047 00:00:00	♁	17°21'39" ♄	17°00'39"	-00°00'00"	00°58'03"	1.009
08/05/2047 00:00:00	♃	22°07'05" ♃	-13°17'38"	-05°03'06"	15°10'47"	0.002
08/05/2047 00:00:00	♃	02°11'36" ♃	22°20'33"	01°46'58"	01°53'21"	1.160
08/05/2047 00:00:00	♀	01°29'58" ♃	26°13'03" ♁	02°47'32"	01°04'25"	0.874
08/05/2047 00:00:00	♂	00°28'38" ♃	20°36'37"	00°22'20"	00°42'17"	2.481

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08/05/2047 00:00:00	♃	05°46'46" ♀	12°29'52"	-01°00'14"	00°14'14"	5.948
08/05/2047 00:00:00	♅	04°07'54" ♀	-22°16'32"	01°05'38"	-00°02'17"	9.328
08/05/2047 00:00:00	♁	02°15'02" ♀	11°23'41"	00°46'32"	-00°00'06"	18.026
08/05/2047 00:00:00	♆	18°58'46" ♀	15°49'42"	-01°41'46"	00°02'15"	30.823
08/05/2047 00:00:00	♁	06°35'02" ♀	-20°15'00"	-12°03'02"	00°00'43"	41.127
08/05/2047 00:00:00	♁	17°53'26" ♀	-22°14'18"	00°00'00"	-00°08'46"	0.002
08/05/2047 00:00:00	♆	19°22'01" ♀	-08°30'28"	-01°00'16"	-00°03'44"	7.619
08/05/2047 00:00:00	♁	29°57'13" ♀	16°10'51"	05°03'25"	00°06'43"	0.003
08/05/2047 00:00:00	♁	17°53'26" ♀	-22°14'18"	00°00'00"	-00°08'46"	0.002
08/05/2047 00:00:00	♁	11°06'06" ♀	19°34'38"	04°39'26"	-01°56'24"	0.003
08/05/2047 00:00:00	X	00°22'54" ♀	05°52'24"	-06°06'37"	00°00'38"	94.209
08/05/2047 00:00:00	Y	15°37'53" ♀	11°41'10"	-11°01'56"	00°00'46"	79.413
09/05/2047 00:00:00	♁	18°19'42" ♀	17°16'52"	-00°00'00"	00°58'01"	1.009
09/05/2047 00:00:00	♁	07°21'46" ♀	-18°28'29"	-04°46'31"	15°16'47"	0.002
09/05/2047 00:00:00	♁	04°03'31" ♀	22°49'23"	01°54'09"	01°50'27"	1.140
09/05/2047 00:00:00	♁	02°34'16" ♀	26°13'18" ○	02°48'48"	01°04'10"	0.866
09/05/2047 00:00:00	♁	01°10'53" ♀	20°45'56"	00°22'55"	00°42'14"	2.484
09/05/2047 00:00:00	♃	06°01'00" ♀	12°34'35"	-01°00'13"	00°14'13"	5.945
09/05/2047 00:00:00	♅	04°05'34" ♀	-22°16'36"	01°05'39"	-00°02'22"	9.316

Ephemerides year 2047

09/05/2047 00:00:00	♃	02°14'58" ♃	11°23'40"	00°46'29"	-00°00'02"	18.042
09/05/2047 00:00:00	♃	19°01'02" ♃	15°50'19"	-01°41'46"	00°02'15"	30.824
09/05/2047 00:00:00	♃	06°35'45" ♃	-20°15'01"	-12°03'21"	00°00'41"	41.112
09/05/2047 00:00:00	♃	17°44'32" ♃	-22°15'28"	00°00'00"	-00°08'49"	0.002
09/05/2047 00:00:00	♃	19°18'18" ♃	-08°28'40"	-00°59'50"	-00°03'40"	7.627
09/05/2047 00:00:00	♃	00°03'57" ♃	16°13'06"	05°03'15"	00°06'43"	0.003
09/05/2047 00:00:00	♃	17°44'32" ♃	-22°15'28"	00°00'00"	-00°08'49"	0.002
09/05/2047 00:00:00	♃	09°17'01" ♃	19°02'58"	04°42'57"	-01°43'50"	0.003
09/05/2047 00:00:00	X	00°23'33" ♃	05°52'38"	-06°06'36"	00°00'38"	94.204
09/05/2047 00:00:00	Y	15°38'40" ♃	11°41'19"	-11°01'51"	00°00'46"	79.421
10/05/2047 00:00:00	♃	19°17'43" ♃	17°32'47"	-00°00'00"	00°58'00"	1.009
10/05/2047 00:00:00	♃	22°36'54" ♃	-22°26'24"	-04°09'35"	15°11'38"	0.002
10/05/2047 00:00:00	♃	05°52'27" ♃	23°15'40"	02°00'39"	01°47'24"	1.119
10/05/2047 00:00:00	♃	03°38'19" ♃	26°12'56" ♃	02°49'58"	01°03'55"	0.858
10/05/2047 00:00:00	♃	01°53'06" ♃	20°55'04"	00°23'29"	00°42'11"	2.488
10/05/2047 00:00:00	♃	06°15'13" ♃	12°39'16"	-01°00'13"	00°14'11"	5.942
10/05/2047 00:00:00	♃	04°03'09" ♃	-22°16'40"	01°05'39"	-00°02'27"	9.304
10/05/2047 00:00:00	♃	02°14'57" ♃	11°23'38"	00°46'27"	00°00'00"	18.058
10/05/2047 00:00:00	♃	19°03'17" ♃	15°50'56"	-01°41'46"	00°02'15"	30.824

Ephemerides year 2047

10/05/2047 00:00:00	♁	06°36'26" ♈	-20°15'04"	-12°03'41"	00°00'40"	41.097
10/05/2047 00:00:00	♁	17°36'10" ♈	-22°16'33"	00°00'00"	-00°07'44"	0.003
10/05/2047 00:00:00	♁	19°14'40" ♈	-08°26'53"	-00°59'24"	-00°03'36"	7.635
10/05/2047 00:00:00	♁	00°10'40" ♈	16°15'20"	05°03'05"	00°06'43"	0.003
10/05/2047 00:00:00	♁	17°36'10" ♈	-22°16'33"	00°00'00"	-00°07'44"	0.003
10/05/2047 00:00:00	♁	07°32'57" ♈	18°31'59"	04°46'18"	-01°47'19"	0.003
10/05/2047 00:00:00	X	00°24'11" ♈	05°52'52"	-06°06'35"	00°00'38"	94.199
10/05/2047 00:00:00	Y	15°39'27" ♀	11°41'28"	-11°01'47"	00°00'47"	79.428
11/05/2047 00:00:00	♁	20°15'42" ♈	17°48'25"	-00°00'00"	00°57'58"	1.010
11/05/2047 00:00:00	♁	07°41'35" ♈	-24°48'09"	0-03°15'32"	14°56'10"	0.002
11/05/2047 00:00:00	♁	07°38'16" ♀	23°39'26"	02°06'24"	01°44'12"	1.098
11/05/2047 00:00:00	♁	04°42'06" ♀	26°11'55"	02°51'01"	01°03'39"	0.850
11/05/2047 00:00:00	♁	02°35'16" ♀	21°03'59"	00°24'04"	00°42'08"	2.491
11/05/2047 00:00:00	♁	06°29'24" ♈	12°43'55"	-01°00'12"	00°14'10"	5.938
11/05/2047 00:00:00	♁	04°00'39" ♈	-22°16'44"	01°05'40"	-00°02'32"	9.292
11/05/2047 00:00:00	♁	02°14'59" ♀	11°23'35"	00°46'24"	00°00'03"	18.074
11/05/2047 00:00:00	♁	19°05'33" ♈	15°51'33"	-01°41'45"	00°02'15"	30.824
11/05/2047 00:00:00	♁	06°37'06" ♈	-20°15'07"	-12°04'00"	00°00'39"	41.082
11/05/2047 00:00:00	♁	17°29'20" ♈	-22°17'26"	00°00'00"	-00°05'48"	0.003

Ephemerides year 2047

11/05/2047 00:00:00	♁	19°11'06" ♁	-08°25'08"	-00°58'58"	-00°03'31"	7.643
11/05/2047 00:00:00	♁	00°17'23" ♁	16°17'35"	05°02'55"	00°06'43"	0.003
11/05/2047 00:00:00	♁	17°29'20" ♁	-22°17'26"	00°00'00"	-00°05'48"	0.003
11/05/2047 00:00:00	♁	05°36'54" ♁	17°56'33"	04°49'58"	-02°06'51"	0.003
11/05/2047 00:00:00	X	00°24'49" ♁	05°53'06"	-06°06'34"	00°00'38"	94.193
11/05/2047 00:00:00	Y	15°40'14" ♁	11°41'37"	-11°01'42"	00°00'47"	79.435
12/05/2047 00:00:00	♁	21°13'40" ♁	18°03'45"	-00°00'00"	00°57'57"	1.010
12/05/2047 00:00:00	♁	22°26'39" ♁	-25°22'12"	o-02°09'18"	14°32'54"	0.002
12/05/2047 00:00:00	♁	09°20'50" ♁	24°00'42"	o 02°11'24"	01°40'54"	1.076
12/05/2047 00:00:00	♁	05°45'37" ♁	26°10'18"	o 02°51'57"	01°03'22"	0.842
12/05/2047 00:00:00	♁	03°17'23" ♁	21°12'43"	00°24'38"	00°42'05"	2.494
12/05/2047 00:00:00	♁	06°43'34" ♁	12°48'34"	-01°00'12"	00°14'09"	5.935
12/05/2047 00:00:00	♁	03°58'05" ♁	-22°16'49"	01°05'40"	-00°02'36"	9.281
12/05/2047 00:00:00	♁	02°15'04" ♁	11°23'31"	00°46'22"	00°00'07"	18.091
12/05/2047 00:00:00	♁	19°07'48" ♁	15°52'09"	-01°41'45"	00°02'15"	30.824
12/05/2047 00:00:00	♁	06°37'44" ♁	-20°15'10"	-12°04'20"	00°00'37"	41.067
12/05/2047 00:00:00	♁	17°24'40" ♁	-22°18'02"	00°00'00"	-00°03'28"	0.003
12/05/2047 00:00:00	♁	19°07'37" ♁	-08°23'24"	-00°58'32"	-00°03'27"	7.652
12/05/2047 00:00:00	♁	00°24'07" ♁	16°19'49"	05°02'44"	00°06'43"	0.003

Ephemerides year 2047

12/05/2047 00:00:00	T♄	17°24'40" ♉	-22°18'02"	00°00'00"	-00°03'28"	0.003
12/05/2047 00:00:00	T♄	03°17'19" ♉	17°12'34"	04°54'04"	-02°31'55"	0.003
12/05/2047 00:00:00	X	00°25'27" ♉	05°53'19"	-06°06'33"	00°00'37"	94.187
12/05/2047 00:00:00	Y	15°41'01" ♉	11°41'46"	-11°01'38"	00°00'47"	79.442
13/05/2047 00:00:00	♁	22°11'37" ♉	18°18'47"	-00°00'00"	00°57'55"	1.010
13/05/2047 00:00:00	♂	06°45'56" ♉	-24°12'07"	00°56'31"	14°05'13"	0.002
13/05/2047 00:00:00	♀	11°00'03" ♉	24°19'30"	02°15'35"	01°37'30"	1.054
13/05/2047 00:00:00	♀	06°48'52" ♉	26°08'03"	02°52'46"	01°03'06"	0.834
13/05/2047 00:00:00	♂	03°59'28" ♉	21°21'14"	00°25'12"	00°42'03"	2.497
13/05/2047 00:00:00	♃	06°57'42" ♉	12°53'11"	-01°00'12"	00°14'07"	5.931
13/05/2047 00:00:00	♃	03°55'26" ♉	-22°16'53"	01°05'40"	-00°02'41"	9.269
13/05/2047 00:00:00	♃	02°15'13" ♉	11°23'26"	00°46'19"	00°00'10"	18.107
13/05/2047 00:00:00	♃	19°10'04" ♉	15°52'46"	-01°41'45"	00°02'15"	30.823
13/05/2047 00:00:00	♃	06°38'21" ♉	-20°15'14"	-12°04'40"	00°00'36"	41.051
13/05/2047 00:00:00	♁	17°22'19" ♉	-22°18'21"	00°00'00"	-00°01'17"	0.003
13/05/2047 00:00:00	♃	19°04'12" ♉	-08°21'42"	-00°58'06"	-00°03'22"	7.661
13/05/2047 00:00:00	♃	00°30'50" ♉	16°22'03"	05°02'34"	00°06'43"	0.003
13/05/2047 00:00:00	T♄	17°22'19" ♉	-22°18'21"	00°00'00"	-00°01'17"	0.003
13/05/2047 00:00:00	T♄	00°36'41" ♉	16°20'04"	04°58'13"	-02°46'11"	0.003

Ephemerides year 2047

13/05/2047 00:00:00	X	00°26'05" ♃	05°53'33"	-06°06'32"	00°00'37"	94.181
13/05/2047 00:00:00	Y	15°41'49" ♌	11°41'55"	-11°01'34"	00°00'48"	79.449
14/05/2047 00:00:00	☉	23°09'32" ♃	18°33'30"	00°00'00"	00°57'54"	1.010
14/05/2047 00:00:00	☾	20°36'44" ♎	-21°33'58"	00°17'25"	13°36'26"	0.003
14/05/2047 00:00:00	♀	12°35'49" ♌	24°35'54" ○	02°18'57"	01°34'01"	1.032
14/05/2047 00:00:00	♀	07°51'50" ♉	26°05'11" ○	02°53'28"	01°02'49"	0.826
14/05/2047 00:00:00	♂	04°41'30" ♌	21°29'34"	00°25'45"	00°42'00"	2.500
14/05/2047 00:00:00	♃	07°11'49" ♃	12°57'47"	-01°00'12"	00°14'06"	5.928
14/05/2047 00:00:00	♅	03°52'42" ♎	-22°16'58"	01°05'40"	-00°02'46"	9.258
14/05/2047 00:00:00	♁	02°15'25" ♉	11°23'19"	00°46'17"	00°00'13"	18.124
14/05/2047 00:00:00	♃	19°12'19" ♃	15°53'22"	-01°41'45"	00°02'15"	30.822
14/05/2047 00:00:00	♃	06°38'57" ♉	-20°15'19"	-12°05'00"	00°00'34"	41.036
14/05/2047 00:00:00	♁	17°21'54" ♎	-22°18'24"	00°00'00"	00°00'18"	0.003
14/05/2047 00:00:00	♃	19°00'52" ♉	-08°20'02"	-00°57'39"	-00°03'17"	7.670
14/05/2047 00:00:00	♃	00°37'34" ♃	16°24'16"	05°02'23"	00°06'43"	0.003
14/05/2047 00:00:00	T♁	17°21'54" ♎	-22°18'24"	00°00'00"	00°00'18"	0.003
14/05/2047 00:00:00	T♃	27°53'02" ♉	15°24'32"	05°01'44"	-02°36'37"	0.003
14/05/2047 00:00:00	X	00°26'42" ♃	05°53'46"	-06°06'32"	00°00'37"	94.174
14/05/2047 00:00:00	Y	15°42'37" ♌	11°42'04"	-11°01'30"	00°00'48"	79.455

Ephemerides year 2047

15/05/2047 00:00:00	♁	24°07'26" ♈	18°47'55"	00°00'00"	00°57'53"	1.011
15/05/2047 00:00:00	♃	03°59'19" ♊	-17°49'35"	01°28'03"	13°09'11"	0.003
15/05/2047 00:00:00	♆	14°08'04" ♋	24°49'57" ♁	02°21'29"	01°30'27"	1.010
15/05/2047 00:00:00	♀	08°54'30" ♉	26°01'44" ♁	02°54'03"	01°02'31"	0.819
15/05/2047 00:00:00	♂	05°23'28" ♋	21°37'42"	00°26'19"	00°41'57"	2.503
15/05/2047 00:00:00	♃	07°25'55" ♈	13°02'21"	-01°00'12"	00°14'04"	5.924
15/05/2047 00:00:00	♅	03°49'53" ♌	-22°17'03"	01°05'40"	-00°02'51"	9.248
15/05/2047 00:00:00	♁	02°15'40" ♋	11°23'11"	00°46'15"	00°00'16"	18.140
15/05/2047 00:00:00	♆	19°14'34" ♈	15°53'59"	-01°41'45"	00°02'15"	30.821
15/05/2047 00:00:00	♃	06°39'31" ♋	-20°15'25"	-12°05'20"	00°00'33"	41.020
15/05/2047 00:00:00	♁	17°22'39" ♌	-22°18'18"	00°00'00"	00°01'01"	0.003
15/05/2047 00:00:00	♆	18°57'36" ♌	-08°18'23"	-00°57'13"	-00°03'13"	7.680
15/05/2047 00:00:00	♁	00°44'17" ♈	16°26'29"	05°02'12"	00°06'43"	0.003
15/05/2047 00:00:00	♁	17°22'39" ♌	-22°18'18"	00°00'00"	00°01'01"	0.003
15/05/2047 00:00:00	♃	25°32'01" ♋	14°35'09"	05°04'10"	-02°01'44"	0.003
15/05/2047 00:00:00	X	00°27'19" ♈	05°54'00"	-06°06'31"	00°00'37"	94.167
15/05/2047 00:00:00	Y	15°43'26" ♋	11°42'12"	-11°01'26"	00°00'48"	79.461
16/05/2047 00:00:00	♁	25°05'18" ♈	19°02'01"	00°00'00"	00°57'51"	1.011
16/05/2047 00:00:00	♃	16°56'15" ♊	-13°20'26"	02°31'55"	12°45'18"	0.003

Ephemerides year 2047

16/05/2047 00:00:00	♀	15°36'44" ♀	25°01'45" ♀	02°23'09"	01°26'51"	0.987
16/05/2047 00:00:00	♀	09°56'52" ♀	25°57'40" ♀	02°54'30"	01°02'13"	0.811
16/05/2047 00:00:00	♂	06°05'25" ♀	21°45'37"	00°26'52"	00°41'54"	2.506
16/05/2047 00:00:00	♃	07°39'58" ♂	13°06'54"	-01°00'12"	00°14'02"	5.919
16/05/2047 00:00:00	♃	03°46'59" ♂	-22°17'08"	01°05'40"	-00°02'55"	9.237
16/05/2047 00:00:00	♃	02°15'58" ♀	11°23'03"	00°46'12"	00°00'19"	18.157
16/05/2047 00:00:00	♃	19°16'49" ♂	15°54'35"	-01°41'46"	00°02'14"	30.820
16/05/2047 00:00:00	♃	06°40'04" ♀	-20°15'31"	-12°05'40"	00°00'32"	41.005
16/05/2047 00:00:00	♃	17°23'36" ♂	-22°18'11"	00°00'00"	00°00'44"	0.003
16/05/2047 00:00:00	♃	18°54'26" ♀	-08°16'46"	-00°56'47"	-00°03'08"	7.689
16/05/2047 00:00:00	♃	00°51'00" ♂	16°28'42"	05°02'02"	00°06'43"	0.003
16/05/2047 00:00:00	♃	17°23'36" ♂	-22°18'11"	00°00'00"	00°00'44"	0.003
16/05/2047 00:00:00	♃	23°54'46" ♀	14°00'15"	05°05'30"	-01°11'21"	0.003
16/05/2047 00:00:00	X	00°27'56" ♂	05°54'13"	-06°06'31"	00°00'36"	94.160
16/05/2047 00:00:00	Y	15°44'15" ♀	11°42'21"	-11°01'23"	00°00'48"	79.467
17/05/2047 00:00:00	♃	26°03'10" ♂	19°15'47"	00°00'00"	00°57'50"	1.011
17/05/2047 00:00:00	♃	29°31'23" ♀	-08°24'32"	03°26'34"	12°25'44"	0.003
17/05/2047 00:00:00	♀	17°01'45" ♀	25°11'22" ♀	02°23'57"	01°23'10"	0.965
17/05/2047 00:00:00	♀	10°58'57" ♀	25°53'01" ♀	02°54'50"	01°01'55"	0.803

Ephemerides year 2047

17/05/2047 00:00:00	♂	06°47'18" ♀	21°53'20"	00°27'25"	00°41'52"	2.509
17/05/2047 00:00:00	♃	07°54'00" ♂	13°11'25"	-01°00'12"	00°14'00"	5.915
17/05/2047 00:00:00	♅	03°44'02" ♁	-22°17'13"	01°05'40"	-00°03'00"	9.227
17/05/2047 00:00:00	♁	02°16'19" ♃	11°22'53"	00°46'10"	00°00'22"	18.173
17/05/2047 00:00:00	♆	19°19'04" ♂	15°55'11"	-01°41'46"	00°02'14"	30.818
17/05/2047 00:00:00	♁	06°40'35" ♃	-20°15'37"	-12°06'00"	00°00'30"	40.989
17/05/2047 00:00:00	♁	17°23'50" ♁	-22°18'09"	00°00'00"	-00°00'25"	0.003
17/05/2047 00:00:00	♃	18°51'20" ♃	-08°15'11"	-00°56'20"	-00°03'03"	7.699
17/05/2047 00:00:00	♁	00°57'43" ♂	16°30'55"	05°01'50"	00°06'43"	0.003
17/05/2047 00:00:00	♁♁	17°23'50" ♁	-22°18'09"	00°00'00"	-00°00'25"	0.003
17/05/2047 00:00:00	♁♃	23°09'57" ♃	13°43'56"	05°05'57"	-00°18'55"	0.003
17/05/2047 00:00:00	X	00°28'33" ♂	05°54'26"	-06°06'30"	00°00'36"	94.153
17/05/2047 00:00:00	Y	15°45'03" ♀	11°42'29"	-11°01'19"	00°00'48"	79.472
18/05/2047 00:00:00	♁	27°01'00" ♂	19°29'14"	00°00'00"	00°57'49"	1.011
18/05/2047 00:00:00	♃	11°49'16" ♃	-03°16'01"	04°10'19"	12°10'48"	0.003
18/05/2047 00:00:00	♁	18°23'04" ♀	25°18'52" ○	02°23'51"	01°19'27"	0.943
18/05/2047 00:00:00	♀	12°00'43" ♁	25°47'46" ○	02°55'01"	01°01'36"	0.795
18/05/2047 00:00:00	♂	07°29'09" ♀	22°00'51"	00°27'58"	00°41'49"	2.512
18/05/2047 00:00:00	♃	08°08'00" ♂	13°15'55"	-01°00'13"	00°13'59"	5.910

Ephemerides year 2047

18/05/2047 00:00:00	♃	03°40'59" ♏	-22°17'19"	01°05'39"	-00°03'04"	9.217
18/05/2047 00:00:00	♅	02°16'44" ♍	11°22'42"	00°46'07"	00°00'26"	18.190
18/05/2047 00:00:00	♆	19°21'18" ♏	15°55'47"	-01°41'46"	00°02'14"	30.817
18/05/2047 00:00:00	♁	06°41'05" ♉	-20°15'45"	-12°06'21"	00°00'29"	40.974
18/05/2047 00:00:00	♄	17°22'33" ♏	-22°18'19"	00°00'00"	-00°02'12"	0.003
18/05/2047 00:00:00	♁	18°48'20" ♉	-08°13'38"	-00°55'54"	-00°02'57"	7.709
18/05/2047 00:00:00	♁	01°04'27" ♏	16°33'07"	05°01'39"	00°06'43"	0.003
18/05/2047 00:00:00	♄	17°22'33" ♏	-22°18'19"	00°00'00"	-00°02'12"	0.003
18/05/2047 00:00:00	♁	23°14'10" ♉	13°45'22"	05°05'49"	00°25'25"	0.003
18/05/2047 00:00:00	X	00°29'09" ♏	05°54'39"	-06°06'30"	00°00'36"	94.145
18/05/2047 00:00:00	Y	15°45'53" ♀	11°42'37"	-11°01'16"	00°00'49"	79.477
19/05/2047 00:00:00	♁	27°58'49" ♏	19°42'21"	00°00'00"	00°57'48"	1.011
19/05/2047 00:00:00	♃	23°54'30" ♉	01°53'56"	04°42'04"	12°00'22"	0.003
19/05/2047 00:00:00	♁	19°40'38" ♀	25°24'23" ♁	02°22'51"	01°15'40"	0.922
19/05/2047 00:00:00	♁	13°02'09" ♁	25°41'57" ♁	02°55'05"	01°01'16"	0.787
19/05/2047 00:00:00	♁	08°10'57" ♀	22°08'09"	00°28'31"	00°41'46"	2.515
19/05/2047 00:00:00	♁	08°21'59" ♏	13°20'24"	-01°00'13"	00°13'57"	5.906
19/05/2047 00:00:00	♃	03°37'53" ♏	-22°17'24"	01°05'39"	-00°03'08"	9.207
19/05/2047 00:00:00	♅	02°17'12" ♍	11°22'29"	00°46'05"	00°00'29"	18.206

Ephemerides year 2047

19/05/2047 00:00:00	♁	19°23'33" ♉	15°56'23"	-01°41'46"	00°02'14"	30.814
19/05/2047 00:00:00	♁	06°41'33" ♉	-20°15'53"	-12°06'41"	00°00'27"	40.958
19/05/2047 00:00:00	♁	17°19'19" ♉	-22°18'44"	00°00'00"	-00°04'16"	0.003
19/05/2047 00:00:00	♁	18°45'25" ♉	-08°12'07"	-00°55'28"	-00°02'52"	7.720
19/05/2047 00:00:00	♁	01°11'10" ♉	16°35'19"	05°01'28"	00°06'43"	0.003
19/05/2047 00:00:00	T♁	17°19'19" ♉	-22°18'44"	00°00'00"	-00°04'16"	0.003
19/05/2047 00:00:00	T♁	23°56'29" ♉	14°00'38"	05°05'13"	00°56'55"	0.003
19/05/2047 00:00:00	X	00°29'45" ♉	05°54'51"	-06°06'29"	00°00'35"	94.138
19/05/2047 00:00:00	Y	15°46'42" ♉	11°42'45"	-11°01'12"	00°00'49"	79.482
20/05/2047 00:00:00	♁	28°56'36" ♉	19°55'07"	00°00'00"	00°57'47"	1.012
20/05/2047 00:00:00	♁	05°51'24" ♉	06°55'54"	05°01'06"	11°54'03"	0.003
20/05/2047 00:00:00	♁	20°54'25" ♉	25°27'58" ♁	02°20'58"	01°11'50"	0.900
20/05/2047 00:00:00	♁	14°03'16" ♉	25°35'35" ♁	02°55'00"	01°00'56"	0.779
20/05/2047 00:00:00	♁	08°52'43" ♉	22°15'15"	00°29'04"	00°41'44"	2.518
20/05/2047 00:00:00	♁	08°35'55" ♉	13°24'51"	-01°00'14"	00°13'55"	5.901
20/05/2047 00:00:00	♁	03°34'42" ♉	-22°17'30"	01°05'38"	-00°03'12"	9.197
20/05/2047 00:00:00	♁	02°17'42" ♉	11°22'16"	00°46'02"	00°00'32"	18.223
20/05/2047 00:00:00	♁	19°25'47" ♉	15°56'59"	-01°41'47"	00°02'13"	30.812
20/05/2047 00:00:00	♁	06°42'00" ♉	-20°16'01"	-12°07'01"	00°00'26"	40.942

Ephemerides year 2047

20/05/2047 00:00:00	♁	17°14'02" ♁	-22°19'24"	00°00'00"	-00°06'14"	0.003
20/05/2047 00:00:00	♋	18°42'35" ♁	-08°10'38"	-00°55'01"	-00°02'47"	7.731
20/05/2047 00:00:00	♌	01°17'53" ♁	16°37'31"	05°01'16"	00°06'43"	0.003
20/05/2047 00:00:00	T♁	17°14'02" ♁	-22°19'24"	00°00'00"	-00°06'14"	0.003
20/05/2047 00:00:00	T♌	25°03'40" ♁	14°24'44"	05°04'16"	01°15'26"	0.003
20/05/2047 00:00:00	X	00°30'21" ♁	05°55'04"	-06°06'29"	00°00'35"	94.129
20/05/2047 00:00:00	Y	15°47'31" ♁	11°42'53"	-11°01'09"	00°00'49"	79.487
21/05/2047 00:00:00	♃	29°54'23" ♁	20°07'34"	00°00'00"	00°57'45"	1.012
21/05/2047 00:00:00	♄	17°43'46" ♁	11°40'51"	05°07'02"	11°51'14"	0.003
21/05/2047 00:00:00	♅	22°04'19" ♁	25°29'43" ♁	02°18'10"	01°07'57"	0.879
21/05/2047 00:00:00	♆	15°04'03" ♁	25°28'38" ♁	02°54'47"	01°00'36"	0.771
21/05/2047 00:00:00	♇	09°34'25" ♁	22°22'09"	00°29'36"	00°41'41"	2.521
21/05/2047 00:00:00	♈	08°49'49" ♁	13°29'16"	-01°00'15"	00°13'53"	5.896
21/05/2047 00:00:00	♉	03°31'27" ♁	-22°17'36"	01°05'38"	-00°03'16"	9.188
21/05/2047 00:00:00	♊	02°18'17" ♁	11°22'02"	00°46'00"	00°00'35"	18.240
21/05/2047 00:00:00	♋	19°28'01" ♁	15°57'34"	-01°41'47"	00°02'13"	30.809
21/05/2047 00:00:00	♌	06°42'26" ♁	-20°16'10"	-12°07'22"	00°00'24"	40.927
21/05/2047 00:00:00	♁	17°06'59" ♁	-22°20'18"	00°00'00"	-00°07'45"	0.003
21/05/2047 00:00:00	♋	18°39'50" ♁	-08°09'11"	-00°54'35"	-00°02'41"	7.741

Ephemerides year 2047

21/05/2047 00:00:00	☾	01°24'36" ♉	16°39'42"	05°01'05"	00°06'43"	0.003
21/05/2047 00:00:00	♁	17°06'59" ♉	-22°20'18"	00°00'00"	-00°07'45"	0.003
21/05/2047 00:00:00	♁	26°24'11" ♉	14°53'18"	05°03'03"	01°24'30"	0.003
21/05/2047 00:00:00	X	00°30'56" ♉	05°55'16"	-06°06'29"	00°00'35"	94.121
21/05/2047 00:00:00	Y	15°48'21" ♉	11°43'01"	-11°01'06"	00°00'49"	79.492
22/05/2047 00:00:00	☉	00°52'08" ♉	20°19'39"	00°00'00"	00°57'44"	1.012
22/05/2047 00:00:00	☾	29°34'50" ♉	15°59'26"	04°59'46"	11°51'18"	0.003
22/05/2047 00:00:00	♁	23°10'19" ♉	25°29'44"	02°14'27"	01°04'01"	0.858
22/05/2047 00:00:00	♀	16°04'28" ♉	25°21'09"	02°54'26"	01°00'15"	0.762
22/05/2047 00:00:00	♂	10°16'06" ♉	22°28'50"	00°30'08"	00°41'38"	2.524
22/05/2047 00:00:00	♃	09°03'41" ♉	13°33'40"	-01°00'15"	00°13'51"	5.890
22/05/2047 00:00:00	♅	03°28'08" ♉	-22°17'42"	01°05'37"	-00°03'20"	9.179
22/05/2047 00:00:00	♁	02°18'54" ♉	11°21'46"	00°45'58"	00°00'39"	18.257
22/05/2047 00:00:00	♁	19°30'14" ♉	15°58'10"	-01°41'48"	00°02'13"	30.806
22/05/2047 00:00:00	♁	06°42'50" ♉	-20°16'20"	-12°07'43"	00°00'23"	40.911
22/05/2047 00:00:00	♁	16°58'44" ♉	-22°21'20"	00°00'00"	-00°08'35"	0.003
22/05/2047 00:00:00	♁	18°37'11" ♉	-08°07'46"	-00°54'08"	-00°02'36"	7.752
22/05/2047 00:00:00	☾	01°31'19" ♉	16°41'53"	05°00'53"	00°06'43"	0.003
22/05/2047 00:00:00	♁	16°58'44" ♉	-22°21'20"	00°00'00"	-00°08'35"	0.003

Ephemerides year 2047

22/05/2047 00:00:00	T♄	27°51'45" ♈	15°23'59"	05°01'38"	01°30'51"	0.003
22/05/2047 00:00:00	X	00°31'32" ♈	05°55'28"	-06°06'29"	00°00'35"	94.113
22/05/2047 00:00:00	Y	15°49'11" ♉	11°43'09"	-11°01'03"	00°00'50"	79.496
23/05/2047 00:00:00	☉	01°49'52" ♉	20°31'24"	00°00'00"	00°57'43"	1.012
23/05/2047 00:00:00	☾	11°27'10" ♈	19°41'26"	04°39'35"	11°53'41"	0.003
23/05/2047 00:00:00	♀	24°12'20" ♉	25°28'06" ○	02°09'48"	01°00'00"	0.838
23/05/2047 00:00:00	♀	17°04'33" ♉	25°13'07" ○	02°53'56"	00°59'53"	0.754
23/05/2047 00:00:00	♂	10°57'43" ♉	22°35'18"	00°30'40"	00°41'36"	2.526
23/05/2047 00:00:00	♃	09°17'31" ♈	13°38'02"	-01°00'16"	00°13'48"	5.885
23/05/2047 00:00:00	♅	03°24'45" ♉	-22°17'48"	01°05'36"	-00°03'24"	9.170
23/05/2047 00:00:00	♁	02°19'35" ♉	11°21'29"	00°45'55"	00°00'42"	18.273
23/05/2047 00:00:00	♃	19°32'27" ♈	15°58'45"	-01°41'48"	00°02'13"	30.803
23/05/2047 00:00:00	♁	06°43'12" ♉	-20°16'30"	-12°08'03"	00°00'21"	40.895
23/05/2047 00:00:00	♁	16°50'05" ♉	-22°22'25"	00°00'00"	-00°08'34"	0.003
23/05/2047 00:00:00	♁	18°34'38" ♉	-08°06'23"	-00°53'42"	-00°02'30"	7.764
23/05/2047 00:00:00	♁	01°38'02" ♈	16°44'04"	05°00'41"	00°06'43"	0.003
23/05/2047 00:00:00	T♁	16°50'05" ♉	-22°22'25"	00°00'00"	-00°08'34"	0.003
23/05/2047 00:00:00	T♄	29°27'58" ♈	15°57'11"	05°00'00"	01°43'18"	0.003
23/05/2047 00:00:00	X	00°32'07" ♈	05°55'40"	-06°06'29"	00°00'34"	94.104

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23/05/2047 00:00:00	Y	15°50'02" ♀	11°43'17"	-11°01'00"	00°00'50"	79.500
24/05/2047 00:00:00	☉	02°47'35" ♀	20°42'48"	00°00'00"	00°57'42"	1.012
24/05/2047 00:00:00	☾	23°22'50" ♂	22°35'52"	04°07'06"	11°57'54"	0.003
24/05/2047 00:00:00	♁	25°10'19" ♀	25°24'55" ○	02°04'15"	00°55'56"	0.818
24/05/2047 00:00:00	♂	18°04'15" ♄	25°04'34" ○	02°53'17"	00°59'30"	0.746
24/05/2047 00:00:00	♂	11°39'18" ♀	22°41'34"	00°31'12"	00°41'33"	2.529
24/05/2047 00:00:00	♃	09°31'19" ♂	13°42'23"	-01°00'17"	00°13'46"	5.879
24/05/2047 00:00:00	♅	03°21'19" ♁	-22°17'54"	01°05'35"	-00°03'28"	9.161
24/05/2047 00:00:00	♁	02°20'18" ♃	11°21'11"	00°45'53"	00°00'45"	18.290
24/05/2047 00:00:00	♁	19°34'40" ♂	15°59'20"	-01°41'49"	00°02'12"	30.799
24/05/2047 00:00:00	♁	06°43'33" ♃	-20°16'41"	-12°08'24"	00°00'20"	40.879
24/05/2047 00:00:00	♁	16°41'51" ♁	-22°23'26"	00°00'00"	-00°07'45"	0.003
24/05/2047 00:00:00	♁	18°32'10" ♃	-08°05'02"	-00°53'15"	-00°02'24"	7.775
24/05/2047 00:00:00	♁	01°44'46" ♂	16°46'15"	05°00'29"	00°06'43"	0.003
24/05/2047 00:00:00	T♁	16°41'51" ♁	-22°23'26"	00°00'00"	-00°07'45"	0.003
24/05/2047 00:00:00	T♁	01°22'59" ♂	16°36'05"	04°57'50"	02°09'22"	0.003
24/05/2047 00:00:00	X	00°32'41" ♂	05°55'52"	-06°06'28"	00°00'34"	94.095
24/05/2047 00:00:00	Y	15°50'52" ♀	11°43'24"	-11°00'58"	00°00'50"	79.503
25/05/2047 00:00:00	☉	03°45'17" ♀	20°53'50"	00°00'00"	00°57'41"	1.013

Ephemerides year 2047

25/05/2047 00:00:00	♃	05°23'29" ♀	24°31'53" ○	03°23'24"	12°03'39"	0.003
25/05/2047 00:00:00	♃	26°04'12" ♀	25°20'15" ○	01°57'47"	00°51'48"	0.799
25/05/2047 00:00:00	♃	19°03'34" ♀	24°55'30" ○	02°52'29"	00°59'07"	0.738
25/05/2047 00:00:00	♃	12°20'51" ♀	22°47'37"	00°31'43"	00°41'31"	2.532
25/05/2047 00:00:00	♃	09°45'05" ♀	13°46'42"	-01°00'18"	00°13'44"	5.873
25/05/2047 00:00:00	♃	03°17'49" ♀	-22°18'00"	01°05'34"	-00°03'32"	9.153
25/05/2047 00:00:00	♃	02°21'06" ♀	11°20'52"	00°45'50"	00°00'48"	18.307
25/05/2047 00:00:00	♃	19°36'53" ♀	15°59'54"	-01°41'50"	00°02'12"	30.796
25/05/2047 00:00:00	♃	06°43'53" ♀	-20°16'53"	-12°08'44"	00°00'18"	40.863
25/05/2047 00:00:00	♃	16°34'47" ♀	-22°24'18"	00°00'00"	-00°06'16"	0.003
25/05/2047 00:00:00	♃	18°29'48" ♀	-08°03'44"	-00°52'49"	-00°02'18"	7.787
25/05/2047 00:00:00	♃	01°51'29" ♀	16°48'25"	05°00'16"	00°06'43"	0.003
25/05/2047 00:00:00	♃	16°34'47" ♀	-22°24'18"	00°00'00"	-00°06'16"	0.003
25/05/2047 00:00:00	♃	03°51'44" ♀	17°24'56"	04°54'33"	02°50'10"	0.003
25/05/2047 00:00:00	♃	00°33'16" ♀	05°56'04"	-06°06'28"	00°00'34"	94.085
25/05/2047 00:00:00	♃	15°51'43" ♀	11°43'31"	-11°00'55"	00°00'50"	79.507
26/05/2047 00:00:00	♃	04°42'58" ♀	21°04'30"	00°00'00"	00°57'39"	1.013
26/05/2047 00:00:00	♃	17°30'37" ♀	25°20'14" ○	02°30'04"	12°10'50"	0.003
26/05/2047 00:00:00	♃	26°53'54" ♀	25°14'13" ○	01°50'24"	00°47'35"	0.780

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26/05/2047 00:00:00	♀	20°02'29" ♃	24°45'55" ♁	02°51'31"	00°58'43"	0.730
26/05/2047 00:00:00	♂	13°02'20" ♁	22°53'28"	00°32'15"	00°41'28"	2.534
26/05/2047 00:00:00	♃	09°58'48" ♃	13°51'00"	-01°00'20"	00°13'41"	5.867
26/05/2047 00:00:00	♃	03°14'15" ♃	-22°18'06"	01°05'33"	-00°03'35"	9.144
26/05/2047 00:00:00	♃	02°21'56" ♃	11°20'31"	00°45'48"	00°00'51"	18.323
26/05/2047 00:00:00	♃	19°39'05" ♃	16°00'29"	-01°41'50"	00°02'11"	30.792
26/05/2047 00:00:00	♃	06°44'11" ♃	-20°17'05"	-12°09'05"	00°00'17"	40.847
26/05/2047 00:00:00	♃	16°29'26" ♃	-22°24'58"	00°00'00"	-00°04'22"	0.003
26/05/2047 00:00:00	♃	18°27'33" ♃	-08°02'28"	-00°52'22"	-00°02'12"	7.799
26/05/2047 00:00:00	♃	01°58'12" ♃	16°50'35"	05°00'04"	00°06'43"	0.003
26/05/2047 00:00:00	T♃	16°29'26" ♃	-22°24'58"	00°00'00"	-00°04'22"	0.003
26/05/2047 00:00:00	T♃	07°05'35" ♃	18°25'50"	04°49'25"	03°37'28"	0.003
26/05/2047 00:00:00	X	00°33'50" ♃	05°56'16"	-06°06'29"	00°00'33"	94.076
26/05/2047 00:00:00	Y	15°52'34" ♁	11°43'39"	-11°00'53"	00°00'51"	79.510
27/05/2047 00:00:00	♁	05°40'37" ♁	21°14'49"	00°00'00"	00°57'38"	1.013
27/05/2047 00:00:00	♁	29°45'42" ♁	24°55'07" ♁	01°29'06"	12°19'36"	0.003
27/05/2047 00:00:00	♁	27°39'21" ♁	25°06'52" ♁	01°42'06"	00°43'18"	0.761
27/05/2047 00:00:00	♀	21°01'00" ♃	24°35'51" ♁	02°50'25"	00°58'18"	0.722
27/05/2047 00:00:00	♂	13°43'47" ♁	22°59'06"	00°32'46"	00°41'25"	2.537

Ephemerides year 2047

27/05/2047 00:00:00	♃	10°12'28" ♉	13°55'15"	-01°00'21"	00°13'39"	5.861
27/05/2047 00:00:00	♅	03°10'38" ♋	-22°18'13"	01°05'31"	-00°03'38"	9.137
27/05/2047 00:00:00	♆	02°22'49" ♌	11°20'10"	00°45'45"	00°00'55"	18.340
27/05/2047 00:00:00	♁	19°41'16" ♈	16°01'04"	-01°41'51"	00°02'11"	30.787
27/05/2047 00:00:00	♂	06°44'28" ♌	-20°17'18"	-12°09'26"	00°00'16"	40.831
27/05/2047 00:00:00	♁	16°26'05" ♋	-22°25'22"	00°00'00"	-00°02'20"	0.003
27/05/2047 00:00:00	♆	18°25'23" ♌	-08°01'14"	-00°51'56"	-00°02'06"	7.811
27/05/2047 00:00:00	♁	02°04'55" ♈	16°52'45"	04°59'51"	00°06'43"	0.003
27/05/2047 00:00:00	♁♁	16°26'05" ♋	-22°25'22"	00°00'00"	-00°02'20"	0.003
27/05/2047 00:00:00	♁♃	11°04'00" ♈	19°36'09"	04°41'45"	04°16'43"	0.003
27/05/2047 00:00:00	X	00°34'23" ♈	05°56'27"	-06°06'29"	00°00'33"	94.066
27/05/2047 00:00:00	Y	15°53'25" ♉	11°43'46"	-11°00'51"	00°00'51"	79.513
28/05/2047 00:00:00	♁	06°38'15" ♉	21°24'46"	00°00'00"	00°57'37"	1.013
28/05/2047 00:00:00	♃	12°10'25" ♋	23°15'30"	00°23'00"	12°30'11"	0.003
28/05/2047 00:00:00	♁	28°20'29" ♉	24°58'18" ○	01°32'54"	00°38'56"	0.744
28/05/2047 00:00:00	♁	21°59'06" ♋	24°25'18" ○	02°49'08"	00°57'52"	0.714
28/05/2047 00:00:00	♁	14°25'12" ♉	23°04'31"	00°33'17"	00°41'23"	2.540
28/05/2047 00:00:00	♃	10°26'06" ♈	13°59'29"	-01°00'23"	00°13'36"	5.854
28/05/2047 00:00:00	♅	03°06'57" ♋	-22°18'20"	01°05'30"	-00°03'42"	9.129

Ephemerides year 2047

28/05/2047 00:00:00	♃	02°23'46" ♍	11°19'47"	00°45'43"	00°00'58"	18.357
28/05/2047 00:00:00	♃	19°43'27" ♏	16°01'38"	-01°41'52"	00°02'10"	30.783
28/05/2047 00:00:00	♃	06°44'44" ♎	-20°17'31"	-12°09'47"	00°00'14"	40.816
28/05/2047 00:00:00	♃	16°24'41" ♎	-22°25'32"	00°00'00"	-00°00'30"	0.003
28/05/2047 00:00:00	♃	18°23'19" ♎	-08°00'02"	-00°51'29"	-00°02'00"	7.823
28/05/2047 00:00:00	♃	02°11'39" ♏	16°54'54"	04°59'39"	00°06'43"	0.003
28/05/2047 00:00:00	♃	16°24'41" ♎	-22°25'32"	00°00'00"	-00°00'30"	0.003
28/05/2047 00:00:00	♃	15°31'37" ♏	20°48'35"	04°31'25"	04°33'56"	0.003
28/05/2047 00:00:00	X	00°34'57" ♏	05°56'38"	-06°06'29"	00°00'33"	94.056
28/05/2047 00:00:00	Y	15°54'16" ♎	11°43'53"	-11°00'49"	00°00'51"	79.515
29/05/2047 00:00:00	♃	07°35'52" ♎	21°34'20"	00°00'00"	00°57'35"	1.013
29/05/2047 00:00:00	♃	24°46'48" ♎	20°25'18"	-00°45'22"	12°42'57"	0.003
29/05/2047 00:00:00	♃	28°57'13" ♎	24°48'36"	01°22'49"	00°34'30"	0.726
29/05/2047 00:00:00	♃	22°56'45" ♎	24°14'16"	02°47'42"	00°57'25"	0.706
29/05/2047 00:00:00	♃	15°06'33" ♎	23°09'44"	00°33'48"	00°41'20"	2.542
29/05/2047 00:00:00	♃	10°39'41" ♏	14°03'42"	-01°00'24"	00°13'33"	5.848
29/05/2047 00:00:00	♃	03°03'13" ♎	-22°18'26"	01°05'28"	-00°03'45"	9.122
29/05/2047 00:00:00	♃	02°24'46" ♍	11°19'23"	00°45'41"	00°01'01"	18.373
29/05/2047 00:00:00	♃	19°45'38" ♏	16°02'12"	-01°41'53"	00°02'10"	30.778

Ephemerides year 2047

29/05/2047 00:00:00	♁	06°44'57" ♈	-20°17'45"	-12°10'07"	00°00'13"	40.800
29/05/2047 00:00:00	♁	16°24'54" ♈	-22°25'31"	00°00'00"	00°00'49"	0.002
29/05/2047 00:00:00	♁	18°21'21" ♈	-07°58'52"	-00°51'03"	-00°01'54"	7.836
29/05/2047 00:00:00	♁	02°18'22" ♈	16°57'03"	04°59'26"	00°06'43"	0.003
29/05/2047 00:00:00	♁	16°24'54" ♈	-22°25'31"	00°00'00"	00°00'49"	0.002
29/05/2047 00:00:00	♁	20°01'45" ♈	21°54'11"	04°19'15"	04°20'59"	0.003
29/05/2047 00:00:00	X	00°35'30" ♈	05°56'49"	-06°06'29"	00°00'32"	94.046
29/05/2047 00:00:00	Y	15°55'07" ♈	11°44'00"	-11°00'47"	00°00'51"	79.518
30/05/2047 00:00:00	♁	08°33'27" ♈	21°43'32"	-00°00'00"	00°57'34"	1.014
30/05/2047 00:00:00	♁	07°37'08" ♈	16°32'33"	-01°52'49"	12°58'10"	0.003
30/05/2047 00:00:00	♁	29°29'29" ♈	24°37'50"	01°11'52"	00°30'00"	0.710
30/05/2047 00:00:00	♁	23°53'57" ♈	24°02'48"	02°46'06"	00°56'58"	0.698
30/05/2047 00:00:00	♁	15°47'52" ♈	23°14'44"	00°34'18"	00°41'17"	2.544
30/05/2047 00:00:00	♁	10°53'14" ♈	14°07'53"	-01°00'26"	00°13'31"	5.841
30/05/2047 00:00:00	♁	02°59'26" ♈	-22°18'33"	01°05'27"	-00°03'48"	9.115
30/05/2047 00:00:00	♁	02°25'49" ♈	11°18'59"	00°45'38"	00°01'04"	18.390
30/05/2047 00:00:00	♁	19°47'48" ♈	16°02'46"	-01°41'54"	00°02'09"	30.773
30/05/2047 00:00:00	♁	06°45'10" ♈	-20°17'59"	-12°10'28"	00°00'11"	40.784
30/05/2047 00:00:00	♁	16°26'07" ♈	-22°25'22"	00°00'00"	00°01'28"	0.002

Ephemerides year 2047

30/05/2047 00:00:00	♁	18°19'29" ♈	-07°57'45"	-00°50'36"	-00°01'48"	7.848
30/05/2047 00:00:00	♁	02°25'05" ♈	16°59'12"	04°59'13"	00°06'43"	0.003
30/05/2047 00:00:00	♁	16°26'07" ♈	-22°25'22"	00°00'00"	00°01'28"	0.002
30/05/2047 00:00:00	♁	24°03'07" ♈	22°46'00"	04°06'58"	03°36'45"	0.003
30/05/2047 00:00:00	X	00°36'02" ♈	05°57'00"	-06°06'29"	00°00'32"	94.035
30/05/2047 00:00:00	Y	15°55'59" ♀	11°44'07"	-11°00'45"	00°00'51"	79.520
31/05/2047 00:00:00	♁	09°31'01" ♀	21°52'21"	-00°00'00"	00°57'33"	1.014
31/05/2047 00:00:00	♁	20°43'59" ♀	11°47'52"	-02°55'52"	13°15'55"	0.003
31/05/2047 00:00:00	♁	29°57'14" ♀	24°26'05" ♁	01°00'04"	00°25'27"	0.694
31/05/2047 00:00:00	♁	24°50'41" ♁	23°50'53" ♁	02°44'20"	00°56'29"	0.690
31/05/2047 00:00:00	♁	16°29'08" ♀	23°19'31"	00°34'49"	00°41'14"	2.547
31/05/2047 00:00:00	♁	11°06'44" ♈	14°12'01"	-01°00'28"	00°13'28"	5.834
31/05/2047 00:00:00	♁	02°55'36" ♈	-22°18'40"	01°05'25"	-00°03'51"	9.108
31/05/2047 00:00:00	♁	02°26'54" ♁	11°18'33"	00°45'36"	00°01'07"	18.407
31/05/2047 00:00:00	♁	19°49'57" ♈	16°03'19"	-01°41'55"	00°02'09"	30.767
31/05/2047 00:00:00	♁	06°45'20" ♁	-20°18'14"	-12°10'49"	00°00'09"	40.768
31/05/2047 00:00:00	♁	16°27'36" ♈	-22°25'11"	00°00'00"	00°01'22"	0.002
31/05/2047 00:00:00	♁	18°17'44" ♈	-07°56'41"	-00°50'10"	-00°01'42"	7.861
31/05/2047 00:00:00	♁	02°31'48" ♈	17°01'21"	04°59'00"	00°06'43"	0.003

Ephemerides year 2047

31/05/2047 00:00:00	T♄	16°27'36" ♄	-22°25'11"	00°00'00"	00°01'22"	0.002
31/05/2047 00:00:00	T♄	27°06'25" ♄	23°20'48"	03°56'48"	02°26'06"	0.003
31/05/2047 00:00:00	X	00°36'34" ♄	05°57'11"	-06°06'30"	00°00'31"	94.025
31/05/2047 00:00:00	Y	15°56'50" ♀	11°44'13"	-11°00'43"	00°00'51"	79.521
01/06/2047 00:00:00	♁	10°28'33" ♀	22°00'47"	-00°00'00"	00°57'31"	1.014
01/06/2047 00:00:00	♂	04°09'45" ♃	06°23'36"	-03°50'53"	13°35'53"	0.003
01/06/2047 00:00:00	♀	00°20'23" ♁	24°13'26" ♁	00°47'26"	00°20'50"	0.679
01/06/2047 00:00:00	♀	25°46'55" ♁	23°38'32" ♁	02°42'23"	00°55'59"	0.682
01/06/2047 00:00:00	♂	17°10'22" ♀	23°24'05"	00°35'19"	00°41'11"	2.549
01/06/2047 00:00:00	♃	11°20'10" ♄	14°16'09"	-01°00'30"	00°13'25"	5.827
01/06/2047 00:00:00	♃	02°51'42" ♄	-22°18'47"	01°05'23"	-00°03'54"	9.101
01/06/2047 00:00:00	♃	02°28'03" ♃	11°18'06"	00°45'33"	00°01'10"	18.423
01/06/2047 00:00:00	♃	19°52'06" ♄	16°03'53"	-01°41'56"	00°02'08"	30.762
01/06/2047 00:00:00	♃	06°45'30" ♃	-20°18'30"	-12°11'10"	00°00'08"	40.752
01/06/2047 00:00:00	♁	16°28'38" ♄	-22°25'03"	00°00'00"	00°00'35"	0.002
01/06/2047 00:00:00	♃	18°16'04" ♃	-07°55'38"	-00°49'43"	-00°01'36"	7.874
01/06/2047 00:00:00	♄	02°38'32" ♄	17°03'29"	04°58'46"	00°06'43"	0.003
01/06/2047 00:00:00	T♄	16°28'38" ♄	-22°25'03"	00°00'00"	00°00'35"	0.002
01/06/2047 00:00:00	T♄	28°50'01" ♄	23°38'40" ♁	03°50'44"	00°59'42"	0.003

Ephemerides year 2047

01/06/2047 00:00:00	X	00°37'06" ♄	05°57'21"	-06°06'30"	00°00'31"	94.014
01/06/2047 00:00:00	Y	15°57'42" ♀	11°44'20"	-11°00'42"	00°00'51"	79.523
02/06/2047 00:00:00	☉	11°26'04" ♀	22°08'51"	-00°00'00"	00°57'30"	1.014
02/06/2047 00:00:00	☾	17°56'13" ♃	00°33'33"	-04°34'07"	13°57'09"	0.002
02/06/2047 00:00:00	♀	00°38'55" ♃	23°59'58" ○	00°34'02"	00°16'12"	0.664
02/06/2047 00:00:00	♀	26°42'39" ♃	23°25'47"	02°40'16"	00°55'28"	0.674
02/06/2047 00:00:00	♂	17°51'32" ♀	23°28'26" ○	00°35'49"	00°41'09"	2.552
02/06/2047 00:00:00	♃	11°33'34" ♄	14°20'14"	-01°00'32"	00°13'22"	5.820
02/06/2047 00:00:00	♅	02°47'47" ♁	-22°18'54"	01°05'21"	-00°03'57"	9.095
02/06/2047 00:00:00	♃	02°29'15" ♃	11°17'38"	00°45'31"	00°01'13"	18.440
02/06/2047 00:00:00	♃	19°54'14" ♄	16°04'26"	-01°41'57"	00°02'07"	30.756
02/06/2047 00:00:00	♃	06°45'37" ♃	-20°18'46"	-12°11'30"	00°00'06"	40.736
02/06/2047 00:00:00	♁	16°28'37" ♁	-22°25'04"	00°00'00"	-00°00'41"	0.002
02/06/2047 00:00:00	♃	18°14'31" ♃	-07°54'38"	-00°49'17"	-00°01'29"	7.888
02/06/2047 00:00:00	♃	02°45'15" ♄	17°05'37"	04°58'33"	00°06'43"	0.003
02/06/2047 00:00:00	T♁	16°28'37" ♁	-22°25'04"	00°00'00"	-00°00'41"	0.002
02/06/2047 00:00:00	T♃	29°06'16" ♄	23°41'19" ○	03°49'44"	-00°25'14"	0.003
02/06/2047 00:00:00	X	00°37'37" ♄	05°57'32"	-06°06'31"	00°00'31"	94.002
02/06/2047 00:00:00	Y	15°58'33" ♀	11°44'26"	-11°00'40"	00°00'51"	79.524

Ephemerides year 2047

03/06/2047 00:00:00	♁	12°23'33" ♀	22°16'30"	-00°00'00"	00°57'28"	1.014
03/06/2047 00:00:00	♃	02°04'00" ♀	-05°26'24"	-05°02'04"	14°18'11"	0.002
03/06/2047 00:00:00	♃	00°52'47" ♀	23°45'44" ♀	00°19'53"	00°11'32"	0.650
03/06/2047 00:00:00	♃	27°37'52" ♀	23°12'37"	02°37'58"	00°54'56"	0.666
03/06/2047 00:00:00	♂	18°32'40" ♀	23°32'35" ♀	00°36'19"	00°41'06"	2.554
03/06/2047 00:00:00	♃	11°46'54" ♀	14°24'17"	-01°00'34"	00°13'19"	5.812
03/06/2047 00:00:00	♃	02°43'48" ♀	-22°19'02"	01°05'19"	-00°03'59"	9.089
03/06/2047 00:00:00	♃	02°30'30" ♀	11°17'08"	00°45'29"	00°01'16"	18.456
03/06/2047 00:00:00	♃	19°56'21" ♀	16°04'59"	-01°41'58"	00°02'07"	30.749
03/06/2047 00:00:00	♃	06°45'43" ♀	-20°19'03"	-12°11'51"	00°00'05"	40.720
03/06/2047 00:00:00	♃	16°27'12" ♀	-22°25'14"	00°00'00"	-00°02'08"	0.002
03/06/2047 00:00:00	♃	18°13'05" ♀	-07°53'41"	-00°48'50"	-00°01'23"	7.901
03/06/2047 00:00:00	♃	02°51'58" ♀	17°07'45"	04°58'19"	00°06'43"	0.003
03/06/2047 00:00:00	♃	16°27'12" ♀	-22°25'14"	00°00'00"	-00°02'08"	0.002
03/06/2047 00:00:00	♃	28°06'54" ♀	23°31'20" ♀	03°53'13"	-01°28'20"	0.003
03/06/2047 00:00:00	X	00°38'08" ♀	05°57'42"	-06°06'31"	00°00'30"	93.991
03/06/2047 00:00:00	Y	15°59'25" ♀	11°44'32"	-11°00'39"	00°00'51"	79.525
04/06/2047 00:00:00	♁	13°21'02" ♀	22°23'47"	-00°00'00"	00°57'27"	1.014
04/06/2047 00:00:00	♃	16°31'48" ♀	-11°17'25"	-05°11'46"	14°36'49"	0.002

Ephemerides year 2047

04/06/2047 00:00:00	♀	01°02'01" ♉	23°30'50" ♍	00°05'03"	00°06'54"	0.637
04/06/2047 00:00:00	♀	28°32'32" ♉	22°59'04"	02°35'29"	00°54'23"	0.657
04/06/2047 00:00:00	♂	19°13'45" ♊	23°36'30" ♍	00°36'48"	00°41'03"	2.556
04/06/2047 00:00:00	♃	12°00'12" ♉	14°28'19"	-01°00'36"	00°13'15"	5.805
04/06/2047 00:00:00	♃	02°39'47" ♉	-22°19'09"	01°05'16"	-00°04'02"	9.083
04/06/2047 00:00:00	♃	02°31'48" ♉	11°16'38"	00°45'26"	00°01'19"	18.473
04/06/2047 00:00:00	♃	19°58'28" ♉	16°05'31"	-01°41'59"	00°02'06"	30.743
04/06/2047 00:00:00	♃	06°45'48" ♊	-20°19'20"	-12°12'12"	00°00'04"	40.705
04/06/2047 00:00:00	♃	16°24'23" ♉	-22°25'34"	00°00'00"	-00°03'25"	0.002
04/06/2047 00:00:00	♃	18°11'44" ♉	-07°52'46"	-00°48'24"	-00°01'17"	7.915
04/06/2047 00:00:00	♃	02°58'41" ♉	17°09'52"	04°58'05"	00°06'43"	0.003
04/06/2047 00:00:00	T♃	16°24'23" ♉	-22°25'34"	00°00'00"	-00°03'25"	0.002
04/06/2047 00:00:00	T♃	26°21'29" ♉	23°12'33"	03°59'16"	-01°56'25"	0.003
04/06/2047 00:00:00	X	00°38'38" ♉	05°57'52"	-06°06'32"	00°00'30"	93.980
04/06/2047 00:00:00	Y	16°00'16" ♊	11°44'38"	-11°00'38"	00°00'51"	79.525
05/06/2047 00:00:00	♃	14°18'29" ♊	22°30'40"	-00°00'00"	00°57'26"	1.014
05/06/2047 00:00:00	♃	01°16'02" ♉	-16°36'56"	-05°01'21"	14°50'37"	0.002
05/06/2047 00:00:00	♀	01°06'36" ♉	23°15'21"	-00°10'23"	00°02'17"	0.625
05/06/2047 00:00:00	♀	29°26'38" ♉	22°45'09"	02°32'49"	00°53'49"	0.649

Ephemerides year 2047

05/06/2047 00:00:00	♂	19°54'48" ♀	23°40'13" ♁	00°37'18"	00°41'01"	2.558
05/06/2047 00:00:00	♃	12°13'26" ♂	14°32'19"	-01°00'38"	00°13'12"	5.797
05/06/2047 00:00:00	♅	02°35'43" ♁	-22°19'16"	01°05'14"	-00°04'04"	9.078
05/06/2047 00:00:00	♆	02°33'10" ♃	11°16'07"	00°45'24"	00°01'22"	18.489
05/06/2047 00:00:00	♁	20°00'34" ♂	16°06'03"	-01°42'00"	00°02'05"	30.736
05/06/2047 00:00:00	♂	06°45'52" ♀	-20°19'38"	-12°12'33"	00°00'02"	40.689
05/06/2047 00:00:00	♁	16°20'31" ♁	-22°26'03"	00°00'00"	-00°04'12"	0.002
05/06/2047 00:00:00	♆	18°10'30" ♃	-07°51'53"	-00°47'58"	-00°01'10"	7.928
05/06/2047 00:00:00	♁	03°05'24" ♂	17°11'59"	04°57'51"	00°06'43"	0.003
05/06/2047 00:00:00	♁♁	16°20'31" ♁	-22°26'03"	00°00'00"	-00°04'12"	0.002
05/06/2047 00:00:00	♁♁	24°24'27" ♂	22°50'11"	04°05'45"	-01°54'00"	0.003
05/06/2047 00:00:00	X	00°39'08" ♂	05°58'01"	-06°06'32"	00°00'29"	93.968
05/06/2047 00:00:00	Y	16°01'08" ♀	11°44'44"	-11°00'37"	00°00'51"	79.526
06/06/2047 00:00:00	♁	15°15'55" ♀	22°37'10"	-00°00'00"	00°57'25"	1.015
06/06/2047 00:00:00	♃	16°10'41" ♃	-20°59'21"	-04°30'37"	14°57'20"	0.002
06/06/2047 00:00:00	♁	01°06'37" ♁	22°59'21"	-00°26'23"	-00°02'14"	0.614
06/06/2047 00:00:00	♀	00°20'10" ♁	22°30'53"	02°29'58"	00°53'13"	0.641
06/06/2047 00:00:00	♂	20°35'48" ♀	23°43'43" ♁	00°37'47"	00°40'58"	2.560
06/06/2047 00:00:00	♃	12°26'37" ♂	14°36'17"	-01°00'41"	00°13'09"	5.789

Ephemerides year 2047

06/06/2047 00:00:00	♃	02°31'37" ♏	-22°19'23"	01°05'11"	-00°04'06"	9.073
06/06/2047 00:00:00	♅	02°34'34" ♍	11°15'34"	00°45'22"	00°01'25"	18.505
06/06/2047 00:00:00	♆	20°02'39" ♏	16°06'35"	-01°42'02"	00°02'04"	30.729
06/06/2047 00:00:00	♁	06°45'53" ♏	-20°19'56"	-12°12'53"	00°00'01"	40.673
06/06/2047 00:00:00	♄	16°16'11" ♏	-22°26'34"	00°00'00"	-00°04'21"	0.002
06/06/2047 00:00:00	♁	18°09'23" ♏	-07°51'03"	-00°47'31"	-00°01'04"	7.942
06/06/2047 00:00:00	♁	03°12'07" ♏	17°14'06"	04°57'37"	00°06'43"	0.003
06/06/2047 00:00:00	♄	16°16'11" ♏	-22°26'34"	00°00'00"	-00°04'21"	0.002
06/06/2047 00:00:00	♁	22°37'44" ♏	22°28'27"	04°11'29"	-01°39'22"	0.003
06/06/2047 00:00:00	X	00°39'38" ♏	05°58'11"	-06°06'33"	00°00'29"	93.956
06/06/2047 00:00:00	Y	16°02'00" ♏	11°44'50"	-11°00'36"	00°00'51"	79.526
07/06/2047 00:00:00	♁	16°13'19" ♏	22°43'15"	-00°00'00"	00°57'24"	1.015
07/06/2047 00:00:00	♃	01°07'53" ♏	-23°59'26"	-03°41'22"	14°55'35"	0.002
07/06/2047 00:00:00	♁	01°02'10" ♏	22°42'56"	-00°42'50"	-00°06'39"	0.603
07/06/2047 00:00:00	♁	01°13'05" ♏	22°16'16"	02°26'55"	00°52'36"	0.633
07/06/2047 00:00:00	♁	21°16'45" ♏	23°47'00"	00°38'16"	00°40'56"	2.563
07/06/2047 00:00:00	♁	12°39'45" ♏	14°40'13"	-01°00'43"	00°13'06"	5.781
07/06/2047 00:00:00	♃	02°27'29" ♏	-22°19'30"	01°05'09"	-00°04'08"	9.068
07/06/2047 00:00:00	♅	02°36'01" ♍	11°15'01"	00°45'19"	00°01'28"	18.522

Ephemerides year 2047

07/06/2047 00:00:00	♃	20°04'44" ♂	16°07'07"	-01°42'03"	00°02'04"	30.722
07/06/2047 00:00:00	♄	06°45'54" ♀	-20°20'15"	-12°13'14"	-00°00'00"	40.658
07/06/2047 00:00:00	♅	16°12'03" ♀	-22°27'04"	00°00'00"	-00°03'48"	0.002
07/06/2047 00:00:00	♆	18°08'22" ♀	-07°50'16"	-00°47'05"	-00°00'57"	7.956
07/06/2047 00:00:00	♇	03°18'50" ♂	17°16'12"	04°57'23"	00°06'43"	0.003
07/06/2047 00:00:00	T♅	16°12'03" ♀	-22°27'04"	00°00'00"	-00°03'48"	0.002
07/06/2047 00:00:00	T♆	21°03'00" ♂	22°08'11"	04°16'29"	-01°32'38"	0.003
07/06/2047 00:00:00	X	00°40'07" ♂	05°58'20"	-06°06'33"	00°00'29"	93.944
07/06/2047 00:00:00	Y	16°02'52" ♀	11°44'55"	-11°00'36"	00°00'51"	79.526
08/06/2047 00:00:00	♁	17°10'43" ♀	22°48'57"	-00°00'00"	00°57'23"	1.015
08/06/2047 00:00:00	♂	15°59'00" ♂	-25°18'19"	0-02°37'25"	14°45'17"	0.002
08/06/2047 00:00:00	♁	00°53'21" ♀	22°26'10"	-00°59'39"	-00°10'55"	0.594
08/06/2047 00:00:00	♂	02°05'23" ♂	22°01'20"	02°23'40"	00°51'58"	0.625
08/06/2047 00:00:00	♂	21°57'40" ♀	23°50'05"	00°38'45"	00°40'53"	2.565
08/06/2047 00:00:00	♁	12°52'50" ♂	14°44'07"	-01°00'46"	00°13'02"	5.772
08/06/2047 00:00:00	♂	02°23'19" ♀	-22°19'38"	01°05'06"	-00°04'10"	9.063
08/06/2047 00:00:00	♁	02°37'31" ♀	11°14'26"	00°45'17"	00°01'31"	18.538
08/06/2047 00:00:00	♃	20°06'48" ♂	16°07'39"	-01°42'04"	00°02'03"	30.715
08/06/2047 00:00:00	♄	06°45'53" ♀	-20°20'34"	-12°13'35"	-00°00'01"	40.642

Ephemerides year 2047

08/06/2047 00:00:00	♏	16°08'44" ♁	-22°27'27"	00°00'00"	-00°02'44"	0.002
08/06/2047 00:00:00	♋	18°07'28" ♁	-07°49'31"	-00°46'39"	-00°00'51"	7.970
08/06/2047 00:00:00	♌	03°25'33" ♁	17°18'19"	04°57'09"	00°06'43"	0.003
08/06/2047 00:00:00	♏	16°08'44" ♁	-22°27'27"	00°00'00"	-00°02'44"	0.002
08/06/2047 00:00:00	♌	19°26'16" ♁	21°46'36"	04°21'33"	-01°44'04"	0.003
08/06/2047 00:00:00	X	00°40'36" ♁	05°58'29"	-06°06'34"	00°00'28"	93.931
08/06/2047 00:00:00	Y	16°03'44" ♀	11°45'01"	-11°00'35"	00°00'51"	79.525
09/06/2047 00:00:00	♁	18°08'06" ♀	22°54'15"	-00°00'00"	00°57'22"	1.015
09/06/2047 00:00:00	♃	00°36'00" ♁	-24°49'53"	0-01°23'56"	14°27'38"	0.002
09/06/2047 00:00:00	♌	00°40'22" ♁	22°09'11"	-01°16'43"	-00°14'59"	0.585
09/06/2047 00:00:00	♍	02°57'02" ♁	21°46'05"	02°20'13"	00°51'19"	0.617
09/06/2047 00:00:00	♁	22°38'33" ♀	23°52'56"	00°39'14"	00°40'51"	2.567
09/06/2047 00:00:00	♈	13°05'51" ♁	14°47'59"	-01°00'48"	00°12'59"	5.764
09/06/2047 00:00:00	♁	02°19'08" ♁	-22°19'45"	01°05'03"	-00°04'12"	9.059
09/06/2047 00:00:00	♍	02°39'04" ♁	11°13'50"	00°45'15"	00°01'34"	18.554
09/06/2047 00:00:00	♍	20°08'51" ♁	16°08'10"	-01°42'06"	00°02'02"	30.707
09/06/2047 00:00:00	♌	06°45'51" ♁	-20°20'54"	-12°13'55"	-00°00'03"	40.626
09/06/2047 00:00:00	♏	16°06'39" ♁	-22°27'42"	00°00'00"	-00°01'24"	0.002
09/06/2047 00:00:00	♋	18°06'40" ♁	-07°48'48"	-00°46'12"	-00°00'44"	7.985

Ephemerides year 2047

09/06/2047 00:00:00	☾	03°32'17" ♉	17°20'25"	04°56'54"	00°06'43"	0.003
09/06/2047 00:00:00	♁	16°06'39" ♉	-22°27'42"	00°00'00"	-00°01'24"	0.002
09/06/2047 00:00:00	♁	17°29'11" ♉	21°19'14"	04°27'31"	-02°12'07"	0.003
09/06/2047 00:00:00	X	00°41'05" ♉	05°58'38"	-06°06'35"	00°00'28"	93.919
09/06/2047 00:00:00	Y	16°04'36" ♉	11°45'06"	-11°00'35"	00°00'51"	79.524
10/06/2047 00:00:00	☉	19°05'29" ♉	22°59'08"	00°00'00"	00°57'21"	1.015
10/06/2047 00:00:00	☾	14°52'34" ♉	-22°42'54"	-00°06'42"	14°04'50"	0.002
10/06/2047 00:00:00	♁	00°23'27" ♉	21°52'04"	-01°33'55"	-00°18'47"	0.577
10/06/2047 00:00:00	♀	03°48'02" ♉	21°30'33"	02°16'34"	00°50'38"	0.609
10/06/2047 00:00:00	♂	23°19'23" ♉	23°55'35"	00°39'43"	00°40'48"	2.569
10/06/2047 00:00:00	♃	13°18'49" ♉	14°51'50"	-01°00'51"	00°12'55"	5.755
10/06/2047 00:00:00	♄	02°14'54" ♉	-22°19'52"	01°05'00"	-00°04'14"	9.055
10/06/2047 00:00:00	♅	02°40'40" ♉	11°13'14"	00°45'13"	00°01'37"	18.570
10/06/2047 00:00:00	♆	20°10'53" ♉	16°08'41"	-01°42'07"	00°02'01"	30.699
10/06/2047 00:00:00	♇	06°45'47" ♉	-20°21'15"	-12°14'16"	-00°00'04"	40.611
10/06/2047 00:00:00	♁	16°05'55" ♉	-22°27'48"	00°00'00"	-00°00'05"	0.002
10/06/2047 00:00:00	♂	18°05'59" ♉	-07°48'08"	-00°45'46"	-00°00'38"	7.999
10/06/2047 00:00:00	☾	03°39'00" ♉	17°22'30"	04°56'40"	00°06'43"	0.003
10/06/2047 00:00:00	♁	16°05'55" ♉	-22°27'48"	00°00'00"	-00°00'05"	0.002

Ephemerides year 2047

10/06/2047 00:00:00	T♄	15°00'20" ♈	20°42'20"	04°34'40"	-02°45'02"	0.003
10/06/2047 00:00:00	X	00°41'33" ♈	05°58'47"	-06°06'36"	00°00'27"	93.906
10/06/2047 00:00:00	Y	16°05'28" ♉	11°45'12"	-11°00'34"	00°00'51"	79.523
11/06/2047 00:00:00	☉	20°02'50" ♉	23°03'38"	00°00'00"	00°57'21"	1.015
11/06/2047 00:00:00	☾	28°44'49" ♌	-19°16'55"	01°08'53"	13°39'27"	0.003
11/06/2047 00:00:00	♀	00°02'53" ♌♌	21°34'55"	-01°51'05"	-00°22'17"	0.570
11/06/2047 00:00:00	♀	04°38'20" ♌	21°14'43"	02°12'42"	00°49'56"	0.601
11/06/2047 00:00:00	♂	24°00'10" ♉	23°58'01" ○	00°40'11"	00°40'46"	2.571
11/06/2047 00:00:00	♃	13°31'43" ♈	14°55'39"	-01°00'54"	00°12'52"	5.746
11/06/2047 00:00:00	♅	02°10'38" ♌	-22°20'00"	01°04'57"	-00°04'16"	9.051
11/06/2047 00:00:00	♁	02°42'19" ♋	11°12'36"	00°45'10"	00°01'40"	18.586
11/06/2047 00:00:00	♆	20°12'55" ♈	16°09'12"	-01°42'09"	00°02'00"	30.691
11/06/2047 00:00:00	♁	06°45'42" ♌♌	-20°21'36"	-12°14'36"	-00°00'06"	40.595
11/06/2047 00:00:00	♁	16°06'22" ♌	-22°27'44"	00°00'00"	00°00'55"	0.002
11/06/2047 00:00:00	♁	18°05'24" ♌♌	-07°47'31"	-00°45'20"	-00°00'31"	8.014
11/06/2047 00:00:00	♁	03°45'43" ♈	17°24'36"	04°56'25"	00°06'43"	0.003
11/06/2047 00:00:00	T♁	16°06'22" ♌	-22°27'44"	00°00'00"	00°00'55"	0.002
11/06/2047 00:00:00	T♄	12°03'08" ♈	19°55'28"	04°42'28"	-03°06'00"	0.003
11/06/2047 00:00:00	X	00°42'00" ♈	05°58'56"	-06°06'37"	00°00'27"	93.893

Ephemerides year 2047

11/06/2047 00:00:00	Y	16°06'20" ♀	11°45'17"	-11°00'34"	00°00'51"	79.522
12/06/2047 00:00:00	☉	21°00'11" ♀	23°07'43"	00°00'00"	00°57'20"	1.015
12/06/2047 00:00:00	☾	12°11'26" ♁	-14°55'15"	02°18'24"	13°13'55"	0.003
12/06/2047 00:00:00	♁	29°39'00" ♀	21°17'52"	-02°08'07"	-00°25'25"	0.565
12/06/2047 00:00:00	♂	05°27'55" ♁	20°58'38"	02°08'38"	00°49'13"	0.593
12/06/2047 00:00:00	♂	24°40'55" ♀	24°00'14" ○	00°40'39"	00°40'43"	2.572
12/06/2047 00:00:00	♃	13°44'34" ♁	14°59'25"	-01°00'57"	00°12'48"	5.737
12/06/2047 00:00:00	♄	02°06'21" ♁	-22°20'07"	01°04'53"	-00°04'17"	9.048
12/06/2047 00:00:00	♅	02°44'00" ♁	11°11'58"	00°45'08"	00°01'42"	18.602
12/06/2047 00:00:00	♆	20°14'55" ♁	16°09'42"	-01°42'10"	00°01'59"	30.683
12/06/2047 00:00:00	♇	06°45'35" ♁	-20°21'57"	-12°14'57"	-00°00'07"	40.580
12/06/2047 00:00:00	♈	16°07'36" ♁	-22°27'36"	00°00'00"	00°01'28"	0.002
12/06/2047 00:00:00	♉	18°04'56" ♁	-07°46'56"	-00°44'54"	-00°00'24"	8.028
12/06/2047 00:00:00	♊	03°52'26" ♁	17°26'41"	04°56'10"	00°06'43"	0.003
12/06/2047 00:00:00	♋	16°07'36" ♁	-22°27'36"	00°00'00"	00°01'28"	0.002
12/06/2047 00:00:00	♌	08°56'42" ♁	19°02'50"	04°49'49"	-03°02'15"	0.003
12/06/2047 00:00:00	X	00°42'27" ♁	05°59'04"	-06°06'38"	00°00'26"	93.880
12/06/2047 00:00:00	Y	16°07'11" ♀	11°45'22"	-11°00'34"	00°00'51"	79.520
13/06/2047 00:00:00	☉	21°57'31" ♀	23°11'23"	00°00'00"	00°57'20"	1.015

Ephemerides year 2047

13/06/2047 00:00:00	♃	25°13'18" ♁	-09°59'28"	03°18'33"	12°50'16"	0.003
13/06/2047 00:00:00	♆	29°12'11" ♁r	21°01'01"	-02°24'51"	-00°28'08"	0.560
13/06/2047 00:00:00	♀	06°16'46" ♃	20°42'19"	02°04'20"	00°48'28"	0.585
13/06/2047 00:00:00	♂	25°21'38" ♁	24°02'15" ○	00°41'07"	00°40'41"	2.574
13/06/2047 00:00:00	♃	13°57'20" ♃	15°03'10"	-01°01'00"	00°12'44"	5.728
13/06/2047 00:00:00	♃	02°02'03" ♃r	-22°20'15"	01°04'50"	-00°04'19"	9.045
13/06/2047 00:00:00	♃	02°45'45" ♃	11°11'18"	00°45'06"	00°01'45"	18.618
13/06/2047 00:00:00	♃	20°16'55" ♃	16°10'12"	-01°42'12"	00°01'58"	30.674
13/06/2047 00:00:00	♃	06°45'26" ♃r	-20°22'19"	-12°15'17"	-00°00'09"	40.565
13/06/2047 00:00:00	♃	16°09'09" ♃	-22°27'25"	00°00'00"	00°01'30"	0.002
13/06/2047 00:00:00	♃	18°04'34" ♃r	-07°46'24"	-00°44'28"	-00°00'18"	8.043
13/06/2047 00:00:00	♃	03°59'09" ♃	17°28'46"	04°55'55"	00°06'43"	0.003
13/06/2047 00:00:00	♃	16°09'09" ♃	-22°27'25"	00°00'00"	00°01'30"	0.002
13/06/2047 00:00:00	♃	06°07'14" ♃r	18°12'12"	04°55'42"	-02°33'04"	0.003
13/06/2047 00:00:00	X	00°42'54" ♃	05°59'12"	-06°06'38"	00°00'26"	93.867
13/06/2047 00:00:00	Y	16°08'03" ♁	11°45'26"	-11°00'34"	00°00'51"	79.518
14/06/2047 00:00:00	♃	22°54'51" ♁	23°14'39"	00°00'00"	00°57'19"	1.016
14/06/2047 00:00:00	♃	07°53'03" ♃	-04°47'04"	04°07'13"	12°29'52"	0.003
14/06/2047 00:00:00	♆	28°42'53" ♁r	20°44'31"	-02°41'08"	-00°30'23"	0.557

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14/06/2047 00:00:00	♀	07°04'51" ♋	20°25'45"	01°59'49"	00°47'41"	0.577
14/06/2047 00:00:00	♂	26°02'18" ♌	24°04'02" ♁	00°41'35"	00°40'39"	2.576
14/06/2047 00:00:00	♃	14°10'03" ♋	15°06'53"	-01°01'03"	00°12'40"	5.719
14/06/2047 00:00:00	♅	01°57'43" ♌	-22°20'22"	01°04'46"	-00°04'20"	9.042
14/06/2047 00:00:00	♁	02°47'32" ♌	11°10'37"	00°45'04"	00°01'48"	18.633
14/06/2047 00:00:00	♃	20°18'53" ♋	16°10'42"	-01°42'14"	00°01'58"	30.665
14/06/2047 00:00:00	♁	06°45'17" ♌	-20°22'41"	-12°15'38"	-00°00'10"	40.549
14/06/2047 00:00:00	♋	16°10'29" ♌	-22°27'15"	00°00'00"	00°01'04"	0.002
14/06/2047 00:00:00	♃	18°04'19" ♌	-07°45'54"	-00°44'02"	-00°00'11"	8.058
14/06/2047 00:00:00	♁	04°05'52" ♋	17°30'50"	04°55'40"	00°06'42"	0.003
14/06/2047 00:00:00	♋	16°10'29" ♌	-22°27'15"	00°00'00"	00°01'04"	0.002
14/06/2047 00:00:00	♁	03°55'31" ♋	17°31'05"	04°59'44"	-01°49'04"	0.003
14/06/2047 00:00:00	X	00°43'20" ♋	05°59'20"	-06°06'39"	00°00'25"	93.853
14/06/2047 00:00:00	Y	16°08'54" ♌	11°45'31"	-11°00'35"	00°00'51"	79.516
15/06/2047 00:00:00	♁	23°52'11" ♌	23°17'31"	00°00'00"	00°57'19"	1.016
15/06/2047 00:00:00	♃	20°14'26" ♌	00°28'30"	04°43'06"	12°13'36"	0.003
15/06/2047 00:00:00	♁	28°11'34" ♌	20°28'29"	-02°56'48"	-00°32'07"	0.554
15/06/2047 00:00:00	♀	07°52'09" ♋	20°08'58"	01°55'04"	00°46'53"	0.569
15/06/2047 00:00:00	♂	26°42'56" ♌	24°05'37" ♁	00°42'03"	00°40'36"	2.578

Ephemerides year 2047

15/06/2047 00:00:00	♃	14°22'42" ♀	15°10'33"	-01°01'07"	00°12'36"	5.709
15/06/2047 00:00:00	♅	01°53'21" ♀	-22°20'30"	01°04'43"	-00°04'21"	9.039
15/06/2047 00:00:00	♁	02°49'22" ♃	11°09'56"	00°45'01"	00°01'51"	18.649
15/06/2047 00:00:00	♆	20°20'51" ♀	16°11'11"	-01°42'16"	00°01'57"	30.656
15/06/2047 00:00:00	♁	06°45'05" ♃	-20°23'04"	-12°15'58"	-00°00'12"	40.534
15/06/2047 00:00:00	♁	16°11'11" ♀	-22°27'10"	00°00'00"	00°00'18"	0.002
15/06/2047 00:00:00	♆	18°04'10" ♃	-07°45'27"	-00°43'36"	-00°00'05"	8.073
15/06/2047 00:00:00	♁	04°12'35" ♀	17°32'54"	04°55'24"	00°06'42"	0.003
15/06/2047 00:00:00	♁	16°11'11" ♀	-22°27'10"	00°00'00"	00°00'18"	0.002
15/06/2047 00:00:00	♁	02°29'20" ♀	17°03'23"	05°02'05"	-01°04'13"	0.003
15/06/2047 00:00:00	X	00°43'45" ♀	05°59'28"	-06°06'41"	00°00'25"	93.839
15/06/2047 00:00:00	Y	16°09'46" ♃	11°45'36"	-11°00'35"	00°00'51"	79.514
16/06/2047 00:00:00	♁	24°49'30" ♃	23°19'57"	00°00'00"	00°57'18"	1.016
16/06/2047 00:00:00	♁	02°21'46" ♃	05°36'43"	05°05'36"	12°01'50"	0.003
16/06/2047 00:00:00	♁	27°38'47" ♃	20°13'04"	-03°11'43"	-00°33'20"	0.553
16/06/2047 00:00:00	♁	08°38'38" ♃	19°52'00"	01°50'06"	00°46'03"	0.561
16/06/2047 00:00:00	♁	27°23'31" ♃	24°06'59"	00°42'30"	00°40'34"	2.579
16/06/2047 00:00:00	♃	14°35'17" ♀	15°14'12"	-01°01'10"	00°12'32"	5.700
16/06/2047 00:00:00	♅	01°48'59" ♀	-22°20'37"	01°04'39"	-00°04'22"	9.037

Ephemerides year 2047

16/06/2047 00:00:00	♃	02°51'15" ♃	11°09'13"	00°44'59"	00°01'54"	18.665
16/06/2047 00:00:00	♃	20°22'47" ♃	16°11'40"	-01°42'17"	00°01'56"	30.647
16/06/2047 00:00:00	♃	06°44'53" ♃	-20°23'28"	-12°16'18"	-00°00'13"	40.519
16/06/2047 00:00:00	♃	16°11'02" ♃	-22°27'11"	00°00'00"	-00°00'38"	0.002
16/06/2047 00:00:00	♃	18°04'08" ♃	-07°45'02"	-00°43'10"	00°00'01"	8.089
16/06/2047 00:00:00	♃	04°19'18" ♃	17°34'58"	04°55'09"	00°06'42"	0.003
16/06/2047 00:00:00	♃	16°11'02" ♃	-22°27'11"	00°00'00"	-00°00'38"	0.002
16/06/2047 00:00:00	♃	01°43'46" ♃	16°48'27"	05°03'13"	-00°29'05"	0.003
16/06/2047 00:00:00	X	00°44'10" ♃	05°59'36"	-06°06'42"	00°00'24"	93.826
16/06/2047 00:00:00	Y	16°10'37" ♃	11°45'40"	-11°00'36"	00°00'51"	79.511
17/06/2047 00:00:00	♃	25°46'48" ♃	23°21'59"	00°00'00"	00°57'18"	1.016
17/06/2047 00:00:00	♃	14°19'38" ♃	10°28'33"	05°14'30"	11°54'36"	0.003
17/06/2047 00:00:00	♃	27°05'05" ♃	19°58'24"	-03°25'44"	-00°33'58"	0.552
17/06/2047 00:00:00	♃	09°24'17" ♃	19°34'50"	01°44'54"	00°45'12"	0.554
17/06/2047 00:00:00	♃	28°04'05" ♃	24°08'08"	00°42'58"	00°40'32"	2.581
17/06/2047 00:00:00	♃	14°47'48" ♃	15°17'49"	-01°01'14"	00°12'28"	5.690
17/06/2047 00:00:00	♃	01°44'36" ♃	-22°20'45"	01°04'35"	-00°04'23"	9.035
17/06/2047 00:00:00	♃	02°53'10" ♃	11°08'29"	00°44'57"	00°01'56"	18.680
17/06/2047 00:00:00	♃	20°24'43" ♃	16°12'09"	-01°42'19"	00°01'55"	30.637

Ephemerides year 2047

17/06/2047 00:00:00	♁	06°44'38" ♋	-20°23'52"	-12°16'38"	-00°00'14"	40.504
17/06/2047 00:00:00	♁	16°09'56" ♋	-22°27'19"	00°00'00"	-00°01'32"	0.002
17/06/2047 00:00:00	♋	18°04'13" ♋	-07°44'40"	-00°42'44"	00°00'08"	8.104
17/06/2047 00:00:00	♁	04°26'01" ♋	17°37'02"	04°54'53"	00°06'42"	0.003
17/06/2047 00:00:00	♁	16°09'56" ♋	-22°27'19"	00°00'00"	-00°01'32"	0.002
17/06/2047 00:00:00	♁	01°26'11" ♋	16°42'37"	05°03'36"	-00°08'41"	0.003
17/06/2047 00:00:00	X	00°44'35" ♋	05°59'43"	-06°06'43"	00°00'24"	93.812
17/06/2047 00:00:00	Y	16°11'28" ♋	11°45'44"	-11°00'36"	00°00'51"	79.508
18/06/2047 00:00:00	♁	26°44'06" ♋	23°23'37"	00°00'00"	00°57'18"	1.016
18/06/2047 00:00:00	♁	26°12'26" ♋	14°55'18"	05°09'51"	11°51'41"	0.003
18/06/2047 00:00:00	♁	26°31'02" ♋	19°44'37"	-03°38'43"	-00°34'02"	0.553
18/06/2047 00:00:00	♁	10°09'02" ♋	19°17'31"	01°39'27"	00°44'18"	0.546
18/06/2047 00:00:00	♁	28°44'36" ♋	24°09'05"	00°43'25"	00°40'29"	2.583
18/06/2047 00:00:00	♁	15°00'15" ♋	15°21'23"	-01°01'17"	00°12'24"	5.680
18/06/2047 00:00:00	♁	01°40'11" ♋	-22°20'52"	01°04'31"	-00°04'24"	9.034
18/06/2047 00:00:00	♁	02°55'08" ♋	11°07'45"	00°44'55"	00°01'59"	18.695
18/06/2047 00:00:00	♁	20°26'37" ♋	16°12'37"	-01°42'21"	00°01'54"	30.628
18/06/2047 00:00:00	♁	06°44'23" ♋	-20°24'16"	-12°16'58"	-00°00'16"	40.489
18/06/2047 00:00:00	♁	16°08'00" ♋	-22°27'33"	00°00'00"	-00°02'15"	0.003

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18/06/2047 00:00:00	♁	18°04'25" ♈	-07°44'21"	-00°42'19"	00°00'14"	8.119
18/06/2047 00:00:00	♁	04°32'44" ♈	17°39'05"	04°54'37"	00°06'43"	0.003
18/06/2047 00:00:00	♁	16°08'00" ♈	-22°27'33"	00°00'00"	-00°02'15"	0.003
18/06/2047 00:00:00	♁	01°21'20" ♈	16°40'59"	05°03'41"	-00°03'17"	0.003
18/06/2047 00:00:00	X	00°44'59" ♈	05°59'50"	-06°06'44"	00°00'23"	93.797
18/06/2047 00:00:00	Y	16°12'20" ♈	11°45'48"	-11°00'37"	00°00'51"	79.505
19/06/2047 00:00:00	♁	27°41'24" ♈	23°24'49"	00°00'00"	00°57'17"	1.016
19/06/2047 00:00:00	♁	08°04'18" ♈	18°47'42"	04°51'58"	11°52'38"	0.003
19/06/2047 00:00:00	♁	25°57'12" ♈	19°31'51"	-03°50'33"	-00°33'30"	0.555
19/06/2047 00:00:00	♁	10°52'53" ♈	19°00'04"	01°33'45"	00°43'22"	0.538
19/06/2047 00:00:00	♁	29°25'04" ♈	24°09'48" ♁	00°43'52"	00°40'27"	2.584
19/06/2047 00:00:00	♁	15°12'38" ♈	15°24'56"	-01°01'21"	00°12'20"	5.670
19/06/2047 00:00:00	♁	01°35'47" ♈	-22°20'59"	01°04'26"	-00°04'25"	9.032
19/06/2047 00:00:00	♁	02°57'09" ♈	11°06'59"	00°44'53"	00°02'02"	18.711
19/06/2047 00:00:00	♁	20°28'31" ♈	16°13'05"	-01°42'23"	00°01'52"	30.618
19/06/2047 00:00:00	♁	06°44'06" ♈	-20°24'41"	-12°17'18"	-00°00'17"	40.474
19/06/2047 00:00:00	♁	16°05'30" ♈	-22°27'51"	00°00'00"	-00°02'39"	0.003
19/06/2047 00:00:00	♁	18°04'43" ♈	-07°44'04"	-00°41'53"	00°00'21"	8.135
19/06/2047 00:00:00	♁	04°39'27" ♈	17°41'08"	04°54'21"	00°06'43"	0.003

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19/06/2047 00:00:00	T♄	16°05'30" ♉	-22°27'51"	00°00'00"	-00°02'39"	0.003
19/06/2047 00:00:00	T♄	01°15'56" ♉	16°39'12"	05°03'49"	-00°08'45"	0.003
19/06/2047 00:00:00	X	00°45'22" ♉	05°59'57"	-06°06'45"	00°00'23"	93.783
19/06/2047 00:00:00	Y	16°13'11" ♉	11°45'52"	-11°00'38"	00°00'51"	79.502
20/06/2047 00:00:00	☉	28°38'42" ♉	23°25'36"	00°00'00"	00°57'17"	1.016
20/06/2047 00:00:00	☾	19°58'50" ♉	21°55'31"	04°21'28"	11°56'57"	0.003
20/06/2047 00:00:00	♁	25°24'11" ♉	19°20'13"	-04°01'08"	-00°32'25"	0.558
20/06/2047 00:00:00	♂	11°35'47" ♉	18°42'28"	01°27'49"	00°42'25"	0.530
20/06/2047 00:00:00	♂	00°05'31" ♉	24°10'20"	00°44'18"	00°40'25"	2.586
20/06/2047 00:00:00	♂	15°24'56" ♉	15°28'26"	-01°01'25"	00°12'16"	5.660
20/06/2047 00:00:00	♂	01°31'21" ♉	-22°21'07"	01°04'22"	-00°04'25"	9.031
20/06/2047 00:00:00	♂	02°59'13" ♉	11°06'12"	00°44'51"	00°02'05"	18.726
20/06/2047 00:00:00	♂	20°30'23" ♉	16°13'33"	-01°42'25"	00°01'51"	30.607
20/06/2047 00:00:00	♂	06°43'48" ♉	-20°25'06"	-12°17'38"	-00°00'19"	40.460
20/06/2047 00:00:00	♂	16°02'47" ♉	-22°28'10"	00°00'00"	-00°02'42"	0.003
20/06/2047 00:00:00	♂	18°05'08" ♉	-07°43'50"	-00°41'27"	00°00'28"	8.150
20/06/2047 00:00:00	♂	04°46'10" ♉	17°43'10"	04°54'05"	00°06'43"	0.003
20/06/2047 00:00:00	T♄	16°02'47" ♉	-22°28'10"	00°00'00"	-00°02'42"	0.003
20/06/2047 00:00:00	T♄	01°03'00" ♉	16°34'58"	05°04'12"	-00°16'32"	0.003

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20/06/2047 00:00:00	X	00°45'45" ♄	06°00'03"	-06°06'46"	00°00'22"	93.769
20/06/2047 00:00:00	Y	16°14'02" ♀	11°45'56"	-11°00'39"	00°00'50"	79.498
21/06/2047 00:00:00	☉	29°35'59" ♀	23°25'59"	00°00'00"	00°57'17"	1.016
21/06/2047 00:00:00	☾	01°59'07" ♀	24°07'58" ○	03°39'15"	12°04'01"	0.003
21/06/2047 00:00:00	♁	24°52'33" ♀r	19°09'50"	-04°10'24"	-00°30'46"	0.562
21/06/2047 00:00:00	♂	12°17'43" ♄	18°24'47"	01°21'38"	00°41'25"	0.523
21/06/2047 00:00:00	♂	00°45'55" ♄	24°10'38" ○	00°44'45"	00°40'23"	2.587
21/06/2047 00:00:00	♃	15°37'10" ♄	15°31'55"	-01°01'29"	00°12'11"	5.649
21/06/2047 00:00:00	♅	01°26'56" ♄r	-22°21'14"	01°04'18"	-00°04'25"	9.031
21/06/2047 00:00:00	♁	03°01'19" ♄	11°05'25"	00°44'49"	00°02'07"	18.741
21/06/2047 00:00:00	♁	20°32'15" ♄	16°14'00"	-01°42'27"	00°01'50"	30.597
21/06/2047 00:00:00	♁	06°43'28" ♄r	-20°25'32"	-12°17'58"	-00°00'20"	40.445
21/06/2047 00:00:00	♁	16°00'12" ♄r	-22°28'28"	00°00'00"	-00°02'24"	0.003
21/06/2047 00:00:00	♁	18°05'40" ♄	-07°43'38"	-00°41'02"	00°00'35"	8.166
21/06/2047 00:00:00	♁	04°52'53" ♄	17°45'13"	04°53'49"	00°06'43"	0.003
21/06/2047 00:00:00	T♁	16°00'12" ♄r	-22°28'28"	00°00'00"	-00°02'24"	0.003
21/06/2047 00:00:00	T♁	00°46'17" ♄r	16°29'32"	05°04'43"	-00°14'00"	0.003
21/06/2047 00:00:00	X	00°46'08" ♄	06°00'10"	-06°06'48"	00°00'22"	93.754
21/06/2047 00:00:00	Y	16°14'52" ♀	11°45'59"	-11°00'41"	00°00'50"	79.494

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22/06/2047 00:00:00	♁	00°33'16" ♃	23°25'57"	00°00'00"	00°57'16"	1.016
22/06/2047 00:00:00	♃	14°07'36" ♃	25°14'54" ♁	02°46'41"	12°13'15"	0.003
22/06/2047 00:00:00	♃	24°22'50" ♃	19°00'49"	-04°18'15"	-00°28'35"	0.568
22/06/2047 00:00:00	♂	12°58'37" ♃	18°07'00"	01°15'11"	00°40'22"	0.515
22/06/2047 00:00:00	♂	01°26'17" ♃	24°10'44" ♁	00°45'11"	00°40'20"	2.589
22/06/2047 00:00:00	♃	15°49'20" ♃	15°35'21"	-01°01'33"	00°12'07"	5.639
22/06/2047 00:00:00	♃	01°22'30" ♃	-22°21'22"	01°04'13"	-00°04'25"	9.030
22/06/2047 00:00:00	♃	03°03'28" ♃	11°04'36"	00°44'47"	00°02'10"	18.756
22/06/2047 00:00:00	♃	20°34'05" ♃	16°14'27"	-01°42'29"	00°01'49"	30.586
22/06/2047 00:00:00	♃	06°43'07" ♃	-20°25'58"	-12°18'17"	-00°00'21"	40.431
22/06/2047 00:00:00	♃	15°58'04" ♃	-22°28'44"	00°00'00"	-00°01'50"	0.003
22/06/2047 00:00:00	♃	18°06'19" ♃	-07°43'29"	-00°40'36"	00°00'42"	8.182
22/06/2047 00:00:00	♃	04°59'37" ♃	17°47'15"	04°53'33"	00°06'43"	0.003
22/06/2047 00:00:00	♃	15°58'04" ♃	-22°28'44"	00°00'00"	-00°01'50"	0.003
22/06/2047 00:00:00	♃	00°42'48" ♃	16°28'33"	05°04'59"	00°11'44"	0.003
22/06/2047 00:00:00	X	00°46'30" ♃	06°00'16"	-06°06'49"	00°00'21"	93.739
22/06/2047 00:00:00	Y	16°15'43" ♃	11°46'02"	-11°00'42"	00°00'50"	79.489
23/06/2047 00:00:00	♁	01°30'33" ♃	23°25'30"	00°00'00"	00°57'16"	1.016
23/06/2047 00:00:00	♃	26°26'10" ♃	25°08'45" ♁	01°45'39"	12°24'05"	0.003

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23/06/2047 00:00:00	♀	23°55'32" ♀	18°53'14"	-04°24'41"	-00°25'55"	0.574
23/06/2047 00:00:00	♀	13°38'28" ♀	17°49'09"	01°08'28"	00°39'18"	0.507
23/06/2047 00:00:00	♂	02°06'37" ♂	24°10'38" ♂	00°45'37"	00°40'18"	2.590
23/06/2047 00:00:00	♃	16°01'25" ♀	15°38'45"	-01°01'37"	00°12'02"	5.628
23/06/2047 00:00:00	♃	01°18'04" ♀	-22°21'29"	01°04'08"	-00°04'26"	9.030
23/06/2047 00:00:00	♃	03°05'40" ♀	11°03'47"	00°44'45"	00°02'13"	18.770
23/06/2047 00:00:00	♃	20°35'54" ♀	16°14'54"	-01°42'31"	00°01'48"	30.575
23/06/2047 00:00:00	♃	06°42'44" ♀	-20°26'25"	-12°18'37"	-00°00'23"	40.416
23/06/2047 00:00:00	♃	15°56'35" ♀	-22°28'54"	00°00'00"	-00°01'06"	0.003
23/06/2047 00:00:00	♃	18°07'04" ♀	-07°43'23"	-00°40'11"	00°00'48"	8.198
23/06/2047 00:00:00	♃	05°06'20" ♀	17°49'17"	04°53'16"	00°06'43"	0.003
23/06/2047 00:00:00	T♃	15°56'35" ♀	-22°28'54"	00°00'00"	-00°01'06"	0.003
23/06/2047 00:00:00	T♃	01°19'42" ♀	16°41'02"	05°04'21"	01°06'52"	0.003
23/06/2047 00:00:00	X	00°46'51" ♀	06°00'22"	-06°06'50"	00°00'21"	93.724
23/06/2047 00:00:00	Y	16°16'34" ♀	11°46'06"	-11°00'44"	00°00'50"	79.485
24/06/2047 00:00:00	♃	02°27'49" ♂	23°24'38"	00°00'00"	00°57'16"	1.016
24/06/2047 00:00:00	♃	08°56'10" ♂	23°46'26" ♂	00°38'34"	12°36'05"	0.003
24/06/2047 00:00:00	♀	23°31'07" ♀	18°47'09"	-04°29'39"	-00°22'49"	0.582
24/06/2047 00:00:00	♀	14°17'12" ♀	17°31'15"	01°01'30"	00°38'10"	0.500

Ephemerides year 2047

24/06/2047 00:00:00	♂	02°46'55" ♃	24°10'19" ♁	00°46'03"	00°40'16"	2.591
24/06/2047 00:00:00	♃	16°13'25" ♄	15°42'07"	-01°01'41"	00°11'57"	5.617
24/06/2047 00:00:00	♃	01°13'38" ♄	-22°21'37"	01°04'03"	-00°04'25"	9.030
24/06/2047 00:00:00	♃	03°07'54" ♃	11°02'56"	00°44'43"	00°02'15"	18.785
24/06/2047 00:00:00	♃	20°37'42" ♄	16°15'20"	-01°42'33"	00°01'47"	30.564
24/06/2047 00:00:00	♃	06°42'20" ♃	-20°26'52"	-12°18'56"	-00°00'24"	40.402
24/06/2047 00:00:00	♁	15°55'51" ♄	-22°28'59"	00°00'00"	-00°00'22"	0.003
24/06/2047 00:00:00	♃	18°07'56" ♃	-07°43'20"	-00°39'46"	00°00'55"	8.214
24/06/2047 00:00:00	♃	05°13'03" ♄	17°51'18"	04°52'59"	00°06'43"	0.003
24/06/2047 00:00:00	T♁	15°55'51" ♄	-22°28'59"	00°00'00"	-00°00'22"	0.003
24/06/2047 00:00:00	T♃	03°04'22" ♄	17°15'26"	05°01'56"	02°25'06"	0.003
24/06/2047 00:00:00	X	00°47'12" ♄	06°00'28"	-06°06'52"	00°00'20"	93.709
24/06/2047 00:00:00	Y	16°17'24" ♃	11°46'09"	-11°00'45"	00°00'50"	79.480
25/06/2047 00:00:00	♁	03°25'05" ♃	23°23'22"	00°00'00"	00°57'15"	1.016
25/06/2047 00:00:00	♁	21°38'36" ♃	21°10'28"	-00°31'33"	12°48'52"	0.003
25/06/2047 00:00:00	♃	23°10'00" ♃	18°42'37"	-04°33'10"	-00°19'19"	0.590
25/06/2047 00:00:00	♀	14°54'48" ♃	17°13'20"	00°54'16"	00°37'00"	0.492
25/06/2047 00:00:00	♂	03°27'10" ♃	24°09'47" ♁	00°46'29"	00°40'13"	2.593
25/06/2047 00:00:00	♃	16°25'20" ♄	15°45'27"	-01°01'46"	00°11'52"	5.606

Ephemerides year 2047

25/06/2047 00:00:00	♃	01°09'12" ♏	-22°21'44"	01°03'58"	-00°04'25"	9.031
25/06/2047 00:00:00	♅	03°10'11" ♎	11°02'05"	00°44'41"	00°02'18"	18.799
25/06/2047 00:00:00	♆	20°39'29" ♏	16°15'46"	-01°42'35"	00°01'46"	30.553
25/06/2047 00:00:00	♁	06°41'55" ♋	-20°27'19"	-12°19'16"	-00°00'25"	40.388
25/06/2047 00:00:00	♄	15°55'48" ♏	-22°29'00"	00°00'00"	00°00'16"	0.003
25/06/2047 00:00:00	♁	18°08'55" ♋	-07°43'19"	-00°39'20"	00°01'02"	8.230
25/06/2047 00:00:00	♁	05°19'46" ♏	17°53'19"	04°52'43"	00°06'43"	0.003
25/06/2047 00:00:00	♄	15°55'48" ♏	-22°29'00"	00°00'00"	00°00'16"	0.003
25/06/2047 00:00:00	♁	06°11'51" ♏	18°14'40"	04°56'40"	03°49'00"	0.003
25/06/2047 00:00:00	X	00°47'33" ♏	06°00'34"	-06°06'53"	00°00'20"	93.694
25/06/2047 00:00:00	Y	16°18'14" ♀	11°46'12"	-11°00'47"	00°00'50"	79.475
26/06/2047 00:00:00	♁	04°22'20" ♋	23°21'41"	-00°00'00"	00°57'15"	1.016
26/06/2047 00:00:00	♃	04°34'07" ♏	17°28'30"	-01°41'19"	13°02'15"	0.003
26/06/2047 00:00:00	♁	22°52'34" ♀	18°39'40"	-04°35'14"	-00°15'29"	0.600
26/06/2047 00:00:00	♁	15°31'13" ♏	16°55'24"	00°46'45"	00°35'47"	0.485
26/06/2047 00:00:00	♁	04°07'23" ♋	24°09'03"	00°46'55"	00°40'11"	2.594
26/06/2047 00:00:00	♁	16°37'11" ♏	15°48'45"	-01°01'50"	00°11'48"	5.595
26/06/2047 00:00:00	♃	01°04'46" ♏	-22°21'51"	01°03'53"	-00°04'25"	9.031
26/06/2047 00:00:00	♅	03°12'31" ♎	11°01'13"	00°44'39"	00°02'20"	18.814

Ephemerides year 2047

26/06/2047 00:00:00	♷	20°41'14" ♀	16°16'12"	-01°42'38"	00°01'44"	30.542
26/06/2047 00:00:00	♁	06°41'29" ♀	-20°27'47"	-12°19'35"	-00°00'27"	40.374
26/06/2047 00:00:00	♁	15°56'19" ♀	-22°28'56"	00°00'00"	00°00'42"	0.003
26/06/2047 00:00:00	♁	18°10'01" ♀	-07°43'21"	-00°38'55"	00°01'08"	8.246
26/06/2047 00:00:00	♁	05°26'29" ♀	17°55'20"	04°52'26"	00°06'43"	0.003
26/06/2047 00:00:00	T♁	15°56'19" ♀	-22°28'56"	00°00'00"	00°00'42"	0.003
26/06/2047 00:00:00	T♁	10°36'51" ♀	19°33'04"	04°47'37"	04°56'22"	0.003
26/06/2047 00:00:00	X	00°47'52" ♀	06°00'39"	-06°06'54"	00°00'19"	93.679
26/06/2047 00:00:00	Y	16°19'04" ♀	11°46'15"	-11°00'49"	00°00'49"	79.469
27/06/2047 00:00:00	♁	05°19'35" ♀	23°19'35"	-00°00'00"	00°57'14"	1.017
27/06/2047 00:00:00	♁	17°43'15" ♀	12°51'57"	-02°46'59"	13°16'03"	0.003
27/06/2047 00:00:00	♁	22°39'06" ♀	18°38'18"	-04°35'53"	-00°11'22"	0.611
27/06/2047 00:00:00	♁	16°06'22" ♀	16°37'30"	00°38'57"	00°34'31"	0.477
27/06/2047 00:00:00	♁	04°47'33" ♀	24°08'07" ♀	00°47'20"	00°40'09"	2.595
27/06/2047 00:00:00	♁	16°48'56" ♀	15°52'00"	-01°01'55"	00°11'42"	5.584
27/06/2047 00:00:00	♁	01°00'21" ♀	-22°21'59"	01°03'48"	-00°04'24"	9.032
27/06/2047 00:00:00	♁	03°14'52" ♀	11°00'20"	00°44'37"	00°02'22"	18.828
27/06/2047 00:00:00	♷	20°42'58" ♀	16°16'37"	-01°42'40"	00°01'43"	30.530
27/06/2047 00:00:00	♁	06°41'01" ♀	-20°28'15"	-12°19'54"	-00°00'28"	40.360

Ephemerides year 2047

27/06/2047 00:00:00	♏	15°57'09" ♀	-22°28'50"	00°00'00"	00°00'54"	0.003
27/06/2047 00:00:00	♋	18°11'13" ♀	-07°43'25"	-00°38'30"	00°01'15"	8.262
27/06/2047 00:00:00	♋	05°33'12" ♂	17°57'21"	04°52'08"	00°06'42"	0.003
27/06/2047 00:00:00	T♏	15°57'09" ♀	-22°28'50"	00°00'00"	00°00'54"	0.003
27/06/2047 00:00:00	T♋	15°52'19" ♂	20°57'42"	04°34'32"	05°27'07"	0.003
27/06/2047 00:00:00	X	00°48'12" ♂	06°00'44"	-06°06'56"	00°00'18"	93.663
27/06/2047 00:00:00	Y	16°19'54" ♀	11°46'17"	-11°00'51"	00°00'49"	79.464
28/06/2047 00:00:00	♏	06°16'49" ♀	23°17'04"	-00°00'00"	00°57'13"	1.017
28/06/2047 00:00:00	♎	01°06'20" ♀	07°34'26"	-03°44'45"	13°30'08"	0.003
28/06/2047 00:00:00	♀	22°29'54" ♀	18°38'31"	-04°35'11"	-00°07'00"	0.622
28/06/2047 00:00:00	♀	16°40'15" ♀	16°19'38"	00°30'53"	00°33'12"	0.470
28/06/2047 00:00:00	♂	05°27'41" ♀	24°06'59"	00°47'45"	00°40'07"	2.596
28/06/2047 00:00:00	♈	17°00'37" ♂	15°55'14"	-01°02'00"	00°11'37"	5.573
28/06/2047 00:00:00	♏	00°55'56" ♀	-22°22'06"	01°03'42"	-00°04'24"	9.034
28/06/2047 00:00:00	♎	03°17'17" ♀	10°59'26"	00°44'35"	00°02'25"	18.842
28/06/2047 00:00:00	♏	20°44'41" ♂	16°17'02"	-01°42'42"	00°01'42"	30.518
28/06/2047 00:00:00	♎	06°40'31" ♀	-20°28'44"	-12°20'13"	-00°00'30"	40.346
28/06/2047 00:00:00	♏	15°58'03" ♀	-22°28'44"	00°00'00"	00°00'51"	0.002
28/06/2047 00:00:00	♋	18°12'32" ♀	-07°43'32"	-00°38'05"	00°01'22"	8.278

Ephemerides year 2047

28/06/2047 00:00:00	☾	05°39'55" ♉	17°59'21"	04°51'51"	00°06'42"	0.003
28/06/2047 00:00:00	♁	15°58'03" ♉	-22°28'44"	00°00'00"	00°00'51"	0.002
28/06/2047 00:00:00	♁	21°14'37" ♉	22°13'28"	04°18'44"	05°08'52"	0.003
28/06/2047 00:00:00	X	00°48'30" ♉	06°00'49"	-06°06'57"	00°00'18"	93.648
28/06/2047 00:00:00	Y	16°20'43" ♉	11°46'20"	-11°00'53"	00°00'49"	79.458
29/06/2047 00:00:00	☉	07°14'03" ♉	23°14'09"	-00°00'00"	00°57'13"	1.017
29/06/2047 00:00:00	☾	14°43'32" ♉	01°50'43"	-04°30'56"	13°44'14"	0.003
29/06/2047 00:00:00	♀	22°25'09" ♉	18°40'17"	-04°33'09"	-00°02'27"	0.635
29/06/2047 00:00:00	♀	17°12'47" ♉	16°01'49"	00°22'32"	00°31'50"	0.462
29/06/2047 00:00:00	♂	06°07'47" ♉	24°05'38"	00°48'10"	00°40'04"	2.597
29/06/2047 00:00:00	♂	17°12'12" ♉	15°58'25"	-01°02'04"	00°11'32"	5.561
29/06/2047 00:00:00	♃	00°51'32" ♉	-22°22'14"	01°03'37"	-00°04'23"	9.035
29/06/2047 00:00:00	♃	03°19'43" ♉	10°58'31"	00°44'33"	00°02'27"	18.856
29/06/2047 00:00:00	♃	20°46'22" ♉	16°17'26"	-01°42'45"	00°01'40"	30.506
29/06/2047 00:00:00	♃	06°40'00" ♉	-20°29'13"	-12°20'31"	-00°00'31"	40.332
29/06/2047 00:00:00	♁	15°58'47" ♉	-22°28'39"	00°00'00"	00°00'36"	0.002
29/06/2047 00:00:00	♃	18°13'58" ♉	-07°43'42"	-00°37'40"	00°01'28"	8.295
29/06/2047 00:00:00	☾	05°46'38" ♉	18°01'21"	04°51'34"	00°06'42"	0.003
29/06/2047 00:00:00	♁	15°58'47" ♉	-22°28'39"	00°00'00"	00°00'36"	0.002

Ephemerides year 2047

29/06/2047 00:00:00	T♄	25°53'42" ♄	23°09'40"	04°03'11"	04°02'04"	0.003
29/06/2047 00:00:00	X	00°48'48" ♄	06°00'54"	-06°06'59"	00°00'17"	93.632
29/06/2047 00:00:00	Y	16°21'32" ♀	11°46'22"	-11°00'56"	00°00'48"	79.452
30/06/2047 00:00:00	☉	08°11'16" ☉	23°10'50"	-00°00'00"	00°57'12"	1.017
30/06/2047 00:00:00	☾	28°34'42" ♃	-04°03'24"	-05°02'17"	13°57'57"	0.002
30/06/2047 00:00:00	♀	22°25'03" ♀	18°43'32"	-04°29'53"	00°02'15"	0.648
30/06/2047 00:00:00	♀	17°43'55" ♃	15°44'06"	00°13'54"	00°30'25"	0.455
30/06/2047 00:00:00	♂	06°47'51" ☉	24°04'05" ○	00°48'35"	00°40'02"	2.598
30/06/2047 00:00:00	♃	17°23'42" ♄	16°01'34"	-01°02'09"	00°11'27"	5.550
30/06/2047 00:00:00	♅	00°47'09" ♄	-22°22'21"	01°03'31"	-00°04'22"	9.037
30/06/2047 00:00:00	♃	03°22'12" ♃	10°57'35"	00°44'31"	00°02'30"	18.870
30/06/2047 00:00:00	♃	20°48'02" ♄	16°17'50"	-01°42'47"	00°01'39"	30.494
30/06/2047 00:00:00	♁	06°39'28" ♃	-20°29'42"	-12°20'50"	-00°00'32"	40.319
30/06/2047 00:00:00	♁	15°59'13" ♄	-22°28'35"	00°00'00"	00°00'15"	0.002
30/06/2047 00:00:00	♁	18°15'30" ♃	-07°43'54"	-00°37'16"	00°01'35"	8.311
30/06/2047 00:00:00	♁	05°53'21" ♄	18°03'21"	04°51'16"	00°06'42"	0.003
30/06/2047 00:00:00	T♁	15°59'13" ♄	-22°28'35"	00°00'00"	00°00'15"	0.002
30/06/2047 00:00:00	T♄	29°07'50" ♄	23°43'17" ○	03°51'23"	02°23'00"	0.003
30/06/2047 00:00:00	X	00°49'05" ♄	06°00'59"	-06°07'00"	00°00'17"	93.616

Ephemerides year 2047

30/06/2047 00:00:00	Y	16°22'21" ♀	11°46'24"	-11°00'58"	00°00'48"	79.445
01/07/2047 00:00:00	☉	09°08'29" ♃	23°07'06"	-00°00'00"	00°57'12"	1.017
01/07/2047 00:00:00	☾	12°39'06" ♄	-09°50'46"	-05°16'11"	14°10'35"	0.002
01/07/2047 00:00:00	♀	22°29'42" ♀	18°48'15"	-04°25'25"	00°07'03"	0.663
01/07/2047 00:00:00	♀	18°13'36" ♀	15°26'30"	00°04'58"	00°28'56"	0.448
01/07/2047 00:00:00	♂	07°27'52" ♃	24°02'19" ☉	00°49'00"	00°40'00"	2.599
01/07/2047 00:00:00	♃	17°35'06" ♃	16°04'40"	-01°02'14"	00°11'21"	5.538
01/07/2047 00:00:00	♅	00°42'47" ♄	-22°22'28"	01°03'26"	-00°04'21"	9.040
01/07/2047 00:00:00	♁	03°24'43" ♁	10°56'39"	00°44'29"	00°02'32"	18.883
01/07/2047 00:00:00	♃	20°49'41" ♃	16°18'13"	-01°42'49"	00°01'38"	30.481
01/07/2047 00:00:00	♁	06°38'55" ♁	-20°30'12"	-12°21'08"	-00°00'34"	40.306
01/07/2047 00:00:00	♁	15°59'18" ♄	-22°28'35"	00°00'00"	-00°00'05"	0.002
01/07/2047 00:00:00	♃	18°17'09" ♄	-07°44'09"	-00°36'51"	00°01'42"	8.327
01/07/2047 00:00:00	♁	06°00'03" ♃	18°05'20"	04°50'58"	00°06'42"	0.003
01/07/2047 00:00:00	T♁	15°59'18" ♄	-22°28'35"	00°00'00"	-00°00'05"	0.002
01/07/2047 00:00:00	T♃	00°39'00" ♀	23°57'27" ☉	03°45'35"	00°41'56"	0.003
01/07/2047 00:00:00	X	00°49'22" ♃	06°01'03"	-06°07'02"	00°00'16"	93.600
01/07/2047 00:00:00	Y	16°23'10" ♀	11°46'26"	-11°01'01"	00°00'48"	79.438
02/07/2047 00:00:00	☉	10°05'41" ♃	23°02'58"	-00°00'00"	00°57'12"	1.017

Ephemerides year 2047

02/07/2047 00:00:00	♃	26°55'11"	♈	-15°12'03"	-05°11'00"	14°21'09"	0.002
02/07/2047 00:00:00	♆	22°39'12"	♈	18°54'19"	-04°19'51"	00°11'57"	0.678
02/07/2047 00:00:00	♀	18°41'47"	♏	15°09'02"	-00°04'15"	00°27'24"	0.441
02/07/2047 00:00:00	♂	08°07'51"	♉	24°00'22"	♌ 00°49'24"	00°39'57"	2.600
02/07/2047 00:00:00	♃	17°46'25"	♈	16°07'45"	-01°02'19"	00°11'16"	5.526
02/07/2047 00:00:00	♄	00°38'26"	♄	-22°22'35"	01°03'20"	-00°04'20"	9.042
02/07/2047 00:00:00	♃	03°27'17"	♈	10°55'41"	00°44'27"	00°02'34"	18.897
02/07/2047 00:00:00	♃	20°51'18"	♈	16°18'36"	-01°42'52"	00°01'36"	30.469
02/07/2047 00:00:00	♃	06°38'20"	♈	-20°30'42"	-12°21'27"	-00°00'35"	40.292
02/07/2047 00:00:00	♁	15°59'05"	♁	-22°28'36"	00°00'00"	-00°00'20"	0.002
02/07/2047 00:00:00	♃	18°18'54"	♈	-07°44'26"	-00°36'26"	00°01'48"	8.344
02/07/2047 00:00:00	♃	06°06'46"	♈	18°07'19"	04°50'41"	00°06'42"	0.003
02/07/2047 00:00:00	♁	15°59'05"	♁	-22°28'36"	00°00'00"	-00°00'20"	0.002
02/07/2047 00:00:00	♃	00°41'57"	♈	23°57'53"	♌ 03°45'23"	-00°29'01"	0.003
02/07/2047 00:00:00	X	00°49'38"	♈	06°01'07"	-06°07'04"	00°00'15"	93.584
02/07/2047 00:00:00	Y	16°23'58"	♈	11°46'28"	-11°01'03"	00°00'48"	79.432
03/07/2047 00:00:00	♃	11°02'53"	♈	22°58'26"	-00°00'00"	00°57'11"	1.017
03/07/2047 00:00:00	♃	11°20'21"	♈	-19°45'41"	-04°46'21"	14°28'32"	0.002
03/07/2047 00:00:00	♆	22°53'37"	♈	19°01'40"	-04°13'15"	00°16'52"	0.694

Ephemerides year 2047

03/07/2047 00:00:00	♀	19°08'24" ♈	14°51'43"	-00°13'46"	00°25'48"	0.434
03/07/2047 00:00:00	♂	08°47'48" ♉	23°58'13" ♁	00°49'49"	00°39'55"	2.601
03/07/2047 00:00:00	♃	17°57'39" ♈	16°10'47"	-01°02'24"	00°11'11"	5.514
03/07/2047 00:00:00	♅	00°34'07" ♌	-22°22'42"	01°03'14"	-00°04'18"	9.045
03/07/2047 00:00:00	♁	03°29'53" ♉	10°54'43"	00°44'26"	00°02'37"	18.910
03/07/2047 00:00:00	♃	20°52'55" ♈	16°18'59"	-01°42'54"	00°01'35"	30.456
03/07/2047 00:00:00	♅	06°37'44" ♌	-20°31'12"	-12°21'45"	-00°00'36"	40.279
03/07/2047 00:00:00	♁	15°58'40" ♉	-22°28'39"	00°00'00"	-00°00'26"	0.002
03/07/2047 00:00:00	♃	18°20'46" ♈	-07°44'46"	-00°36'02"	00°01'55"	8.360
03/07/2047 00:00:00	♁	06°13'29" ♉	18°09'18"	04°50'23"	00°06'42"	0.003
03/07/2047 00:00:00	T♁	15°58'40" ♉	-22°28'39"	00°00'00"	-00°00'26"	0.002
03/07/2047 00:00:00	T♃	29°55'54" ♈	23°50'51" ♁	03°48'19"	-00°56'10"	0.003
03/07/2047 00:00:00	X	00°49'54" ♈	06°01'11"	-06°07'05"	00°00'15"	93.568
03/07/2047 00:00:00	Y	16°24'46" ♀	11°46'29"	-11°01'06"	00°00'47"	79.424
04/07/2047 00:00:00	♁	12°00'04" ♉	22°53'30"	-00°00'00"	00°57'11"	1.017
04/07/2047 00:00:00	♃	25°50'50" ♈	-23°09'09"	-04°03'22"	14°31'38"	0.002
04/07/2047 00:00:00	♁	23°12'58" ♉	19°10'12"	-04°05'42"	00°21'49"	0.711
04/07/2047 00:00:00	♀	19°33'23" ♈	14°34'36"	-00°23'34"	00°24'09"	0.427
04/07/2047 00:00:00	♂	09°27'42" ♉	23°55'52" ♁	00°50'13"	00°39'53"	2.601

Ephemerides year 2047

04/07/2047 00:00:00	♃	18°08'48" ♉	16°13'47"	-01°02'30"	00°11'05"	5.502
04/07/2047 00:00:00	♅	00°29'48" ♄	-22°22'49"	01°03'08"	-00°04'17"	9.048
04/07/2047 00:00:00	♆	03°32'31" ♅	10°53'44"	00°44'24"	00°02'39"	18.923
04/07/2047 00:00:00	♇	20°54'29" ♉	16°19'21"	-01°42'57"	00°01'34"	30.443
04/07/2047 00:00:00	♁	06°37'07" ♉	-20°31'43"	-12°22'03"	-00°00'37"	40.267
04/07/2047 00:00:00	♁	15°58'14" ♄	-22°28'42"	00°00'00"	-00°00'25"	0.002
04/07/2047 00:00:00	♆	18°22'45" ♄	-07°45'09"	-00°35'37"	00°02'01"	8.377
04/07/2047 00:00:00	♁	06°20'12" ♉	18°11'16"	04°50'05"	00°06'43"	0.003
04/07/2047 00:00:00	♁♁	15°58'14" ♄	-22°28'42"	00°00'00"	-00°00'25"	0.002
04/07/2047 00:00:00	♁♃	28°59'58" ♉	23°41'58" ♁	03°51'51"	-00°52'42"	0.003
04/07/2047 00:00:00	X	00°50'09" ♉	06°01'14"	-06°07'07"	00°00'14"	93.552
04/07/2047 00:00:00	Y	16°25'34" ♀	11°46'31"	-11°01'09"	00°00'47"	79.417
05/07/2047 00:00:00	♁	12°57'16" ♁	22°48'10"	-00°00'00"	00°57'11"	1.017
05/07/2047 00:00:00	♁	10°21'56" ♄	-25°02'37" ♁	-03°04'45"	14°29'37"	0.002
05/07/2047 00:00:00	♁	23°37'17" ♀	19°19'48"	-03°57'16"	00°26'46"	0.729
05/07/2047 00:00:00	♁	19°56'42" ♄	14°17'42"	-00°33'41"	00°22'27"	0.420
05/07/2047 00:00:00	♁	10°07'35" ♁	23°53'19" ♁	00°50'37"	00°39'51"	2.602
05/07/2047 00:00:00	♃	18°19'50" ♉	16°16'44"	-01°02'35"	00°10'59"	5.489
05/07/2047 00:00:00	♅	00°25'32" ♄	-22°22'56"	01°03'01"	-00°04'15"	9.051

Ephemerides year 2047

05/07/2047 00:00:00	♃	03°35'11" ♍	10°52'44"	00°44'22"	00°02'41"	18.936
05/07/2047 00:00:00	♃	20°56'03" ♏	16°19'43"	-01°42'59"	00°01'32"	30.430
05/07/2047 00:00:00	♃	06°36'29" ♃	-20°32'14"	-12°22'21"	-00°00'38"	40.254
05/07/2047 00:00:00	♃	15°57'52" ♏	-22°28'45"	00°00'00"	-00°00'17"	0.002
05/07/2047 00:00:00	♃	18°24'50" ♃	-07°45'34"	-00°35'13"	00°02'08"	8.393
05/07/2047 00:00:00	♃	06°26'55" ♏	18°13'14"	04°49'46"	00°06'43"	0.003
05/07/2047 00:00:00	♃	15°57'52" ♏	-22°28'45"	00°00'00"	-00°00'17"	0.002
05/07/2047 00:00:00	♃	28°12'02" ♏	23°34'04" ♃	03°54'51"	-00°44'19"	0.003
05/07/2047 00:00:00	X	00°50'24" ♏	06°01'18"	-06°07'09"	00°00'14"	93.536
05/07/2047 00:00:00	Y	16°26'21" ♃	11°46'32"	-11°01'12"	00°00'47"	79.409
06/07/2047 00:00:00	♃	13°54'27" ♃	22°42'27"	-00°00'00"	00°57'11"	1.017
06/07/2047 00:00:00	♃	24°48'16" ♃	-25°14'26" ♃	-01°54'38"	14°22'07"	0.002
06/07/2047 00:00:00	♃	24°06'31" ♃	19°30'21"	-03°48'01"	00°31'42"	0.747
06/07/2047 00:00:00	♃	20°18'17" ♃	14°01'02"	-00°44'05"	00°20'40"	0.413
06/07/2047 00:00:00	♃	10°47'25" ♃	23°50'34" ♃	00°51'01"	00°39'49"	2.603
06/07/2047 00:00:00	♃	18°30'47" ♏	16°19'40"	-01°02'40"	00°10'54"	5.477
06/07/2047 00:00:00	♃	00°21'17" ♏	-22°23'04"	01°02'55"	-00°04'14"	9.055
06/07/2047 00:00:00	♃	03°37'54" ♍	10°51'44"	00°44'20"	00°02'43"	18.949
06/07/2047 00:00:00	♃	20°57'35" ♏	16°20'05"	-01°43'02"	00°01'31"	30.417

Ephemerides year 2047

06/07/2047 00:00:00	♁	06°35'49" ♃	-20°32'45"	-12°22'38"	-00°00'40"	40.241
06/07/2047 00:00:00	♁	15°57'39" ♃	-22°28'46"	00°00'00"	-00°00'08"	0.002
06/07/2047 00:00:00	♃	18°27'01" ♃	-07°46'01"	-00°34'48"	00°02'14"	8.410
06/07/2047 00:00:00	♁	06°33'38" ♃	18°15'12"	04°49'28"	00°06'43"	0.003
06/07/2047 00:00:00	♁♁	15°57'39" ♃	-22°28'46"	00°00'00"	-00°00'08"	0.002
06/07/2047 00:00:00	♁♃	27°26'17" ♃	23°26'17" ♁	03°57'40"	-00°50'34"	0.003
06/07/2047 00:00:00	X	00°50'38" ♃	06°01'21"	-06°07'10"	00°00'13"	93.519
06/07/2047 00:00:00	Y	16°27'08" ♃	11°46'33"	-11°01'16"	00°00'47"	79.401
07/07/2047 00:00:00	♁	14°51'38" ♃	22°36'20"	00°00'00"	00°57'11"	1.017
07/07/2047 00:00:00	♁	09°04'27" ♃	-23°45'23" ♁	-00°38'05"	14°09'26"	0.002
07/07/2047 00:00:00	♃	24°40'41" ♃	19°41'44"	-03°38'02"	00°36'36"	0.766
07/07/2047 00:00:00	♃	20°38'03" ♃	13°44'37"	-00°54'48"	00°18'51"	0.407
07/07/2047 00:00:00	♃	11°27'13" ♃	23°47'37" ♁	00°51'25"	00°39'47"	2.603
07/07/2047 00:00:00	♃	18°41'39" ♃	16°22'33"	-01°02'46"	00°10'48"	5.465
07/07/2047 00:00:00	♃	00°17'04" ♃	-22°23'11"	01°02'48"	-00°04'12"	9.059
07/07/2047 00:00:00	♃	03°40'39" ♃	10°50'42"	00°44'19"	00°02'45"	18.961
07/07/2047 00:00:00	♃	20°59'05" ♃	16°20'26"	-01°43'05"	00°01'29"	30.403
07/07/2047 00:00:00	♁	06°35'09" ♃	-20°33'16"	-12°22'56"	-00°00'41"	40.229
07/07/2047 00:00:00	♁	15°57'35" ♃	-22°28'47"	00°00'00"	-00°00'01"	0.002

Ephemerides year 2047

07/07/2047 00:00:00	♁	18°29'20"	♈	-07°46'31"	-00°34'24"	00°02'21"	8.426
07/07/2047 00:00:00	♁	06°40'21"	♈	18°17'09"	04°49'09"	00°06'43"	0.003
07/07/2047 00:00:00	♁	15°57'35"	♈	-22°28'47"	00°00'00"	-00°00'01"	0.002
07/07/2047 00:00:00	♁	26°23'41"	♈	23°15'12"	04°01'27"	-01°18'00"	0.003
07/07/2047 00:00:00	X	00°50'52"	♈	06°01'24"	-06°07'12"	00°00'13"	93.503
07/07/2047 00:00:00	Y	16°27'55"	♈	11°46'34"	-11°01'19"	00°00'46"	79.393
08/07/2047 00:00:00	♁	15°48'49"	♈	22°29'49"	00°00'00"	00°57'11"	1.017
08/07/2047 00:00:00	♁	23°05'43"	♈	-20°48'32"	00°39'28"	13°52'29"	0.003
08/07/2047 00:00:00	♁	25°19'44"	♈	19°53'48"	-03°27'23"	00°41'28"	0.786
08/07/2047 00:00:00	♁	20°55'58"	♈	13°28'31"	-01°05'48"	00°16'58"	0.400
08/07/2047 00:00:00	♁	12°06'59"	♈	23°44'29"	00°51'48"	00°39'44"	2.604
08/07/2047 00:00:00	♁	18°52'24"	♈	16°25'24"	-01°02'52"	00°10'42"	5.452
08/07/2047 00:00:00	♁	00°12'52"	♈	-22°23'18"	01°02'42"	-00°04'10"	9.063
08/07/2047 00:00:00	♁	03°43'26"	♈	10°49'40"	00°44'17"	00°02'47"	18.974
08/07/2047 00:00:00	♁	21°00'34"	♈	16°20'46"	-01°43'07"	00°01'28"	30.389
08/07/2047 00:00:00	♁	06°34'27"	♈	-20°33'48"	-12°23'13"	-00°00'42"	40.217
08/07/2047 00:00:00	♁	15°57'35"	♈	-22°28'47"	00°00'00"	00°00'00"	0.002
08/07/2047 00:00:00	♁	18°31'44"	♈	-07°47'04"	-00°34'00"	00°02'27"	8.443
08/07/2047 00:00:00	♁	06°47'04"	♈	18°19'07"	04°48'51"	00°06'42"	0.003

Ephemerides year 2047

08/07/2047 00:00:00	T♁	15°57'35" ♁	-22°28'47"	00°00'00"	00°00'00"	0.002
08/07/2047 00:00:00	T♁	24°44'55" ♁	22°56'44"	04°07'15"	-02°01'09"	0.003
08/07/2047 00:00:00	X	00°51'04" ♁	06°01'27"	-06°07'14"	00°00'12"	93.486
08/07/2047 00:00:00	Y	16°28'42" ♁	11°46'35"	-11°01'22"	00°00'46"	79.385
09/07/2047 00:00:00	♁	16°46'00" ♁	22°22'55"	00°00'00"	00°57'11"	1.017
09/07/2047 00:00:00	♁	06°48'28" ♁	-16°44'32"	01°53'03"	13°32'38"	0.003
09/07/2047 00:00:00	♁	26°03'37" ♁	20°06'25"	-03°16'09"	00°46'17"	0.807
09/07/2047 00:00:00	♁	21°11'58" ♁	13°12'43"	-01°17'05"	00°15'01"	0.394
09/07/2047 00:00:00	♁	12°46'43" ♁	23°41'09"	00°52'12"	00°39'42"	2.605
09/07/2047 00:00:00	♁	19°03'03" ♁	16°28'12"	-01°02'57"	00°10'36"	5.439
09/07/2047 00:00:00	♁	00°08'43" ♁	-22°23'25"	01°02'35"	-00°04'08"	9.068
09/07/2047 00:00:00	♁	03°46'15" ♁	10°48'37"	00°44'15"	00°02'49"	18.986
09/07/2047 00:00:00	♁	21°02'01" ♁	16°21'06"	-01°43'10"	00°01'26"	30.376
09/07/2047 00:00:00	♁	06°33'43" ♁	-20°34'20"	-12°23'30"	-00°00'43"	40.205
09/07/2047 00:00:00	♁	15°57'34" ♁	-22°28'47"	00°00'00"	-00°00'03"	0.002
09/07/2047 00:00:00	♁	18°34'15" ♁	-07°47'39"	-00°33'36"	00°02'33"	8.460
09/07/2047 00:00:00	♁	06°53'47" ♁	18°21'03"	04°48'32"	00°06'42"	0.003
09/07/2047 00:00:00	T♁	15°57'34" ♁	-22°28'47"	00°00'00"	-00°00'03"	0.002
09/07/2047 00:00:00	T♁	22°20'53" ♁	22°27'45"	04°15'20"	-02°45'36"	0.003

Ephemerides year 2047

09/07/2047 00:00:00	X	00°51'17" ♄	06°01'29"	-06°07'16"	00°00'11"	93.470
09/07/2047 00:00:00	Y	16°29'28" ♀	11°46'36"	-11°01'26"	00°00'45"	79.376
10/07/2047 00:00:00	♁	17°43'11" ♁	22°15'38"	00°00'00"	00°57'11"	1.017
10/07/2047 00:00:00	♂	20°10'35" ♁	-11°55'48"	02°58'31"	13°11'31"	0.003
10/07/2047 00:00:00	♀	26°52'17" ♀	20°19'27"	-03°04'23"	00°51'02"	0.828
10/07/2047 00:00:00	♀	21°26'00" ♀	12°57'17"	-01°28'40"	00°13'01"	0.388
10/07/2047 00:00:00	♂	13°26'25" ♁	23°37'38"	00°52'35"	00°39'40"	2.605
10/07/2047 00:00:00	♃	19°13'37" ♄	16°30'59"	-01°03'03"	00°10'30"	5.426
10/07/2047 00:00:00	♃	00°04'35" ♄	-22°23'32"	01°02'28"	-00°04'06"	9.073
10/07/2047 00:00:00	♃	03°49'06" ♄	10°47'34"	00°44'14"	00°02'51"	18.998
10/07/2047 00:00:00	♃	21°03'27" ♄	16°21'26"	-01°43'13"	00°01'25"	30.362
10/07/2047 00:00:00	♃	06°32'59" ♄	-20°34'53"	-12°23'47"	-00°00'45"	40.193
10/07/2047 00:00:00	♁	15°57'27" ♄	-22°28'48"	00°00'00"	-00°00'10"	0.002
10/07/2047 00:00:00	♃	18°36'52" ♄	-07°48'17"	-00°33'12"	00°02'40"	8.476
10/07/2047 00:00:00	♃	07°00'30" ♄	18°23'00"	04°48'13"	00°06'42"	0.003
10/07/2047 00:00:00	T♁	15°57'27" ♄	-22°28'48"	00°00'00"	-00°00'10"	0.002
10/07/2047 00:00:00	T♃	19°19'16" ♄	21°47'49"	04°24'51"	-03°13'35"	0.003
10/07/2047 00:00:00	X	00°51'28" ♄	06°01'31"	-06°07'17"	00°00'11"	93.453
10/07/2047 00:00:00	Y	16°30'14" ♀	11°46'37"	-11°01'30"	00°00'45"	79.367

Ephemerides year 2047

11/07/2047 00:00:00	♁	18°40'23" ♁	22°07'58"	00°00'00"	00°57'11"	1.017
11/07/2047 00:00:00	♃	03°11'38" ♃	-06°42'30"	03°52'54"	12°50'45"	0.003
11/07/2047 00:00:00	♄	27°45'41" ♄	20°32'44"	-02°52'10"	00°55'45"	0.849
11/07/2047 00:00:00	♅	21°38'00" ♅	12°42'12"	-01°40'31"	00°10'58"	0.381
11/07/2047 00:00:00	♆	14°06'04" ♆	23°33'55"	♁ 00°52'58"	00°39'38"	2.605
11/07/2047 00:00:00	♇	19°24'04" ♇	16°33'42"	-01°03'09"	00°10'23"	5.413
11/07/2047 00:00:00	♈	00°00'30" ♈	-22°23'39"	01°02'22"	-00°04'04"	9.078
11/07/2047 00:00:00	♉	03°51'59" ♉	10°46'30"	00°44'12"	00°02'53"	19.010
11/07/2047 00:00:00	♊	21°04'51" ♊	16°21'45"	-01°43'16"	00°01'23"	30.347
11/07/2047 00:00:00	♋	06°32'13" ♋	-20°35'26"	-12°24'03"	-00°00'46"	40.181
11/07/2047 00:00:00	♌	15°57'12" ♌	-22°28'50"	00°00'00"	-00°00'19"	0.002
11/07/2047 00:00:00	♍	18°39'35" ♍	-07°48'57"	-00°32'48"	00°02'46"	8.493
11/07/2047 00:00:00	♎	07°07'13" ♎	18°24'56"	04°47'54"	00°06'42"	0.003
11/07/2047 00:00:00	T♌	15°57'12" ♌	-22°28'50"	00°00'00"	-00°00'19"	0.002
11/07/2047 00:00:00	T♍	16°03'12" ♍	21°00'40"	04°34'17"	-03°13'33"	0.003
11/07/2047 00:00:00	X	00°51'39" ♈	06°01'33"	-06°07'19"	00°00'10"	93.436
11/07/2047 00:00:00	Y	16°30'59" ♄	11°46'37"	-11°01'34"	00°00'45"	79.358
12/07/2047 00:00:00	♁	19°37'35" ♁	21°59'55"	00°00'00"	00°57'11"	1.017
12/07/2047 00:00:00	♃	15°52'42" ♃	-01°21'02"	04°34'21"	12°31'47"	0.003

Ephemerides year 2047

12/07/2047 00:00:00	♀	28°43'46" ♀	20°46'06"	-02°39'33"	01°00'24"	0.872
12/07/2047 00:00:00	♀	21°47'56" ♀	12°27'32"	-01°52'39"	00°08'52"	0.375
12/07/2047 00:00:00	♂	14°45'42" ♂	23°30'01" ♀	00°53'21"	00°39'36"	2.606
12/07/2047 00:00:00	♃	19°34'24" ♂	16°36'24"	-01°03'15"	00°10'17"	5.400
12/07/2047 00:00:00	♃	29°56'27" ♂	-22°23'46"	01°02'14"	-00°04'01"	9.083
12/07/2047 00:00:00	♃	03°54'54" ♀	10°45'25"	00°44'11"	00°02'55"	19.022
12/07/2047 00:00:00	♃	21°06'14" ♂	16°22'04"	-01°43'18"	00°01'21"	30.333
12/07/2047 00:00:00	♃	06°31'27" ♀	-20°35'59"	-12°24'20"	-00°00'47"	40.170
12/07/2047 00:00:00	♃	15°56'50" ♂	-22°28'52"	00°00'00"	-00°00'24"	0.002
12/07/2047 00:00:00	♃	18°42'24" ♀	-07°49'39"	-00°32'24"	00°02'52"	8.509
12/07/2047 00:00:00	♃	07°13'56" ♂	18°26'52"	04°47'34"	00°06'42"	0.003
12/07/2047 00:00:00	♃	15°56'50" ♂	-22°28'52"	00°00'00"	-00°00'24"	0.002
12/07/2047 00:00:00	♃	13°00'59" ♂	20°13'15"	04°42'15"	-02°47'24"	0.003
12/07/2047 00:00:00	X	00°51'49" ♂	06°01'35"	-06°07'21"	00°00'09"	93.419
12/07/2047 00:00:00	Y	16°31'44" ♀	11°46'37"	-11°01'38"	00°00'44"	79.349
13/07/2047 00:00:00	♃	20°34'47" ♂	21°51'29"	00°00'00"	00°57'12"	1.017
13/07/2047 00:00:00	♃	28°16'12" ♀	03°55'43"	05°01'54"	12°15'47"	0.003
13/07/2047 00:00:00	♀	29°46'28" ♀	20°59'24"	-02°26'36"	01°04'59"	0.894
13/07/2047 00:00:00	♀	21°55'43" ♀	12°13'18"	-02°05'03"	00°06'42"	0.369

Ephemerides year 2047

13/07/2047 00:00:00	♂	15°25'18" ♃	23°25'55"	00°53'43"	00°39'34"	2.606
13/07/2047 00:00:00	♃	19°44'39" ♃	16°39'03"	-01°03'21"	00°10'11"	5.387
13/07/2047 00:00:00	♃	29°52'26" ♃	-22°23'53"	01°02'07"	-00°03'59"	9.089
13/07/2047 00:00:00	♃	03°57'50" ♃	10°44'19"	00°44'09"	00°02'57"	19.033
13/07/2047 00:00:00	♃	21°07'35" ♃	16°22'23"	-01°43'21"	00°01'20"	30.319
13/07/2047 00:00:00	♃	06°30'39" ♃	-20°36'32"	-12°24'36"	-00°00'48"	40.159
13/07/2047 00:00:00	♃	15°56'25" ♃	-22°28'55"	00°00'00"	-00°00'23"	0.002
13/07/2047 00:00:00	♃	18°45'20" ♃	-07°50'24"	-00°32'01"	00°02'58"	8.526
13/07/2047 00:00:00	♃	07°20'38" ♃	18°28'48"	04°47'15"	00°06'42"	0.003
13/07/2047 00:00:00	♃	15°56'25" ♃	-22°28'55"	00°00'00"	-00°00'23"	0.002
13/07/2047 00:00:00	♃	10°32'47" ♃	19°32'16"	04°48'09"	-02°08'07"	0.003
13/07/2047 00:00:00	X	00°51'59" ♃	06°01'37"	-06°07'23"	00°00'09"	93.403
13/07/2047 00:00:00	Y	16°32'28" ♃	11°46'37"	-11°01'42"	00°00'44"	79.339
14/07/2047 00:00:00	♃	21°31'59" ♃	21°42'41"	00°00'00"	00°57'12"	1.017
14/07/2047 00:00:00	♃	10°25'33" ♃	08°57'27"	05°15'19"	12°03'36"	0.003
14/07/2047 00:00:00	♃	00°53'44" ♃	21°12'26"	-02°13'23"	01°09'31"	0.917
14/07/2047 00:00:00	♃	22°01'20" ♃	11°59'31"	-02°17'42"	00°04'30"	0.364
14/07/2047 00:00:00	♃	16°04'52" ♃	23°21'38"	00°54'06"	00°39'33"	2.606
14/07/2047 00:00:00	♃	19°54'47" ♃	16°41'40"	-01°03'27"	00°10'04"	5.374

Ephemerides year 2047

14/07/2047 00:00:00	♃	29°48'28" ♏	-22°24'00"	01°02'00"	-00°03'56"	9.095
14/07/2047 00:00:00	♃	04°00'49" ♏	10°43'12"	00°44'08"	00°02'59"	19.044
14/07/2047 00:00:00	♃	21°08'55" ♏	16°22'40"	-01°43'24"	00°01'18"	30.304
14/07/2047 00:00:00	♃	06°29'50" ♏	-20°37'05"	-12°24'52"	-00°00'49"	40.148
14/07/2047 00:00:00	♃	15°56'05" ♏	-22°28'58"	00°00'00"	-00°00'15"	0.002
14/07/2047 00:00:00	♃	18°48'22" ♏	-07°51'11"	-00°31'37"	00°03'04"	8.543
14/07/2047 00:00:00	♃	07°27'21" ♏	18°30'43"	04°46'55"	00°06'42"	0.003
14/07/2047 00:00:00	♃	15°56'05" ♏	-22°28'58"	00°00'00"	-00°00'15"	0.002
14/07/2047 00:00:00	♃	08°44'02" ♏	19°00'54"	04°52'08"	-01°30'45"	0.003
14/07/2047 00:00:00	X	00°52'08" ♏	06°01'38"	-06°07'25"	00°00'08"	93.386
14/07/2047 00:00:00	Y	16°33'12" ♏	11°46'37"	-11°01'46"	00°00'43"	79.329
15/07/2047 00:00:00	♃	22°29'13" ♏	21°33'31"	00°00'00"	00°57'13"	1.017
15/07/2047 00:00:00	♃	22°24'52" ♏	13°35'07"	05°14'45"	11°55'45"	0.003
15/07/2047 00:00:00	♃	02°05'29" ♏	21°25'04"	-01°59'58"	01°13'58"	0.940
15/07/2047 00:00:00	♃	22°04'44" ♏	11°46'13"	-02°30'36"	00°02'15"	0.358
15/07/2047 00:00:00	♃	16°44'24" ♏	23°17'10"	00°54'28"	00°39'31"	2.607
15/07/2047 00:00:00	♃	20°04'48" ♏	16°44'14"	-01°03'34"	00°09'58"	5.360
15/07/2047 00:00:00	♃	29°44'33" ♏	-22°24'07"	01°01'53"	-00°03'53"	9.101
15/07/2047 00:00:00	♃	04°03'50" ♏	10°42'05"	00°44'06"	00°03'01"	19.055

Ephemerides year 2047

15/07/2047 00:00:00	♃	21°10'13" ♏	16°22'58"	-01°43'27"	00°01'17"	30.290
15/07/2047 00:00:00	♄	06°28'59" ♏	-20°37'39"	-12°25'08"	-00°00'50"	40.137
15/07/2047 00:00:00	♅	15°55'56" ♏	-22°28'59"	00°00'00"	-00°00'00"	0.002
15/07/2047 00:00:00	♆	18°51'30" ♏	-07°52'01"	-00°31'13"	00°03'11"	8.559
15/07/2047 00:00:00	♁	07°34'04" ♏	18°32'38"	04°46'36"	00°06'42"	0.003
15/07/2047 00:00:00	T♅	15°55'56" ♏	-22°28'59"	00°00'00"	-00°00'00"	0.002
15/07/2047 00:00:00	T♁	07°26'59" ♏	18°38'01"	04°54'48"	-01°06'03"	0.003
15/07/2047 00:00:00	X	00°52'16" ♏	06°01'39"	-06°07'26"	00°00'08"	93.369
15/07/2047 00:00:00	Y	16°33'56" ♏	11°46'37"	-11°01'50"	00°00'43"	79.319
16/07/2047 00:00:00	♁	23°26'26" ♏	21°23'58"	00°00'00"	00°57'14"	1.016
16/07/2047 00:00:00	♂	04°18'37" ♏	17°39'56"	05°00'42"	11°52'30"	0.003
16/07/2047 00:00:00	♆	03°21'40" ♏	21°37'05"	-01°46'24"	01°18'22"	0.964
16/07/2047 00:00:00	♂	22°05'51" ♏	11°33'27"	-02°43'42"	-00°00'01"	0.353
16/07/2047 00:00:00	♂	17°23'55" ♏	23°12'31"	00°54'50"	00°39'29"	2.607
16/07/2047 00:00:00	♂	20°14'43" ♏	16°46'46"	-01°03'40"	00°09'51"	5.347
16/07/2047 00:00:00	♁	29°40'40" ♏	-22°24'14"	01°01'45"	-00°03'51"	9.108
16/07/2047 00:00:00	♁	04°06'52" ♏	10°40'58"	00°44'05"	00°03'03"	19.066
16/07/2047 00:00:00	♃	21°11'29" ♏	16°23'15"	-01°43'30"	00°01'15"	30.275
16/07/2047 00:00:00	♄	06°28'08" ♏	-20°38'13"	-12°25'24"	-00°00'51"	40.126

Ephemerides year 2047

16/07/2047 00:00:00	♏	15°56'06" ♀	-22°28'58"	00°00'00"	00°00'19"	0.002
16/07/2047 00:00:00	♋	18°54'44" ♀	-07°52'53"	-00°30'50"	00°03'17"	8.576
16/07/2047 00:00:00	♌	07°40'47" ♂	18°34'33"	04°46'16"	00°06'42"	0.003
16/07/2047 00:00:00	♏	15°56'06" ♀	-22°28'58"	00°00'00"	00°00'19"	0.002
16/07/2047 00:00:00	♌	06°25'58" ♂	18°19'32"	04°56'48"	-00°59'04"	0.003
16/07/2047 00:00:00	X	00°52'24" ♂	06°01'40"	-06°07'28"	00°00'07"	93.352
16/07/2047 00:00:00	Y	16°34'39" ♀	11°46'37"	-11°01'55"	00°00'43"	79.309
17/07/2047 00:00:00	♏	24°23'41" ♀	21°14'04"	00°00'00"	00°57'14"	1.016
17/07/2047 00:00:00	♎	16°11'24" ♂	21°02'37"	04°33'49"	11°53'48"	0.003
17/07/2047 00:00:00	♌	04°42'12" ♀	21°48'18"	-01°32'45"	01°22'40"	0.988
17/07/2047 00:00:00	♌	22°04'40" ♀	11°21'13"	-02°57'01"	-00°02'20"	0.347
17/07/2047 00:00:00	♌	18°03'23" ♀	23°07'40"	00°55'12"	00°39'27"	2.607
17/07/2047 00:00:00	♌	20°24'31" ♂	16°49'16"	-01°03'47"	00°09'44"	5.333
17/07/2047 00:00:00	♌	29°36'51" ♂	-22°24'21"	01°01'38"	-00°03'48"	9.114
17/07/2047 00:00:00	♌	04°09'57" ♀	10°39'49"	00°44'03"	00°03'05"	19.077
17/07/2047 00:00:00	♌	21°12'44" ♂	16°23'31"	-01°43'33"	00°01'13"	30.260
17/07/2047 00:00:00	♌	06°27'16" ♀	-20°38'47"	-12°25'39"	-00°00'52"	40.116
17/07/2047 00:00:00	♏	15°56'36" ♀	-22°28'54"	00°00'00"	00°00'39"	0.002
17/07/2047 00:00:00	♋	18°58'04" ♀	-07°53'48"	-00°30'27"	00°03'23"	8.592

Ephemerides year 2047

17/07/2047 00:00:00	☾	07°47'29" ♉	18°36'27"	04°45'56"	00°06'42"	0.003
17/07/2047 00:00:00	♁	15°56'36" ♉	-22°28'54"	00°00'00"	00°00'39"	0.002
17/07/2047 00:00:00	♁	05°22'48" ♉	18°00'04"	04°58'47"	-01°09'59"	0.003
17/07/2047 00:00:00	X	00°52'31" ♉	06°01'41"	-06°07'30"	00°00'06"	93.335
17/07/2047 00:00:00	Y	16°35'22" ♉	11°46'36"	-11°01'59"	00°00'42"	79.298
18/07/2047 00:00:00	☉	25°20'56" ♉	21°03'47"	00°00'00"	00°57'15"	1.016
18/07/2047 00:00:00	☾	28°07'41" ♉	23°33'14"	03°55'00"	11°59'28"	0.003
18/07/2047 00:00:00	♀	06°07'00" ♉	21°58'31"	-01°19'05"	01°26'53"	1.012
18/07/2047 00:00:00	♀	22°01'10" ♉	11°09'33"	-03°10'30"	-00°04'41"	0.342
18/07/2047 00:00:00	♂	18°42'50" ♉	23°02'39"	00°55'34"	00°39'25"	2.607
18/07/2047 00:00:00	♃	20°34'13" ♉	16°51'43"	-01°03'53"	00°09'37"	5.320
18/07/2047 00:00:00	♃	29°33'04" ♉	-22°24'27"	01°01'30"	-00°03'44"	9.122
18/07/2047 00:00:00	♃	04°13'03" ♉	10°38'40"	00°44'02"	00°03'07"	19.088
18/07/2047 00:00:00	♃	21°13'57" ♉	16°23'47"	-01°43'36"	00°01'12"	30.245
18/07/2047 00:00:00	♃	06°26'23" ♉	-20°39'21"	-12°25'54"	-00°00'53"	40.105
18/07/2047 00:00:00	♁	15°57'23" ♉	-22°28'48"	00°00'00"	00°00'54"	0.002
18/07/2047 00:00:00	♃	19°01'31" ♉	-07°54'45"	-00°30'04"	00°03'29"	8.609
18/07/2047 00:00:00	☾	07°54'12" ♉	18°38'21"	04°45'36"	00°06'42"	0.003
18/07/2047 00:00:00	♁	15°57'23" ♉	-22°28'48"	00°00'00"	00°00'54"	0.002

Ephemerides year 2047

18/07/2047 00:00:00	T♄	04°01'29" ♄	17°34'28"	05°01'09"	-01°34'11"	0.003
18/07/2047 00:00:00	X	00°52'37" ♄	06°01'41"	-06°07'32"	00°00'06"	93.318
18/07/2047 00:00:00	Y	16°36'04" ♀	11°46'35"	-11°02'04"	00°00'42"	79.287
19/07/2047 00:00:00	☉	26°18'11" ☉	20°53'10"	00°00'00"	00°57'15"	1.016
19/07/2047 00:00:00	☾	10°11'38" ♀	25°01'46" ☾	03°05'26"	12°09'00"	0.003
19/07/2047 00:00:00	♁	07°35'58" ☉	22°07'34"	-01°05'28"	01°31'00"	1.035
19/07/2047 00:00:00	♂	21°55'18" ♄	10°58'30"	-03°24'08"	-00°07'02"	0.337
19/07/2047 00:00:00	♂	19°22'15" ☉	22°57'27"	00°55'55"	00°39'24"	2.607
19/07/2047 00:00:00	♃	20°43'47" ♄	16°54'08"	-01°04'00"	00°09'30"	5.306
19/07/2047 00:00:00	♅	29°29'21" ♄	-22°24'34"	01°01'22"	-00°03'41"	9.129
19/07/2047 00:00:00	♁	04°16'11" ♃	10°37'30"	00°44'01"	00°03'08"	19.098
19/07/2047 00:00:00	♁	21°15'08" ♄	16°24'03"	-01°43'39"	00°01'10"	30.230
19/07/2047 00:00:00	♁	06°25'28" ♃	-20°39'55"	-12°26'09"	-00°00'54"	40.095
19/07/2047 00:00:00	♁	15°58'22" ♄	-22°28'41"	00°00'00"	00°01'00"	0.003
19/07/2047 00:00:00	♁	19°05'03" ♃	-07°55'44"	-00°29'40"	00°03'35"	8.626
19/07/2047 00:00:00	♁	08°00'55" ♄	18°40'15"	04°45'15"	00°06'42"	0.003
19/07/2047 00:00:00	T♁	15°58'22" ♄	-22°28'41"	00°00'00"	00°01'00"	0.003
19/07/2047 00:00:00	T♄	02°13'18" ♄	16°59'33"	05°04'00"	-02°01'34"	0.003
19/07/2047 00:00:00	X	00°52'43" ♄	06°01'42"	-06°07'34"	00°00'05"	93.300

Ephemerides year 2047

19/07/2047 00:00:00	Y	16°36'46" ♀	11°46'34"	-11°02'09"	00°00'41"	79.276
20/07/2047 00:00:00	☉	27°15'28" ♁	20°42'11"	00°00'00"	00°57'16"	1.016
20/07/2047 00:00:00	☾	22°26'47" ♀	25°19'35" ♁	02°06'41"	12°21'47"	0.003
20/07/2047 00:00:00	♋	09°08'58" ♁	22°15'13"	-00°51'58"	01°34'59"	1.059
20/07/2047 00:00:00	♌	21°47'04" ♁	10°48'04"	-03°37'54"	-00°09'25"	0.333
20/07/2047 00:00:00	♍	20°01'38" ♁	22°52'05"	00°56'17"	00°39'22"	2.607
20/07/2047 00:00:00	♎	20°53'14" ♁	16°56'30"	-01°04'07"	00°09'23"	5.292
20/07/2047 00:00:00	♏	29°25'41" ♁	-22°24'41"	01°01'14"	-00°03'38"	9.136
20/07/2047 00:00:00	♐	04°19'21" ♁	10°36'20"	00°43'59"	00°03'10"	19.108
20/07/2047 00:00:00	♑	21°16'18" ♁	16°24'18"	-01°43'42"	00°01'08"	30.214
20/07/2047 00:00:00	♒	06°24'33" ♁	-20°40'30"	-12°26'24"	-00°00'55"	40.086
20/07/2047 00:00:00	♓	15°59'19" ♁	-22°28'35"	00°00'00"	00°00'52"	0.003
20/07/2047 00:00:00	♈	19°08'42" ♁	-07°56'45"	-00°29'17"	00°03'41"	8.642
20/07/2047 00:00:00	♉	08°07'38" ♁	18°42'08"	04°44'55"	00°06'42"	0.003
20/07/2047 00:00:00	T♊	15°59'19" ♁	-22°28'35"	00°00'00"	00°00'52"	0.003
20/07/2047 00:00:00	T♋	00°02'18" ♁	16°16'01"	05°07'01"	-02°17'03"	0.003
20/07/2047 00:00:00	X	00°52'49" ♁	06°01'42"	-06°07'36"	00°00'05"	93.283
20/07/2047 00:00:00	Y	16°37'28" ♀	11°46'33"	-11°02'14"	00°00'41"	79.265
21/07/2047 00:00:00	☉	28°12'45" ♁	20°30'51"	00°00'00"	00°57'17"	1.016

Ephemerides year 2047

21/07/2047 00:00:00	♃	04°56'01" ♉	24°21'19" ♋	01°00'52"	12°36'59"	0.003
21/07/2047 00:00:00	♆	10°45'55" ♉	22°21'18"	-00°38'39"	01°38'51"	1.083
21/07/2047 00:00:00	♀	21°36'27" ♋	10°38'18"	-03°51'45"	-00°11'47"	0.328
21/07/2047 00:00:00	♂	20°40'59" ♉	22°46'31"	00°56'38"	00°39'20"	2.606
21/07/2047 00:00:00	♂	21°02'34" ♉	16°58'50"	-01°04'14"	00°09'16"	5.278
21/07/2047 00:00:00	♃	29°22'04" ♋	-22°24'48"	01°01'07"	-00°03'34"	9.144
21/07/2047 00:00:00	♃	04°22'32" ♋	10°35'09"	00°43'58"	00°03'12"	19.118
21/07/2047 00:00:00	♃	21°17'26" ♉	16°24'33"	-01°43'45"	00°01'07"	30.199
21/07/2047 00:00:00	♃	06°23'37" ♋	-20°41'05"	-12°26'38"	-00°00'56"	40.076
21/07/2047 00:00:00	♁	16°00'01" ♋	-22°28'30"	00°00'00"	00°00'29"	0.003
21/07/2047 00:00:00	♃	19°12'26" ♉	-07°57'49"	-00°28'54"	00°03'47"	8.658
21/07/2047 00:00:00	♁	08°14'21" ♉	18°44'01"	04°44'34"	00°06'42"	0.003
21/07/2047 00:00:00	♁	16°00'01" ♋	-22°28'30"	00°00'00"	00°00'29"	0.003
21/07/2047 00:00:00	♁	27°48'16" ♋	15°30'05"	05°09'34"	-02°05'37"	0.003
21/07/2047 00:00:00	X	00°52'54" ♉	06°01'41"	-06°07'38"	00°00'04"	93.266
21/07/2047 00:00:00	Y	16°38'09" ♋	11°46'32"	-11°02'19"	00°00'40"	79.254
22/07/2047 00:00:00	♁	29°10'02" ♉	20°19'11"	00°00'00"	00°57'17"	1.016
22/07/2047 00:00:00	♃	17°41'14" ♉	22°06'39"	-00°09'18"	12°53'35"	0.003
22/07/2047 00:00:00	♆	12°26'37" ♉	22°25'36"	-00°25'35"	01°42'32"	1.106

Ephemerides year 2047

22/07/2047 00:00:00	♀	21°23'28" ♏r	10°29'13"	-04°05'39"	-00°14'09"	0.324
22/07/2047 00:00:00	♂	21°20'19" ♉	22°40'47"	00°56'59"	00°39'18"	2.606
22/07/2047 00:00:00	♃	21°11'47" ♉	17°01'08"	-01°04'21"	00°09'08"	5.264
22/07/2047 00:00:00	♅	29°18'31" ♋r	-22°24'55"	01°00'58"	-00°03'31"	9.152
22/07/2047 00:00:00	♁	04°25'45" ♉	10°33'57"	00°43'57"	00°03'13"	19.127
22/07/2047 00:00:00	♃	21°18'32" ♉	16°24'47"	-01°43'48"	00°01'05"	30.183
22/07/2047 00:00:00	♁	06°22'40" ♋r	-20°41'40"	-12°26'53"	-00°00'57"	40.067
22/07/2047 00:00:00	♁	16°00'15" ♋r	-22°28'28"	00°00'00"	-00°00'04"	0.003
22/07/2047 00:00:00	♃	19°16'17" ♉	-07°58'56"	-00°28'32"	00°03'53"	8.675
22/07/2047 00:00:00	♁	08°21'04" ♉	18°45'54"	04°44'14"	00°06'42"	0.003
22/07/2047 00:00:00	T♁	16°00'15" ♋r	-22°28'28"	00°00'00"	-00°00'04"	0.003
22/07/2047 00:00:00	T♃	26°02'11" ♋r	14°52'46"	05°11'10"	-01°21'15"	0.003
22/07/2047 00:00:00	X	00°52'58" ♉	06°01'41"	-06°07'40"	00°00'03"	93.249
22/07/2047 00:00:00	Y	16°38'50" ♉	11°46'31"	-11°02'24"	00°00'40"	79.242
23/07/2047 00:00:00	☾	00°07'20" ♏	20°07'10"	-00°00'00"	00°57'18"	1.016
23/07/2047 00:00:00	♃	00°43'19" ♏	18°40'53"	-01°20'27"	13°10'33"	0.003
23/07/2047 00:00:00	♃	14°10'55" ♉	22°27'58"	-00°12'50"	01°46'01"	1.129
23/07/2047 00:00:00	♀	21°08'09" ♏r	10°20'50"	-04°19'34"	-00°16'29"	0.320
23/07/2047 00:00:00	♂	21°59'36" ♉	22°34'53"	00°57'20"	00°39'16"	2.606

Ephemerides year 2047

23/07/2047 00:00:00	♃	21°20'52" ♂	17°03'23"	-01°04'28"	00°09'01"	5.250
23/07/2047 00:00:00	♅	29°15'02" ♀	-22°25'02"	01°00'50"	-00°03'27"	9.161
23/07/2047 00:00:00	♁	04°29'00" ♀	10°32'45"	00°43'55"	00°03'15"	19.137
23/07/2047 00:00:00	♆	21°19'37" ♂	16°25'00"	-01°43'52"	00°01'03"	30.168
23/07/2047 00:00:00	♁	06°21'42" ♀	-20°42'15"	-12°27'06"	-00°00'58"	40.058
23/07/2047 00:00:00	♁	15°59'49" ♀	-22°28'31"	00°00'00"	-00°00'47"	0.003
23/07/2047 00:00:00	♆	19°20'13" ♀	-08°00'04"	-00°28'09"	00°03'59"	8.691
23/07/2047 00:00:00	♁	08°27'46" ♂	18°47'46"	04°43'53"	00°06'42"	0.003
23/07/2047 00:00:00	T♁	15°59'49" ♀	-22°28'31"	00°00'00"	-00°00'47"	0.003
23/07/2047 00:00:00	T♆	25°14'17" ♀	14°35'30"	05°11'38"	-00°11'33"	0.003
23/07/2047 00:00:00	X	00°53'01" ♂	06°01'40"	-06°07'42"	00°00'03"	93.232
23/07/2047 00:00:00	Y	16°39'30" ♀	11°46'29"	-11°02'29"	00°00'39"	79.231
24/07/2047 00:00:00	♁	01°04'39" ♀	19°54'49"	-00°00'00"	00°57'18"	1.016
24/07/2047 00:00:00	♁	14°02'06" ♀	14°14'19"	-02°28'41"	13°26'48"	0.003
24/07/2047 00:00:00	♁	15°58'36" ♀	22°28'11"	-00°00'28"	01°49'18"	1.151
24/07/2047 00:00:00	♁	20°50'30" ♀	10°13'11"	-04°33'27"	-00°18'47"	0.316
24/07/2047 00:00:00	♁	22°38'52" ♀	22°28'49"	00°57'41"	00°39'14"	2.606
24/07/2047 00:00:00	♃	21°29'50" ♂	17°05'36"	-01°04'35"	00°08'53"	5.236
24/07/2047 00:00:00	♅	29°11'36" ♀	-22°25'09"	01°00'42"	-00°03'24"	9.169

Ephemerides year 2047

24/07/2047 00:00:00	♃	04°32'16"	♍	10°31'32"	00°43'54"	00°03'16"	19.146
24/07/2047 00:00:00	♃	21°20'39"	♏	16°25'14"	-01°43'55"	00°01'01"	30.152
24/07/2047 00:00:00	♃	06°20'42"	♃	-20°42'50"	-12°27'20"	-00°00'59"	40.049
24/07/2047 00:00:00	♁	15°58'41"	♏	-22°28'39"	00°00'00"	-00°01'29"	0.003
24/07/2047 00:00:00	♃	19°24'15"	♁	-08°01'15"	-00°27'46"	00°04'04"	8.708
24/07/2047 00:00:00	♁	08°34'29"	♏	18°49'39"	04°43'32"	00°06'42"	0.003
24/07/2047 00:00:00	T♁	15°58'41"	♏	-22°28'39"	00°00'00"	-00°01'29"	0.003
24/07/2047 00:00:00	T♁	25°42'01"	♁	14°45'06"	05°10'56"	01°06'59"	0.003
24/07/2047 00:00:00	X	00°53'04"	♏	06°01'40"	-06°07'43"	00°00'02"	93.215
24/07/2047 00:00:00	Y	16°40'09"	♁	11°46'28"	-11°02'34"	00°00'39"	79.219
25/07/2047 00:00:00	♁	02°01'58"	♁	19°42'09"	-00°00'00"	00°57'19"	1.016
25/07/2047 00:00:00	♃	27°36'22"	♁	09°00'52"	-03°29'50"	13°41'22"	0.003
25/07/2047 00:00:00	♁	17°49'27"	♁	22°26'08"	00°11'25"	01°52'20"	1.172
25/07/2047 00:00:00	♁	20°30'34"	♃	10°06'17"	-04°47'15"	-00°21'02"	0.312
25/07/2047 00:00:00	♁	23°18'06"	♁	22°22'34"	00°58'01"	00°39'12"	2.605
25/07/2047 00:00:00	♁	21°38'40"	♏	17°07'46"	-01°04'42"	00°08'46"	5.221
25/07/2047 00:00:00	♁	29°08'14"	♃	-22°25'17"	01°00'34"	-00°03'20"	9.178
25/07/2047 00:00:00	♃	04°35'34"	♍	10°30'19"	00°43'53"	00°03'18"	19.155
25/07/2047 00:00:00	♃	21°21'40"	♏	16°25'26"	-01°43'58"	00°00'59"	30.136

Ephemerides year 2047

25/07/2047 00:00:00	♁	06°19'42" ♋	-20°43'25"	-12°27'34"	-00°01'00"	40.040
25/07/2047 00:00:00	♁	15°56'54" ♋	-22°28'52"	00°00'00"	-00°02'01"	0.003
25/07/2047 00:00:00	♊	19°28'23" ♌	-08°02'28"	-00°27'24"	00°04'10"	8.724
25/07/2047 00:00:00	♋	08°41'12" ♌	18°51'30"	04°43'11"	00°06'42"	0.003
25/07/2047 00:00:00	♁	15°56'54" ♋	-22°28'52"	00°00'00"	-00°02'01"	0.003
25/07/2047 00:00:00	♋	27°25'27" ♌	15°21'12"	05°08'56"	02°17'14"	0.003
25/07/2047 00:00:00	♁	00°53'06" ♌	06°01'39"	-06°07'45"	00°00'01"	93.197
25/07/2047 00:00:00	♁	16°40'48" ♌	11°46'26"	-11°02'40"	00°00'38"	79.206
26/07/2047 00:00:00	♁	02°59'17" ♌	19°29'08"	-00°00'00"	00°57'19"	1.016
26/07/2047 00:00:00	♁	11°24'03" ♌	03°16'44"	-04°19'49"	13°53'32"	0.003
26/07/2047 00:00:00	♋	19°43'12" ♌	22°21'40"	00°22'49"	01°55'05"	1.193
26/07/2047 00:00:00	♋	20°08'26" ♌	10°00'08"	-05°00'55"	-00°23'13"	0.309
26/07/2047 00:00:00	♋	23°57'17" ♌	22°16'09"	00°58'22"	00°39'10"	2.605
26/07/2047 00:00:00	♋	21°47'22" ♌	17°09'53"	-01°04'49"	00°08'38"	5.207
26/07/2047 00:00:00	♋	29°04'55" ♌	-22°25'24"	01°00'25"	-00°03'16"	9.187
26/07/2047 00:00:00	♋	04°38'53" ♌	10°29'05"	00°43'52"	00°03'19"	19.164
26/07/2047 00:00:00	♋	21°22'39" ♌	16°25'39"	-01°44'01"	00°00'58"	30.120
26/07/2047 00:00:00	♁	06°18'41" ♋	-20°44'00"	-12°27'47"	-00°01'01"	40.032
26/07/2047 00:00:00	♁	15°54'43" ♋	-22°29'07"	00°00'00"	-00°02'16"	0.003

Ephemerides year 2047

26/07/2047 00:00:00	♁	19°32'36"	♈	-08°03'43"	-00°27'01"	00°04'16"	8.740
26/07/2047 00:00:00	♁	08°47'54"	♈	18°53'22"	04°42'50"	00°06'42"	0.003
26/07/2047 00:00:00	♁	15°54'43"	♈	-22°29'07"	00°00'00"	-00°02'16"	0.003
26/07/2047 00:00:00	♁	00°09'18"	♈	16°17'00"	05°05'23"	03°06'01"	0.003
26/07/2047 00:00:00	X	00°53'07"	♈	06°01'37"	-06°07'47"	00°00'01"	93.180
26/07/2047 00:00:00	Y	16°41'27"	♈	11°46'24"	-11°02'45"	00°00'38"	79.194
27/07/2047 00:00:00	♁	03°56'37"	♈	19°15'49"	-00°00'00"	00°57'20"	1.016
27/07/2047 00:00:00	♁	25°22'30"	♈	-02°40'38"	-04°55'04"	14°02'52"	0.002
27/07/2047 00:00:00	♁	21°39'33"	♈	22°14'41"	00°33'37"	01°57'33"	1.212
27/07/2047 00:00:00	♁	19°44'09"	♈	09°54'47"	-05°14'24"	-00°25'18"	0.306
27/07/2047 00:00:00	♁	24°36'27"	♈	22°09'34"	00°58'42"	00°39'08"	2.604
27/07/2047 00:00:00	♁	21°55'56"	♈	17°11'58"	-01°04'57"	00°08'30"	5.193
27/07/2047 00:00:00	♁	29°01'41"	♈	-22°25'31"	01°00'17"	-00°03'12"	9.197
27/07/2047 00:00:00	♁	04°42'14"	♈	10°27'51"	00°43'51"	00°03'21"	19.172
27/07/2047 00:00:00	♁	21°23'36"	♈	16°25'50"	-01°44'04"	00°00'56"	30.104
27/07/2047 00:00:00	♁	06°17'39"	♈	-20°44'36"	-12°28'00"	-00°01'02"	40.023
27/07/2047 00:00:00	♁	15°52'28"	♈	-22°29'23"	00°00'00"	-00°02'09"	0.003
27/07/2047 00:00:00	♁	19°36'55"	♈	-08°05'00"	-00°26'39"	00°04'21"	8.756
27/07/2047 00:00:00	♁	08°54'37"	♈	18°55'13"	04°42'28"	00°06'42"	0.003

Ephemerides year 2047

27/07/2047 00:00:00	T♄	15°52'28" ♉	-22°29'23"	00°00'00"	-00°02'09"	0.003
27/07/2047 00:00:00	T♄	03°27'34" ♉	17°21'57"	05°00'17"	03°25'13"	0.003
27/07/2047 00:00:00	X	00°53'08" ♉	06°01'36"	-06°07'49"	00°00'00"	93.163
27/07/2047 00:00:00	Y	16°42'04" ♉	11°46'22"	-11°02'51"	00°00'37"	79.181
28/07/2047 00:00:00	☉	04°53'57" ♋	19°02'10"	-00°00'00"	00°57'20"	1.016
28/07/2047 00:00:00	☾	09°28'48" ♋	-08°32'53"	-05°12'57"	14°09'14"	0.002
28/07/2047 00:00:00	☿	23°38'13" ♋	22°05'06"	00°43'47"	01°59'42"	1.231
28/07/2047 00:00:00	♀	19°17'50" ♋	09°50'13"	-05°27'39"	-00°27'18"	0.303
28/07/2047 00:00:00	♂	25°15'35" ♋	22°02'49"	00°59'02"	00°39'07"	2.604
28/07/2047 00:00:00	♃	22°04'22" ♉	17°14'01"	-01°05'04"	00°08'22"	5.178
28/07/2047 00:00:00	♅	28°58'31" ♉	-22°25'38"	01°00'08"	-00°03'08"	9.206
28/07/2047 00:00:00	♁	04°45'36" ♋	10°26'36"	00°43'50"	00°03'22"	19.181
28/07/2047 00:00:00	♆	21°24'32" ♉	16°26'01"	-01°44'08"	00°00'54"	30.088
28/07/2047 00:00:00	♂	06°16'36" ♉	-20°45'11"	-12°28'12"	-00°01'03"	40.015
28/07/2047 00:00:00	♁	15°50'32" ♉	-22°29'37"	00°00'00"	-00°01'38"	0.003
28/07/2047 00:00:00	♂	19°41'20" ♋	-08°06'20"	-00°26'17"	00°04'27"	8.772
28/07/2047 00:00:00	♁	09°01'20" ♉	18°57'04"	04°42'07"	00°06'42"	0.003
28/07/2047 00:00:00	T♄	15°50'32" ♉	-22°29'37"	00°00'00"	-00°01'38"	0.003
28/07/2047 00:00:00	T♄	06°49'35" ♉	18°24'54"	04°54'06"	03°14'21"	0.003

Ephemerides year 2047

28/07/2047 00:00:00	X	00°53'08" ♄	06°01'34"	-06°07'51"	-00°00'00"	93.146
28/07/2047 00:00:00	Y	16°42'42" ♀	11°46'20"	-11°02'57"	00°00'36"	79.169
29/07/2047 00:00:00	☉	05°51'18" ♃	18°48'12"	-00°00'00"	00°57'20"	1.015
29/07/2047 00:00:00	☾	23°40'01" ♄	-14°00'43"	-05°11'56"	14°12'45"	0.002
29/07/2047 00:00:00	♁	25°38'51" ♃	21°52'51"	00°53'16"	02°01'31"	1.248
29/07/2047 00:00:00	♀	18°49'36" ♄	09°46'27"	-05°40'36"	-00°29'09"	0.300
29/07/2047 00:00:00	♂	25°54'41" ♃	21°55'54"	00°59'22"	00°39'05"	2.603
29/07/2047 00:00:00	♃	22°12'41" ♄	17°16'01"	-01°05'12"	00°08'14"	5.164
29/07/2047 00:00:00	♅	28°55'25" ♄	-22°25'45"	01°00'00"	-00°03'03"	9.216
29/07/2047 00:00:00	♁	04°48'59" ♃	10°25'20"	00°43'49"	00°03'24"	19.189
29/07/2047 00:00:00	♁	21°25'25" ♄	16°26'12"	-01°44'11"	00°00'52"	30.072
29/07/2047 00:00:00	♁	06°15'33" ♃	-20°45'47"	-12°28'25"	-00°01'03"	40.008
29/07/2047 00:00:00	♁	15°49'17" ♄	-22°29'46"	00°00'00"	-00°00'50"	0.003
29/07/2047 00:00:00	♁	19°45'50" ♄	-08°07'41"	-00°25'54"	00°04'32"	8.789
29/07/2047 00:00:00	♁	09°08'02" ♄	18°58'54"	04°41'45"	00°06'42"	0.003
29/07/2047 00:00:00	T♁	15°49'17" ♄	-22°29'46"	00°00'00"	-00°00'50"	0.003
29/07/2047 00:00:00	T♁	09°50'08" ♄	19°18'13"	04°47'45"	02°45'28"	0.003
29/07/2047 00:00:00	X	00°53'07" ♄	06°01'32"	-06°07'53"	-00°00'00"	93.129
29/07/2047 00:00:00	Y	16°43'18" ♀	11°46'17"	-11°03'02"	00°00'36"	79.156

Ephemerides year 2047

30/07/2047 00:00:00	♁	06°48'39" ♀	18°33'56"	-00°00'00"	00°57'21"	1.015
30/07/2047 00:00:00	♃	07°53'27" ♀	-18°44'04"	-04°51'55"	14°13'41"	0.002
30/07/2047 00:00:00	♆	27°41'08" ♀	21°37'56"	01°02'01"	02°02'59"	1.264
30/07/2047 00:00:00	♁	18°19'34" ♀	09°43'29"	-05°53'12"	-00°30'52"	0.298
30/07/2047 00:00:00	♂	26°33'46" ♀	21°48'49"	00°59'42"	00°39'03"	2.602
30/07/2047 00:00:00	♃	22°20'51" ♂	17°17'58"	-01°05'20"	00°08'06"	5.149
30/07/2047 00:00:00	♄	28°52'23" ♂	-22°25'52"	00°59'51"	-00°02'59"	9.226
30/07/2047 00:00:00	♁	04°52'24" ♀	10°24'05"	00°43'48"	00°03'25"	19.196
30/07/2047 00:00:00	♃	21°26'17" ♂	16°26'22"	-01°44'14"	00°00'50"	30.055
30/07/2047 00:00:00	♁	06°14'29" ♂	-20°46'22"	-12°28'37"	-00°01'04"	40.000
30/07/2047 00:00:00	♁	15°48'54" ♂	-22°29'48"	00°00'00"	00°00'04"	0.003
30/07/2047 00:00:00	♃	19°50'25" ♀	-08°09'05"	-00°25'32"	00°04'38"	8.805
30/07/2047 00:00:00	♁	09°14'45" ♂	19°00'44"	04°41'23"	00°06'42"	0.003
30/07/2047 00:00:00	♁	15°48'54" ♂	-22°29'48"	00°00'00"	00°00'04"	0.003
30/07/2047 00:00:00	♁	12°22'13" ♂	20°00'49"	04°41'49"	02°21'22"	0.003
30/07/2047 00:00:00	X	00°53'06" ♂	06°01'30"	-06°07'55"	-00°00'01"	93.112
30/07/2047 00:00:00	Y	16°43'55" ♀	11°46'15"	-11°03'08"	00°00'35"	79.142
31/07/2047 00:00:00	♁	07°46'01" ♀	18°19'22"	-00°00'00"	00°57'21"	1.015
31/07/2047 00:00:00	♃	22°06'38" ♀	-22°22'46"	-04°14'02"	14°12'16"	0.002

Ephemerides year 2047

31/07/2047 00:00:00	♀	29°44'44" ♃	21°20'22"	01°09'59"	02°04'08"	1.279
31/07/2047 00:00:00	♀	17°47'53" ♃	09°41'19"	-06°05'23"	-00°32'26"	0.296
31/07/2047 00:00:00	♂	27°12'48" ♃	21°41'35"	01°00'02"	00°39'01"	2.602
31/07/2047 00:00:00	♃	22°28'53" ♃	17°19'53"	-01°05'27"	00°07'57"	5.134
31/07/2047 00:00:00	♃	28°49'26" ♃	-22°25'59"	00°59'42"	-00°02'54"	9.236
31/07/2047 00:00:00	♃	04°55'50" ♃	10°22'48"	00°43'47"	00°03'26"	19.204
31/07/2047 00:00:00	♃	21°27'07" ♃	16°26'32"	-01°44'18"	00°00'49"	30.039
31/07/2047 00:00:00	♃	06°13'24" ♃	-20°46'58"	-12°28'49"	-00°01'05"	39.993
31/07/2047 00:00:00	♃	15°49'24" ♃	-22°29'45"	00°00'00"	00°00'52"	0.003
31/07/2047 00:00:00	♃	19°55'06" ♃	-08°10'31"	-00°25'10"	00°04'43"	8.820
31/07/2047 00:00:00	♃	09°21'27" ♃	19°02'34"	04°41'01"	00°06'42"	0.003
31/07/2047 00:00:00	T♃	15°49'24" ♃	-22°29'45"	00°00'00"	00°00'52"	0.003
31/07/2047 00:00:00	T♃	14°40'00" ♃	20°37'29"	04°35'58"	02°17'44"	0.003
31/07/2047 00:00:00	X	00°53'04" ♃	06°01'27"	-06°07'57"	-00°00'02"	93.095
31/07/2047 00:00:00	Y	16°44'30" ♃	11°46'12"	-11°03'14"	00°00'35"	79.129
01/08/2047 00:00:00	♃	08°43'23" ♃	18°04'30"	-00°00'00"	00°57'22"	1.015
01/08/2047 00:00:00	♃	06°17'17" ♃	-24°38'54"	-03°20'46"	14°08'39"	0.002
01/08/2047 00:00:00	♀	01°49'18" ♃	21°00'12"	01°17'11"	02°04'56"	1.293
01/08/2047 00:00:00	♀	17°14'45" ♃	09°39'57"	-06°17'06"	-00°33'48"	0.294

Ephemerides year 2047

01/08/2047 00:00:00	♂	27°51'49" ♃	21°34'11"	01°00'21"	00°38'59"	2.601
01/08/2047 00:00:00	♃	22°36'46" ♄	17°21'46"	-01°05'35"	00°07'49"	5.120
01/08/2047 00:00:00	♃	28°46'33" ♃	-22°26'06"	00°59'34"	-00°02'50"	9.247
01/08/2047 00:00:00	♃	04°59'17" ♃	10°21'31"	00°43'46"	00°03'27"	19.211
01/08/2047 00:00:00	♃	21°27'55" ♄	16°26'41"	-01°44'21"	00°00'47"	30.023
01/08/2047 00:00:00	♃	06°12'18" ♃	-20°47'34"	-12°29'00"	-00°01'06"	39.986
01/08/2047 00:00:00	♃	15°50'33" ♄	-22°29'37"	00°00'00"	00°01'21"	0.003
01/08/2047 00:00:00	♃	19°59'53" ♃	-08°11'59"	-00°24'48"	00°04'49"	8.836
01/08/2047 00:00:00	♃	09°28'10" ♄	19°04'24"	04°40'39"	00°06'42"	0.003
01/08/2047 00:00:00	♃	15°50'33" ♄	-22°29'37"	00°00'00"	00°01'21"	0.003
01/08/2047 00:00:00	♃	17°02'16" ♄	21°13'18"	04°29'26"	02°27'23"	0.003
01/08/2047 00:00:00	X	00°53'02" ♄	06°01'25"	-06°07'59"	-00°00'02"	93.078
01/08/2047 00:00:00	Y	16°45'05" ♃	11°46'09"	-11°03'20"	00°00'34"	79.116
02/08/2047 00:00:00	♃	09°40'46" ♃	17°49'21"	-00°00'00"	00°57'23"	1.015
02/08/2047 00:00:00	♃	20°23'12" ♃	-25°20'23"	-02°15'37"	14°02'48"	0.002
02/08/2047 00:00:00	♃	03°54'30" ♃	20°37'30"	01°23'33"	02°05'25"	1.305
02/08/2047 00:00:00	♀	16°40'20" ♃	09°39'21"	-06°28'16"	-00°34'59"	0.292
02/08/2047 00:00:00	♂	28°30'48" ♃	21°26'38"	01°00'41"	00°38'57"	2.600
02/08/2047 00:00:00	♃	22°44'32" ♄	17°23'35"	-01°05'43"	00°07'41"	5.105

Ephemerides year 2047

02/08/2047 00:00:00	♃	28°43'45"	♌r	-22°26'14"	00°59'25"	-00°02'45"	9.258
02/08/2047 00:00:00	♃	05°02'46"	♍	10°20'14"	00°43'45"	00°03'29"	19.219
02/08/2047 00:00:00	♃	21°28'41"	♎	16°26'50"	-01°44'24"	00°00'45"	30.006
02/08/2047 00:00:00	♃	06°11'11"	♏r	-20°48'09"	-12°29'11"	-00°01'06"	39.979
02/08/2047 00:00:00	♎	15°51'57"	♏	-22°29'27"	00°00'00"	00°01'20"	0.003
02/08/2047 00:00:00	♎	20°04'45"	♏	-08°13'29"	-00°24'27"	00°04'54"	8.852
02/08/2047 00:00:00	♎	09°34'53"	♏	19°06'13"	04°40'17"	00°06'42"	0.003
02/08/2047 00:00:00	♎	15°51'57"	♏	-22°29'27"	00°00'00"	00°01'20"	0.003
02/08/2047 00:00:00	♎	19°32'24"	♏	21°48'43"	04°22'00"	02°30'09"	0.003
02/08/2047 00:00:00	X	00°52'59"	♏r	06°01'22"	-06°08'01"	-00°00'03"	93.061
02/08/2047 00:00:00	Y	16°45'40"	♏	11°46'06"	-11°03'27"	00°00'34"	79.102
03/08/2047 00:00:00	♏	10°38'09"	♏	17°33'54"	00°00'00"	00°57'23"	1.015
03/08/2047 00:00:00	♏	04°22'09"	♏	-24°24'33"	-01°02'54"	13°54'40"	0.002
03/08/2047 00:00:00	♏	06°00'03"	♏	20°12'23"	01°29'06"	02°05'36"	1.315
03/08/2047 00:00:00	♏	16°04'50"	♏r	09°39'31"	-06°38'52"	-00°35'57"	0.291
03/08/2047 00:00:00	♏	29°09'45"	♏	21°18'55"	01°01'00"	00°38'56"	2.599
03/08/2047 00:00:00	♏	22°52'09"	♏	17°25'23"	-01°05'51"	00°07'32"	5.090
03/08/2047 00:00:00	♃	28°41'02"	♌r	-22°26'21"	00°59'16"	-00°02'41"	9.269
03/08/2047 00:00:00	♃	05°06'15"	♍	10°18'57"	00°43'44"	00°03'30"	19.225

Ephemerides year 2047

03/08/2047 00:00:00	♁	21°29'25"	♏	16°26'58"	-01°44'28"	00°00'43"	29.990
03/08/2047 00:00:00	♁	06°10'04"	♏	-20°48'45"	-12°29'22"	-00°01'07"	39.973
03/08/2047 00:00:00	♁	15°53'04"	♏	-22°29'19"	00°00'00"	00°00'48"	0.003
03/08/2047 00:00:00	♁	20°09'42"	♏	-08°15'00"	-00°24'05"	00°04'59"	8.868
03/08/2047 00:00:00	♁	09°41'36"	♏	19°08'02"	04°39'55"	00°06'42"	0.003
03/08/2047 00:00:00	♁	15°53'04"	♏	-22°29'19"	00°00'00"	00°00'48"	0.003
03/08/2047 00:00:00	♁	21°55'17"	♏	22°20'04"	04°14'21"	02°11'25"	0.003
03/08/2047 00:00:00	X	00°52'56"	♏	06°01'19"	-06°08'02"	-00°00'03"	93.044
03/08/2047 00:00:00	Y	16°46'14"	♏	11°46'03"	-11°03'33"	00°00'33"	79.088
04/08/2047 00:00:00	♁	11°35'33"	♏	17°18'10"	00°00'00"	00°57'24"	1.015
04/08/2047 00:00:00	♁	18°11'47"	♏	-21°59'17"	00°12'39"	13°44'12"	0.003
04/08/2047 00:00:00	♁	08°05'38"	♏	19°44'58"	01°33'51"	02°05'31"	1.325
04/08/2047 00:00:00	♁	15°28'30"	♏	09°40'26"	-06°48'49"	-00°36'41"	0.290
04/08/2047 00:00:00	♁	29°48'40"	♏	21°11'04"	01°01'19"	00°38'54"	2.598
04/08/2047 00:00:00	♁	22°59'37"	♏	17°27'08"	-01°05'59"	00°07'23"	5.075
04/08/2047 00:00:00	♁	28°38'23"	♏	-22°26'29"	00°59'07"	-00°02'36"	9.280
04/08/2047 00:00:00	♁	05°09'46"	♏	10°17'38"	00°43'43"	00°03'31"	19.232
04/08/2047 00:00:00	♁	21°30'08"	♏	16°27'06"	-01°44'31"	00°00'41"	29.973
04/08/2047 00:00:00	♁	06°08'56"	♏	-20°49'20"	-12°29'33"	-00°01'08"	39.967

Ephemerides year 2047

04/08/2047 00:00:00	♏	15°53'25"	♌	-22°29'17"	00°00'00"	-00°00'11"	0.003
04/08/2047 00:00:00	♎	20°14'44"	♉	-08°16'34"	-00°23'43"	00°05'04"	8.883
04/08/2047 00:00:00	♍	09°48'18"	♊	19°09'51"	04°39'32"	00°06'42"	0.003
04/08/2047 00:00:00	T♏	15°53'25"	♌	-22°29'17"	00°00'00"	-00°00'11"	0.003
04/08/2047 00:00:00	T♎	23°46'51"	♊	22°42'48"	04°07'56"	01°27'46"	0.003
04/08/2047 00:00:00	X	00°52'52"	♌	06°01'16"	-06°08'04"	-00°00'04"	93.027
04/08/2047 00:00:00	Y	16°46'48"	♈	11°45'59"	-11°03'39"	00°00'33"	79.074
05/08/2047 00:00:00	♃	12°32'58"	♏	17°02'10"	00°00'00"	00°57'25"	1.015
05/08/2047 00:00:00	♄	01°49'47"	♎	-18°20'40"	01°26'21"	13°31'27"	0.003
05/08/2047 00:00:00	♅	10°11'00"	♏	19°15'23"	01°37'46"	02°05'10"	1.333
05/08/2047 00:00:00	♆	14°51'32"	♌	09°42'03"	-06°58'05"	-00°37'11"	0.290
05/08/2047 00:00:00	♇	00°27'33"	♏	21°03'03"	01°01'38"	00°38'52"	2.597
05/08/2047 00:00:00	♈	23°06'56"	♊	17°28'50"	-01°06'07"	00°07'15"	5.060
05/08/2047 00:00:00	♉	28°35'48"	♈	-22°26'36"	00°58'58"	-00°02'31"	9.291
05/08/2047 00:00:00	♊	05°13'18"	♎	10°16'20"	00°43'42"	00°03'32"	19.238
05/08/2047 00:00:00	♋	21°30'49"	♊	16°27'13"	-01°44'34"	00°00'39"	29.956
05/08/2047 00:00:00	♌	06°07'48"	♈	-20°49'56"	-12°29'43"	-00°01'08"	39.961
05/08/2047 00:00:00	♏	15°52'35"	♌	-22°29'22"	00°00'00"	-00°01'29"	0.003
05/08/2047 00:00:00	♎	20°19'51"	♉	-08°18'10"	-00°23'22"	00°05'09"	8.899

Ephemerides year 2047

05/08/2047 00:00:00	☾	09°55'01" ♉	19°11'39"	04°39'09"	00°06'42"	0.003
05/08/2047 00:00:00	♄	15°52'35" ♉	-22°29'22"	00°00'00"	-00°01'29"	0.003
05/08/2047 00:00:00	♁	24°44'11" ♉	22°53'41"	04°04'17"	00°24'23"	0.003
05/08/2047 00:00:00	X	00°52'47" ♉	06°01'12"	-06°08'06"	-00°00'05"	93.010
05/08/2047 00:00:00	Y	16°47'20" ♉	11°45'56"	-11°03'46"	00°00'32"	79.060
06/08/2047 00:00:00	☉	13°30'24" ♋	16°45'53"	00°00'00"	00°57'26"	1.014
06/08/2047 00:00:00	☾	15°14'02" ♋	-13°48'38"	02°33'54"	13°16'46"	0.003
06/08/2047 00:00:00	♁	12°15'55" ♋	18°43'47"	01°40'54"	02°04'37"	1.339
06/08/2047 00:00:00	♂	14°14'11" ♋	09°44'21"	-07°06'38"	-00°37'27"	0.289
06/08/2047 00:00:00	♂	01°06'25" ♋	20°54'53"	01°01'57"	00°38'50"	2.596
06/08/2047 00:00:00	♃	23°14'07" ♉	17°30'30"	-01°06'15"	00°07'06"	5.045
06/08/2047 00:00:00	♃	28°33'19" ♉	-22°26'44"	00°58'49"	-00°02'27"	9.303
06/08/2047 00:00:00	♃	05°16'51" ♋	10°15'01"	00°43'42"	00°03'33"	19.245
06/08/2047 00:00:00	♃	21°31'27" ♉	16°27'20"	-01°44'38"	00°00'37"	29.940
06/08/2047 00:00:00	♃	06°06'39" ♉	-20°50'31"	-12°29'53"	-00°01'09"	39.955
06/08/2047 00:00:00	♄	15°50'25" ♉	-22°29'38"	00°00'00"	-00°02'51"	0.003
06/08/2047 00:00:00	♃	20°25'03" ♉	-08°19'48"	-00°23'00"	00°05'14"	8.914
06/08/2047 00:00:00	☾	10°01'44" ♉	19°13'27"	04°38'47"	00°06'42"	0.003
06/08/2047 00:00:00	♄	15°50'25" ♉	-22°29'38"	00°00'00"	-00°02'51"	0.003

Ephemerides year 2047

06/08/2047 00:00:00	T♄	24°32'55" ♄	22°51'01"	04°04'26"	-00°46'56"	0.003
06/08/2047 00:00:00	X	00°52'41" ♄	06°01'09"	-06°08'08"	-00°00'05"	92.993
06/08/2047 00:00:00	Y	16°47'52" ♀	11°45'53"	-11°03'52"	00°00'31"	79.046
07/08/2047 00:00:00	♁	14°27'50" ♁	16°29'19"	00°00'00"	00°57'27"	1.014
07/08/2047 00:00:00	♂	28°22'52" ♁	-08°43'10"	03°31'49"	13°00'46"	0.003
07/08/2047 00:00:00	♀	14°20'11" ♁	18°10'19"	01°43'15"	02°03'52"	1.345
07/08/2047 00:00:00	♀	13°36'42" ♁	09°47'17"	-07°14'24"	-00°37'28"	0.289
07/08/2047 00:00:00	♂	01°45'15" ♁	20°46'34"	01°02'15"	00°38'49"	2.595
07/08/2047 00:00:00	♃	23°21'08" ♄	17°32'07"	-01°06'23"	00°06'57"	5.030
07/08/2047 00:00:00	♅	28°30'54" ♄	-22°26'51"	00°58'39"	-00°02'22"	9.315
07/08/2047 00:00:00	♁	05°20'24" ♁	10°13'42"	00°43'41"	00°03'34"	19.251
07/08/2047 00:00:00	♃	21°32'04" ♄	16°27'26"	-01°44'41"	00°00'35"	29.923
07/08/2047 00:00:00	♁	06°05'29" ♁	-20°51'07"	-12°30'03"	-00°01'10"	39.950
07/08/2047 00:00:00	♁	15°46'56" ♄	-22°30'02"	00°00'00"	-00°04'02"	0.003
07/08/2047 00:00:00	♁	20°30'20" ♁	-08°21'28"	-00°22'39"	00°05'19"	8.929
07/08/2047 00:00:00	♁	10°08'26" ♄	19°15'15"	04°38'24"	00°06'42"	0.003
07/08/2047 00:00:00	T♁	15°46'56" ♄	-22°30'02"	00°00'00"	-00°04'02"	0.003
07/08/2047 00:00:00	T♄	23°13'13" ♄	22°34'37"	04°08'22"	-01°49'32"	0.003
07/08/2047 00:00:00	X	00°52'35" ♄	06°01'05"	-06°08'10"	-00°00'06"	92.977

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07/08/2047 00:00:00	Y	16°48'24" ♀	11°45'49"	-11°03'59"	00°00'31"	79.031
08/08/2047 00:00:00	☉	15°25'18" ♀	16°12'30"	00°00'00"	00°57'28"	1.014
08/08/2047 00:00:00	☾	11°15'26" ♀	-03°22'01"	04°17'36"	12°44'21"	0.003
08/08/2047 00:00:00	♁	16°23'37" ♀	17°35'10"	01°44'51"	02°02'58"	1.349
08/08/2047 00:00:00	♂	12°59'19" ♀	09°50'50"	-07°21'24"	-00°37'14"	0.290
08/08/2047 00:00:00	♂	02°24'04" ♀	20°38'07"	01°02'34"	00°38'47"	2.594
08/08/2047 00:00:00	♃	23°28'01" ♀	17°33'42"	-01°06'32"	00°06'48"	5.015
08/08/2047 00:00:00	♄	28°28'34" ♀	-22°26'59"	00°58'30"	-00°02'17"	9.327
08/08/2047 00:00:00	♅	05°23'59" ♀	10°12'23"	00°43'40"	00°03'35"	19.256
08/08/2047 00:00:00	♆	21°32'38" ♀	16°27'31"	-01°44'45"	00°00'33"	29.906
08/08/2047 00:00:00	♇	06°04'19" ♀	-20°51'43"	-12°30'13"	-00°01'10"	39.944
08/08/2047 00:00:00	♈	15°42'28" ♀	-22°30'34"	00°00'00"	-00°04'49"	0.002
08/08/2047 00:00:00	♉	20°35'42" ♀	-08°23'09"	-00°22'17"	00°05'24"	8.945
08/08/2047 00:00:00	♊	10°15'09" ♀	19°17'02"	04°38'01"	00°06'42"	0.003
08/08/2047 00:00:00	T♋	15°42'28" ♀	-22°30'34"	00°00'00"	-00°04'49"	0.002
08/08/2047 00:00:00	T♌	21°02'17" ♀	22°06'26"	04°14'52"	-02°27'09"	0.003
08/08/2047 00:00:00	X	00°52'28" ♀	06°01'01"	-06°08'12"	-00°00'07"	92.960
08/08/2047 00:00:00	Y	16°48'55" ♀	11°45'45"	-11°04'06"	00°00'30"	79.017
09/08/2047 00:00:00	☉	16°22'47" ♀	15°55'25"	00°00'00"	00°57'29"	1.014

Ephemerides year 2047

09/08/2047 00:00:00	♃	23°51'48" ♈	01°59'57"	04°49'46"	12°28'33"	0.003
09/08/2047 00:00:00	♆	18°26'04" ♁	16°58'27"	01°45'43"	02°01'55"	1.352
09/08/2047 00:00:00	♀	12°22'17" ♁r	09°54'57"	-07°27'34"	-00°36'46"	0.290
09/08/2047 00:00:00	♂	03°02'51" ♁	20°29'30"	01°02'52"	00°38'46"	2.592
09/08/2047 00:00:00	♃	23°34'45" ♉	17°35'14"	-01°06'40"	00°06'38"	5.000
09/08/2047 00:00:00	♄	28°26'19" ♈r	-22°27'07"	00°58'21"	-00°02'12"	9.339
09/08/2047 00:00:00	♅	05°27'35" ♋	10°11'03"	00°43'40"	00°03'36"	19.262
09/08/2047 00:00:00	♆	21°33'11" ♉	16°27'37"	-01°44'48"	00°00'31"	29.890
09/08/2047 00:00:00	♁	06°03'07" ♈r	-20°52'18"	-12°30'22"	-00°01'11"	39.940
09/08/2047 00:00:00	♁	15°37'29" ♈r	-22°31'09"	00°00'00"	-00°05'02"	0.002
09/08/2047 00:00:00	♂	20°41'09" ♉	-08°24'52"	-00°21'56"	00°05'29"	8.960
09/08/2047 00:00:00	♁	10°21'51" ♉	19°18'49"	04°37'38"	00°06'42"	0.003
09/08/2047 00:00:00	T♁	15°37'29" ♈r	-22°31'09"	00°00'00"	-00°05'02"	0.002
09/08/2047 00:00:00	T♃	18°29'45" ♉r	21°31'22"	04°22'10"	-02°32'42"	0.003
09/08/2047 00:00:00	X	00°52'20" ♉r	06°00'57"	-06°08'13"	-00°00'07"	92.943
09/08/2047 00:00:00	Y	16°49'25" ♀	11°45'41"	-11°04'12"	00°00'29"	79.002
10/08/2047 00:00:00	♁	17°20'16" ♁	15°38'05"	00°00'00"	00°57'30"	1.014
10/08/2047 00:00:00	♃	06°13'08" ♈	07°10'33"	05°07'40"	12°14'28"	0.003
10/08/2047 00:00:00	♆	20°27'26" ♁	16°20'22"	01°45'54"	02°00'46"	1.354

Ephemerides year 2047

10/08/2047 00:00:00	♀	11°45'50" ♏r	09°59'34"	-07°32'55"	-00°36'04"	0.291
10/08/2047 00:00:00	♂	03°41'36" ♏	20°20'45"	01°03'10"	00°38'44"	2.591
10/08/2047 00:00:00	♃	23°41'19" ♏	17°36'43"	-01°06'48"	00°06'29"	4.985
10/08/2047 00:00:00	♅	28°24'09" ♏r	-22°27'15"	00°58'12"	-00°02'07"	9.351
10/08/2047 00:00:00	♁	05°31'11" ♏	10°09'43"	00°43'39"	00°03'36"	19.267
10/08/2047 00:00:00	♃	21°33'42" ♏	16°27'41"	-01°44'51"	00°00'29"	29.873
10/08/2047 00:00:00	♁	06°01'56" ♏r	-20°52'53"	-12°30'31"	-00°01'11"	39.935
10/08/2047 00:00:00	♏	15°32'34" ♏r	-22°31'43"	00°00'00"	-00°04'40"	0.002
10/08/2047 00:00:00	♃	20°46'41" ♏	-08°26'38"	-00°21'35"	00°05'34"	8.975
10/08/2047 00:00:00	♁	10°28'33" ♏	19°20'36"	04°37'14"	00°06'42"	0.003
10/08/2047 00:00:00	T♏	15°32'34" ♏r	-22°31'43"	00°00'00"	-00°04'40"	0.002
10/08/2047 00:00:00	T♁	16°05'29" ♏r	20°55'59"	04°28'41"	-02°12'43"	0.003
10/08/2047 00:00:00	X	00°52'12" ♏r	06°00'52"	-06°08'15"	-00°00'08"	92.927
10/08/2047 00:00:00	Y	16°49'54" ♏	11°45'37"	-11°04'19"	00°00'29"	78.987
11/08/2047 00:00:00	♁	18°17'48" ♏	15°20'30"	00°00'00"	00°57'31"	1.014
11/08/2047 00:00:00	♃	18°21'40" ♏r	11°59'25"	05°11'21"	12°03'08"	0.003
11/08/2047 00:00:00	♁	22°27'36" ♏	15°41'02"	01°45'24"	01°59'32"	1.355
11/08/2047 00:00:00	♀	11°10'13" ♏r	10°04'40"	-07°37'25"	-00°35'07"	0.292
11/08/2047 00:00:00	♂	04°20'20" ♏	20°11'51"	01°03'28"	00°38'43"	2.590

Ephemerides year 2047

11/08/2047 00:00:00	♃	23°47'44" ♉	17°38'10"	-01°06'57"	00°06'20"	4.970
11/08/2047 00:00:00	♅	28°22'04" ♈	-22°27'22"	00°58'02"	-00°02'02"	9.364
11/08/2047 00:00:00	♆	05°34'49" ♎	10°08'22"	00°43'38"	00°03'37"	19.272
11/08/2047 00:00:00	♇	21°34'11" ♉	16°27'45"	-01°44'55"	00°00'27"	29.856
11/08/2047 00:00:00	♁	06°00'44" ♈	-20°53'29"	-12°30'39"	-00°01'12"	39.931
11/08/2047 00:00:00	♁	15°28'19" ♈	-22°32'12"	00°00'00"	-00°03'45"	0.002
11/08/2047 00:00:00	♆	20°52'18" ♎	-08°28'24"	-00°21'14"	00°05'38"	8.990
11/08/2047 00:00:00	♁	10°35'16" ♉	19°22'22"	04°36'51"	00°06'42"	0.003
11/08/2047 00:00:00	♁	15°28'19" ♈	-22°32'12"	00°00'00"	-00°03'45"	0.002
11/08/2047 00:00:00	♁	14°07'46" ♉	20°25'35"	04°33'43"	-01°42'20"	0.003
11/08/2047 00:00:00	X	00°52'03" ♉	06°00'48"	-06°08'17"	-00°00'09"	92.910
11/08/2047 00:00:00	Y	16°50'23" ♀	11°45'33"	-11°04'26"	00°00'28"	78.972
12/08/2047 00:00:00	♁	19°15'20" ♈	15°02'39"	00°00'00"	00°57'33"	1.014
12/08/2047 00:00:00	♂	00°20'36" ♉	16°17'14"	05°01'19"	11°55'24"	0.003
12/08/2047 00:00:00	♆	24°26'29" ♈	15°00'36"	01°44'17"	01°58'13"	1.355
12/08/2047 00:00:00	♁	10°35'39" ♈	10°10'12"	-07°41'05"	-00°33'59"	0.294
12/08/2047 00:00:00	♂	04°59'02" ♈	20°02'49"	01°03'46"	00°38'41"	2.588
12/08/2047 00:00:00	♃	23°53'59" ♉	17°39'34"	-01°07'05"	00°06'10"	4.955
12/08/2047 00:00:00	♅	28°20'05" ♈	-22°27'30"	00°57'53"	-00°01'57"	9.377

Ephemerides year 2047

12/08/2047 00:00:00	♃	05°38'27" ♎	10°07'01"	00°43'38"	00°03'38"	19.276
12/08/2047 00:00:00	♃	21°34'38" ♏	16°27'49"	-01°44'58"	00°00'25"	29.839
12/08/2047 00:00:00	♃	05°59'31" ♏	-20°54'04"	-12°30'48"	-00°01'12"	39.926
12/08/2047 00:00:00	♃	15°25'11" ♏	-22°32'34"	00°00'00"	-00°02'27"	0.002
12/08/2047 00:00:00	♃	20°57'59" ♏	-08°30'13"	-00°20'53"	00°05'43"	9.004
12/08/2047 00:00:00	♃	10°41'58" ♏	19°24'08"	04°36'27"	00°06'42"	0.003
12/08/2047 00:00:00	♃	15°25'11" ♏	-22°32'34"	00°00'00"	-00°02'27"	0.002
12/08/2047 00:00:00	♃	12°39'15" ♏	20°01'53"	04°37'22"	-01°16'26"	0.003
12/08/2047 00:00:00	X	00°51'54" ♏	06°00'43"	-06°08'19"	-00°00'09"	92.894
12/08/2047 00:00:00	Y	16°50'51" ♏	11°45'28"	-11°04'33"	00°00'27"	78.957
13/08/2047 00:00:00	♃	20°12'54" ♏	14°44'35"	00°00'00"	00°57'34"	1.013
13/08/2047 00:00:00	♃	12°13'54" ♏	19°54'58"	04°38'24"	11°51'57"	0.003
13/08/2047 00:00:00	♃	26°24'03" ♏	14°19'13"	01°42'33"	01°56'52"	1.354
13/08/2047 00:00:00	♃	10°02'19" ♏	10°16'06"	-07°43'55"	-00°32'38"	0.295
13/08/2047 00:00:00	♃	05°37'43" ♏	19°53'39"	01°04'03"	00°38'40"	2.587
13/08/2047 00:00:00	♃	24°00'05" ♏	17°40'55"	-01°07'14"	00°06'01"	4.939
13/08/2047 00:00:00	♃	28°18'10" ♏	-22°27'38"	00°57'43"	-00°01'51"	9.389
13/08/2047 00:00:00	♃	05°42'06" ♎	10°05'40"	00°43'37"	00°03'39"	19.281
13/08/2047 00:00:00	♃	21°35'03" ♏	16°27'52"	-01°45'02"	00°00'24"	29.822

Ephemerides year 2047

13/08/2047 00:00:00	♁	05°58'18" ♉	-20°54'39"	-12°30'56"	-00°01'13"	39.923
13/08/2047 00:00:00	♁	15°23'26" ♉	-22°32'45"	00°00'00"	-00°01'00"	0.002
13/08/2047 00:00:00	♊	21°03'45" ♉	-08°32'04"	-00°20'32"	00°05'48"	9.019
13/08/2047 00:00:00	♋	10°48'41" ♉	19°25'53"	04°36'03"	00°06'42"	0.003
13/08/2047 00:00:00	♁	15°23'26" ♉	-22°32'45"	00°00'00"	-00°01'00"	0.002
13/08/2047 00:00:00	♋	11°30'05" ♉	19°42'54"	04°40'10"	-01°04'44"	0.003
13/08/2047 00:00:00	X	00°51'44" ♉	06°00'38"	-06°08'20"	-00°00'10"	92.878
13/08/2047 00:00:00	Y	16°51'19" ♉	11°45'24"	-11°04'40"	00°00'27"	78.942
14/08/2047 00:00:00	♌	21°10'30" ♉	14°26'16"	00°00'00"	00°57'36"	1.013
14/08/2047 00:00:00	♍	24°06'06" ♉	22°43'28"	04°03'35"	11°53'15"	0.003
14/08/2047 00:00:00	♎	28°20'13" ♉	13°37'00"	01°40'16"	01°55'28"	1.352
14/08/2047 00:00:00	♏	09°30'26" ♉	10°22'20"	-07°45'56"	-00°31'06"	0.297
14/08/2047 00:00:00	♐	06°16'23" ♉	19°44'20"	01°04'21"	00°38'38"	2.585
14/08/2047 00:00:00	♑	24°06'02" ♉	17°42'14"	-01°07'23"	00°05'51"	4.924
14/08/2047 00:00:00	♒	28°16'21" ♉	-22°27'46"	00°57'34"	-00°01'46"	9.403
14/08/2047 00:00:00	♓	05°45'46" ♉	10°04'19"	00°43'37"	00°03'40"	19.285
14/08/2047 00:00:00	♈	21°35'26" ♉	16°27'55"	-01°45'05"	00°00'22"	29.805
14/08/2047 00:00:00	♁	05°57'05" ♉	-20°55'14"	-12°31'03"	-00°01'13"	39.919
14/08/2047 00:00:00	♁	15°23'07" ♉	-22°32'48"	00°00'00"	00°00'19"	0.002
































Ephemerides year 2047

14/08/2047 00:00:00	♄	21°09'36" ♈	-08°33'56"	-00°20'11"	00°05'52"	9.034
14/08/2047 00:00:00	♁	10°55'23" ♉	19°27'39"	04°35'40"	00°06'42"	0.003
14/08/2047 00:00:00	♁♂	15°23'07" ♉	-22°32'48"	00°00'00"	00°00'19"	0.002
14/08/2047 00:00:00	♁♁	10°23'32" ♉	19°24'13"	04°42'45"	-01°11'32"	0.003
14/08/2047 00:00:00	X	00°51'34" ♉	06°00'33"	-06°08'22"	-00°00'10"	92.862
14/08/2047 00:00:00	Y	16°51'46" ♉	11°45'19"	-11°04'47"	00°00'26"	78.926
15/08/2047 00:00:00	♃	22°08'07" ♊	14°07'43"	00°00'00"	00°57'37"	1.013
15/08/2047 00:00:00	♃	06°02'04" ♊	24°33'33" ♋	03°18'04"	11°59'29"	0.003
15/08/2047 00:00:00	♁	00°15'00" ♊	12°54'03"	01°37'27"	01°54'03"	1.350
15/08/2047 00:00:00	♁	09°00'10" ♊	10°28'51"	-07°47'08"	-00°29'24"	0.300
15/08/2047 00:00:00	♁	06°55'01" ♊	19°34'54"	01°04'38"	00°38'37"	2.583
15/08/2047 00:00:00	♁	24°11'48" ♊	17°43'30"	-01°07'32"	00°05'41"	4.909
15/08/2047 00:00:00	♁	28°14'37" ♊	-22°27'55"	00°57'24"	-00°01'41"	9.416
15/08/2047 00:00:00	♁	05°49'26" ♊	10°02'57"	00°43'36"	00°03'40"	19.289
15/08/2047 00:00:00	♁	21°35'47" ♊	16°27'57"	-01°45'09"	00°00'20"	29.789
15/08/2047 00:00:00	♁	05°55'51" ♊	-20°55'49"	-12°31'11"	-00°01'13"	39.916
15/08/2047 00:00:00	♁	15°23'57" ♊	-22°32'42"	00°00'00"	00°01'16"	0.002
15/08/2047 00:00:00	♁	21°15'31" ♊	-08°35'50"	-00°19'51"	00°05'57"	9.048
15/08/2047 00:00:00	♁	11°02'06" ♊	19°29'24"	04°35'16"	00°06'42"	0.003

Ephemerides year 2047

15/08/2047 00:00:00	T♁	15°23'57" ♄	-22°32'42"	00°00'00"	00°01'16"	0.002
15/08/2047 00:00:00	T♁	09°00'56" ♄	19°00'25"	04°45'47"	-01°36'22"	0.003
15/08/2047 00:00:00	X	00°51'23" ♄	06°00'27"	-06°08'24"	-00°00'11"	92.846
15/08/2047 00:00:00	Y	16°52'12" ♀	11°45'14"	-11°04'54"	00°00'25"	78.911
16/08/2047 00:00:00	☉	23°05'45" ♄	13°48'57"	00°00'00"	00°57'39"	1.013
16/08/2047 00:00:00	☾	18°06'42" ♀	25°16'49" ♁	02°23'16"	12°10'34"	0.003
16/08/2047 00:00:00	☿	02°08'21" ♄	12°10'30"	01°34'08"	01°52'37"	1.346
16/08/2047 00:00:00	♀	08°31'40" ♄	10°35'35"	-07°47'33"	-00°27'33"	0.302
16/08/2047 00:00:00	♂	07°33'38" ♄	19°25'19"	01°04'55"	00°38'35"	2.582
16/08/2047 00:00:00	♃	24°17'25" ♄	17°44'44"	-01°07'40"	00°05'31"	4.894
16/08/2047 00:00:00	♅	28°12'59" ♄	-22°28'03"	00°57'15"	-00°01'35"	9.429
16/08/2047 00:00:00	♁	05°53'08" ♄	10°01'35"	00°43'36"	00°03'41"	19.292
16/08/2047 00:00:00	♂	21°36'06" ♄	16°27'58"	-01°45'12"	00°00'18"	29.772
16/08/2047 00:00:00	♁	05°54'37" ♄	-20°56'23"	-12°31'18"	-00°01'14"	39.913
16/08/2047 00:00:00	♁	15°25'28" ♄	-22°32'31"	00°00'00"	00°01'38"	0.002
16/08/2047 00:00:00	♁	21°21'31" ♄	-08°37'46"	-00°19'30"	00°06'02"	9.062
16/08/2047 00:00:00	♁	11°08'48" ♄	19°31'08"	04°34'51"	00°06'42"	0.003
16/08/2047 00:00:00	T♁	15°25'28" ♄	-22°32'31"	00°00'00"	00°01'38"	0.002
16/08/2047 00:00:00	T♁	07°06'32" ♄	18°26'21"	04°49'37"	-02°13'43"	0.003

Ephemerides year 2047

16/08/2047 00:00:00	X	00°51'11" 	06°00'22"	-06°08'25"	-00°00'11"	92.830
16/08/2047 00:00:00	Y	16°52'37" 	11°45'09"	-11°05'02"	00°00'25"	78.895
17/08/2047 00:00:00		24°03'25" 	13°29'57"	00°00'00"	00°57'40"	1.013
17/08/2047 00:00:00		00°24'42" 	24°46'56" 	01°20'57"	12°26'07"	0.003
17/08/2047 00:00:00		04°00'15" 	11°26'27"	01°30'20"	01°51'11"	1.342
17/08/2047 00:00:00		08°05'05" 	10°42'31"	-07°47'13"	-00°25'35"	0.305
17/08/2047 00:00:00		08°12'13" 	19°15'36"	01°05'12"	00°38'34"	2.580
17/08/2047 00:00:00		24°22'52" 	17°45'55"	-01°07'49"	00°05'21"	4.879
17/08/2047 00:00:00		28°11'26" 	-22°28'11"	00°57'05"	-00°01'30"	9.443
17/08/2047 00:00:00		05°56'50" 	10°00'13"	00°43'36"	00°03'42"	19.296
17/08/2047 00:00:00		21°36'24" 	16°27'59"	-01°45'16"	00°00'16"	29.755
17/08/2047 00:00:00		05°53'22" 	-20°56'58"	-12°31'24"	-00°01'14"	39.910
17/08/2047 00:00:00		15°27'00" 	-22°32'21"	00°00'00"	00°01'18"	0.002
17/08/2047 00:00:00		21°27'35" 	-08°39'43"	-00°19'10"	00°06'06"	9.077
17/08/2047 00:00:00		11°15'31" 	19°32'53"	04°34'27"	00°06'42"	0.003
17/08/2047 00:00:00	T Ω	15°27'00" 	-22°32'21"	00°00'00"	00°01'18"	0.002
17/08/2047 00:00:00	T Υ	04°33'02" 	17°38'45"	04°54'09"	-02°52'13"	0.003
17/08/2047 00:00:00	X	00°50'59" 	06°00'16"	-06°08'27"	-00°00'12"	92.814
17/08/2047 00:00:00	Y	16°53'02" 	11°45'04"	-11°05'09"	00°00'24"	78.879

Ephemerides year 2047

18/08/2047 00:00:00	☉	25°01'07" ♈	13°10'45"	00°00'00"	00°57'42"	1.012
18/08/2047 00:00:00	☾	13°00'09" ♎	23°01'13"	00°13'22"	12°45'18"	0.003
18/08/2047 00:00:00	♁	05°50'43" ♉	10°41'59"	01°26'06"	01°49'44"	1.338
18/08/2047 00:00:00	♂	07°40'32" ♈	10°49'36"	-07°46'09"	-00°23'30"	0.308
18/08/2047 00:00:00	♂	08°50'47" ♈	19°05'46"	01°05'29"	00°38'33"	2.578
18/08/2047 00:00:00	♃	24°28'08" ♉	17°47'03"	-01°07'58"	00°05'11"	4.863
18/08/2047 00:00:00	♄	28°09'59" ♈	-22°28'20"	00°56'55"	-00°01'24"	9.457
18/08/2047 00:00:00	♅	06°00'32" ♉	09°58'51"	00°43'35"	00°03'42"	19.299
18/08/2047 00:00:00	♆	21°36'39" ♉	16°28'00"	-01°45'19"	00°00'14"	29.738
18/08/2047 00:00:00	♇	05°52'08" ♈	-20°57'32"	-12°31'31"	-00°01'14"	39.908
18/08/2047 00:00:00	♈	15°27'51" ♈	-22°32'15"	00°00'00"	00°00'16"	0.003
18/08/2047 00:00:00	♉	21°33'44" ♉	-08°41'42"	-00°18'49"	00°06'10"	9.091
18/08/2047 00:00:00	♊	11°22'13" ♈	19°34'37"	04°34'03"	00°06'42"	0.003
18/08/2047 00:00:00	T♈	15°27'51" ♈	-22°32'15"	00°00'00"	00°00'16"	0.003
18/08/2047 00:00:00	T♉	01°26'59" ♈	16°38'21"	04°58'45"	-03°16'08"	0.003
18/08/2047 00:00:00	X	00°50'46" ♈	06°00'10"	-06°08'29"	-00°00'13"	92.798
18/08/2047 00:00:00	Y	16°53'27" ♈	11°44'59"	-11°05'16"	00°00'23"	78.863
19/08/2047 00:00:00	☉	25°58'50" ♈	12°51'20"	00°00'00"	00°57'43"	1.012
19/08/2047 00:00:00	☾	25°56'08" ♎	20°01'44"	-00°56'33"	13°06'55"	0.003

Ephemerides year 2047

19/08/2047 00:00:00	♀	07°39'45" ♍	09°57'11"	01°21'27"	01°48'18"	1.333
19/08/2047 00:00:00	♀	07°18'06" ♋	10°56'47"	-07°44'24"	-00°21'19"	0.311
19/08/2047 00:00:00	♂	09°29'19" ♋	18°55'48"	01°05'46"	00°38'31"	2.576
19/08/2047 00:00:00	♈	24°33'15" ♋	17°48'09"	-01°08'07"	00°05'01"	4.848
19/08/2047 00:00:00	♏	28°08'37" ♏	-22°28'28"	00°56'46"	-00°01'19"	9.471
19/08/2047 00:00:00	♏	06°04'15" ♍	09°57'28"	00°43'35"	00°03'43"	19.302
19/08/2047 00:00:00	♏	21°36'52" ♋	16°28'00"	-01°45'23"	00°00'12"	29.721
19/08/2047 00:00:00	♁	05°50'52" ♏	-20°58'06"	-12°31'37"	-00°01'15"	39.906
19/08/2047 00:00:00	♏	15°27'22" ♏	-22°32'19"	00°00'00"	-00°01'18"	0.003
19/08/2047 00:00:00	♏	21°39'57" ♏	-08°43'43"	-00°18'29"	00°06'15"	9.105
19/08/2047 00:00:00	♏	11°28'56" ♋	19°36'21"	04°33'38"	00°06'42"	0.003
19/08/2047 00:00:00	T♏	15°27'22" ♏	-22°32'19"	00°00'00"	-00°01'18"	0.003
19/08/2047 00:00:00	T♏	28°10'08" ♏	15°31'29"	05°02'32"	-03°12'21"	0.003
19/08/2047 00:00:00	X	00°50'32" ♋	06°00'04"	-06°08'30"	-00°00'13"	92.782
19/08/2047 00:00:00	Y	16°53'50" ♏	11°44'54"	-11°05'24"	00°00'23"	78.847
20/08/2047 00:00:00	♋	26°56'34" ♋	12°31'43"	-00°00'00"	00°57'45"	1.012
20/08/2047 00:00:00	♏	09°14'16" ♋	15°55'33"	-02°05'15"	13°29'19"	0.003
20/08/2047 00:00:00	♀	09°27'21" ♍	09°12'09"	01°16'26"	01°46'52"	1.327
20/08/2047 00:00:00	♀	06°57'53" ♋	11°04'01"	-07°41'59"	-00°19'04"	0.315

Ephemerides year 2047

20/08/2047 00:00:00	♂	10°07'50" ♈	18°45'42"	01°06'02"	00°38'30"	2.574
20/08/2047 00:00:00	♃	24°38'11" ♉	17°49'12"	-01°08'16"	00°04'50"	4.833
20/08/2047 00:00:00	♅	28°07'20" ♋	-22°28'37"	00°56'36"	-00°01'13"	9.485
20/08/2047 00:00:00	♁	06°07'59" ♌	09°56'05"	00°43'35"	00°03'43"	19.304
20/08/2047 00:00:00	♆	21°37'03" ♍	16°27'59"	-01°45'26"	00°00'10"	29.704
20/08/2047 00:00:00	♁	05°49'37" ♎	-20°58'40"	-12°31'42"	-00°01'15"	39.904
20/08/2047 00:00:00	♁	15°25'07" ♏	-22°32'34"	00°00'00"	-00°03'12"	0.003
20/08/2047 00:00:00	♆	21°46'14" ♐	-08°45'45"	-00°18'09"	00°06'19"	9.118
20/08/2047 00:00:00	♁	11°35'38" ♑	19°38'04"	04°33'13"	00°06'42"	0.003
20/08/2047 00:00:00	T♁	15°25'07" ♏	-22°32'34"	00°00'00"	-00°03'12"	0.003
20/08/2047 00:00:00	T♆	25°12'04" ♎	14°28'30"	05°04'58"	-02°39'41"	0.003
20/08/2047 00:00:00	X	00°50'18" ♏	05°59'58"	-06°08'32"	-00°00'14"	92.767
20/08/2047 00:00:00	Y	16°54'13" ♐	11°44'48"	-11°05'31"	00°00'22"	78.831
21/08/2047 00:00:00	☉	27°54'20" ♈	12°11'54"	-00°00'00"	00°57'46"	1.012
21/08/2047 00:00:00	☾	22°54'23" ♈	10°54'19"	-03°08'33"	13°50'33"	0.003
21/08/2047 00:00:00	☿	11°13'31" ♌	08°26'56"	01°11'02"	01°45'27"	1.321
21/08/2047 00:00:00	♀	06°39'57" ♋	11°11'16"	-07°38'57"	-00°16'46"	0.319
21/08/2047 00:00:00	♂	10°46'19" ♈	18°35'29"	01°06'19"	00°38'28"	2.572
21/08/2047 00:00:00	♃	24°42'56" ♉	17°50'12"	-01°08'25"	00°04'40"	4.818

Ephemerides year 2047

21/08/2047 00:00:00	♃	28°06'09" ♏	-22°28'46"	00°56'26"	-00°01'08"	9.499
21/08/2047 00:00:00	♃	06°11'42" ♎	09°54'42"	00°43'34"	00°03'44"	19.307
21/08/2047 00:00:00	♃	21°37'12" ♏	16°27'58"	-01°45'30"	00°00'08"	29.688
21/08/2047 00:00:00	♃	05°48'21" ♏	-20°59'14"	-12°31'48"	-00°01'15"	39.902
21/08/2047 00:00:00	♃	15°20'59" ♏	-22°33'02"	00°00'00"	-00°05'01"	0.003
21/08/2047 00:00:00	♃	21°52'36" ♏	-08°47'49"	-00°17'48"	00°06'23"	9.132
21/08/2047 00:00:00	♃	11°42'21" ♏	19°39'47"	04°32'49"	00°06'42"	0.003
21/08/2047 00:00:00	♃	15°20'59" ♏	-22°33'02"	00°00'00"	-00°05'01"	0.003
21/08/2047 00:00:00	♃	22°56'16" ♏	13°38'57"	05°06'08"	-01°50'43"	0.003
21/08/2047 00:00:00	X	00°50'03" ♏	05°59'51"	-06°08'33"	-00°00'15"	92.752
21/08/2047 00:00:00	Y	16°54'35" ♏	11°44'43"	-11°05'39"	00°00'21"	78.815
22/08/2047 00:00:00	♃	28°52'07" ♏	11°51'53"	-00°00'00"	00°57'47"	1.012
22/08/2047 00:00:00	♃	06°54'17" ♎	05°13'29"	-04°02'02"	14°08'34"	0.002
22/08/2047 00:00:00	♃	12°58'17" ♎	07°41'36"	01°05'19"	01°44'03"	1.314
22/08/2047 00:00:00	♃	06°24'21" ♏	11°18'31"	-07°35'20"	-00°14'25"	0.323
22/08/2047 00:00:00	♃	11°24'47" ♏	18°25'09"	01°06'35"	00°38'26"	2.570
22/08/2047 00:00:00	♃	24°47'31" ♏	17°51'09"	-01°08'34"	00°04'29"	4.802
22/08/2047 00:00:00	♃	28°05'04" ♏	-22°28'55"	00°56'16"	-00°01'02"	9.514
22/08/2047 00:00:00	♃	06°15'27" ♎	09°53'19"	00°43'34"	00°03'44"	19.309

Ephemerides year 2047

22/08/2047 00:00:00	♃	21°37'20"	♄	16°27'57"	-01°45'33"	00°00'06"	29.671
22/08/2047 00:00:00	♁	05°47'05"	♃	-20°59'47"	-12°31'53"	-00°01'16"	39.901
22/08/2047 00:00:00	♄	15°15'12"	♄	-22°33'42"	00°00'00"	-00°06'25"	0.003
22/08/2047 00:00:00	♃	21°59'01"	♁	-08°49'54"	-00°17'28"	00°06'27"	9.145
22/08/2047 00:00:00	♁	11°49'03"	♄	19°41'30"	04°32'24"	00°06'42"	0.003
22/08/2047 00:00:00	T♄	15°15'12"	♄	-22°33'42"	00°00'00"	-00°06'25"	0.003
22/08/2047 00:00:00	T♁	21°29'53"	♃	13°06'42"	05°06'29"	-01°03'49"	0.003
22/08/2047 00:00:00	X	00°49'48"	♄	05°59'45"	-06°08'35"	-00°00'15"	92.736
22/08/2047 00:00:00	Y	16°54'56"	♁	11°44'37"	-11°05'47"	00°00'20"	78.799
23/08/2047 00:00:00	♁	29°49'55"	♄	11°31'41"	-00°00'00"	00°57'49"	1.011
23/08/2047 00:00:00	♃	21°09'52"	♄	-00°48'41"	-04°41'29"	14°21'38"	0.002
23/08/2047 00:00:00	♁	14°41'38"	♄	06°56'15"	00°59'17"	01°42'39"	1.307
23/08/2047 00:00:00	♁	06°11'06"	♄	11°25'42"	-07°31'11"	-00°12'03"	0.327
23/08/2047 00:00:00	♂	12°03'13"	♄	18°14'41"	01°06'51"	00°38'25"	2.568
23/08/2047 00:00:00	♃	24°51'55"	♄	17°52'04"	-01°08'43"	00°04'18"	4.787
23/08/2047 00:00:00	♃	28°04'04"	♄	-22°29'04"	00°56'07"	-00°00'56"	9.528
23/08/2047 00:00:00	♃	06°19'11"	♄	09°51'56"	00°43'34"	00°03'44"	19.310
23/08/2047 00:00:00	♃	21°37'25"	♄	16°27'55"	-01°45'37"	00°00'04"	29.654
23/08/2047 00:00:00	♁	05°45'49"	♃	-21°00'20"	-12°31'58"	-00°01'16"	39.900

Ephemerides year 2047

23/08/2047 00:00:00	♏	15°08'23"	-22°34'28"	00°00'00"	-00°07'04"	0.003
23/08/2047 00:00:00	♋	22°05'31"	-08°52'01"	-00°17'08"	00°06'31"	9.159
23/08/2047 00:00:00	♌	11°55'45"	19°43'12"	04°31'59"	00°06'42"	0.003
23/08/2047 00:00:00	T♏	15°08'23"	-22°34'28"	00°00'00"	-00°07'04"	0.003
23/08/2047 00:00:00	T♌	20°42'57"	12°48'55"	05°06'29"	-00°33'35"	0.003
23/08/2047 00:00:00	X	00°49'32"	05°59'38"	-06°08'36"	-00°00'16"	92.721
23/08/2047 00:00:00	Y	16°55'17"	11°44'32"	-11°05'54"	00°00'20"	78.782
24/08/2047 00:00:00	♏	00°47'45"	11°11'19"	-00°00'00"	00°57'50"	1.011
24/08/2047 00:00:00	♎	05°35'34"	-06°51'55"	-05°03'36"	14°28'44"	0.002
24/08/2047 00:00:00	♌	16°23'37"	06°10'54"	00°52'58"	01°41'17"	1.299
24/08/2047 00:00:00	♍	06°00'14"	11°32'49"	-07°26'31"	-00°09'40"	0.331
24/08/2047 00:00:00	♊	12°41'37"	18°04'07"	01°07'07"	00°38'23"	2.566
24/08/2047 00:00:00	♉	24°56'08"	17°52'56"	-01°08'52"	00°04'07"	4.772
24/08/2047 00:00:00	♈	28°03'11"	-22°29'13"	00°55'57"	-00°00'51"	9.543
24/08/2047 00:00:00	♌	06°22'56"	09°50'33"	00°43'34"	00°03'44"	19.312
24/08/2047 00:00:00	♍	21°37'28"	16°27'52"	-01°45'40"	00°00'02"	29.638
24/08/2047 00:00:00	♎	05°44'32"	-21°00'53"	-12°32'02"	-00°01'16"	39.899
24/08/2047 00:00:00	♏	15°01'22"	-22°35'15"	00°00'00"	-00°06'48"	0.003
24/08/2047 00:00:00	♋	22°12'05"	-08°54'09"	-00°16'48"	00°06'35"	9.172

Ephemerides year 2047

24/08/2047 00:00:00	☾	12°02'27" ♀	19°44'54"	04°31'33"	00°06'42"	0.003
24/08/2047 00:00:00	♄	15°01'22" ♀	-22°35'15"	00°00'00"	-00°06'48"	0.003
24/08/2047 00:00:00	♄	20°15'14" ♀	12°38'21"	05°06'28"	-00°25'19"	0.003
24/08/2047 00:00:00	X	00°49'15" ♀	05°59'31"	-06°08'37"	-00°00'16"	92.706
24/08/2047 00:00:00	Y	16°55'36" ♀	11°44'26"	-11°06'02"	00°00'19"	78.766
25/08/2047 00:00:00	☉	01°45'36" ♀	10°50'45"	-00°00'00"	00°57'51"	1.011
25/08/2047 00:00:00	☾	20°05'18" ♀	-12°34'34"	-05°06'28"	14°29'43"	0.002
25/08/2047 00:00:00	♀	18°04'13" ♀	05°25'37"	00°46'23"	01°39'55"	1.291
25/08/2047 00:00:00	♀	05°51'45" ♀	11°39'48"	-07°21'23"	-00°07'17"	0.336
25/08/2047 00:00:00	♂	13°20'00" ♀	17°53'25"	01°07'23"	00°38'22"	2.563
25/08/2047 00:00:00	♂	25°00'11" ♀	17°53'45"	-01°09'02"	00°03'57"	4.757
25/08/2047 00:00:00	♃	28°02'22" ♀	-22°29'22"	00°55'47"	-00°00'45"	9.558
25/08/2047 00:00:00	♃	06°26'41" ♀	09°49'10"	00°43'34"	00°03'45"	19.313
25/08/2047 00:00:00	♃	21°37'29" ♀	16°27'49"	-01°45'44"	00°00'00"	29.621
25/08/2047 00:00:00	♃	05°43'16" ♀	-21°01'26"	-12°32'06"	-00°01'16"	39.899
25/08/2047 00:00:00	♄	14°55'04" ♀	-22°35'57"	00°00'00"	-00°05'39"	0.003
25/08/2047 00:00:00	♃	22°18'42" ♀	-08°56'19"	-00°16'28"	00°06'39"	9.185
25/08/2047 00:00:00	☾	12°09'10" ♀	19°46'36"	04°31'08"	00°06'42"	0.003
25/08/2047 00:00:00	♄	14°55'04" ♀	-22°35'57"	00°00'00"	-00°05'39"	0.003

Ephemerides year 2047

25/08/2047 00:00:00	T♄	19°47'07" ♏	12°27'46"	05°06'37"	-00°32'07"	0.003
25/08/2047 00:00:00	X	00°48'58" ♏	05°59'24"	-06°08'39"	-00°00'17"	92.691
25/08/2047 00:00:00	Y	16°55'55" ♀	11°44'20"	-11°06'10"	00°00'18"	78.749
26/08/2047 00:00:00	☉	02°43'28" ♍	10°30'02"	-00°00'00"	00°57'52"	1.011
26/08/2047 00:00:00	☾	04°33'14" ♍	-17°34'46"	-04°49'51"	14°25'22"	0.002
26/08/2047 00:00:00	♀	19°43'28" ♍	04°40'27"	00°39'33"	01°38'34"	1.283
26/08/2047 00:00:00	♀	05°45'39" ♏	11°46'38"	-07°15'49"	-00°04'54"	0.340
26/08/2047 00:00:00	♂	13°58'22" ♏	17°42'37"	01°07'39"	00°38'20"	2.561
26/08/2047 00:00:00	♃	25°04'03" ♏	17°54'32"	-01°09'11"	00°03'46"	4.742
26/08/2047 00:00:00	♅	28°01'40" ♏	-22°29'31"	00°55'37"	-00°00'39"	9.573
26/08/2047 00:00:00	♁	06°30'27" ♍	09°47'46"	00°43'34"	00°03'45"	19.314
26/08/2047 00:00:00	♃	21°37'28" ♏	16°27'46"	-01°45'47"	-00°00'01"	29.604
26/08/2047 00:00:00	♁	05°41'59" ♏	-21°01'59"	-12°32'10"	-00°01'16"	39.899
26/08/2047 00:00:00	♁	14°50'16" ♏	-22°36'29"	00°00'00"	-00°03'52"	0.003
26/08/2047 00:00:00	♁	22°25'24" ♏	-08°58'30"	-00°16'08"	00°06'43"	9.198
26/08/2047 00:00:00	♁	12°15'52" ♏	19°48'17"	04°30'43"	00°06'42"	0.003
26/08/2047 00:00:00	T♁	14°50'16" ♏	-22°36'29"	00°00'00"	-00°03'52"	0.003
26/08/2047 00:00:00	T♄	19°12'43" ♏	12°14'54"	05°06'55"	-00°33'28"	0.003
26/08/2047 00:00:00	X	00°48'40" ♏	05°59'17"	-06°08'40"	-00°00'17"	92.677

Ephemerides year 2047

26/08/2047 00:00:00	Y	16°56'14" ♀	11°44'14"	-11°06'17"	00°00'17"	78.733
27/08/2047 00:00:00	☉	03°41'22" ♃	10°09'09"	-00°00'00"	00°57'54"	1.011
27/08/2047 00:00:00	☾	18°54'43" ♃	-21°31'38"	-04°15'08"	14°17'02"	0.002
27/08/2047 00:00:00	♀	21°21'21" ♃	03°55'28"	00°32'30"	01°37'13"	1.274
27/08/2047 00:00:00	♀	05°41'55" ♃	11°53'18"	-07°09'52"	-00°02'32"	0.345
27/08/2047 00:00:00	♂	14°36'42" ♃	17°31'42"	01°07'55"	00°38'19"	2.558
27/08/2047 00:00:00	♃	25°07'43" ☿	17°55'16"	-01°09'20"	00°03'35"	4.727
27/08/2047 00:00:00	♃	28°01'04" ♃	-22°29'40"	00°55'27"	-00°00'33"	9.588
27/08/2047 00:00:00	♃	06°34'12" ♃	09°46'23"	00°43'34"	00°03'45"	19.315
27/08/2047 00:00:00	♃	21°37'25" ☿	16°27'41"	-01°45'51"	-00°00'03"	29.588
27/08/2047 00:00:00	♃	05°40'42" ♃	-21°02'31"	-12°32'13"	-00°01'16"	39.899
27/08/2047 00:00:00	♃	14°47'24" ☿	-22°36'48"	00°00'00"	-00°01'52"	0.003
27/08/2047 00:00:00	♃	22°32'09" ♃	-09°00'42"	-00°15'49"	00°06'47"	9.211
27/08/2047 00:00:00	♃	12°22'34" ☿	19°49'58"	04°30'17"	00°06'42"	0.003
27/08/2047 00:00:00	T♃	14°47'24" ☿	-22°36'48"	00°00'00"	-00°01'52"	0.003
27/08/2047 00:00:00	T♃	18°51'06" ♃	12°06'51"	05°07'10"	-00°02'29"	0.003
27/08/2047 00:00:00	X	00°48'22" ☿	05°59'09"	-06°08'42"	-00°00'18"	92.662
27/08/2047 00:00:00	Y	16°56'31" ♀	11°44'07"	-11°06'25"	00°00'17"	78.716
28/08/2047 00:00:00	☉	04°39'16" ♃	09°48'06"	-00°00'00"	00°57'55"	1.010

Ephemerides year 2047

28/08/2047 00:00:00	♃	03°06'32" ♀	-24°07'35" ♀	-03°25'03"	14°06'19"	0.002
28/08/2047 00:00:00	♁	22°57'55" ♀	03°10'41"	00°25'14"	01°35'53"	1.265
28/08/2047 00:00:00	♂	05°40'33" ♀	11°59'45"	-07°03'33"	-00°00'12"	0.350
28/08/2047 00:00:00	♂	15°15'00" ♀	17°20'40"	01°08'10"	00°38'17"	2.556
28/08/2047 00:00:00	♃	25°11'13" ♂	17°55'57"	-01°09'29"	00°03'24"	4.712
28/08/2047 00:00:00	♃	28°00'33" ♀	-22°29'50"	00°55'17"	-00°00'27"	9.603
28/08/2047 00:00:00	♃	06°37'58" ♀	09°44'59"	00°43'34"	00°03'45"	19.315
28/08/2047 00:00:00	♃	21°37'20" ♂	16°27'37"	-01°45'54"	-00°00'05"	29.571
28/08/2047 00:00:00	♃	05°39'26" ♀	-21°03'03"	-12°32'16"	-00°01'16"	39.899
28/08/2047 00:00:00	♁	14°46'25" ♀	-22°36'54"	00°00'00"	-00°00'09"	0.003
28/08/2047 00:00:00	♂	22°38'59" ♀	-09°02'56"	-00°15'29"	00°06'51"	9.223
28/08/2047 00:00:00	♁	12°29'17" ♂	19°51'39"	04°29'51"	00°06'42"	0.003
28/08/2047 00:00:00	♁	14°46'25" ♀	-22°36'54"	00°00'00"	-00°00'09"	0.003
28/08/2047 00:00:00	♁	19°23'06" ♀	12°18'58"	05°07'01"	01°13'28"	0.003
28/08/2047 00:00:00	X	00°48'04" ♂	05°59'01"	-06°08'43"	-00°00'18"	92.648
28/08/2047 00:00:00	Y	16°56'48" ♀	11°44'01"	-11°06'33"	00°00'16"	78.699
29/08/2047 00:00:00	♁	05°37'12" ♀	09°26'54"	-00°00'00"	00°57'56"	1.010
29/08/2047 00:00:00	♃	17°07'00" ♀	-25°11'12" ♀	-02°23'16"	13°54'31"	0.002
29/08/2047 00:00:00	♁	24°33'08" ♀	02°26'09"	00°17'47"	01°34'33"	1.256

Ephemerides year 2047

29/08/2047 00:00:00	♀	05°41'30" ♏	12°05'59"	-06°56'55"	00°02'06"	0.356
29/08/2047 00:00:00	♂	15°53'17" ♏	17°09'32"	01°08'25"	00°38'16"	2.553
29/08/2047 00:00:00	♃	25°14'32" ♏	17°56'35"	-01°09'38"	00°03'13"	4.697
29/08/2047 00:00:00	♅	28°00'08" ♏	-22°29'59"	00°55'08"	-00°00'21"	9.618
29/08/2047 00:00:00	♁	06°41'44" ♏	09°43'35"	00°43'34"	00°03'46"	19.315
29/08/2047 00:00:00	♃	21°37'14" ♏	16°27'32"	-01°45'58"	-00°00'07"	29.555
29/08/2047 00:00:00	♁	05°38'09" ♏	-21°03'34"	-12°32'19"	-00°01'16"	39.900
29/08/2047 00:00:00	♏	14°46'51" ♏	-22°36'52"	00°00'00"	00°00'52"	0.003
29/08/2047 00:00:00	♁	22°45'52" ♏	-09°05'12"	-00°15'09"	00°06'54"	9.236
29/08/2047 00:00:00	♁	12°35'59" ♏	19°53'19"	04°29'25"	00°06'42"	0.003
29/08/2047 00:00:00	T♏	14°46'51" ♏	-22°36'52"	00°00'00"	00°00'52"	0.003
29/08/2047 00:00:00	T♁	21°27'28" ♏	13°05'14"	05°05'52"	02°57'01"	0.003
29/08/2047 00:00:00	X	00°47'44" ♏	05°58'54"	-06°08'44"	-00°00'19"	92.634
29/08/2047 00:00:00	Y	16°57'05" ♏	11°43'55"	-11°06'41"	00°00'15"	78.683
30/08/2047 00:00:00	♁	06°35'10" ♏	09°05'33"	00°00'00"	00°57'57"	1.010
30/08/2047 00:00:00	♃	00°55'32" ♏	-24°39'47"	-01°13'57"	13°42'34"	0.003
30/08/2047 00:00:00	♁	26°07'03" ♏	01°41'55"	00°10'10"	01°33'14"	1.246
30/08/2047 00:00:00	♀	05°44'45" ♏	12°11'57"	-06°49'59"	00°04'22"	0.361
30/08/2047 00:00:00	♂	16°31'33" ♏	16°58'17"	01°08'41"	00°38'14"	2.551

Ephemerides year 2047

30/08/2047 00:00:00	♃	25°17'40"	♍	17°57'11"	-01°09'47"	00°03'01"	4.682
30/08/2047 00:00:00	♅	27°59'49"	♌	-22°30'09"	00°54'58"	-00°00'16"	9.633
30/08/2047 00:00:00	♁	06°45'30"	♏	09°42'12"	00°43'34"	00°03'45"	19.315
30/08/2047 00:00:00	♆	21°37'05"	♍	16°27'26"	-01°46'01"	-00°00'09"	29.539
30/08/2047 00:00:00	♁	05°36'52"	♌	-21°04'06"	-12°32'21"	-00°01'16"	39.901
30/08/2047 00:00:00	♁	14°47'51"	♌	-22°36'45"	00°00'00"	00°00'57"	0.003
30/08/2047 00:00:00	♆	22°52'48"	♌	-09°07'28"	-00°14'50"	00°06'58"	9.248
30/08/2047 00:00:00	♁	12°42'41"	♍	19°54'59"	04°28'59"	00°06'42"	0.003
30/08/2047 00:00:00	♁	14°47'51"	♌	-22°36'45"	00°00'00"	00°00'57"	0.003
30/08/2047 00:00:00	♁	25°14'05"	♌	14°27'04"	05°02'38"	04°31'37"	0.003
30/08/2047 00:00:00	X	00°47'25"	♍	05°58'46"	-06°08'45"	-00°00'19"	92.620
30/08/2047 00:00:00	Y	16°57'20"	♈	11°43'48"	-11°06'49"	00°00'15"	78.666
31/08/2047 00:00:00	♁	07°33'08"	♏	08°44'03"	00°00'00"	00°57'59"	1.010
31/08/2047 00:00:00	♁	14°32'14"	♌	-22°39'54"	-00°01'27"	13°30'53"	0.003
31/08/2047 00:00:00	♆	27°39'37"	♏	00°58'00"	00°02'23"	01°31'55"	1.236
31/08/2047 00:00:00	♁	05°50'14"	♏	12°17'39"	-06°42'47"	00°06'36"	0.366
31/08/2047 00:00:00	♂	17°09'47"	♏	16°46'56"	01°08'56"	00°38'13"	2.548
31/08/2047 00:00:00	♃	25°20'36"	♍	17°57'44"	-01°09'57"	00°02'50"	4.667
31/08/2047 00:00:00	♅	27°59'36"	♌	-22°30'18"	00°54'48"	-00°00'10"	9.649

Ephemerides year 2047

31/08/2047 00:00:00	♃	06°49'15" ♎	09°40'48"	00°43'34"	00°03'45"	19.315
31/08/2047 00:00:00	♃	21°36'54" ♎	16°27'20"	-01°46'04"	-00°00'11"	29.522
31/08/2047 00:00:00	♃	05°35'36" ♎	-21°04'37"	-12°32'24"	-00°01'16"	39.902
31/08/2047 00:00:00	♃	14°48'26" ♎	-22°36'41"	00°00'00"	00°00'01"	0.003
31/08/2047 00:00:00	♃	22°59'48" ♎	-09°09'46"	-00°14'30"	00°07'01"	9.260
31/08/2047 00:00:00	♃	12°49'24" ♎	19°56'39"	04°28'33"	00°06'42"	0.003
31/08/2047 00:00:00	♃	14°48'26" ♎	-22°36'41"	00°00'00"	00°00'01"	0.003
31/08/2047 00:00:00	♃	00°17'05" ♎	16°11'10"	04°56'10"	05°26'00"	0.003
31/08/2047 00:00:00	♃	00°47'04" ♎	05°58'38"	-06°08'46"	-00°00'20"	92.606
31/08/2047 00:00:00	♃	16°57'35" ♎	11°43'41"	-11°06'57"	00°00'14"	78.649
01/09/2047 00:00:00	♃	08°31'08" ♎	08°22'25"	00°00'00"	00°58'00"	1.009
01/09/2047 00:00:00	♃	27°57'25" ♎	-19°25'19"	01°10'00"	13°19'28"	0.003
01/09/2047 00:00:00	♃	29°10'53" ♎	00°14'28"	-00°05'30"	01°30'35"	1.225
01/09/2047 00:00:00	♃	05°57'57" ♎	12°23'02"	-06°35'21"	00°08'47"	0.372
01/09/2047 00:00:00	♃	17°47'59" ♎	16°35'29"	01°09'11"	00°38'11"	2.545
01/09/2047 00:00:00	♃	25°23'21" ♎	17°58'14"	-01°10'06"	00°02'39"	4.652
01/09/2047 00:00:00	♃	27°59'29" ♎	-22°30'28"	00°54'38"	-00°00'04"	9.664
01/09/2047 00:00:00	♃	06°53'01" ♎	09°39'25"	00°43'34"	00°03'45"	19.314
01/09/2047 00:00:00	♃	21°36'42" ♎	16°27'14"	-01°46'08"	-00°00'13"	29.506

Ephemerides year 2047

01/09/2047 00:00:00	♁	05°34'19"	♋	-21°05'07"	-12°32'25"	-00°01'16"	39.904
01/09/2047 00:00:00	♁	14°47'38"	♋	-22°36'46"	00°00'00"	-00°01'46"	0.003
01/09/2047 00:00:00	♃	23°06'52"	♌	-09°12'05"	-00°14'11"	00°07'05"	9.272
01/09/2047 00:00:00	♁	12°56'06"	♋	19°58'18"	04°28'07"	00°06'42"	0.003
01/09/2047 00:00:00	♁	14°47'38"	♋	-22°36'46"	00°00'00"	-00°01'46"	0.003
01/09/2047 00:00:00	♁	05°48'11"	♋	17°56'59"	04°46'21"	05°27'17"	0.003
01/09/2047 00:00:00	♁	00°46'44"	♋	05°58'30"	-06°08'47"	-00°00'21"	92.592
01/09/2047 00:00:00	♁	16°57'49"	♌	11°43'35"	-11°07'05"	00°00'13"	78.632
02/09/2047 00:00:00	♁	09°29'10"	♌	08°00'40"	00°00'00"	00°58'02"	1.009
02/09/2047 00:00:00	♁	11°11'12"	♌	-15°13'33"	02°16'31"	13°08'05"	0.003
02/09/2047 00:00:00	♁	00°40'49"	♌	-00°28'39"	-00°13'32"	01°29'16"	1.215
02/09/2047 00:00:00	♁	06°07'49"	♌	12°28'07"	-06°27'42"	00°10'55"	0.378
02/09/2047 00:00:00	♁	18°26'10"	♌	16°23'56"	01°09'25"	00°38'10"	2.543
02/09/2047 00:00:00	♁	25°25'55"	♋	17°58'42"	-01°10'15"	00°02'27"	4.637
02/09/2047 00:00:00	♁	27°59'27"	♋	-22°30'38"	00°54'28"	00°00'01"	9.680
02/09/2047 00:00:00	♁	06°56'47"	♌	09°38'01"	00°43'34"	00°03'45"	19.313
02/09/2047 00:00:00	♁	21°36'27"	♋	16°27'07"	-01°46'11"	-00°00'15"	29.490
02/09/2047 00:00:00	♁	05°33'03"	♋	-21°05'38"	-12°32'27"	-00°01'16"	39.906
02/09/2047 00:00:00	♁	14°44'43"	♋	-22°37'06"	00°00'00"	-00°04'07"	0.003

Ephemerides year 2047

02/09/2047 00:00:00	♁	23°13'59"	♈	-09°14'25"	-00°13'51"	00°07'08"	9.284
02/09/2047 00:00:00	♁	13°02'48"	♈	19°59'57"	04°27'40"	00°06'42"	0.003
02/09/2047 00:00:00	♁	14°44'43"	♈	-22°37'06"	00°00'00"	-00°04'07"	0.003
02/09/2047 00:00:00	♁	10°55'29"	♈	19°26'46"	04°34'41"	04°40'22"	0.003
02/09/2047 00:00:00	X	00°46'22"	♈	05°58'21"	-06°08'49"	-00°00'21"	92.579
02/09/2047 00:00:00	Y	16°58'02"	♈	11°43'28"	-11°07'13"	00°00'12"	78.615
03/09/2047 00:00:00	♁	10°27'12"	♈	07°38'46"	00°00'00"	00°58'03"	1.009
03/09/2047 00:00:00	♁	24°13'31"	♈	-10°22'46"	03°14'43"	12°56'29"	0.003
03/09/2047 00:00:00	♁	02°09'26"	♈	-01°11'21"	-00°21'40"	01°27'56"	1.204
03/09/2047 00:00:00	♁	06°19'47"	♈	12°32'50"	-06°19'53"	00°13'00"	0.384
03/09/2047 00:00:00	♁	19°04'20"	♈	16°12'17"	01°09'40"	00°38'08"	2.540
03/09/2047 00:00:00	♁	25°28'17"	♈	17°59'07"	-01°10'24"	00°02'16"	4.623
03/09/2047 00:00:00	♁	27°59'31"	♈	-22°30'48"	00°54'18"	00°00'07"	9.696
03/09/2047 00:00:00	♁	07°00'33"	♈	09°36'37"	00°43'34"	00°03'45"	19.312
03/09/2047 00:00:00	♁	21°36'11"	♈	16°26'59"	-01°46'14"	-00°00'17"	29.474
03/09/2047 00:00:00	♁	05°31'46"	♈	-21°06'08"	-12°32'28"	-00°01'16"	39.908
03/09/2047 00:00:00	♁	14°39'20"	♈	-22°37'41"	00°00'00"	-00°06'37"	0.003
03/09/2047 00:00:00	♁	23°21'09"	♈	-09°16'46"	-00°13'32"	00°07'11"	9.295
03/09/2047 00:00:00	♁	13°09'30"	♈	20°01'36"	04°27'14"	00°06'42"	0.003

Ephemerides year 2047

03/09/2047 00:00:00	T♁	14°39'20" ♉	-22°37'41"	00°00'00"	-00°06'37"	0.003
03/09/2047 00:00:00	T♁	14°58'13" ♉	20°31'12"	04°23'39"	03°21'27"	0.003
03/09/2047 00:00:00	X	00°46'00" ♉	05°58'13"	-06°08'50"	-00°00'22"	92.565
03/09/2047 00:00:00	Y	16°58'14" ♀	11°43'21"	-11°07'21"	00°00'11"	78.598
04/09/2047 00:00:00	♁	11°25'17" ♉	07°16'46"	00°00'00"	00°58'05"	1.009
04/09/2047 00:00:00	♂	07°04'04" ♉	-05°09'57"	04°01'59"	12°44'32"	0.003
04/09/2047 00:00:00	♀	03°36'42" ♀	-01°53'35"	-00°29'54"	01°26'35"	1.192
04/09/2047 00:00:00	♀	06°33'49" ♀	12°37'13"	-06°11'53"	00°15'02"	0.390
04/09/2047 00:00:00	♂	19°42'28" ♀	16°00'31"	01°09'55"	00°38'07"	2.537
04/09/2047 00:00:00	♂	25°30'27" ♉	17°59'29"	-01°10'33"	00°02'04"	4.608
04/09/2047 00:00:00	♂	27°59'41" ♀	-22°30'58"	00°54'08"	00°00'12"	9.712
04/09/2047 00:00:00	♂	07°04'18" ♉	09°35'14"	00°43'35"	00°03'45"	19.311
04/09/2047 00:00:00	♂	21°35'52" ♉	16°26'51"	-01°46'18"	-00°00'19"	29.458
04/09/2047 00:00:00	♂	05°30'30" ♉	-21°06'37"	-12°32'29"	-00°01'16"	39.910
04/09/2047 00:00:00	♂	14°31'34" ♉	-22°38'32"	00°00'00"	-00°08'49"	0.003
04/09/2047 00:00:00	♂	23°28'23" ♀	-09°19'09"	-00°13'13"	00°07'15"	9.307
04/09/2047 00:00:00	♂	13°16'13" ♉	20°03'14"	04°26'47"	00°06'42"	0.003
04/09/2047 00:00:00	T♁	14°31'34" ♉	-22°38'32"	00°00'00"	-00°08'49"	0.003
04/09/2047 00:00:00	T♁	17°34'50" ♉	21°09'18"	04°15'27"	01°51'50"	0.003

Ephemerides year 2047

04/09/2047 00:00:00	X	00°45'38" ♄	05°58'04"	-06°08'51"	-00°00'22"	92.552
04/09/2047 00:00:00	Y	16°58'26" ♀	11°43'14"	-11°07'29"	00°00'11"	78.581
05/09/2047 00:00:00	♁	12°23'23" ♃	06°54'38"	00°00'00"	00°58'06"	1.008
05/09/2047 00:00:00	♂	19°42'31" ♃	00°09'55"	04°36'26"	12°32'21"	0.003
05/09/2047 00:00:00	♀	05°02'37" ♁	-02°35'18"	-00°38'12"	01°25'14"	1.181
05/09/2047 00:00:00	♀	06°49'51" ♃	12°41'13"	-06°03'46"	00°17'01"	0.396
05/09/2047 00:00:00	♂	20°20'35" ♃	15°48'41"	01°10'09"	00°38'06"	2.534
05/09/2047 00:00:00	♃	25°32'26" ♄	17°59'48"	-01°10'42"	00°01'53"	4.593
05/09/2047 00:00:00	♃	27°59'57" ♃	-22°31'08"	00°53'59"	00°00'18"	9.728
05/09/2047 00:00:00	♃	07°08'04" ♃	09°33'51"	00°43'35"	00°03'45"	19.309
05/09/2047 00:00:00	♃	21°35'32" ♄	16°26'43"	-01°46'21"	-00°00'21"	29.443
05/09/2047 00:00:00	♃	05°29'13" ♃	-21°07'06"	-12°32'29"	-00°01'16"	39.913
05/09/2047 00:00:00	♃	14°21'55" ♄	-22°39'34"	00°00'00"	-00°10'20"	0.003
05/09/2047 00:00:00	♃	23°35'39" ♁	-09°21'32"	-00°12'53"	00°07'18"	9.318
05/09/2047 00:00:00	♃	13°22'55" ♄	20°04'52"	04°26'20"	00°06'42"	0.003
05/09/2047 00:00:00	T♃	14°21'55" ♄	-22°39'34"	00°00'00"	-00°10'20"	0.003
05/09/2047 00:00:00	T♃	18°45'34" ♄	21°25'12"	04°11'05"	00°33'01"	0.003
05/09/2047 00:00:00	X	00°45'15" ♄	05°57'56"	-06°08'52"	-00°00'23"	92.539
05/09/2047 00:00:00	Y	16°58'36" ♀	11°43'07"	-11°07'37"	00°00'10"	78.564

Ephemerides year 2047

06/09/2047 00:00:00	☉	13°21'30" ♍	06°32'23"	00°00'00"	00°58'08"	1.008
06/09/2047 00:00:00	☾	02°08'51" ♋	05°23'45"	04°57'04"	12°20'22"	0.003
06/09/2047 00:00:00	♀	06°27'11" ♋	-03°16'28"	-00°46'34"	01°23'51"	1.169
06/09/2047 00:00:00	♀	07°07'50" ♋	12°44'49"	-05°55'31"	00°18'56"	0.402
06/09/2047 00:00:00	♂	20°58'40" ♋	15°36'44"	01°10'23"	00°38'04"	2.531
06/09/2047 00:00:00	♃	25°34'14" ♉	18°00'05"	-01°10'52"	00°01'41"	4.579
06/09/2047 00:00:00	♄	28°00'19" ♉	-22°31'18"	00°53'49"	00°00'24"	9.744
06/09/2047 00:00:00	♅	07°11'48" ♍	09°32'27"	00°43'35"	00°03'44"	19.307
06/09/2047 00:00:00	♆	21°35'09" ♉	16°26'34"	-01°46'24"	-00°00'23"	29.427
06/09/2047 00:00:00	♇	05°27'57" ♋	-21°07'35"	-12°32'29"	-00°01'15"	39.916
06/09/2047 00:00:00	♈	14°11'12" ♉	-22°40'42"	00°00'00"	-00°10'56"	0.003
06/09/2047 00:00:00	♉	23°42'59" ♋	-09°23'57"	-00°12'34"	00°07'21"	9.329
06/09/2047 00:00:00	♊	13°29'37" ♉	20°06'30"	04°25'53"	00°06'42"	0.003
06/09/2047 00:00:00	♋	14°11'12" ♉	-22°40'42"	00°00'00"	-00°10'56"	0.003
06/09/2047 00:00:00	♌	18°49'57" ♉	21°25'27"	04°10'04"	-00°18'59"	0.003
06/09/2047 00:00:00	♍	00°44'51" ♉	05°57'47"	-06°08'52"	-00°00'23"	92.527
06/09/2047 00:00:00	♎	16°58'46" ♋	11°43'00"	-11°07'45"	00°00'09"	78.547
07/09/2047 00:00:00	☉	14°19'40" ♍	06°10'02"	00°00'00"	00°58'10"	1.008
07/09/2047 00:00:00	☾	14°23'34" ♋	10°20'05"	05°03'37"	12°09'16"	0.003

Ephemerides year 2047

07/09/2047 00:00:00	♀	07°50'21" ♁	-03°57'05"	-00°54'59"	01°22'27"	1.157
07/09/2047 00:00:00	♀	07°27'42" ♀	12°48'01"	-05°47'11"	00°20'47"	0.408
07/09/2047 00:00:00	♂	21°36'44" ♀	15°24'42"	01°10'37"	00°38'03"	2.528
07/09/2047 00:00:00	♃	25°35'49" ♂	18°00'18"	-01°11'01"	00°01'29"	4.564
07/09/2047 00:00:00	♅	28°00'46" ♂	-22°31'29"	00°53'39"	00°00'30"	9.760
07/09/2047 00:00:00	♁	07°15'33" ♃	09°31'04"	00°43'36"	00°03'44"	19.305
07/09/2047 00:00:00	♃	21°34'45" ♂	16°26'24"	-01°46'28"	-00°00'25"	29.411
07/09/2047 00:00:00	♁	05°26'41" ♃	-21°08'04"	-12°32'29"	-00°01'15"	39.919
07/09/2047 00:00:00	♁	14°00'23" ♂	-22°41'50"	00°00'00"	-00°10'31"	0.002
07/09/2047 00:00:00	♁	23°50'22" ♁	-09°26'22"	-00°12'15"	00°07'24"	9.340
07/09/2047 00:00:00	♁	13°36'19" ♂	20°08'07"	04°25'26"	00°06'42"	0.003
07/09/2047 00:00:00	T♁	14°00'23" ♂	-22°41'50"	00°00'00"	-00°10'31"	0.002
07/09/2047 00:00:00	T♁	18°18'08" ♂	21°17'25"	04°11'02"	-00°39'47"	0.003
07/09/2047 00:00:00	X	00°44'27" ♂	05°57'38"	-06°08'53"	-00°00'24"	92.514
07/09/2047 00:00:00	Y	16°58'55" ♃	11°42'53"	-11°07'53"	00°00'08"	78.530
08/09/2047 00:00:00	♁	15°17'51" ♃	05°47'35"	00°00'00"	00°58'12"	1.008
08/09/2047 00:00:00	♃	26°27'59" ♂	14°48'32"	04°56'25"	11°59'54"	0.003
08/09/2047 00:00:00	♀	09°12'05" ♁	-04°37'04"	-01°03'25"	01°21'01"	1.144
08/09/2047 00:00:00	♀	07°49'24" ♀	12°50'48"	-05°38'45"	00°22'35"	0.415

Ephemerides year 2047

08/09/2047 00:00:00	♂	22°14'47" ♏	15°12'34"	01°10'51"	00°38'02"	2.524
08/09/2047 00:00:00	♃	25°37'13" ♏	18°00'29"	-01°11'10"	00°01'18"	4.550
08/09/2047 00:00:00	♃	28°01'20" ♏	-22°31'39"	00°53'29"	00°00'36"	9.776
08/09/2047 00:00:00	♃	07°19'18" ♏	09°29'41"	00°43'36"	00°03'44"	19.302
08/09/2047 00:00:00	♃	21°34'19" ♏	16°26'15"	-01°46'31"	-00°00'27"	29.396
08/09/2047 00:00:00	♃	05°25'26" ♏	-21°08'32"	-12°32'28"	-00°01'15"	39.923
08/09/2047 00:00:00	♏	13°50'28" ♏	-22°42'52"	00°00'00"	-00°09'09"	0.002
08/09/2047 00:00:00	♃	23°57'48" ♏	-09°28'49"	-00°11'56"	00°07'27"	9.350
08/09/2047 00:00:00	♃	13°43'01" ♏	20°09'44"	04°24'59"	00°06'42"	0.003
08/09/2047 00:00:00	T♏	13°50'28" ♏	-22°42'52"	00°00'00"	-00°09'09"	0.002
08/09/2047 00:00:00	T♃	17°38'14" ♏	21°07'33"	04°12'36"	-00°37'11"	0.003
08/09/2047 00:00:00	X	00°44'03" ♏	05°57'29"	-06°08'54"	-00°00'24"	92.502
08/09/2047 00:00:00	Y	16°59'04" ♏	11°42'45"	-11°08'01"	00°00'08"	78.512
09/09/2047 00:00:00	♃	16°16'04" ♏	05°25'01"	00°00'00"	00°58'14"	1.007
09/09/2047 00:00:00	♃	08°24'17" ♏	18°39'27"	04°36'17"	11°53'11"	0.003
09/09/2047 00:00:00	♃	10°32'23" ♏	-05°16'25"	-01°11'53"	01°19'33"	1.132
09/09/2047 00:00:00	♀	08°12'52" ♏	12°53'09"	-05°30'16"	00°24'20"	0.421
09/09/2047 00:00:00	♂	22°52'49" ♏	15°00'21"	01°11'05"	00°38'01"	2.521
09/09/2047 00:00:00	♃	25°38'25" ♏	18°00'38"	-01°11'19"	00°01'06"	4.536

Ephemerides year 2047

09/09/2047 00:00:00	♃	28°01'59" ♄	-22°31'49"	00°53'19"	00°00'42"	9.792
09/09/2047 00:00:00	♅	07°23'02" ♃	09°28'18"	00°43'37"	00°03'43"	19.300
09/09/2047 00:00:00	♆	21°33'50" ♃	16°26'04"	-01°46'34"	-00°00'29"	29.380
09/09/2047 00:00:00	♁	05°24'11" ♃	-21°09'00"	-12°32'27"	-00°01'15"	39.927
09/09/2047 00:00:00	♄	13°42'17" ♃	-22°43'42"	00°00'00"	-00°07'06"	0.002
09/09/2047 00:00:00	♁	24°05'17" ♃	-09°31'17"	-00°11'37"	00°07'30"	9.361
09/09/2047 00:00:00	♁	13°49'43" ♃	20°11'21"	04°24'32"	00°06'42"	0.003
09/09/2047 00:00:00	T♄	13°42'17" ♃	-22°43'42"	00°00'00"	-00°07'06"	0.002
09/09/2047 00:00:00	T♁	17°06'51" ♃	20°59'47"	04°13'56"	-00°25'12"	0.003
09/09/2047 00:00:00	X	00°43'38" ♃	05°57'19"	-06°08'55"	-00°00'25"	92.490
09/09/2047 00:00:00	Y	16°59'11" ♃	11°42'38"	-11°08'09"	00°00'07"	78.495
10/09/2047 00:00:00	♃	17°14'20" ♃	05°02'23"	00°00'00"	00°58'16"	1.007
10/09/2047 00:00:00	♃	20°15'34" ♃	21°43'37"	04°04'20"	11°50'01"	0.003
10/09/2047 00:00:00	♁	11°51'11" ♃	-05°55'05"	-01°20'20"	01°18'02"	1.119
10/09/2047 00:00:00	♁	08°38'03" ♃	12°55'03"	-05°21'43"	00°26'00"	0.428
10/09/2047 00:00:00	♂	23°30'50" ♃	14°48'02"	01°11'18"	00°37'59"	2.518
10/09/2047 00:00:00	♃	25°39'26" ♃	18°00'43"	-01°11'28"	00°00'54"	4.522
10/09/2047 00:00:00	♃	28°02'44" ♄	-22°32'00"	00°53'09"	00°00'48"	9.808
10/09/2047 00:00:00	♅	07°26'45" ♃	09°26'55"	00°43'37"	00°03'43"	19.297

Ephemerides year 2047

10/09/2047 00:00:00	♁	21°33'20"	♄	16°25'53"	-01°46'38"	-00°00'30"	29.365
10/09/2047 00:00:00	♁	05°22'56"	♃	-21°09'27"	-12°32'26"	-00°01'14"	39.931
10/09/2047 00:00:00	♁	13°36'22"	♄	-22°44'19"	00°00'00"	-00°04'42"	0.002
10/09/2047 00:00:00	♁	24°12'49"	♁	-09°33'46"	-00°11'18"	00°07'33"	9.371
10/09/2047 00:00:00	♁	13°56'25"	♄	20°12'57"	04°24'04"	00°06'42"	0.003
10/09/2047 00:00:00	T♁	13°36'22"	♄	-22°44'19"	00°00'00"	-00°04'42"	0.002
10/09/2047 00:00:00	T♁	16°46'34"	♄	20°54'49"	04°14'53"	-00°16'49"	0.003
10/09/2047 00:00:00	X	00°43'12"	♄	05°57'10"	-06°08'56"	-00°00'25"	92.478
10/09/2047 00:00:00	Y	16°59'18"	♁	11°42'30"	-11°08'18"	00°00'06"	78.478
11/09/2047 00:00:00	♁	18°12'37"	♁	04°39'39"	00°00'00"	00°58'18"	1.007
11/09/2047 00:00:00	♁	02°05'46"	♁	23°52'21"	♁ 03°21'54"	11°51'09"	0.003
11/09/2047 00:00:00	♁	13°08'27"	♁	-06°33'02"	-01°28'47"	01°16'28"	1.105
11/09/2047 00:00:00	♁	09°04'53"	♁	12°56'31"	-05°13'08"	00°27'38"	0.434
11/09/2047 00:00:00	♁	24°08'49"	♁	14°35'39"	01°11'32"	00°37'58"	2.514
11/09/2047 00:00:00	♁	25°40'14"	♄	18°00'46"	-01°11'37"	00°00'42"	4.508
11/09/2047 00:00:00	♁	28°03'35"	♁	-22°32'10"	00°53'00"	00°00'53"	9.825
11/09/2047 00:00:00	♁	07°30'29"	♁	09°25'32"	00°43'38"	00°03'43"	19.293
11/09/2047 00:00:00	♁	21°32'49"	♄	16°25'42"	-01°46'41"	-00°00'32"	29.350
11/09/2047 00:00:00	♁	05°21'41"	♃	-21°09'54"	-12°32'25"	-00°01'14"	39.936

Ephemerides year 2047

11/09/2047 00:00:00	♏	13°32'50" 𐄂	-22°44'40"	00°00'00"	-00°02'24"	0.002
11/09/2047 00:00:00	♋	24°20'24" 𐄃	-09°36'15"	-00°11'00"	00°07'36"	9.381
11/09/2047 00:00:00	♌	14°03'07" 𐄄	20°14'33"	04°23'37"	00°06'42"	0.003
11/09/2047 00:00:00	♏	13°32'50" 𐄂	-22°44'40"	00°00'00"	-00°02'24"	0.002
11/09/2047 00:00:00	♌	16°29'06" 𐄄	20°50'36"	04°15'48"	-00°20'34"	0.003
11/09/2047 00:00:00	X	00°42'46" 𐄄	05°57'01"	-06°08'56"	-00°00'26"	92.466
11/09/2047 00:00:00	Y	16°59'25" 𐄅	11°42'23"	-11°08'26"	00°00'05"	78.461
12/09/2047 00:00:00	♏	19°10'56" 𐄂	04°16'50"	00°00'00"	00°58'20"	1.007
12/09/2047 00:00:00	♎	13°59'32" 𐄃	24°57'52" 𐄃	02°30'29"	11°57'13"	0.003
12/09/2047 00:00:00	♌	14°24'07" 𐄄	-07°10'12"	-01°37'12"	01°14'51"	1.092
12/09/2047 00:00:00	♌	09°33'18" 𐄄	12°57'30"	-05°04'32"	00°29'12"	0.441
12/09/2047 00:00:00	♌	24°46'47" 𐄄	14°23'10"	01°11'45"	00°37'57"	2.511
12/09/2047 00:00:00	♌	25°40'51" 𐄄	18°00'45"	-01°11'46"	00°00'30"	4.494
12/09/2047 00:00:00	♌	28°04'32" 𐄄	-22°32'21"	00°52'50"	00°00'59"	9.841
12/09/2047 00:00:00	♌	07°34'11" 𐄄	09°24'10"	00°43'38"	00°03'42"	19.290
12/09/2047 00:00:00	♌	21°32'15" 𐄄	16°25'30"	-01°46'44"	-00°00'34"	29.335
12/09/2047 00:00:00	♌	05°20'27" 𐄄	-21°10'20"	-12°32'23"	-00°01'14"	39.940
12/09/2047 00:00:00	♏	13°31'23" 𐄂	-22°44'49"	00°00'00"	-00°00'35"	0.002
12/09/2047 00:00:00	♋	24°28'02" 𐄃	-09°38'46"	-00°10'41"	00°07'39"	9.391

Ephemerides year 2047

12/09/2047 00:00:00	☾	14°09'49" ♉	20°16'08"	04°23'09"	00°06'42"	0.003
12/09/2047 00:00:00	♁	13°31'23" ♉	-22°44'49"	00°00'00"	-00°00'35"	0.002
12/09/2047 00:00:00	♁	16°00'03" ♉	20°43'28"	04°17'15"	-00°40'17"	0.003
12/09/2047 00:00:00	X	00°42'20" ♉	05°56'51"	-06°08'57"	-00°00'26"	92.454
12/09/2047 00:00:00	Y	16°59'30" ♉	11°42'15"	-11°08'34"	00°00'05"	78.444
13/09/2047 00:00:00	☉	20°09'18" ♉	03°53'56"	00°00'00"	00°58'22"	1.006
13/09/2047 00:00:00	☾	26°01'59" ♉	24°54'12" ♁	01°31'48"	12°08'32"	0.003
13/09/2047 00:00:00	♁	15°38'08" ♉	-07°46'34"	-01°45'34"	01°13'09"	1.078
13/09/2047 00:00:00	♀	10°03'16" ♉	12°58'02"	-04°55'54"	00°30'42"	0.448
13/09/2047 00:00:00	♂	25°24'44" ♉	14°10'36"	01°11'58"	00°37'56"	2.507
13/09/2047 00:00:00	♃	25°41'15" ♉	18°00'43"	-01°11'55"	00°00'18"	4.480
13/09/2047 00:00:00	♄	28°05'35" ♉	-22°32'31"	00°52'40"	00°01'05"	9.857
13/09/2047 00:00:00	♅	07°37'54" ♉	09°22'48"	00°43'39"	00°03'42"	19.286
13/09/2047 00:00:00	♆	21°31'39" ♉	16°25'18"	-01°46'47"	-00°00'36"	29.320
13/09/2047 00:00:00	♇	05°19'13" ♉	-21°10'46"	-12°32'21"	-00°01'13"	39.945
13/09/2047 00:00:00	♁	13°31'22" ♉	-22°44'49"	00°00'00"	00°00'23"	0.002
13/09/2047 00:00:00	♂	24°35'43" ♉	-09°41'18"	-00°10'22"	00°07'41"	9.401
13/09/2047 00:00:00	☾	14°16'32" ♉	20°17'44"	04°22'41"	00°06'42"	0.003
13/09/2047 00:00:00	♁	13°31'22" ♉	-22°44'49"	00°00'00"	00°00'23"	0.002

Ephemerides year 2047

13/09/2047 00:00:00	T♄	15°03'18" ♉	20°29'09"	04°19'55"	-01°15'29"	0.003
13/09/2047 00:00:00	X	00°41'54" ♉	05°56'41"	-06°08'57"	-00°00'26"	92.443
13/09/2047 00:00:00	Y	16°59'35" ♀	11°42'08"	-11°08'42"	00°00'04"	78.427
14/09/2047 00:00:00	☉	21°07'42" ♎	03°30'58"	00°00'00"	00°58'24"	1.006
14/09/2047 00:00:00	☾	08°18'24" ♋	23°38'09" ♋	00°27'47"	12°25'09"	0.003
14/09/2047 00:00:00	♁	16°50'24" ♋	-08°22'05"	-01°53'51"	01°11'22"	1.064
14/09/2047 00:00:00	♀	10°34'43" ♋	12°58'05"	-04°47'16"	00°32'10"	0.455
14/09/2047 00:00:00	♂	26°02'40" ♋	13°57'57"	01°12'11"	00°37'55"	2.504
14/09/2047 00:00:00	♃	25°41'28" ♉	18°00'37"	-01°12'04"	00°00'06"	4.466
14/09/2047 00:00:00	♅	28°06'43" ♌	-22°32'42"	00°52'30"	00°01'11"	9.874
14/09/2047 00:00:00	♆	07°41'36" ♎	09°21'25"	00°43'39"	00°03'41"	19.282
14/09/2047 00:00:00	♁	21°31'02" ♉	16°25'05"	-01°46'50"	-00°00'38"	29.306
14/09/2047 00:00:00	♂	05°17'59" ♋	-21°11'12"	-12°32'18"	-00°01'13"	39.951
14/09/2047 00:00:00	♁	13°31'50" ♋	-22°44'46"	00°00'00"	00°00'20"	0.002
14/09/2047 00:00:00	♁	24°43'26" ♋	-09°43'50"	-00°10'03"	00°07'44"	9.410
14/09/2047 00:00:00	♁	14°23'14" ♉	20°19'19"	04°22'13"	00°06'42"	0.003
14/09/2047 00:00:00	T♁	13°31'50" ♋	-22°44'46"	00°00'00"	00°00'20"	0.002
14/09/2047 00:00:00	T♄	13°25'41" ♉	20°03'38"	04°24'09"	-02°00'38"	0.003
14/09/2047 00:00:00	X	00°41'26" ♉	05°56'32"	-06°08'58"	-00°00'27"	92.432

Ephemerides year 2047

14/09/2047 00:00:00	Y	16°59'39" ♀	11°42'00"	-11°08'50"	00°00'03"	78.410
15/09/2047 00:00:00	☉	22°06'07" ♍	03°07'57"	00°00'00"	00°58'26"	1.006
15/09/2047 00:00:00	☾	20°53'54" ♎	21°09'56"	-00°39'06"	12°46'35"	0.003
15/09/2047 00:00:00	♀	18°00'52" ♋	-08°56'41"	-02°02'04"	01°09'30"	1.050
15/09/2047 00:00:00	♀	11°07'35" ♋	12°57'40"	-04°38'38"	00°33'34"	0.462
15/09/2047 00:00:00	♂	26°40'34" ♋	13°45'14"	01°12'24"	00°37'53"	2.500
15/09/2047 00:00:00	♃	25°41'28" ♉	18°00'28"	-01°12'13"	-00°00'05"	4.452
15/09/2047 00:00:00	♅	28°07'58" ♌	-22°32'53"	00°52'20"	00°01'17"	9.890
15/09/2047 00:00:00	♁	07°45'17" ♍	09°20'04"	00°43'40"	00°03'40"	19.278
15/09/2047 00:00:00	♃	21°30'23" ♉	16°24'52"	-01°46'53"	-00°00'40"	29.291
15/09/2047 00:00:00	♁	05°16'46" ♋	-21°11'37"	-12°32'15"	-00°01'12"	39.956
15/09/2047 00:00:00	♁	13°31'42" ♉	-22°44'47"	00°00'00"	-00°00'46"	0.002
15/09/2047 00:00:00	♃	24°51'12" ♋	-09°46'23"	-00°09'45"	00°07'47"	9.420
15/09/2047 00:00:00	♁	14°29'56" ♉	20°20'53"	04°21'45"	00°06'42"	0.003
15/09/2047 00:00:00	T♁	13°31'42" ♉	-22°44'47"	00°00'00"	-00°00'46"	0.002
15/09/2047 00:00:00	T♃	11°02'24" ♉	19°24'21"	04°29'50"	-02°44'30"	0.003
15/09/2047 00:00:00	X	00°40'59" ♉	05°56'22"	-06°08'58"	-00°00'27"	92.421
15/09/2047 00:00:00	Y	16°59'42" ♀	11°41'52"	-11°08'58"	00°00'02"	78.393
16/09/2047 00:00:00	☉	23°04'35" ♍	02°44'51"	00°00'00"	00°58'28"	1.006

Ephemerides year 2047

16/09/2047 00:00:00	♃	03°52'50" ♏	17°33'43"	-01°45'55"	13°11'48"	0.003
16/09/2047 00:00:00	♆	19°09'24" ♋	-09°30'20"	-02°10'10"	01°07'32"	1.035
16/09/2047 00:00:00	♀	11°41'50" ♏	12°56'45"	-04°30'01"	00°34'54"	0.468
16/09/2047 00:00:00	♂	27°18'28" ♏	13°32'26"	01°12'37"	00°37'52"	2.497
16/09/2047 00:00:00	♃	25°41'16" ♉	18°00'17"	-01°12'21"	-00°00'17"	4.439
16/09/2047 00:00:00	♄	28°09'18" ♉	-22°33'04"	00°52'11"	00°01'23"	9.907
16/09/2047 00:00:00	♃	07°48'57" ♉	09°18'42"	00°43'41"	00°03'40"	19.273
16/09/2047 00:00:00	♆	21°29'42" ♉	16°24'39"	-01°46'56"	-00°00'41"	29.277
16/09/2047 00:00:00	♃	05°15'34" ♉	-21°12'01"	-12°32'12"	-00°01'12"	39.962
16/09/2047 00:00:00	♏	13°29'59" ♉	-22°44'57"	00°00'00"	-00°02'46"	0.002
16/09/2047 00:00:00	♃	24°59'00" ♋	-09°48'58"	-00°09'26"	00°07'49"	9.429
16/09/2047 00:00:00	♃	14°36'38" ♉	20°22'27"	04°21'17"	00°06'42"	0.003
16/09/2047 00:00:00	♏	13°29'59" ♉	-22°44'57"	00°00'00"	-00°02'46"	0.002
16/09/2047 00:00:00	♃	08°02'02" ♉	18°32'03"	04°36'11"	-03°12'24"	0.003
16/09/2047 00:00:00	X	00°40'31" ♉	05°56'12"	-06°08'59"	-00°00'28"	92.410
16/09/2047 00:00:00	Y	16°59'44" ♉	11°41'44"	-11°09'06"	00°00'01"	78.375
17/09/2047 00:00:00	♃	24°03'05" ♉	02°21'43"	-00°00'00"	00°58'30"	1.005
17/09/2047 00:00:00	♃	17°18'12" ♏	12°57'32"	-02°49'03"	13°39'04"	0.003
17/09/2047 00:00:00	♆	20°15'55" ♋	-10°02'58"	-02°18'09"	01°05'27"	1.020

Ephemerides year 2047

17/09/2047 00:00:00	♀	12°17'24" ♏	12°55'21"	-04°21'25"	00°36'12"	0.475
17/09/2047 00:00:00	♂	27°56'20" ♏	13°19'34"	01°12'50"	00°37'51"	2.493
17/09/2047 00:00:00	♃	25°40'52" ♏	18°00'03"	-01°12'30"	-00°00'30"	4.425
17/09/2047 00:00:00	♅	28°10'44" ♏	-22°33'15"	00°52'01"	00°01'28"	9.923
17/09/2047 00:00:00	♁	07°52'37" ♏	09°17'21"	00°43'41"	00°03'39"	19.268
17/09/2047 00:00:00	♃	21°28'59" ♏	16°24'25"	-01°46'59"	-00°00'43"	29.262
17/09/2047 00:00:00	♁	05°14'22" ♏	-21°12'25"	-12°32'09"	-00°01'11"	39.968
17/09/2047 00:00:00	♁	13°25'58" ♏	-22°45'22"	00°00'00"	-00°05'19"	0.002
17/09/2047 00:00:00	♁	25°06'51" ♏	-09°51'33"	-00°09'08"	00°07'52"	9.438
17/09/2047 00:00:00	♁	14°43'20" ♏	20°24'01"	04°20'48"	00°06'42"	0.003
17/09/2047 00:00:00	T♁	13°25'58" ♏	-22°45'22"	00°00'00"	-00°05'19"	0.002
17/09/2047 00:00:00	T♁	04°46'41" ♏	17°32'06"	04°42'06"	-03°13'30"	0.003
17/09/2047 00:00:00	X	00°40'03" ♏	05°56'02"	-06°08'59"	-00°00'28"	92.400
17/09/2047 00:00:00	Y	16°59'46" ♏	11°41'36"	-11°09'15"	00°00'01"	78.358
18/09/2047 00:00:00	♁	25°01'37" ♏	01°58'31"	-00°00'00"	00°58'32"	1.005
18/09/2047 00:00:00	♁	01°10'49" ♏	07°33'18"	-03°44'16"	14°05'53"	0.002
18/09/2047 00:00:00	♁	21°20'18" ♏	-10°34'31"	-02°25'58"	01°03'15"	1.005
18/09/2047 00:00:00	♀	12°54'14" ♏	12°53'27"	-04°12'50"	00°37'27"	0.482
18/09/2047 00:00:00	♂	28°34'10" ♏	13°06'37"	01°13'02"	00°37'50"	2.489

Ephemerides year 2047

18/09/2047 00:00:00	♃	25°40'16"	♎	17°59'46"	-01°12'38"	-00°00'42"	4.412
18/09/2047 00:00:00	♅	28°12'15"	♈	-22°33'26"	00°51'51"	00°01'34"	9.940
18/09/2047 00:00:00	♁	07°56'16"	♉	09°16'00"	00°43'42"	00°03'38"	19.263
18/09/2047 00:00:00	♆	21°28'14"	♎	16°24'10"	-01°47'02"	-00°00'45"	29.248
18/09/2047 00:00:00	♁	05°13'10"	♈	-21°12'49"	-12°32'05"	-00°01'11"	39.975
18/09/2047 00:00:00	♁	13°19'20"	♎	-22°46'01"	00°00'00"	-00°07'53"	0.003
18/09/2047 00:00:00	♆	25°14'45"	♎	-09°54'08"	-00°08'49"	00°07'54"	9.447
18/09/2047 00:00:00	♁	14°50'02"	♎	20°25'35"	04°20'20"	00°06'41"	0.003
18/09/2047 00:00:00	♁	13°19'20"	♎	-22°46'01"	00°00'00"	-00°07'53"	0.003
18/09/2047 00:00:00	♁	01°43'36"	♎	16°32'58"	04°46'44"	-02°49'18"	0.003
18/09/2047 00:00:00	X	00°39'34"	♎	05°55'52"	-06°08'59"	-00°00'29"	92.390
18/09/2047 00:00:00	Y	16°59'46"	♈	11°41'28"	-11°09'23"	00°00'00"	78.341
19/09/2047 00:00:00	♁	26°00'11"	♉	01°35'17"	-00°00'00"	00°58'34"	1.005
19/09/2047 00:00:00	♁	15°28'50"	♉	01°36'50"	-04°27'10"	14°29'19"	0.002
19/09/2047 00:00:00	♆	22°22'23"	♎	-11°04'55"	-02°33'37"	01°00'53"	0.990
19/09/2047 00:00:00	♆	13°32'18"	♎	12°51'03"	-04°04'18"	00°38'39"	0.490
19/09/2047 00:00:00	♂	29°12'00"	♎	12°53'35"	01°13'15"	00°37'48"	2.485
19/09/2047 00:00:00	♃	25°39'27"	♎	17°59'27"	-01°12'47"	-00°00'54"	4.399
19/09/2047 00:00:00	♅	28°13'53"	♈	-22°33'37"	00°51'42"	00°01'40"	9.957

Ephemerides year 2047

19/09/2047 00:00:00	♃	07°59'54" ♃	09°14'39"	00°43'43"	00°03'37"	19.258
19/09/2047 00:00:00	♃	21°27'28" ♃	16°23'55"	-01°47'05"	-00°00'47"	29.234
19/09/2047 00:00:00	♃	05°11'59" ♃	-21°13'12"	-12°32'01"	-00°01'10"	39.981
19/09/2047 00:00:00	♃	13°10'21" ♃	-22°46'55"	00°00'00"	-00°09'56"	0.003
19/09/2047 00:00:00	♃	25°22'41" ♃	-09°56'45"	-00°08'31"	00°07'56"	9.455
19/09/2047 00:00:00	♃	14°56'44" ♃	20°27'08"	04°19'51"	00°06'41"	0.003
19/09/2047 00:00:00	T♃	13°10'21" ♃	-22°46'55"	00°00'00"	-00°09'56"	0.003
19/09/2047 00:00:00	T♃	29°11'55" ♃	15°42'00"	04°49'54"	-02°13'41"	0.003
19/09/2047 00:00:00	X	00°39'04" ♃	05°55'41"	-06°09'00"	-00°00'29"	92.380
19/09/2047 00:00:00	Y	16°59'46" ♃	11°41'20"	-11°09'31"	-00°00'00"	78.324
20/09/2047 00:00:00	♃	26°58'47" ♃	01°12'01"	-00°00'00"	00°58'36"	1.005
20/09/2047 00:00:00	♃	00°07'20" ♃	-04°32'20"	-04°53'41"	14°46'25"	0.002
20/09/2047 00:00:00	♃	23°22'01" ♃	-11°34'05"	-02°41'04"	00°58'22"	0.974
20/09/2047 00:00:00	♃	14°11'32" ♃	12°48'09"	-03°55'47"	00°39'48"	0.497
20/09/2047 00:00:00	♃	29°49'48" ♃	12°40'30"	01°13'27"	00°37'47"	2.481
20/09/2047 00:00:00	♃	25°38'27" ♃	17°59'04"	-01°12'55"	-00°01'06"	4.386
20/09/2047 00:00:00	♃	28°15'36" ♃	-22°33'48"	00°51'32"	00°01'45"	9.973
20/09/2047 00:00:00	♃	08°03'31" ♃	09°13'19"	00°43'44"	00°03'36"	19.252
20/09/2047 00:00:00	♃	21°26'39" ♃	16°23'40"	-01°47'08"	-00°00'49"	29.221

Ephemerides year 2047

20/09/2047 00:00:00	♁	05°10'48" ♉	-21°13'35"	-12°31'57"	-00°01'10"	39.988
20/09/2047 00:00:00	♁	12°59'47" ♉	-22°47'56"	00°00'00"	-00°10'58"	0.003
20/09/2047 00:00:00	♁	25°30'39" ♉	-09°59'22"	-00°08'12"	00°07'59"	9.463
20/09/2047 00:00:00	♁	15°03'26" ♉	20°28'41"	04°19'22"	00°06'41"	0.003
20/09/2047 00:00:00	♁	12°59'47" ♉	-22°47'56"	00°00'00"	-00°10'58"	0.003
20/09/2047 00:00:00	♁	27°14'06" ♉	15°01'19"	04°52'01"	-01°44'13"	0.003
20/09/2047 00:00:00	X	00°38'35" ♉	05°55'31"	-06°09'00"	-00°00'29"	92.370
20/09/2047 00:00:00	Y	16°59'45" ♉	11°41'12"	-11°09'39"	-00°00'01"	78.308
21/09/2047 00:00:00	♁	27°57'25" ♉	00°48'44"	-00°00'00"	00°58'38"	1.004
21/09/2047 00:00:00	♁	14°58'50" ♉	-10°31'20"	-05°00'55"	14°55'03"	0.002
21/09/2047 00:00:00	♁	24°19'03" ♉	-12°01'56"	-02°48'16"	00°55'39"	0.959
21/09/2047 00:00:00	♁	14°51'54" ♉	12°44'44"	-03°47'19"	00°40'54"	0.504
21/09/2047 00:00:00	♁	00°27'34" ♉	12°27'21"	01°13'39"	00°37'45"	2.477
21/09/2047 00:00:00	♁	25°37'14" ♉	17°58'39"	-01°13'03"	-00°01'18"	4.373
21/09/2047 00:00:00	♁	28°17'25" ♉	-22°33'59"	00°51'23"	00°01'51"	9.990
21/09/2047 00:00:00	♁	08°07'08" ♉	09°11'58"	00°43'45"	00°03'35"	19.246
21/09/2047 00:00:00	♁	21°25'49" ♉	16°23'24"	-01°47'11"	-00°00'50"	29.207
21/09/2047 00:00:00	♁	05°09'38" ♉	-21°13'57"	-12°31'52"	-00°01'09"	39.995
21/09/2047 00:00:00	♁	12°48'50" ♉	-22°49'00"	00°00'00"	-00°10'44"	0.003

Ephemerides year 2047

21/09/2047 00:00:00	♁	25°38'39"	♈	-10°02'00"	-00°07'54"	00°08'01"	9.471
21/09/2047 00:00:00	♁	15°10'08"	♈	20°30'14"	04°18'53"	00°06'41"	0.003
21/09/2047 00:00:00	♁	12°48'50"	♈	-22°49'00"	00°00'00"	-00°10'44"	0.003
21/09/2047 00:00:00	♁	25°37'21"	♈	14°27'22"	04°53'41"	-01°32'45"	0.003
21/09/2047 00:00:00	X	00°38'04"	♈	05°55'21"	-06°09'00"	-00°00'30"	92.361
21/09/2047 00:00:00	Y	16°59'43"	♈	11°41'04"	-11°09'47"	-00°00'02"	78.291
22/09/2047 00:00:00	♁	28°56'05"	♈	00°25'24"	-00°00'00"	00°58'40"	1.004
22/09/2047 00:00:00	♁	29°54'22"	♈	-15°55'14"	-04°47'47"	14°54'29"	0.002
22/09/2047 00:00:00	♁	25°13'17"	♈	-12°28'24"	-02°55'12"	00°52'45"	0.943
22/09/2047 00:00:00	♁	15°33'21"	♈	12°40'50"	-03°38'54"	00°41'59"	0.511
22/09/2047 00:00:00	♁	01°05'20"	♈	12°14'07"	01°13'51"	00°37'44"	2.473
22/09/2047 00:00:00	♁	25°35'49"	♈	17°58'11"	-01°13'12"	-00°01'30"	4.360
22/09/2047 00:00:00	♁	28°19'19"	♈	-22°34'10"	00°51'13"	00°01'57"	10.006
22/09/2047 00:00:00	♁	08°10'43"	♈	09°10'39"	00°43'45"	00°03'35"	19.240
22/09/2047 00:00:00	♁	21°24'57"	♈	16°23'08"	-01°47'14"	-00°00'52"	29.194
22/09/2047 00:00:00	♁	05°08'29"	♈	-21°14'18"	-12°31'47"	-00°01'09"	40.003
22/09/2047 00:00:00	♁	12°38'44"	♈	-22°49'57"	00°00'00"	-00°09'15"	0.003
22/09/2047 00:00:00	♁	25°46'41"	♈	-10°04'38"	-00°07'36"	00°08'03"	9.479
22/09/2047 00:00:00	♁	15°16'50"	♈	20°31'46"	04°18'24"	00°06'41"	0.003

Ephemerides year 2047

22/09/2047 00:00:00	T♁	12°38'44" ♏	-22°49'57"	00°00'00"	-00°09'15"	0.003
22/09/2047 00:00:00	T♁	24°02'07" ♏	13°53'37"	04°55'23"	-01°40'19"	0.003
22/09/2047 00:00:00	X	00°37'34" ♏	05°55'10"	-06°09'00"	-00°00'30"	92.352
22/09/2047 00:00:00	Y	16°59'41" ♏	11°40'56"	-11°09'55"	-00°00'02"	78.274
23/09/2047 00:00:00	☉	29°54'46" ♏	00°02'04"	-00°00'00"	00°58'42"	1.004
23/09/2047 00:00:00	☾	14°45'02" ♏	-20°19'16"	-04°15'17"	14°45'36"	0.002
23/09/2047 00:00:00	♁	26°04'29" ♏	-12°53'21"	-03°01'50"	00°49'36"	0.926
23/09/2047 00:00:00	♀	16°15'51" ♏	12°36'25"	-03°30'32"	00°43'00"	0.518
23/09/2047 00:00:00	♂	01°43'04" ♏	12°00'50"	01°14'03"	00°37'43"	2.469
23/09/2047 00:00:00	♂	25°34'12" ♏	17°57'40"	-01°13'20"	-00°01'42"	4.348
23/09/2047 00:00:00	♃	28°21'20" ♏	-22°34'21"	00°51'03"	00°02'03"	10.023
23/09/2047 00:00:00	♃	08°14'18" ♏	09°09'19"	00°43'46"	00°03'34"	19.233
23/09/2047 00:00:00	♃	21°24'04" ♏	16°22'51"	-01°47'17"	-00°00'54"	29.180
23/09/2047 00:00:00	♃	05°07'20" ♏	-21°14'40"	-12°31'41"	-00°01'08"	40.011
23/09/2047 00:00:00	♁	12°30'37" ♏	-22°50'43"	00°00'00"	-00°06'52"	0.003
23/09/2047 00:00:00	♁	25°54'46" ♏	-10°07'17"	-00°07'17"	00°08'05"	9.487
23/09/2047 00:00:00	♁	15°23'32" ♏	20°33'17"	04°17'55"	00°06'41"	0.003
23/09/2047 00:00:00	T♁	12°30'37" ♏	-22°50'43"	00°00'00"	-00°06'52"	0.003
23/09/2047 00:00:00	T♁	22°14'06" ♏	13°14'54"	04°57'18"	-01°55'21"	0.003

Ephemerides year 2047

23/09/2047 00:00:00	X	00°37'03" ♃	05°55'00"	-06°09'00"	-00°00'30"	92.343
23/09/2047 00:00:00	Y	16°59'38" ♃	11°40'47"	-11°10'03"	-00°00'03"	78.257
24/09/2047 00:00:00	☉	00°53'30" ♌	-00°21'16"	-00°00'00"	00°58'44"	1.003
24/09/2047 00:00:00	☾	29°23'30" ♎	-23°22'20"	-03°26'21"	14°30'31"	0.002
24/09/2047 00:00:00	♀	26°52'25" ♌	-13°16'41"	-03°08'07"	00°46'13"	0.910
24/09/2047 00:00:00	♀	16°59'22" ♎	12°31'29"	-03°22'13"	00°44'00"	0.526
24/09/2047 00:00:00	♂	02°20'46" ♎	11°47'29"	01°14'15"	00°37'41"	2.464
24/09/2047 00:00:00	♃	25°32'23" ♃	17°57'07"	-01°13'27"	-00°01'54"	4.335
24/09/2047 00:00:00	♅	28°23'26" ♁	-22°34'32"	00°50'54"	00°02'08"	10.039
24/09/2047 00:00:00	♁	08°17'51" ♎	09°08'00"	00°43'47"	00°03'33"	19.227
24/09/2047 00:00:00	♃	21°23'09" ♃	16°22'34"	-01°47'20"	-00°00'55"	29.167
24/09/2047 00:00:00	♅	05°06'12" ♃	-21°15'00"	-12°31'36"	-00°01'07"	40.019
24/09/2047 00:00:00	♎	12°25'06" ♁	-22°51'14"	00°00'00"	-00°04'10"	0.003
24/09/2047 00:00:00	♁	26°02'53" ♌	-10°09'57"	-00°06'59"	00°08'07"	9.494
24/09/2047 00:00:00	♃	15°30'14" ♃	20°34'49"	04°17'26"	00°06'42"	0.003
24/09/2047 00:00:00	T♎	12°25'06" ♁	-22°51'14"	00°00'00"	-00°04'10"	0.003
24/09/2047 00:00:00	T♃	20°16'06" ♃	12°31'58"	04°59'11"	-01°56'22"	0.003
24/09/2047 00:00:00	X	00°36'32" ♃	05°54'49"	-06°09'00"	-00°00'31"	92.334
24/09/2047 00:00:00	Y	16°59'34" ♃	11°40'39"	-11°10'11"	-00°00'04"	78.240

Ephemerides year 2047

25/09/2047 00:00:00	☉	01°52'15" ♌	-00°44'38"	00°00'00"	00°58'45"	1.003
25/09/2047 00:00:00	☾	13°44'54" ♏	-24°50'45" ♌	-02°25'07"	14°11'54"	0.002
25/09/2047 00:00:00	♃	27°36'50" ♌	-13°38'17"	-03°14'00"	00°42'33"	0.894
25/09/2047 00:00:00	♂	17°43'51" ♏	12°26'03"	-03°13'58"	00°44'57"	0.533
25/09/2047 00:00:00	♂	02°58'27" ♏	11°34'04"	01°14'26"	00°37'40"	2.460
25/09/2047 00:00:00	♃	25°30'22" ♏	17°56'31"	-01°13'35"	-00°02'06"	4.323
25/09/2047 00:00:00	♃	28°25'37" ♏	-22°34'42"	00°50'45"	00°02'14"	10.056
25/09/2047 00:00:00	♃	08°21'24" ♏	09°06'42"	00°43'48"	00°03'32"	19.220
25/09/2047 00:00:00	♃	21°22'12" ♏	16°22'17"	-01°47'23"	-00°00'57"	29.154
25/09/2047 00:00:00	♃	05°05'05" ♏	-21°15'20"	-12°31'30"	-00°01'06"	40.027
25/09/2047 00:00:00	♃	12°22'10" ♏	-22°51'30"	00°00'00"	-00°01'46"	0.003
25/09/2047 00:00:00	♃	26°11'01" ♌	-10°12'38"	-00°06'41"	00°08'09"	9.502
25/09/2047 00:00:00	♃	15°36'56" ♏	20°36'20"	04°16'57"	00°06'42"	0.003
25/09/2047 00:00:00	♃	12°22'10" ♏	-22°51'30"	00°00'00"	-00°01'46"	0.003
25/09/2047 00:00:00	♃	18°32'53" ♏	11°53'48"	05°00'36"	-01°23'27"	0.003
25/09/2047 00:00:00	X	00°36'01" ♏	05°54'39"	-06°09'00"	-00°00'31"	92.326
25/09/2047 00:00:00	Y	16°59'29" ♏	11°40'31"	-11°10'19"	-00°00'05"	78.224
26/09/2047 00:00:00	☉	02°51'01" ♌	-01°07'59"	00°00'00"	00°58'47"	1.003
26/09/2047 00:00:00	☾	27°46'59" ♏	-24°41'11" ♌	-01°16'17"	13°52'15"	0.002

Ephemerides year 2047

26/09/2047 00:00:00	♀	28°17'26" ♈	-13°58'01"	-03°19'26"	00°38'34"	0.877
26/09/2047 00:00:00	♀	18°29'16" ♋	12°20'06"	-03°05'47"	00°45'53"	0.540
26/09/2047 00:00:00	♂	03°36'07" ♌	11°20'36"	01°14'38"	00°37'39"	2.456
26/09/2047 00:00:00	♃	25°28'09" ♌	17°55'52"	-01°13'43"	-00°02'18"	4.311
26/09/2047 00:00:00	♃	28°27'55" ♌	-22°34'53"	00°50'35"	00°02'20"	10.073
26/09/2047 00:00:00	♃	08°24'55" ♌	09°05'24"	00°43'49"	00°03'30"	19.213
26/09/2047 00:00:00	♃	21°21'14" ♌	16°21'59"	-01°47'25"	-00°00'59"	29.142
26/09/2047 00:00:00	♃	05°03'58" ♌	-21°15'39"	-12°31'24"	-00°01'06"	40.036
26/09/2047 00:00:00	♋	12°21'14" ♌	-22°51'35"	00°00'00"	-00°00'16"	0.003
26/09/2047 00:00:00	♋	26°19'12" ♈	-10°15'18"	-00°06'23"	00°08'11"	9.509
26/09/2047 00:00:00	♋	15°43'38" ♌	20°37'51"	04°16'27"	00°06'42"	0.003
26/09/2047 00:00:00	T♋	12°21'14" ♌	-22°51'35"	00°00'00"	-00°00'16"	0.003
26/09/2047 00:00:00	T♋	17°41'59" ♌	11°34'49"	05°01'14"	-00°12'53"	0.003
26/09/2047 00:00:00	X	00°35'29" ♌	05°54'28"	-06°08'59"	-00°00'31"	92.318
26/09/2047 00:00:00	Y	16°59'24" ♌	11°40'22"	-11°10'27"	-00°00'05"	78.207
27/09/2047 00:00:00	♁	03°49'50" ♈	-01°31'20"	00°00'00"	00°58'49"	1.003
27/09/2047 00:00:00	♁	11°29'41" ♌	-23°00'43"	-00°04'32"	13°33'22"	0.003
27/09/2047 00:00:00	♀	28°53'53" ♈	-14°15'43"	-03°24'21"	00°34'16"	0.861
27/09/2047 00:00:00	♀	19°15'36" ♋	12°13'39"	-02°57'40"	00°46'46"	0.547

Ephemerides year 2047

27/09/2047 00:00:00	♂	04°13'46" ♉	11°07'05"	01°14'49"	00°37'37"	2.451
27/09/2047 00:00:00	♃	25°25'45" ♈	17°55'10"	-01°13'50"	-00°02'30"	4.299
27/09/2047 00:00:00	♅	28°30'18" ♊	-22°35'04"	00°50'26"	00°02'25"	10.089
27/09/2047 00:00:00	♁	08°28'25" ♋	09°04'06"	00°43'51"	00°03'29"	19.205
27/09/2047 00:00:00	♃	21°20'14" ♈	16°21'41"	-01°47'28"	-00°01'00"	29.129
27/09/2047 00:00:00	♁	05°02'53" ♋	-21°15'58"	-12°31'17"	-00°01'05"	40.044
27/09/2047 00:00:00	♁	12°21'14" ♋	-22°51'35"	00°00'00"	00°00'01"	0.003
27/09/2047 00:00:00	♃	26°27'24" ♈	-10°18'00"	-00°06'05"	00°08'13"	9.515
27/09/2047 00:00:00	♁	15°50'20" ♋	20°39'21"	04°15'57"	00°06'42"	0.003
27/09/2047 00:00:00	♁♁	12°21'14" ♋	-22°51'35"	00°00'00"	00°00'01"	0.003
27/09/2047 00:00:00	♁♃	18°14'35" ♈	11°47'05"	05°00'56"	01°19'53"	0.003
27/09/2047 00:00:00	X	00°34'57" ♈	05°54'17"	-06°08'59"	-00°00'32"	92.310
27/09/2047 00:00:00	Y	16°59'17" ♉	11°40'14"	-11°10'34"	-00°00'06"	78.191
28/09/2047 00:00:00	♁	04°48'40" ♋	-01°54'40"	00°00'00"	00°58'50"	1.002
28/09/2047 00:00:00	♁	24°54'22" ♋	-20°03'46"	01°05'52"	13°16'20"	0.003
28/09/2047 00:00:00	♁	29°25'52" ♋	-14°31'12"	-03°28'42"	00°29'36"	0.844
28/09/2047 00:00:00	♀	20°02'49" ♋	12°06'40"	-02°49'37"	00°47'38"	0.555
28/09/2047 00:00:00	♂	04°51'23" ♉	10°53'30"	01°15'01"	00°37'36"	2.447
28/09/2047 00:00:00	♃	25°23'09" ♈	17°54'26"	-01°13'58"	-00°02'42"	4.287

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28/09/2047 00:00:00	♃	28°32'46" ♃	-22°35'15"	00°50'16"	00°02'31"	10.106
28/09/2047 00:00:00	♅	08°31'54" ♅	09°02'48"	00°43'52"	00°03'28"	19.198
28/09/2047 00:00:00	♆	21°19'13" ♆	16°21'23"	-01°47'31"	-00°01'02"	29.117
28/09/2047 00:00:00	♁	05°01'48" ♁	-21°16'16"	-12°31'10"	-00°01'04"	40.053
28/09/2047 00:00:00	♄	12°20'52" ♄	-22°51'37"	00°00'00"	-00°00'58"	0.003
28/09/2047 00:00:00	♁	26°35'38" ♁	-10°20'42"	-00°05'46"	00°08'14"	9.522
28/09/2047 00:00:00	♁	15°57'02" ♁	20°40'52"	04°15'28"	00°06'41"	0.003
28/09/2047 00:00:00	T♄	12°20'52" ♄	-22°51'37"	00°00'00"	-00°00'58"	0.003
28/09/2047 00:00:00	T♁	20°21'34" ♁	12°34'10"	04°59'19"	02°52'13"	0.003
28/09/2047 00:00:00	X	00°34'25" ♆	05°54'06"	-06°08'59"	-00°00'32"	92.302
28/09/2047 00:00:00	Y	16°59'11" ♃	11°40'06"	-11°10'42"	-00°00'07"	78.174
29/09/2047 00:00:00	♁	05°47'32" ♁	-02°18'00"	00°00'00"	00°58'52"	1.002
29/09/2047 00:00:00	♃	08°03'07" ♃	-16°08'04"	02°11'19"	13°01'31"	0.003
29/09/2047 00:00:00	♁	29°52'59" ♁	-14°44'20"	-03°32'23"	00°24'34"	0.827
29/09/2047 00:00:00	♁	20°50'52" ♁	11°59'12"	-02°41'39"	00°48'28"	0.562
29/09/2047 00:00:00	♅	05°28'58" ♅	10°39'52"	01°15'12"	00°37'34"	2.442
29/09/2047 00:00:00	♄	25°20'20" ♄	17°53'39"	-01°14'05"	-00°02'53"	4.276
29/09/2047 00:00:00	♃	28°35'20" ♃	-22°35'26"	00°50'07"	00°02'36"	10.122
29/09/2047 00:00:00	♅	08°35'22" ♅	09°01'32"	00°43'53"	00°03'27"	19.190

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29/09/2047 00:00:00	♁	21°18'10"	♄	16°21'04"	-01°47'33"	-00°01'03"	29.105
29/09/2047 00:00:00	♁	05°00'44"	♄	-21°16'34"	-12°31'03"	-00°01'03"	40.063
29/09/2047 00:00:00	♁	12°18'56"	♄	-22°51'48"	00°00'00"	-00°03'03"	0.003
29/09/2047 00:00:00	♁	26°43'54"	♁	-10°23'24"	-00°05'28"	00°08'16"	9.528
29/09/2047 00:00:00	♁	16°03'44"	♄	20°42'21"	04°14'58"	00°06'41"	0.003
29/09/2047 00:00:00	T♁	12°18'56"	♄	-22°51'48"	00°00'00"	-00°03'03"	0.003
29/09/2047 00:00:00	T♁	23°52'37"	♄	13°50'21"	04°55'41"	04°05'29"	0.003
29/09/2047 00:00:00	X	00°33'52"	♄	05°53'56"	-06°08'59"	-00°00'32"	92.295
29/09/2047 00:00:00	Y	16°59'03"	♄	11°39'57"	-11°10'50"	-00°00'08"	78.158
30/09/2047 00:00:00	♁	06°46'25"	♁	-02°41'18"	00°00'00"	00°58'54"	1.002
30/09/2047 00:00:00	♁	20°58'05"	♁	-11°31'15"	03°08'42"	12°48'44"	0.003
30/09/2047 00:00:00	♁	00°14'52"	♁	-14°54'52"	-03°35'21"	00°19'07"	0.811
30/09/2047 00:00:00	♁	21°39'45"	♁	11°51'12"	-02°33'45"	00°49'16"	0.570
30/09/2047 00:00:00	♁	06°06'32"	♁	10°26'10"	01°15'23"	00°37'33"	2.438
30/09/2047 00:00:00	♁	25°17'21"	♄	17°52'50"	-01°14'12"	-00°03'05"	4.264
30/09/2047 00:00:00	♁	28°37'59"	♁	-22°35'37"	00°49'58"	00°02'41"	10.139
30/09/2047 00:00:00	♁	08°38'49"	♁	09°00'15"	00°43'54"	00°03'25"	19.181
30/09/2047 00:00:00	♁	21°17'05"	♄	16°20'45"	-01°47'36"	-00°01'05"	29.093
30/09/2047 00:00:00	♁	04°59'40"	♄	-21°16'51"	-12°30'56"	-00°01'02"	40.072

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30/09/2047 00:00:00	♏	12°14'30"	♌	-22°52'12"	00°00'00"	-00°05'52"	0.003
30/09/2047 00:00:00	♋	26°52'11"	♈	-10°26'06"	-00°05'10"	00°08'17"	9.534
30/09/2047 00:00:00	♌	16°10'26"	♍	20°43'51"	04°14'28"	00°06'41"	0.003
30/09/2047 00:00:00	T♏	12°14'30"	♌	-22°52'12"	00°00'00"	-00°05'52"	0.003
30/09/2047 00:00:00	T♌	28°22'16"	♈	15°23'36"	04°49'22"	04°48'05"	0.003
30/09/2047 00:00:00	X	00°33'19"	♍	05°53'45"	-06°08'58"	-00°00'33"	92.288
30/09/2047 00:00:00	Y	16°58'54"	♈	11°39'49"	-11°10'58"	-00°00'08"	78.142
01/10/2047 00:00:00	♍	07°45'21"	♈	-03°04'34"	00°00'00"	00°58'56"	1.001
01/10/2047 00:00:00	♎	03°41'09"	♈	-06°29'24"	03°55'39"	12°37'36"	0.003
01/10/2047 00:00:00	♏	00°31'05"	♎	-15°02'36"	-03°37'28"	00°13'14"	0.795
01/10/2047 00:00:00	♎	22°29'25"	♏	11°42'42"	-02°25'57"	00°50'03"	0.577
01/10/2047 00:00:00	♏	06°44'05"	♎	10°12'26"	01°15'34"	00°37'32"	2.433
01/10/2047 00:00:00	♌	25°14'09"	♍	17°51'58"	-01°14'19"	-00°03'17"	4.253
01/10/2047 00:00:00	♎	28°40'43"	♏	-22°35'48"	00°49'49"	00°02'47"	10.155
01/10/2047 00:00:00	♏	08°42'14"	♎	08°59'00"	00°43'55"	00°03'24"	19.173
01/10/2047 00:00:00	♏	21°15'59"	♍	16°20'25"	-01°47'38"	-00°01'07"	29.082
01/10/2047 00:00:00	♌	04°58'38"	♈	-21°17'08"	-12°30'48"	-00°01'02"	40.082
01/10/2047 00:00:00	♏	12°07'06"	♌	-22°52'53"	00°00'00"	-00°08'53"	0.003
01/10/2047 00:00:00	♋	27°00'30"	♈	-10°28'49"	-00°04'52"	00°08'19"	9.540

Ephemerides year 2047

01/10/2047 00:00:00	☾	16°17'07" ♂	20°45'20"	04°13'57"	00°06'41"	0.003
01/10/2047 00:00:00	♄	12°07'06" ♀	-22°52'53"	00°00'00"	-00°08'53"	0.003
01/10/2047 00:00:00	♄	03°16'51" ♂	16°59'33"	04°40'21"	04°55'06"	0.003
01/10/2047 00:00:00	X	00°32'46" ♂	05°53'34"	-06°08'58"	-00°00'33"	92.281
01/10/2047 00:00:00	Y	16°58'45" ♀	11°39'40"	-11°11'05"	-00°00'09"	78.126
02/10/2047 00:00:00	☉	08°44'18" ♀	-03°27'48"	00°00'00"	00°58'58"	1.001
02/10/2047 00:00:00	☾	16°13'41" ♀	-01°16'37"	04°30'23"	12°27'36"	0.003
02/10/2047 00:00:00	♁	00°41'13" ♀	-15°07'18"	-03°38'40"	00°06'56"	0.779
02/10/2047 00:00:00	♀	23°19'51" ♀	11°33'42"	-02°18'13"	00°50'48"	0.585
02/10/2047 00:00:00	♂	07°21'37" ♀	09°58'39"	01°15'44"	00°37'30"	2.428
02/10/2047 00:00:00	♃	25°10'47" ♂	17°51'03"	-01°14'25"	-00°03'28"	4.242
02/10/2047 00:00:00	♅	28°43'33" ♀	-22°35'59"	00°49'40"	00°02'52"	10.171
02/10/2047 00:00:00	♁	08°45'37" ♀	08°57'44"	00°43'57"	00°03'22"	19.164
02/10/2047 00:00:00	♁	21°14'51" ♂	16°20'05"	-01°47'41"	-00°01'08"	29.070
02/10/2047 00:00:00	♁	04°57'36" ♀	-21°17'24"	-12°30'40"	-00°01'01"	40.092
02/10/2047 00:00:00	♁	11°56'50" ♀	-22°53'48"	00°00'00"	-00°11'34"	0.003
02/10/2047 00:00:00	♁	27°08'50" ♀	-10°31'33"	-00°04'34"	00°08'20"	9.546
02/10/2047 00:00:00	☾	16°23'49" ♂	20°46'49"	04°13'27"	00°06'41"	0.003
02/10/2047 00:00:00	♄	11°56'50" ♀	-22°53'48"	00°00'00"	-00°11'34"	0.003

Ephemerides year 2047

02/10/2047 00:00:00	T♄	08°01'15" ♂	18°25'34"	04°29'35"	04°28'46"	0.003
02/10/2047 00:00:00	X	00°32'12" ♂r	05°53'23"	-06°08'57"	-00°00'33"	92.274
02/10/2047 00:00:00	Y	16°58'35" ♀r	11°39'32"	-11°11'13"	-00°00'10"	78.110
03/10/2047 00:00:00	☉	09°43'17" ♌	-03°51'00"	00°00'00"	00°58'59"	1.001
03/10/2047 00:00:00	☾	28°36'38" ♋	03°54'34"	04°51'48"	12°18'23"	0.003
03/10/2047 00:00:00	♀	00°44'50" ♍	-15°08'44"	-03°38'49"	00°00'13"	0.763
03/10/2047 00:00:00	♀	24°11'01" ♋	11°24'11"	-02°10'34"	00°51'32"	0.592
03/10/2047 00:00:00	♂	07°59'07" ♍	09°44'49"	01°15'55"	00°37'29"	2.423
03/10/2047 00:00:00	♃	25°07'13" ♂r	17°50'06"	-01°14'32"	-00°03'39"	4.231
03/10/2047 00:00:00	♅	28°46'28" ♌	-22°36'10"	00°49'30"	00°02'57"	10.188
03/10/2047 00:00:00	♁	08°49'00" ♍	08°56'30"	00°43'58"	00°03'21"	19.156
03/10/2047 00:00:00	♆	21°13'42" ♂r	16°19'45"	-01°47'43"	-00°01'09"	29.059
03/10/2047 00:00:00	♁	04°56'35" ♋r	-21°17'39"	-12°30'32"	-00°01'00"	40.102
03/10/2047 00:00:00	♁	11°44'14" ♌r	-22°54'55"	00°00'00"	-00°13'27"	0.003
03/10/2047 00:00:00	♁	27°17'12" ♌	-10°34'16"	-00°04'16"	00°08'22"	9.551
03/10/2047 00:00:00	♁	16°30'31" ♂	20°48'17"	04°12'57"	00°06'41"	0.003
03/10/2047 00:00:00	T♁	11°44'14" ♌r	-22°54'55"	00°00'00"	-00°13'27"	0.003
03/10/2047 00:00:00	T♄	12°06'41" ♂	19°33'57"	04°18'38"	03°39'31"	0.003
03/10/2047 00:00:00	X	00°31'39" ♂r	05°53'12"	-06°08'56"	-00°00'33"	92.268

Ephemerides year 2047

03/10/2047 00:00:00	Y	16°58'24" ♀	11°39'23"	-11°11'21"	-00°00'11"	78.094
04/10/2047 00:00:00	☉	10°42'18" ♄	-04°14'10"	00°00'00"	00°59'02"	1.001
04/10/2047 00:00:00	☾	10°50'41" ♀	08°52'46"	04°59'26"	12°09'48"	0.003
04/10/2047 00:00:00	♀	00°41'31" ♃	-15°06'37"	-03°37'49"	-00°06'54"	0.748
04/10/2047 00:00:00	♀	25°02'55" ♃	11°14'10"	-02°03'00"	00°52'14"	0.600
04/10/2047 00:00:00	♂	08°36'36" ♃	09°30'56"	01°16'05"	00°37'28"	2.418
04/10/2047 00:00:00	♃	25°03'27" ♃	17°49'06"	-01°14'38"	-00°03'50"	4.221
04/10/2047 00:00:00	♃	28°49'29" ♃	-22°36'21"	00°49'21"	00°03'02"	10.204
04/10/2047 00:00:00	♃	08°52'20" ♃	08°55'16"	00°43'59"	00°03'20"	19.146
04/10/2047 00:00:00	♃	21°12'31" ♃	16°19'25"	-01°47'45"	-00°01'11"	29.048
04/10/2047 00:00:00	♃	04°55'35" ♃	-21°17'54"	-12°30'24"	-00°00'59"	40.113
04/10/2047 00:00:00	♃	11°30'16" ♃	-22°56'08"	00°00'00"	-00°14'16"	0.003
04/10/2047 00:00:00	♃	27°25'35" ♄	-10°37'00"	-00°03'58"	00°08'23"	9.557
04/10/2047 00:00:00	♃	16°37'13" ♃	20°49'45"	04°12'26"	00°06'41"	0.003
04/10/2047 00:00:00	T♃	11°30'16" ♃	-22°56'08"	00°00'00"	-00°14'16"	0.003
04/10/2047 00:00:00	T♃	15°18'10" ♃	20°23'13"	04°09'02"	02°43'51"	0.003
04/10/2047 00:00:00	X	00°31'05" ♃	05°53'01"	-06°08'56"	-00°00'34"	92.262
04/10/2047 00:00:00	Y	16°58'12" ♀	11°39'15"	-11°11'28"	-00°00'11"	78.078
05/10/2047 00:00:00	☉	11°41'21" ♄	-04°37'16"	00°00'00"	00°59'04"	1.000

Ephemerides year 2047

05/10/2047 00:00:00	♃	22°56'30" ♃	13°27'15"	04°53'24"	12°02'00"	0.003
05/10/2047 00:00:00	♆	00°30'53" ♃	-15°00'42"	-03°35'31"	-00°14'23"	0.734
05/10/2047 00:00:00	♀	25°55'30" ♃	11°03'40"	-01°55'32"	00°52'55"	0.607
05/10/2047 00:00:00	♂	09°14'04" ♃	09°17'00"	01°16'16"	00°37'27"	2.413
05/10/2047 00:00:00	♃	24°59'31" ♃	17°48'03"	-01°14'44"	-00°04'01"	4.210
05/10/2047 00:00:00	♃	28°52'34" ♃	-22°36'31"	00°49'12"	00°03'08"	10.220
05/10/2047 00:00:00	♃	08°55'40" ♃	08°54'02"	00°44'00"	00°03'18"	19.137
05/10/2047 00:00:00	♃	21°11'19" ♃	16°19'04"	-01°47'48"	-00°01'12"	29.037
05/10/2047 00:00:00	♃	04°54'36" ♃	-21°18'08"	-12°30'15"	-00°00'58"	40.124
05/10/2047 00:00:00	♃	11°16'06" ♃	-22°57'21"	00°00'00"	-00°13'52"	0.003
05/10/2047 00:00:00	♃	27°33'59" ♃	-10°39'45"	-00°03'41"	00°08'24"	9.562
05/10/2047 00:00:00	♃	16°43'54" ♃	20°51'12"	04°11'56"	00°06'41"	0.003
05/10/2047 00:00:00	♃	11°16'06" ♃	-22°57'21"	00°00'00"	-00°13'52"	0.003
05/10/2047 00:00:00	♃	17°37'44" ♃	20°56'43"	04°01'27"	01°57'53"	0.003
05/10/2047 00:00:00	X	00°30'30" ♃	05°52'50"	-06°08'55"	-00°00'34"	92.256
05/10/2047 00:00:00	Y	16°58'00" ♃	11°39'06"	-11°11'36"	-00°00'12"	78.063
06/10/2047 00:00:00	♃	12°40'26" ♃	-05°00'19"	00°00'00"	00°59'06"	1.000
06/10/2047 00:00:00	♃	04°55'04" ♃	17°27'42"	04°34'23"	11°55'22"	0.003
06/10/2047 00:00:00	♆	00°12'38" ♃	-14°50'46"	-03°31'48"	-00°22'10"	0.720

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06/10/2047 00:00:00	♀	26°48'45" ♈	10°52'39"	-01°48'10"	00°53'35"	0.615
06/10/2047 00:00:00	♂	09°51'30" ♉	09°03'01"	01°16'26"	00°37'25"	2.408
06/10/2047 00:00:00	♃	24°55'24" ♈	17°46'58"	-01°14'50"	-00°04'12"	4.200
06/10/2047 00:00:00	♅	28°55'45" ♉	-22°36'42"	00°49'03"	00°03'13"	10.236
06/10/2047 00:00:00	♁	08°58'58" ♉	08°52'49"	00°44'02"	00°03'17"	19.127
06/10/2047 00:00:00	♃	21°10'05" ♈	16°18'42"	-01°47'50"	-00°01'14"	29.027
06/10/2047 00:00:00	♅	04°53'38" ♉	-21°18'22"	-12°30'06"	-00°00'57"	40.135
06/10/2047 00:00:00	♁	11°02'54" ♈	-22°58'27"	00°00'00"	-00°12'20"	0.002
06/10/2047 00:00:00	♃	27°42'24" ♈	-10°42'29"	-00°03'23"	00°08'26"	9.566
06/10/2047 00:00:00	♁	16°50'36" ♈	20°52'40"	04°11'25"	00°06'41"	0.003
06/10/2047 00:00:00	T♁	11°02'54" ♈	-22°58'27"	00°00'00"	-00°12'20"	0.002
06/10/2047 00:00:00	T♃	19°20'04" ♈	21°20'00"	03°55'39"	01°29'53"	0.003
06/10/2047 00:00:00	X	00°29'56" ♈	05°52'39"	-06°08'54"	-00°00'34"	92.251
06/10/2047 00:00:00	Y	16°57'47" ♉	11°38'57"	-11°11'43"	-00°00'13"	78.047
07/10/2047 00:00:00	♁	13°39'33" ♈	-05°23'18"	00°00'00"	00°59'08"	1.000
07/10/2047 00:00:00	♃	16°47'53" ♈	20°44'19"	04°03'30"	11°50'36"	0.003
07/10/2047 00:00:00	♃	29°46'30" ♉	-14°36'33"	-03°26'32"	-00°30'06"	0.707
07/10/2047 00:00:00	♀	27°42'40" ♈	10°41'09"	-01°40'53"	00°54'13"	0.622
07/10/2047 00:00:00	♂	10°28'56" ♉	08°49'01"	01°16'36"	00°37'24"	2.403

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07/10/2047 00:00:00	♃	24°51'06"	♏	17°45'50"	-01°14'56"	-00°04'23"	4.190
07/10/2047 00:00:00	♅	28°59'01"	♈	-22°36'52"	00°48'54"	00°03'18"	10.252
07/10/2047 00:00:00	♁	09°02'14"	♏	08°51'36"	00°44'03"	00°03'15"	19.118
07/10/2047 00:00:00	♆	21°08'51"	♏	16°18'21"	-01°47'52"	-00°01'15"	29.016
07/10/2047 00:00:00	♁	04°52'41"	♈	-21°18'35"	-12°29'57"	-00°00'56"	40.146
07/10/2047 00:00:00	♁	10°51'41"	♏	-22°59'22"	00°00'00"	-00°09'57"	0.002
07/10/2047 00:00:00	♆	27°50'51"	♈	-10°45'14"	-00°03'05"	00°08'27"	9.571
07/10/2047 00:00:00	♁	16°57'18"	♏	20°54'07"	04°10'54"	00°06'41"	0.003
07/10/2047 00:00:00	♁	10°51'41"	♏	-22°59'22"	00°00'00"	-00°09'57"	0.002
07/10/2047 00:00:00	♁	20°42'52"	♏	21°38'08"	03°50'55"	01°17'40"	0.003
07/10/2047 00:00:00	X	00°29'21"	♏	05°52'28"	-06°08'53"	-00°00'34"	92.246
07/10/2047 00:00:00	Y	16°57'33"	♈	11°38'49"	-11°11'50"	-00°00'14"	78.032
08/10/2047 00:00:00	♁	14°38'43"	♈	-05°46'14"	00°00'00"	00°59'10"	0.999
08/10/2047 00:00:00	♁	28°37'09"	♏	23°07'57"	03°22'11"	11°48'27"	0.003
08/10/2047 00:00:00	♆	29°12'25"	♈	-14°17'55"	-03°19'37"	-00°38'03"	0.696
08/10/2047 00:00:00	♁	28°37'12"	♁	10°29'09"	-01°33'42"	00°54'50"	0.630
08/10/2047 00:00:00	♈	11°06'20"	♏	08°34'57"	01°16'46"	00°37'23"	2.398
08/10/2047 00:00:00	♃	24°46'37"	♏	17°44'40"	-01°15'01"	-00°04'34"	4.180
08/10/2047 00:00:00	♅	29°02'22"	♈	-22°37'03"	00°48'45"	00°03'23"	10.268

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08/10/2047 00:00:00	♃	09°05'29" ♎	08°50'24"	00°44'05"	00°03'14"	19.108
08/10/2047 00:00:00	♃	21°07'35" ♏	16°17'59"	-01°47'54"	-00°01'16"	29.006
08/10/2047 00:00:00	♃	04°51'45" ♏	-21°18'47"	-12°29'47"	-00°00'55"	40.157
08/10/2047 00:00:00	♃	10°43'07" ♏	-23°00'03"	00°00'00"	-00°07'07"	0.002
08/10/2047 00:00:00	♃	27°59'19" ♏	-10°47'59"	-00°02'47"	00°08'28"	9.575
08/10/2047 00:00:00	♃	17°04'00" ♏	20°55'33"	04°10'23"	00°06'41"	0.003
08/10/2047 00:00:00	♃	10°43'07" ♏	-23°00'03"	00°00'00"	-00°07'07"	0.002
08/10/2047 00:00:00	♃	21°57'47" ♏	21°54'03"	03°46'41"	01°12'29"	0.003
08/10/2047 00:00:00	X	00°28'46" ♏	05°52'17"	-06°08'52"	-00°00'34"	92.241
08/10/2047 00:00:00	Y	16°57'19" ♏	11°38'40"	-11°11'58"	-00°00'14"	78.016
09/10/2047 00:00:00	♃	15°37'55" ♏	-06°09'05"	00°00'00"	00°59'12"	0.999
09/10/2047 00:00:00	♃	10°25'57" ♏	24°30'53" ♏	02°32'05"	11°49'45"	0.003
09/10/2047 00:00:00	♃	28°30'27" ♏	-13°54'45"	-03°10'55"	-00°45'49"	0.685
09/10/2047 00:00:00	♃	29°32'21" ♏	10°16'41"	-01°26'37"	00°55'26"	0.637
09/10/2047 00:00:00	♃	11°43'43" ♏	08°20'52"	01°16'55"	00°37'22"	2.393
09/10/2047 00:00:00	♃	24°41'57" ♏	17°43'28"	-01°15'06"	-00°04'44"	4.171
09/10/2047 00:00:00	♃	29°05'49" ♏	-22°37'13"	00°48'36"	00°03'28"	10.284
09/10/2047 00:00:00	♃	09°08'42" ♏	08°49'13"	00°44'06"	00°03'12"	19.097
09/10/2047 00:00:00	♃	21°06'17" ♏	16°17'37"	-01°47'56"	-00°01'17"	28.997

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09/10/2047 00:00:00	♁	04°50'50" ♉	-21°18'59"	-12°29'37"	-00°00'54"	40.169
09/10/2047 00:00:00	♁	10°37'27" ♉	-23°00'31"	00°00'00"	-00°04'16"	0.002
09/10/2047 00:00:00	♊	28°07'48" ♉	-10°50'44"	-00°02'29"	00°08'29"	9.579
09/10/2047 00:00:00	♋	17°10'41" ♉	20°56'59"	04°09'52"	00°06'41"	0.003
09/10/2047 00:00:00	♁	10°37'27" ♉	-23°00'31"	00°00'00"	-00°04'16"	0.002
09/10/2047 00:00:00	♋	23°06'57" ♉	22°08'20"	03°42'49"	01°04'43"	0.003
09/10/2047 00:00:00	♁	00°28'11" ♉	05°52'06"	-06°08'51"	-00°00'35"	92.236
09/10/2047 00:00:00	♋	16°57'04" ♉	11°38'32"	-11°12'05"	-00°00'15"	78.001
10/10/2047 00:00:00	♁	16°37'09" ♉	-06°31'51"	00°00'00"	00°59'15"	0.999
10/10/2047 00:00:00	♋	22°18'06" ♉	24°47'28"	01°35'02"	11°55'19"	0.003
10/10/2047 00:00:00	♋	27°40'54" ♉	-13°27'05"	-03°00'23"	-00°53'09"	0.677
10/10/2047 00:00:00	♋	00°28'05" ♉	10°03'44"	-01°19'37"	00°56'01"	0.645
10/10/2047 00:00:00	♋	12°21'05" ♉	08°06'44"	01°17'05"	00°37'21"	2.388
10/10/2047 00:00:00	♁	24°37'07" ♉	17°42'13"	-01°15'11"	-00°04'55"	4.161
10/10/2047 00:00:00	♋	29°09'20" ♉	-22°37'23"	00°48'28"	00°03'33"	10.300
10/10/2047 00:00:00	♋	09°11'54" ♉	08°48'02"	00°44'08"	00°03'10"	19.087
10/10/2047 00:00:00	♋	21°04'59" ♉	16°17'14"	-01°47'59"	-00°01'19"	28.987
10/10/2047 00:00:00	♁	04°49'56" ♉	-21°19'10"	-12°29'27"	-00°00'53"	40.181
10/10/2047 00:00:00	♁	10°34'25" ♉	-23°00'45"	00°00'00"	-00°01'53"	0.002

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10/10/2047 00:00:00	♁	28°16'18" ♁	-10°53'29"	-00°02'11"	00°08'30"	9.583
10/10/2047 00:00:00	♁	17°17'23" ♂	20°58'25"	04°09'20"	00°06'41"	0.003
10/10/2047 00:00:00	♁	10°34'25" ♁	-23°00'45"	00°00'00"	-00°01'53"	0.002
10/10/2047 00:00:00	♁	24°03'56" ♂	22°19'46"	03°39'39"	00°47'12"	0.003
10/10/2047 00:00:00	X	00°27'36" ♂	05°51'55"	-06°08'50"	-00°00'35"	92.232
10/10/2047 00:00:00	Y	16°56'48" ♁	11°38'23"	-11°12'12"	-00°00'16"	77.986
11/10/2047 00:00:00	♁	17°36'25" ♁	-06°54'32"	00°00'00"	00°59'17"	0.999
11/10/2047 00:00:00	♁	04°18'13" ♁	23°54'52" ♁	00°33'03"	12°05'46"	0.003
11/10/2047 00:00:00	♁	26°44'23" ♁	-12°55'02"	-02°48'00"	-00°59'45"	0.670
11/10/2047 00:00:00	♁	01°24'23" ♁	09°50'19"	-01°12'44"	00°56'34"	0.652
11/10/2047 00:00:00	♁	12°58'26" ♁	07°52'34"	01°17'14"	00°37'20"	2.382
11/10/2047 00:00:00	♁	24°32'07" ♂	17°40'56"	-01°15'16"	-00°05'05"	4.152
11/10/2047 00:00:00	♁	29°12'56" ♁	-22°37'33"	00°48'19"	00°03'38"	10.316
11/10/2047 00:00:00	♁	09°15'04" ♁	08°46'52"	00°44'09"	00°03'08"	19.076
11/10/2047 00:00:00	♁	21°03'39" ♂	16°16'51"	-01°48'01"	-00°01'20"	28.978
11/10/2047 00:00:00	♁	04°49'03" ♁	-21°19'20"	-12°29'17"	-00°00'52"	40.193
11/10/2047 00:00:00	♁	10°33'23" ♁	-23°00'50"	00°00'00"	-00°00'21"	0.002
11/10/2047 00:00:00	♁	28°24'48" ♁	-10°56'15"	-00°01'54"	00°08'31"	9.587
11/10/2047 00:00:00	♁	17°24'05" ♂	20°59'51"	04°08'49"	00°06'41"	0.003

Ephemerides year 2047

11/10/2047 00:00:00	T♄	10°33'23" ♉	-23°00'50"	00°00'00"	-00°00'21"	0.002
11/10/2047 00:00:00	T♄	24°36'50" ♉	22°26'17"	03°37'53"	00°16'13"	0.003
11/10/2047 00:00:00	X	00°27'01" ♉	05°51'44"	-06°08'49"	-00°00'35"	92.228
11/10/2047 00:00:00	Y	16°56'31" ♉	11°38'14"	-11°12'19"	-00°00'16"	77.971
12/10/2047 00:00:00	♁	18°35'44" ♉	-07°17'08"	00°00'00"	00°59'19"	0.998
12/10/2047 00:00:00	♂	16°31'24" ♉	21°53'22"	-00°31'34"	12°21'30"	0.003
12/10/2047 00:00:00	♀	25°41'45" ♉	-12°18'55"	-02°33'47"	-01°05'18"	0.665
12/10/2047 00:00:00	♀	02°21'14" ♉	09°36'26"	-01°05'56"	00°57'07"	0.660
12/10/2047 00:00:00	♂	13°35'45" ♉	07°38'22"	01°17'24"	00°37'18"	2.377
12/10/2047 00:00:00	♂	24°26'56" ♉	17°39'36"	-01°15'21"	-00°05'15"	4.143
12/10/2047 00:00:00	♂	29°16'38" ♉	-22°37'43"	00°48'10"	00°03'43"	10.332
12/10/2047 00:00:00	♂	09°18'12" ♉	08°45'43"	00°44'11"	00°03'07"	19.065
12/10/2047 00:00:00	♂	21°02'18" ♉	16°16'28"	-01°48'02"	-00°01'21"	28.969
12/10/2047 00:00:00	♂	04°48'12" ♉	-21°19'30"	-12°29'07"	-00°00'51"	40.205
12/10/2047 00:00:00	♁	10°33'20" ♉	-23°00'50"	00°00'00"	00°00'03"	0.002
12/10/2047 00:00:00	♁	28°33'20" ♉	-10°59'01"	-00°01'36"	00°08'32"	9.590
12/10/2047 00:00:00	♁	17°30'47" ♉	21°01'16"	04°08'17"	00°06'41"	0.003
12/10/2047 00:00:00	T♄	10°33'20" ♉	-23°00'50"	00°00'00"	00°00'03"	0.002
12/10/2047 00:00:00	T♄	24°31'52" ♉	22°25'27"	03°38'18"	-00°28'08"	0.003

Ephemerides year 2047

12/10/2047 00:00:00	X	00°26'25" ♃	05°51'33"	-06°08'47"	-00°00'35"	92.224
12/10/2047 00:00:00	Y	16°56'14" ♃	11°38'06"	-11°12'26"	-00°00'17"	77.957
13/10/2047 00:00:00	☉	19°35'05" ♌	-07°39'38"	00°00'00"	00°59'22"	0.998
13/10/2047 00:00:00	☾	29°03'01" ♌	18°46'21"	-01°36'19"	12°42'33"	0.003
13/10/2047 00:00:00	♀	24°34'12" ♌	-11°39'15"	-02°17'50"	-01°09'30"	0.662
13/10/2047 00:00:00	♀	03°18'37" ♌	09°22'05"	-00°59'15"	00°57'38"	0.667
13/10/2047 00:00:00	♂	14°13'04" ♌	07°24'08"	01°17'33"	00°37'17"	2.371
13/10/2047 00:00:00	♃	24°21'36" ♃	17°38'14"	-01°15'25"	-00°05'25"	4.135
13/10/2047 00:00:00	♃	29°20'24" ♃	-22°37'53"	00°48'01"	00°03'48"	10.347
13/10/2047 00:00:00	♌	09°21'18" ♌	08°44'34"	00°44'12"	00°03'05"	19.054
13/10/2047 00:00:00	♌	21°00'55" ♃	16°16'05"	-01°48'04"	-00°01'22"	28.960
13/10/2047 00:00:00	♌	04°47'21" ♃	-21°19'39"	-12°28'56"	-00°00'50"	40.218
13/10/2047 00:00:00	♌	10°33'06" ♃	-23°00'51"	00°00'00"	-00°00'42"	0.002
13/10/2047 00:00:00	♌	28°41'53" ♌	-11°01'46"	-00°01'18"	00°08'32"	9.593
13/10/2047 00:00:00	♌	17°37'29" ♃	21°02'41"	04°07'46"	00°06'41"	0.003
13/10/2047 00:00:00	T♌	10°33'06" ♃	-23°00'51"	00°00'00"	-00°00'42"	0.002
13/10/2047 00:00:00	T♌	23°37'37" ♃	22°14'55"	03°41'31"	-01°21'02"	0.003
13/10/2047 00:00:00	X	00°25'50" ♃	05°51'22"	-06°08'46"	-00°00'35"	92.221
13/10/2047 00:00:00	Y	16°55'56" ♃	11°37'57"	-11°12'33"	-00°00'18"	77.942

Ephemerides year 2047

14/10/2047 00:00:00	☉	20°34'28" ♈	-08°02'01"	00°00'00"	00°59'24"	0.998
14/10/2047 00:00:00	☾	11°58'06" ♏	14°39'55"	-02°38'09"	13°08'19"	0.003
14/10/2047 00:00:00	☿	23°23'17" ♈	-10°56'43"	-02°00'19"	-01°12'02"	0.662
14/10/2047 00:00:00	♀	04°16'31" ♍	09°07'18"	-00°52'40"	00°58'08"	0.675
14/10/2047 00:00:00	♂	14°50'21" ♍	07°09'52"	01°17'42"	00°37'16"	2.366
14/10/2047 00:00:00	♃	24°16'06" ♉	17°36'50"	-01°15'29"	-00°05'35"	4.126
14/10/2047 00:00:00	♄	29°24'15" ♈	-22°38'03"	00°47'53"	00°03'53"	10.363
14/10/2047 00:00:00	♅	09°24'22" ♍	08°43'27"	00°44'14"	00°03'03"	19.043
14/10/2047 00:00:00	♆	20°59'32" ♉	16°15'42"	-01°48'06"	-00°01'24"	28.951
14/10/2047 00:00:00	♇	04°46'32" ♈	-21°19'48"	-12°28'45"	-00°00'49"	40.231
14/10/2047 00:00:00	♁	10°31'34" ♈	-23°00'59"	00°00'00"	-00°02'30"	0.002
14/10/2047 00:00:00	♂	28°50'26" ♈	-11°04'32"	-00°01'00"	00°08'33"	9.596
14/10/2047 00:00:00	♁	17°44'10" ♉	21°04'06"	04°07'14"	00°06'41"	0.003
14/10/2047 00:00:00	♁	10°31'34" ♈	-23°00'59"	00°00'00"	-00°02'30"	0.002
14/10/2047 00:00:00	♁	21°50'23" ♉	21°52'57"	03°47'34"	-02°11'57"	0.003
14/10/2047 00:00:00	X	00°25'14" ♉	05°51'11"	-06°08'45"	-00°00'35"	92.217
14/10/2047 00:00:00	Y	16°55'38" ♈	11°37'49"	-11°12'40"	-00°00'18"	77.928
15/10/2047 00:00:00	☉	21°33'54" ♈	-08°24'18"	-00°00'00"	00°59'26"	0.997
15/10/2047 00:00:00	☾	25°20'48" ♏	09°42'51"	-03°33'32"	13°37'27"	0.003

Ephemerides year 2047

15/10/2047 00:00:00	♀	22°10'46" ♈	-10°12'13"	-01°41'29"	-01°12'40"	0.664
15/10/2047 00:00:00	♀	05°14'55" ♍	08°52'04"	-00°46'12"	00°58'38"	0.682
15/10/2047 00:00:00	♂	15°27'36" ♍	06°55'34"	01°17'51"	00°37'15"	2.360
15/10/2047 00:00:00	♃	24°10'26" ♏	17°35'23"	-01°15'33"	-00°05'44"	4.118
15/10/2047 00:00:00	♃	29°28'11" ♏	-22°38'12"	00°47'44"	00°03'58"	10.378
15/10/2047 00:00:00	♃	09°27'25" ♍	08°42'19"	00°44'16"	00°03'01"	19.031
15/10/2047 00:00:00	♃	20°58'07" ♏	16°15'18"	-01°48'08"	-00°01'25"	28.943
15/10/2047 00:00:00	♃	04°45'43" ♏	-21°19'56"	-12°28'34"	-00°00'47"	40.244
15/10/2047 00:00:00	♁	10°27'52" ♏	-23°01'16"	00°00'00"	-00°04'58"	0.002
15/10/2047 00:00:00	♁	28°59'00" ♈	-11°07'18"	-00°00'43"	00°08'34"	9.598
15/10/2047 00:00:00	♁	17°50'52" ♏	21°05'30"	04°06'42"	00°06'41"	0.003
15/10/2047 00:00:00	♁	10°27'52" ♏	-23°01'16"	00°00'00"	-00°04'58"	0.002
15/10/2047 00:00:00	♁	19°19'05" ♏	21°19'40"	03°55'35"	-02°46'52"	0.003
15/10/2047 00:00:00	X	00°24'38" ♏	05°51'00"	-06°08'43"	-00°00'36"	92.215
15/10/2047 00:00:00	Y	16°55'18" ♏	11°37'41"	-11°12'47"	-00°00'19"	77.913
16/10/2047 00:00:00	♁	22°33'22" ♈	-08°46'28"	-00°00'00"	00°59'28"	0.997
16/10/2047 00:00:00	♃	09°13'23" ♍	04°06'51"	-04°18'29"	14°07'40"	0.002
16/10/2047 00:00:00	♀	20°58'38" ♈	-09°26'47"	-01°21'40"	-01°11'14"	0.669
16/10/2047 00:00:00	♀	06°13'47" ♍	08°36'24"	-00°39'49"	00°59'06"	0.690

Ephemerides year 2047

16/10/2047 00:00:00	♂	16°04'51" ♉	06°41'15"	01°18'00"	00°37'13"	2.355
16/10/2047 00:00:00	♃	24°04'36" ♉	17°33'54"	-01°15'36"	-00°05'54"	4.110
16/10/2047 00:00:00	♅	29°32'11" ♉	-22°38'22"	00°47'36"	00°04'02"	10.393
16/10/2047 00:00:00	♁	09°30'25" ♉	08°41'13"	00°44'17"	00°02'59"	19.019
16/10/2047 00:00:00	♃	20°56'41" ♉	16°14'54"	-01°48'10"	-00°01'26"	28.935
16/10/2047 00:00:00	♁	04°44'56" ♉	-21°20'03"	-12°28'22"	-00°00'46"	40.257
16/10/2047 00:00:00	♁	10°21'33" ♉	-23°01'46"	00°00'00"	-00°07'36"	0.002
16/10/2047 00:00:00	♁	29°07'34" ♉	-11°10'03"	-00°00'25"	00°08'34"	9.601
16/10/2047 00:00:00	♁	17°57'34" ♉	21°06'54"	04°06'10"	00°06'41"	0.003
16/10/2047 00:00:00	♁	10°21'33" ♉	-23°01'46"	00°00'00"	-00°07'36"	0.002
16/10/2047 00:00:00	♁	16°25'34" ♉	20°38'26"	04°04'10"	-02°55'27"	0.003
16/10/2047 00:00:00	X	00°24'02" ♉	05°50'49"	-06°08'42"	-00°00'36"	92.212
16/10/2047 00:00:00	Y	16°54'58" ♉	11°37'32"	-11°12'53"	-00°00'20"	77.899
17/10/2047 00:00:00	♁	23°32'52" ♉	-09°08'31"	-00°00'00"	00°59'31"	0.997
17/10/2047 00:00:00	♁	23°35'27" ♉	-01°52'43"	-04°48'55"	14°35'48"	0.002
17/10/2047 00:00:00	♁	19°48'59" ♉	-08°41'33"	-01°01'13"	-01°07'43"	0.677
17/10/2047 00:00:00	♀	07°13'07" ♉	08°20'19"	-00°33'33"	00°59'33"	0.698
17/10/2047 00:00:00	♂	16°42'04" ♉	06°26'55"	01°18'09"	00°37'12"	2.349
17/10/2047 00:00:00	♃	23°58'38" ♉	17°32'23"	-01°15'40"	-00°06'03"	4.103

Ephemerides year 2047

17/10/2047 00:00:00	♃	29°36'17" ♃	-22°38'31"	00°47'27"	00°04'07"	10.409
17/10/2047 00:00:00	♅	09°33'24" ♅	08°40'07"	00°44'19"	00°02'57"	19.008
17/10/2047 00:00:00	♆	20°55'14" ♆	16°14'30"	-01°48'11"	-00°01'27"	28.927
17/10/2047 00:00:00	♁	04°44'10" ♁	-21°20'10"	-12°28'11"	-00°00'45"	40.270
17/10/2047 00:00:00	♄	10°12'47" ♄	-23°02'26"	00°00'00"	-00°09'48"	0.002
17/10/2047 00:00:00	♁	29°16'09" ♁	-11°12'49"	-00°00'07"	00°08'35"	9.603
17/10/2047 00:00:00	♁	18°04'15" ♁	21°08'17"	04°05'38"	00°06'41"	0.003
17/10/2047 00:00:00	♄	10°12'47" ♄	-23°02'26"	00°00'00"	-00°09'48"	0.002
17/10/2047 00:00:00	♁	13°36'33" ♁	19°55'16"	04°11'52"	-02°39'22"	0.003
17/10/2047 00:00:00	X	00°23'25" ♄	05°50'38"	-06°08'40"	-00°00'36"	92.210
17/10/2047 00:00:00	Y	16°54'37" ♃	11°37'24"	-11°13'00"	-00°00'21"	77.885
18/10/2047 00:00:00	♁	24°32'24" ♁	-09°30'26"	-00°00'00"	00°59'33"	0.997
18/10/2047 00:00:00	♁	08°23'05" ♁	-07°56'06"	-05°01'11"	14°58'13"	0.002
18/10/2047 00:00:00	♁	18°43'52" ♁	-07°57'43"	-00°40'32"	-01°02'11"	0.687
18/10/2047 00:00:00	♅	08°12'54" ♅	08°03'48"	-00°27'24"	00°59'59"	0.705
18/10/2047 00:00:00	♅	17°19'15" ♅	06°12'33"	01°18'17"	00°37'10"	2.343
18/10/2047 00:00:00	♄	23°52'30" ♄	17°30'50"	-01°15'43"	-00°06'11"	4.095
18/10/2047 00:00:00	♃	29°40'27" ♃	-22°38'40"	00°47'19"	00°04'12"	10.424
18/10/2047 00:00:00	♅	09°36'20" ♅	08°39'02"	00°44'21"	00°02'55"	18.995

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18/10/2047 00:00:00	♁	20°53'46" ♉	16°14'05"	-01°48'13"	-00°01'28"	28.920
18/10/2047 00:00:00	♁	04°43'25" ♉	-21°20'16"	-12°27'59"	-00°00'44"	40.284
18/10/2047 00:00:00	♁	10°02'17" ♉	-23°03'14"	00°00'00"	-00°11'01"	0.002
18/10/2047 00:00:00	♁	29°24'44" ♉	-11°15'35"	00°00'09"	00°08'35"	9.605
18/10/2047 00:00:00	♁	18°10'57" ♉	21°09'40"	04°05'06"	00°06'41"	0.003
18/10/2047 00:00:00	♁	10°02'17" ♉	-23°03'14"	00°00'00"	-00°11'01"	0.002
18/10/2047 00:00:00	♁	11°10'29" ♉	19°15'45"	04°18'04"	-02°12'25"	0.003
18/10/2047 00:00:00	♁	00°22'49" ♉	05°50'27"	-06°08'38"	-00°00'36"	92.208
18/10/2047 00:00:00	♁	16°54'16" ♉	11°37'15"	-11°13'07"	-00°00'21"	77.872
19/10/2047 00:00:00	♁	25°31'58" ♉	-09°52'12"	-00°00'00"	00°59'35"	0.996
19/10/2047 00:00:00	♁	23°28'52" ♉	-13°38'58"	-04°52'58"	15°11'40"	0.002
19/10/2047 00:00:00	♁	17°45'13" ♉	-07°16'25"	-00°20'02"	-00°54'50"	0.700
19/10/2047 00:00:00	♁	09°13'07" ♉	07°46'53"	-00°21'21"	01°00'25"	0.713
19/10/2047 00:00:00	♁	17°56'26" ♉	05°58'09"	01°18'26"	00°37'09"	2.337
19/10/2047 00:00:00	♁	23°46'14" ♉	17°29'15"	-01°15'45"	-00°06'20"	4.088
19/10/2047 00:00:00	♁	29°44'41" ♉	-22°38'49"	00°47'10"	00°04'17"	10.439
19/10/2047 00:00:00	♁	09°39'15" ♉	08°37'58"	00°44'23"	00°02'53"	18.983
19/10/2047 00:00:00	♁	20°52'18" ♉	16°13'40"	-01°48'14"	-00°01'29"	28.912
19/10/2047 00:00:00	♁	04°42'41" ♉	-21°20'21"	-12°27'47"	-00°00'43"	40.298

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19/10/2047 00:00:00	♏	09°51'11"	-23°04'04"	00°00'00"	-00°10'55"	0.002
19/10/2047 00:00:00	♋	29°33'20"	-11°18'20"	00°00'27"	00°08'35"	9.607
19/10/2047 00:00:00	♌	18°17'38"	21°11'03"	04°04'33"	00°06'41"	0.003
19/10/2047 00:00:00	T♏	09°51'11"	-23°04'04"	00°00'00"	-00°10'55"	0.002
19/10/2047 00:00:00	T♌	09°09'33"	18°41'40"	04°23'00"	-01°51'42"	0.003
19/10/2047 00:00:00	X	00°22'12"	05°50'16"	-06°08'37"	-00°00'36"	92.206
19/10/2047 00:00:00	Y	16°53'54"	11°37'07"	-11°13'13"	-00°00'22"	77.858
20/10/2047 00:00:00	♍	26°31'35"	-10°13'50"	-00°00'00"	00°59'37"	0.996
20/10/2047 00:00:00	♎	08°42'46"	-18°33'54"	-04°24'00"	15°14'14"	0.002
20/10/2047 00:00:00	♏	16°54'42"	-06°38'41"	-00°00'06"	-00°45'57"	0.715
20/10/2047 00:00:00	♐	10°13'45"	07°29'34"	-00°15'24"	01°00'50"	0.720
20/10/2047 00:00:00	♑	18°33'35"	05°43'45"	01°18'34"	00°37'08"	2.331
20/10/2047 00:00:00	♒	23°39'49"	17°27'38"	-01°15'48"	-00°06'28"	4.081
20/10/2047 00:00:00	♓	29°49'01"	-22°38'58"	00°47'02"	00°04'21"	10.454
20/10/2047 00:00:00	♈	09°42'07"	08°36'55"	00°44'25"	00°02'51"	18.970
20/10/2047 00:00:00	♉	20°50'48"	16°13'15"	-01°48'16"	-00°01'30"	28.906
20/10/2047 00:00:00	♊	04°41'58"	-21°20'26"	-12°27'35"	-00°00'41"	40.312
20/10/2047 00:00:00	♋	09°40'51"	-23°04'49"	00°00'00"	-00°09'32"	0.002
20/10/2047 00:00:00	♌	29°41'56"	-11°21'05"	00°00'45"	00°08'36"	9.608

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20/10/2047 00:00:00	☾	18°24'20" ♉	21°12'25"	04°04'01"	00°06'41"	0.003
20/10/2047 00:00:00	♁	09°40'51" ♉	-23°04'49"	00°00'00"	-00°09'32"	0.002
20/10/2047 00:00:00	♁	07°21'15" ♉	18°10'16"	04°27'23"	-01°48'05"	0.003
20/10/2047 00:00:00	X	00°21'36" ♉	05°50'05"	-06°08'35"	-00°00'36"	92.205
20/10/2047 00:00:00	Y	16°53'31" ♉	11°36'58"	-11°13'19"	-00°00'22"	77.845
21/10/2047 00:00:00	☉	27°31'14" ♉	-10°35'19"	-00°00'00"	00°59'39"	0.996
21/10/2047 00:00:00	☾	23°53'45" ♉	-22°14'04"	-03°36'25"	15°06'01"	0.002
21/10/2047 00:00:00	♀	16°13'42" ♉	-06°05'23"	00°18'55"	-00°35'54"	0.733
21/10/2047 00:00:00	♀	11°14'47" ♉	07°11'52"	-00°09'35"	01°01'13"	0.728
21/10/2047 00:00:00	♂	19°10'42" ♉	05°29'19"	01°18'42"	00°37'06"	2.325
21/10/2047 00:00:00	♂	23°33'17" ♉	17°25'59"	-01°15'50"	-00°06'36"	4.075
21/10/2047 00:00:00	♃	29°53'25" ♉	-22°39'06"	00°46'54"	00°04'26"	10.468
21/10/2047 00:00:00	♃	09°44'57" ♉	08°35'52"	00°44'26"	00°02'49"	18.958
21/10/2047 00:00:00	♃	20°49'17" ♉	16°12'50"	-01°48'17"	-00°01'31"	28.899
21/10/2047 00:00:00	♃	04°41'17" ♉	-21°20'30"	-12°27'22"	-00°00'40"	40.326
21/10/2047 00:00:00	♁	09°32'26" ♉	-23°05'26"	00°00'00"	-00°07'10"	0.002
21/10/2047 00:00:00	♃	29°50'32" ♉	-11°23'51"	00°01'02"	00°08'36"	9.609
21/10/2047 00:00:00	☾	18°31'02" ♉	21°13'47"	04°03'28"	00°06'41"	0.003
21/10/2047 00:00:00	♁	09°32'26" ♉	-23°05'26"	00°00'00"	-00°07'10"	0.002

Ephemerides year 2047

21/10/2047 00:00:00	T♄	05°27'35" ♂	17°36'32"	04°32'02"	-02°01'24"	0.003
21/10/2047 00:00:00	X	00°21'00" ♂	05°49'55"	-06°08'33"	-00°00'36"	92.204
21/10/2047 00:00:00	Y	16°53'08" ♀	11°36'50"	-11°13'26"	-00°00'23"	77.832
22/10/2047 00:00:00	☉	28°30'54" ♀	-10°56'38"	00°00'00"	00°59'41"	0.996
22/10/2047 00:00:00	☾	08°51'53" ♂	-24°18'55"	0°02'34" ♀	14°48'59"	0.002
22/10/2047 00:00:00	♁	15°43'09" ♀	-05°37'11"	00°36'44"	-00°25'04"	0.753
22/10/2047 00:00:00	♂	12°16'12" ♀	06°53'47"	-00°03'51"	01°01'37"	0.735
22/10/2047 00:00:00	♂	19°47'48" ♀	05°14'53"	01°18'50"	00°37'05"	2.319
22/10/2047 00:00:00	♃	23°26'36" ♂	17°24'18"	-01°15'51"	-00°06'44"	4.068
22/10/2047 00:00:00	♄	29°57'53" ♂	-22°39'14"	00°46'46"	00°04'30"	10.483
22/10/2047 00:00:00	♅	09°47'46" ♀	08°34'51"	00°44'28"	00°02'47"	18.945
22/10/2047 00:00:00	♆	20°47'45" ♂	16°12'25"	-01°48'19"	-00°01'31"	28.892
22/10/2047 00:00:00	♇	04°40'38" ♀	-21°20'33"	-12°27'10"	-00°00'39"	40.340
22/10/2047 00:00:00	♈	09°26'39" ♀	-23°05'50"	00°00'00"	-00°04'23"	0.002
22/10/2047 00:00:00	♉	29°59'09" ♀	-11°26'36"	00°01'20"	00°08'36"	9.610
22/10/2047 00:00:00	♊	18°37'43" ♂	21°15'09"	04°02'55"	00°06'41"	0.003
22/10/2047 00:00:00	T♈	09°26'39" ♀	-23°05'50"	00°00'00"	-00°04'23"	0.002
22/10/2047 00:00:00	T♄	03°16'41" ♂	16°56'33"	04°37'14"	-02°19'44"	0.003
22/10/2047 00:00:00	X	00°20'23" ♂	05°49'44"	-06°08'31"	-00°00'36"	92.203

Ephemerides year 2047

22/10/2047 00:00:00	Y	16°52'44" ♀	11°36'42"	-11°13'32"	-00°00'24"	77.819
23/10/2047 00:00:00	☉	29°30'36" ♄	-11°17'48"	00°00'00"	00°59'43"	0.995
23/10/2047 00:00:00	☾	23°29'49" ♀	-24°39'40"	0-01°23'20"	14°26'13"	0.002
23/10/2047 00:00:00	♀	15°23'42" ♄	-05°14'33"	00°53'09"	-00°13'48"	0.775
23/10/2047 00:00:00	♀	13°18'00" ♃	06°35'19"	00°01'44"	01°01'59"	0.743
23/10/2047 00:00:00	♂	20°24'53" ♃	05°00'25"	01°18'58"	00°37'03"	2.313
23/10/2047 00:00:00	♃	23°19'48" ♄	17°22'35"	-01°15'53"	-00°06'51"	4.062
23/10/2047 00:00:00	♅	00°02'26" ♄	-22°39'22"	00°46'38"	00°04'35"	10.498
23/10/2047 00:00:00	♁	09°50'32" ♃	08°33'50"	00°44'30"	00°02'44"	18.932
23/10/2047 00:00:00	♃	20°46'13" ♄	16°11'59"	-01°48'20"	-00°01'32"	28.886
23/10/2047 00:00:00	♁	04°39'59" ♃	-21°20'36"	-12°26'57"	-00°00'37"	40.354
23/10/2047 00:00:00	♁	09°23'34" ♄	-23°06'03"	00°00'00"	-00°01'51"	0.002
23/10/2047 00:00:00	♃	00°07'46" ♃	-11°29'21"	00°01'38"	00°08'37"	9.611
23/10/2047 00:00:00	♀	18°44'25" ♄	21°16'30"	04°02'23"	00°06'41"	0.003
23/10/2047 00:00:00	T♁	09°23'34" ♄	-23°06'03"	00°00'00"	-00°01'51"	0.002
23/10/2047 00:00:00	T♃	00°52'48" ♄	16°11'09"	04°42'34"	-02°24'06"	0.003
23/10/2047 00:00:00	X	00°19'47" ♄	05°49'33"	-06°08'29"	-00°00'36"	92.202
23/10/2047 00:00:00	Y	16°52'20" ♀	11°36'33"	-11°13'38"	-00°00'24"	77.806
24/10/2047 00:00:00	☉	00°30'20" ♃	-11°38'47"	00°00'00"	00°59'44"	0.995

Ephemerides year 2047

24/10/2047 00:00:00	♃	07°43'33" ♁	-23°21'16"	-00°08'47"	14°01'03"	0.002
24/10/2047 00:00:00	♆	15°15'33" ♁	-04°57'42"	01°08'00"	-00°02'29"	0.799
24/10/2047 00:00:00	♀	14°20'11" ♃	06°16'29"	00°07'13"	01°02'21"	0.750
24/10/2047 00:00:00	♂	21°01'56" ♃	04°45'57"	01°19'06"	00°37'02"	2.307
24/10/2047 00:00:00	♂	23°12'53" ♃	17°20'51"	-01°15'54"	-00°06'58"	4.057
24/10/2047 00:00:00	♃	00°07'03" ♁	-22°39'30"	00°46'30"	00°04'39"	10.512
24/10/2047 00:00:00	♃	09°53'15" ♃	08°32'50"	00°44'32"	00°02'42"	18.918
24/10/2047 00:00:00	♃	20°44'40" ♃	16°11'34"	-01°48'21"	-00°01'33"	28.881
24/10/2047 00:00:00	♁	04°39'22" ♃	-21°20'38"	-12°26'44"	-00°00'36"	40.369
24/10/2047 00:00:00	♁	09°22'39" ♁	-23°06'07"	00°00'00"	-00°00'07"	0.002
24/10/2047 00:00:00	♃	00°16'20" ♃	-11°32'04"	00°01'56"	00°08'42"	9.611
24/10/2047 00:00:00	♁	18°51'07" ♃	21°17'51"	04°01'50"	00°06'41"	0.003
24/10/2047 00:00:00	♁	09°22'39" ♁	-23°06'07"	00°00'00"	-00°00'07"	0.002
24/10/2047 00:00:00	♁	28°38'23" ♃	15°27'20"	04°47'08"	-01°59'15"	0.003
24/10/2047 00:00:00	X	00°19'10" ♃	05°49'23"	-06°08'27"	-00°00'36"	92.202
24/10/2047 00:00:00	Y	16°51'55" ♃	11°36'25"	-11°13'44"	-00°00'25"	77.793
25/10/2047 00:00:00	♃	01°30'06" ♃	-11°59'36"	00°00'00"	00°59'46"	0.995
25/10/2047 00:00:00	♃	21°32'03" ♁	-20°39'13"	01°04'13"	13°36'10"	0.003
25/10/2047 00:00:00	♆	15°18'37" ♁	-04°46'43"	01°21'12"	00°08'35"	0.824

Ephemerides year 2047

25/10/2047 00:00:00	♀	15°22'43" ♍	05°57'19"	00°12'36"	01°02'42"	0.758
25/10/2047 00:00:00	♂	21°38'57" ♍	04°31'28"	01°19'14"	00°37'00"	2.301
25/10/2047 00:00:00	♃	23°05'51" ♏	17°19'05"	-01°15'54"	-00°07'05"	4.051
25/10/2047 00:00:00	♅	00°11'45" ♎	-22°39'38"	00°46'22"	00°04'43"	10.526
25/10/2047 00:00:00	♁	09°55'57" ♍	08°31'51"	00°44'34"	00°02'40"	18.905
25/10/2047 00:00:00	♃	20°43'06" ♏	16°11'08"	-01°48'22"	-00°01'34"	28.875
25/10/2047 00:00:00	♅	04°38'46" ♏	-21°20'39"	-12°26'31"	-00°00'35"	40.384
25/10/2047 00:00:00	♁	09°22'55" ♎	-23°06'06"	00°00'00"	00°00'26"	0.002
25/10/2047 00:00:00	♃	00°24'58" ♍	-11°34'49"	00°02'13"	00°08'36"	9.612
25/10/2047 00:00:00	♁	18°57'48" ♏	21°19'12"	04°01'17"	00°06'41"	0.003
25/10/2047 00:00:00	♁♁	09°22'55" ♎	-23°06'06"	00°00'00"	00°00'26"	0.002
25/10/2047 00:00:00	♁♃	27°04'31" ♏	14°55'58"	04°50'02"	-01°04'13"	0.003
25/10/2047 00:00:00	X	00°18'34" ♏	05°49'12"	-06°08'25"	-00°00'36"	92.202
25/10/2047 00:00:00	Y	16°51'30" ♏	11°36'17"	-11°13'49"	-00°00'25"	77.781
26/10/2047 00:00:00	♁	02°29'53" ♍	-12°20'13"	00°00'00"	00°59'48"	0.994
26/10/2047 00:00:00	♃	04°56'38" ♎	-16°53'43"	02°11'37"	13°13'28"	0.003
26/10/2047 00:00:00	♃	15°32'34" ♎	-04°41'28"	01°32'42"	00°19'12"	0.850
26/10/2047 00:00:00	♀	16°25'35" ♍	05°37'47"	00°17'52"	01°03'02"	0.765
26/10/2047 00:00:00	♂	22°15'57" ♍	04°16'59"	01°19'21"	00°36'58"	2.295

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26/10/2047 00:00:00	♃	22°58'42" ♉	17°17'17"	-01°15'55"	-00°07'11"	4.046
26/10/2047 00:00:00	♅	00°16'31" ♈	-22°39'45"	00°46'14"	00°04'47"	10.540
26/10/2047 00:00:00	♆	09°58'36" ♎	08°30'52"	00°44'36"	00°02'37"	18.891
26/10/2047 00:00:00	♇	20°41'31" ♉	16°10'42"	-01°48'23"	-00°01'35"	28.870
26/10/2047 00:00:00	♁	04°38'12" ♉	-21°20'40"	-12°26'17"	-00°00'33"	40.399
26/10/2047 00:00:00	♄	09°23'07" ♈	-23°06'05"	00°00'00"	-00°00'13"	0.002
26/10/2047 00:00:00	♆	00°33'34" ♎	-11°37'33"	00°02'31"	00°08'36"	9.611
26/10/2047 00:00:00	♁	19°04'30" ♉	21°20'32"	04°00'43"	00°06'41"	0.003
26/10/2047 00:00:00	♄♁	09°23'07" ♈	-23°06'05"	00°00'00"	-00°00'13"	0.002
26/10/2047 00:00:00	♄♁	26°35'46" ♉	14°46'13"	04°50'52"	00°08'11"	0.003
26/10/2047 00:00:00	X	00°17'58" ♉	05°49'02"	-06°08'22"	-00°00'36"	92.203
26/10/2047 00:00:00	Y	16°51'03" ♉	11°36'09"	-11°13'55"	-00°00'26"	77.769
27/10/2047 00:00:00	♁	03°29'42" ♎	-12°40'39"	00°00'00"	00°59'49"	0.994
27/10/2047 00:00:00	♁	18°00'02" ♎	-12°24'41"	03°10'16"	12°53'53"	0.003
27/10/2047 00:00:00	♁	15°56'48" ♎	-04°41'42"	01°42'31"	00°29'10"	0.877
27/10/2047 00:00:00	♁	17°28'48" ♎	05°17'55"	00°23'00"	01°03'22"	0.773
27/10/2047 00:00:00	♁	22°52'55" ♎	04°02'29"	01°19'29"	00°36'57"	2.288
27/10/2047 00:00:00	♃	22°51'27" ♉	17°15'28"	-01°15'55"	-00°07'18"	4.041
27/10/2047 00:00:00	♅	00°21'21" ♈	-22°39'53"	00°46'06"	00°04'51"	10.554

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27/10/2047 00:00:00	♃	10°01'12" ♎	08°29'55"	00°44'38"	00°02'35"	18.877
27/10/2047 00:00:00	♃	20°39'56" ♏	16°10'16"	-01°48'25"	-00°01'35"	28.865
27/10/2047 00:00:00	♃	04°37'39" ♏	-21°20'40"	-12°26'04"	-00°00'32"	40.414
27/10/2047 00:00:00	♃	09°22'06" ♏	-23°06'10"	00°00'00"	-00°01'58"	0.002
27/10/2047 00:00:00	♃	00°42'10" ♎	-11°40'17"	00°02'49"	00°08'35"	9.611
27/10/2047 00:00:00	♃	19°11'11" ♏	21°21'52"	04°00'10"	00°06'41"	0.003
27/10/2047 00:00:00	♃	09°22'06" ♏	-23°06'10"	00°00'00"	-00°01'58"	0.002
27/10/2047 00:00:00	♃	27°21'11" ♏	15°01'32"	04°49'30"	01°21'36"	0.003
27/10/2047 00:00:00	X	00°17'21" ♏	05°48'52"	-06°08'20"	-00°00'36"	92.204
27/10/2047 00:00:00	Y	16°50'37" ♏	11°36'01"	-11°14'01"	-00°00'27"	77.757
28/10/2047 00:00:00	♃	04°29'33" ♎	-13°00'53"	00°00'00"	00°59'51"	0.994
28/10/2047 00:00:00	♃	00°45'33" ♏	-07°29'19"	03°57'59"	12°37'42"	0.003
28/10/2047 00:00:00	♃	16°30'39" ♏	-04°47'07"	01°50'42"	00°38'22"	0.904
28/10/2047 00:00:00	♃	18°32'21" ♎	04°57'44"	00°28'02"	01°03'42"	0.780
28/10/2047 00:00:00	♃	23°29'52" ♎	03°47'58"	01°19'36"	00°36'55"	2.282
28/10/2047 00:00:00	♃	22°44'06" ♏	17°13'37"	-01°15'55"	-00°07'24"	4.036
28/10/2047 00:00:00	♃	00°26'15" ♏	-22°40'00"	00°45'58"	00°04'55"	10.568
28/10/2047 00:00:00	♃	10°03'46" ♎	08°28'59"	00°44'40"	00°02'32"	18.863
28/10/2047 00:00:00	♃	20°38'19" ♏	16°09'50"	-01°48'25"	-00°01'36"	28.860

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28/10/2047 00:00:00	♁	04°37'07" ♉	-21°20'39"	-12°25'50"	-00°00'31"	40.429
28/10/2047 00:00:00	♁	09°18'57" ♉	-23°06'23"	00°00'00"	-00°04'24"	0.002
28/10/2047 00:00:00	♁	00°50'46" ♉	-11°43'00"	00°03'06"	00°08'35"	9.611
28/10/2047 00:00:00	♁	19°17'53" ♉	21°23'12"	03°59'37"	00°06'41"	0.003
28/10/2047 00:00:00	♁	09°18'57" ♉	-23°06'23"	00°00'00"	-00°04'24"	0.002
28/10/2047 00:00:00	♁	29°15'15" ♉	15°39'27"	04°45'53"	02°24'01"	0.003
28/10/2047 00:00:00	♁	00°16'44" ♉	05°48'41"	-06°08'18"	-00°00'36"	92.205
28/10/2047 00:00:00	♁	16°50'09" ♉	11°35'53"	-11°14'06"	-00°00'27"	77.745
29/10/2047 00:00:00	♁	05°29'25" ♉	-13°20'55"	00°00'00"	00°59'53"	0.994
29/10/2047 00:00:00	♁	13°16'31" ♉	-02°21'47"	04°33'14"	12°24'43"	0.003
29/10/2047 00:00:00	♁	17°13'17" ♉	-04°57'16"	01°57'18"	00°46'44"	0.932
29/10/2047 00:00:00	♁	19°36'13" ♉	04°37'14"	00°32'57"	01°04'01"	0.788
29/10/2047 00:00:00	♁	24°06'47" ♉	03°33'28"	01°19'43"	00°36'54"	2.275
29/10/2047 00:00:00	♁	22°36'39" ♉	17°11'45"	-01°15'54"	-00°07'29"	4.032
29/10/2047 00:00:00	♁	00°31'12" ♉	-22°40'06"	00°45'50"	00°04'59"	10.582
29/10/2047 00:00:00	♁	10°06'18" ♉	08°28'03"	00°44'42"	00°02'30"	18.849
29/10/2047 00:00:00	♁	20°36'42" ♉	16°09'24"	-01°48'26"	-00°01'37"	28.856
29/10/2047 00:00:00	♁	04°36'36" ♉	-21°20'38"	-12°25'36"	-00°00'29"	40.445
29/10/2047 00:00:00	♁	09°13'12" ♉	-23°06'47"	00°00'00"	-00°07'04"	0.002

Ephemerides year 2047

29/10/2047 00:00:00	♄	00°59'21" ♎	-11°45'43"	00°03'24"	00°08'35"	9.610
29/10/2047 00:00:00	♁	19°24'34" ♉	21°24'31"	03°59'03"	00°06'41"	0.003
29/10/2047 00:00:00	♁♁	09°13'12" ♉	-23°06'47"	00°00'00"	-00°07'04"	0.002
29/10/2047 00:00:00	♁♁	02°03'29" ♉	16°33'39"	04°40'00"	03°09'20"	0.003
29/10/2047 00:00:00	X	00°16'08" ♉	05°48'31"	-06°08'15"	-00°00'36"	92.206
29/10/2047 00:00:00	Y	16°49'41" ♉	11°35'45"	-11°14'12"	-00°00'28"	77.733
30/10/2047 00:00:00	♁	06°29'19" ♎	-13°40'45"	00°00'00"	00°59'54"	0.993
30/10/2047 00:00:00	♁	25°35'54" ♉	02°45'59"	04°55'07"	12°14'28"	0.003
30/10/2047 00:00:00	♁	18°03'51" ♉	-05°11'45"	02°02'27"	00°54'15"	0.960
30/10/2047 00:00:00	♁	20°40'24" ♎	04°16'25"	00°37'44"	01°04'20"	0.795
30/10/2047 00:00:00	♁	24°43'40" ♎	03°18'56"	01°19'50"	00°36'52"	2.269
30/10/2047 00:00:00	♁	22°29'07" ♉	17°09'51"	-01°15'53"	-00°07'34"	4.028
30/10/2047 00:00:00	♁	00°36'14" ♉	-22°40'13"	00°45'42"	00°05'03"	10.595
30/10/2047 00:00:00	♁	10°08'47" ♎	08°27'09"	00°44'44"	00°02'27"	18.835
30/10/2047 00:00:00	♁	20°35'05" ♉	16°08'57"	-01°48'27"	-00°01'37"	28.852
30/10/2047 00:00:00	♁	04°36'07" ♉	-21°20'36"	-12°25'22"	-00°00'28"	40.460
30/10/2047 00:00:00	♁	09°04'52" ♉	-23°07'21"	00°00'00"	-00°09'28"	0.003
30/10/2047 00:00:00	♁	01°07'56" ♎	-11°48'26"	00°03'42"	00°08'34"	9.609
30/10/2047 00:00:00	♁	19°31'16" ♉	21°25'50"	03°58'29"	00°06'41"	0.003

Ephemerides year 2047

30/10/2047 00:00:00	T♄	09°04'52" ♉	-23°07'21"	00°00'00"	-00°09'28"	0.003
30/10/2047 00:00:00	T♄	05°27'32" ♉	17°36'29"	04°31'59"	03°35'35"	0.003
30/10/2047 00:00:00	X	00°15'32" ♉	05°48'21"	-06°08'13"	-00°00'36"	92.208
30/10/2047 00:00:00	Y	16°49'12" ♉	11°35'37"	-11°14'17"	-00°00'28"	77.722
31/10/2047 00:00:00	♁	07°29'14" ♉	-14°00'21"	00°00'00"	00°59'56"	0.993
31/10/2047 00:00:00	♂	07°46'12" ♉	07°43'25"	05°03'16"	12°06'26"	0.003
31/10/2047 00:00:00	♀	19°01'31" ♉	-05°30'05"	02°06'13"	01°00'54"	0.987
31/10/2047 00:00:00	♀	21°44'53" ♉	03°55'18"	00°42'25"	01°04'38"	0.803
31/10/2047 00:00:00	♂	25°20'32" ♉	03°04'25"	01°19'57"	00°36'51"	2.262
31/10/2047 00:00:00	♃	22°21'30" ♉	17°07'56"	-01°15'52"	-00°07'39"	4.024
31/10/2047 00:00:00	♃	00°41'20" ♉	-22°40'19"	00°45'35"	00°05'07"	10.609
31/10/2047 00:00:00	♃	10°11'14" ♉	08°26'15"	00°44'47"	00°02'25"	18.820
31/10/2047 00:00:00	♃	20°33'27" ♉	16°08'31"	-01°48'28"	-00°01'38"	28.848
31/10/2047 00:00:00	♃	04°35'39" ♉	-21°20'33"	-12°25'08"	-00°00'27"	40.476
31/10/2047 00:00:00	♁	08°54'28" ♉	-23°08'03"	00°00'00"	-00°11'11"	0.003
31/10/2047 00:00:00	♁	01°16'30" ♉	-11°51'08"	00°03'59"	00°08'34"	9.608
31/10/2047 00:00:00	♁	19°37'57" ♉	21°27'08"	03°57'55"	00°06'41"	0.003
31/10/2047 00:00:00	T♄	08°54'28" ♉	-23°08'03"	00°00'00"	-00°11'11"	0.003
31/10/2047 00:00:00	T♄	09°08'37" ♉	18°40'38"	04°22'14"	03°43'45"	0.003

Ephemerides year 2047

31/10/2047 00:00:00	X	00°14'55" ♄	05°48'11"	-06°08'10"	-00°00'36"	92.210
31/10/2047 00:00:00	Y	16°48'43" ♀	11°35'29"	-11°14'22"	-00°00'29"	77.711
01/11/2047 00:00:00	☉	08°29'12" ♎	-14°19'44"	00°00'00"	00°59'58"	0.993
01/11/2047 00:00:00	☾	19°49'21" ♏	12°20'27"	04°57'46"	12°00'07"	0.003
01/11/2047 00:00:00	♁	20°05'25" ♏	-05°51'49"	02°08'43"	01°06'45"	1.014
01/11/2047 00:00:00	♂	22°49'40" ♎	03°33'54"	00°46'58"	01°04'55"	0.810
01/11/2047 00:00:00	♂	25°57'23" ♎	02°49'54"	01°20'04"	00°36'49"	2.256
01/11/2047 00:00:00	♃	22°13'48" ♄	17°06'00"	-01°15'50"	-00°07'44"	4.021
01/11/2047 00:00:00	♅	00°46'30" ♄	-22°40'25"	00°45'27"	00°05'11"	10.622
01/11/2047 00:00:00	♁	10°13'38" ♎	08°25'23"	00°44'49"	00°02'22"	18.806
01/11/2047 00:00:00	♁	20°31'48" ♄	16°08'04"	-01°48'29"	-00°01'38"	28.845
01/11/2047 00:00:00	♁	04°35'13" ♏	-21°20'30"	-12°24'54"	-00°00'25"	40.492
01/11/2047 00:00:00	♁	08°42'48" ♄	-23°08'50"	00°00'00"	-00°11'57"	0.003
01/11/2047 00:00:00	♁	01°25'04" ♎	-11°53'50"	00°04'17"	00°08'33"	9.606
01/11/2047 00:00:00	♁	19°44'39" ♄	21°28'26"	03°57'22"	00°06'41"	0.003
01/11/2047 00:00:00	T♁	08°42'48" ♄	-23°08'50"	00°00'00"	-00°11'57"	0.003
01/11/2047 00:00:00	T♁	12°50'15" ♄	19°40'35"	04°11'23"	03°37'36"	0.003
01/11/2047 00:00:00	X	00°14'19" ♄	05°48'01"	-06°08'07"	-00°00'36"	92.212
01/11/2047 00:00:00	Y	16°48'14" ♀	11°35'22"	-11°14'27"	-00°00'29"	77.700

Ephemerides year 2047

02/11/2047 00:00:00	☉	09°29'11" ♍	-14°38'53"	00°00'00"	01°00'00"	0.992
02/11/2047 00:00:00	☾	01°46'54" ♋	16°27'02"	04°39'09"	11°55'13"	0.003
02/11/2047 00:00:00	♀	21°14'46" ♋	-06°16'30"	02°10'03"	01°11'49"	1.040
02/11/2047 00:00:00	♀	23°54'44" ♍	03°12'13"	00°51'24"	01°05'13"	0.818
02/11/2047 00:00:00	♂	26°34'12" ♍	02°35'22"	01°20'10"	00°36'48"	2.249
02/11/2047 00:00:00	♃	22°06'02" ♋	17°04'03"	-01°15'48"	-00°07'48"	4.018
02/11/2047 00:00:00	♅	00°51'44" ♌	-22°40'30"	00°45'20"	00°05'15"	10.635
02/11/2047 00:00:00	♁	10°16'00" ♍	08°24'31"	00°44'51"	00°02'20"	18.791
02/11/2047 00:00:00	♃	20°30'09" ♋	16°07'37"	-01°48'29"	-00°01'39"	28.841
02/11/2047 00:00:00	♁	04°34'48" ♉	-21°20'26"	-12°24'39"	-00°00'24"	40.508
02/11/2047 00:00:00	♁	08°30'54" ♌	-23°09'36"	00°00'00"	-00°11'38"	0.003
02/11/2047 00:00:00	♃	01°33'37" ♍	-11°56'31"	00°04'35"	00°08'32"	9.604
02/11/2047 00:00:00	♁	19°51'20" ♋	21°29'44"	03°56'47"	00°06'41"	0.003
02/11/2047 00:00:00	T♁	08°30'54" ♌	-23°09'36"	00°00'00"	-00°11'38"	0.003
02/11/2047 00:00:00	T♃	16°21'16" ♋	20°33'18"	04°00'07"	03°23'46"	0.003
02/11/2047 00:00:00	X	00°13'43" ♋	05°47'51"	-06°08'04"	-00°00'36"	92.214
02/11/2047 00:00:00	Y	16°47'43" ♉	11°35'14"	-11°14'32"	-00°00'30"	77.690
03/11/2047 00:00:00	☉	10°29'12" ♍	-14°57'48"	00°00'00"	01°00'02"	0.992
03/11/2047 00:00:00	☾	13°40'15" ♋	19°53'07"	04°08'26"	11°51'41"	0.003

Ephemerides year 2047

03/11/2047 00:00:00	♀	22°28'50" ♈	-06°43'44"	02°10'20"	01°16'11"	1.066
03/11/2047 00:00:00	♀	25°00'06" ♍	02°50'17"	00°55'43"	01°05'30"	0.825
03/11/2047 00:00:00	♂	27°10'59" ♍	02°20'51"	01°20'17"	00°36'46"	2.242
03/11/2047 00:00:00	♃	21°58'12" ♉	17°02'05"	-01°15'46"	-00°07'52"	4.015
03/11/2047 00:00:00	♃	00°57'01" ♉	-22°40'35"	00°45'12"	00°05'19"	10.648
03/11/2047 00:00:00	♃	10°18'19" ♍	08°23'41"	00°44'53"	00°02'17"	18.776
03/11/2047 00:00:00	♃	20°28'30" ♉	16°07'11"	-01°48'30"	-00°01'39"	28.838
03/11/2047 00:00:00	♃	04°34'24" ♉	-21°20'22"	-12°24'25"	-00°00'22"	40.524
03/11/2047 00:00:00	♁	08°19'50" ♉	-23°10'18"	00°00'00"	-00°10'20"	0.003
03/11/2047 00:00:00	♁	01°42'09" ♍	-11°59'11"	00°04'53"	00°08'32"	9.602
03/11/2047 00:00:00	♁	19°58'01" ♉	21°31'01"	03°56'13"	00°06'41"	0.003
03/11/2047 00:00:00	♁	08°19'50" ♉	-23°10'18"	00°00'00"	-00°10'20"	0.003
03/11/2047 00:00:00	♁	19°37'46" ♉	21°18'22"	03°48'52"	03°09'44"	0.003
03/11/2047 00:00:00	X	00°13'07" ♉	05°47'42"	-06°08'02"	-00°00'35"	92.217
03/11/2047 00:00:00	Y	16°47'13" ♉	11°35'06"	-11°14'37"	-00°00'30"	77.679
04/11/2047 00:00:00	♁	11°29'15" ♍	-15°16'28"	00°00'00"	01°00'04"	0.992
04/11/2047 00:00:00	♁	25°30'48" ♉	22°29'00"	03°26'59"	11°49'41"	0.003
04/11/2047 00:00:00	♀	23°46'57" ♈	-07°13'06"	02°09'41"	01°19'55"	1.091
04/11/2047 00:00:00	♀	26°05'44" ♍	02°28'05"	00°59'54"	01°05'46"	0.833

Ephemerides year 2047

04/11/2047 00:00:00	♂	27°47'46" ♉	02°06'20"	01°20'23"	00°36'45"	2.235
04/11/2047 00:00:00	♃	21°50'18" ♈	17°00'06"	-01°15'43"	-00°07'55"	4.012
04/11/2047 00:00:00	♅	01°02'22" ♁	-22°40'40"	00°45'05"	00°05'22"	10.660
04/11/2047 00:00:00	♁	10°20'35" ♉	08°22'51"	00°44'55"	00°02'15"	18.761
04/11/2047 00:00:00	♃	20°26'50" ♈	16°06'44"	-01°48'30"	-00°01'39"	28.836
04/11/2047 00:00:00	♁	04°34'02" ♁	-21°20'16"	-12°24'10"	-00°00'21"	40.540
04/11/2047 00:00:00	♁	08°10'28" ♁	-23°10'53"	00°00'00"	-00°08'16"	0.002
04/11/2047 00:00:00	♃	01°50'41" ♈	-12°01'52"	00°05'10"	00°08'31"	9.600
04/11/2047 00:00:00	♁	20°04'43" ♈	21°32'18"	03°55'39"	00°06'41"	0.003
04/11/2047 00:00:00	♁♁	08°10'28" ♁	-23°10'53"	00°00'00"	-00°08'16"	0.002
04/11/2047 00:00:00	♁♃	22°42'17" ♈	21°57'01"	03°37'43"	03°00'08"	0.003
04/11/2047 00:00:00	X	00°12'31" ♈	05°47'32"	-06°07'59"	-00°00'35"	92.220
04/11/2047 00:00:00	Y	16°46'42" ♁	11°34'59"	-11°14'41"	-00°00'31"	77.669
05/11/2047 00:00:00	♁	12°29'20" ♉	-15°34'54"	00°00'00"	01°00'05"	0.992
05/11/2047 00:00:00	♃	07°20'16" ♈	24°06'08" ♁	02°36'32"	11°49'36"	0.003
05/11/2047 00:00:00	♃	25°08'29" ♈	-07°44'15"	02°08'10"	01°23'04"	1.115
05/11/2047 00:00:00	♀	27°11'39" ♉	02°05'38"	01°03'59"	01°06'02"	0.840
05/11/2047 00:00:00	♂	28°24'30" ♉	01°51'49"	01°20'29"	00°36'44"	2.228
05/11/2047 00:00:00	♃	21°42'21" ♈	16°58'06"	-01°15'40"	-00°07'58"	4.010

Ephemerides year 2047

05/11/2047 00:00:00	♃	01°07'47" ♁	-22°40'45"	00°44'57"	00°05'26"	10.673
05/11/2047 00:00:00	♅	10°22'49" ♃	08°22'02"	00°44'58"	00°02'12"	18.746
05/11/2047 00:00:00	♆	20°25'10" ♃	16°06'17"	-01°48'31"	-00°01'40"	28.834
05/11/2047 00:00:00	♁	04°33'42" ♃	-21°20'10"	-12°23'55"	-00°00'19"	40.556
05/11/2047 00:00:00	♄	08°03'25" ♁	-23°11'18"	00°00'00"	-00°05'45"	0.002
05/11/2047 00:00:00	♃	01°59'12" ♃	-12°04'31"	00°05'28"	00°08'30"	9.598
05/11/2047 00:00:00	♁	20°11'24" ♃	21°33'35"	03°55'05"	00°06'41"	0.003
05/11/2047 00:00:00	♄	08°03'25" ♁	-23°11'18"	00°00'00"	-00°05'45"	0.002
05/11/2047 00:00:00	♁	25°39'21" ♃	22°30'38"	03°26'32"	02°54'18"	0.003
05/11/2047 00:00:00	X	00°11'55" ♃	05°47'22"	-06°07'56"	-00°00'35"	92.224
05/11/2047 00:00:00	Y	16°46'10" ♃	11°34'51"	-11°14'46"	-00°00'31"	77.659
06/11/2047 00:00:00	♃	13°29'27" ♃	-15°53'04"	00°00'00"	01°00'07"	0.991
06/11/2047 00:00:00	♃	19°10'50" ♃	24°38'19"	01°39'05"	11°52'01"	0.003
06/11/2047 00:00:00	♁	26°32'55" ♃	-08°16'52"	02°05'54"	01°25'42"	1.139
06/11/2047 00:00:00	♃	28°17'49" ♃	01°42'57"	01°07'56"	01°06'18"	0.847
06/11/2047 00:00:00	♃	29°01'14" ♃	01°37'18"	01°20'35"	00°36'42"	2.221
06/11/2047 00:00:00	♃	21°34'21" ♃	16°56'06"	-01°15'37"	-00°08'01"	4.008
06/11/2047 00:00:00	♃	01°13'15" ♁	-22°40'50"	00°44'50"	00°05'30"	10.685
06/11/2047 00:00:00	♅	10°25'00" ♃	08°21'15"	00°45'00"	00°02'09"	18.730

Ephemerides year 2047

06/11/2047 00:00:00	♁	20°23'30"	♄	16°05'50"	-01°48'31"	-00°01'40"	28.832
06/11/2047 00:00:00	♁	04°33'23"	♃	-21°20'04"	-12°23'40"	-00°00'18"	40.573
06/11/2047 00:00:00	♁	07°58'57"	♄	-23°11'35"	00°00'00"	-00°03'12"	0.002
06/11/2047 00:00:00	♁	02°07'42"	♃	-12°07'10"	00°05'46"	00°08'29"	9.595
06/11/2047 00:00:00	♁	20°18'06"	♄	21°34'51"	03°54'30"	00°06'41"	0.003
06/11/2047 00:00:00	T♁	07°58'57"	♄	-23°11'35"	00°00'00"	-00°03'12"	0.002
06/11/2047 00:00:00	T♁	28°30'31"	♄	22°59'44"	03°15'17"	02°47'17"	0.003
06/11/2047 00:00:00	X	00°11'20"	♄	05°47'13"	-06°07'53"	-00°00'35"	92.227
06/11/2047 00:00:00	Y	16°45'38"	♃	11°34'44"	-11°14'50"	-00°00'32"	77.649
07/11/2047 00:00:00	♁	14°29'36"	♃	-16°10'58"	00°00'00"	01°00'09"	0.991
07/11/2047 00:00:00	♁	01°05'21"	♃	24°02'33"	00°36'49"	11°57'35"	0.003
07/11/2047 00:00:00	♁	27°59'46"	♃	-08°50'39"	02°02'57"	01°27'54"	1.161
07/11/2047 00:00:00	♁	29°24'15"	♃	01°20'03"	01°11'46"	01°06'33"	0.855
07/11/2047 00:00:00	♁	29°37'56"	♃	01°22'48"	01°20'40"	00°36'41"	2.214
07/11/2047 00:00:00	♁	21°26'18"	♄	16°54'04"	-01°15'33"	-00°08'03"	4.007
07/11/2047 00:00:00	♁	01°18'47"	♄	-22°40'54"	00°44'43"	00°05'33"	10.697
07/11/2047 00:00:00	♁	10°27'09"	♃	08°20'28"	00°45'02"	00°02'07"	18.715
07/11/2047 00:00:00	♁	20°21'49"	♄	16°05'23"	-01°48'31"	-00°01'40"	28.830
07/11/2047 00:00:00	♁	04°33'05"	♃	-21°19'57"	-12°23'25"	-00°00'16"	40.589

Ephemerides year 2047

07/11/2047 00:00:00	♁	07°56'54" ♁	-23°11'42"	00°00'00"	-00°00'59"	0.002
07/11/2047 00:00:00	♋	02°16'11" ♋	-12°09'49"	00°06'04"	00°08'28"	9.592
07/11/2047 00:00:00	♌	20°24'47" ♁	21°36'07"	03°53'56"	00°06'41"	0.003
07/11/2047 00:00:00	T♁	07°56'54" ♁	-23°11'42"	00°00'00"	-00°00'59"	0.002
07/11/2047 00:00:00	T♌	01°11'31" ♀	23°23'58"	03°04'19"	02°33'04"	0.003
07/11/2047 00:00:00	X	00°10'44" ♁	05°47'04"	-06°07'50"	-00°00'35"	92.231
07/11/2047 00:00:00	Y	16°45'06" ♀	11°34'37"	-11°14'55"	-00°00'32"	77.640
08/11/2047 00:00:00	♃	15°29'47" ♋	-16°28'37"	00°00'00"	01°00'11"	0.991
08/11/2047 00:00:00	♄	13°07'18" ♃	22°19'27"	-00°27'52"	12°06'59"	0.003
08/11/2047 00:00:00	♅	29°28'37" ♃	-09°25'20"	01°59'24"	01°29'43"	1.183
08/11/2047 00:00:00	♆	00°30'56" ♃	00°56'57"	01°15'28"	01°06'47"	0.862
08/11/2047 00:00:00	♇	00°14'36" ♃	01°08'18"	01°20'46"	00°36'39"	2.207
08/11/2047 00:00:00	♈	21°18'13" ♁	16°52'02"	-01°15'29"	-00°08'05"	4.005
08/11/2047 00:00:00	♉	01°24'23" ♁	-22°40'57"	00°44'35"	00°05'37"	10.709
08/11/2047 00:00:00	♊	10°29'15" ♋	08°19'43"	00°45'04"	00°02'04"	18.699
08/11/2047 00:00:00	♋	20°20'09" ♁	16°04'56"	-01°48'32"	-00°01'40"	28.829
08/11/2047 00:00:00	♌	04°32'49" ♀	-21°19'49"	-12°23'10"	-00°00'15"	40.606
08/11/2047 00:00:00	♁	07°56'46" ♁	-23°11'42"	00°00'00"	00°00'34"	0.002
08/11/2047 00:00:00	♋	02°24'40" ♋	-12°12'27"	00°06'22"	00°08'27"	9.589

Ephemerides year 2047

08/11/2047 00:00:00	☾	20°31'29" ♉	21°37'23"	03°53'21"	00°06'41"	0.003
08/11/2047 00:00:00	♁	07°56'46" ♉	-23°11'42"	00°00'00"	00°00'34"	0.002
08/11/2047 00:00:00	♁	03°32'40" ♉	23°42'37" ♀	02°54'25"	02°06'56"	0.003
08/11/2047 00:00:00	X	00°10'09" ♉	05°46'55"	-06°07'46"	-00°00'35"	92.236
08/11/2047 00:00:00	Y	16°44'33" ♉	11°34'30"	-11°14'59"	-00°00'33"	77.631
09/11/2047 00:00:00	☉	16°30'00" ♉	-16°45'58"	00°00'00"	01°00'13"	0.991
09/11/2047 00:00:00	☾	25°20'48" ♉	19°32'54"	-01°32'25"	12°20'46"	0.003
09/11/2047 00:00:00	♀	00°59'07" ♉	-10°00'41"	01°55'19"	01°31'12"	1.203
09/11/2047 00:00:00	♀	01°37'51" ♉	00°33'38"	01°19'04"	01°07'02"	0.870
09/11/2047 00:00:00	♂	00°51'15" ♉	00°53'48"	01°20'51"	00°36'38"	2.200
09/11/2047 00:00:00	♃	21°10'06" ♉	16°50'00"	-01°15'25"	-00°08'07"	4.004
09/11/2047 00:00:00	♃	01°30'01" ♉	-22°41'01"	00°44'28"	00°05'40"	10.721
09/11/2047 00:00:00	♃	10°31'17" ♉	08°18'58"	00°45'07"	00°02'01"	18.683
09/11/2047 00:00:00	♃	20°18'27" ♉	16°04'30"	-01°48'32"	-00°01'41"	28.828
09/11/2047 00:00:00	♃	04°32'35" ♉	-21°19'40"	-12°22'55"	-00°00'13"	40.623
09/11/2047 00:00:00	♁	07°57'45" ♉	-23°11'39"	00°00'00"	00°01'14"	0.002
09/11/2047 00:00:00	♃	02°33'07" ♉	-12°15'04"	00°06'39"	00°08'26"	9.586
09/11/2047 00:00:00	☾	20°38'10" ♉	21°38'38"	03°52'46"	00°06'41"	0.003
09/11/2047 00:00:00	♁	07°57'45" ♉	-23°11'39"	00°00'00"	00°01'14"	0.002

Ephemerides year 2047

09/11/2047 00:00:00	T♄	05°20'34" ♀	23°55'13" ○	02°46'40"	01°26'21"	0.003
09/11/2047 00:00:00	X	00°09'34" ♂♄	05°46'46"	-06°07'43"	-00°00'34"	92.240
09/11/2047 00:00:00	Y	16°44'00" ♀♄	11°34'23"	-11°15'03"	-00°00'33"	77.622
10/11/2047 00:00:00	☉	17°30'15" ♀♄	-17°03'03"	-00°00'00"	01°00'15"	0.991
10/11/2047 00:00:00	☾	07°50'25" ♂♄	15°49'16"	-02°34'04"	12°39'13"	0.003
10/11/2047 00:00:00	♀	02°30'57" ♀♄	-10°36'30"	01°50'46"	01°32'24"	1.223
10/11/2047 00:00:00	♀	02°45'00" ♀♄	00°10'08"	01°22'32"	01°07'16"	0.877
10/11/2047 00:00:00	♂	01°27'52" ♀♄	00°39'20"	01°20'57"	00°36'36"	2.193
10/11/2047 00:00:00	♃	21°01'58" ♂♄	16°47'57"	-01°15'20"	-00°08'09"	4.004
10/11/2047 00:00:00	♅	01°35'44" ♂♄	-22°41'04"	00°44'21"	00°05'43"	10.733
10/11/2047 00:00:00	♁	10°33'18" ♀♄	08°18'15"	00°45'09"	00°01'58"	18.668
10/11/2047 00:00:00	♃	20°16'46" ♂♄	16°04'03"	-01°48'32"	-00°01'41"	28.827
10/11/2047 00:00:00	♁	04°32'22" ♀♄	-21°19'31"	-12°22'40"	-00°00'12"	40.639
10/11/2047 00:00:00	♁	07°58'54" ♂♄	-23°11'35"	00°00'00"	00°00'55"	0.002
10/11/2047 00:00:00	♁	02°41'33" ♀♄	-12°17'41"	00°06'57"	00°08'25"	9.582
10/11/2047 00:00:00	♁	20°44'52" ♂♄	21°39'53"	03°52'11"	00°06'41"	0.003
10/11/2047 00:00:00	T♁	07°58'54" ♂♄	-23°11'35"	00°00'00"	00°00'55"	0.002
10/11/2047 00:00:00	T♄	06°20'41" ♀	24°01'38" ○	02°42'19"	00°31'47"	0.003
10/11/2047 00:00:00	X	00°08'59" ♂♄	05°46'37"	-06°07'40"	-00°00'34"	92.245

Ephemerides year 2047

10/11/2047 00:00:00	Y	16°43'26" ♀	11°34'16"	-11°15'07"	-00°00'33"	77.613
11/11/2047 00:00:00	☉	18°30'32" ♎	-17°19'51"	-00°00'00"	01°00'17"	0.990
11/11/2047 00:00:00	☽	20°40'48" ♋	11°16'41"	-03°29'45"	13°02'15"	0.003
11/11/2047 00:00:00	♀	04°03'51" ♎	-11°12'35"	01°45'49"	01°33'21"	1.241
11/11/2047 00:00:00	♀	03°52'23" ♋	-00°13'31"	01°25'53"	01°07'29"	0.884
11/11/2047 00:00:00	♂	02°04'28" ♋	00°24'52"	01°21'02"	00°36'34"	2.186
11/11/2047 00:00:00	♃	20°53'48" ♋	16°45'54"	-01°15'15"	-00°08'10"	4.003
11/11/2047 00:00:00	♄	01°41'29" ♋	-22°41'07"	00°44'14"	00°05'47"	10.744
11/11/2047 00:00:00	♅	10°35'15" ♎	08°17'33"	00°45'12"	00°01'55"	18.652
11/11/2047 00:00:00	♆	20°15'05" ♋	16°03'36"	-01°48'32"	-00°01'41"	28.826
11/11/2047 00:00:00	♇	04°32'10" ♎	-21°19'21"	-12°22'24"	-00°00'10"	40.656
11/11/2047 00:00:00	♈	07°59'18" ♋	-23°11'33"	00°00'00"	-00°00'15"	0.002
11/11/2047 00:00:00	♉	02°49'57" ♎	-12°20'17"	00°07'15"	00°08'23"	9.578
11/11/2047 00:00:00	♊	20°51'33" ♋	21°41'07"	03°51'36"	00°06'41"	0.003
11/11/2047 00:00:00	♋	07°59'18" ♋	-23°11'33"	00°00'00"	-00°00'15"	0.002
11/11/2047 00:00:00	♌	06°21'01" ♀	24°01'43" ○	02°42'21"	-00°31'56"	0.003
11/11/2047 00:00:00	X	00°08'24" ♋	05°46'28"	-06°07'36"	-00°00'34"	92.250
11/11/2047 00:00:00	Y	16°42'52" ♀	11°34'09"	-11°15'11"	-00°00'34"	77.605
12/11/2047 00:00:00	☉	19°30'50" ♎	-17°36'20"	-00°00'00"	01°00'19"	0.990

Ephemerides year 2047

12/11/2047 00:00:00	♃	03°56'12" ♃	06°04'53"	-04°16'08"	13°29'04"	0.003
12/11/2047 00:00:00	♆	05°37'35" ♃	-11°48'48"	01°40'31"	01°34'06"	1.259
12/11/2047 00:00:00	♀	04°59'59" ♃	-00°37'21"	01°29'06"	01°07'42"	0.892
12/11/2047 00:00:00	♂	02°41'02" ♃	00°10'25"	01°21'07"	00°36'33"	2.178
12/11/2047 00:00:00	♃	20°45'38" ♃	16°43'51"	-01°15'09"	-00°08'10"	4.003
12/11/2047 00:00:00	♃	01°47'18" ♃	-22°41'09"	00°44'07"	00°05'50"	10.755
12/11/2047 00:00:00	♃	10°37'09" ♃	08°16'52"	00°45'14"	00°01'52"	18.636
12/11/2047 00:00:00	♃	20°13'23" ♃	16°03'09"	-01°48'32"	-00°01'41"	28.826
12/11/2047 00:00:00	♃	04°32'00" ♃	-21°19'11"	-12°22'09"	-00°00'09"	40.673
12/11/2047 00:00:00	♃	07°58'11" ♃	-23°11'37"	00°00'00"	-00°02'03"	0.002
12/11/2047 00:00:00	♃	02°58'21" ♃	-12°22'52"	00°07'33"	00°08'22"	9.574
12/11/2047 00:00:00	♃	20°58'14" ♃	21°42'21"	03°51'01"	00°06'41"	0.003
12/11/2047 00:00:00	♃	07°58'11" ♃	-23°11'37"	00°00'00"	-00°02'03"	0.002
12/11/2047 00:00:00	♃	05°17'14" ♃	23°55'00" ♃	02°47'04"	-01°34'12"	0.003
12/11/2047 00:00:00	X	00°07'50" ♃	05°46'19"	-06°07'33"	-00°00'34"	92.256
12/11/2047 00:00:00	Y	16°42'17" ♃	11°34'02"	-11°15'14"	-00°00'34"	77.597
13/11/2047 00:00:00	♃	20°31'11" ♃	-17°52'32"	-00°00'00"	01°00'21"	0.990
13/11/2047 00:00:00	♃	17°39'41" ♃	00°25'36"	-04°49'41"	13°58'06"	0.002
13/11/2047 00:00:00	♆	07°12'00" ♃	-12°25'00"	01°34'54"	01°34'40"	1.276

Ephemerides year 2047

13/11/2047 00:00:00	♀	06°07'48" ♈	-01°01'20"	01°32'13"	01°07'55"	0.899
13/11/2047 00:00:00	♂	03°17'34" ♈	-00°04'00"	01°21'12"	00°36'31"	2.171
13/11/2047 00:00:00	♃	20°37'27" ♉	16°41'48"	-01°15'03"	-00°08'10"	4.003
13/11/2047 00:00:00	♅	01°53'10" ♌	-22°41'11"	00°44'00"	00°05'53"	10.767
13/11/2047 00:00:00	♁	10°39'00" ♍	08°16'12"	00°45'16"	00°01'49"	18.619
13/11/2047 00:00:00	♆	20°11'42" ♎	16°02'42"	-01°48'32"	-00°01'41"	28.826
13/11/2047 00:00:00	♄	04°31'51" ♏	-21°19'00"	-12°21'53"	-00°00'07"	40.690
13/11/2047 00:00:00	♁	07°55'07" ♏	-23°11'48"	00°00'00"	-00°04'03"	0.002
13/11/2047 00:00:00	♃	03°06'43" ♏	-12°25'26"	00°07'51"	00°08'21"	9.570
13/11/2047 00:00:00	♁	21°04'56" ♏	21°43'35"	03°50'25"	00°06'41"	0.003
13/11/2047 00:00:00	T♁	07°55'07" ♏	-23°11'48"	00°00'00"	-00°04'03"	0.002
13/11/2047 00:00:00	T♁	03°18'03" ♏	23°41'01" ♏	02°55'41"	-02°20'12"	0.003
13/11/2047 00:00:00	X	00°07'15" ♏	05°46'11"	-06°07'29"	-00°00'34"	92.261
13/11/2047 00:00:00	Y	16°41'42" ♏	11°33'55"	-11°15'18"	-00°00'35"	77.589
14/11/2047 00:00:00	♁	21°31'34" ♏	-18°08'25"	-00°00'00"	01°00'23"	0.990
14/11/2047 00:00:00	♃	01°52'18" ♏	-05°26'12"	-05°06'55"	14°26'48"	0.002
14/11/2047 00:00:00	♁	08°46'54" ♏	-13°01'03"	01°29'01"	01°35'06"	1.292
14/11/2047 00:00:00	♀	07°15'49" ♏	-01°25'27"	01°35'12"	01°08'07"	0.906
14/11/2047 00:00:00	♂	03°54'05" ♏	-00°18'25"	01°21'17"	00°36'29"	2.164

Ephemerides year 2047

14/11/2047 00:00:00	♃	20°29'16" ♉	16°39'44"	-01°14'57"	-00°08'10"	4.004
14/11/2047 00:00:00	♈	01°59'05" ♉	-22°41'13"	00°43'53"	00°05'56"	10.777
14/11/2047 00:00:00	♈	10°40'49" ♉	08°15'33"	00°45'19"	00°01'46"	18.603
14/11/2047 00:00:00	♃	20°10'00" ♉	16°02'16"	-01°48'32"	-00°01'41"	28.827
14/11/2047 00:00:00	♁	04°31'44" ♉	-21°18'48"	-12°21'38"	-00°00'06"	40.708
14/11/2047 00:00:00	♁	07°50'08" ♉	-23°12'06"	00°00'00"	-00°05'49"	0.002
14/11/2047 00:00:00	♃	03°15'03" ♉	-12°28'00"	00°08'09"	00°08'19"	9.565
14/11/2047 00:00:00	♁	21°11'37" ♉	21°44'49"	03°49'50"	00°06'41"	0.003
14/11/2047 00:00:00	♁♁	07°50'08" ♉	-23°12'06"	00°00'00"	-00°05'49"	0.002
14/11/2047 00:00:00	♁♃	00°46'15" ♉	23°20'36"	03°06'18"	-02°38'21"	0.003
14/11/2047 00:00:00	X	00°06'41" ♉	05°46'03"	-06°07'26"	-00°00'34"	92.268
14/11/2047 00:00:00	Y	16°41'07" ♉	11°33'49"	-11°15'21"	-00°00'35"	77.581
15/11/2047 00:00:00	♁	22°31'59" ♉	-18°23'59"	-00°00'00"	01°00'25"	0.989
15/11/2047 00:00:00	♁	16°32'07" ♉	-11°11'17"	-05°04'59"	14°51'56"	0.002
15/11/2047 00:00:00	♁	10°22'10" ♉	-13°36'50"	01°22'55"	01°35'24"	1.307
15/11/2047 00:00:00	♁	08°24'03" ♉	-01°49'42"	01°38'04"	01°08'19"	0.913
15/11/2047 00:00:00	♁	04°30'33" ♉	-00°32'48"	01°21'21"	00°36'27"	2.156
15/11/2047 00:00:00	♃	20°21'05" ♉	16°37'41"	-01°14'50"	-00°08'10"	4.005
15/11/2047 00:00:00	♈	02°05'03" ♉	-22°41'14"	00°43'47"	00°05'59"	10.788

Ephemerides year 2047

15/11/2047 00:00:00	♃	10°42'34" ♎	08°14'55"	00°45'21"	00°01'43"	18.587
15/11/2047 00:00:00	♃	20°08'18" ♏	16°01'49"	-01°48'31"	-00°01'41"	28.828
15/11/2047 00:00:00	♃	04°31'38" ♏	-21°18'36"	-12°21'22"	-00°00'04"	40.725
15/11/2047 00:00:00	♃	07°43'42" ♏	-23°12'29"	00°00'00"	-00°06'54"	0.002
15/11/2047 00:00:00	♃	03°23'22" ♎	-12°30'33"	00°08'27"	00°08'18"	9.560
15/11/2047 00:00:00	♃	21°18'18" ♏	21°46'02"	03°49'14"	00°06'41"	0.003
15/11/2047 00:00:00	♃	07°43'42" ♏	-23°12'29"	00°00'00"	-00°06'54"	0.002
15/11/2047 00:00:00	♃	28°10'27" ♏	22°56'42"	03°16'50"	-02°29'39"	0.003
15/11/2047 00:00:00	♃	00°06'07" ♏	05°45'54"	-06°07'22"	-00°00'33"	92.274
15/11/2047 00:00:00	♃	16°40'31" ♏	11°33'42"	-11°15'24"	-00°00'35"	77.574
16/11/2047 00:00:00	♃	23°32'25" ♎	-18°39'13"	-00°00'00"	01°00'27"	0.989
16/11/2047 00:00:00	♃	01°33'49" ♎	-16°25'23"	-04°42'19"	15°10'00"	0.002
16/11/2047 00:00:00	♃	11°57'41" ♎	-14°12'17"	01°16'37"	01°35'37"	1.321
16/11/2047 00:00:00	♃	09°32'28" ♏	-02°14'03"	01°40'49"	01°08'30"	0.921
16/11/2047 00:00:00	♃	05°07'01" ♏	-00°47'11"	01°21'26"	00°36'26"	2.149
16/11/2047 00:00:00	♃	20°12'55" ♏	16°35'38"	-01°14'43"	-00°08'09"	4.006
16/11/2047 00:00:00	♃	02°11'04" ♏	-22°41'15"	00°43'40"	00°06'02"	10.798
16/11/2047 00:00:00	♃	10°44'16" ♎	08°14'19"	00°45'24"	00°01'40"	18.570
16/11/2047 00:00:00	♃	20°06'37" ♏	16°01'22"	-01°48'31"	-00°01'41"	28.829

Ephemerides year 2047

16/11/2047 00:00:00	♁	04°31'34" ♉	-21°18'23"	-12°21'06"	-00°00'03"	40.742
16/11/2047 00:00:00	♁	07°36'38" ♉	-23°12'53"	00°00'00"	-00°07'02"	0.002
16/11/2047 00:00:00	♊	03°31'39" ♊	-12°33'05"	00°08'45"	00°08'16"	9.555
16/11/2047 00:00:00	♋	21°24'59" ♋	21°47'14"	03°48'39"	00°06'41"	0.003
16/11/2047 00:00:00	♁	07°36'38" ♉	-23°12'53"	00°00'00"	-00°07'02"	0.002
16/11/2047 00:00:00	♋	25°51'11" ♋	22°32'55"	03°25'57"	-02°08'21"	0.003
16/11/2047 00:00:00	♁	00°05'33" ♉	05°45'46"	-06°07'18"	-00°00'33"	92.280
16/11/2047 00:00:00	♁	16°39'55" ♉	11°33'36"	-11°15'27"	-00°00'36"	77.567
17/11/2047 00:00:00	♊	24°32'54" ♊	-18°54'08"	-00°00'00"	01°00'29"	0.989
17/11/2047 00:00:00	♊	16°48'50" ♊	-20°40'41"	-03°59'27"	15°18'14"	0.002
17/11/2047 00:00:00	♊	13°33'22" ♊	-14°47'18"	01°10'09"	01°35'44"	1.334
17/11/2047 00:00:00	♋	10°41'05" ♋	-02°38'31"	01°43'26"	01°08'42"	0.928
17/11/2047 00:00:00	♋	05°43'26" ♋	-01°01'32"	01°21'30"	00°36'24"	2.141
17/11/2047 00:00:00	♋	20°04'47" ♋	16°33'35"	-01°14'36"	-00°08'07"	4.008
17/11/2047 00:00:00	♉	02°17'08" ♉	-22°41'15"	00°43'33"	00°06'05"	10.809
17/11/2047 00:00:00	♊	10°45'56" ♊	08°13'43"	00°45'26"	00°01'37"	18.554
17/11/2047 00:00:00	♋	20°04'56" ♋	16°00'56"	-01°48'31"	-00°01'41"	28.830
17/11/2047 00:00:00	♁	04°31'32" ♉	-21°18'09"	-12°20'51"	-00°00'01"	40.759
17/11/2047 00:00:00	♁	07°29'56" ♉	-23°13'16"	00°00'00"	-00°06'11"	0.002

































Ephemerides year 2047

17/11/2047 00:00:00	♁	03°39'55" ♎	-12°35'36"	00°09'03"	00°08'14"	9.550
17/11/2047 00:00:00	♁	21°31'41" ♏	21°48'27"	03°48'03"	00°06'41"	0.003
17/11/2047 00:00:00	♁	07°29'56" ♏	-23°13'16"	00°00'00"	-00°06'11"	0.002
17/11/2047 00:00:00	♁	23°51'51" ♏	22°10'53"	03°33'38"	-01°52'28"	0.003
17/11/2047 00:00:00	X	00°05'00" ♏	05°45'38"	-06°07'15"	-00°00'33"	92.287
17/11/2047 00:00:00	Y	16°39'18" ♏	11°33'29"	-11°15'30"	-00°00'36"	77.560
18/11/2047 00:00:00	♁	25°33'24" ♎	-19°08'42"	-00°00'00"	01°00'30"	0.989
18/11/2047 00:00:00	♁	02°06'35" ♏	-23°30'19"	-02°59'16"	15°15'23"	0.002
18/11/2047 00:00:00	♁	15°09'09" ♎	-15°21'48"	01°03'33"	01°35'48"	1.346
18/11/2047 00:00:00	♁	11°49'52" ♎	-03°03'03"	01°45'57"	01°08'52"	0.935
18/11/2047 00:00:00	♁	06°19'49" ♎	-01°15'51"	01°21'34"	00°36'22"	2.133
18/11/2047 00:00:00	♁	19°56'40" ♏	16°31'33"	-01°14'28"	-00°08'05"	4.009
18/11/2047 00:00:00	♁	02°23'15" ♏	-22°41'15"	00°43'27"	00°06'08"	10.819
18/11/2047 00:00:00	♁	10°47'32" ♎	08°13'09"	00°45'29"	00°01'34"	18.537
18/11/2047 00:00:00	♁	20°03'15" ♏	16°00'29"	-01°48'30"	-00°01'40"	28.832
18/11/2047 00:00:00	♁	04°31'31" ♏	-21°17'55"	-12°20'35"	-00°00'00"	40.777
18/11/2047 00:00:00	♁	07°24'30" ♏	-23°13'34"	00°00'00"	-00°04'33"	0.002
18/11/2047 00:00:00	♁	03°48'09" ♎	-12°38'07"	00°09'21"	00°08'13"	9.544
18/11/2047 00:00:00	♁	21°38'22" ♏	21°49'39"	03°47'27"	00°06'41"	0.003

Ephemerides year 2047

18/11/2047 00:00:00	T♄	07°24'30" ♏	-23°13'34"	00°00'00"	-00°04'33"	0.002
18/11/2047 00:00:00	T♄	22°00'28" ♏	21°49'04"	03°40'48"	-01°53'28"	0.003
18/11/2047 00:00:00	X	00°04'27" ♏	05°45'31"	-06°07'11"	-00°00'32"	92.294
18/11/2047 00:00:00	Y	16°38'42" ♏	11°33'23"	-11°15'33"	-00°00'36"	77.554
19/11/2047 00:00:00	♁	26°33'56" ♏	-19°22'56"	00°00'00"	01°00'32"	0.989
19/11/2047 00:00:00	♂	17°16'09" ♏	-24°35'45"	01°46'47"	15°02'10"	0.002
19/11/2047 00:00:00	♀	16°44'57" ♏	-15°55'43"	00°56'51"	01°35'48"	1.358
19/11/2047 00:00:00	♀	12°58'50" ♏	-03°27'40"	01°48'20"	01°09'03"	0.942
19/11/2047 00:00:00	♂	06°56'11" ♏	-01°30'09"	01°21'38"	00°36'20"	2.126
19/11/2047 00:00:00	♃	19°48'35" ♏	16°29'31"	-01°14'20"	-00°08'03"	4.012
19/11/2047 00:00:00	♃	02°29'25" ♏	-22°41'15"	00°43'20"	00°06'11"	10.829
19/11/2047 00:00:00	♃	10°49'06" ♏	08°12'36"	00°45'31"	00°01'31"	18.520
19/11/2047 00:00:00	♃	20°01'34" ♏	16°00'03"	-01°48'30"	-00°01'40"	28.834
19/11/2047 00:00:00	♃	04°31'32" ♏	-21°17'40"	-12°20'19"	00°00'01"	40.794
19/11/2047 00:00:00	♁	07°20'57" ♏	-23°13'46"	00°00'00"	-00°02'31"	0.002
19/11/2047 00:00:00	♁	03°56'22" ♏	-12°40'36"	00°09'40"	00°08'11"	9.539
19/11/2047 00:00:00	♁	21°45'03" ♏	21°50'50"	03°46'51"	00°06'41"	0.003
19/11/2047 00:00:00	T♄	07°20'57" ♏	-23°13'46"	00°00'00"	-00°02'31"	0.002
19/11/2047 00:00:00	T♄	19°59'09" ♏	21°23'56"	03°48'33"	-02°11'21"	0.003

Ephemerides year 2047

19/11/2047 00:00:00	X	00°03'55" 	05°45'23"	-06°07'07"	-00°00'32"	92.302
19/11/2047 00:00:00	Y	16°38'05" 	11°33'17"	-11°15'36"	-00°00'37"	77.548
20/11/2047 00:00:00		27°34'29" 	-19°36'49"	00°00'00"	01°00'33"	0.988
20/11/2047 00:00:00		02°08'15" 	-23°53'08"	0-00°28'10"	14°40'56"	0.002
20/11/2047 00:00:00		18°20'45" 	-16°29'00"	00°50'05"	01°35'45"	1.369
20/11/2047 00:00:00		14°07'58" 	-03°52'21"	01°50'36"	01°09'13"	0.949
20/11/2047 00:00:00		07°32'30" 	-01°44'26"	01°21'42"	00°36'18"	2.118
20/11/2047 00:00:00		19°40'33" 	16°27'30"	-01°14'11"	-00°08'00"	4.014
20/11/2047 00:00:00		02°35'37" 	-22°41'14"	00°43'14"	00°06'13"	10.838
20/11/2047 00:00:00		10°50'36" 	08°12'04"	00°45'34"	00°01'28"	18.504
20/11/2047 00:00:00		19°59'53" 	15°59'37"	-01°48'29"	-00°01'40"	28.836
20/11/2047 00:00:00		04°31'34" 	-21°17'24"	-12°20'03"	00°00'03"	40.812
20/11/2047 00:00:00		07°19'25" 	-23°13'51"	00°00'00"	-00°00'35"	0.002
20/11/2047 00:00:00		04°04'32" 	-12°43'05"	00°09'58"	00°08'09"	9.533
20/11/2047 00:00:00		21°51'45" 	21°52'01"	03°46'15"	00°06'41"	0.003
20/11/2047 00:00:00	TΩ	07°19'25" 	-23°13'51"	00°00'00"	-00°00'35"	0.002
20/11/2047 00:00:00	T♄	17°35'50" 	20°52'20"	03°57'28"	-02°34'46"	0.003
20/11/2047 00:00:00	X	00°03'22" 	05°45'16"	-06°07'03"	-00°00'32"	92.310
20/11/2047 00:00:00	Y	16°37'28" 	11°33'11"	-11°15'38"	-00°00'37"	77.542

Ephemerides year 2047

21/11/2047 00:00:00	♁	28°35'04" ♎	-19°50'21"	00°00'00"	01°00'35"	0.988
21/11/2047 00:00:00	♃	16°36'26" ♏	-21°34'06"	00°50'21"	14°14'53"	0.002
21/11/2047 00:00:00	♆	19°56'29" ♎	-17°01'35"	00°43'14"	01°35'41"	1.379
21/11/2047 00:00:00	♀	15°17'17" ♏	-04°17'04"	01°52'45"	01°09'22"	0.956
21/11/2047 00:00:00	♂	08°08'48" ♏	-01°58'40"	01°21'46"	00°36'16"	2.110
21/11/2047 00:00:00	♃	19°32'34" ♏	16°25'30"	-01°14'03"	-00°07'58"	4.017
21/11/2047 00:00:00	♅	02°41'53" ♏	-22°41'13"	00°43'08"	00°06'16"	10.848
21/11/2047 00:00:00	♁	10°52'03" ♎	08°11'33"	00°45'36"	00°01'25"	18.487
21/11/2047 00:00:00	♆	19°58'13" ♏	15°59'11"	-01°48'28"	-00°01'40"	28.839
21/11/2047 00:00:00	♃	04°31'38" ♏	-21°17'08"	-12°19'47"	00°00'04"	40.829
21/11/2047 00:00:00	♁	07°19'36" ♏	-23°13'50"	00°00'00"	00°00'51"	0.002
21/11/2047 00:00:00	♆	04°12'40" ♎	-12°45'32"	00°10'16"	00°08'07"	9.526
21/11/2047 00:00:00	♁	21°58'26" ♏	21°53'12"	03°45'39"	00°06'41"	0.003
21/11/2047 00:00:00	♁	07°19'36" ♏	-23°13'50"	00°00'00"	00°00'51"	0.002
21/11/2047 00:00:00	♃	14°53'43" ♏	20°14'03"	04°07'06"	-02°45'56"	0.003
21/11/2047 00:00:00	X	00°02'51" ♏	05°45'08"	-06°06'59"	-00°00'31"	92.318
21/11/2047 00:00:00	Y	16°36'50" ♏	11°33'06"	-11°15'40"	-00°00'37"	77.536
22/11/2047 00:00:00	♁	29°35'39" ♎	-20°03'31"	00°00'00"	01°00'36"	0.988
22/11/2047 00:00:00	♃	00°37'31" ♏	-18°00'03"	02°03'31"	13°47'13"	0.003

Ephemerides year 2047

22/11/2047 00:00:00	♀	21°32'07" ♍	-17°33'26"	00°36'21"	01°35'35"	1.388
22/11/2047 00:00:00	♀	16°26'44" ♋	-04°41'50"	01°54'47"	01°09'32"	0.964
22/11/2047 00:00:00	♂	08°45'03" ♋	-02°12'53"	01°21'50"	00°36'14"	2.102
22/11/2047 00:00:00	♃	19°24'37" ♉	16°23'30"	-01°13'53"	-00°07'54"	4.020
22/11/2047 00:00:00	♃	02°48'11" ♉	-22°41'12"	00°43'01"	00°06'19"	10.857
22/11/2047 00:00:00	♃	10°53'27" ♉	08°11'04"	00°45'39"	00°01'22"	18.470
22/11/2047 00:00:00	♃	19°56'33" ♉	15°58'45"	-01°48'27"	-00°01'39"	28.842
22/11/2047 00:00:00	♃	04°31'44" ♉	-21°16'51"	-12°19'31"	00°00'06"	40.847
22/11/2047 00:00:00	♃	07°20'53" ♉	-23°13'46"	00°00'00"	00°01'32"	0.002
22/11/2047 00:00:00	♃	04°20'46" ♉	-12°47'59"	00°10'34"	00°08'05"	9.520
22/11/2047 00:00:00	♃	22°05'07" ♉	21°54'23"	03°45'03"	00°06'41"	0.003
22/11/2047 00:00:00	T♃	07°20'53" ♉	-23°13'46"	00°00'00"	00°01'32"	0.002
22/11/2047 00:00:00	T♃	12°12'54" ♉	19°33'27"	04°16'05"	-02°30'42"	0.003
22/11/2047 00:00:00	X	00°02'19" ♉	05°45'01"	-06°06'55"	-00°00'31"	92.326
22/11/2047 00:00:00	Y	16°36'12" ♉	11°33'00"	-11°15'42"	-00°00'37"	77.531
23/11/2047 00:00:00	♃	00°36'16" ♉	-20°16'19"	00°00'00"	01°00'37"	0.988
23/11/2047 00:00:00	♃	14°11'13" ♉	-13°34'40"	03°07'19"	13°20'30"	0.003
23/11/2047 00:00:00	♀	23°07'39" ♍	-18°04'30"	00°29'26"	01°35'28"	1.397
23/11/2047 00:00:00	♀	17°36'21" ♋	-05°06'37"	01°56'41"	01°09'41"	0.971

Ephemerides year 2047

23/11/2047 00:00:00	♂	09°21'16" ♄	-02°27'04"	01°21'53"	00°36'11"	2.094
23/11/2047 00:00:00	♃	19°16'44" ♂	16°21'32"	-01°13'44"	-00°07'50"	4.023
23/11/2047 00:00:00	♅	02°54'31" ♁	-22°41'10"	00°42'55"	00°06'21"	10.866
23/11/2047 00:00:00	♁	10°54'48" ♃	08°10'36"	00°45'42"	00°01'19"	18.453
23/11/2047 00:00:00	♃	19°54'54" ♂	15°58'19"	-01°48'27"	-00°01'39"	28.845
23/11/2047 00:00:00	♁	04°31'50" ♃	-21°16'34"	-12°19'15"	00°00'07"	40.864
23/11/2047 00:00:00	♁	07°22'25" ♁	-23°13'41"	00°00'00"	00°01'22"	0.002
23/11/2047 00:00:00	♃	04°28'50" ♃	-12°50'24"	00°10'53"	00°08'02"	9.513
23/11/2047 00:00:00	♁	22°11'49" ♂	21°55'33"	03°44'26"	00°06'41"	0.003
23/11/2047 00:00:00	♁♁	07°22'25" ♁	-23°13'41"	00°00'00"	00°01'22"	0.002
23/11/2047 00:00:00	♁♁	10°01'37" ♂	18°58'26"	04°22'58"	-01°47'58"	0.003
23/11/2047 00:00:00	X	00°01'47" ♂	05°44'55"	-06°06'50"	-00°00'31"	92.334
23/11/2047 00:00:00	Y	16°35'34" ♃	11°32'54"	-11°15'44"	-00°00'38"	77.525
24/11/2047 00:00:00	♁	01°36'54" ♂	-20°28'45"	00°00'00"	01°00'38"	0.987
24/11/2047 00:00:00	♁	27°19'26" ♃	-08°38'59"	03°59'11"	12°56'30"	0.003
24/11/2047 00:00:00	♁	24°43'04" ♃	-18°34'45"	00°22'31"	01°35'21"	1.405
24/11/2047 00:00:00	♀	18°46'07" ♄	-05°31'25"	01°58'29"	01°09'50"	0.978
24/11/2047 00:00:00	♂	09°57'27" ♄	-02°41'12"	01°21'56"	00°36'09"	2.087
24/11/2047 00:00:00	♃	19°08'55" ♂	16°19'34"	-01°13'34"	-00°07'46"	4.027

Ephemerides year 2047

24/11/2047 00:00:00	♃	03°00'53" ♁	-22°41'07"	00°42'49"	00°06'23"	10.874
24/11/2047 00:00:00	♅	10°56'05" ♃	08°10'09"	00°45'44"	00°01'15"	18.436
24/11/2047 00:00:00	♆	19°53'14" ♁	15°57'54"	-01°48'26"	-00°01'38"	28.849
24/11/2047 00:00:00	♁	04°31'59" ♃	-21°16'16"	-12°18'59"	00°00'09"	40.882
24/11/2047 00:00:00	♁	07°23'23" ♁	-23°13'38"	00°00'00"	00°00'27"	0.002
24/11/2047 00:00:00	♃	04°36'52" ♃	-12°52'49"	00°11'11"	00°08'00"	9.506
24/11/2047 00:00:00	♁	22°18'30" ♁	21°56'43"	03°43'50"	00°06'41"	0.003
24/11/2047 00:00:00	♁	07°23'23" ♁	-23°13'38"	00°00'00"	00°00'27"	0.002
24/11/2047 00:00:00	♁	08°42'25" ♁	18°36'30"	04°26'53"	-00°48'58"	0.003
24/11/2047 00:00:00	X	00°01'16" ♁	05°44'48"	-06°06'46"	-00°00'30"	92.343
24/11/2047 00:00:00	Y	16°34'56" ♃	11°32'49"	-11°15'46"	-00°00'38"	77.521
25/11/2047 00:00:00	♁	02°37'33" ♃	-20°40'47"	00°00'00"	01°00'39"	0.987
25/11/2047 00:00:00	♃	10°05'29" ♃	-03°29'44"	04°37'34"	12°36'13"	0.003
25/11/2047 00:00:00	♃	26°18'22" ♃	-19°04'08"	00°15'37"	01°35'13"	1.412
25/11/2047 00:00:00	♁	19°56'02" ♃	-05°56'13"	02°00'10"	01°09'59"	0.985
25/11/2047 00:00:00	♁	10°33'35" ♃	-02°55'19"	01°21'59"	00°36'07"	2.079
25/11/2047 00:00:00	♁	19°01'11" ♁	16°17'38"	-01°13'24"	-00°07'42"	4.031
25/11/2047 00:00:00	♃	03°07'18" ♁	-22°41'05"	00°42'43"	00°06'26"	10.883
25/11/2047 00:00:00	♅	10°57'19" ♃	08°09'43"	00°45'47"	00°01'12"	18.419

Ephemerides year 2047

25/11/2047 00:00:00	♁	19°51'36" ♂	15°57'28"	-01°48'25"	-00°01'38"	28.853
25/11/2047 00:00:00	♁	04°32'09" ♀	-21°15'57"	-12°18'43"	00°00'10"	40.900
25/11/2047 00:00:00	♁	07°23'11" ♂	-23°13'38"	00°00'00"	-00°00'57"	0.002
25/11/2047 00:00:00	♁	04°44'51" ♀	-12°55'12"	00°11'29"	00°07'58"	9.499
25/11/2047 00:00:00	♁	22°25'11" ♂	21°57'52"	03°43'13"	00°06'41"	0.003
25/11/2047 00:00:00	♁	07°23'11" ♂	-23°13'38"	00°00'00"	-00°00'57"	0.002
25/11/2047 00:00:00	♁	08°24'10" ♂	18°31'19"	04°27'43"	00°11'41"	0.003
25/11/2047 00:00:00	X	00°00'46" ♂	05°44'41"	-06°06'42"	-00°00'30"	92.352
25/11/2047 00:00:00	Y	16°34'17" ♀	11°32'44"	-11°15'48"	-00°00'38"	77.516
26/11/2047 00:00:00	♁	03°38'13" ♀	-20°52'27"	00°00'00"	01°00'40"	0.987
26/11/2047 00:00:00	♁	22°33'15" ♀	01°40'05"	05°01'48"	12°19'59"	0.003
26/11/2047 00:00:00	♁	27°53'31" ♀	-19°32'36"	00°08'44"	01°35'05"	1.419
26/11/2047 00:00:00	♁	21°06'06" ♀	-06°21'00"	02°01'43"	01°10'08"	0.992
26/11/2047 00:00:00	♁	11°09'42" ♀	-03°09'23"	01°22'02"	00°36'05"	2.070
26/11/2047 00:00:00	♁	18°53'31" ♂	16°15'43"	-01°13'14"	-00°07'37"	4.035
26/11/2047 00:00:00	♁	03°13'46" ♂	-22°41'01"	00°42'37"	00°06'28"	10.891
26/11/2047 00:00:00	♁	10°58'30" ♀	08°09'18"	00°45'49"	00°01'09"	18.402
26/11/2047 00:00:00	♁	19°49'57" ♂	15°57'03"	-01°48'24"	-00°01'38"	28.857
26/11/2047 00:00:00	♁	04°32'20" ♀	-21°15'38"	-12°18'27"	00°00'12"	40.917

Ephemerides year 2047

26/11/2047 00:00:00	♁	07°21'25" ♁	-23°13'44"	00°00'00"	-00°02'34"	0.002
26/11/2047 00:00:00	♋	04°52'48" ♋	-12°57'35"	00°11'48"	00°07'55"	9.492
26/11/2047 00:00:00	♌	22°31'52" ♁	21°59'01"	03°42'36"	00°06'41"	0.003
26/11/2047 00:00:00	T♁	07°21'25" ♁	-23°13'44"	00°00'00"	-00°02'34"	0.002
26/11/2047 00:00:00	T♌	09°02'47" ♁	18°42'05"	04°25'46"	01°03'31"	0.003
26/11/2047 00:00:00	X	00°00'15" ♁	05°44'35"	-06°06'37"	-00°00'30"	92.361
26/11/2047 00:00:00	Y	16°33'38" ♀	11°32'39"	-11°15'50"	-00°00'38"	77.512
27/11/2047 00:00:00	♊	04°38'54" ♁	-21°03'43"	00°00'00"	01°00'41"	0.987
27/11/2047 00:00:00	♋	04°46'48" ♁	06°40'01"	05°11'46"	12°07'44"	0.003
27/11/2047 00:00:00	♌	29°28'32" ♋	-20°00'10"	00°01'52"	01°34'57"	1.425
27/11/2047 00:00:00	♍	22°16'18" ♁	-06°45'45"	02°03'10"	01°10'16"	0.999
27/11/2047 00:00:00	♎	11°45'46" ♁	-03°23'26"	01°22'05"	00°36'03"	2.062
27/11/2047 00:00:00	♏	18°45'55" ♁	16°13'49"	-01°13'03"	-00°07'32"	4.040
27/11/2047 00:00:00	♐	03°20'15" ♁	-22°40'58"	00°42'31"	00°06'30"	10.899
27/11/2047 00:00:00	♑	10°59'38" ♋	08°08'55"	00°45'52"	00°01'06"	18.385
27/11/2047 00:00:00	♒	19°48'20" ♁	15°56'38"	-01°48'23"	-00°01'37"	28.861
27/11/2047 00:00:00	♓	04°32'33" ♁	-21°15'19"	-12°18'11"	00°00'13"	40.935
27/11/2047 00:00:00	♁	07°18'05" ♁	-23°13'55"	00°00'00"	-00°04'03"	0.002
27/11/2047 00:00:00	♋	05°00'43" ♋	-12°59'56"	00°12'06"	00°07'53"	9.484

Ephemerides year 2047

27/11/2047 00:00:00	☾	22°38'33" ♂	22°00'10"	03°41'59"	00°06'41"	0.003
27/11/2047 00:00:00	♄	07°18'05" ♀	-23°13'55"	00°00'00"	-00°04'03"	0.002
27/11/2047 00:00:00	♄	10°26'40" ♂	19°05'04"	04°21'30"	01°41'52"	0.003
27/11/2047 00:00:00	X	29°59'45" ♀	05°44'29"	-06°06'33"	-00°00'29"	92.371
27/11/2047 00:00:00	Y	16°32'59" ♀	11°32'34"	-11°15'51"	-00°00'39"	77.508
28/11/2047 00:00:00	☉	05°39'37" ♂	-21°14'36"	00°00'00"	01°00'42"	0.987
28/11/2047 00:00:00	☾	16°49'57" ♀	11°20'43"	05°07'44"	11°59'07"	0.003
28/11/2047 00:00:00	♁	01°03'25" ♂	-20°26'45"	-00°04'55"	01°34'49"	1.430
28/11/2047 00:00:00	♀	23°26'39" ♀	-07°10'28"	02°04'30"	01°10'24"	1.006
28/11/2047 00:00:00	♂	12°21'48" ♀	-03°37'26"	01°22'07"	00°36'01"	2.054
28/11/2047 00:00:00	♃	18°38'26" ♂	16°11'57"	-01°12'52"	-00°07'27"	4.045
28/11/2047 00:00:00	♅	03°26'47" ♀	-22°40'54"	00°42'25"	00°06'32"	10.907
28/11/2047 00:00:00	♁	11°00'42" ♀	08°08'33"	00°45'55"	00°01'02"	18.367
28/11/2047 00:00:00	♁	19°46'43" ♂	15°56'13"	-01°48'22"	-00°01'36"	28.866
28/11/2047 00:00:00	♁	04°32'48" ♀	-21°14'58"	-12°17'55"	00°00'15"	40.952
28/11/2047 00:00:00	♄	07°13'26" ♀	-23°14'10"	00°00'00"	-00°05'08"	0.002
28/11/2047 00:00:00	♁	05°08'35" ♀	-13°02'16"	00°12'25"	00°07'50"	9.476
28/11/2047 00:00:00	☾	22°45'14" ♂	22°01'18"	03°41'22"	00°06'41"	0.003
28/11/2047 00:00:00	♄	07°13'26" ♀	-23°14'10"	00°00'00"	-00°05'08"	0.002

Ephemerides year 2047

28/11/2047 00:00:00	T♄	12°21'59" ♂	19°35'40"	04°15'26"	02°06'41"	0.003
28/11/2047 00:00:00	X	29°59'15" ♀	05°44'23"	-06°06'29"	-00°00'29"	92.381
28/11/2047 00:00:00	Y	16°32'20" ♀	11°32'29"	-11°15'52"	-00°00'39"	77.504
29/11/2047 00:00:00	☉	06°40'20" ♂	-21°25'04"	00°00'00"	01°00'44"	0.987
29/11/2047 00:00:00	☾	28°46'06" ♀	15°33'06"	04°50'20"	11°53'38"	0.003
29/11/2047 00:00:00	♁	02°38'11" ♂	-20°52'22"	-00°11'39"	01°34'42"	1.435
29/11/2047 00:00:00	♂	24°37'08" ♀	-07°35'08"	02°05'42"	01°10'32"	1.013
29/11/2047 00:00:00	♂	12°57'49" ♀	-03°51'23"	01°22'10"	00°35'59"	2.046
29/11/2047 00:00:00	♃	18°31'01" ♂	16°10'06"	-01°12'40"	-00°07'21"	4.050
29/11/2047 00:00:00	♄	03°33'21" ♀	-22°40'49"	00°42'19"	00°06'34"	10.915
29/11/2047 00:00:00	♅	11°01'43" ♀	08°08'12"	00°45'57"	00°00'59"	18.350
29/11/2047 00:00:00	♆	19°45'06" ♂	15°55'49"	-01°48'20"	-00°01'36"	28.871
29/11/2047 00:00:00	♇	04°33'04" ♀	-21°14'38"	-12°17'40"	00°00'16"	40.970
29/11/2047 00:00:00	♈	07°07'59" ♀	-23°14'28"	00°00'00"	-00°05'40"	0.002
29/11/2047 00:00:00	♉	05°16'24" ♀	-13°04'35"	00°12'43"	00°07'48"	9.468
29/11/2047 00:00:00	♊	22°51'55" ♂	22°02'26"	03°40'45"	00°06'41"	0.003
29/11/2047 00:00:00	T♈	07°07'59" ♀	-23°14'28"	00°00'00"	-00°05'40"	0.002
29/11/2047 00:00:00	T♄	14°36'33" ♂	20°09'48"	04°08'02"	02°21'06"	0.003
29/11/2047 00:00:00	X	29°58'46" ♀	05°44'17"	-06°06'24"	-00°00'29"	92.391

Ephemerides year 2047

29/11/2047 00:00:00	Y	16°31'41" ♀	11°32'24"	-11°15'53"	-00°00'39"	77.501
30/11/2047 00:00:00	☉	07°41'05" ♀	-21°35'09"	00°00'00"	01°00'45"	0.986
30/11/2047 00:00:00	☾	10°38'08" ♀	19°07'47"	04°20'31"	11°50'49"	0.003
30/11/2047 00:00:00	♁	04°12'51" ♀	-21°16'57"	-00°18'19"	01°34'36"	1.439
30/11/2047 00:00:00	♂	25°47'45" ♀	-07°59'44"	02°06'48"	01°10'40"	1.020
30/11/2047 00:00:00	♂	13°33'47" ♀	-04°05'18"	01°22'12"	00°35'56"	2.038
30/11/2047 00:00:00	♃	18°23'43" ♀	16°08'17"	-01°12'29"	-00°07'14"	4.055
30/11/2047 00:00:00	♄	03°39'57" ♀	-22°40'44"	00°42'13"	00°06'36"	10.922
30/11/2047 00:00:00	♅	11°02'41" ♀	08°07'53"	00°46'00"	00°00'56"	18.333
30/11/2047 00:00:00	♆	19°43'30" ♀	15°55'24"	-01°48'19"	-00°01'35"	28.876
30/11/2047 00:00:00	♇	04°33'22" ♀	-21°14'16"	-12°17'24"	00°00'18"	40.988
30/11/2047 00:00:00	♈	07°02'19" ♀	-23°14'46"	00°00'00"	-00°05'33"	0.002
30/11/2047 00:00:00	♉	05°24'11" ♀	-13°06'53"	00°13'02"	00°07'45"	9.460
30/11/2047 00:00:00	♊	22°58'36" ♀	22°03'34"	03°40'08"	00°06'41"	0.003
30/11/2047 00:00:00	T♋	07°02'19" ♀	-23°14'46"	00°00'00"	-00°05'33"	0.002
30/11/2047 00:00:00	T♌	17°02'39" ♀	20°44'52"	03°59'38"	02°30'52"	0.003
30/11/2047 00:00:00	X	29°58'17" ♀	05°44'11"	-06°06'19"	-00°00'28"	92.401
30/11/2047 00:00:00	Y	16°31'01" ♀	11°32'19"	-11°15'54"	-00°00'39"	77.498
01/12/2047 00:00:00	☉	08°41'51" ♀	-21°44'48"	00°00'00"	01°00'46"	0.986

Ephemerides year 2047

01/12/2047 00:00:00	♃	22°28'28" ♄	21°55'10"	03°39'31"	11°50'12"	0.003
01/12/2047 00:00:00	♆	05°47'24" ♀	-21°40'30"	-00°24'55"	01°34'30"	1.443
01/12/2047 00:00:00	♀	26°58'29" ♄	-08°24'16"	02°07'48"	01°10'48"	1.027
01/12/2047 00:00:00	♂	14°09'42" ♄	-04°19'11"	01°22'13"	00°35'54"	2.029
01/12/2047 00:00:00	♃	18°16'32" ♄	16°06'29"	-01°12'17"	-00°07'08"	4.061
01/12/2047 00:00:00	♄	03°46'34" ♄	-22°40'39"	00°42'07"	00°06'38"	10.929
01/12/2047 00:00:00	♅	11°03'36" ♄	08°07'34"	00°46'03"	00°00'53"	18.316
01/12/2047 00:00:00	♆	19°41'55" ♄	15°55'00"	-01°48'18"	-00°01'34"	28.882
01/12/2047 00:00:00	♁	04°33'41" ♃	-21°13'54"	-12°17'08"	00°00'20"	41.005
01/12/2047 00:00:00	♁	06°57'03" ♄	-23°15'03"	00°00'00"	-00°04'52"	0.002
01/12/2047 00:00:00	♂	05°31'55" ♄	-13°09'10"	00°13'21"	00°07'42"	9.452
01/12/2047 00:00:00	♁	23°05'18" ♄	22°04'41"	03°39'31"	00°06'41"	0.003
01/12/2047 00:00:00	♁	06°57'03" ♄	-23°15'03"	00°00'00"	-00°04'52"	0.002
01/12/2047 00:00:00	♁	19°39'05" ♄	21°20'03"	03°50'14"	02°42'57"	0.003
01/12/2047 00:00:00	X	29°57'49" ♄	05°44'06"	-06°06'15"	-00°00'28"	92.411
01/12/2047 00:00:00	Y	16°30'22" ♄	11°32'15"	-11°15'55"	-00°00'39"	77.495
02/12/2047 00:00:00	♁	09°42'38" ♀	-21°54'03"	00°00'00"	01°00'47"	0.986
02/12/2047 00:00:00	♃	04°19'11" ♄	23°46'09"	02°48'59"	11°51'31"	0.003
02/12/2047 00:00:00	♆	07°21'51" ♀	-22°03'00"	-00°31'24"	01°34'24"	1.446

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02/12/2047 00:00:00	♀	28°09'22" ♁	-08°48'42"	02°08'40"	01°10'56"	1.033
02/12/2047 00:00:00	♂	14°45'36" ♁	-04°33'01"	01°22'15"	00°35'52"	2.021
02/12/2047 00:00:00	♃	18°09'26" ♂r	16°04'44"	-01°12'05"	-00°07'01"	4.067
02/12/2047 00:00:00	♅	03°53'14" ♁	-22°40'33"	00°42'01"	00°06'40"	10.936
02/12/2047 00:00:00	♁	11°04'27" ♁	08°07'17"	00°46'05"	00°00'49"	18.298
02/12/2047 00:00:00	♃	19°40'21" ♂r	15°54'36"	-01°48'16"	-00°01'33"	28.888
02/12/2047 00:00:00	♁	04°34'02" ♁	-21°13'32"	-12°16'52"	00°00'21"	41.023
02/12/2047 00:00:00	♁	06°52'42" ♂r	-23°15'16"	00°00'00"	-00°03'44"	0.002
02/12/2047 00:00:00	♁	05°39'37" ♁	-13°11'26"	00°13'39"	00°07'40"	9.443
02/12/2047 00:00:00	♁	23°11'59" ♂	22°05'48"	03°38'53"	00°06'41"	0.003
02/12/2047 00:00:00	T♁	06°52'42" ♂r	-23°15'16"	00°00'00"	-00°03'44"	0.002
02/12/2047 00:00:00	T♁	22°31'11" ♂	21°55'46"	03°39'25"	03°02'43"	0.003
02/12/2047 00:00:00	X	29°57'21" ♀r	05°44'01"	-06°06'10"	-00°00'27"	92.422
02/12/2047 00:00:00	Y	16°29'42" ♀r	11°32'10"	-11°15'56"	-00°00'39"	77.493
03/12/2047 00:00:00	♁	10°43'26" ♂	-22°02'53"	00°00'00"	01°00'48"	0.986
03/12/2047 00:00:00	♁	16°12'07" ♁	24°33'22" ♁	01°50'51"	11°54'38"	0.003
03/12/2047 00:00:00	♁	08°56'14" ♂	-22°24'23"	-00°37'47"	01°34'20"	1.448
03/12/2047 00:00:00	♀	29°20'21" ♁	-09°13'02"	02°09'26"	01°11'03"	1.040
03/12/2047 00:00:00	♂	15°21'28" ♁	-04°46'48"	01°22'17"	00°35'50"	2.013

Ephemerides year 2047

03/12/2047 00:00:00	♃	18°02'28" ♉r	16°03'00"	-01°11'52"	-00°06'54"	4.073
03/12/2047 00:00:00	♅	03°59'56" ♋	-22°40'27"	00°41'56"	00°06'42"	10.943
03/12/2047 00:00:00	♁	11°05'15" ♈	08°07'02"	00°46'08"	00°00'46"	18.281
03/12/2047 00:00:00	♆	19°38'48" ♉r	15°54'13"	-01°48'15"	-00°01'33"	28.894
03/12/2047 00:00:00	♁	04°34'25" ♈	-21°13'09"	-12°16'36"	00°00'23"	41.040
03/12/2047 00:00:00	♁	06°49'39" ♋r	-23°15'26"	00°00'00"	-00°02'20"	0.002
03/12/2047 00:00:00	♁	05°47'15" ♈	-13°13'40"	00°13'58"	00°07'37"	9.434
03/12/2047 00:00:00	♁	23°18'40" ♉	22°06'55"	03°38'16"	00°06'41"	0.003
03/12/2047 00:00:00	♁♁	06°49'39" ♋r	-23°15'26"	00°00'00"	-00°02'20"	0.002
03/12/2047 00:00:00	♁♁	25°47'06" ♉	22°32'25"	03°26'28"	03°29'55"	0.003
03/12/2047 00:00:00	X	29°56'54" ♈r	05°43'56"	-06°06'05"	-00°00'27"	92.433
03/12/2047 00:00:00	Y	16°29'02" ♈r	11°32'06"	-11°15'56"	-00°00'39"	77.491
04/12/2047 00:00:00	♁	11°44'15" ♈	-22°11'17"	00°00'00"	01°00'49"	0.986
04/12/2047 00:00:00	♁	28°09'05" ♈	24°12'38" ♁	00°47'25"	11°59'36"	0.003
04/12/2047 00:00:00	♁	10°30'33" ♈	-22°44'40"	-00°44'04"	01°34'17"	1.450
04/12/2047 00:00:00	♁	00°31'28" ♈	-09°37'15"	02°10'05"	01°11'10"	1.047
04/12/2047 00:00:00	♁	15°57'17" ♈	-05°00'33"	01°22'18"	00°35'48"	2.004
04/12/2047 00:00:00	♃	17°55'37" ♉r	16°01'19"	-01°11'39"	-00°06'47"	4.080
04/12/2047 00:00:00	♅	04°06'39" ♋	-22°40'20"	00°41'50"	00°06'44"	10.949

Ephemerides year 2047

04/12/2047 00:00:00	♃	11°06'00" ♎	08°06'47"	00°46'11"	00°00'43"	18.264
04/12/2047 00:00:00	♃	19°37'15" ♏	15°53'49"	-01°48'13"	-00°01'32"	28.901
04/12/2047 00:00:00	♃	04°34'49" ♏	-21°12'45"	-12°16'20"	00°00'24"	41.058
04/12/2047 00:00:00	♃	06°48'01" ♏	-23°15'31"	00°00'00"	-00°00'55"	0.002
04/12/2047 00:00:00	♃	05°54'51" ♎	-13°15'53"	00°14'17"	00°07'34"	9.425
04/12/2047 00:00:00	♃	23°25'21" ♏	22°08'01"	03°37'38"	00°06'41"	0.003
04/12/2047 00:00:00	♃	06°48'01" ♏	-23°15'31"	00°00'00"	-00°00'55"	0.002
04/12/2047 00:00:00	♃	29°31'10" ♏	23°08'51"	03°10'50"	03°57'22"	0.003
04/12/2047 00:00:00	X	29°56'27" ♏	05°43'51"	-06°06'00"	-00°00'26"	92.444
04/12/2047 00:00:00	Y	16°28'22" ♏	11°32'02"	-11°15'56"	-00°00'39"	77.489
05/12/2047 00:00:00	♃	12°45'06" ♏	-22°19'15"	00°00'00"	01°00'51"	0.986
05/12/2047 00:00:00	♃	10°12'01" ♏	22°43'46"	-00°18'45"	12°06'38"	0.003
05/12/2047 00:00:00	♃	12°04'48" ♏	-23°03'48"	-00°50'13"	01°34'14"	1.451
05/12/2047 00:00:00	♃	01°42'43" ♎	-10°01'20"	02°10'38"	01°11'17"	1.054
05/12/2047 00:00:00	♃	16°33'04" ♏	-05°14'15"	01°22'19"	00°35'46"	1.996
05/12/2047 00:00:00	♃	17°48'54" ♏	15°59'39"	-01°11'26"	-00°06'39"	4.087
05/12/2047 00:00:00	♃	04°13'25" ♏	-22°40'13"	00°41'45"	00°06'46"	10.955
05/12/2047 00:00:00	♃	11°06'42" ♎	08°06'34"	00°46'13"	00°00'39"	18.247
05/12/2047 00:00:00	♃	19°35'43" ♏	15°53'26"	-01°48'12"	-00°01'31"	28.908

Ephemerides year 2047

05/12/2047 00:00:00	♁	04°35'14" ♈	-21°12'21"	-12°16'05"	00°00'26"	41.075
05/12/2047 00:00:00	♁	06°47'45" ♈	-23°15'32"	00°00'00"	00°00'19"	0.002
05/12/2047 00:00:00	♁	06°02'24" ♎	-13°18'05"	00°14'36"	00°07'31"	9.416
05/12/2047 00:00:00	♁	23°32'02" ♋	22°09'06"	03°37'00"	00°06'41"	0.003
05/12/2047 00:00:00	♁	06°47'45" ♈	-23°15'32"	00°00'00"	00°00'19"	0.002
05/12/2047 00:00:00	♁	03°38'21" ♈	23°41'57" ♁	02°52'38"	04°14'25"	0.003
05/12/2047 00:00:00	X	29°56'00" ♎	05°43'47"	-06°05'55"	-00°00'26"	92.456
05/12/2047 00:00:00	Y	16°27'42" ♈	11°31'58"	-11°15'56"	-00°00'39"	77.487
06/12/2047 00:00:00	♁	13°45'57" ♈	-22°26'48"	00°00'00"	01°00'52"	0.985
06/12/2047 00:00:00	♁	22°23'10" ♎	20°10'39"	-01°24'56"	12°16'04"	0.003
06/12/2047 00:00:00	♁	13°39'02" ♈	-23°21'47"	-00°56'14"	01°34'13"	1.451
06/12/2047 00:00:00	♁	02°54'04" ♎	-10°25'16"	02°11'04"	01°11'24"	1.061
06/12/2047 00:00:00	♁	17°08'49" ♎	-05°27'54"	01°22'20"	00°35'43"	1.987
06/12/2047 00:00:00	♁	17°42'18" ♋	15°58'02"	-01°11'13"	-00°06'31"	4.094
06/12/2047 00:00:00	♁	04°20'11" ♈	-22°40'05"	00°41'39"	00°06'47"	10.961
06/12/2047 00:00:00	♁	11°07'20" ♎	08°06'22"	00°46'16"	00°00'36"	18.229
06/12/2047 00:00:00	♁	19°34'12" ♋	15°53'04"	-01°48'10"	-00°01'30"	28.915
06/12/2047 00:00:00	♁	04°35'41" ♈	-21°11'57"	-12°15'49"	00°00'27"	41.093
06/12/2047 00:00:00	♁	06°48'34" ♈	-23°15'29"	00°00'00"	00°01'13"	0.002

Ephemerides year 2047

06/12/2047 00:00:00	♁	06°09'54" ♎	-13°20'16"	00°14'55"	00°07'28"	9.407
06/12/2047 00:00:00	♁	23°38'43" ♉	22°10'12"	03°36'23"	00°06'41"	0.003
06/12/2047 00:00:00	♁	06°48'34" ♎	-23°15'29"	00°00'00"	00°01'13"	0.002
06/12/2047 00:00:00	♁	07°53'37" ♉	24°08'02" ♁	02°32'52"	04°12'28"	0.003
06/12/2047 00:00:00	X	29°55'34" ♎	05°43'42"	-06°05'51"	-00°00'25"	92.467
06/12/2047 00:00:00	Y	16°27'02" ♉	11°31'55"	-11°15'56"	-00°00'40"	77.486
07/12/2047 00:00:00	♁	14°46'50" ♎	-22°33'54"	-00°00'00"	01°00'53"	0.985
07/12/2047 00:00:00	♁	04°45'06" ♎	16°40'21"	-02°28'11"	12°28'17"	0.003
07/12/2047 00:00:00	♁	15°13'15" ♎	-23°38'34" ♁	-01°02'06"	01°34'12"	1.451
07/12/2047 00:00:00	♁	04°05'32" ♎	-10°49'03"	02°11'24"	01°11'31"	1.068
07/12/2047 00:00:00	♁	17°44'32" ♉	-05°41'30"	01°22'21"	00°35'41"	1.979
07/12/2047 00:00:00	♁	17°35'50" ♉	15°56'27"	-01°11'00"	-00°06'23"	4.102
07/12/2047 00:00:00	♁	04°27'00" ♎	-22°39'57"	00°41'34"	00°06'49"	10.967
07/12/2047 00:00:00	♁	11°07'54" ♎	08°06'11"	00°46'19"	00°00'32"	18.212
07/12/2047 00:00:00	♁	19°32'42" ♉	15°52'41"	-01°48'08"	-00°01'29"	28.922
07/12/2047 00:00:00	♁	04°36'10" ♎	-21°11'31"	-12°15'34"	00°00'29"	41.110
07/12/2047 00:00:00	♁	06°50'03" ♎	-23°15'25"	00°00'00"	00°01'39"	0.002
07/12/2047 00:00:00	♁	06°17'20" ♎	-13°22'25"	00°15'14"	00°07'24"	9.397
07/12/2047 00:00:00	♁	23°45'24" ♉	22°11'17"	03°35'45"	00°06'41"	0.003

Ephemerides year 2047

07/12/2047 00:00:00	T♄	06°50'03" ♄	-23°15'25"	00°00'00"	00°01'39"	0.002
07/12/2047 00:00:00	T♄	11°55'32" ♀	24°24'55" ♀	02°13'19"	03°47'23"	0.003
07/12/2047 00:00:00	X	29°55'09" ♄	05°43'38"	-06°05'46"	-00°00'25"	92.479
07/12/2047 00:00:00	Y	16°26'22" ♀	11°31'51"	-11°15'56"	-00°00'40"	77.485
08/12/2047 00:00:00	♁	15°47'45" ♄	-22°40'34"	-00°00'00"	01°00'54"	0.985
08/12/2047 00:00:00	♂	17°20'46" ♄	12°21'56"	-03°25'31"	12°43'34"	0.003
08/12/2047 00:00:00	♀	16°47'27" ♄	-23°54'09" ♀	-01°07'49"	01°34'12"	1.451
08/12/2047 00:00:00	♀	05°17'06" ♃	-11°12'40"	02°11'38"	01°11'37"	1.074
08/12/2047 00:00:00	♂	18°20'12" ♁	-05°55'02"	01°22'21"	00°35'38"	1.970
08/12/2047 00:00:00	♃	17°29'30" ♄	15°54'54"	-01°10'46"	-00°06'15"	4.109
08/12/2047 00:00:00	♃	04°33'50" ♄	-22°39'49"	00°41'28"	00°06'50"	10.972
08/12/2047 00:00:00	♃	11°08'26" ♃	08°06'02"	00°46'21"	00°00'29"	18.195
08/12/2047 00:00:00	♃	19°31'13" ♄	15°52'19"	-01°48'06"	-00°01'28"	28.930
08/12/2047 00:00:00	♁	04°36'40" ♃	-21°11'06"	-12°15'18"	00°00'30"	41.127
08/12/2047 00:00:00	♁	06°51'43" ♄	-23°15'19"	00°00'00"	00°01'36"	0.002
08/12/2047 00:00:00	♃	06°24'43" ♃	-13°24'33"	00°15'33"	00°07'21"	9.387
08/12/2047 00:00:00	♄	23°52'05" ♄	22°12'22"	03°35'06"	00°06'40"	0.003
08/12/2047 00:00:00	T♄	06°51'43" ♄	-23°15'19"	00°00'00"	00°01'36"	0.002
08/12/2047 00:00:00	T♄	15°20'37" ♀	24°33'10" ♀	01°56'12"	02°59'03"	0.003

Ephemerides year 2047

08/12/2047 00:00:00	X	29°54'44" ♄r	05°43'34"	-06°05'40"	-00°00'24"	92.491	
08/12/2047 00:00:00	Y	16°25'42" ♀r	11°31'48"	-11°15'56"	-00°00'40"	77.485	
09/12/2047 00:00:00	☉	16°48'40" ♄	-22°46'47"	-00°00'00"	01°00'55"	0.985	
09/12/2047 00:00:00	☾	00°13'19" ♃	07°25'37"	-04°13'52"	13°02'01"	0.003	
09/12/2047 00:00:00	♀	18°21'40" ♄	-24°08'30"	o-01°13'22"	01°34'13"	1.450	
09/12/2047 00:00:00	♀	06°28'47" ♃	-11°36'05"	02°11'45"	01°11'43"	1.081	
09/12/2047 00:00:00	♂	18°55'50" ♄	-06°08'32"	01°22'22"	00°35'36"	1.961	
09/12/2047 00:00:00	♃	17°23'19" ♄r	15°53'24"	-01°10'32"	-00°06'06"	4.117	
09/12/2047 00:00:00	♃	04°40'41" ♄	-22°39'40"	00°41'23"	00°06'52"	10.977	
09/12/2047 00:00:00	♃	11°08'53" ♃	08°05'54"	00°46'24"	00°00'26"	18.178	
09/12/2047 00:00:00	♃	19°29'45" ♄r	15°51'57"	-01°48'04"	-00°01'27"	28.938	
09/12/2047 00:00:00	♃	04°37'11" ♃	-21°10'40"	-12°15'03"	00°00'32"	41.145	
09/12/2047 00:00:00	♃	06°53'06" ♄	-23°15'15"	00°00'00"	00°01'06"	0.002	
09/12/2047 00:00:00	♃	06°32'03" ♃	-13°26'40"	00°15'52"	00°07'18"	9.377	
09/12/2047 00:00:00	♃	23°58'46" ♄	22°13'26"	03°34'28"	00°06'40"	0.003	
09/12/2047 00:00:00	T♃	06°53'06" ♄	-23°15'15"	00°00'00"	00°01'06"	0.002	
09/12/2047 00:00:00	T♃	17°46'55" ♀	24°35'37"	o	01°43'44"	01°50'36"	0.003
09/12/2047 00:00:00	X	29°54'19" ♄r	05°43'30"	-06°05'35"	-00°00'24"	92.504	
09/12/2047 00:00:00	Y	16°25'02" ♀r	11°31'45"	-11°15'55"	-00°00'40"	77.484	

Ephemerides year 2047

10/12/2047 00:00:00	☉	17°49'36" ♏	-22°52'34"	-00°00'00"	01°00'57"	0.985	
10/12/2047 00:00:00	☾	13°25'48" ♏	02°02'34"	-04°50'11"	13°23'20"	0.003	
10/12/2047 00:00:00	♀	19°55'55" ♏	-24°21'36"	○-01°18'44"	01°34'15"	1.448	
10/12/2047 00:00:00	♀	07°40'34" ♏	-11°59'19"	02°11'46"	01°11'49"	1.088	
10/12/2047 00:00:00	♂	19°31'25" ♏	-06°21'58"	01°22'22"	00°35'34"	1.953	
10/12/2047 00:00:00	♃	17°17'17" ♏	15°51'56"	-01°10'18"	-00°05'57"	4.126	
10/12/2047 00:00:00	♅	04°47'34" ♏	-22°39'30"	00°41'18"	00°06'53"	10.982	
10/12/2047 00:00:00	♁	11°09'18" ♏	08°05'47"	00°46'27"	00°00'22"	18.161	
10/12/2047 00:00:00	♃	19°28'18" ♏	15°51'36"	-01°48'03"	-00°01'26"	28.946	
10/12/2047 00:00:00	♁	04°37'44" ♏	-21°10'13"	-12°14'47"	00°00'33"	41.162	
10/12/2047 00:00:00	♁	06°53'50" ♏	-23°15'13"	00°00'00"	00°00'19"	0.002	
10/12/2047 00:00:00	♁	06°39'20" ♏	-13°28'45"	00°16'11"	00°07'14"	9.367	
10/12/2047 00:00:00	♁	24°05'27" ♏	22°14'30"	03°33'50"	00°06'40"	0.003	
10/12/2047 00:00:00	♁	06°53'50" ♏	-23°15'13"	00°00'00"	00°00'19"	0.002	
10/12/2047 00:00:00	♁	18°57'27" ♏	24°35'46"	○	01°37'38"	00°29'13"	0.003
10/12/2047 00:00:00	X	29°53'55" ♏	05°43'27"	-06°05'30"	-00°00'23"	92.516	
10/12/2047 00:00:00	Y	16°24'22" ♏	11°31'41"	-11°15'55"	-00°00'40"	77.484	
11/12/2047 00:00:00	☉	18°50'34" ♏	-22°57'53"	-00°00'00"	01°00'58"	0.985	
11/12/2047 00:00:00	☾	27°00'42" ♏	-03°34'37"	-05°11'33"	13°46'41"	0.003	

Ephemerides year 2047

11/12/2047 00:00:00	♀	21°30'12" ♄	-24°33'25" ♁	-01°23'56"	01°34'18"	1.446
11/12/2047 00:00:00	♀	08°52'26" ♃	-12°22'20"	02°11'42"	01°11'55"	1.094
11/12/2047 00:00:00	♂	20°06'58" ♁	-06°35'21"	01°22'22"	00°35'31"	1.944
11/12/2047 00:00:00	♃	17°11'24" ♄	15°50'31"	-01°10'03"	-00°05'48"	4.134
11/12/2047 00:00:00	♃	04°54'28" ♄	-22°39'20"	00°41'13"	00°06'54"	10.987
11/12/2047 00:00:00	♃	11°09'39" ♃	08°05'41"	00°46'29"	00°00'19"	18.144
11/12/2047 00:00:00	♀	19°26'52" ♄	15°51'15"	-01°48'01"	-00°01'25"	28.954
11/12/2047 00:00:00	♁	04°38'19" ♃	-21°09'46"	-12°14'32"	00°00'35"	41.179
11/12/2047 00:00:00	♁	06°53'42" ♄	-23°15'13"	00°00'00"	-00°00'34"	0.002
11/12/2047 00:00:00	♁	06°46'33" ♃	-13°30'49"	00°16'30"	00°07'11"	9.356
11/12/2047 00:00:00	♁	24°12'08" ♄	22°15'34"	03°33'12"	00°06'40"	0.003
11/12/2047 00:00:00	T♁	06°53'42" ♄	-23°15'13"	00°00'00"	-00°00'34"	0.002
11/12/2047 00:00:00	T♁	18°45'26" ♃	24°35'47" ♁	01°38'41"	-00°51'45"	0.003
11/12/2047 00:00:00	X	29°53'31" ♃	05°43'24"	-06°05'25"	-00°00'23"	92.529
11/12/2047 00:00:00	Y	16°23'42" ♃	11°31'38"	-11°15'54"	-00°00'40"	77.485
12/12/2047 00:00:00	♁	19°51'33" ♄	-23°02'45"	-00°00'00"	01°00'59"	0.985
12/12/2047 00:00:00	♁	10°59'23" ♁	-09°10'52"	-05°15'24"	14°10'36"	0.002
12/12/2047 00:00:00	♀	23°04'32" ♄	-24°43'57" ♁	-01°28'56"	01°34'22"	1.443
12/12/2047 00:00:00	♀	10°04'25" ♃	-12°45'07"	02°11'31"	01°12'01"	1.101

Ephemerides year 2047

12/12/2047 00:00:00	♂	20°42'28" ♈	-06°48'40"	01°22'22"	00°35'28"	1.935
12/12/2047 00:00:00	♃	17°05'40" ♉	15°49'08"	-01°09'48"	-00°05'39"	4.143
12/12/2047 00:00:00	♅	05°01'23" ♋	-22°39'10"	00°41'08"	00°06'55"	10.991
12/12/2047 00:00:00	♁	11°09'56" ♌	08°05'37"	00°46'32"	00°00'15"	18.126
12/12/2047 00:00:00	♆	19°25'27" ♍	15°50'54"	-01°47'59"	-00°01'24"	28.963
12/12/2047 00:00:00	♁	04°38'54" ♋	-21°09'19"	-12°14'17"	00°00'36"	41.196
12/12/2047 00:00:00	♁	06°52'44" ♋	-23°15'16"	00°00'00"	-00°01'21"	0.002
12/12/2047 00:00:00	♁	06°53'43" ♌	-13°32'51"	00°16'50"	00°07'07"	9.346
12/12/2047 00:00:00	♁	24°18'49" ♉	22°16'37"	03°32'33"	00°06'40"	0.003
12/12/2047 00:00:00	♁	06°52'44" ♋	-23°15'16"	00°00'00"	-00°01'21"	0.002
12/12/2047 00:00:00	♁	17°20'10" ♋	24°35'23" ♈	01°46'02"	-01°54'10"	0.003
12/12/2047 00:00:00	X	29°53'08" ♋	05°43'20"	-06°05'20"	-00°00'22"	92.542
12/12/2047 00:00:00	Y	16°23'01" ♋	11°31'36"	-11°15'53"	-00°00'40"	77.485
13/12/2047 00:00:00	♁	20°52'33" ♋	-23°07'10"	-00°00'00"	01°01'00"	0.985
13/12/2047 00:00:00	♁	25°21'24" ♈	-14°27'18"	-04°59'58"	14°32'56"	0.002
13/12/2047 00:00:00	♁	24°38'57" ♋	-24°53'09" ♈	-01°33'43"	01°34'27"	1.440
13/12/2047 00:00:00	♀	11°16'29" ♌	-13°07'41"	02°11'14"	01°12'06"	1.108
13/12/2047 00:00:00	♂	21°17'56" ♈	-07°01'56"	01°22'21"	00°35'26"	1.926
13/12/2047 00:00:00	♃	17°00'05" ♉	15°47'48"	-01°09'33"	-00°05'29"	4.152

Ephemerides year 2047

13/12/2047 00:00:00	♃	05°08'20" ♁	-22°38'59"	00°41'02"	00°06'57"	10.996
13/12/2047 00:00:00	♃	11°10'11" ♁	08°05'34"	00°46'35"	00°00'12"	18.109
13/12/2047 00:00:00	♃	19°24'03" ♁	15°50'33"	-01°47'56"	-00°01'23"	28.972
13/12/2047 00:00:00	♃	04°39'32" ♁	-21°08'51"	-12°14'02"	00°00'38"	41.213
13/12/2047 00:00:00	♃	06°51'05" ♁	-23°15'21"	00°00'00"	-00°01'51"	0.002
13/12/2047 00:00:00	♃	07°00'49" ♁	-13°34'52"	00°17'09"	00°07'04"	9.335
13/12/2047 00:00:00	♃	24°25'30" ♁	22°17'39"	03°31'55"	00°06'40"	0.003
13/12/2047 00:00:00	♃	06°51'05" ♁	-23°15'21"	00°00'00"	-00°01'51"	0.002
13/12/2047 00:00:00	♃	15°08'17" ♁	24°32'51" ○	01°57'17"	-02°23'35"	0.003
13/12/2047 00:00:00	X	29°52'45" ♁	05°43'18"	-06°05'15"	-00°00'22"	92.555
13/12/2047 00:00:00	Y	16°22'21" ♁	11°31'33"	-11°15'52"	-00°00'40"	77.486
14/12/2047 00:00:00	♃	21°53'35" ♁	-23°11'07"	-00°00'00"	01°01'01"	0.984
14/12/2047 00:00:00	♃	10°03'54" ♁	-19°00'52"	-04°24'46"	14°51'07"	0.002
14/12/2047 00:00:00	♃	26°13'27" ♁	-25°01'01" ○	-01°38'17"	01°34'32"	1.436
14/12/2047 00:00:00	♃	12°28'39" ♁	-13°29'58"	02°10'52"	01°12'12"	1.114
14/12/2047 00:00:00	♃	21°53'20" ♁	-07°15'08"	01°22'21"	00°35'23"	1.917
14/12/2047 00:00:00	♃	16°54'41" ♁	15°46'31"	-01°09'18"	-00°05'19"	4.161
14/12/2047 00:00:00	♃	05°15'17" ♁	-22°38'48"	00°40'58"	00°06'58"	11.000
14/12/2047 00:00:00	♃	11°10'21" ♁	08°05'32"	00°46'37"	00°00'09"	18.092

Ephemerides year 2047

14/12/2047 00:00:00	♁	19°22'41" ♉	15°50'13"	-01°47'54"	-00°01'21"	28.981
14/12/2047 00:00:00	♁	04°40'11" ♉	-21°08'22"	-12°13'47"	00°00'39"	41.230
14/12/2047 00:00:00	♁	06°49'08" ♉	-23°15'27"	00°00'00"	-00°01'59"	0.002
14/12/2047 00:00:00	♁	07°07'51" ♉	-13°36'51"	00°17'28"	00°07'00"	9.324
14/12/2047 00:00:00	♁	24°32'11" ♉	22°18'42"	03°31'16"	00°06'40"	0.003
14/12/2047 00:00:00	♁	06°49'08" ♉	-23°15'27"	00°00'00"	-00°01'59"	0.002
14/12/2047 00:00:00	♁	12°43'54" ♉	24°27'26" ♁	02°09'24"	-02°20'52"	0.003
14/12/2047 00:00:00	X	29°52'23" ♉	05°43'15"	-06°05'09"	-00°00'21"	92.568
14/12/2047 00:00:00	Y	16°21'41" ♉	11°31'30"	-11°15'51"	-00°00'39"	77.487
15/12/2047 00:00:00	♁	22°54'37" ♉	-23°14'36"	-00°00'00"	01°01'02"	0.984
15/12/2047 00:00:00	♁	25°01'25" ♉	-22°25'48"	-03°31'07"	15°02'37"	0.002
15/12/2047 00:00:00	♁	27°48'02" ♉	-25°07'31" ♁	-01°42'38"	01°34'38"	1.431
15/12/2047 00:00:00	♁	13°40'54" ♉	-13°52'00"	02°10'23"	01°12'17"	1.121
15/12/2047 00:00:00	♁	22°28'43" ♉	-07°28'17"	01°22'20"	00°35'20"	1.908
15/12/2047 00:00:00	♁	16°49'27" ♉	15°45'17"	-01°09'03"	-00°05'09"	4.171
15/12/2047 00:00:00	♁	05°22'16" ♉	-22°38'36"	00°40'53"	00°06'59"	11.003
15/12/2047 00:00:00	♁	11°10'29" ♉	08°05'32"	00°46'40"	00°00'05"	18.075
15/12/2047 00:00:00	♁	19°21'19" ♉	15°49'53"	-01°47'52"	-00°01'20"	28.991
15/12/2047 00:00:00	♁	04°40'51" ♉	-21°07'53"	-12°13'32"	00°00'41"	41.247

Ephemerides year 2047

15/12/2047 00:00:00	♏	06°47'15" ♁	-23°15'33"	00°00'00"	-00°01'43"	0.002
15/12/2047 00:00:00	♋	07°14'50" ♃	-13°38'50"	00°17'48"	00°06'56"	9.313
15/12/2047 00:00:00	♌	24°38'52" ♄	22°19'44"	03°30'37"	00°06'41"	0.003
15/12/2047 00:00:00	♏	06°47'15" ♁	-23°15'33"	00°00'00"	-00°01'43"	0.002
15/12/2047 00:00:00	♌	10°31'43" ♃	24°20'05" ♁	02°20'20"	-02°02'48"	0.003
15/12/2047 00:00:00	X	29°52'02" ♄	05°43'13"	-06°05'04"	-00°00'21"	92.582
15/12/2047 00:00:00	Y	16°21'01" ♃	11°31'28"	-11°15'49"	-00°00'39"	77.489
16/12/2047 00:00:00	♏	23°55'41" ♁	-23°17'38"	-00°00'00"	01°01'03"	0.984
16/12/2047 00:00:00	♄	10°06'17" ♁	-24°18'24" ♁	-02°22'24"	15°05'33"	0.002
16/12/2047 00:00:00	♌	29°22'43" ♁	-25°12'38" ♁	-01°46'44"	01°34'44"	1.426
16/12/2047 00:00:00	♌	14°53'14" ♃	-14°13'45"	02°09'50"	01°12'22"	1.127
16/12/2047 00:00:00	♂	23°04'02" ♁	-07°41'21"	01°22'19"	00°35'17"	1.899
16/12/2047 00:00:00	♈	16°44'23" ♄	15°44'06"	-01°08'48"	-00°04'58"	4.181
16/12/2047 00:00:00	♃	05°29'16" ♁	-22°38'23"	00°40'48"	00°07'00"	11.007
16/12/2047 00:00:00	♌	11°10'33" ♃	08°05'33"	00°46'43"	00°00'02"	18.059
16/12/2047 00:00:00	♌	19°19'59" ♄	15°49'34"	-01°47'50"	-00°01'19"	29.001
16/12/2047 00:00:00	♌	04°41'33" ♃	-21°07'24"	-12°13'17"	00°00'42"	41.263
16/12/2047 00:00:00	♏	06°45'47" ♁	-23°15'37"	00°00'00"	-00°01'10"	0.002
16/12/2047 00:00:00	♋	07°21'45" ♃	-13°40'46"	00°18'07"	00°06'53"	9.301





































Ephemerides year 2047

16/12/2047 00:00:00	☾	24°45'33"	♏	22°20'46"	03°29'58"	00°06'41"	0.003	
16/12/2047 00:00:00	♁	06°45'47"	♏	-23°15'37"	00°00'00"	-00°01'10"	0.002	
16/12/2047 00:00:00	♁	08°36'29"	♁	24°11'52"	♁	02°29'45"	-01°49'58"	0.003
16/12/2047 00:00:00	X	29°51'41"	♁	05°43'10"	-06°04'58"	-00°00'20"	92.595	
16/12/2047 00:00:00	Y	16°20'22"	♁	11°31'26"	-11°15'47"	-00°00'39"	77.490	
17/12/2047 00:00:00	☉	24°56'45"	♏	-23°20'12"	00°00'00"	01°01'04"	0.984	
17/12/2047 00:00:00	☾	25°09'26"	♏	-24°24'29"	♁	-01°03'51"	14°59'13"	0.002
17/12/2047 00:00:00	☿	00°57'31"	♏	-25°16'21"	♁	-01°50'34"	01°34'51"	1.420
17/12/2047 00:00:00	♀	16°05'38"	♏	-14°35'13"	02°09'10"	01°12'26"	1.134	
17/12/2047 00:00:00	♂	23°39'18"	♁	-07°54'22"	01°22'17"	00°35'14"	1.890	
17/12/2047 00:00:00	♃	16°39'29"	♏	15°42'58"	-01°08'32"	-00°04'48"	4.191	
17/12/2047 00:00:00	♄	05°36'17"	♏	-22°38'11"	00°40'43"	00°07'01"	11.010	
17/12/2047 00:00:00	♅	11°10'34"	♁	08°05'35"	00°46'45"	-00°00'00"	18.042	
17/12/2047 00:00:00	♆	19°18'41"	♏	15°49'15"	-01°47'47"	-00°01'17"	29.011	
17/12/2047 00:00:00	♇	04°42'17"	♁	-21°06'54"	-12°13'02"	00°00'44"	41.280	
17/12/2047 00:00:00	♁	06°44'56"	♏	-23°15'40"	00°00'00"	-00°00'30"	0.002	
17/12/2047 00:00:00	♂	07°28'36"	♏	-13°42'41"	00°18'27"	00°06'49"	9.290	
17/12/2047 00:00:00	☾	24°52'14"	♏	22°21'47"	03°29'19"	00°06'41"	0.003	
17/12/2047 00:00:00	♁	06°44'56"	♏	-23°15'40"	00°00'00"	-00°00'30"	0.002	

Ephemerides year 2047

17/12/2047 00:00:00	T♄	06°45'37" ♀	24°02'24" ♀	02°38'44"	-01°55'12"	0.003
17/12/2047 00:00:00	X	29°51'20" ♀	05°43'09"	-06°04'53"	-00°00'19"	92.609
17/12/2047 00:00:00	Y	16°19'42" ♀	11°31'24"	-11°15'46"	-00°00'39"	77.493
18/12/2047 00:00:00	☉	25°57'50" ♂	-23°22'17"	00°00'00"	01°01'05"	0.984
18/12/2047 00:00:00	☾	10°01'52" ♀	-22°45'04"	00°18'13"	14°44'21"	0.002
18/12/2047 00:00:00	♁	02°32'26" ♀	-25°18'39" ♀	-01°54'09"	01°34'57"	1.414
18/12/2047 00:00:00	♂	17°18'07" ♀	-14°56'21"	02°08'25"	01°12'31"	1.140
18/12/2047 00:00:00	♂	24°14'32" ♀	-08°07'19"	01°22'16"	00°35'11"	1.881
18/12/2047 00:00:00	♂	16°34'46" ♀	15°41'53"	-01°08'16"	-00°04'37"	4.201
18/12/2047 00:00:00	♂	05°43'19" ♀	-22°37'57"	00°40'38"	00°07'02"	11.013
18/12/2047 00:00:00	♂	11°10'31" ♀	08°05'39"	00°46'48"	-00°00'04"	18.025
18/12/2047 00:00:00	♂	19°17'23" ♀	15°48'56"	-01°47'45"	-00°01'16"	29.021
18/12/2047 00:00:00	♂	04°43'02" ♀	-21°06'23"	-12°12'48"	00°00'45"	41.297
18/12/2047 00:00:00	♂	06°44'46" ♀	-23°15'40"	00°00'00"	00°00'08"	0.002
18/12/2047 00:00:00	♂	07°35'23" ♀	-13°44'35"	00°18'47"	00°06'45"	9.278
18/12/2047 00:00:00	♂	24°58'55" ♀	22°22'48"	03°28'40"	00°06'41"	0.003
18/12/2047 00:00:00	T♄	06°44'46" ♀	-23°15'40"	00°00'00"	00°00'08"	0.002
18/12/2047 00:00:00	T♄	04°39'48" ♀	23°49'47" ♀	02°48'46"	-02°18'52"	0.003
18/12/2047 00:00:00	X	29°51'01" ♀	05°43'07"	-06°04'47"	-00°00'19"	92.623

Ephemerides year 2047

18/12/2047 00:00:00	Y	16°19'03" 	11°31'22"	-11°15'44"	-00°00'39"	77.495
19/12/2047 00:00:00		26°58'55" 	-23°23'55"	00°00'00"	01°01'05"	0.984
19/12/2047 00:00:00		24°35'57" 	-19°35'53"	01°37'29"	14°22'52"	0.002
19/12/2047 00:00:00		04°07'27" 	-25°19'31" 	-01°57'26"	01°35'04"	1.407
19/12/2047 00:00:00		18°30'41" 	-15°17'11"	02°07'35"	01°12'35"	1.147
19/12/2047 00:00:00		24°49'42" 	-08°20'11"	01°22'14"	00°35'08"	1.872
19/12/2047 00:00:00		16°30'14" 	15°40'51"	-01°08'00"	-00°04'26"	4.212
19/12/2047 00:00:00		05°50'21" 	-22°37'44"	00°40'34"	00°07'02"	11.015
19/12/2047 00:00:00		11°10'25" 	08°05'43"	00°46'51"	-00°00'07"	18.008
19/12/2047 00:00:00		19°16'07" 	15°48'38"	-01°47'43"	-00°01'15"	29.032
19/12/2047 00:00:00		04°43'48" 	-21°05'53"	-12°12'33"	00°00'47"	41.313
19/12/2047 00:00:00		06°45'09" 	-23°15'39"	00°00'00"	00°00'35"	0.002
19/12/2047 00:00:00		07°42'06" 	-13°46'27"	00°19'07"	00°06'40"	9.266
19/12/2047 00:00:00		25°05'36" 	22°23'49"	03°28'01"	00°06'40"	0.003
19/12/2047 00:00:00	T 	06°45'09" 	-23°15'39"	00°00'00"	00°00'35"	0.002
19/12/2047 00:00:00	T 	02°05'22" 	23°31'35" 	03°00'49"	-02°49'46"	0.003
19/12/2047 00:00:00	X	29°50'42" 	05°43'05"	-06°04'42"	-00°00'18"	92.637
19/12/2047 00:00:00	Y	16°18'23" 	11°31'21"	-11°15'42"	-00°00'39"	77.498
20/12/2047 00:00:00		28°00'01" 	-23°25'04"	00°00'00"	01°01'06"	0.984

Ephemerides year 2047

20/12/2047 00:00:00	♃	08°46'18" ♁	-15°20'55"	02°48'36"	13°57'22"	0.002
20/12/2047 00:00:00	♆	05°42'35" ♁	-25°18'55" ♁	-02°00'26"	01°35'11"	1.399
20/12/2047 00:00:00	♀	19°43'18" ♃	-15°37'40"	02°06'39"	01°12'39"	1.153
20/12/2047 00:00:00	♂	25°24'48" ♁	-08°33'00"	01°22'12"	00°35'05"	1.863
20/12/2047 00:00:00	♃	16°25'54" ♁	15°39'52"	-01°07'44"	-00°04'15"	4.222
20/12/2047 00:00:00	♃	05°57'24" ♁	-22°37'30"	00°40'29"	00°07'03"	11.018
20/12/2047 00:00:00	♃	11°10'16" ♃	08°05'50"	00°46'53"	-00°00'11"	17.992
20/12/2047 00:00:00	♃	19°14'53" ♁	15°48'21"	-01°47'40"	-00°01'14"	29.043
20/12/2047 00:00:00	♃	04°44'36" ♃	-21°05'21"	-12°12'19"	00°00'48"	41.329
20/12/2047 00:00:00	♁	06°45'52" ♁	-23°15'37"	00°00'00"	00°00'48"	0.002
20/12/2047 00:00:00	♃	07°48'45" ♃	-13°48'17"	00°19'26"	00°06'36"	9.254
20/12/2047 00:00:00	♁	25°12'17" ♁	22°24'49"	03°27'22"	00°06'40"	0.003
20/12/2047 00:00:00	♁	06°45'52" ♁	-23°15'37"	00°00'00"	00°00'48"	0.002
20/12/2047 00:00:00	♁	29°03'51" ♁	23°06'23"	03°14'28"	-03°09'59"	0.003
20/12/2047 00:00:00	X	29°50'23" ♁	05°43'04"	-06°04'36"	-00°00'18"	92.652
20/12/2047 00:00:00	Y	16°17'44" ♁	11°31'19"	-11°15'39"	-00°00'39"	77.501
21/12/2047 00:00:00	♁	29°01'07" ♁	-23°25'45"	00°00'00"	01°01'06"	0.984
21/12/2047 00:00:00	♃	22°30'16" ♁	-10°25'01"	03°47'41"	13°30'32"	0.003
21/12/2047 00:00:00	♆	07°17'49" ♁	-25°16'52" ♁	-02°03'07"	01°35'17"	1.391

Ephemerides year 2047

21/12/2047 00:00:00	♀	20°55'59" ♍	-15°57'49"	02°05'39"	01°12'43"	1.160
21/12/2047 00:00:00	♂	25°59'52" ♋	-08°45'44"	01°22'10"	00°35'01"	1.854
21/12/2047 00:00:00	♃	16°21'44" ♈	15°38'57"	-01°07'28"	-00°04'04"	4.233
21/12/2047 00:00:00	♅	06°04'28" ♌	-22°37'15"	00°40'24"	00°07'03"	11.020
21/12/2047 00:00:00	♁	11°10'03" ♉	08°05'57"	00°46'56"	-00°00'14"	17.975
21/12/2047 00:00:00	♃	19°13'39" ♈	15°48'03"	-01°47'37"	-00°01'12"	29.054
21/12/2047 00:00:00	♁	04°45'25" ♉	-21°04'50"	-12°12'05"	00°00'49"	41.346
21/12/2047 00:00:00	♁	06°46'41" ♌	-23°15'35"	00°00'00"	00°00'47"	0.002
21/12/2047 00:00:00	♃	07°55'20" ♍	-13°50'06"	00°19'46"	00°06'32"	9.242
21/12/2047 00:00:00	♁	25°18'58" ♈	22°25'49"	03°26'42"	00°06'40"	0.003
21/12/2047 00:00:00	T♁	06°46'41" ♌	-23°15'35"	00°00'00"	00°00'47"	0.002
21/12/2047 00:00:00	T♁	25°54'02" ♈	22°35'44"	03°28'09"	-03°04'43"	0.003
21/12/2047 00:00:00	X	29°50'05" ♏	05°43'03"	-06°04'31"	-00°00'17"	92.666
21/12/2047 00:00:00	Y	16°17'05" ♏	11°31'18"	-11°15'37"	-00°00'39"	77.504
22/12/2047 00:00:00	♁	00°02'14" ♌	-23°25'58"	00°00'00"	01°01'06"	0.984
22/12/2047 00:00:00	♃	05°47'42" ♈	-05°09'27"	04°32'27"	13°04'40"	0.003
22/12/2047 00:00:00	♁	08°53'09" ♌	-25°13'19"	0-02°05'28"	01°35'22"	1.382
22/12/2047 00:00:00	♀	22°08'45" ♍	-16°17'36"	02°04'33"	01°12'47"	1.166
22/12/2047 00:00:00	♂	26°34'52" ♋	-08°58'24"	01°22'08"	00°34'58"	1.845

Ephemerides year 2047

22/12/2047 00:00:00	♃	16°17'45" ♂	15°38'04"	-01°07'11"	-00°03'52"	4.244
22/12/2047 00:00:00	♅	06°11'32" ♀	-22°37'00"	00°40'20"	00°07'04"	11.022
22/12/2047 00:00:00	♁	11°09'46" ♀	08°06'06"	00°46'59"	-00°00'18"	17.959
22/12/2047 00:00:00	♆	19°12'27" ♂	15°47'46"	-01°47'35"	-00°01'11"	29.065
22/12/2047 00:00:00	♁	04°46'15" ♀	-21°04'18"	-12°11'51"	00°00'51"	41.362
22/12/2047 00:00:00	♁	06°47'23" ♀	-23°15'33"	00°00'00"	00°00'34"	0.002
22/12/2047 00:00:00	♁	08°01'50" ♀	-13°51'53"	00°20'06"	00°06'28"	9.230
22/12/2047 00:00:00	♁	25°25'39" ♂	22°26'48"	03°26'03"	00°06'40"	0.003
22/12/2047 00:00:00	♁	06°47'23" ♀	-23°15'33"	00°00'00"	00°00'34"	0.002
22/12/2047 00:00:00	♁	23°03'48" ♂	22°04'38"	03°39'51"	-02°31'45"	0.003
22/12/2047 00:00:00	X	29°49'47" ♀	05°43'03"	-06°04'25"	-00°00'17"	92.681
22/12/2047 00:00:00	Y	16°16'26" ♀	11°31'17"	-11°15'34"	-00°00'38"	77.507
23/12/2047 00:00:00	♁	01°03'21" ♀	-23°25'43"	00°00'00"	01°01'06"	0.984
23/12/2047 00:00:00	♁	18°40'31" ♀	00°09'16"	05°01'57"	12°41'31"	0.003
23/12/2047 00:00:00	♁	10°28'34" ♀	-25°08'15"	0-02°07'28"	01°35'26"	1.372
23/12/2047 00:00:00	♁	23°21'33" ♀	-16°37'00"	02°03'22"	01°12'50"	1.172
23/12/2047 00:00:00	♁	27°09'49" ♀	-09°11'00"	01°22'05"	00°34'55"	1.835
23/12/2047 00:00:00	♃	16°13'58" ♂	15°37'16"	-01°06'55"	-00°03'41"	4.256
23/12/2047 00:00:00	♅	06°18'37" ♀	-22°36'45"	00°40'15"	00°07'04"	11.023

Ephemerides year 2047

23/12/2047 00:00:00	♃	11°09'26" ♃r	08°06'16"	00°47'01"	-00°00'21"	17.943
23/12/2047 00:00:00	♃	19°11'17" ♃r	15°47'30"	-01°47'32"	-00°01'09"	29.077
23/12/2047 00:00:00	♃	04°47'07" ♃	-21°03'46"	-12°11'37"	00°00'52"	41.378
23/12/2047 00:00:00	♃	06°47'50" ♃	-23°15'31"	00°00'00"	00°00'17"	0.002
23/12/2047 00:00:00	♃	08°08'16" ♃	-13°53'38"	00°20'26"	00°06'23"	9.217
23/12/2047 00:00:00	♃	25°32'19" ♃	22°27'48"	03°25'23"	00°06'40"	0.003
23/12/2047 00:00:00	T♃	06°47'50" ♃	-23°15'31"	00°00'00"	00°00'17"	0.002
23/12/2047 00:00:00	T♃	20°56'16" ♃r	21°39'09"	03°48'15"	-01°41'45"	0.003
23/12/2047 00:00:00	X	29°49'30" ♃r	05°43'02"	-06°04'19"	-00°00'16"	92.696
23/12/2047 00:00:00	Y	16°15'47" ♃r	11°31'16"	-11°15'32"	-00°00'38"	77.511
24/12/2047 00:00:00	♃	02°04'27" ♃	-23°25'00"	00°00'00"	01°01'06"	0.984
24/12/2047 00:00:00	♃	01°12'02" ♃	05°18'37"	05°16'07"	12°22'12"	0.003
24/12/2047 00:00:00	♃	12°04'03" ♃	-25°01'42"	0-02°09'06"	01°35'29"	1.362
24/12/2047 00:00:00	♃	24°34'26" ♃	-16°56'02"	02°02'06"	01°12'54"	1.178
24/12/2047 00:00:00	♃	27°44'42" ♃	-09°23'31"	01°22'02"	00°34'51"	1.826
24/12/2047 00:00:00	♃	16°10'23" ♃r	15°36'30"	-01°06'38"	-00°03'29"	4.267
24/12/2047 00:00:00	♃	06°25'41" ♃	-22°36'29"	00°40'11"	00°07'05"	11.025
24/12/2047 00:00:00	♃	11°09'03" ♃r	08°06'27"	00°47'04"	-00°00'24"	17.926
24/12/2047 00:00:00	♃	19°10'08" ♃r	15°47'14"	-01°47'30"	-00°01'08"	29.088

Ephemerides year 2047

24/12/2047 00:00:00	♁	04°48'00"	♈	-21°03'13"	-12°11'23"	00°00'53"	41.393
24/12/2047 00:00:00	♁	06°47'59"	♈	-23°15'31"	00°00'00"	00°00'01"	0.002
24/12/2047 00:00:00	♁	08°14'37"	♏	-13°55'22"	00°20'47"	00°06'19"	9.204
24/12/2047 00:00:00	♁	25°39'00"	♏	22°28'46"	03°24'43"	00°06'40"	0.003
24/12/2047 00:00:00	♁	06°47'59"	♈	-23°15'31"	00°00'00"	00°00'01"	0.002
24/12/2047 00:00:00	♁	19°40'56"	♏	21°23'15"	03°53'02"	-00°49'38"	0.003
24/12/2047 00:00:00	X	29°49'14"	♏	05°43'02"	-06°04'14"	-00°00'16"	92.711
24/12/2047 00:00:00	Y	16°15'08"	♏	11°31'15"	-11°15'29"	-00°00'38"	77.515
25/12/2047 00:00:00	♁	03°05'34"	♈	-23°23'48"	00°00'00"	01°01'07"	0.984
25/12/2047 00:00:00	♁	13°26'24"	♏	10°08'40"	05°15'30"	12°07'17"	0.003
25/12/2047 00:00:00	♁	13°39'33"	♈	-24°53'37"	0-02°10'20"	01°35'31"	1.351
25/12/2047 00:00:00	♁	25°47'22"	♏	-17°14'39"	02°00'45"	01°12'57"	1.185
25/12/2047 00:00:00	♁	28°19'32"	♏	-09°35'57"	01°21'59"	00°34'48"	1.817
25/12/2047 00:00:00	♁	16°06'59"	♏	15°35'48"	-01°06'21"	-00°03'17"	4.279
25/12/2047 00:00:00	♁	06°32'47"	♈	-22°36'12"	00°40'07"	00°07'05"	11.026
25/12/2047 00:00:00	♁	11°08'37"	♏	08°06'39"	00°47'07"	-00°00'28"	17.910
25/12/2047 00:00:00	♁	19°09'00"	♏	15°46'58"	-01°47'27"	-00°01'06"	29.100
25/12/2047 00:00:00	♁	04°48'54"	♈	-21°02'40"	-12°11'10"	00°00'55"	41.409
25/12/2047 00:00:00	♁	06°47'54"	♈	-23°15'31"	00°00'00"	-00°00'10"	0.002

Ephemerides year 2047

25/12/2047 00:00:00	♁	08°20'54" ♎	-13°57'04"	00°21'07"	00°06'14"	9.191
25/12/2047 00:00:00	♁	25°45'41" ♏	22°29'45"	03°24'04"	00°06'40"	0.003
25/12/2047 00:00:00	♁	06°47'54" ♏	-23°15'31"	00°00'00"	-00°00'10"	0.002
25/12/2047 00:00:00	♁	19°13'51" ♏	21°17'22"	03°54'44"	-00°06'39"	0.003
25/12/2047 00:00:00	X	29°48'58" ♏	05°43'02"	-06°04'08"	-00°00'15"	92.726
25/12/2047 00:00:00	Y	16°14'30" ♏	11°31'14"	-11°15'26"	-00°00'38"	77.520
26/12/2047 00:00:00	♁	04°06'41" ♏	-23°22'08"	00°00'00"	01°01'07"	0.984
26/12/2047 00:00:00	♁	25°28'07" ♏	14°30'44"	05°00'59"	11°56'55"	0.003
26/12/2047 00:00:00	♁	15°15'04" ♏	-24°44'00"	02°11'10"	01°35'29"	1.339
26/12/2047 00:00:00	♁	27°00'22" ♎	-17°32'52"	01°59'20"	01°13'01"	1.191
26/12/2047 00:00:00	♁	28°54'19" ♎	-09°48'19"	01°21'55"	00°34'44"	1.807
26/12/2047 00:00:00	♁	16°03'48" ♏	15°35'09"	-01°06'04"	-00°03'05"	4.291
26/12/2047 00:00:00	♁	06°39'52" ♏	-22°35'55"	00°40'02"	00°07'05"	11.026
26/12/2047 00:00:00	♁	11°08'07" ♏	08°06'53"	00°47'09"	-00°00'31"	17.894
26/12/2047 00:00:00	♁	19°07'55" ♏	15°46'43"	-01°47'24"	-00°01'05"	29.113
26/12/2047 00:00:00	♁	04°49'50" ♏	-21°02'07"	-12°10'56"	00°00'56"	41.425
26/12/2047 00:00:00	♁	06°47'40" ♏	-23°15'32"	00°00'00"	-00°00'14"	0.002
26/12/2047 00:00:00	♁	08°27'07" ♎	-13°58'44"	00°21'27"	00°06'10"	9.178
26/12/2047 00:00:00	♁	25°52'21" ♏	22°30'43"	03°23'24"	00°06'40"	0.003

Ephemerides year 2047

26/12/2047 00:00:00	T♄	06°47'40" ♏	-23°15'32"	00°00'00"	-00°00'14"	0.002
26/12/2047 00:00:00	T♄	19°22'44" ♏	21°19'18"	03°54'10"	00°21'52"	0.003
26/12/2047 00:00:00	X	29°48'43" ♏	05°43'02"	-06°04'02"	-00°00'14"	92.741
26/12/2047 00:00:00	Y	16°13'52" ♏	11°31'14"	-11°15'23"	-00°00'38"	77.525
27/12/2047 00:00:00	☉	05°07'49" ♏	-23°20'00"	00°00'00"	01°01'07"	0.983
27/12/2047 00:00:00	☾	07°21'43" ♏	18°16'21"	04°33'41"	11°50'57"	0.003
27/12/2047 00:00:00	☿	16°50'32" ♏	-24°32'52"	0-02°11'34"	01°35'25"	1.326
27/12/2047 00:00:00	♀	28°13'25" ♏	-17°50'39"	01°57'49"	01°13'04"	1.197
27/12/2047 00:00:00	♂	29°29'02" ♏	-10°00'37"	01°21'52"	00°34'41"	1.798
27/12/2047 00:00:00	♃	16°00'48" ♏	15°34'34"	-01°05'47"	-00°02'53"	4.303
27/12/2047 00:00:00	♅	06°46'58" ♏	-22°35'38"	00°39'58"	00°07'05"	11.027
27/12/2047 00:00:00	♁	11°07'34" ♏	08°07'08"	00°47'12"	-00°00'34"	17.878
27/12/2047 00:00:00	♆	19°06'50" ♏	15°46'28"	-01°47'21"	-00°01'03"	29.125
27/12/2047 00:00:00	♂	04°50'47" ♏	-21°01'33"	-12°10'43"	00°00'57"	41.440
27/12/2047 00:00:00	♁	06°47'26" ♏	-23°15'32"	00°00'00"	-00°00'12"	0.002
27/12/2047 00:00:00	♁	08°33'14" ♏	-14°00'23"	00°21'47"	00°06'05"	9.165
27/12/2047 00:00:00	♁	25°59'02" ♏	22°31'40"	03°22'44"	00°06'40"	0.003
27/12/2047 00:00:00	T♄	06°47'26" ♏	-23°15'32"	00°00'00"	-00°00'12"	0.002
27/12/2047 00:00:00	T♄	19°52'40" ♏	21°25'44"	03°52'17"	00°35'44"	0.003

Ephemerides year 2047

27/12/2047 00:00:00	X	29°48'28"	05°43'02"	-06°03'56"	-00°00'14"	92.757
27/12/2047 00:00:00	Y	16°13'14"	11°31'14"	-11°15'19"	-00°00'37"	77.530
28/12/2047 00:00:00		06°08'56"	-23°17'24"	00°00'00"	01°01'07"	0.983
28/12/2047 00:00:00		19°11'24"	21°16'49"	03°54'52"	11°49'02"	0.003
28/12/2047 00:00:00		18°25'54"	-24°20'12"	0-02°11'31"	01°35'17"	1.313
28/12/2047 00:00:00		29°26'32"	-18°08'00"	01°56'15"	01°13'08"	1.203
28/12/2047 00:00:00		00°03'42"	-10°12'50"	01°21'48"	00°34'38"	1.788
28/12/2047 00:00:00		15°58'00"	15°34'02"	-01°05'30"	-00°02'41"	4.316
28/12/2047 00:00:00		06°54'04"	-22°35'20"	00°39'54"	00°07'05"	11.027
28/12/2047 00:00:00		11°06'57"	08°07'24"	00°47'14"	-00°00'37"	17.863
28/12/2047 00:00:00		19°05'48"	15°46'14"	-01°47'18"	-00°01'01"	29.138
28/12/2047 00:00:00		04°51'46"	-21°00'59"	-12°10'30"	00°00'59"	41.455
28/12/2047 00:00:00		06°47'17"	-23°15'33"	00°00'00"	-00°00'05"	0.002
28/12/2047 00:00:00		08°39'18"	-14°02'00"	00°22'08"	00°06'00"	9.152
28/12/2047 00:00:00		26°05'43"	22°32'38"	03°22'04"	00°06'40"	0.003
28/12/2047 00:00:00	T	06°47'17"	-23°15'33"	00°00'00"	-00°00'05"	0.002
28/12/2047 00:00:00	T	20°30'34"	21°33'47"	03°49'52"	00°38'49"	0.003
28/12/2047 00:00:00	X	29°48'15"	05°43'03"	-06°03'51"	-00°00'13"	92.772
28/12/2047 00:00:00	Y	16°12'36"	11°31'13"	-11°15'16"	-00°00'37"	77.535

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29/12/2047 00:00:00	☉	07°10'04" ♍	-23°14'20"	00°00'00"	01°01'07"	0.983
29/12/2047 00:00:00	☾	01°00'58" ♀	23°23'24"	03°06'02"	11°50'39"	0.003
29/12/2047 00:00:00	♁	20°01'05" ♍	-24°06'00"	♁-02°10'58"	01°35'04"	1.299
29/12/2047 00:00:00	♂	00°39'41" ♃	-18°24'54"	01°54'36"	01°13'11"	1.210
29/12/2047 00:00:00	♂	00°38'18" ♉	-10°24'58"	01°21'43"	00°34'34"	1.779
29/12/2047 00:00:00	♃	15°55'25" ♄	15°33'34"	-01°05'13"	-00°02'29"	4.328
29/12/2047 00:00:00	♅	07°01'09" ♍	-22°35'02"	00°39'51"	00°07'05"	11.027
29/12/2047 00:00:00	♆	11°06'18" ♄	08°07'41"	00°47'17"	-00°00'41"	17.847
29/12/2047 00:00:00	♇	19°04'47" ♄	15°46'01"	-01°47'15"	-00°01'00"	29.150
29/12/2047 00:00:00	♁	04°52'45" ♃	-21°00'24"	-12°10'17"	00°01'00"	41.470
29/12/2047 00:00:00	♁	06°47'16" ♍	-23°15'33"	00°00'00"	00°00'03"	0.002
29/12/2047 00:00:00	♂	08°45'16" ♉	-14°03'35"	00°22'28"	00°05'56"	9.139
29/12/2047 00:00:00	♁	26°12'24" ♄	22°33'34"	03°21'23"	00°06'40"	0.003
29/12/2047 00:00:00	♁	06°47'16" ♍	-23°15'33"	00°00'00"	00°00'03"	0.002
29/12/2047 00:00:00	♁	21°09'22" ♄	21°41'50"	03°47'23"	00°39'11"	0.003
29/12/2047 00:00:00	X	29°48'01" ♄	05°43'04"	-06°03'45"	-00°00'12"	92.788
29/12/2047 00:00:00	Y	16°11'59" ♀	11°31'14"	-11°15'12"	-00°00'37"	77.541
30/12/2047 00:00:00	☉	08°11'11" ♍	-23°10'48"	00°00'00"	01°01'07"	0.983
30/12/2047 00:00:00	☾	12°53'42" ♀	24°28'16"	♁ 02°08'57"	11°55'15"	0.003

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30/12/2047 00:00:00	♀	21°36'01" ♍	-23°50'17" ♁	-02°09'55"	01°34'46"	1.284
30/12/2047 00:00:00	♀	01°52'54" ♈	-18°41'20"	01°52'53"	01°13'14"	1.216
30/12/2047 00:00:00	♂	01°12'51" ♎	-10°37'01"	01°21'39"	00°34'31"	1.770
30/12/2047 00:00:00	♃	15°53'01" ♏	15°33'09"	-01°04'56"	-00°02'17"	4.341
30/12/2047 00:00:00	♅	07°08'15" ♍	-22°34'44"	00°39'46"	00°07'06"	11.027
30/12/2047 00:00:00	♁	11°05'35" ♎	08°08'00"	00°47'19"	-00°00'44"	17.832
30/12/2047 00:00:00	♃	19°03'48" ♏	15°45'47"	-01°47'12"	-00°00'58"	29.164
30/12/2047 00:00:00	♁	04°53'46" ♈	-20°59'50"	-12°10'04"	00°01'01"	41.485
30/12/2047 00:00:00	♁	06°47'23" ♍	-23°15'32"	00°00'00"	00°00'08"	0.002
30/12/2047 00:00:00	♁	08°51'10" ♎	-14°05'09"	00°22'49"	00°05'51"	9.125
30/12/2047 00:00:00	♁	26°19'05" ♏	22°34'31"	03°20'43"	00°06'40"	0.003
30/12/2047 00:00:00	T♁	06°47'23" ♍	-23°15'32"	00°00'00"	00°00'08"	0.002
30/12/2047 00:00:00	T♁	21°51'56" ♏	21°50'29"	03°44'37"	00°48'33"	0.003
30/12/2047 00:00:00	X	29°47'49" ♏	05°43'05"	-06°03'39"	-00°00'12"	92.804
30/12/2047 00:00:00	Y	16°11'22" ♎	11°31'14"	-11°15'08"	-00°00'36"	77.546
31/12/2047 00:00:00	☉	09°12'19" ♍	-23°06'49"	00°00'00"	01°01'07"	0.983
31/12/2047 00:00:00	☾	24°52'19" ♎	24°25'45" ♁	01°05'46"	12°02'18"	0.003
31/12/2047 00:00:00	♀	23°10'36" ♍	-23°33'04" ♁	-02°08'19"	01°34'21"	1.268
31/12/2047 00:00:00	♀	03°06'11" ♈	-18°57'18"	01°51'05"	01°13'17"	1.222

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31/12/2047 00:00:00	♂	01°47'20" ♎	-10°49'00"	01°21'34"	00°34'27"	1.760
31/12/2047 00:00:00	♃	15°50'50" ♏	15°32'48"	-01°04'39"	-00°02'05"	4.354
31/12/2047 00:00:00	♅	07°15'21" ♎	-22°34'25"	00°39'42"	00°07'05"	11.027
31/12/2047 00:00:00	♁	11°04'49" ♏	08°08'20"	00°47'22"	-00°00'47"	17.816
31/12/2047 00:00:00	♃	19°02'50" ♏	15°45'35"	-01°47'09"	-00°00'56"	29.177
31/12/2047 00:00:00	♁	04°54'49" ♏	-20°59'15"	-12°09'52"	00°01'02"	41.500
31/12/2047 00:00:00	♁	06°47'31" ♎	-23°15'32"	00°00'00"	00°00'07"	0.002
31/12/2047 00:00:00	♃	08°56'59" ♎	-14°06'40"	00°23'10"	00°05'46"	9.111
31/12/2047 00:00:00	♁	26°25'45" ♏	22°35'27"	03°20'03"	00°06'40"	0.003
31/12/2047 00:00:00	♁	06°47'31" ♎	-23°15'32"	00°00'00"	00°00'07"	0.002
31/12/2047 00:00:00	♁	22°53'34" ♏	22°02'39"	03°40'32"	01°18'59"	0.003
31/12/2047 00:00:00	X	29°47'37" ♏	05°43'07"	-06°03'33"	-00°00'11"	92.819
31/12/2047 00:00:00	Y	16°10'45" ♏	11°31'14"	-11°15'04"	-00°00'36"	77.553