

Ephemerides year 2045

Ephemeris Tables for the year 2045

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 2045

Date	Time	Planet	Longitude	Declination	Latitude	Speed	Radius
01/01/2045	00:00:00	♃	10°57'54" ♃	-22°58'57"	00°00'00"	01°01'08"	0.983
01/01/2045	00:00:00	♄	06°45'45" ♄	26°27'30" ♄	05°05'55"	14°42'40"	0.002
01/01/2045	00:00:00	♅	22°00'17" ♅	-22°35'20"	00°36'23"	01°23'27"	1.226
01/01/2045	00:00:00	♆	22°24'07" ♆	-22°40'48"	00°32'18"	01°15'12"	1.585
01/01/2045	00:00:00	♁	08°31'50" ♁	-19°14'59"	-01°09'48"	00°47'11"	2.177
01/01/2045	00:00:00	♂	10°27'15" ♂	-18°13'57"	-00°38'27"	00°13'20"	5.903
01/01/2045	00:00:00	♂	07°06'03" ♁	-19°45'09"	01°45'49"	00°06'19"	10.782
01/01/2045	00:00:00	♁	26°28'49" ♁	13°23'51"	00°45'20"	-00°01'34"	17.666
01/01/2045	00:00:00	♁	12°10'04" ♁	13°46'25"	-01°47'49"	-00°00'41"	29.289
01/01/2045	00:00:00	♁	00°57'11" ♁	-21°39'24"	-11°17'37"	00°01'11"	40.861
01/01/2045	00:00:00	♁	03°11'29" ♁	-10°19'59"	00°00'00"	-00°08'07"	0.003
01/01/2045	00:00:00	♁	19°01'23" ♁	-00°33'50"	-05°19'51"	00°00'05"	8.305
01/01/2045	00:00:00	♁	24°33'04" ♁	-24°28'31" ♄	-03°19'15"	00°06'40"	0.003
01/01/2045	00:00:00	♁	03°11'29" ♁	-10°19'59"	00°00'00"	-00°08'07"	0.003
01/01/2045	00:00:00	♁	25°16'19" ♁	-24°10'11" ♄	-03°08'41"	-02°39'29"	0.003
01/01/2045	00:00:00	X	29°04'14" ♁	04°52'37"	-06°41'29"	-00°00'09"	93.230
01/01/2045	00:00:00	Y	13°59'09" ♁	11°09'09"	-11°23'53"	-00°00'34"	78.065

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02/01/2045 00:00:00	♁	11°59'02" ♎	-22°53'42"	00°00'00"	01°01'08"	0.983
02/01/2045 00:00:00	♃	21°39'52" ♉	28°00'31" ♋	04°50'42"	15°04'14"	0.002
02/01/2045 00:00:00	♁	23°24'12" ♎	-22°47'56"	00°28'21"	01°24'21"	1.240
02/01/2045 00:00:00	♁	23°39'20" ♎	-22°47'14"	00°29'48"	01°15'13"	1.589
02/01/2045 00:00:00	♂	09°19'02" ♍	-19°02'18"	-01°09'35"	00°47'12"	2.180
02/01/2045 00:00:00	♃	10°40'37" ♉	-18°10'21"	-00°38'29"	00°13'23"	5.911
02/01/2045 00:00:00	♃	07°12'21" ♉	-19°46'08"	01°45'52"	00°06'17"	10.773
02/01/2045 00:00:00	♃	26°27'13" ♉	13°24'26"	00°45'22"	-00°01'37"	17.654
02/01/2045 00:00:00	♃	12°09'24" ♉	13°46'16"	-01°47'45"	-00°00'39"	29.304
02/01/2045 00:00:00	♃	00°58'23" ♉	-21°38'48"	-11°17'27"	00°01'12"	40.874
02/01/2045 00:00:00	♁	03°03'08" ♎	-10°23'00"	00°00'00"	-00°08'23"	0.003
02/01/2045 00:00:00	♁	19°01'26" ♎	-00°34'11"	-05°20'13"	-00°00'00"	8.288
02/01/2045 00:00:00	♁	24°39'45" ♎	-24°26'38"	♋-03°18'34"	00°06'40"	0.003
02/01/2045 00:00:00	♁	03°03'08" ♎	-10°23'00"	00°00'00"	-00°08'23"	0.003
02/01/2045 00:00:00	♁	22°48'39" ♎	-24°46'00"	♋-03°18'24"	-02°15'06"	0.003
02/01/2045 00:00:00	X	29°04'05" ♏	04°52'39"	-06°41'23"	-00°00'09"	93.246
02/01/2045 00:00:00	Y	13°58'35" ♏	11°09'09"	-11°23'48"	-00°00'34"	78.072
03/01/2045 00:00:00	♁	13°00'10" ♎	-22°48'00"	00°00'00"	01°01'08"	0.983
03/01/2045 00:00:00	♃	06°51'08" ♉	27°30'04" ♋	04°14'56"	15°16'30"	0.002

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03/01/2045 00:00:00	♀	24°48'58" ⚹	-22°59'37"	00°20'25"	01°25'10"	1.254
03/01/2045 00:00:00	♀	24°54'34" ⚹	-22°52'58"	00°27'17"	01°15'13"	1.592
03/01/2045 00:00:00	♂	10°06'15" ♁	-18°49'25"	-01°09'22"	00°47'13"	2.183
03/01/2045 00:00:00	♃	10°54'01" ♁	-18°06'42"	-00°38'31"	00°13'26"	5.918
03/01/2045 00:00:00	♅	07°18'37" ⚹	-19°47'07"	01°45'55"	00°06'14"	10.763
03/01/2045 00:00:00	♁	26°25'34" ⚹	13°25'01"	00°45'24"	-00°01'40"	17.642
03/01/2045 00:00:00	♃	12°08'45" ⚹	13°46'07"	-01°47'42"	-00°00'37"	29.319
03/01/2045 00:00:00	♁	00°59'36" ♃	-21°38'12"	-11°17'17"	00°01'13"	40.888
03/01/2045 00:00:00	♁	02°55'04" ♃	-10°25'54"	00°00'00"	-00°07'33"	0.003
03/01/2045 00:00:00	♁	19°01'21" ♃	-00°34'29"	-05°20'35"	-00°00'07"	8.272
03/01/2045 00:00:00	♁	24°46'26" ⚹	-24°24'45" ○	-03°17'54"	00°06'40"	0.003
03/01/2045 00:00:00	T♁	02°55'04" ♃	-10°25'54"	00°00'00"	-00°07'33"	0.003
03/01/2045 00:00:00	T♁	20°44'37" ⚹	-25°14'04" ○	-03°26'25"	-01°54'55"	0.003
03/01/2045 00:00:00	X	29°03'56" ♃	04°52'42"	-06°41'17"	-00°00'08"	93.263
03/01/2045 00:00:00	Y	13°58'00" ♃	11°09'10"	-11°23'43"	-00°00'34"	78.080
04/01/2045 00:00:00	♁	14°01'18" ⚹	-22°41'50"	00°00'00"	01°01'08"	0.983
04/01/2045 00:00:00	♁	22°09'12" ♁	24°54'49" ○	03°20'40"	15°17'44"	0.002
04/01/2045 00:00:00	♀	26°14'31" ⚹	-23°10'19"	00°12'36"	01°25'55"	1.267
04/01/2045 00:00:00	♀	26°09'47" ⚹	-22°58'01"	00°24'46"	01°15'13"	1.595

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04/01/2045 00:00:00	♂	10°53'29" ♊	-18°36'19"	-01°09'09"	00°47'14"	2.186	
04/01/2045 00:00:00	♃	11°07'29" ♊	-18°03'03"	-00°38'33"	00°13'29"	5.925	
04/01/2045 00:00:00	♅	07°24'50" ♈	-19°48'04"	01°45'58"	00°06'11"	10.753	
04/01/2045 00:00:00	♁	26°23'53" ♏	13°25'38"	00°45'26"	-00°01'42"	17.630	
04/01/2045 00:00:00	♆	12°08'08" ♏	13°45'59"	-01°47'39"	-00°00'35"	29.334	
04/01/2045 00:00:00	♁	01°00'50" ♈	-21°37'36"	-11°17'07"	00°01'14"	40.901	
04/01/2045 00:00:00	♁	02°48'19" ♈	-10°28'20"	00°00'00"	-00°05'48"	0.003	
04/01/2045 00:00:00	♃	19°01'10" ♎	-00°34'45"	-05°20'56"	-00°00'15"	8.256	
04/01/2045 00:00:00	♁	24°53'07" ♏	-24°22'51"	o-03°17'13"	00°06'40"	0.003	
04/01/2045 00:00:00	T♁	02°48'19" ♈	-10°28'20"	00°00'00"	-00°05'48"	0.003	
04/01/2045 00:00:00	T♁	18°53'12" ♏	-25°37'47"	o	-03°33'37"	-01°51'06"	0.003
04/01/2045 00:00:00	X	29°03'47" ♏	04°52'45"	-06°41'10"	-00°00'07"	93.279	
04/01/2045 00:00:00	Y	13°57'27" ♎	11°09'11"	-11°23'39"	-00°00'33"	78.088	
05/01/2045 00:00:00	♁	15°02'26" ♏	-22°35'14"	00°00'00"	01°01'08"	0.983	
05/01/2045 00:00:00	♃	07°23'00" ♏	20°33'09"	02°12'12"	15°08'11"	0.002	
05/01/2045 00:00:00	♆	27°40'47" ♈	-23°20'00"	00°04'54"	01°26'37"	1.279	
05/01/2045 00:00:00	♀	27°25'01" ♈	-23°02'22"	00°22'14"	01°15'14"	1.598	
05/01/2045 00:00:00	♂	11°40'44" ♊	-18°23'02"	-01°08'55"	00°47'15"	2.188	
05/01/2045 00:00:00	♃	11°21'00" ♊	-17°59'21"	-00°38'35"	00°13'32"	5.932	

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05/01/2045 00:00:00	♃	07°31'00" ♄	-19°49'01"	01°46'01"	00°06'08"	10.743
05/01/2045 00:00:00	♅	26°22'09" ♁	13°26'15"	00°45'28"	-00°01'45"	17.618
05/01/2045 00:00:00	♆	12°07'34" ♁	13°45'52"	-01°47'35"	-00°00'33"	29.349
05/01/2045 00:00:00	♁	01°02'05" ♃	-21°36'59"	-11°16'57"	00°01'15"	40.914
05/01/2045 00:00:00	♁	02°43'38" ♃	-10°30'01"	00°00'00"	-00°03'32"	0.003
05/01/2045 00:00:00	♃	19°00'51" ♃	-00°34'57"	-05°21'18"	-00°00'22"	8.240
05/01/2045 00:00:00	♁	24°59'48" ♃	-24°20'58"	o-03°16'32"	00°06'40"	0.003
05/01/2045 00:00:00	T♁	02°43'38" ♃	-10°30'01"	00°00'00"	-00°03'32"	0.003
05/01/2045 00:00:00	T♁	16°56'24" ♃	-26°01'07"	o-03°41'11"	-02°04'53"	0.003
05/01/2045 00:00:00	X	29°03'40" ♃	04°52'49"	-06°41'04"	-00°00'07"	93.295
05/01/2045 00:00:00	Y	13°56'53" ♃	11°09'13"	-11°23'33"	-00°00'33"	78.096
06/01/2045 00:00:00	♁	16°03'34" ♃	-22°28'11"	00°00'00"	01°01'08"	0.983
06/01/2045 00:00:00	♃	22°22'39" ♁	14°55'28"	00°55'25"	14°49'53"	0.002
06/01/2045 00:00:00	♁	29°07'44" ♄	-23°28'38"	o-00°02'40"	01°27'16"	1.291
06/01/2045 00:00:00	♁	28°40'16" ♄	-23°06'01"	00°19'42"	01°15'14"	1.601
06/01/2045 00:00:00	♄	12°27'59" ♃	-18°09'32"	-01°08'41"	00°47'16"	2.191
06/01/2045 00:00:00	♃	11°34'33" ♃	-17°55'38"	-00°38'37"	00°13'34"	5.938
06/01/2045 00:00:00	♃	07°37'07" ♄	-19°49'57"	01°46'04"	00°06'05"	10.733
06/01/2045 00:00:00	♅	26°20'22" ♁	13°26'53"	00°45'30"	-00°01'47"	17.607

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06/01/2045 00:00:00	♁	12°07'01" ♄	13°45'45"	-01°47'32"	-00°00'31"	29.365
06/01/2045 00:00:00	♁	01°03'21" ♃	-21°36'23"	-11°16'48"	00°01'16"	40.927
06/01/2045 00:00:00	♁	02°41'14" ♃	-10°30'53"	00°00'00"	-00°01'17"	0.003
06/01/2045 00:00:00	♁	19°00'26" ♃	-00°35'07"	-05°21'39"	-00°00'29"	8.225
06/01/2045 00:00:00	♁	25°06'28" ♃	-24°19'03" ♁	-03°15'51"	00°06'40"	0.003
06/01/2045 00:00:00	T♁	02°41'14" ♃	-10°30'53"	00°00'00"	-00°01'17"	0.003
06/01/2045 00:00:00	T♁	14°40'57" ♃	-26°26'01" ♁	-03°49'49"	-02°25'49"	0.003
06/01/2045 00:00:00	X	29°03'33" ♃	04°52'52"	-06°40'57"	-00°00'06"	93.312
06/01/2045 00:00:00	Y	13°56'20" ♃	11°09'14"	-11°23'28"	-00°00'32"	78.105
07/01/2045 00:00:00	♁	17°04'42" ♃	-22°20'41"	-00°00'00"	01°01'08"	0.983
07/01/2045 00:00:00	♁	07°00'52" ♃	08°34'17"	-00°23'26"	14°25'54"	0.002
07/01/2045 00:00:00	♁	00°35'19" ♃	-23°36'09" ♁	-00°10'06"	01°27'53"	1.303
07/01/2045 00:00:00	♁	29°55'30" ♃	-23°08'58"	00°17'09"	01°15'14"	1.604
07/01/2045 00:00:00	♁	13°15'16" ♃	-17°55'51"	-01°08'26"	00°47'16"	2.194
07/01/2045 00:00:00	♁	11°48'09" ♃	-17°51'54"	-00°38'39"	00°13'37"	5.945
07/01/2045 00:00:00	♁	07°43'12" ♃	-19°50'52"	01°46'08"	00°06'02"	10.722
07/01/2045 00:00:00	♁	26°18'33" ♃	13°27'32"	00°45'32"	-00°01'50"	17.596
07/01/2045 00:00:00	♁	12°06'30" ♄	13°45'39"	-01°47'28"	-00°00'30"	29.381
07/01/2045 00:00:00	♁	01°04'38" ♃	-21°35'46"	-11°16'39"	00°01'17"	40.940

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07/01/2045 00:00:00	♁	02°40'53" ♀	-10°31'01"	00°00'00"	00°00'26"	0.003	
07/01/2045 00:00:00	♅	18°59'53" ♃	-00°35'13"	-05°22'00"	-00°00'36"	8.209	
07/01/2045 00:00:00	♁	25°13'09" ♀	-24°17'09"	♁-03°15'10"	00°06'40"	0.003	
07/01/2045 00:00:00	♁	02°40'53" ♀	-10°31'01"	00°00'00"	00°00'26"	0.003	
07/01/2045 00:00:00	♁	12°08'26" ♀	-26°51'01"	♁	-03°59'10"	-02°35'47"	0.003
07/01/2045 00:00:00	X	29°03'26" ♃	04°52'56"	-06°40'51"	-00°00'06"	93.329	
07/01/2045 00:00:00	Y	13°55'47" ♃	11°09'16"	-11°23'23"	-00°00'32"	78.113	
08/01/2045 00:00:00	♁	18°05'50" ♀	-22°12'45"	-00°00'00"	01°01'08"	0.983	
08/01/2045 00:00:00	♁	21°13'40" ♃	01°57'53"	-01°38'43"	13°59'30"	0.002	
08/01/2045 00:00:00	♁	02°03'30" ♀	-23°42'33"	♁-00°17'23"	01°28'28"	1.313	
08/01/2045 00:00:00	♁	01°10'46" ♀	-23°11'12"	00°14'36"	01°15'15"	1.607	
08/01/2045 00:00:00	♁	14°02'33" ♃	-17°41'59"	-01°08'11"	00°47'17"	2.197	
08/01/2045 00:00:00	♁	12°01'48" ♃	-17°48'08"	-00°38'42"	00°13'40"	5.951	
08/01/2045 00:00:00	♁	07°49'13" ♀	-19°51'47"	01°46'11"	00°05'59"	10.712	
08/01/2045 00:00:00	♁	26°16'42" ♃	13°28'12"	00°45'34"	-00°01'52"	17.585	
08/01/2045 00:00:00	♁	12°06'01" ♃	13°45'34"	-01°47'25"	-00°00'28"	29.396	
08/01/2045 00:00:00	♁	01°05'56" ♀	-21°35'09"	-11°16'30"	00°01'18"	40.952	
08/01/2045 00:00:00	♁	02°41'50" ♀	-10°30'40"	00°00'00"	00°01'19"	0.003	
08/01/2045 00:00:00	♅	18°59'14" ♃	-00°35'17"	-05°22'20"	-00°00'43"	8.194	

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08/01/2045 00:00:00	☾	25°19'49" ♍	-24°15'14" ♁	-03°14'28" ♁	00°06'40" ♁	0.003
08/01/2045 00:00:00	♁	02°41'50" ♉	-10°30'40" ♁	00°00'00" ♁	00°01'19" ♁	0.003
08/01/2045 00:00:00	♁	09°38'26" ♍	-27°12'21" ♁	-04°07'54" ♁	-02°19'01" ♁	0.003
08/01/2045 00:00:00	X	29°03'20" ♄	04°53'00" ♁	-06°40'44" ♁	-00°00'05" ♁	93.345
08/01/2045 00:00:00	Y	13°55'15" ♄	11°09'18" ♁	-11°23'18" ♁	-00°00'32" ♁	78.123
09/01/2045 00:00:00	☉	19°06'59" ♍	-22°04'22" ♁	-00°00'00" ♁	01°01'08" ♁	0.983
09/01/2045 00:00:00	☾	04°59'59" ♋	-04°31'30" ♁	-02°45'57" ♁	13°33'21" ♁	0.003
09/01/2045 00:00:00	♀	03°32'15" ♍	-23°47'47" ♁	-00°24'30" ♁	01°29'01" ♁	1.324
09/01/2045 00:00:00	♀	02°26'01" ♍	-23°12'43" ♁	00°12'03" ♁	01°15'15" ♁	1.610
09/01/2045 00:00:00	♂	14°49'52" ♋	-17°27'55" ♁	-01°07'55" ♁	00°47'18" ♁	2.200
09/01/2045 00:00:00	♃	12°15'29" ♋	-17°44'20" ♁	-00°38'44" ♁	00°13'42" ♁	5.957
09/01/2045 00:00:00	♃	07°55'11" ♉	-19°52'40" ♁	01°46'15" ♁	00°05'56" ♁	10.701
09/01/2045 00:00:00	♃	26°14'48" ♏	13°28'53" ♁	00°45'35" ♁	-00°01'55" ♁	17.574
09/01/2045 00:00:00	♃	12°05'33" ♄	13°45'29" ♁	-01°47'21" ♁	-00°00'26" ♁	29.412
09/01/2045 00:00:00	♃	01°07'15" ♉	-21°34'32" ♁	-11°16'21" ♁	00°01'19" ♁	40.964
09/01/2045 00:00:00	♁	02°43'12" ♉	-10°30'11" ♁	00°00'00" ♁	00°01'13" ♁	0.003
09/01/2045 00:00:00	♃	18°58'27" ♄	-00°35'18" ♁	-05°22'41" ♁	-00°00'49" ♁	8.178
09/01/2045 00:00:00	☾	25°26'30" ♍	-24°13'19" ♁	-03°13'47" ♁	00°06'40" ♁	0.003
09/01/2045 00:00:00	♁	02°43'12" ♉	-10°30'11" ♁	00°00'00" ♁	00°01'13" ♁	0.003

Ephemerides year 2045

09/01/2045 00:00:00	T♄	07°40'24" ♍	-27°26'47" ♁	-04°14'25"	-01°32'40"	0.003
09/01/2045 00:00:00	X	29°03'15" ♏	04°53'05"	-06°40'38"	-00°00'04"	93.362
09/01/2045 00:00:00	Y	13°54'43" ♏	11°09'20"	-11°23'12"	-00°00'31"	78.132
10/01/2045 00:00:00	☉	20°08'07" ♍	-21°55'34"	-00°00'00"	01°01'08"	0.983
10/01/2045 00:00:00	☾	18°21'07" ♎	-10°36'47"	-03°42'01"	13°09'22"	0.003
10/01/2045 00:00:00	♀	05°01'33" ♍	-23°51'50" ♁	-00°31'27"	01°29'34"	1.333
10/01/2045 00:00:00	♀	03°41'17" ♍	-23°13'32"	00°09'31"	01°15'16"	1.613
10/01/2045 00:00:00	♂	15°37'11" ♎	-17°13'40"	-01°07'39"	00°47'19"	2.203
10/01/2045 00:00:00	♃	12°29'13" ♎	-17°40'31"	-00°38'47"	00°13'45"	5.963
10/01/2045 00:00:00	♅	08°01'06" ♏	-19°53'33"	01°46'19"	00°05'53"	10.690
10/01/2045 00:00:00	♁	26°12'51" ♏	13°29'34"	00°45'37"	-00°01'57"	17.564
10/01/2045 00:00:00	♃	12°05'08" ♏	13°45'24"	-01°47'18"	-00°00'24"	29.428
10/01/2045 00:00:00	♁	01°08'35" ♏	-21°33'55"	-11°16'13"	00°01'20"	40.976
10/01/2045 00:00:00	♁	02°43'59" ♏	-10°29'54"	00°00'00"	00°00'13"	0.003
10/01/2045 00:00:00	♁	18°57'34" ♏	-00°35'15"	-05°23'01"	-00°00'56"	8.163
10/01/2045 00:00:00	♁	25°33'10" ♍	-24°11'23" ♁	-03°13'06"	00°06'40"	0.003
10/01/2045 00:00:00	T♁	02°43'59" ♏	-10°29'54"	00°00'00"	00°00'13"	0.003
10/01/2045 00:00:00	T♄	06°39'24" ♍	-27°33'24" ♁	-04°17'38"	-00°27'32"	0.003
10/01/2045 00:00:00	X	29°03'11" ♏	04°53'09"	-06°40'31"	-00°00'04"	93.379

Ephemerides year 2045

10/01/2045 00:00:00	Y	13°54'11" ♀	11°09'22"	-11°23'06"	-00°00'31"	78.141
11/01/2045 00:00:00	☉	21°09'16" ♄	-21°46'20"	-00°00'00"	01°01'08"	0.983
11/01/2045 00:00:00	☾	01°19'48" ♃	-16°04'18"	-04°24'59"	12°48'35"	0.003
11/01/2045 00:00:00	♀	06°31'24" ♄	-23°54'40"	0-00°38'13"	01°30'06"	1.342
11/01/2045 00:00:00	♀	04°56'33" ♄	-23°13'37"	00°06'58"	01°15'16"	1.616
11/01/2045 00:00:00	♂	16°24'31" ♁	-16°59'14"	-01°07'23"	00°47'20"	2.205
11/01/2045 00:00:00	♃	12°43'00" ♁	-17°36'40"	-00°38'49"	00°13'47"	5.969
11/01/2045 00:00:00	♅	08°06'58" ♀	-19°54'24"	01°46'23"	00°05'50"	10.678
11/01/2045 00:00:00	♁	26°10'53" ♃	13°30'16"	00°45'39"	-00°01'59"	17.554
11/01/2045 00:00:00	♃	12°04'45" ♃	13°45'21"	-01°47'14"	-00°00'22"	29.445
11/01/2045 00:00:00	♁	01°09'56" ♃	-21°33'17"	-11°16'04"	00°01'21"	40.988
11/01/2045 00:00:00	♁	02°43'25" ♃	-10°30'06"	00°00'00"	-00°01'25"	0.003
11/01/2045 00:00:00	♃	18°56'34" ♃	-00°35'10"	-05°23'21"	-00°01'03"	8.148
11/01/2045 00:00:00	♀	25°39'51" ♄	-24°09'27"	0-03°12'24"	00°06'40"	0.003
11/01/2045 00:00:00	T♁	02°43'25" ♃	-10°30'06"	00°00'00"	-00°01'25"	0.003
11/01/2045 00:00:00	T♀	06°46'22" ♄	-27°32'38"	0-04°17'14"	00°40'52"	0.003
11/01/2045 00:00:00	X	29°03'07" ♃	04°53'14"	-06°40'25"	-00°00'03"	93.396
11/01/2045 00:00:00	Y	13°53'40" ♀	11°09'25"	-11°23'00"	-00°00'30"	78.151
12/01/2045 00:00:00	☉	22°10'24" ♄	-21°36'40"	-00°00'00"	01°01'08"	0.983

Ephemerides year 2045

12/01/2045 00:00:00	♃	13°59'30"	♍	-20°42'17"	-04°53'49"	12°31'24"	0.003	
12/01/2045 00:00:00	♆	08°01'45"	♌	-23°56'15"	♁-00°44'48"	01°30'37"	1.351	
12/01/2045 00:00:00	♀	06°11'50"	♌	-23°13'00"	00°04'25"	01°15'16"	1.619	
12/01/2045 00:00:00	♂	17°11'51"	♍	-16°44'38"	-01°07'06"	00°47'21"	2.208	
12/01/2045 00:00:00	♃	12°56'48"	♍	-17°32'47"	-00°38'52"	00°13'49"	5.974	
12/01/2045 00:00:00	♁	08°12'47"	♌	-19°55'15"	01°46'27"	00°05'47"	10.667	
12/01/2045 00:00:00	♁	26°08'52"	♁	13°30'58"	00°45'41"	-00°02'01"	17.544	
12/01/2045 00:00:00	♆	12°04'24"	♁	13°45'18"	-01°47'11"	-00°00'20"	29.461	
12/01/2045 00:00:00	♁	01°11'18"	♁	-21°32'39"	-11°15'56"	00°01'22"	41.000	
12/01/2045 00:00:00	♁	02°41'03"	♁	-10°30'57"	00°00'00"	-00°03'21"	0.003	
12/01/2045 00:00:00	♁	18°55'26"	♁	-00°35'02"	-05°23'40"	-00°01'10"	8.133	
12/01/2045 00:00:00	♁	25°46'31"	♌	-24°07'30"	♁-03°11'43"	00°06'40"	0.003	
12/01/2045 00:00:00	♁	02°41'03"	♁	-10°30'57"	00°00'00"	-00°03'21"	0.003	
12/01/2045 00:00:00	♁	07°58'15"	♌	-27°24'38"	♁	-04°13'21"	01°40'48"	0.003
12/01/2045 00:00:00	X	29°03'04"	♁	04°53'19"	-06°40'18"	-00°00'02"	93.413	
12/01/2045 00:00:00	Y	13°53'10"	♁	11°09'27"	-11°22'54"	-00°00'30"	78.161	
13/01/2045 00:00:00	♁	23°11'33"	♌	-21°26'35"	-00°00'00"	01°01'08"	0.984	
13/01/2045 00:00:00	♃	26°23'49"	♍	-24°20'06"	♁-05°08'12"	12°17'46"	0.003	
13/01/2045 00:00:00	♆	09°32'38"	♌	-23°56'35"	♁-00°51'11"	01°31'07"	1.359	

Ephemerides year 2045

13/01/2045 00:00:00	♀	07°27'06" ♄	-23°11'39"	00°01'53"	01°15'16"	1.622	
13/01/2045 00:00:00	♂	17°59'13" ♁	-16°29'51"	-01°06'49"	00°47'21"	2.211	
13/01/2045 00:00:00	♃	13°10'39" ♁	-17°28'53"	-00°38'55"	00°13'52"	5.980	
13/01/2045 00:00:00	♅	08°18'33" ♀	-19°56'05"	01°46'31"	00°05'43"	10.655	
13/01/2045 00:00:00	♁	26°06'49" ♃	13°31'42"	00°45'43"	-00°02'03"	17.534	
13/01/2045 00:00:00	♃	12°04'05" ♃	13°45'15"	-01°47'07"	-00°00'17"	29.477	
13/01/2045 00:00:00	♁	01°12'41" ♃	-21°32'02"	-11°15'48"	00°01'23"	41.011	
13/01/2045 00:00:00	♁	02°36'46" ♃	-10°32'30"	00°00'00"	-00°05'10"	0.003	
13/01/2045 00:00:00	♃	18°54'13" ♃	-00°34'51"	-05°24'00"	-00°01'17"	8.118	
13/01/2045 00:00:00	♁	25°53'12" ♄	-24°05'33"	♁-03°11'01"	00°06'40"	0.003	
13/01/2045 00:00:00	♁	02°36'46" ♃	-10°32'30"	00°00'00"	-00°05'10"	0.003	
13/01/2045 00:00:00	♁	10°03'11" ♄	-27°08'57"	♁	-04°06'24"	02°26'28"	0.003
13/01/2045 00:00:00	X	29°03'01" ♃	04°53'24"	-06°40'12"	-00°00'02"	93.429	
13/01/2045 00:00:00	Y	13°52'40" ♃	11°09'30"	-11°22'48"	-00°00'29"	78.171	
14/01/2045 00:00:00	♁	24°12'41" ♄	-21°16'05"	-00°00'00"	01°01'08"	0.984	
14/01/2045 00:00:00	♁	08°36'06" ♀	-26°48'24"	♁-05°08'17"	12°07'18"	0.003	
14/01/2045 00:00:00	♁	11°04'01" ♄	-23°55'39"	♁-00°57'23"	01°31'38"	1.366	
14/01/2045 00:00:00	♀	08°42'23" ♄	-23°09'36"	-00°00'37"	01°15'17"	1.625	
14/01/2045 00:00:00	♂	18°46'35" ♁	-16°14'53"	-01°06'31"	00°47'22"	2.214	

Ephemerides year 2045

14/01/2045 00:00:00	♃	13°24'33" ♊	-17°24'57"	-00°38'57"	00°13'54"	5.985
14/01/2045 00:00:00	♅	08°24'15" ♌	-19°56'54"	01°46'36"	00°05'40"	10.643
14/01/2045 00:00:00	♆	26°04'45" ♍	13°32'26"	00°45'44"	-00°02'05"	17.525
14/01/2045 00:00:00	♇	12°03'48" ♎	13°45'14"	-01°47'03"	-00°00'15"	29.494
14/01/2045 00:00:00	♁	01°14'06" ♋	-21°31'24"	-11°15'41"	00°01'24"	41.022
14/01/2045 00:00:00	♄	02°30'51" ♉	-10°34'37"	00°00'00"	-00°06'33"	0.003
14/01/2045 00:00:00	♆	18°52'52" ♍	-00°34'37"	-05°24'18"	-00°01'23"	8.104
14/01/2045 00:00:00	♁	25°59'52" ♋	-24°03'36"	o-03°10'19"	00°06'40"	0.003
14/01/2045 00:00:00	♄	02°30'51" ♉	-10°34'37"	00°00'00"	-00°06'33"	0.003
14/01/2045 00:00:00	♁	12°45'57" ♋	-26°45'09"	o-03°56'53"	02°56'31"	0.003
14/01/2045 00:00:00	X	29°03'00" ♏	04°53'30"	-06°40'05"	-00°00'01"	93.446
14/01/2045 00:00:00	Y	13°52'11" ♏	11°09'33"	-11°22'42"	-00°00'29"	78.182
15/01/2045 00:00:00	♁	25°13'50" ♋	-21°05'11"	-00°00'00"	01°01'08"	0.984
15/01/2045 00:00:00	♃	20°39'21" ♌	-28°00'15"	o-04°54'37"	11°59'34"	0.003
15/01/2045 00:00:00	♁	12°35'54" ♋	-23°53'24"	o-01°03'21"	01°32'08"	1.373
15/01/2045 00:00:00	♁	09°57'41" ♋	-23°06'50"	-00°03'09"	01°15'17"	1.627
15/01/2045 00:00:00	♂	19°33'58" ♊	-15°59'46"	-01°06'13"	00°47'23"	2.216
15/01/2045 00:00:00	♃	13°38'28" ♊	-17°21'00"	-00°39'00"	00°13'56"	5.990
15/01/2045 00:00:00	♅	08°29'53" ♌	-19°57'42"	01°46'40"	00°05'36"	10.631

Ephemerides year 2045

15/01/2045 00:00:00	♃	26°02'38" ♏r	13°33'10"	00°45'46"	-00°02'07"	17.516
15/01/2045 00:00:00	♃	12°03'33" ♏r	13°45'13"	-01°47'00"	-00°00'13"	29.510
15/01/2045 00:00:00	♃	01°15'31" ♃	-21°30'46"	-11°15'33"	00°01'25"	41.033
15/01/2045 00:00:00	♁	02°23'53" ♃r	-10°37'07"	00°00'00"	-00°07'15"	0.003
15/01/2045 00:00:00	♃	18°51'25" ♃r	-00°34'20"	-05°24'37"	-00°01'30"	8.089
15/01/2045 00:00:00	♁	26°06'33" ♃	-24°01'38" o	-03°09'37"	00°06'40"	0.003
15/01/2045 00:00:00	T♁	02°23'53" ♃r	-10°37'07"	00°00'00"	-00°07'15"	0.003
15/01/2045 00:00:00	T♁	15°51'33" ♃	-26°13'25" o	-03°45'25"	03°12'35"	0.003
15/01/2045 00:00:00	X	29°02'59" ♃r	04°53'35"	-06°39'59"	-00°00'00"	93.463
15/01/2045 00:00:00	Y	13°51'42" ♃r	11°09'36"	-11°22'36"	-00°00'28"	78.192
16/01/2045 00:00:00	♁	26°14'58" ♃	-20°53'52"	-00°00'00"	01°01'07"	0.984
16/01/2045 00:00:00	♃	02°36'02" ♃	-27°52'42" o	-04°28'10"	11°54'07"	0.003
16/01/2045 00:00:00	♁	14°08'18" ♃	-23°49'51" o	-01°09'07"	01°32'39"	1.380
16/01/2045 00:00:00	♀	11°12'58" ♃	-23°03'21"	-00°05'39"	01°15'17"	1.630
16/01/2045 00:00:00	♂	20°21'21" ♃	-15°44'28"	-01°05'55"	00°47'23"	2.219
16/01/2045 00:00:00	♃	13°52'25" ♃	-17°17'02"	-00°39'03"	00°13'58"	5.994
16/01/2045 00:00:00	♃	08°35'28" ♃	-19°58'30"	01°46'45"	00°05'33"	10.619
16/01/2045 00:00:00	♃	26°00'29" ♏r	13°33'55"	00°45'47"	-00°02'09"	17.507
16/01/2045 00:00:00	♃	12°03'21" ♏r	13°45'12"	-01°46'56"	-00°00'11"	29.527

Ephemerides year 2045

16/01/2045 00:00:00	♁	01°16'56" ♈	-21°30'07"	-11°15'26"	00°01'26"	41.044	
16/01/2045 00:00:00	♁	02°16'35" ♈	-10°39'44"	00°00'00"	-00°07'12"	0.003	
16/01/2045 00:00:00	♁	18°49'51" ♈	-00°34'01"	-05°24'55"	-00°01'37"	8.075	
16/01/2045 00:00:00	♁	26°13'14" ♈	-23°59'41"	o-03°08'55"	00°06'40"	0.003	
16/01/2045 00:00:00	♁	02°16'35" ♈	-10°39'44"	00°00'00"	-00°07'12"	0.003	
16/01/2045 00:00:00	♁	19°07'42" ♈	-25°34'43"	o	-03°32'37"	03°18'26"	0.003
16/01/2045 00:00:00	X	29°02'58" ♈	04°53'41"	-06°39'52"	00°00'00"	93.480	
16/01/2045 00:00:00	Y	13°51'14" ♈	11°09'39"	-11°22'29"	-00°00'27"	78.203	
17/01/2045 00:00:00	♁	27°16'05" ♈	-20°42'10"	-00°00'00"	01°01'07"	0.984	
17/01/2045 00:00:00	♁	14°28'14" ♈	-26°27'50"	o-03°50'12"	11°50'36"	0.003	
17/01/2045 00:00:00	♁	15°41'13" ♈	-23°44'57"	o-01°14'39"	01°33'09"	1.386	
17/01/2045 00:00:00	♁	12°28'15" ♈	-22°59'10"	-00°08'09"	01°15'17"	1.633	
17/01/2045 00:00:00	♁	21°08'45" ♈	-15°29'01"	-01°05'36"	00°47'23"	2.222	
17/01/2045 00:00:00	♁	14°06'25" ♈	-17°13'02"	-00°39'06"	00°14'00"	5.999	
17/01/2045 00:00:00	♁	08°41'00" ♈	-19°59'16"	01°46'49"	00°05'29"	10.607	
17/01/2045 00:00:00	♁	25°58'18" ♈	13°34'41"	00°45'49"	-00°02'11"	17.498	
17/01/2045 00:00:00	♁	12°03'10" ♈	13°45'13"	-01°46'53"	-00°00'09"	29.544	
17/01/2045 00:00:00	♁	01°18'23" ♈	-21°29'29"	-11°15'19"	00°01'27"	41.054	
17/01/2045 00:00:00	♁	02°09'43" ♈	-10°42'11"	00°00'00"	-00°06'25"	0.003	

Ephemerides year 2045

17/01/2045 00:00:00	♄	18°48'11" ♍r	-00°33'38"	-05°25'13"	-00°01'43"	8.061
17/01/2045 00:00:00	♁	26°19'54" ♍	-23°57'42"	♁-03°08'13"	00°06'40"	0.003
17/01/2045 00:00:00	♁♁	02°09'43" ♋r	-10°42'11"	00°00'00"	-00°06'25"	0.003
17/01/2045 00:00:00	♁♁	22°26'51" ♍	-24°50'14"	♁	-03°18'59" 03°19'31"	0.003
17/01/2045 00:00:00	X	29°02'59" ♀	04°53'48"	-06°39'46"	00°00'00"	93.497
17/01/2045 00:00:00	Y	13°50'46" ♁r	11°09'43"	-11°22'23"	-00°00'27"	78.214
18/01/2045 00:00:00	♁	28°17'12" ♍	-20°30'04"	-00°00'00"	01°01'06"	0.984
18/01/2045 00:00:00	♁	26°17'49" ♍	-23°52'23"	♁-03°02'24"	11°48'50"	0.003
18/01/2045 00:00:00	♁	17°14'38" ♍	-23°38'43"	♁-01°19'56"	01°33'41"	1.391
18/01/2045 00:00:00	♁	13°43'32" ♍	-22°54'16"	-00°10'38"	01°15'17"	1.635
18/01/2045 00:00:00	♁	21°56'09" ♋	-15°13'25"	-01°05'17"	00°47'24"	2.225
18/01/2045 00:00:00	♁	14°20'26" ♋	-17°09'01"	-00°39'09"	00°14'01"	6.003
18/01/2045 00:00:00	♁	08°46'28" ♋	-20°00'02"	01°46'54"	00°05'25"	10.594
18/01/2045 00:00:00	♁	25°56'05" ♋r	13°35'28"	00°45'51"	-00°02'13"	17.490
18/01/2045 00:00:00	♁	12°03'02" ♋r	13°45'13"	-01°46'49"	-00°00'07"	29.561
18/01/2045 00:00:00	♁	01°19'51" ♋	-21°28'51"	-11°15'13"	00°01'27"	41.064
18/01/2045 00:00:00	♁	02°03'55" ♋r	-10°44'16"	00°00'00"	-00°05'04"	0.003
18/01/2045 00:00:00	♁	18°46'24" ♍r	-00°33'12"	-05°25'30"	-00°01'50"	8.047
18/01/2045 00:00:00	♁	26°26'35" ♍	-23°55'44"	♁-03°07'31"	00°06'40"	0.003

Ephemerides year 2045

18/01/2045 00:00:00	T♄	02°03'55" ♈	-10°44'16"	00°00'00"	-00°05'04"	0.003
18/01/2045 00:00:00	T♄	25°46'59" ♈	-24°00'29" ♁	-03°04'39"	03°21'10"	0.003
18/01/2045 00:00:00	X	29°03'00" ♈	04°53'54"	-06°39'39"	00°00'01"	93.514
18/01/2045 00:00:00	Y	13°50'19" ♉	11°09'46"	-11°22'16"	-00°00'26"	78.226
19/01/2045 00:00:00	☉	29°18'19" ♈	-20°17'34"	-00°00'00"	01°01'06"	0.984
19/01/2045 00:00:00	☾	08°06'30" ♍	-20°16'31"	-02°06'41"	11°48'51"	0.003
19/01/2045 00:00:00	♀	18°48'35" ♈	-23°31'07" ♁	-01°25'00"	01°34'12"	1.396
19/01/2045 00:00:00	♀	14°58'50" ♈	-22°48'39"	-00°13'05"	01°15'17"	1.638
19/01/2045 00:00:00	♂	22°43'33" ♍	-14°57'39"	-01°04'57"	00°47'24"	2.227
19/01/2045 00:00:00	♃	14°34'29" ♍	-17°04'58"	-00°39'12"	00°14'03"	6.007
19/01/2045 00:00:00	♅	08°51'52" ♈	-20°00'46"	01°46'59"	00°05'22"	10.581
19/01/2045 00:00:00	♁	25°53'51" ♈	13°36'15"	00°45'52"	-00°02'15"	17.482
19/01/2045 00:00:00	♂	12°02'55" ♉	13°45'15"	-01°46'45"	-00°00'05"	29.578
19/01/2045 00:00:00	♁	01°21'19" ♈	-21°28'12"	-11°15'06"	00°01'28"	41.074
19/01/2045 00:00:00	♁	01°59'41" ♈	-10°45'47"	00°00'00"	-00°03'22"	0.003
19/01/2045 00:00:00	♁	18°44'30" ♉	-00°32'44"	-05°25'47"	-00°01'56"	8.034
19/01/2045 00:00:00	♁	26°33'15" ♈	-23°53'45" ♁	-03°06'49"	00°06'40"	0.003
19/01/2045 00:00:00	T♄	01°59'41" ♈	-10°45'47"	00°00'00"	-00°03'22"	0.003
19/01/2045 00:00:00	T♄	29°10'12" ♈	-23°05'04"	-02°49'32"	03°25'39"	0.003

Ephemerides year 2045

19/01/2045 00:00:00	X	29°03'01" ♃	04°54'01"	-06°39'33"	00°00'02"	93.531
19/01/2045 00:00:00	Y	13°49'52" ♃	11°09'50"	-11°22'09"	-00°00'26"	78.237
20/01/2045 00:00:00	☉	00°19'25" ♋	-20°04'42"	-00°00'00"	01°01'05"	0.984
20/01/2045 00:00:00	☾	19°56'11" ♋	-15°51'53"	-01°05'18"	11°50'52"	0.003
20/01/2045 00:00:00	♀	20°23'03" ♌	-23°22'08"	-01°29'48"	01°34'44"	1.401
20/01/2045 00:00:00	♀	16°14'07" ♌	-22°42'21"	-00°15'32"	01°15'16"	1.641
20/01/2045 00:00:00	♂	23°30'58" ♋	-14°41'44"	-01°04'37"	00°47'24"	2.230
20/01/2045 00:00:00	♃	14°48'33" ♋	-17°00'54"	-00°39'15"	00°14'05"	6.011
20/01/2045 00:00:00	♅	08°57'12" ♌	-20°01'30"	01°47'04"	00°05'18"	10.568
20/01/2045 00:00:00	♁	25°51'34" ♋	13°37'02"	00°45'53"	-00°02'17"	17.474
20/01/2045 00:00:00	♃	12°02'50" ♋	13°45'17"	-01°46'42"	-00°00'03"	29.594
20/01/2045 00:00:00	♁	01°22'48" ♋	-21°27'34"	-11°15'00"	00°01'29"	41.084
20/01/2045 00:00:00	♁	01°57'12" ♋	-10°46'40"	00°00'00"	-00°01'35"	0.003
20/01/2045 00:00:00	♁	18°42'30" ♋	-00°32'12"	-05°26'03"	-00°02'03"	8.020
20/01/2045 00:00:00	♁	26°39'56" ♌	-23°51'45"	-03°06'07"	00°06'40"	0.003
20/01/2045 00:00:00	T♁	01°57'12" ♋	-10°46'40"	00°00'00"	-00°01'35"	0.003
20/01/2045 00:00:00	T♁	02°38'30" ♋	-22°03'23"	-02°33'29"	03°30'34"	0.003
20/01/2045 00:00:00	X	29°03'04" ♃	04°54'08"	-06°39'26"	00°00'02"	93.548
20/01/2045 00:00:00	Y	13°49'26" ♃	11°09'54"	-11°22'02"	-00°00'25"	78.249

Ephemerides year 2045

21/01/2045 00:00:00	☉	01°20'30" ♊	-19°51'27"	00°00'00"	01°01'04"	0.984
21/01/2045 00:00:00	☾	01°49'03" ♋	-10°50'13"	-00°00'40"	11°55'16"	0.003
21/01/2045 00:00:00	♀	21°58'05" ♌	-23°11'46"	-01°34'21"	01°35'17"	1.404
21/01/2045 00:00:00	♁	17°29'23" ♌	-22°35'21"	-00°17'58"	01°15'16"	1.643
21/01/2045 00:00:00	♂	24°18'22" ♊	-14°25'41"	-01°04'17"	00°47'24"	2.233
21/01/2045 00:00:00	♃	15°02'39" ♊	-16°56'49"	-00°39'19"	00°14'06"	6.015
21/01/2045 00:00:00	♄	09°02'28" ♌	-20°02'13"	01°47'09"	00°05'14"	10.555
21/01/2045 00:00:00	♅	25°49'16" ♌♁	13°37'50"	00°45'55"	-00°02'18"	17.467
21/01/2045 00:00:00	♆	12°02'48" ♌♁	13°45'20"	-01°46'38"	-00°00'01"	29.612
21/01/2045 00:00:00	♇	01°24'18" ♋	-21°26'55"	-11°14'54"	00°01'30"	41.093
21/01/2045 00:00:00	♈	01°56'25" ♋♁	-10°46'57"	00°00'00"	-00°00'00"	0.003
21/01/2045 00:00:00	♉	18°40'24" ♌♁	-00°31'38"	-05°26'19"	-00°02'09"	8.007
21/01/2045 00:00:00	♊	26°46'36" ♌	-23°49'45"	♁-03°05'24"	00°06'40"	0.003
21/01/2045 00:00:00	♋♁	01°56'25" ♋♁	-10°46'57"	00°00'00"	-00°00'00"	0.003
21/01/2045 00:00:00	♌♁	06°09'37" ♊	-20°56'07"	-02°16'39"	03°30'16"	0.003
21/01/2045 00:00:00	X	29°03'07" ♋	04°54'15"	-06°39'20"	00°00'03"	93.566
21/01/2045 00:00:00	Y	13°49'01" ♋♁	11°09'58"	-11°21'55"	-00°00'25"	78.261
22/01/2045 00:00:00	☉	02°21'35" ♊	-19°37'50"	00°00'00"	01°01'03"	0.984
22/01/2045 00:00:00	☾	13°47'42" ♋	-05°22'40"	01°04'38"	12°02'33"	0.003

Ephemerides year 2045

22/01/2045 00:00:00	♀	23°33'39" ♍	-23°00'00"	-01°38'37"	01°35'51"	1.408
22/01/2045 00:00:00	♀	18°44'40" ♍	-22°27'40"	-00°20'22"	01°15'16"	1.646
22/01/2045 00:00:00	♂	25°05'47" ♋	-14°09'29"	-01°03'56"	00°47'24"	2.236
22/01/2045 00:00:00	♃	15°16'46" ♋	-16°52'42"	-00°39'22"	00°14'07"	6.018
22/01/2045 00:00:00	♅	09°07'40" ♌	-20°02'55"	01°47'15"	00°05'10"	10.542
22/01/2045 00:00:00	♁	25°46'56" ♉	13°38'39"	00°45'56"	-00°02'20"	17.460
22/01/2045 00:00:00	♃	12°02'48" ♌	13°45'23"	-01°46'34"	00°00'00"	29.629
22/01/2045 00:00:00	♁	01°25'49" ♉	-21°26'17"	-11°14'49"	00°01'30"	41.103
22/01/2045 00:00:00	♁	01°57'02" ♉	-10°46'44"	00°00'00"	00°01'09"	0.003
22/01/2045 00:00:00	♃	18°38'11" ♌	-00°31'00"	-05°26'35"	-00°02'15"	7.994
22/01/2045 00:00:00	♁	26°53'16" ♍	-23°47'45"	0-03°04'42"	00°06'40"	0.003
22/01/2045 00:00:00	T♁	01°57'02" ♉	-10°46'44"	00°00'00"	00°01'09"	0.003
22/01/2045 00:00:00	T♁	09°35'21" ♋	-19°46'17"	-01°59'46"	03°18'57"	0.003
22/01/2045 00:00:00	X	29°03'10" ♌	04°54'23"	-06°39'13"	00°00'03"	93.583
22/01/2045 00:00:00	Y	13°48'36" ♉	11°10'03"	-11°21'48"	-00°00'24"	78.273
23/01/2045 00:00:00	♁	03°22'38" ♋	-19°23'51"	00°00'00"	01°01'03"	0.984
23/01/2045 00:00:00	♃	25°55'17" ♌	00°20'11"	02°07'56"	12°13'12"	0.003
23/01/2045 00:00:00	♀	25°09'47" ♍	-22°46'49"	-01°42'37"	01°36'25"	1.411
23/01/2045 00:00:00	♀	19°59'56" ♍	-22°19'17"	-00°22'45"	01°15'16"	1.648

Ephemerides year 2045

23/01/2045 00:00:00	♂	25°53'11" ♊	-13°53'08"	-01°03'35"	00°47'24"	2.238
23/01/2045 00:00:00	♃	15°30'55" ♊	-16°48'34"	-00°39'25"	00°14'09"	6.022
23/01/2045 00:00:00	♅	09°12'48" ♌	-20°03'36"	01°47'20"	00°05'06"	10.528
23/01/2045 00:00:00	♁	25°44'35" ♏	13°39'28"	00°45'58"	-00°02'22"	17.453
23/01/2045 00:00:00	♆	12°02'49" ♏	13°45'28"	-01°46'30"	00°00'02"	29.646
23/01/2045 00:00:00	♁	01°27'20" ♌	-21°25'38"	-11°14'43"	00°01'31"	41.112
23/01/2045 00:00:00	♁	01°58'33" ♌	-10°46'11"	00°00'00"	00°01'46"	0.003
23/01/2045 00:00:00	♆	18°35'52" ♏	-00°30'20"	-05°26'50"	-00°02'21"	7.981
23/01/2045 00:00:00	♁	26°59'57" ♏	-23°45'45"	-03°03'59"	00°06'40"	0.003
23/01/2045 00:00:00	♁	01°58'33" ♌	-10°46'11"	00°00'00"	00°01'46"	0.003
23/01/2045 00:00:00	♁	12°42'33" ♊	-18°39'19"	-01°44'02"	02°52'44"	0.003
23/01/2045 00:00:00	X	29°03'15" ♏	04°54'30"	-06°39'06"	00°00'04"	93.600
23/01/2045 00:00:00	Y	13°48'12" ♏	11°10'07"	-11°21'41"	-00°00'23"	78.286
24/01/2045 00:00:00	♁	04°23'41" ♊	-19°09'30"	00°00'00"	01°01'02"	0.984
24/01/2045 00:00:00	♁	08°15'24" ♏	06°07'46"	03°06'28"	12°27'41"	0.003
24/01/2045 00:00:00	♁	26°46'31" ♏	-22°32'12"	-01°46'19"	01°37'00"	1.413
24/01/2045 00:00:00	♀	21°15'12" ♏	-22°10'13"	-00°25'07"	01°15'15"	1.650
24/01/2045 00:00:00	♂	26°40'36" ♊	-13°36'39"	-01°03'13"	00°47'24"	2.241
24/01/2045 00:00:00	♃	15°45'05" ♊	-16°44'25"	-00°39'29"	00°14'10"	6.025

Ephemerides year 2045

24/01/2045 00:00:00	♄	09°17'52" ♄	-20°04'16"	01°47'25"	00°05'01"	10.515
24/01/2045 00:00:00	♃	25°42'12" ♃	13°40'18"	00°45'59"	-00°02'23"	17.446
24/01/2045 00:00:00	♃	12°02'53" ♃	13°45'32"	-01°46'27"	00°00'04"	29.663
24/01/2045 00:00:00	♃	01°28'52" ♃	-21°25'00"	-11°14'38"	00°01'32"	41.120
24/01/2045 00:00:00	♃	02°00'23" ♃	-10°45'32"	00°00'00"	00°01'46"	0.003
24/01/2045 00:00:00	♃	18°33'27" ♃	-00°29'38"	-05°27'04"	-00°02'27"	7.969
24/01/2045 00:00:00	♃	27°06'37" ♃	-23°43'44"	-03°03'16"	00°06'40"	0.003
24/01/2045 00:00:00	♃	02°00'23" ♃	-10°45'32"	00°00'00"	00°01'46"	0.003
24/01/2045 00:00:00	♃	15°15'16" ♃	-17°42'26"	-01°30'58"	02°09'54"	0.003
24/01/2045 00:00:00	X	29°03'20" ♃	04°54'38"	-06°39'00"	00°00'05"	93.616
24/01/2045 00:00:00	Y	13°47'48" ♃	11°10'12"	-11°21'34"	-00°00'23"	78.298
25/01/2045 00:00:00	♃	05°24'42" ♃	-18°54'48"	00°00'00"	01°01'01"	0.984
25/01/2045 00:00:00	♃	20°52'00" ♃	11°48'29"	03°57'23"	12°46'10"	0.003
25/01/2045 00:00:00	♃	28°23'50" ♃	-22°16'10"	-01°49'44"	01°37'37"	1.415
25/01/2045 00:00:00	♃	22°30'28" ♃	-22°00'29"	-00°27'27"	01°15'15"	1.653
25/01/2045 00:00:00	♃	27°28'00" ♃	-13°20'03"	-01°02'52"	00°47'24"	2.244
25/01/2045 00:00:00	♃	15°59'16" ♃	-16°40'15"	-00°39'32"	00°14'11"	6.027
25/01/2045 00:00:00	♄	09°22'52" ♄	-20°04'55"	01°47'31"	00°04'57"	10.501
25/01/2045 00:00:00	♃	25°39'48" ♃	13°41'07"	00°46'00"	-00°02'24"	17.440

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25/01/2045 00:00:00	♁	12°02'59" ♄	13°45'38"	-01°46'23"	00°00'06"	29.680
25/01/2045 00:00:00	♁	01°30'24" ♃	-21°24'21"	-11°14'33"	00°01'32"	41.129
25/01/2045 00:00:00	♁	02°01'55" ♃	-10°44'59"	00°00'00"	00°01'12"	0.003
25/01/2045 00:00:00	♁	18°30'56" ♃	-00°28'52"	-05°27'18"	-00°02'33"	7.956
25/01/2045 00:00:00	♁	27°13'17" ♃	-23°41'43"	-03°02'34"	00°06'40"	0.003
25/01/2045 00:00:00	♁	02°01'55" ♃	-10°44'59"	00°00'00"	00°01'12"	0.003
25/01/2045 00:00:00	♁	16°57'05" ♃	-17°03'28"	-01°22'09"	01°11'21"	0.003
25/01/2045 00:00:00	X	29°03'25" ♃	04°54'46"	-06°38'53"	00°00'05"	93.633
25/01/2045 00:00:00	Y	13°47'25" ♃	11°10'17"	-11°21'26"	-00°00'22"	78.311
26/01/2045 00:00:00	♁	06°25'43" ♃	-18°39'46"	00°00'00"	01°01'00"	0.985
26/01/2045 00:00:00	♁	03°49'03" ♄	17°08'15"	04°37'43"	13°08'30"	0.003
26/01/2045 00:00:00	♁	00°01'45" ♃	-21°58'42"	-01°52'50"	01°38'14"	1.416
26/01/2045 00:00:00	♁	23°45'44" ♃	-21°50'05"	-00°29'46"	01°15'15"	1.655
26/01/2045 00:00:00	♁	28°15'24" ♃	-13°03'18"	-01°02'29"	00°47'24"	2.246
26/01/2045 00:00:00	♁	16°13'28" ♃	-16°36'04"	-00°39'36"	00°14'12"	6.030
26/01/2045 00:00:00	♁	09°27'48" ♃	-20°05'34"	01°47'37"	00°04'53"	10.487
26/01/2045 00:00:00	♁	25°37'23" ♃	13°41'58"	00°46'01"	-00°02'26"	17.434
26/01/2045 00:00:00	♁	12°03'07" ♄	13°45'44"	-01°46'19"	00°00'09"	29.697
26/01/2045 00:00:00	♁	01°31'58" ♃	-21°23'42"	-11°14'29"	00°01'33"	41.137

Ephemerides year 2045

26/01/2045 00:00:00	♏	02°02'40" ♀	-10°44'43"	00°00'00"	00°00'14"	0.003
26/01/2045 00:00:00	♋	18°28'20" ♀	-00°28'04"	-05°27'32"	-00°02'39"	7.944
26/01/2045 00:00:00	♌	27°19'57" ♀	-23°39'41"	♁-03°01'51"	00°06'40"	0.003
26/01/2045 00:00:00	♏	02°02'40" ♀	-10°44'43"	00°00'00"	00°00'14"	0.003
26/01/2045 00:00:00	♌	17°34'16" ♀	-16°49'03"	-01°18'56"	00°01'49"	0.003
26/01/2045 00:00:00	X	29°03'32" ♀	04°54'54"	-06°38'47"	00°00'06"	93.650
26/01/2045 00:00:00	Y	13°47'03" ♀	11°10'22"	-11°21'19"	-00°00'21"	78.324
27/01/2045 00:00:00	♁	07°26'42" ♀	-18°24'24"	00°00'00"	01°00'58"	0.985
27/01/2045 00:00:00	♂	17°10'03" ♀	21°49'10"	05°04'29"	13°33'55"	0.003
27/01/2045 00:00:00	♀	01°40'18" ♀	-21°39'46"	-01°55'36"	01°38'52"	1.417
27/01/2045 00:00:00	♀	25°00'59" ♀	-21°39'02"	-00°32'02"	01°15'15"	1.657
27/01/2045 00:00:00	♂	29°02'48" ♀	-12°46'26"	-01°02'07"	00°47'23"	2.249
27/01/2045 00:00:00	♃	16°27'41" ♀	-16°31'51"	-00°39'40"	00°14'13"	6.032
27/01/2045 00:00:00	♃	09°32'39" ♀	-20°06'11"	01°47'43"	00°04'49"	10.473
27/01/2045 00:00:00	♃	25°34'56" ♀	13°42'48"	00°46'02"	-00°02'27"	17.428
27/01/2045 00:00:00	♃	12°03'17" ♀	13°45'50"	-01°46'15"	00°00'11"	29.715
27/01/2045 00:00:00	♂	01°33'32" ♀	-21°23'04"	-11°14'24"	00°01'34"	41.145
27/01/2045 00:00:00	♏	02°02'20" ♀	-10°44'50"	00°00'00"	-00°00'55"	0.003
27/01/2045 00:00:00	♋	18°25'37" ♀	-00°27'13"	-05°27'45"	-00°02'45"	7.932

Ephemerides year 2045

27/01/2045 00:00:00	☾	27°26'38" ⚊	-23°37'39" ♁	-03°01'08"	00°06'40"	0.003
27/01/2045 00:00:00	♁	02°02'20" ⚊	-10°44'50"	00°00'00"	-00°00'55"	0.003
27/01/2045 00:00:00	♁	17°00'30" ⚊	-17°02'11"	-01°21'54"	-01°08'15"	0.003
27/01/2045 00:00:00	X	29°03'39" ⚊	04°55'03"	-06°38'40"	00°00'07"	93.667
27/01/2045 00:00:00	Y	13°46'41" ⚊	11°10'27"	-11°21'11"	-00°00'21"	78.337
28/01/2045 00:00:00	☉	08°27'41" ⚊	-18°08'41"	00°00'00"	01°00'57"	0.985
28/01/2045 00:00:00	♃	00°57'27" ⚊	25°28'45" ♁	05°14'55"	14°00'58"	0.002
28/01/2045 00:00:00	♀	03°19'29" ⚊	-21°19'23"	-01°58'03"	01°39'30"	1.417
28/01/2045 00:00:00	♀	26°16'14" ⚊	-21°27'19"	-00°34'18"	01°15'14"	1.660
28/01/2045 00:00:00	♂	29°50'12" ⚊	-12°29'27"	-01°01'44"	00°47'23"	2.252
28/01/2045 00:00:00	♃	16°41'56" ⚊	-16°27'37"	-00°39'43"	00°14'14"	6.035
28/01/2045 00:00:00	♃	09°37'26" ⚊	-20°06'48"	01°47'48"	00°04'45"	10.459
28/01/2045 00:00:00	♃	25°32'28" ⚊	13°43'39"	00°46'03"	-00°02'28"	17.423
28/01/2045 00:00:00	♃	12°03'30" ⚊	13°45'58"	-01°46'12"	00°00'13"	29.732
28/01/2045 00:00:00	♃	01°35'06" ⚊	-21°22'25"	-11°14'20"	00°01'34"	41.152
28/01/2045 00:00:00	♁	02°00'51" ⚊	-10°45'22"	00°00'00"	-00°01'59"	0.003
28/01/2045 00:00:00	♃	18°22'49" ⚊	-00°26'19"	-05°27'57"	-00°02'50"	7.921
28/01/2045 00:00:00	☾	27°33'18" ⚊	-23°35'37" ♁	-03°00'25"	00°06'40"	0.003
28/01/2045 00:00:00	♁	02°00'51" ⚊	-10°45'22"	00°00'00"	-00°01'59"	0.003

Ephemerides year 2045

28/01/2045 00:00:00	T♄	15°22'42" ♊	-17°39'41"	-01°30'24"	-02°03'30"	0.003
28/01/2045 00:00:00	X	29°03'46" ♀	04°55'12"	-06°38'34"	00°00'08"	93.684
28/01/2045 00:00:00	Y	13°46'20" ♋	11°10'32"	-11°21'03"	-00°00'20"	78.351
29/01/2045 00:00:00	☉	09°28'38" ♊	-17°52'39"	00°00'00"	01°00'56"	0.985
29/01/2045 00:00:00	☾	15°11'48" ♋	27°41'34" ♁	05°06'41"	14°27'23"	0.002
29/01/2045 00:00:00	♁	04°59'20" ♊	-20°57'32"	-02°00'09"	01°40'10"	1.417
29/01/2045 00:00:00	♂	27°31'29" ♌	-21°14'57"	-00°36'31"	01°15'14"	1.662
29/01/2045 00:00:00	♂	00°37'35" ♋	-12°12'21"	-01°01'21"	00°47'23"	2.255
29/01/2045 00:00:00	♃	16°56'11" ♊	-16°23'22"	-00°39'47"	00°14'15"	6.037
29/01/2045 00:00:00	♅	09°42'09" ♌	-20°07'23"	01°47'54"	00°04'40"	10.444
29/01/2045 00:00:00	♁	25°29'59" ♋	13°44'30"	00°46'04"	-00°02'29"	17.418
29/01/2045 00:00:00	♃	12°03'44" ♌	13°46'05"	-01°46'08"	00°00'15"	29.749
29/01/2045 00:00:00	♃	01°36'42" ♋	-21°21'46"	-11°14'16"	00°01'35"	41.160
29/01/2045 00:00:00	♁	01°58'27" ♋	-10°46'13"	00°00'00"	-00°02'44"	0.003
29/01/2045 00:00:00	♃	18°19'56" ♋	-00°25'22"	-05°28'09"	-00°02'56"	7.909
29/01/2045 00:00:00	♁	27°39'59" ♌	-23°33'34" ♁	-02°59'42"	00°06'40"	0.003
29/01/2045 00:00:00	T♁	01°58'27" ♋	-10°46'13"	00°00'00"	-00°02'44"	0.003
29/01/2045 00:00:00	T♄	13°03'04" ♊	-18°31'54"	-01°42'24"	-02°30'26"	0.003
29/01/2045 00:00:00	X	29°03'55" ♀	04°55'21"	-06°38'27"	00°00'08"	93.701

Ephemerides year 2045

29/01/2045 00:00:00	Y	13°46'00" ♀	11°10'38"	-11°20'56"	-00°00'19"	78.364
30/01/2045 00:00:00	☉	10°29'34" ♋	-17°36'18"	00°00'00"	01°00'55"	0.985
30/01/2045 00:00:00	☾	29°51'04" ♀	28°04'42" ♁	04°38'34"	14°50'19"	0.002
30/01/2045 00:00:00	♀	06°39'51" ♋	-20°34'13"	-02°01'54"	01°40'51"	1.416
30/01/2045 00:00:00	♀	28°46'43" ♋	-21°01'58"	-00°38'42"	01°15'14"	1.664
30/01/2045 00:00:00	♂	01°24'58" ♋	-11°55'07"	-01°00'57"	00°47'22"	2.257
30/01/2045 00:00:00	♃	17°10'27" ♋	-16°19'06"	-00°39'51"	00°14'16"	6.038
30/01/2045 00:00:00	♄	09°46'48" ♋	-20°07'58"	01°48'01"	00°04'36"	10.430
30/01/2045 00:00:00	♅	25°27'29" ♋	13°45'22"	00°46'05"	-00°02'30"	17.413
30/01/2045 00:00:00	♆	12°04'01" ♋	13°46'14"	-01°46'04"	00°00'17"	29.767
30/01/2045 00:00:00	♇	01°38'18" ♋	-21°21'08"	-11°14'13"	00°01'36"	41.167
30/01/2045 00:00:00	♈	01°55'31" ♋	-10°47'16"	00°00'00"	-00°03'00"	0.003
30/01/2045 00:00:00	♉	18°16'57" ♋	-00°24'24"	-05°28'20"	-00°03'01"	7.898
30/01/2045 00:00:00	♊	27°46'39" ♋	-23°31'31" ♁	-02°58'58"	00°06'40"	0.003
30/01/2045 00:00:00	♋	01°55'31" ♋	-10°47'16"	00°00'00"	-00°03'00"	0.003
30/01/2045 00:00:00	♌	10°31'54" ♋	-19°26'32"	-01°55'13"	-02°27'43"	0.003
30/01/2045 00:00:00	X	29°04'04" ♋	04°55'30"	-06°38'21"	00°00'09"	93.717
30/01/2045 00:00:00	Y	13°45'41" ♀	11°10'43"	-11°20'48"	-00°00'19"	78.378
31/01/2045 00:00:00	☉	11°30'29" ♋	-17°19'39"	00°00'00"	01°00'54"	0.985

Ephemerides year 2045

31/01/2045 00:00:00	♃	14°50'16" ♄	26°26'11" ♁	03°51'02"	15°06'45"	0.002
31/01/2045 00:00:00	♆	08°21'02" ♁	-20°09'26"	-02°03'17"	01°41'32"	1.414
31/01/2045 00:00:00	♀	00°01'57" ♁	-20°48'20"	-00°40'51"	01°15'13"	1.666
31/01/2045 00:00:00	♂	02°12'20" ♃	-11°37'48"	-01°00'34"	00°47'21"	2.260
31/01/2045 00:00:00	♃	17°24'43" ♁	-16°14'49"	-00°39'55"	00°14'16"	6.040
31/01/2045 00:00:00	♃	09°51'22" ♄	-20°08'32"	01°48'07"	00°04'31"	10.415
31/01/2045 00:00:00	♃	25°24'58" ♃	13°46'14"	00°46'06"	-00°02'31"	17.408
31/01/2045 00:00:00	♃	12°04'20" ♃	13°46'23"	-01°46'01"	00°00'19"	29.784
31/01/2045 00:00:00	♃	01°39'54" ♃	-21°20'29"	-11°14'10"	00°01'36"	41.173
31/01/2045 00:00:00	♃	01°52'36" ♃	-10°48'18"	00°00'00"	-00°02'44"	0.003
31/01/2045 00:00:00	♃	18°13'52" ♃	-00°23'22"	-05°28'31"	-00°03'07"	7.887
31/01/2045 00:00:00	♃	27°53'20" ♃	-23°29'28" ♁	-02°58'15"	00°06'40"	0.003
31/01/2045 00:00:00	♃	01°52'36" ♃	-10°48'18"	00°00'00"	-00°02'44"	0.003
31/01/2045 00:00:00	♃	08°13'07" ♁	-20°14'55"	-02°06'49"	-02°08'43"	0.003
31/01/2045 00:00:00	X	29°04'14" ♃	04°55'39"	-06°38'15"	00°00'10"	93.734
31/01/2045 00:00:00	Y	13°45'22" ♃	11°10'49"	-11°20'40"	-00°00'18"	78.392
01/02/2045 00:00:00	♃	12°31'23" ♁	-17°02'41"	00°00'00"	01°00'53"	0.985
01/02/2045 00:00:00	♃	00°01'36" ♃	22°51'18"	02°46'40"	15°14'16"	0.002
01/02/2045 00:00:00	♆	10°02'55" ♁	-19°43'10"	-02°04'17"	01°42'14"	1.412

Ephemerides year 2045

01/02/2045 00:00:00	♀	01°17'11" ♊	-20°34'06"	-00°42'58"	01°15'13"	1.668
01/02/2045 00:00:00	♂	02°59'42" ♋	-11°20'21"	-01°00'09"	00°47'21"	2.263
01/02/2045 00:00:00	♃	17°39'01" ♊	-16°10'31"	-00°39'59"	00°14'17"	6.041
01/02/2045 00:00:00	♄	09°55'51" ♋	-20°09'05"	01°48'13"	00°04'27"	10.400
01/02/2045 00:00:00	♅	25°22'26" ♌	13°47'06"	00°46'07"	-00°02'32"	17.404
01/02/2045 00:00:00	♆	12°04'41" ♍	13°46'33"	-01°45'57"	00°00'21"	29.801
01/02/2045 00:00:00	♁	01°41'31" ♋	-21°19'51"	-11°14'07"	00°01'37"	41.180
01/02/2045 00:00:00	♄	01°50'12" ♋	-10°49'10"	00°00'00"	-00°02'01"	0.003
01/02/2045 00:00:00	♅	18°10'42" ♌	-00°22'18"	-05°28'41"	-00°03'12"	7.876
01/02/2045 00:00:00	♆	28°00'00" ♍	-23°27'24"	-02°57'32"	00°06'40"	0.003
01/02/2045 00:00:00	♁	01°50'12" ♋	-10°49'10"	00°00'00"	-00°02'01"	0.003
01/02/2045 00:00:00	♁	06°13'29" ♊	-20°55'12"	-02°16'43"	-01°52'23"	0.003
01/02/2045 00:00:00	X	29°04'24" ♋	04°55'49"	-06°38'08"	00°00'10"	93.751
01/02/2045 00:00:00	Y	13°45'04" ♌	11°10'55"	-11°20'32"	-00°00'17"	78.406
02/02/2045 00:00:00	☉	13°32'15" ♊	-16°45'25"	00°00'00"	01°00'51"	0.985
02/02/2045 00:00:00	☾	15°15'24" ♌	17°41'41"	01°30'13"	15°11'38"	0.002
02/02/2045 00:00:00	♁	11°45'30" ♊	-19°15'25"	-02°04'53"	01°42'56"	1.409
02/02/2045 00:00:00	♀	02°32'24" ♊	-20°19'15"	-00°45'03"	01°15'13"	1.670
02/02/2045 00:00:00	♂	03°47'03" ♋	-11°02'49"	-00°59'45"	00°47'20"	2.265

Ephemerides year 2045

02/02/2045 00:00:00	♃	17°53'18" ♊	-16°06'12"	-00°40'03"	00°14'17"	6.042
02/02/2045 00:00:00	♅	10°00'16" ♌	-20°09'37"	01°48'19"	00°04'22"	10.385
02/02/2045 00:00:00	♆	25°19'53" ♍	13°47'58"	00°46'08"	-00°02'33"	17.400
02/02/2045 00:00:00	♇	12°05'03" ♎	13°46'44"	-01°45'53"	00°00'23"	29.819
02/02/2045 00:00:00	♁	01°43'08" ♈	-21°19'12"	-11°14'04"	00°01'37"	41.186
02/02/2045 00:00:00	♄	01°48'38" ♉	-10°49'44"	00°00'00"	-00°01'03"	0.003
02/02/2045 00:00:00	♆	18°07'27" ♍	-00°21'11"	-05°28'51"	-00°03'17"	7.866
02/02/2045 00:00:00	♁	28°06'40" ♈	-23°25'20"	-02°56'48"	00°06'40"	0.003
02/02/2045 00:00:00	♄♁	01°48'38" ♉	-10°49'44"	00°00'00"	-00°01'03"	0.003
02/02/2045 00:00:00	♁♆	04°22'53" ♊	-21°31'17"	-02°25'50"	-01°52'00"	0.003
02/02/2045 00:00:00	X	29°04'36" ♏	04°55'59"	-06°38'02"	00°00'11"	93.767
02/02/2045 00:00:00	Y	13°44'47" ♏	11°11'02"	-11°20'23"	-00°00'17"	78.420
03/02/2045 00:00:00	♁	14°33'07" ♊	-16°27'52"	00°00'00"	01°00'50"	0.986
03/02/2045 00:00:00	♃	00°21'37" ♌	11°28'03"	00°07'58"	14°59'17"	0.002
03/02/2045 00:00:00	♆	13°28'48" ♍	-18°46'12"	-02°05'04"	01°43'39"	1.406
03/02/2045 00:00:00	♇	03°47'37" ♎	-20°03'48"	-00°47'05"	01°15'12"	1.672
03/02/2045 00:00:00	♅	04°34'23" ♌	-10°45'10"	-00°59'20"	00°47'20"	2.268
03/02/2045 00:00:00	♃	18°07'37" ♊	-16°01'53"	-00°40'08"	00°14'18"	6.043
03/02/2045 00:00:00	♅	10°04'36" ♌	-20°10'09"	01°48'26"	00°04'17"	10.370

Ephemerides year 2045

03/02/2045 00:00:00	♃	25°17'19"	♏r	13°48'51"	00°46'09"	-00°02'34"	17.397
03/02/2045 00:00:00	♃	12°05'28"	♏	13°46'55"	-01°45'49"	00°00'25"	29.836
03/02/2045 00:00:00	♃	01°44'46"	♃	-21°18'34"	-11°14'01"	00°01'37"	41.192
03/02/2045 00:00:00	♏	01°48'04"	♃r	-10°49'56"	00°00'00"	-00°00'05"	0.003
03/02/2045 00:00:00	♃	18°04'07"	♃r	-00°20'02"	-05°29'00"	-00°03'22"	7.855
03/02/2045 00:00:00	♃	28°13'20"	♏	-23°23'16"	-02°56'04"	00°06'40"	0.003
03/02/2045 00:00:00	T♏	01°48'04"	♃r	-10°49'56"	00°00'00"	-00°00'05"	0.003
03/02/2045 00:00:00	T♃	02°23'21"	♃r	-22°08'57"	-02°35'37"	-02°09'34"	0.003
03/02/2045 00:00:00	X	29°04'47"	♃	04°56'09"	-06°37'55"	00°00'11"	93.784
03/02/2045 00:00:00	Y	13°44'30"	♃r	11°11'08"	-11°20'15"	-00°00'16"	78.434
04/02/2045 00:00:00	♃	15°33'57"	♃	-16°10'01"	-00°00'00"	01°00'49"	0.986
04/02/2045 00:00:00	♃	15°11'22"	♃	04°42'20"	-01°13'27"	14°39'06"	0.002
04/02/2045 00:00:00	♃	15°12'49"	♃	-18°15'30"	-02°04'49"	01°44'21"	1.402
04/02/2045 00:00:00	♃	05°02'50"	♃	-19°47'46"	-00°49'05"	01°15'12"	1.674
04/02/2045 00:00:00	♃	05°21'43"	♃	-10°27'26"	-00°58'55"	00°47'19"	2.270
04/02/2045 00:00:00	♃	18°21'55"	♃	-15°57'32"	-00°40'12"	00°14'18"	6.044
04/02/2045 00:00:00	♃	10°08'52"	♃	-20°10'39"	01°48'32"	00°04'13"	10.355
04/02/2045 00:00:00	♃	25°14'45"	♏r	13°49'43"	00°46'09"	-00°02'34"	17.393
04/02/2045 00:00:00	♃	12°05'55"	♏	13°47'07"	-01°45'46"	00°00'27"	29.853

Ephemerides year 2045

04/02/2045 00:00:00	♁	01°46'24" ♈	-21°17'56"	-11°13'59"	00°01'38"	41.198
04/02/2045 00:00:00	♁	01°48'24" ♈	-10°49'49"	00°00'00"	00°00'41"	0.003
04/02/2045 00:00:00	♁	18°00'42" ♎	-00°18'50"	-05°29'08"	-00°03'27"	7.845
04/02/2045 00:00:00	♁	28°20'01" ♎	-23°21'11"	-02°55'21"	00°06'40"	0.003
04/02/2045 00:00:00	♁	01°48'24" ♈	-10°49'49"	00°00'00"	00°00'41"	0.003
04/02/2045 00:00:00	♁	00°00'50" ♎	-22°51'53"	-02°47'05"	-02°35'33"	0.003
04/02/2045 00:00:00	X	29°04'59" ♎	04°56'19"	-06°37'49"	00°00'12"	93.800
04/02/2045 00:00:00	Y	13°44'14" ♎	11°11'15"	-11°20'07"	-00°00'15"	78.449
05/02/2045 00:00:00	♁	16°34'46" ♎	-15°51'54"	-00°00'00"	01°00'48"	0.986
05/02/2045 00:00:00	♁	29°38'08" ♎	-02°07'11"	-02°28'06"	14°13'49"	0.002
05/02/2045 00:00:00	♁	16°57'32" ♎	-17°43'19"	-02°04'08"	01°45'04"	1.397
05/02/2045 00:00:00	♁	06°18'02" ♎	-19°31'08"	-00°51'03"	01°15'12"	1.676
05/02/2045 00:00:00	♁	06°09'02" ♈	-10°09'36"	-00°58'29"	00°47'18"	2.273
05/02/2045 00:00:00	♁	18°36'14" ♎	-15°53'10"	-00°40'16"	00°14'19"	6.045
05/02/2045 00:00:00	♁	10°13'02" ♎	-20°11'08"	01°48'39"	00°04'08"	10.340
05/02/2045 00:00:00	♁	25°12'10" ♎	13°50'36"	00°46'10"	-00°02'35"	17.390
05/02/2045 00:00:00	♁	12°06'24" ♎	13°47'19"	-01°45'42"	00°00'29"	29.871
05/02/2045 00:00:00	♁	01°48'02" ♈	-21°17'18"	-11°13'57"	00°01'38"	41.203
05/02/2045 00:00:00	♁	01°49'21" ♈	-10°49'28"	00°00'00"	00°01'08"	0.003

Ephemerides year 2045

05/02/2045 00:00:00	♄	17°57'12" ♎	-00°17'36"	-05°29'16"	-00°03'32"	7.836
05/02/2045 00:00:00	♁	28°26'41" ♉	-23°19'06"	-02°54'37"	00°06'40"	0.003
05/02/2045 00:00:00	♁	01°49'21" ♉	-10°49'28"	00°00'00"	00°01'08"	0.003
05/02/2045 00:00:00	♁	27°15'05" ♉	-23°38'55" ♋	-03°00'04"	-02°53'01"	0.003
05/02/2045 00:00:00	X	29°05'12" ♎	04°56'29"	-06°37'43"	00°00'13"	93.816
05/02/2045 00:00:00	Y	13°43'58" ♉	11°11'21"	-11°19'59"	-00°00'15"	78.463
06/02/2045 00:00:00	♁	17°35'35" ♎	-15°33'30"	-00°00'00"	01°00'47"	0.986
06/02/2045 00:00:00	♁	13°38'17" ♉	-08°37'41"	-03°31'32"	13°46'20"	0.003
06/02/2045 00:00:00	♁	18°42'58" ♎	-17°09'39"	-02°02'58"	01°45'47"	1.392
06/02/2045 00:00:00	♁	07°33'14" ♎	-19°13'57"	-00°52'58"	01°15'12"	1.678
06/02/2045 00:00:00	♁	06°56'20" ♉	-09°51'41"	-00°58'04"	00°47'18"	2.276
06/02/2045 00:00:00	♁	18°50'33" ♎	-15°48'47"	-00°40'21"	00°14'19"	6.045
06/02/2045 00:00:00	♁	10°17'08" ♉	-20°11'37"	01°48'46"	00°04'03"	10.325
06/02/2045 00:00:00	♁	25°09'34" ♎	13°51'29"	00°46'11"	-00°02'36"	17.388
06/02/2045 00:00:00	♁	12°06'55" ♉	13°47'32"	-01°45'38"	00°00'31"	29.888
06/02/2045 00:00:00	♁	01°49'41" ♉	-21°16'40"	-11°13'56"	00°01'39"	41.208
06/02/2045 00:00:00	♁	01°50'34" ♉	-10°49'02"	00°00'00"	00°01'12"	0.003
06/02/2045 00:00:00	♄	17°53'38" ♎	-00°16'19"	-05°29'23"	-00°03'36"	7.826
06/02/2045 00:00:00	♁	28°33'21" ♉	-23°17'00"	-02°53'53"	00°06'40"	0.003

Ephemerides year 2045

06/02/2045 00:00:00	T♁	01°50'34" ♈	-10°49'02"	00°00'00"	00°01'12"	0.003
06/02/2045 00:00:00	T♁	24°22'53" ♎	-24°24'18" ♁	-03°13'05"	-02°46'38"	0.003
06/02/2045 00:00:00	X	29°05'26" ♎	04°56'40"	-06°37'36"	00°00'13"	93.833
06/02/2045 00:00:00	Y	13°43'43" ♏	11°11'28"	-11°19'50"	-00°00'14"	78.478
07/02/2045 00:00:00	☉	18°36'22" ♏	-15°14'50"	-00°00'00"	01°00'47"	0.986
07/02/2045 00:00:00	☾	27°10'57" ♏	-14°31'15"	-04°20'54"	13°19'14"	0.003
07/02/2045 00:00:00	♃	20°29'06" ♏	-16°34'32"	-02°01'21"	01°46'28"	1.385
07/02/2045 00:00:00	♄	08°48'26" ♏	-18°56'12"	-00°54'50"	01°15'11"	1.680
07/02/2045 00:00:00	♅	07°43'38" ♈	-09°33'40"	-00°57'37"	00°47'17"	2.278
07/02/2045 00:00:00	♆	19°04'53" ♏	-15°44'24"	-00°40'26"	00°14'19"	6.045
07/02/2045 00:00:00	♇	10°21'09" ♎	-20°12'04"	01°48'53"	00°03'58"	10.309
07/02/2045 00:00:00	♈	25°06'57" ♏	13°52'22"	00°46'11"	-00°02'36"	17.385
07/02/2045 00:00:00	♉	12°07'28" ♏	13°47'45"	-01°45'35"	00°00'33"	29.905
07/02/2045 00:00:00	♊	01°51'20" ♈	-21°16'02"	-11°13'54"	00°01'39"	41.213
07/02/2045 00:00:00	♋	01°51'40" ♈	-10°48'39"	00°00'00"	00°00'56"	0.003
07/02/2045 00:00:00	♌	17°49'59" ♏	-00°15'00"	-05°29'29"	-00°03'41"	7.817
07/02/2045 00:00:00	♍	28°40'01" ♎	-23°14'55"	-02°53'09"	00°06'40"	0.003
07/02/2045 00:00:00	T♁	01°51'40" ♈	-10°48'39"	00°00'00"	00°00'56"	0.003
07/02/2045 00:00:00	T♁	21°51'10" ♎	-25°01'12" ♁	-03°24'07"	-02°12'38"	0.003

Ephemerides year 2045

07/02/2045 00:00:00	X	29°05'40" ♀	04°56'51"	-06°37'30"	00°00'14"	93.849
07/02/2045 00:00:00	Y	13°43'30" ♀	11°11'35"	-11°19'42"	-00°00'13"	78.493
08/02/2045 00:00:00		19°37'09" ♀	-14°55'54"	-00°00'00"	01°00'46"	0.986
08/02/2045 00:00:00		10°17'33" ♀	-19°33'52"	-04°54'54"	12°54'26"	0.003
08/02/2045 00:00:00		22°15'55" ♀	-15°57'58"	-01°59'13"	01°47'08"	1.378
08/02/2045 00:00:00		10°03'38" ♀	-18°37'54"	-00°56'40"	01°15'11"	1.682
08/02/2045 00:00:00		08°30'55" ♀	-09°15'34"	-00°57'11"	00°47'16"	2.281
08/02/2045 00:00:00		19°19'12" ♀	-15°40'00"	-00°40'31"	00°14'19"	6.045
08/02/2045 00:00:00		10°25'05" ♀	-20°12'31"	01°49'00"	00°03'53"	10.294
08/02/2045 00:00:00		25°04'20" ♀	13°53'16"	00°46'12"	-00°02'37"	17.383
08/02/2045 00:00:00		12°08'03" ♀	13°47'59"	-01°45'31"	00°00'36"	29.922
08/02/2045 00:00:00		01°53'00" ♀	-21°15'24"	-11°13'53"	00°01'39"	41.218
08/02/2045 00:00:00		01°52'22" ♀	-10°48'24"	00°00'00"	00°00'27"	0.003
08/02/2045 00:00:00		17°46'15" ♀	-00°13'39"	-05°29'35"	-00°03'45"	7.808
08/02/2045 00:00:00		28°46'41" ♀	-23°12'48"	-02°52'25"	00°06'40"	0.003
08/02/2045 00:00:00	TΩ	01°52'22" ♀	-10°48'24"	00°00'00"	00°00'27"	0.003
08/02/2045 00:00:00	T♄	20°03'49" ♀	-25°25'31" ○	-03°31'40"	-01°20'10"	0.003
08/02/2045 00:00:00	X	29°05'55" ♀	04°57'02"	-06°37'24"	00°00'15"	93.865
08/02/2045 00:00:00	Y	13°43'16" ♀	11°11'42"	-11°19'33"	-00°00'12"	78.508

Ephemerides year 2045

09/02/2045 00:00:00	☉	20°37'55" ♊	-14°36'43"	-00°00'00"	01°00'45"	0.987
09/02/2045 00:00:00	☾	23°01'01" ♎	-23°34'14"	o-05°13'16"	12°33'09"	0.003
09/02/2045 00:00:00	♀	24°03'23" ♊	-15°19'58"	-01°56'34"	01°47'47"	1.371
09/02/2045 00:00:00	♀	11°18'50" ♊	-18°19'03"	-00°58'27"	01°15'11"	1.684
09/02/2045 00:00:00	♂	09°18'12" ♋	-08°57'23"	-00°56'44"	00°47'16"	2.284
09/02/2045 00:00:00	♃	19°33'31" ♊	-15°35'34"	-00°40'35"	00°14'19"	6.045
09/02/2045 00:00:00	♄	10°28'57" ♏	-20°12'57"	01°49'07"	00°03'48"	10.278
09/02/2045 00:00:00	♅	25°01'43" ♏	13°54'09"	00°46'12"	-00°02'37"	17.381
09/02/2045 00:00:00	♆	12°08'40" ♏	13°48'14"	-01°45'27"	00°00'38"	29.940
09/02/2045 00:00:00	♁	01°54'40" ♋	-21°14'47"	-11°13'52"	00°01'40"	41.222
09/02/2045 00:00:00	♁	01°52'33" ♋	-10°48'20"	00°00'00"	-00°00'06"	0.003
09/02/2045 00:00:00	♂	17°42'27" ♎	-00°12'15"	-05°29'40"	-00°03'50"	7.799
09/02/2045 00:00:00	♁	28°53'21" ♏	-23°10'42"	-02°51'41"	00°06'40"	0.003
09/02/2045 00:00:00	♁	01°52'33" ♋	-10°48'20"	00°00'00"	-00°00'06"	0.003
09/02/2045 00:00:00	♁	19°12'10" ♏	-25°36'39"	o-03°35'13"	-00°23'34"	0.003
09/02/2045 00:00:00	X	29°06'10" ♏	04°57'13"	-06°37'18"	00°00'15"	93.880
09/02/2045 00:00:00	Y	13°43'04" ♎	11°11'49"	-11°19'24"	-00°00'12"	78.523
10/02/2045 00:00:00	☉	21°38'39" ♊	-14°17'18"	-00°00'00"	01°00'44"	0.987
10/02/2045 00:00:00	☾	05°25'15" ♏	-26°23'24"	o-05°16'25"	12°16'00"	0.003

Ephemerides year 2045

10/02/2045 00:00:00	♀	25°51'28" ♁	-14°40'34"	-01°53'23"	01°48'22"	1.362	
10/02/2045 00:00:00	♀	12°34'01" ♁	-17°59'42"	-01°00'11"	01°15'11"	1.685	
10/02/2045 00:00:00	♂	10°05'27" ♃	-08°39'08"	-00°56'17"	00°47'15"	2.286	
10/02/2045 00:00:00	♃	19°47'51" ♁	-15°31'08"	-00°40'40"	00°14'19"	6.044	
10/02/2045 00:00:00	♃	10°32'43" ♂	-20°13'22"	01°49'14"	00°03'43"	10.262	
10/02/2045 00:00:00	♃	24°59'06" ♃	13°55'02"	00°46'13"	-00°02'37"	17.380	
10/02/2045 00:00:00	♃	12°09'19" ♂	13°48'29"	-01°45'24"	00°00'40"	29.957	
10/02/2045 00:00:00	♃	01°56'20" ♃	-21°14'09"	-11°13'52"	00°01'40"	41.226	
10/02/2045 00:00:00	♃	01°52'10" ♃	-10°48'28"	00°00'00"	-00°00'37"	0.003	
10/02/2045 00:00:00	♃	17°38'35" ♃	-00°10'49"	-05°29'44"	-00°03'54"	7.791	
10/02/2045 00:00:00	♃	29°00'01" ♂	-23°08'35"	-02°50'57"	00°06'40"	0.003	
10/02/2045 00:00:00	T♃	01°52'10" ♃	-10°48'28"	00°00'00"	-00°00'37"	0.003	
10/02/2045 00:00:00	T♃	19°14'11" ♂	-25°36'11"	0°	-03°35'03"	00°25'46"	0.003
10/02/2045 00:00:00	X	29°06'26" ♂	04°57'24"	-06°37'12"	00°00'16"	93.896	
10/02/2045 00:00:00	Y	13°42'52" ♃	11°11'56"	-11°19'16"	-00°00'11"	78.538	
11/02/2045 00:00:00	♃	22°39'23" ♁	-13°57'38"	-00°00'00"	01°00'43"	0.987	
11/02/2045 00:00:00	♃	17°34'29" ♂	-27°55'11"	0°	-05°05'14"	12°03'10"	0.003
11/02/2045 00:00:00	♀	27°40'07" ♁	-13°59'46"	-01°49'39"	01°48'55"	1.352	
11/02/2045 00:00:00	♀	13°49'13" ♁	-17°39'49"	-01°01'52"	01°15'11"	1.687	

Ephemerides year 2045

11/02/2045 00:00:00	♂	10°52'42" ♈	-08°20'48"	-00°55'50"	00°47'14"	2.289
11/02/2045 00:00:00	♃	20°02'11" ♍	-15°26'41"	-00°40'44"	00°14'19"	6.043
11/02/2045 00:00:00	♅	10°36'24" ♊	-20°13'46"	01°49'21"	00°03'38"	10.247
11/02/2045 00:00:00	♁	24°56'28" ♋	13°55'55"	00°46'13"	-00°02'37"	17.379
11/02/2045 00:00:00	♆	12°10'00" ♉	13°48'45"	-01°45'20"	00°00'42"	29.974
11/02/2045 00:00:00	♁	01°58'01" ♈	-21°13'32"	-11°13'52"	00°01'40"	41.230
11/02/2045 00:00:00	♁	01°51'21" ♈	-10°48'45"	00°00'00"	-00°00'58"	0.003
11/02/2045 00:00:00	♆	17°34'39" ♉	-00°09'21"	-05°29'48"	-00°03'58"	7.783
11/02/2045 00:00:00	♁	29°06'42" ♈	-23°06'28"	-02°50'13"	00°06'40"	0.003
11/02/2045 00:00:00	♁♁	01°51'21" ♈	-10°48'45"	00°00'00"	-00°00'58"	0.003
11/02/2045 00:00:00	♁♁	19°59'21" ♈	-25°26'26" ♁	-03°31'55"	01°02'12"	0.003
11/02/2045 00:00:00	X	29°06'43" ♈	04°57'36"	-06°37'05"	00°00'17"	93.912
11/02/2045 00:00:00	Y	13°42'41" ♉	11°12'04"	-11°19'07"	-00°00'10"	78.553
12/02/2045 00:00:00	♁	23°40'06" ♍	-13°37'44"	-00°00'00"	01°00'42"	0.987
12/02/2045 00:00:00	♁	29°32'58" ♊	-28°06'58" ♁	-04°40'53"	11°54'27"	0.003
12/02/2045 00:00:00	♁	29°29'17" ♍	-13°17'38"	-01°45'21"	01°49'23"	1.342
12/02/2045 00:00:00	♀	15°04'23" ♍	-17°19'26"	-01°03'31"	01°15'10"	1.689
12/02/2045 00:00:00	♂	11°39'57" ♈	-08°02'24"	-00°55'22"	00°47'13"	2.291
12/02/2045 00:00:00	♃	20°16'30" ♍	-15°22'14"	-00°40'49"	00°14'19"	6.042

Ephemerides year 2045

12/02/2045 00:00:00	♄	10°40'00" ♄	-20°14'09"	01°49'28"	00°03'33"	10.231
12/02/2045 00:00:00	♃	24°53'50" ♃	13°56'49"	00°46'13"	-00°02'37"	17.378
12/02/2045 00:00:00	♃	12°10'43" ♃	13°49'02"	-01°45'16"	00°00'44"	29.991
12/02/2045 00:00:00	♃	01°59'42" ♃	-21°12'55"	-11°13'52"	00°01'40"	41.234
12/02/2045 00:00:00	♃	01°50'17" ♃	-10°49'08"	00°00'00"	-00°01'07"	0.003
12/02/2045 00:00:00	♃	17°30'38" ♃	-00°07'51"	-05°29'51"	-00°04'02"	7.775
12/02/2045 00:00:00	♃	29°13'22" ♃	-23°04'20"	-02°49'28"	00°06'40"	0.003
12/02/2045 00:00:00	♃	01°50'17" ♃	-10°49'08"	00°00'00"	-00°01'07"	0.003
12/02/2045 00:00:00	♃	21°14'02" ♃	-25°09'43" ♃	-03°26'42"	01°25'03"	0.003
12/02/2045 00:00:00	X	29°07'00" ♃	04°57'48"	-06°36'59"	00°00'17"	93.927
12/02/2045 00:00:00	Y	13°42'31" ♃	11°12'11"	-11°18'58"	-00°00'09"	78.569
13/02/2045 00:00:00	♃	24°40'47" ♃	-13°17'36"	-00°00'00"	01°00'40"	0.987
13/02/2045 00:00:00	♃	11°24'39" ♃	-27°00'29" ♃	-04°04'40"	11°49'30"	0.003
13/02/2045 00:00:00	♃	01°18'52" ♃	-12°34'11"	-01°40'27"	01°49'45"	1.330
13/02/2045 00:00:00	♃	16°19'34" ♃	-16°58'33"	-01°05'06"	01°15'10"	1.690
13/02/2045 00:00:00	♃	12°27'10" ♃	-07°43'56"	-00°54'54"	00°47'12"	2.294
13/02/2045 00:00:00	♃	20°30'49" ♃	-15°17'46"	-00°40'54"	00°14'19"	6.041
13/02/2045 00:00:00	♄	10°43'31" ♄	-20°14'31"	01°49'35"	00°03'28"	10.215
13/02/2045 00:00:00	♃	24°51'12" ♃	13°57'42"	00°46'14"	-00°02'38"	17.378

Ephemerides year 2045

13/02/2045 00:00:00	♃	12°11'29"	♄	13°49'19"	-01°45'13"	00°00'46"	30.008	
13/02/2045 00:00:00	♅	02°01'23"	♋	-21°12'18"	-11°13'52"	00°01'41"	41.237	
13/02/2045 00:00:00	♁	01°49'10"	♋	-10°49'32"	00°00'00"	-00°01'04"	0.003	
13/02/2045 00:00:00	♆	17°26'34"	♌	-00°06'19"	-05°29'53"	-00°04'05"	7.768	
13/02/2045 00:00:00	♁	29°20'02"	♌	-23°02'12"	-02°48'44"	00°06'40"	0.003	
13/02/2045 00:00:00	T♁	01°49'10"	♋	-10°49'32"	00°00'00"	-00°01'04"	0.003	
13/02/2045 00:00:00	T♁	22°45'57"	♌	-24°48'11"	♁	-03°20'09"	01°37'27"	0.003
13/02/2045 00:00:00	X	29°07'18"	♌	04°58'00"	-06°36'53"	00°00'18"	93.943	
13/02/2045 00:00:00	Y	13°42'22"	♌	11°12'19"	-11°18'49"	-00°00'08"	78.584	
14/02/2045 00:00:00	♁	25°41'28"	♌	-12°57'16"	-00°00'00"	01°00'39"	0.987	
14/02/2045 00:00:00	♁	23°13'05"	♌	-24°41'37"	♁	-03°18'11"	11°47'52"	0.003
14/02/2045 00:00:00	♁	03°08'47"	♋	-11°49'30"	-01°34'57"	01°50'01"	1.318	
14/02/2045 00:00:00	♁	17°34'44"	♌	-16°37'12"	-01°06'38"	01°15'09"	1.692	
14/02/2045 00:00:00	♁	13°14'22"	♋	-07°25'24"	-00°54'25"	00°47'11"	2.297	
14/02/2045 00:00:00	♁	20°45'08"	♌	-15°13'17"	-00°40'59"	00°14'18"	6.040	
14/02/2045 00:00:00	♁	10°46'57"	♌	-20°14'53"	01°49'43"	00°03'22"	10.198	
14/02/2045 00:00:00	♁	24°48'34"	♌	13°58'35"	00°46'14"	-00°02'38"	17.377	
14/02/2045 00:00:00	♃	12°12'16"	♄	13°49'37"	-01°45'09"	00°00'48"	30.025	
14/02/2045 00:00:00	♅	02°03'04"	♋	-21°11'41"	-11°13'53"	00°01'41"	41.240	

Ephemerides year 2045

14/02/2045 00:00:00	♁	01°48'12" ♋	-10°49'53"	00°00'00"	-00°00'51"	0.003
14/02/2045 00:00:00	♅	17°22'27" ♎	-00°04'44"	-05°29'54"	-00°04'09"	7.760
14/02/2045 00:00:00	♁	29°26'42" ♋	-23°00'04"	-02°47'59"	00°06'40"	0.003
14/02/2045 00:00:00	♁	01°48'12" ♋	-10°49'53"	00°00'00"	-00°00'51"	0.003
14/02/2045 00:00:00	♁	24°27'35" ♋	-24°23'09" ♏	-03°12'46"	01°45'47"	0.003
14/02/2045 00:00:00	X	29°07'37" ♎	04°58'12"	-06°36'47"	00°00'18"	93.958
14/02/2045 00:00:00	Y	13°42'13" ♎	11°12'27"	-11°18'40"	-00°00'08"	78.600
15/02/2045 00:00:00	♁	26°42'07" ♋	-12°36'43"	-00°00'00"	01°00'38"	0.988
15/02/2045 00:00:00	♁	05°01'21" ♋	-21°19'26"	-02°23'15"	11°49'04"	0.003
15/02/2045 00:00:00	♁	04°58'53" ♋	-11°03'38"	-01°28'49"	01°50'09"	1.304
15/02/2045 00:00:00	♁	18°49'54" ♋	-16°15'23"	-01°08'07"	01°15'09"	1.693
15/02/2045 00:00:00	♁	14°01'33" ♋	-07°06'49"	-00°53'57"	00°47'10"	2.299
15/02/2045 00:00:00	♁	20°59'26" ♋	-15°08'47"	-00°41'05"	00°14'18"	6.038
15/02/2045 00:00:00	♁	10°50'17" ♋	-20°15'13"	01°49'50"	00°03'17"	10.182
15/02/2045 00:00:00	♁	24°45'56" ♋	13°59'28"	00°46'14"	-00°02'38"	17.378
15/02/2045 00:00:00	♁	12°13'05" ♋	13°49'55"	-01°45'06"	00°00'50"	30.042
15/02/2045 00:00:00	♁	02°04'45" ♋	-21°11'04"	-11°13'54"	00°01'41"	41.242
15/02/2045 00:00:00	♁	01°47'28" ♋	-10°50'09"	00°00'00"	-00°00'34"	0.003
15/02/2045 00:00:00	♅	17°18'16" ♎	-00°03'08"	-05°29'55"	-00°04'12"	7.753

Ephemerides year 2045

15/02/2045 00:00:00	☾	29°33'22" ♀	-22°57'55"	-02°47'15"	00°06'40"	0.003	
15/02/2045 00:00:00	♄	01°47'28" ♀	-10°50'09"		00°00'00"	-00°00'34"	0.003
15/02/2045 00:00:00	♄	26°19'05" ♀	-23°54'13" ♀		-03°04'30"	01°58'45"	0.003
15/02/2045 00:00:00	X	29°07'56" ♀	04°58'24"		-06°36'41"	00°00'19"	93.973
15/02/2045 00:00:00	Y	13°42'06" ♀	11°12'35"		-11°18'32"	-00°00'07"	78.616
16/02/2045 00:00:00	☉	27°42'44" ♀	-12°15'57"		-00°00'00"	01°00'36"	0.988
16/02/2045 00:00:00	☾	16°52'03" ♀	-17°04'47"		-01°21'55"	11°52'41"	0.003
16/02/2045 00:00:00	♁	06°49'03" ♀	-10°16'39"		-01°22'03"	01°50'07"	1.290
16/02/2045 00:00:00	♂	20°05'03" ♀	-15°53'06"		-01°09'32"	01°15'08"	1.695
16/02/2045 00:00:00	♂	14°48'43" ♀	-06°48'10"		-00°53'28"	00°47'09"	2.302
16/02/2045 00:00:00	♃	21°13'44" ♀	-15°04'17"		-00°41'10"	00°14'17"	6.037
16/02/2045 00:00:00	♂	10°53'32" ♀	-20°15'33"		01°49'58"	00°03'12"	10.166
16/02/2045 00:00:00	♁	24°43'18" ♀	14°00'21"		00°46'14"	-00°02'37"	17.378
16/02/2045 00:00:00	♁	12°13'56" ♀	13°50'14"		-01°45'02"	00°00'52"	30.058
16/02/2045 00:00:00	♁	02°06'27" ♀	-21°10'28"		-11°13'55"	00°01'41"	41.244
16/02/2045 00:00:00	♄	01°47'03" ♀	-10°50'18"		00°00'00"	-00°00'16"	0.003
16/02/2045 00:00:00	♁	17°14'01" ♀	-00°01'30"		-05°29'55"	-00°04'16"	7.747
16/02/2045 00:00:00	☾	29°40'02" ♀	-22°55'47"		-02°46'30"	00°06'40"	0.003
16/02/2045 00:00:00	♄	01°47'03" ♀	-10°50'18"		00°00'00"	-00°00'16"	0.003

Ephemerides year 2045

16/02/2045 00:00:00	T♄	28°29'25" ♃	-23°18'31"	-02°54'36"	02°24'27"	0.003
16/02/2045 00:00:00	X	29°08'16" ♄	04°58'36"	-06°36'35"	00°00'19"	93.988
16/02/2045 00:00:00	Y	13°41'59" ♀	11°12'43"	-11°18'23"	-00°00'06"	78.632
17/02/2045 00:00:00	☉	28°43'20" ♋	-11°55'00"	00°00'00"	01°00'35"	0.988
17/02/2045 00:00:00	☾	28°47'24" ♋	-12°09'10"	-00°16'37"	11°58'21"	0.003
17/02/2045 00:00:00	♀	08°39'05" ♋	-09°28'41"	-01°14'38"	01°49'54"	1.274
17/02/2045 00:00:00	♀	21°20'11" ♋	-15°30'23"	-01°10'55"	01°15'08"	1.696
17/02/2045 00:00:00	♂	15°35'52" ♋	-06°29'28"	-00°52'58"	00°47'08"	2.304
17/02/2045 00:00:00	♃	21°28'01" ♋	-14°59'47"	-00°41'15"	00°14'16"	6.035
17/02/2045 00:00:00	♅	10°56'41" ♋	-20°15'52"	01°50'05"	00°03'06"	10.150
17/02/2045 00:00:00	♁	24°40'40" ♋	14°01'14"	00°46'14"	-00°02'37"	17.379
17/02/2045 00:00:00	♃	12°14'49" ♋	13°50'34"	-01°44'59"	00°00'53"	30.075
17/02/2045 00:00:00	♁	02°08'08" ♋	-21°09'52"	-11°13'56"	00°01'41"	41.247
17/02/2045 00:00:00	♁	01°46'54" ♋	-10°50'21"	00°00'00"	-00°00'02"	0.003
17/02/2045 00:00:00	♁	17°09'44" ♋	00°00'10"	-05°29'54"	-00°04'19"	7.740
17/02/2045 00:00:00	♄	29°46'42" ♃	-22°53'37"	-02°45'45"	00°06'39"	0.003
17/02/2045 00:00:00	T♁	01°46'54" ♋	-10°50'21"	00°00'00"	-00°00'02"	0.003
17/02/2045 00:00:00	T♄	01°13'04" ♋	-22°30'53"	-02°41'48"	03°04'58"	0.003
17/02/2045 00:00:00	X	29°08'36" ♄	04°58'49"	-06°36'29"	00°00'20"	94.003

Ephemerides year 2045

17/02/2045 00:00:00	Y	13°41'52" ♀	11°12'52"	-11°18'13"	-00°00'05"	78.647
18/02/2045 00:00:00	☉	29°43'55" ♋	-11°33'51"	00°00'00"	01°00'33"	0.988
18/02/2045 00:00:00	☾	10°49'22" ♋	-06°44'05"	00°50'02"	12°05'52"	0.003
18/02/2045 00:00:00	♀	10°28'47" ♋	-08°39'48"	-01°06'33"	01°49'26"	1.257
18/02/2045 00:00:00	♀	22°35'19" ♋	-15°07'14"	-01°12'14"	01°15'07"	1.698
18/02/2045 00:00:00	♂	16°23'00" ♋	-06°10'43"	-00°52'29"	00°47'06"	2.307
18/02/2045 00:00:00	♃	21°42'17" ♋	-14°55'16"	-00°41'21"	00°14'15"	6.032
18/02/2045 00:00:00	♅	10°59'45" ♋	-20°16'10"	01°50'13"	00°03'01"	10.133
18/02/2045 00:00:00	♁	24°38'02" ♋	14°02'07"	00°46'15"	-00°02'37"	17.380
18/02/2045 00:00:00	♃	12°15'44" ♋	13°50'54"	-01°44'55"	00°00'55"	30.092
18/02/2045 00:00:00	♂	02°09'50" ♋	-21°09'16"	-11°13'58"	00°01'41"	41.248
18/02/2045 00:00:00	♁	01°46'56" ♋	-10°50'20"	00°00'00"	00°00'05"	0.003
18/02/2045 00:00:00	♃	17°05'23" ♋	00°01'52"	-05°29'52"	-00°04'22"	7.734
18/02/2045 00:00:00	♀	29°53'22" ♋	-22°51'28"	-02°45'01"	00°06'39"	0.003
18/02/2045 00:00:00	T♁	01°46'56" ♋	-10°50'20"	00°00'00"	00°00'05"	0.003
18/02/2045 00:00:00	T♃	04°41'51" ♋	-21°25'49"	-02°24'55"	03°52'40"	0.003
18/02/2045 00:00:00	X	29°08'57" ♋	04°59'02"	-06°36'23"	00°00'21"	94.018
18/02/2045 00:00:00	Y	13°41'47" ♀	11°13'00"	-11°18'04"	-00°00'05"	78.663
19/02/2045 00:00:00	☉	00°44'28" ♋	-11°12'32"	00°00'00"	01°00'32"	0.988

Ephemerides year 2045

19/02/2045 00:00:00	♃	22°59'44" ♈	-01°00'57"	01°55'12"	12°15'09"	0.003
19/02/2045 00:00:00	♆	12°17'54" ♈	-07°50'10"	-00°57'48"	01°48'43"	1.239
19/02/2045 00:00:00	♀	23°50'26" ♍	-14°43'40"	-01°13'30"	01°15'06"	1.699
19/02/2045 00:00:00	♂	17°10'06" ♈	-05°51'56"	-00°51'59"	00°47'05"	2.309
19/02/2045 00:00:00	♃	21°56'33" ♍	-14°50'44"	-00°41'26"	00°14'15"	6.030
19/02/2045 00:00:00	♄	11°02'44" ♈	-20°16'27"	01°50'21"	00°02'55"	10.117
19/02/2045 00:00:00	♅	24°35'25" ♏	14°03'00"	00°46'14"	-00°02'37"	17.381
19/02/2045 00:00:00	♆	12°16'41" ♏	13°51'14"	-01°44'52"	00°00'57"	30.108
19/02/2045 00:00:00	♁	02°11'32" ♈	-21°08'40"	-11°14'00"	00°01'41"	41.250
19/02/2045 00:00:00	♁	01°47'02" ♈	-10°50'18"	00°00'00"	00°00'05"	0.003
19/02/2045 00:00:00	♂	17°00'59" ♏	00°03'36"	-05°29'50"	-00°04'24"	7.728
19/02/2045 00:00:00	♁	00°00'02" ♍	-22°49'18"	-02°44'16"	00°06'39"	0.003
19/02/2045 00:00:00	♁	01°47'02" ♈	-10°50'18"	00°00'00"	00°00'05"	0.003
19/02/2045 00:00:00	♁	08°55'52" ♍	-20°00'35"	-02°03'39"	04°32'43"	0.003
19/02/2045 00:00:00	X	29°09'18" ♏	04°59'15"	-06°36'17"	00°00'21"	94.033
19/02/2045 00:00:00	Y	13°41'42" ♏	11°13'09"	-11°17'55"	-00°00'04"	78.680
20/02/2045 00:00:00	♁	01°44'59" ♈	-10°51'01"	00°00'00"	01°00'30"	0.989
20/02/2045 00:00:00	♃	05°20'18" ♏	04°48'42"	02°55'54"	12°26'15"	0.003
20/02/2045 00:00:00	♆	14°06'08" ♈	-06°59'55"	-00°48'23"	01°47'41"	1.220

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20/02/2045 00:00:00	♀	25°05'33" ♁	-14°19'42"	-01°14'42"	01°15'06"	1.701
20/02/2045 00:00:00	♂	17°57'11" ♃	-05°33'05"	-00°51'29"	00°47'04"	2.312
20/02/2045 00:00:00	♃	22°10'48" ♁	-14°46'12"	-00°41'32"	00°14'14"	6.027
20/02/2045 00:00:00	♃	11°05'37" ♂	-20°16'43"	01°50'29"	00°02'50"	10.101
20/02/2045 00:00:00	♃	24°32'48" ♃	14°03'52"	00°46'14"	-00°02'36"	17.383
20/02/2045 00:00:00	♀	12°17'40" ♂	13°51'35"	-01°44'48"	00°00'59"	30.125
20/02/2045 00:00:00	♃	02°13'13" ♃	-21°08'04"	-11°14'02"	00°01'41"	41.251
20/02/2045 00:00:00	♃	01°47'05" ♃	-10°50'17"	00°00'00"	00°00'00"	0.003
20/02/2045 00:00:00	♃	16°56'33" ♃	00°05'22"	-05°29'46"	-00°04'27"	7.723
20/02/2045 00:00:00	♃	00°06'42" ♁	-22°47'08"	-02°43'31"	00°06'39"	0.003
20/02/2045 00:00:00	T♃	01°47'05" ♃	-10°50'17"	00°00'00"	00°00'00"	0.003
20/02/2045 00:00:00	T♃	13°39'52" ♁	-18°18'05"	-01°39'02"	04°50'39"	0.003
20/02/2045 00:00:00	X	29°09'40" ♂	04°59'28"	-06°36'12"	00°00'22"	94.047
20/02/2045 00:00:00	Y	13°41'38" ♃	11°13'17"	-11°17'46"	-00°00'03"	78.696
21/02/2045 00:00:00	♃	02°45'29" ♃	-10°29'21"	00°00'00"	01°00'28"	0.989
21/02/2045 00:00:00	♃	17°52'54" ♂	10°32'34"	03°49'10"	12°39'17"	0.003
21/02/2045 00:00:00	♀	15°53'10" ♃	-06°09'14"	-00°38'18"	01°46'18"	1.200
21/02/2045 00:00:00	♀	26°20'39" ♁	-13°55'21"	-01°15'51"	01°15'05"	1.702
21/02/2045 00:00:00	♂	18°44'14" ♃	-05°14'13"	-00°50'59"	00°47'02"	2.315

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21/02/2045 00:00:00	♃	22°25'01" ♊	-14°41'40"	-00°41'37"	00°14'13"	6.024
21/02/2045 00:00:00	♈	11°08'24" ♈	-20°16'58"	01°50'36"	00°02'44"	10.084
21/02/2045 00:00:00	♅	24°30'12" ♋	14°04'44"	00°46'14"	-00°02'36"	17.385
21/02/2045 00:00:00	♆	12°18'40" ♌	13°51'57"	-01°44'45"	00°01'01"	30.141
21/02/2045 00:00:00	♁	02°14'55" ♍	-21°07'29"	-11°14'05"	00°01'41"	41.252
21/02/2045 00:00:00	♄	01°47'01" ♎	-10°50'18"	00°00'00"	-00°00'07"	0.003
21/02/2045 00:00:00	♆	16°52'04" ♏	00°07'09"	-05°29'42"	-00°04'29"	7.718
21/02/2045 00:00:00	♁	00°13'22" ♊	-22°44'57"	-02°42'46"	00°06'39"	0.003
21/02/2045 00:00:00	♄♁	01°47'01" ♎	-10°50'18"	00°00'00"	-00°00'07"	0.003
21/02/2045 00:00:00	♁♃	18°26'59" ♊	-16°27'34"	-01°13'27"	04°38'14"	0.003
21/02/2045 00:00:00	X	29°10'03" ♏	04°59'41"	-06°36'06"	00°00'22"	94.061
21/02/2045 00:00:00	Y	13°41'35" ♏	11°13'26"	-11°17'37"	-00°00'02"	78.712
22/02/2045 00:00:00	♁	03°45'57" ♍	-10°07'31"	00°00'00"	01°00'26"	0.989
22/02/2045 00:00:00	♃	00°39'32" ♌	15°56'43"	04°32'06"	12°54'19"	0.003
22/02/2045 00:00:00	♁	17°38'36" ♍	-05°18'20"	-00°27'34"	01°44'30"	1.178
22/02/2045 00:00:00	♁	27°35'44" ♊	-13°30'36"	-01°16'57"	01°15'04"	1.703
22/02/2045 00:00:00	♂	19°31'16" ♍	-04°55'18"	-00°50'28"	00°47'01"	2.317
22/02/2045 00:00:00	♃	22°39'14" ♊	-14°37'07"	-00°41'43"	00°14'12"	6.021
22/02/2045 00:00:00	♈	11°11'06" ♈	-20°17'12"	01°50'44"	00°02'38"	10.068

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22/02/2045 00:00:00	♃	24°27'36" ♁r	14°05'36"	00°46'14"	-00°02'35"	17.387
22/02/2045 00:00:00	♃	12°19'43" ♁	13°52'19"	-01°44'41"	00°01'03"	30.157
22/02/2045 00:00:00	♃	02°16'37" ♃	-21°06'54"	-11°14'08"	00°01'41"	41.252
22/02/2045 00:00:00	♁	01°46'51" ♃r	-10°50'22"	00°00'00"	-00°00'13"	0.003
22/02/2045 00:00:00	♃	16°47'33" ♃r	00°08'58"	-05°29'38"	-00°04'32"	7.713
22/02/2045 00:00:00	♁	00°20'02" ♃	-22°42'46"	-02°42'00"	00°06'39"	0.003
22/02/2045 00:00:00	T♁	01°46'51" ♃r	-10°50'22"	00°00'00"	-00°00'13"	0.003
22/02/2045 00:00:00	T♁	22°45'50" ♃	-14°42'42"	-00°49'55"	03°54'27"	0.003
22/02/2045 00:00:00	X	29°10'26" ♃	04°59'54"	-06°36'00"	00°00'23"	94.075
22/02/2045 00:00:00	Y	13°41'32" ♃r	11°13'35"	-11°17'28"	-00°00'01"	78.728
23/02/2045 00:00:00	♁	04°46'23" ♃	-09°45'32"	00°00'00"	01°00'25"	0.989
23/02/2045 00:00:00	♃	13°42'14" ♁	20°44'49"	05°02'01"	13°11'23"	0.003
23/02/2045 00:00:00	♁	19°22'02" ♃	-04°27'25"	-00°16'13"	01°42'16"	1.156
23/02/2045 00:00:00	♁	28°50'48" ♃	-13°05'30"	-01°17'59"	01°15'04"	1.704
23/02/2045 00:00:00	♁	20°18'17" ♃	-04°36'22"	-00°49'58"	00°46'59"	2.320
23/02/2045 00:00:00	♁	22°53'26" ♃	-14°32'34"	-00°41'49"	00°14'11"	6.018
23/02/2045 00:00:00	♃	11°13'42" ♁	-20°17'26"	01°50'52"	00°02'33"	10.051
23/02/2045 00:00:00	♃	24°25'01" ♁r	14°06'27"	00°46'14"	-00°02'34"	17.390
23/02/2045 00:00:00	♃	12°20'47" ♁	13°52'42"	-01°44'38"	00°01'05"	30.173

Ephemerides year 2045

23/02/2045 00:00:00	♁	02°18'18" ♈	-21°06'20"	-11°14'11"	00°01'41"	41.253
23/02/2045 00:00:00	♁	01°46'36" ♈	-10°50'27"	00°00'00"	-00°00'14"	0.003
23/02/2045 00:00:00	♁	16°43'00" ♈	00°10'48"	-05°29'32"	-00°04'34"	7.708
23/02/2045 00:00:00	♁	00°26'42" ♈	-22°40'35"	-02°41'15"	00°06'39"	0.003
23/02/2045 00:00:00	♁	01°46'36" ♈	-10°50'27"	00°00'00"	-00°00'14"	0.003
23/02/2045 00:00:00	♁	26°06'51" ♈	-13°18'15"	-00°31'25"	02°43'39"	0.003
23/02/2045 00:00:00	X	29°10'49" ♈	05°00'08"	-06°35'54"	00°00'23"	94.089
23/02/2045 00:00:00	Y	13°41'31" ♈	11°13'44"	-11°17'19"	-00°00'01"	78.744
24/02/2045 00:00:00	♁	05°46'47" ♈	-09°23'25"	00°00'00"	01°00'23"	0.990
24/02/2045 00:00:00	♁	27°02'54" ♈	24°37'32"	05°16'31"	13°30'13"	0.003
24/02/2045 00:00:00	♁	21°03'00" ♈	-03°36'45"	-00°04'15"	01°39'33"	1.132
24/02/2045 00:00:00	♁	00°05'52" ♈	-12°40'02"	-01°18'58"	01°15'03"	1.706
24/02/2045 00:00:00	♁	21°05'16" ♈	-04°17'24"	-00°49'27"	00°46'58"	2.322
24/02/2045 00:00:00	♁	23°07'36" ♈	-14°28'00"	-00°41'55"	00°14'09"	6.015
24/02/2045 00:00:00	♁	11°16'12" ♈	-20°17'38"	01°51'00"	00°02'27"	10.034
24/02/2045 00:00:00	♁	24°22'27" ♈	14°07'19"	00°46'14"	-00°02'33"	17.393
24/02/2045 00:00:00	♁	12°21'54" ♈	13°53'05"	-01°44'35"	00°01'07"	30.189
24/02/2045 00:00:00	♁	02°20'00" ♈	-21°05'45"	-11°14'15"	00°01'41"	41.253
24/02/2045 00:00:00	♁	01°46'24" ♈	-10°50'32"	00°00'00"	-00°00'08"	0.003

Ephemerides year 2045

24/02/2045 00:00:00	♄	16°38'25" ♎r	00°12'40"	-05°29'26"	-00°04'35"	7.704
24/02/2045 00:00:00	♁	00°33'22" ♋	-22°38'23"	-02°40'30"	00°06'39"	0.003
24/02/2045 00:00:00	♁♂	01°46'24" ♋r	-10°50'32"	00°00'00"	-00°00'08"	0.003
24/02/2045 00:00:00	♁♄	28°07'09" ♋	-12°26'35"	-00°20'18"	01°14'59"	0.003
24/02/2045 00:00:00	X	29°11'14" ♎	05°00'22"	-06°35'49"	00°00'24"	94.103
24/02/2045 00:00:00	Y	13°41'30" ♎r	11°13'53"	-11°17'09"	-00°00'00"	78.761
25/02/2045 00:00:00	♁	06°47'09" ♋	-09°01'08"	00°00'00"	01°00'21"	0.990
25/02/2045 00:00:00	♁	10°43'03" ♋	27°13'26" ♁	05°13'45"	13°50'10"	0.003
25/02/2045 00:00:00	♁	22°40'59" ♋	-02°46'37"	00°08'15"	01°36'18"	1.108
25/02/2045 00:00:00	♁	01°20'55" ♋	-12°14'15"	-01°19'53"	01°15'02"	1.707
25/02/2045 00:00:00	♁	21°52'13" ♋	-03°58'24"	-00°48'55"	00°46'56"	2.325
25/02/2045 00:00:00	♁	23°21'45" ♋	-14°23'27"	-00°42'01"	00°14'08"	6.011
25/02/2045 00:00:00	♁	11°18'37" ♋	-20°17'50"	01°51'08"	00°02'22"	10.018
25/02/2045 00:00:00	♁	24°19'53" ♋r	14°08'09"	00°46'13"	-00°02'33"	17.396
25/02/2045 00:00:00	♁	12°23'02" ♋	13°53'29"	-01°44'31"	00°01'09"	30.205
25/02/2045 00:00:00	♁	02°21'42" ♋	-21°05'11"	-11°14'18"	00°01'41"	41.252
25/02/2045 00:00:00	♁	01°46'21" ♋	-10°50'32"	00°00'00"	00°00'04"	0.003
25/02/2045 00:00:00	♁	16°33'48" ♎r	00°14'33"	-05°29'19"	-00°04'37"	7.700
25/02/2045 00:00:00	♁	00°40'02" ♋	-22°36'11"	-02°39'44"	00°06'40"	0.003

Ephemerides year 2045

25/02/2045 00:00:00	T♄	01°46'21" ♈	-10°50'32"	00°00'00"	00°00'04"	0.003
25/02/2045 00:00:00	T♄	28°35'53" ♎	-12°14'08"	-00°17'38"	-00°16'19"	0.003
25/02/2045 00:00:00	X	29°11'38" ♀	05°00'35"	-06°35'43"	00°00'25"	94.117
25/02/2045 00:00:00	Y	13°41'30" ♀	11°14'02"	-11°17'00"	00°00'00"	78.777
26/02/2045 00:00:00	☉	07°47'29" ♈	-08°38'44"	00°00'00"	01°00'19"	0.990
26/02/2045 00:00:00	☾	24°43'17" ♀	28°12'10" ♁	04°52'35"	14°10'10"	0.002
26/02/2045 00:00:00	♁	24°15'25" ♈	-01°57'19"	00°21'16"	01°32'29"	1.082
26/02/2045 00:00:00	♀	02°35'57" ♈	-11°48'07"	-01°20'44"	01°15'01"	1.708
26/02/2045 00:00:00	♂	22°39'09" ♈	-03°39'23"	-00°48'24"	00°46'54"	2.327
26/02/2045 00:00:00	♃	23°35'53" ♎	-14°18'53"	-00°42'07"	00°14'07"	6.007
26/02/2045 00:00:00	♅	11°20'57" ♁	-20°18'01"	01°51'16"	00°02'16"	10.001
26/02/2045 00:00:00	♁	24°17'20" ♁	14°09'00"	00°46'13"	-00°02'32"	17.400
26/02/2045 00:00:00	♃	12°24'12" ♁	13°53'53"	-01°44'28"	00°01'11"	30.221
26/02/2045 00:00:00	♁	02°23'23" ♈	-21°04'37"	-11°14'23"	00°01'41"	41.252
26/02/2045 00:00:00	♁	01°46'34" ♈	-10°50'28"	00°00'00"	00°00'21"	0.003
26/02/2045 00:00:00	♁	16°29'10" ♁	00°16'28"	-05°29'11"	-00°04'39"	7.696
26/02/2045 00:00:00	♁	00°46'42" ♎	-22°33'59"	-02°38'59"	00°06'40"	0.003
26/02/2045 00:00:00	T♄	01°46'34" ♈	-10°50'28"	00°00'00"	00°00'21"	0.003
26/02/2045 00:00:00	T♄	27°40'27" ♎	-12°38'07"	-00°22'46"	-01°29'48"	0.003

Ephemerides year 2045

26/02/2045 00:00:00	X	29°12'04" ♄	05°00'49"	-06°35'37"	00°00'25"	94.130
26/02/2045 00:00:00	Y	13°41'31" ♀	11°14'11"	-11°16'51"	00°00'01"	78.794
27/02/2045 00:00:00	☉	08°47'48" ♃	-08°16'13"	00°00'00"	01°00'17"	0.990
27/02/2045 00:00:00	☾	09°02'53" ♃	27°20'01" ♁	04°13'00"	14°28'38"	0.002
27/02/2045 00:00:00	♁	25°45'45" ♃	-01°09'09"	00°34'43"	01°28'04"	1.056
27/02/2045 00:00:00	♀	03°50'58" ♃	-11°21'40"	-01°21'32"	01°15'00"	1.709
27/02/2045 00:00:00	♂	23°26'03" ♃	-03°20'21"	-00°47'52"	00°46'53"	2.330
27/02/2045 00:00:00	♃	23°49'59" ♃	-14°14'19"	-00°42'13"	00°14'05"	6.003
27/02/2045 00:00:00	♅	11°23'10" ♃	-20°18'11"	01°51'24"	00°02'10"	9.984
27/02/2045 00:00:00	♁	24°14'49" ♃	14°09'50"	00°46'13"	-00°02'31"	17.404
27/02/2045 00:00:00	♃	12°25'24" ♃	13°54'18"	-01°44'25"	00°01'12"	30.237
27/02/2045 00:00:00	♁	02°25'05" ♃	-21°04'04"	-11°14'27"	00°01'41"	41.251
27/02/2045 00:00:00	♁	01°47'04" ♃	-10°50'17"	00°00'00"	00°00'36"	0.003
27/02/2045 00:00:00	♁	16°24'30" ♃	00°18'23"	-05°29'02"	-00°04'40"	7.693
27/02/2045 00:00:00	♁	00°53'22" ♃	-22°31'46"	-02°38'13"	00°06'40"	0.003
27/02/2045 00:00:00	T♁	01°47'04" ♃	-10°50'17"	00°00'00"	00°00'36"	0.003
27/02/2045 00:00:00	T♁	25°48'05" ♃	-13°26'16"	-00°33'11"	-02°08'24"	0.003
27/02/2045 00:00:00	X	29°12'30" ♄	05°01'04"	-06°35'32"	00°00'26"	94.143
27/02/2045 00:00:00	Y	13°41'33" ♀	11°14'21"	-11°16'41"	00°00'02"	78.810

Ephemerides year 2045

28/02/2045 00:00:00	☉	09°48'04" ♈	-07°53'34"	00°00'00"	01°00'15"	0.990
28/02/2045 00:00:00	☾	23°39'24" ♎	24°35'19" ♋	03°16'25"	14°43'37"	0.002
28/02/2045 00:00:00	♃	27°11'22" ♈	-00°22'29"	00°48'33"	01°23'03"	1.029
28/02/2045 00:00:00	♄	05°05'59" ♈	-10°54'56"	-01°22'16"	01°14'59"	1.710
28/02/2045 00:00:00	♅	24°12'55" ♈	-03°01'18"	-00°47'20"	00°46'51"	2.332
28/02/2045 00:00:00	♆	24°04'04" ♎	-14°09'44"	-00°42'20"	00°14'04"	5.999
28/02/2045 00:00:00	♇	11°25'18" ♈	-20°18'20"	01°51'32"	00°02'04"	9.968
28/02/2045 00:00:00	♈	24°12'18" ♈	14°10'40"	00°46'12"	-00°02'30"	17.408
28/02/2045 00:00:00	♉	12°26'38" ♈	13°54'44"	-01°44'21"	00°01'14"	30.252
28/02/2045 00:00:00	♊	02°26'46" ♈	-21°03'30"	-11°14'31"	00°01'41"	41.250
28/02/2045 00:00:00	♋	01°47'45" ♈	-10°50'03"	00°00'00"	00°00'43"	0.003
28/02/2045 00:00:00	♌	16°19'49" ♈	00°20'20"	-05°28'52"	-00°04'41"	7.690
28/02/2045 00:00:00	♍	01°00'02" ♎	-22°29'33"	-02°37'28"	00°06'40"	0.003
28/02/2045 00:00:00	♎	01°47'45" ♈	-10°50'03"	00°00'00"	00°00'43"	0.003
28/02/2045 00:00:00	♏	23°35'46" ♎	-14°22'01"	-00°45'24"	-02°11'16"	0.003
28/02/2045 00:00:00	♐	29°12'56" ♈	05°01'18"	-06°35'26"	00°00'26"	94.156
28/02/2045 00:00:00	♑	13°41'35" ♈	11°14'30"	-11°16'32"	00°00'02"	78.826
01/03/2045 00:00:00	☉	10°48'18" ♈	-07°30'48"	00°00'00"	01°00'13"	0.991
01/03/2045 00:00:00	☾	08°28'20" ♈	20°10'10"	02°06'01"	14°53'09"	0.002

Ephemerides year 2045

01/03/2045 00:00:00	♀	28°31'39" ♈	00°22'21"	01°02'38"	01°17'25"	1.001
01/03/2045 00:00:00	♀	06°20'58" ♈	-10°27'53"	-01°22'56"	01°14'59"	1.711
01/03/2045 00:00:00	♂	24°59'45" ♈	-02°42'15"	-00°46'48"	00°46'49"	2.334
01/03/2045 00:00:00	♃	24°18'07" ♎	-14°05'10"	-00°42'26"	00°14'02"	5.994
01/03/2045 00:00:00	♃	11°27'20" ♏	-20°18'29"	01°51'40"	00°01'58"	9.951
01/03/2045 00:00:00	♃	24°09'48" ♏	14°11'29"	00°46'12"	-00°02'29"	17.412
01/03/2045 00:00:00	♃	12°27'53" ♏	13°55'09"	-01°44'18"	00°01'16"	30.267
01/03/2045 00:00:00	♃	02°28'27" ♈	-21°02'57"	-11°14'36"	00°01'40"	41.248
01/03/2045 00:00:00	♃	01°48'27" ♈	-10°49'48"	00°00'00"	00°00'37"	0.003
01/03/2045 00:00:00	♃	16°15'07" ♏	00°22'18"	-05°28'42"	-00°04'42"	7.687
01/03/2045 00:00:00	♃	01°06'42" ♎	-22°27'20"	-02°36'42"	00°06'39"	0.003
01/03/2045 00:00:00	♃	01°48'27" ♈	-10°49'48"	00°00'00"	00°00'37"	0.003
01/03/2045 00:00:00	♃	21°31'52" ♎	-15°13'14"	-00°56'46"	-01°55'18"	0.003
01/03/2045 00:00:00	X	29°13'23" ♏	05°01'32"	-06°35'21"	00°00'27"	94.169
01/03/2045 00:00:00	Y	13°41'39" ♏	11°14'40"	-11°16'23"	00°00'03"	78.843
02/03/2045 00:00:00	♃	11°48'31" ♈	-07°07'56"	00°00'00"	01°00'11"	0.991
02/03/2045 00:00:00	♃	23°23'21" ♏	14°27'16"	00°46'37"	14°55'35"	0.002
02/03/2045 00:00:00	♀	29°46'01" ♈	01°05'00"	01°16'54"	01°11'11"	0.973
02/03/2045 00:00:00	♀	07°35'57" ♈	-10°00'35"	-01°23'32"	01°14'58"	1.712

Ephemerides year 2045

02/03/2045 00:00:00	♂	25°46'33" ♈	-02°23'11"	-00°46'16"	00°46'47"	2.337
02/03/2045 00:00:00	♃	24°32'09" ♉	-14°00'36"	-00°42'32"	00°14'00"	5.990
02/03/2045 00:00:00	♅	11°29'16" ♁	-20°18'36"	01°51'49"	00°01'53"	9.934
02/03/2045 00:00:00	♁	24°07'19" ♋	14°12'18"	00°46'11"	-00°02'28"	17.417
02/03/2045 00:00:00	♆	12°29'10" ♌	13°55'36"	-01°44'15"	00°01'17"	30.283
02/03/2045 00:00:00	♁	02°30'08" ♈	-21°02'25"	-11°14'42"	00°01'40"	41.247
02/03/2045 00:00:00	♁	01°48'56" ♈	-10°49'37"	00°00'00"	00°00'17"	0.003
02/03/2045 00:00:00	♆	16°10'24" ♌	00°24'18"	-05°28'31"	-00°04'43"	7.685
02/03/2045 00:00:00	♁	01°13'22" ♈	-22°25'07"	-02°35'56"	00°06'39"	0.003
02/03/2045 00:00:00	♁	01°48'56" ♈	-10°49'37"	00°00'00"	00°00'17"	0.003
02/03/2045 00:00:00	♆	19°43'58" ♌	-15°56'57"	-01°06'35"	-01°42'32"	0.003
02/03/2045 00:00:00	X	29°13'50" ♏	05°01'47"	-06°35'16"	00°00'27"	94.182
02/03/2045 00:00:00	Y	13°41'43" ♀	11°14'50"	-11°16'14"	00°00'04"	78.859
03/03/2045 00:00:00	♁	12°48'41" ♈	-06°44'59"	00°00'00"	01°00'09"	0.991
03/03/2045 00:00:00	♃	08°16'51" ♉	07°54'35"	-00°35'47"	14°50'05"	0.002
03/03/2045 00:00:00	♆	00°53'51" ♌	01°45'08"	01°31'14"	01°04'23"	0.945
03/03/2045 00:00:00	♀	08°50'54" ♈	-09°33'00"	-01°24'05"	01°14'57"	1.713
03/03/2045 00:00:00	♂	26°33'20" ♈	-02°04'06"	-00°45'43"	00°46'45"	2.339
03/03/2045 00:00:00	♃	24°46'09" ♉	-13°56'01"	-00°42'39"	00°13'58"	5.985

Ephemerides year 2045

03/03/2045 00:00:00	♃	11°31'06" ♄	-20°18'43"	01°51'57"	00°01'47"	9.918
03/03/2045 00:00:00	♃	24°04'52" ♃	14°13'07"	00°46'10"	-00°02'27"	17.422
03/03/2045 00:00:00	♃	12°30'29" ♃	13°56'03"	-01°44'12"	00°01'19"	30.298
03/03/2045 00:00:00	♃	02°31'48" ♃	-21°01'53"	-11°14'47"	00°01'40"	41.245
03/03/2045 00:00:00	♃	01°48'58" ♃	-10°49'37"	00°00'00"	-00°00'15"	0.003
03/03/2045 00:00:00	♃	16°05'40" ♃	00°26'18"	-05°28'19"	-00°04'44"	7.683
03/03/2045 00:00:00	♃	01°20'01" ♃	-22°22'53"	-02°35'10"	00°06'39"	0.003
03/03/2045 00:00:00	T♃	01°48'58" ♃	-10°49'37"	00°00'00"	-00°00'15"	0.003
03/03/2045 00:00:00	T♃	18°00'48" ♃	-16°37'57"	-01°15'50"	-01°47'15"	0.003
03/03/2045 00:00:00	X	29°14'18" ♃	05°02'01"	-06°35'10"	00°00'27"	94.194
03/03/2045 00:00:00	Y	13°41'48" ♃	11°15'00"	-11°16'04"	00°00'05"	78.876
04/03/2045 00:00:00	♃	13°48'49" ♃	-06°21'55"	-00°00'00"	01°00'07"	0.991
04/03/2045 00:00:00	♃	23°00'56" ♃	01°00'45"	-01°54'54"	14°36'52"	0.002
04/03/2045 00:00:00	♃	01°54'37" ♃	02°22'22"	01°45'29"	00°57'02"	0.917
04/03/2045 00:00:00	♃	10°05'51" ♃	-09°05'10"	-01°24'34"	01°14'56"	1.714
04/03/2045 00:00:00	♃	27°20'04" ♃	-01°45'02"	-00°45'10"	00°46'43"	2.342
04/03/2045 00:00:00	♃	25°00'06" ♃	-13°51'27"	-00°42'46"	00°13'56"	5.980
04/03/2045 00:00:00	♃	11°32'50" ♄	-20°18'49"	01°52'05"	00°01'41"	9.901
04/03/2045 00:00:00	♃	24°02'25" ♃	14°13'55"	00°46'10"	-00°02'25"	17.427

Ephemerides year 2045

04/03/2045 00:00:00	♁	12°31'49"	♏	13°56'30"	-01°44'09"	00°01'21"	30.313
04/03/2045 00:00:00	♁	02°33'28"	♏	-21°01'21"	-11°14'53"	00°01'39"	41.242
04/03/2045 00:00:00	♁	01°48'23"	♏	-10°49'49"	00°00'00"	-00°00'54"	0.003
04/03/2045 00:00:00	♁	16°00'55"	♏	00°28'19"	-05°28'06"	-00°04'44"	7.681
04/03/2045 00:00:00	♁	01°26'41"	♏	-22°20'38"	-02°34'24"	00°06'39"	0.003
04/03/2045 00:00:00	T♁	01°48'23"	♏	-10°49'49"	00°00'00"	-00°00'54"	0.003
04/03/2045 00:00:00	T♁	16°02'54"	♏	-17°23'45"	-01°26'16"	-02°11'16"	0.003
04/03/2045 00:00:00	X	29°14'46"	♏	05°02'16"	-06°35'05"	00°00'28"	94.206
04/03/2045 00:00:00	Y	13°41'53"	♏	11°15'10"	-11°15'55"	00°00'05"	78.892
05/03/2045 00:00:00	♁	14°48'56"	♏	-05°58'46"	-00°00'00"	01°00'05"	0.992
05/03/2045 00:00:00	♁	07°28'27"	♏	-05°47'54"	-03°05'03"	14°17'16"	0.002
05/03/2045 00:00:00	♁	02°47'46"	♏	02°56'23"	01°59'32"	00°49'11"	0.889
05/03/2045 00:00:00	♁	11°20'47"	♏	-08°37'06"	-01°24'59"	01°14'55"	1.714
05/03/2045 00:00:00	♁	28°06'47"	♏	-01°25'58"	-00°44'37"	00°46'41"	2.344
05/03/2045 00:00:00	♁	25°14'02"	♏	-13°46'52"	-00°42'52"	00°13'55"	5.974
05/03/2045 00:00:00	♁	11°34'28"	♏	-20°18'54"	01°52'13"	00°01'35"	9.884
05/03/2045 00:00:00	♁	24°00'00"	♏	14°14'42"	00°46'09"	-00°02'24"	17.433
05/03/2045 00:00:00	♁	12°33'11"	♏	13°56'57"	-01°44'06"	00°01'22"	30.327
05/03/2045 00:00:00	♁	02°35'08"	♏	-21°00'49"	-11°14'59"	00°01'39"	41.240

Ephemerides year 2045

05/03/2045 00:00:00	♏	01°47'10"	♋	-10°50'15"	00°00'00"	-00°01'31"	0.003
05/03/2045 00:00:00	♌	15°56'10"	♍	00°30'21"	-05°27'52"	-00°04'45"	7.679
05/03/2045 00:00:00	♋	01°33'21"	♏	-22°18'24"	-02°33'38"	00°06'39"	0.003
05/03/2045 00:00:00	T♏	01°47'10"	♋	-10°50'15"	00°00'00"	-00°01'31"	0.003
05/03/2045 00:00:00	T♋	13°34'58"	♏	-18°19'37"	-01°39'09"	-02°44'53"	0.003
05/03/2045 00:00:00	X	29°15'15"	♋	05°02'31"	-06°35'00"	00°00'28"	94.218
05/03/2045 00:00:00	Y	13°41'59"	♏	11°15'19"	-11°15'46"	00°00'06"	78.909
06/03/2045 00:00:00	♏	15°49'01"	♋	-05°35'32"	-00°00'00"	01°00'04"	0.992
06/03/2045 00:00:00	♎	21°34'01"	♏	-12°08'40"	-04°02'01"	13°53'21"	0.003
06/03/2045 00:00:00	♏	03°32'52"	♋	03°26'52"	02°13'13"	00°40'56"	0.862
06/03/2045 00:00:00	♏	12°35'43"	♋	-08°08'47"	-01°25'21"	01°14'55"	1.715
06/03/2045 00:00:00	♏	28°53'27"	♋	-01°06'53"	-00°44'04"	00°46'39"	2.347
06/03/2045 00:00:00	♏	25°27'57"	♏	-13°42'18"	-00°42'59"	00°13'53"	5.969
06/03/2045 00:00:00	♏	11°36'00"	♏	-20°18'58"	01°52'21"	00°01'29"	9.868
06/03/2045 00:00:00	♏	23°57'36"	♏	14°15'29"	00°46'08"	-00°02'23"	17.439
06/03/2045 00:00:00	♏	12°34'35"	♏	13°57'25"	-01°44'03"	00°01'24"	30.342
06/03/2045 00:00:00	♏	02°36'48"	♋	-21°00'18"	-11°15'05"	00°01'39"	41.237
06/03/2045 00:00:00	♏	01°45'25"	♋	-10°50'53"	00°00'00"	-00°01'56"	0.003
06/03/2045 00:00:00	♌	15°51'25"	♍	00°32'24"	-05°27'38"	-00°04'45"	7.678

Ephemerides year 2045

06/03/2045 00:00:00	☾	01°40'01" ♊	-22°16'09"	-02°32'52"	00°06'39"	0.003
06/03/2045 00:00:00	♁	01°45'25" ♋	-10°50'53"	00°00'00"	-00°01'56"	0.003
06/03/2045 00:00:00	♁	10°35'39" ♊	-19°24'51"	-01°54'31"	-03°10'57"	0.003
06/03/2045 00:00:00	X	29°15'44" ♋	05°02'46"	-06°34'55"	00°00'29"	94.230
06/03/2045 00:00:00	Y	13°42'07" ♋	11°15'29"	-11°15'36"	00°00'07"	78.925
07/03/2045 00:00:00	☉	16°49'04" ♋	-05°12'13"	-00°00'00"	01°00'02"	0.992
07/03/2045 00:00:00	☾	05°14'31" ♋	-17°42'45"	-04°43'18"	13°27'31"	0.003
07/03/2045 00:00:00	♀	04°09'32" ♋	03°53'32"	02°26'24"	00°32'20"	0.835
07/03/2045 00:00:00	♀	13°50'37" ♋	-07°40'16"	-01°25'38"	01°14'54"	1.716
07/03/2045 00:00:00	♂	29°40'06" ♋	-00°47'50"	-00°43'30"	00°46'37"	2.349
07/03/2045 00:00:00	♃	25°41'49" ♊	-13°37'43"	-00°43'06"	00°13'51"	5.963
07/03/2045 00:00:00	♃	11°37'27" ♋	-20°19'02"	01°52'30"	00°01'23"	9.851
07/03/2045 00:00:00	♃	23°55'14" ♋	14°16'16"	00°46'08"	-00°02'21"	17.445
07/03/2045 00:00:00	♃	12°36'00" ♋	13°57'54"	-01°44'00"	00°01'26"	30.357
07/03/2045 00:00:00	♃	02°38'27" ♋	-20°59'48"	-11°15'12"	00°01'39"	41.234
07/03/2045 00:00:00	♁	01°43'23" ♋	-10°51'36"	00°00'00"	-00°02'03"	0.003
07/03/2045 00:00:00	♃	15°46'40" ♋	00°34'28"	-05°27'22"	-00°04'45"	7.677
07/03/2045 00:00:00	☾	01°46'40" ♊	-22°13'54"	-02°32'06"	00°06'39"	0.003
07/03/2045 00:00:00	♁	01°43'23" ♋	-10°51'36"	00°00'00"	-00°02'03"	0.003

Ephemerides year 2045

07/03/2045 00:00:00	T♄	07°20'55" ♊	-20°32'23"	-02°10'51"	-03°13'45"	0.003
07/03/2045 00:00:00	X	29°16'13" ♄	05°03'01"	-06°34'50"	00°00'29"	94.242
07/03/2045 00:00:00	Y	13°42'15" ♀	11°15'40"	-11°15'27"	00°00'08"	78.942
08/03/2045 00:00:00	☉	17°49'06" ♈	-04°48'51"	-00°00'00"	01°00'00"	0.992
08/03/2045 00:00:00	☾	18°29'12" ♎	-22°15'11"	-05°07'57"	13°02'04"	0.003
08/03/2045 00:00:00	♀	04°37'28" ♄	04°16'06"	02°38'55"	00°23'29"	0.809
08/03/2045 00:00:00	♀	15°05'31" ♈	-07°11'33"	-01°25'52"	01°14'53"	1.717
08/03/2045 00:00:00	♂	00°26'43" ♄	-00°28'46"	-00°42'57"	00°46'36"	2.351
08/03/2045 00:00:00	♃	25°55'39" ♊	-13°33'09"	-00°43'13"	00°13'49"	5.958
08/03/2045 00:00:00	♅	11°38'47" ♏	-20°19'04"	01°52'38"	00°01'17"	9.834
08/03/2045 00:00:00	♁	23°52'53" ♏	14°17'02"	00°46'07"	-00°02'20"	17.452
08/03/2045 00:00:00	♃	12°37'27" ♏	13°58'23"	-01°43'57"	00°01'27"	30.371
08/03/2045 00:00:00	♁	02°40'06" ♈	-20°59'17"	-11°15'18"	00°01'38"	41.231
08/03/2045 00:00:00	♁	01°41'25" ♈	-10°52'18"	00°00'00"	-00°01'49"	0.003
08/03/2045 00:00:00	♁	15°41'54" ♎	00°36'32"	-05°27'06"	-00°04'45"	7.677
08/03/2045 00:00:00	♁	01°53'20" ♊	-22°11'38"	-02°31'20"	00°06'39"	0.003
08/03/2045 00:00:00	T♁	01°41'25" ♈	-10°52'18"	00°00'00"	-00°01'49"	0.003
08/03/2045 00:00:00	T♄	04°17'34" ♊	-21°32'36"	-02°25'51"	-02°48'42"	0.003
08/03/2045 00:00:00	X	29°16'43" ♄	05°03'16"	-06°34'45"	00°00'30"	94.253

Ephemerides year 2045

08/03/2045 00:00:00	Y	13°42'23" ♀	11°15'50"	-11°15'18"	00°00'09"	78.958
09/03/2045 00:00:00	☉	18°49'06" ♀	-04°25'24"	-00°00'00"	00°59'59"	0.993
09/03/2045 00:00:00	☾	01°19'25" ♂	-25°34'42"	0-05°16'14"	12°38'54"	0.003
09/03/2045 00:00:00	♀	04°56'27" ♀	04°34'22"	02°50'35"	00°14'29"	0.784
09/03/2045 00:00:00	♀	16°20'25" ♀	-06°42'38"	-01°26'02"	01°14'53"	1.717
09/03/2045 00:00:00	♂	01°13'18" ♀	-00°09'44"	-00°42'23"	00°46'34"	2.354
09/03/2045 00:00:00	♃	26°09'27" ♁	-13°28'35"	-00°43'20"	00°13'46"	5.952
09/03/2045 00:00:00	♄	11°40'02" ♂	-20°19'06"	01°52'46"	00°01'11"	9.818
09/03/2045 00:00:00	♅	23°50'34" ♂	14°17'47"	00°46'06"	-00°02'18"	17.458
09/03/2045 00:00:00	♆	12°38'55" ♂	13°58'52"	-01°43'54"	00°01'29"	30.385
09/03/2045 00:00:00	♁	02°41'45" ♀	-20°58'47"	-11°15'26"	00°01'38"	41.227
09/03/2045 00:00:00	♁	01°39'52" ♀	-10°52'52"	00°00'00"	-00°01'15"	0.003
09/03/2045 00:00:00	♂	15°37'09" ♁	00°38'37"	-05°26'50"	-00°04'44"	7.676
09/03/2045 00:00:00	♁	02°00'00" ♁	-22°09'22"	-02°30'34"	00°06'39"	0.003
09/03/2045 00:00:00	T♁	01°39'52" ♀	-10°52'52"	00°00'00"	-00°01'15"	0.003
09/03/2045 00:00:00	T♁	01°49'56" ♁	-22°18'34"	-02°37'39"	-02°04'34"	0.003
09/03/2045 00:00:00	X	29°17'14" ♀	05°03'31"	-06°34'40"	00°00'30"	94.264
09/03/2045 00:00:00	Y	13°42'33" ♀	11°16'00"	-11°15'09"	00°00'10"	78.975
10/03/2045 00:00:00	☉	19°49'05" ♀	-04°01'54"	-00°00'00"	00°59'57"	0.993

Ephemerides year 2045

10/03/2045 00:00:00	♃	13°48'13" ♄	-27°34'05" ♁	-05°09'12"	12°19'21"	0.003
10/03/2045 00:00:00	♆	05°06'26" ♄	04°48'06"	03°01'15"	00°05'28"	0.761
10/03/2045 00:00:00	♀	17°35'18" ♃	-06°13'32"	-01°26'08"	01°14'52"	1.718
10/03/2045 00:00:00	♂	01°59'52" ♄	00°09'17"	-00°41'49"	00°46'32"	2.356
10/03/2045 00:00:00	♃	26°23'13" ♁	-13°24'01"	-00°43'28"	00°13'44"	5.945
10/03/2045 00:00:00	♁	11°41'11" ♄	-20°19'07"	01°52'54"	00°01'05"	9.801
10/03/2045 00:00:00	♃	23°48'16" ♁	14°18'32"	00°46'05"	-00°02'16"	17.465
10/03/2045 00:00:00	♃	12°40'25" ♁	13°59'22"	-01°43'51"	00°01'30"	30.399
10/03/2045 00:00:00	♃	02°43'23" ♃	-20°58'17"	-11°15'33"	00°01'38"	41.223
10/03/2045 00:00:00	♁	01°38'59" ♃	-10°53'10"	00°00'00"	-00°00'28"	0.003
10/03/2045 00:00:00	♃	15°32'24" ♁	00°40'42"	-05°26'32"	-00°04'44"	7.677
10/03/2045 00:00:00	♁	02°06'40" ♁	-22°07'06"	-02°29'47"	00°06'39"	0.003
10/03/2045 00:00:00	♁	01°38'59" ♃	-10°53'10"	00°00'00"	-00°00'28"	0.003
10/03/2045 00:00:00	♁	00°09'50" ♁	-22°48'24"	-02°45'30"	-01°16'04"	0.003
10/03/2045 00:00:00	X	29°17'45" ♄	05°03'46"	-06°34'35"	00°00'31"	94.275
10/03/2045 00:00:00	Y	13°42'44" ♃	11°16'10"	-11°14'59"	00°00'10"	78.991
11/03/2045 00:00:00	♁	20°49'02" ♃	-03°38'20"	-00°00'00"	00°59'56"	0.993
11/03/2045 00:00:00	♃	25°59'38" ♄	-28°10'38" ♁	-04°48'16"	12°04'15"	0.003
11/03/2045 00:00:00	♆	05°07'27" ♄	04°57'12"	03°10'43"	-00°03'25"	0.738

Ephemerides year 2045

11/03/2045 00:00:00	♀	18°50'09" ♈	-05°44'16"	-01°26'10"	01°14'51"	1.719
11/03/2045 00:00:00	♂	02°46'23" ♏	00°28'18"	-00°41'14"	00°46'30"	2.359
11/03/2045 00:00:00	♃	26°36'56" ♁	-13°19'27"	-00°43'35"	00°13'42"	5.939
11/03/2045 00:00:00	♅	11°42'13" ♊	-20°19'07"	01°53'03"	00°00'59"	9.785
11/03/2045 00:00:00	♁	23°46'00" ♉	14°19'16"	00°46'04"	-00°02'15"	17.473
11/03/2045 00:00:00	♃	12°41'57" ♊	13°59'53"	-01°43'48"	00°01'32"	30.413
11/03/2045 00:00:00	♁	02°45'01" ♈	-20°57'48"	-11°15'41"	00°01'37"	41.219
11/03/2045 00:00:00	♁	01°38'57" ♈	-10°53'11"	00°00'00"	00°00'23"	0.003
11/03/2045 00:00:00	♃	15°27'40" ♊	00°42'48"	-05°26'13"	-00°04'43"	7.677
11/03/2045 00:00:00	♃	02°13'20" ♁	-22°04'50"	-02°29'01"	00°06'39"	0.003
11/03/2045 00:00:00	♁	01°38'57" ♈	-10°53'11"	00°00'00"	00°00'23"	0.003
11/03/2045 00:00:00	♃	29°15'03" ♊	-23°04'17"	-02°49'47"	-00°35'30"	0.003
11/03/2045 00:00:00	X	29°18'16" ♏	05°04'02"	-06°34'30"	00°00'31"	94.286
11/03/2045 00:00:00	Y	13°42'55" ♀	11°16'21"	-11°14'50"	00°00'11"	79.008
12/03/2045 00:00:00	♁	21°48'57" ♈	-03°14'44"	-00°00'00"	00°59'54"	0.994
12/03/2045 00:00:00	♃	07°58'21" ♊	-27°26'20"	-04°15'03"	11°54'00"	0.003
12/03/2045 00:00:00	♃	04°59'40" ♏	05°01'34"	03°18'51"	-00°12'04"	0.717
12/03/2045 00:00:00	♀	20°05'01" ♈	-05°14'51"	-01°26'08"	01°14'50"	1.719
12/03/2045 00:00:00	♂	03°32'52" ♏	00°47'17"	-00°40'40"	00°46'28"	2.361

Ephemerides year 2045

12/03/2045 00:00:00	♃	26°50'38" ♊	-13°14'53"	-00°43'42"	00°13'39"	5.932
12/03/2045 00:00:00	♅	11°43'10" ♈	-20°19'06"	01°53'11"	00°00'53"	9.768
12/03/2045 00:00:00	♆	23°43'46" ♏	14°19'59"	00°46'03"	-00°02'13"	17.480
12/03/2045 00:00:00	♇	12°43'30" ♉	14°00'23"	-01°43'45"	00°01'33"	30.426
12/03/2045 00:00:00	♁	02°46'38" ♋	-20°57'19"	-11°15'49"	00°01'37"	41.214
12/03/2045 00:00:00	♄	01°39'44" ♌	-10°52'54"	00°00'00"	00°01'09"	0.003
12/03/2045 00:00:00	♆	15°22'57" ♏	00°44'55"	-05°25'54"	-00°04'42"	7.678
12/03/2045 00:00:00	♁	02°19'59" ♋	-22°02'33"	-02°28'14"	00°06'39"	0.003
12/03/2045 00:00:00	♄	01°39'44" ♌	-10°52'54"	00°00'00"	00°01'09"	0.003
12/03/2045 00:00:00	♁	28°53'55" ♋	-23°10'21"	-02°51'28"	-00°09'25"	0.003
12/03/2045 00:00:00	X	29°18'48" ♏	05°04'17"	-06°34'25"	00°00'32"	94.296
12/03/2045 00:00:00	Y	13°43'07" ♉	11°16'31"	-11°14'41"	00°00'12"	79.024
13/03/2045 00:00:00	♁	22°48'51" ♋	-02°51'06"	-00°00'00"	00°59'52"	0.994
13/03/2045 00:00:00	♂	19°49'15" ♈	-25°27'18"	-03°31'16"	11°48'34"	0.003
13/03/2045 00:00:00	♁	04°43'25" ♋	05°01'12"	03°25'29"	-00°20'19"	0.698
13/03/2045 00:00:00	♁	21°19'51" ♋	-04°45'17"	-01°26'03"	01°14'50"	1.720
13/03/2045 00:00:00	♂	04°19'19" ♏	01°06'15"	-00°40'05"	00°46'26"	2.363
13/03/2045 00:00:00	♃	27°04'16" ♊	-13°10'20"	-00°43'50"	00°13'37"	5.925
13/03/2045 00:00:00	♅	11°44'00" ♈	-20°19'05"	01°53'19"	00°00'47"	9.752

Ephemerides year 2045

13/03/2045 00:00:00	♃	23°41'33" ♏	14°20'42"	00°46'02"	-00°02'11"	17.488
13/03/2045 00:00:00	♃	12°45'05" ♏	14°00'55"	-01°43'42"	00°01'35"	30.440
13/03/2045 00:00:00	♃	02°48'15" ♏	-20°56'51"	-11°15'57"	00°01'36"	41.210
13/03/2045 00:00:00	♃	01°41'10" ♏	-10°52'24"	00°00'00"	00°01'38"	0.003
13/03/2045 00:00:00	♃	15°18'15" ♏	00°47'01"	-05°25'34"	-00°04'41"	7.678
13/03/2045 00:00:00	♃	02°26'39" ♏	-22°00'16"	-02°27'28"	00°06'39"	0.003
13/03/2045 00:00:00	♃	01°41'10" ♏	-10°52'24"	00°00'00"	00°01'38"	0.003
13/03/2045 00:00:00	♃	28°50'51" ♏	-23°11'16"	-02°51'44"	00°00'46"	0.003
13/03/2045 00:00:00	X	29°19'20" ♏	05°04'33"	-06°34'20"	00°00'32"	94.306
13/03/2045 00:00:00	Y	13°43'20" ♏	11°16'42"	-11°14'32"	00°00'13"	79.040
14/03/2045 00:00:00	♃	23°48'43" ♏	-02°27'25"	-00°00'00"	00°59'51"	0.994
14/03/2045 00:00:00	♃	01°37'03" ♏	-22°22'31"	-02°38'44"	11°47'45"	0.003
14/03/2045 00:00:00	♃	04°19'11" ♏	04°56'08"	03°30'27"	-00°28'00"	0.680
14/03/2045 00:00:00	♃	22°34'41" ♏	-04°15'35"	-01°25'53"	01°14'49"	1.720
14/03/2045 00:00:00	♃	05°05'45" ♏	01°25'11"	-00°39'30"	00°46'24"	2.366
14/03/2045 00:00:00	♃	27°17'53" ♏	-13°05'47"	-00°43'57"	00°13'34"	5.918
14/03/2045 00:00:00	♃	11°44'45" ♏	-20°19'03"	01°53'28"	00°00'41"	9.736
14/03/2045 00:00:00	♃	23°39'22" ♏	14°21'25"	00°46'01"	-00°02'09"	17.496
14/03/2045 00:00:00	♃	12°46'41" ♏	14°01'26"	-01°43'40"	00°01'36"	30.453

Ephemerides year 2045

14/03/2045 00:00:00	♁	02°49'52" ♈	-20°56'23"	-11°16'05"	00°01'36"	41.205
14/03/2045 00:00:00	♁	01°42'54" ♈	-10°51'46"	00°00'00"	00°01'44"	0.003
14/03/2045 00:00:00	♃	15°13'33" ♉	00°49'08"	-05°25'13"	-00°04'40"	7.680
14/03/2045 00:00:00	♁	02°33'19" ♈	-21°57'58"	-02°26'41"	00°06'39"	0.003
14/03/2045 00:00:00	♁	01°42'54" ♈	-10°51'46"	00°00'00"	00°01'44"	0.003
14/03/2045 00:00:00	♁	28°51'08" ♈	-23°11'12"	-02°51'44"	-00°01'51"	0.003
14/03/2045 00:00:00	X	29°19'53" ♈	05°04'49"	-06°34'16"	00°00'32"	94.316
14/03/2045 00:00:00	Y	13°43'33" ♈	11°16'53"	-11°14'22"	00°00'13"	79.057
15/03/2045 00:00:00	♁	24°48'33" ♈	-02°03'43"	-00°00'00"	00°59'49"	0.994
15/03/2045 00:00:00	♁	13°26'08" ♈	-18°22'22"	-01°39'21"	11°51'03"	0.003
15/03/2045 00:00:00	♁	03°47'38" ♈	04°46'32"	03°33'39"	-00°34'58"	0.664
15/03/2045 00:00:00	♁	23°49'29" ♈	-03°45'47"	-01°25'40"	01°14'48"	1.720
15/03/2045 00:00:00	♁	05°52'08" ♈	01°44'05"	-00°38'55"	00°46'21"	2.368
15/03/2045 00:00:00	♁	27°31'26" ♈	-13°01'14"	-00°44'05"	00°13'32"	5.911
15/03/2045 00:00:00	♁	11°45'23" ♈	-20°18'59"	01°53'36"	00°00'35"	9.719
15/03/2045 00:00:00	♁	23°37'13" ♈	14°22'06"	00°46'00"	-00°02'08"	17.505
15/03/2045 00:00:00	♁	12°48'19" ♈	14°01'58"	-01°43'37"	00°01'38"	30.466
15/03/2045 00:00:00	♁	02°51'28" ♈	-20°55'55"	-11°16'14"	00°01'35"	41.199
15/03/2045 00:00:00	♁	01°44'31" ♈	-10°51'12"	00°00'00"	00°01'23"	0.003

Ephemerides year 2045

15/03/2045 00:00:00	♄	15°08'53" ♎	00°51'15"	-05°24'52"	-00°04'39"	7.681
15/03/2045 00:00:00	♁	02°39'59" ♋	-21°55'40"	-02°25'54"	00°06'39"	0.003
15/03/2045 00:00:00	♁	01°44'31" ♋	-10°51'12"	00°00'00"	00°01'23"	0.003
15/03/2045 00:00:00	♁	28°45'20" ♎	-23°12'48"	-02°52'07"	-00°09'45"	0.003
15/03/2045 00:00:00	X	29°20'26" ♎	05°05'04"	-06°34'11"	00°00'33"	94.326
15/03/2045 00:00:00	Y	13°43'48" ♋	11°17'03"	-11°14'13"	00°00'14"	79.073
16/03/2045 00:00:00	♁	25°48'21" ♋	-01°40'00"	00°00'00"	00°59'47"	0.995
16/03/2045 00:00:00	♁	25°20'21" ♋	-13°37'38"	-00°35'19"	11°57'54"	0.003
16/03/2045 00:00:00	♁	03°09'31" ♎	04°32'36"	03°34'59"	-00°41'05"	0.650
16/03/2045 00:00:00	♁	25°04'17" ♋	-03°15'52"	-01°25'23"	01°14'47"	1.721
16/03/2045 00:00:00	♁	06°38'28" ♎	02°02'58"	-00°38'20"	00°46'19"	2.370
16/03/2045 00:00:00	♁	27°44'57" ♋	-12°56'42"	-00°44'13"	00°13'29"	5.904
16/03/2045 00:00:00	♁	11°45'55" ♎	-20°18'56"	01°53'44"	00°00'29"	9.703
16/03/2045 00:00:00	♁	23°35'06" ♎	14°22'47"	00°45'59"	-00°02'06"	17.513
16/03/2045 00:00:00	♁	12°49'58" ♎	14°02'30"	-01°43'34"	00°01'39"	30.479
16/03/2045 00:00:00	♁	02°53'03" ♋	-20°55'28"	-11°16'23"	00°01'35"	41.194
16/03/2045 00:00:00	♁	01°45'32" ♋	-10°50'50"	00°00'00"	00°00'35"	0.003
16/03/2045 00:00:00	♁	15°04'15" ♎	00°53'23"	-05°24'29"	-00°04'37"	7.683
16/03/2045 00:00:00	♁	02°46'38" ♋	-21°53'22"	-02°25'07"	00°06'39"	0.003

Ephemerides year 2045

16/03/2045 00:00:00	T♄	01°45'32" ♈	-10°50'50"	00°00'00"	00°00'35"	0.003
16/03/2045 00:00:00	T♄	28°33'54" ♎	-23°15'53"	-02°52'51"	-00°10'45"	0.003
16/03/2045 00:00:00	X	29°20'59" ♈	05°05'20"	-06°34'06"	00°00'33"	94.336
16/03/2045 00:00:00	Y	13°44'03" ♀	11°17'14"	-11°14'04"	00°00'15"	79.089
17/03/2045 00:00:00	☉	26°48'07" ♈	-01°16'16"	00°00'00"	00°59'45"	0.995
17/03/2045 00:00:00	☾	07°22'52" ♈	-08°19'13"	00°30'54"	12°07'34"	0.003
17/03/2045 00:00:00	☿	02°25'47" ♈	04°14'40"	03°34'24"	-00°46'12"	0.638
17/03/2045 00:00:00	♀	26°19'04" ♈	-02°45'51"	-01°25'02"	01°14'46"	1.721
17/03/2045 00:00:00	♂	07°24'47" ♈	02°21'48"	-00°37'45"	00°46'17"	2.373
17/03/2045 00:00:00	♃	27°58'25" ♎	-12°52'10"	-00°44'20"	00°13'26"	5.896
17/03/2045 00:00:00	♅	11°46'21" ♈	-20°18'51"	01°53'52"	00°00'22"	9.687
17/03/2045 00:00:00	♁	23°33'01" ♎	14°23'27"	00°45'57"	-00°02'04"	17.522
17/03/2045 00:00:00	♆	12°51'38" ♎	14°03'03"	-01°43'32"	00°01'41"	30.492
17/03/2045 00:00:00	♂	02°54'38" ♈	-20°55'02"	-11°16'32"	00°01'34"	41.188
17/03/2045 00:00:00	♁	01°45'34" ♈	-10°50'49"	00°00'00"	-00°00'34"	0.003
17/03/2045 00:00:00	♅	14°59'38" ♎	00°55'30"	-05°24'06"	-00°04'36"	7.685
17/03/2045 00:00:00	♁	02°53'18" ♎	-21°51'04"	-02°24'20"	00°06'39"	0.003
17/03/2045 00:00:00	T♄	01°45'34" ♈	-10°50'49"	00°00'00"	-00°00'34"	0.003
17/03/2045 00:00:00	T♄	28°30'54" ♎	-23°16'27"	-02°52'48"	00°09'20"	0.003

Ephemerides year 2045

17/03/2045 00:00:00	X	29°21'33" ♄	05°05'36"	-06°34'02"	00°00'33"	94.345
17/03/2045 00:00:00	Y	13°44'19" ♀	11°17'25"	-11°13'55"	00°00'16"	79.105
18/03/2045 00:00:00		☉ 27°47'52" ♃	-00°52'31"	00°00'00"	00°59'43"	0.995
18/03/2045 00:00:00		☾ 19°36'11" ♃	-02°38'05"	01°36'35"	12°19'18"	0.003
18/03/2045 00:00:00		♁ 01°37'28" ♄	03°53'07"	03°31'51"	-00°50'13"	0.627
18/03/2045 00:00:00		♂ 27°33'50" ♃	-02°15'46"	-01°24'37"	01°14'45"	1.721
18/03/2045 00:00:00		♂ 08°11'03" ♄	02°40'35"	-00°37'09"	00°46'15"	2.375
18/03/2045 00:00:00		♃ 28°11'49" ♁	-12°47'39"	-00°44'28"	00°13'23"	5.889
18/03/2045 00:00:00		♃ 11°46'41" ♁	-20°18'46"	01°54'00"	00°00'16"	9.671
18/03/2045 00:00:00		♃ 23°30'58" ♁	14°24'07"	00°45'56"	-00°02'02"	17.531
18/03/2045 00:00:00		♃ 12°53'20" ♁	14°03'36"	-01°43'29"	00°01'42"	30.504
18/03/2045 00:00:00		♃ 02°56'12" ♃	-20°54'35"	-11°16'42"	00°01'33"	41.182
18/03/2045 00:00:00		♁ 01°44'19" ♃	-10°51'16"	00°00'00"	-00°01'55"	0.003
18/03/2045 00:00:00		♃ 14°55'02" ♁	00°57'38"	-05°23'42"	-00°04'34"	7.688
18/03/2045 00:00:00		♁ 02°59'58" ♁	-21°48'45"	-02°23'33"	00°06'39"	0.003
18/03/2045 00:00:00	T♁	01°44'19" ♃	-10°51'16"	00°00'00"	-00°01'55"	0.003
18/03/2045 00:00:00	T♁	29°02'56" ♁	-23°07'00"	-02°49'57"	01°00'02"	0.003
18/03/2045 00:00:00	X	29°22'07" ♄	05°05'52"	-06°33'57"	00°00'34"	94.354
18/03/2045 00:00:00	Y	13°44'35" ♀	11°17'36"	-11°13'46"	00°00'16"	79.121

Ephemerides year 2045

19/03/2045 00:00:00	☉	28°47'34" ♈	-00°28'47"	00°00'00"	00°59'41"	0.995
19/03/2045 00:00:00	☾	02°01'56" ♏	03°14'05"	02°38'41"	12°32'22"	0.003
19/03/2045 00:00:00	♀	00°45'44" ♏	03°28'26"	03°27'22"	-00°53'04"	0.619
19/03/2045 00:00:00	♀	28°48'35" ♈	-01°45'36"	-01°24'09"	01°14'44"	1.721
19/03/2045 00:00:00	♂	08°57'17" ♏	02°59'20"	-00°36'33"	00°46'12"	2.377
19/03/2045 00:00:00	♃	28°25'11" ♎	-12°43'08"	-00°44'36"	00°13'20"	5.881
19/03/2045 00:00:00	♅	11°46'54" ♏	-20°18'39"	01°54'08"	00°00'10"	9.655
19/03/2045 00:00:00	♁	23°28'57" ♏	14°24'45"	00°45'55"	-00°01'59"	17.541
19/03/2045 00:00:00	♃	12°55'03" ♏	14°04'10"	-01°43'27"	00°01'43"	30.516
19/03/2045 00:00:00	♁	02°57'46" ♈	-20°54'10"	-11°16'52"	00°01'33"	41.176
19/03/2045 00:00:00	♁	01°41'43" ♈	-10°52'12"	00°00'00"	-00°03'15"	0.003
19/03/2045 00:00:00	♃	14°50'29" ♏	00°59'45"	-05°23'18"	-00°04'32"	7.691
19/03/2045 00:00:00	♁	03°06'37" ♎	-21°46'26"	-02°22'46"	00°06'39"	0.003
19/03/2045 00:00:00	♁	01°41'43" ♈	-10°52'12"	00°00'00"	-00°03'15"	0.003
19/03/2045 00:00:00	♁	00°40'27" ♎	-22°38'12"	-02°41'54"	02°18'39"	0.003
19/03/2045 00:00:00	X	29°22'41" ♏	05°06'08"	-06°33'53"	00°00'34"	94.363
19/03/2045 00:00:00	Y	13°44'52" ♏	11°17'47"	-11°13'37"	00°00'17"	79.137
20/03/2045 00:00:00	☉	29°47'15" ♈	-00°05'03"	00°00'00"	00°59'39"	0.996
20/03/2045 00:00:00	☾	14°41'07" ♏	09°04'28"	03°34'02"	12°46'03"	0.003

Ephemerides year 2045

20/03/2045 00:00:00	♀	29°51'43" ♋	03°01'09"	03°21'02"	-00°54'43"	0.612
20/03/2045 00:00:00	♀	00°03'19" ♏	-01°15'23"	-01°23'37"	01°14'43"	1.722
20/03/2045 00:00:00	♂	09°43'29" ♏	03°18'03"	-00°35'57"	00°46'10"	2.380
20/03/2045 00:00:00	♃	28°38'30" ♎	-12°38'38"	-00°44'45"	00°13'17"	5.873
20/03/2045 00:00:00	♃	11°47'02" ♏	-20°18'32"	01°54'17"	00°00'04"	9.639
20/03/2045 00:00:00	♃	23°26'58" ♏	14°25'23"	00°45'54"	-00°01'57"	17.550
20/03/2045 00:00:00	♃	12°56'48" ♏	14°04'43"	-01°43'24"	00°01'45"	30.528
20/03/2045 00:00:00	♃	02°59'18" ♋	-20°53'45"	-11°17'02"	00°01'32"	41.169
20/03/2045 00:00:00	♁	01°37'53" ♋	-10°53'34"	00°00'00"	-00°04'20"	0.003
20/03/2045 00:00:00	♃	14°45'58" ♏	01°01'52"	-05°22'52"	-00°04'30"	7.694
20/03/2045 00:00:00	♃	03°13'17" ♎	-21°44'07"	-02°21'59"	00°06'39"	0.003
20/03/2045 00:00:00	T♁	01°37'53" ♋	-10°53'34"	00°00'00"	-00°04'20"	0.003
20/03/2045 00:00:00	T♃	03°44'18" ♎	-21°41'26"	-02°26'46"	03°49'10"	0.003
20/03/2045 00:00:00	X	29°23'15" ♏	05°06'24"	-06°33'49"	00°00'34"	94.371
20/03/2045 00:00:00	Y	13°45'10" ♏	11°17'57"	-11°13'28"	00°00'18"	79.153
21/03/2045 00:00:00	☉	00°46'53" ♏	00°18'39"	00°00'00"	00°59'37"	0.996
21/03/2045 00:00:00	☾	27°34'04" ♏	14°38'22"	04°19'30"	12°59'49"	0.003
21/03/2045 00:00:00	♀	28°56'40" ♋	02°31'49"	03°12'56"	-00°55'11"	0.607
21/03/2045 00:00:00	♀	01°18'02" ♏	-00°45'08"	-01°23'01"	01°14'42"	1.722

Ephemerides year 2045

21/03/2045 00:00:00	♂	10°29'38" ♏	03°36'42"	-00°35'21"	00°46'08"	2.382
21/03/2045 00:00:00	♃	28°51'46" ♍	-12°34'09"	-00°44'53"	00°13'13"	5.864
21/03/2045 00:00:00	♅	11°47'04" ♌	-20°18'24"	01°54'25"	-00°00'01"	9.623
21/03/2045 00:00:00	♁	23°25'02" ♋	14°26'01"	00°45'52"	-00°01'55"	17.560
21/03/2045 00:00:00	♆	12°58'33" ♉	14°05'17"	-01°43'22"	00°01'46"	30.540
21/03/2045 00:00:00	♁	03°00'51" ♈	-20°53'20"	-11°17'12"	00°01'31"	41.162
21/03/2045 00:00:00	♁	01°33'11" ♈	-10°55'14"	00°00'00"	-00°04'56"	0.003
21/03/2045 00:00:00	♆	14°41'29" ♈	01°03'59"	-05°22'26"	-00°04'27"	7.697
21/03/2045 00:00:00	♁	03°19'56" ♈	-21°41'47"	-02°21'12"	00°06'39"	0.003
21/03/2045 00:00:00	♁	01°33'11" ♈	-10°55'14"	00°00'00"	-00°04'56"	0.003
21/03/2045 00:00:00	♁	08°14'55" ♈	-20°11'44"	-02°03'59"	05°08'03"	0.003
21/03/2045 00:00:00	X	29°23'50" ♏	05°06'40"	-06°33'45"	00°00'35"	94.380
21/03/2045 00:00:00	Y	13°45'29" ♏	11°18'08"	-11°13'19"	00°00'19"	79.169
22/03/2045 00:00:00	♁	01°46'30" ♏	00°42'21"	00°00'00"	00°59'35"	0.996
22/03/2045 00:00:00	♁	10°40'39" ♏	19°38'42"	04°52'12"	13°13'16"	0.003
22/03/2045 00:00:00	♁	28°01'44" ♏	02°01'04"	03°03'12"	-00°54'29"	0.604
22/03/2045 00:00:00	♀	02°32'44" ♏	-00°14'50"	-01°22'21"	01°14'41"	1.722
22/03/2045 00:00:00	♂	11°15'45" ♏	03°55'18"	-00°34'45"	00°46'05"	2.384
22/03/2045 00:00:00	♃	29°04'58" ♍	-12°29'40"	-00°45'01"	00°13'10"	5.856

Ephemerides year 2045

22/03/2045 00:00:00	♃	11°46'59" ♏r	-20°18'16"	01°54'33"	-00°00'07"	9.607
22/03/2045 00:00:00	♃	23°23'08" ♏r	14°26'37"	00°45'51"	-00°01'53"	17.571
22/03/2045 00:00:00	♃	13°00'20" ♏	14°05'52"	-01°43'19"	00°01'47"	30.552
22/03/2045 00:00:00	♃	03°02'22" ♏	-20°52'55"	-11°17'23"	00°01'31"	41.155
22/03/2045 00:00:00	♃	01°28'12" ♏r	-10°57'01"	00°00'00"	-00°04'55"	0.003
22/03/2045 00:00:00	♃	14°37'03" ♏r	01°06'05"	-05°21'59"	-00°04'24"	7.701
22/03/2045 00:00:00	♃	03°26'36" ♏	-21°39'27"	-02°20'25"	00°06'39"	0.003
22/03/2045 00:00:00	T♃	01°28'12" ♏r	-10°57'01"	00°00'00"	-00°04'55"	0.003
22/03/2045 00:00:00	T♃	13°48'44" ♏	-18°11'40"	-01°35'01"	05°52'07"	0.003
22/03/2045 00:00:00	X	29°24'26" ♏	05°06'56"	-06°33'40"	00°00'35"	94.388
22/03/2045 00:00:00	Y	13°45'49" ♏	11°18'19"	-11°13'10"	00°00'20"	79.185
23/03/2045 00:00:00	♃	02°46'04" ♏	01°06'02"	00°00'00"	00°59'33"	0.997
23/03/2045 00:00:00	♃	24°00'28" ♏	23°46'09" ♏	05°09'46"	13°26'15"	0.003
23/03/2045 00:00:00	♃	27°08'03" ♏r	01°29'30"	02°52'01"	-00°52'43"	0.603
23/03/2045 00:00:00	♃	03°47'25" ♏	00°15'27"	-01°21'38"	01°14'40"	1.722
23/03/2045 00:00:00	♃	12°01'50" ♏	04°13'51"	-00°34'09"	00°46'03"	2.386
23/03/2045 00:00:00	♃	29°18'07" ♏	-12°25'12"	-00°45'10"	00°13'07"	5.847
23/03/2045 00:00:00	♃	11°46'49" ♏r	-20°18'06"	01°54'41"	-00°00'13"	9.592
23/03/2045 00:00:00	♃	23°21'16" ♏r	14°27'12"	00°45'50"	-00°01'50"	17.581

Ephemerides year 2045

23/03/2045 00:00:00	♁	13°02'09" ♄	14°06'26"	-01°43'17"	00°01'49"	30.563
23/03/2045 00:00:00	♁	03°03'53" ♃	-20°52'32"	-11°17'33"	00°01'30"	41.148
23/03/2045 00:00:00	♁	01°23'33" ♃	-10°58'40"	00°00'00"	-00°04'15"	0.003
23/03/2045 00:00:00	♁	14°32'39" ♃	01°08'11"	-05°21'31"	-00°04'22"	7.705
23/03/2045 00:00:00	♁	03°33'15" ♃	-21°37'07"	-02°19'38"	00°06'39"	0.003
23/03/2045 00:00:00	T♁	01°23'33" ♃	-10°58'40"	00°00'00"	-00°04'15"	0.003
23/03/2045 00:00:00	T♁	19°42'06" ♃	-15°54'35"	-01°03'27"	05°45'24"	0.003
23/03/2045 00:00:00	X	29°25'01" ♃	05°07'12"	-06°33'36"	00°00'35"	94.395
23/03/2045 00:00:00	Y	13°46'10" ♃	11°18'30"	-11°13'02"	00°00'20"	79.201
24/03/2045 00:00:00	♁	03°45'36" ♃	01°29'41"	00°00'00"	00°59'30"	0.997
24/03/2045 00:00:00	♁	07°32'59" ♃	26°40'10" ♁	05°10'31"	13°38'41"	0.003
24/03/2045 00:00:00	♁	26°16'37" ♃	00°57'41"	02°39'35"	-00°49'59"	0.603
24/03/2045 00:00:00	♁	05°02'04" ♃	00°45'46"	-01°20'51"	01°14'39"	1.722
24/03/2045 00:00:00	♁	12°47'52" ♃	04°32'21"	-00°33'33"	00°46'00"	2.388
24/03/2045 00:00:00	♁	29°31'13" ♃	-12°20'45"	-00°45'18"	00°13'03"	5.838
24/03/2045 00:00:00	♁	11°46'32" ♃	-20°17'56"	01°54'49"	-00°00'19"	9.576
24/03/2045 00:00:00	♁	23°19'26" ♃	14°27'47"	00°45'48"	-00°01'48"	17.592
24/03/2045 00:00:00	♁	13°03'58" ♄	14°07'01"	-01°43'15"	00°01'50"	30.575
24/03/2045 00:00:00	♁	03°05'24" ♃	-20°52'08"	-11°17'45"	00°01'29"	41.140

Ephemerides year 2045

24/03/2045 00:00:00	♏	01°19'52" ♃	-10°59'59"	00°00'00"	-00°03'02"	0.003
24/03/2045 00:00:00	♌	14°28'19" ♃	01°10'17"	-05°21'03"	-00°04'19"	7.709
24/03/2045 00:00:00	♋	03°39'55" ♃	-21°34'46"	-02°18'50"	00°06'39"	0.003
24/03/2045 00:00:00	T♏	01°19'52" ♃	-10°59'59"	00°00'00"	-00°03'02"	0.003
24/03/2045 00:00:00	T♋	25°01'24" ♃	-13°43'08"	-00°34'24"	04°44'44"	0.003
24/03/2045 00:00:00	X	29°25'37" ♃	05°07'28"	-06°33'32"	00°00'36"	94.403
24/03/2045 00:00:00	Y	13°46'31" ♃	11°18'41"	-11°12'53"	00°00'21"	79.216
25/03/2045 00:00:00	♉	04°45'06" ♃	01°53'17"	00°00'00"	00°59'28"	0.997
25/03/2045 00:00:00	♊	21°17'40" ♃	28°01'59" ♁	04°53'38"	13°50'35"	0.003
25/03/2045 00:00:00	♎	25°28'22" ♃	00°26'11"	02°26'06"	-00°46'24"	0.605
25/03/2045 00:00:00	♍	06°16'43" ♃	01°16'05"	-01°20'00"	01°14'37"	1.722
25/03/2045 00:00:00	♊	13°33'51" ♃	04°50'46"	-00°32'56"	00°45'58"	2.391
25/03/2045 00:00:00	♉	29°44'15" ♃	-12°16'18"	-00°45'27"	00°13'00"	5.829
25/03/2045 00:00:00	♈	11°46'10" ♃	-20°17'46"	01°54'56"	-00°00'25"	9.561
25/03/2045 00:00:00	♈	23°17'39" ♃	14°28'21"	00°45'47"	-00°01'45"	17.602
25/03/2045 00:00:00	♎	13°05'49" ♃	14°07'37"	-01°43'12"	00°01'51"	30.585
25/03/2045 00:00:00	♌	03°06'53" ♃	-20°51'45"	-11°17'56"	00°01'29"	41.132
25/03/2045 00:00:00	♏	01°17'34" ♃	-11°00'48"	00°00'00"	-00°01'31"	0.003
25/03/2045 00:00:00	♌	14°24'01" ♃	01°12'22"	-05°20'34"	-00°04'16"	7.714

Ephemerides year 2045

25/03/2045 00:00:00	☾	03°46'35" ♊	-21°32'25"	-02°18'03"	00°06'39"	0.003	
25/03/2045 00:00:00	♁	01°17'34" ♉	-11°00'48"		00°00'00"	-00°01'31"	0.003
25/03/2045 00:00:00	♁	28°57'44" ♊	-12°01'56"		-00°12'44"	03°03'01"	0.003
25/03/2045 00:00:00	X	29°26'14" ♉	05°07'45"		-06°33'28"	00°00'36"	94.410
25/03/2045 00:00:00	Y	13°46'53" ♉	11°18'52"		-11°12'44"	00°00'22"	79.232
26/03/2045 00:00:00	☉	05°44'33" ♉	02°16'51"	00°00'00"	00°59'26"		0.997
26/03/2045 00:00:00	☾	05°13'57" ♊	27°39'06" ♋	04°19'22"	14°01'49"		0.002
26/03/2045 00:00:00	♁	24°44'02" ♉	-00°04'31"	02°11'46"	-00°42'08"		0.608
26/03/2045 00:00:00	♀	07°31'20" ♉	01°46'22"	-01°19'06"	01°14'36"		1.722
26/03/2045 00:00:00	♂	14°19'48" ♉	05°09'08"	-00°32'19"	00°45'55"		2.393
26/03/2045 00:00:00	♃	29°57'13" ♊	-12°11'52"	-00°45'36"	00°12'56"		5.820
26/03/2045 00:00:00	♄	11°45'41" ♉	-20°17'34"	01°55'04"	-00°00'31"		9.545
26/03/2045 00:00:00	♅	23°15'55" ♋	14°28'54"	00°45'45"	-00°01'43"		17.614
26/03/2045 00:00:00	♆	13°07'41" ♋	14°08'12"	-01°43'10"	00°01'52"		30.596
26/03/2045 00:00:00	♁	03°08'22" ♉	-20°51'23"	-11°18'07"	00°01'28"		41.124
26/03/2045 00:00:00	♁	01°16'48" ♉	-11°01'04"	00°00'00"	-00°00'02"		0.003
26/03/2045 00:00:00	♂	14°19'47" ♉	01°14'27"	-05°20'04"	-00°04'12"		7.718
26/03/2045 00:00:00	☾	03°53'14" ♊	-21°30'04"	-02°17'15"	00°06'39"		0.003
26/03/2045 00:00:00	♁	01°16'48" ♉	-11°01'04"		00°00'00"	-00°00'02"	0.003

Ephemerides year 2045

26/03/2045 00:00:00	T♄	01°03'06" ♈	-11°07'06"	-00°01'14"	01°08'31"	0.003
26/03/2045 00:00:00	X	29°26'50" ♏	05°08'01"	-06°33'24"	00°00'36"	94.417
26/03/2045 00:00:00	Y	13°47'16" ♀	11°19'03"	-11°12'35"	00°00'23"	79.247
27/03/2045 00:00:00	☉	06°43'58" ♏	02°40'22"	00°00'00"	00°59'23"	0.998
27/03/2045 00:00:00	☾	19°21'00" ♎	25°29'18" ♋	03°29'05"	14°12'04"	0.002
27/03/2045 00:00:00	♁	24°04'15" ♈	-00°33'59"	01°56'48"	-00°37'19"	0.612
27/03/2045 00:00:00	♂	08°45'56" ♏	02°16'38"	-01°18'09"	01°14'35"	1.721
27/03/2045 00:00:00	♂	15°05'42" ♏	05°27'26"	-00°31'43"	00°45'52"	2.395
27/03/2045 00:00:00	♃	00°10'08" ♈	-12°07'27"	-00°45'45"	00°12'52"	5.811
27/03/2045 00:00:00	♅	11°45'07" ♌	-20°17'22"	01°55'12"	-00°00'37"	9.530
27/03/2045 00:00:00	♁	23°14'13" ♋	14°29'26"	00°45'43"	-00°01'40"	17.625
27/03/2045 00:00:00	♃	13°09'35" ♌	14°08'48"	-01°43'08"	00°01'53"	30.607
27/03/2045 00:00:00	♁	03°09'50" ♈	-20°51'01"	-11°18'19"	00°01'27"	41.116
27/03/2045 00:00:00	♁	01°17'21" ♈	-11°00'52"	00°00'00"	00°01'03"	0.003
27/03/2045 00:00:00	♁	14°15'35" ♌	01°16'30"	-05°19'34"	-00°04'09"	7.724
27/03/2045 00:00:00	♁	03°59'54" ♎	-21°27'43"	-02°16'28"	00°06'39"	0.003
27/03/2045 00:00:00	T♁	01°17'21" ♈	-11°00'52"	00°00'00"	00°01'03"	0.003
27/03/2045 00:00:00	T♄	01°22'29" ♈	-10°58'36"	00°00'28"	-00°23'16"	0.003
27/03/2045 00:00:00	X	29°27'27" ♏	05°08'17"	-06°33'20"	00°00'36"	94.424

Ephemerides year 2045

27/03/2045 00:00:00	Y	13°47'39" ♀	11°19'15"	-11°12'27"	00°00'23"	79.262
28/03/2045 00:00:00	☉	07°43'21" ♀	03°03'49"	00°00'00"	00°59'21"	0.998
28/03/2045 00:00:00	☾	03°37'34" ♀	21°41'40"	02°25'22"	14°20'41"	0.002
28/03/2045 00:00:00	♁	23°29'31" ♀	-01°01'51"	01°41'24"	-00°32'04"	0.618
28/03/2045 00:00:00	♂	10°00'31" ♀	02°46'52"	-01°17'07"	01°14'34"	1.721
28/03/2045 00:00:00	♂	15°51'33" ♀	05°45'40"	-00°31'06"	00°45'49"	2.397
28/03/2045 00:00:00	♃	00°22'59" ♀	-12°03'04"	-00°45'53"	00°12'49"	5.801
28/03/2045 00:00:00	♄	11°44'27" ♀	-20°17'09"	01°55'20"	-00°00'43"	9.515
28/03/2045 00:00:00	♅	23°12'33" ♀	14°29'57"	00°45'42"	-00°01'38"	17.636
28/03/2045 00:00:00	♆	13°11'29" ♀	14°09'24"	-01°43'06"	00°01'54"	30.617
28/03/2045 00:00:00	♇	03°11'17" ♀	-20°50'40"	-11°18'31"	00°01'26"	41.107
28/03/2045 00:00:00	♈	01°18'41" ♀	-11°00'24"	00°00'00"	00°01'28"	0.003
28/03/2045 00:00:00	♉	14°11'28" ♀	01°18'34"	-05°19'03"	-00°04'06"	7.729
28/03/2045 00:00:00	♊	04°06'34" ♀	-21°25'21"	-02°15'40"	00°06'39"	0.003
28/03/2045 00:00:00	♋	01°18'41" ♀	-11°00'24"	00°00'00"	00°01'28"	0.003
28/03/2045 00:00:00	♌	00°32'21" ♀	-11°20'46"	-00°04'13"	-01°08'44"	0.003
28/03/2045 00:00:00	X	29°28'04" ♀	05°08'34"	-06°33'17"	00°00'37"	94.430
28/03/2045 00:00:00	Y	13°48'03" ♀	11°19'26"	-11°12'18"	00°00'24"	79.277
29/03/2045 00:00:00	☉	08°42'41" ♀	03°27'13"	00°00'00"	00°59'19"	0.998

Ephemerides year 2045

29/03/2045 00:00:00	♃	18°01'32" ♋	16°34'02"	01°11'58"	14°26'43"	0.002
29/03/2045 00:00:00	♆	23°00'11" ♎	-01°27'49"	01°25'45"	-00°26'32"	0.625
29/03/2045 00:00:00	♀	11°15'04" ♍	03°17'02"	-01°16'03"	01°14'32"	1.721
29/03/2045 00:00:00	♂	16°37'22" ♍	06°03'49"	-00°30'29"	00°45'47"	2.399
29/03/2045 00:00:00	♃	00°35'46" ♋	-11°58'41"	-00°46'03"	00°12'45"	5.792
29/03/2045 00:00:00	♄	11°43'40" ♌	-20°16'55"	01°55'27"	-00°00'49"	9.500
29/03/2045 00:00:00	♅	23°10'56" ♌	14°30'27"	00°45'40"	-00°01'35"	17.648
29/03/2045 00:00:00	♆	13°13'24" ♎	14°10'01"	-01°43'04"	00°01'55"	30.627
29/03/2045 00:00:00	♁	03°12'44" ♋	-20°50'19"	-11°18'44"	00°01'25"	41.099
29/03/2045 00:00:00	♁	01°20'02" ♋	-10°59'55"	00°00'00"	00°01'04"	0.003
29/03/2045 00:00:00	♂	14°07'23" ♌	01°20'36"	-05°18'31"	-00°04'02"	7.735
29/03/2045 00:00:00	♁	04°13'13" ♋	-21°22'59"	-02°14'52"	00°06'39"	0.003
29/03/2045 00:00:00	♁	01°20'02" ♋	-10°59'55"	00°00'00"	00°01'04"	0.003
29/03/2045 00:00:00	♁	29°19'04" ♎	-11°52'52"	-00°11'00"	-01°12'40"	0.003
29/03/2045 00:00:00	X	29°28'41" ♍	05°08'50"	-06°33'13"	00°00'37"	94.436
29/03/2045 00:00:00	Y	13°48'28" ♋	11°19'37"	-11°12'10"	00°00'25"	79.292
30/03/2045 00:00:00	♁	09°41'59" ♍	03°50'32"	00°00'00"	00°59'16"	0.999
30/03/2045 00:00:00	♃	02°29'46" ♌	10°29'09"	-00°06'17"	14°28'59"	0.002
30/03/2045 00:00:00	♆	22°36'29" ♎	-01°51'38"	01°10'01"	-00°20'50"	0.632

Ephemerides year 2045

30/03/2045 00:00:00	♀	12°29'36" ♏	03°47'08"	-01°14'55"	01°14'31"	1.721
30/03/2045 00:00:00	♂	17°23'07" ♏	06°21'53"	-00°29'52"	00°45'44"	2.401
30/03/2045 00:00:00	♃	00°48'29" ♏	-11°54'19"	-00°46'12"	00°12'41"	5.782
30/03/2045 00:00:00	♅	11°42'48" ♏	-20°16'41"	01°55'35"	-00°00'55"	9.485
30/03/2045 00:00:00	♁	23°09'22" ♏	14°30'57"	00°45'39"	-00°01'33"	17.660
30/03/2045 00:00:00	♃	13°15'21" ♏	14°10'38"	-01°43'02"	00°01'56"	30.637
30/03/2045 00:00:00	♁	03°14'09" ♏	-20°49'59"	-11°18'56"	00°01'24"	41.090
30/03/2045 00:00:00	♁	01°20'34" ♏	-10°59'44"	00°00'00"	-00°00'07"	0.003
30/03/2045 00:00:00	♃	14°03'23" ♏	01°22'37"	-05°17'59"	-00°03'58"	7.741
30/03/2045 00:00:00	♁	04°19'53" ♏	-21°20'36"	-02°14'04"	00°06'39"	0.003
30/03/2045 00:00:00	♁	01°20'34" ♏	-10°59'44"	00°00'00"	-00°00'07"	0.003
30/03/2045 00:00:00	♁	28°12'17" ♏	-12°21'48"	-00°17'05"	-01°00'34"	0.003
30/03/2045 00:00:00	X	29°29'19" ♏	05°09'06"	-06°33'09"	00°00'37"	94.442
30/03/2045 00:00:00	Y	13°48'54" ♏	11°19'48"	-11°12'01"	00°00'25"	79.307
31/03/2045 00:00:00	♁	10°41'15" ♏	04°13'47"	00°00'00"	00°59'14"	0.999
31/03/2045 00:00:00	♁	16°57'56" ♏	03°51'23"	-01°24'00"	14°26'28"	0.002
31/03/2045 00:00:00	♁	22°18'33" ♏	-02°13'07"	00°54'21"	-00°15'02"	0.641
31/03/2045 00:00:00	♀	13°44'07" ♏	04°17'09"	-01°13'44"	01°14'30"	1.720
31/03/2045 00:00:00	♂	18°08'50" ♏	06°39'53"	-00°29'15"	00°45'41"	2.404

Ephemerides year 2045

31/03/2045 00:00:00	♈	01°01'09" ♈	-11°49'58"	-00°46'21"	00°12'37"	5.772
31/03/2045 00:00:00	♉	11°41'50" ♉r	-20°16'26"	01°55'42"	-00°01'01"	9.471
31/03/2045 00:00:00	♊	23°07'50" ♊r	14°31'26"	00°45'37"	-00°01'30"	17.672
31/03/2045 00:00:00	♋	13°17'18" ♋	14°11'14"	-01°43'00"	00°01'57"	30.646
31/03/2045 00:00:00	♌	03°15'34" ♌	-20°49'39"	-11°19'09"	00°01'24"	41.081
31/03/2045 00:00:00	♍	01°19'36" ♍r	-11°00'04"	00°00'00"	-00°01'53"	0.003
31/03/2045 00:00:00	♎	13°59'26" ♎r	01°24'38"	-05°17'26"	-00°03'54"	7.747
31/03/2045 00:00:00	♏	04°26'32" ♏	-21°18'14"	-02°13'17"	00°06'39"	0.003
31/03/2045 00:00:00	T♏	01°19'36" ♍r	-11°00'04"	00°00'00"	-00°01'53"	0.003
31/03/2045 00:00:00	T♎	27°14'45" ♎r	-12°46'23"	-00°22'10"	-00°57'26"	0.003
31/03/2045 00:00:00	X	29°29'56" ♏	05°09'23"	-06°33'06"	00°00'37"	94.448
31/03/2045 00:00:00	Y	13°49'20" ♏	11°19'59"	-11°11'53"	00°00'26"	79.322
01/04/2045 00:00:00	♐	11°40'28" ♏	04°36'58"	-00°00'00"	00°59'12"	0.999
01/04/2045 00:00:00	♑	01°20'52" ♑	-02°55'03"	-02°35'44"	14°18'29"	0.002
01/04/2045 00:00:00	♒	22°06'24" ♍r	-02°32'08"	00°38'51"	-00°09'15"	0.651
01/04/2045 00:00:00	♓	14°58'36" ♏	04°47'05"	-01°12'29"	01°14'28"	1.720
01/04/2045 00:00:00	♈	18°54'30" ♏	06°57'48"	-00°28'37"	00°45'38"	2.406
01/04/2045 00:00:00	♉	01°13'44" ♈	-11°45'38"	-00°46'30"	00°12'32"	5.762
01/04/2045 00:00:00	♊	11°40'46" ♉r	-20°16'10"	01°55'49"	-00°01'06"	9.456

Ephemerides year 2045

01/04/2045 00:00:00	♃	23°06'21" ♏	14°31'53"	00°45'35"	-00°01'27"	17.685
01/04/2045 00:00:00	♃	13°19'16" ♏	14°11'52"	-01°42'58"	00°01'58"	30.656
01/04/2045 00:00:00	♃	03°16'57" ♏	-20°49'20"	-11°19'22"	00°01'23"	41.071
01/04/2045 00:00:00	♏	01°16'42" ♏	-11°01'06"	00°00'00"	-00°03'53"	0.003
01/04/2045 00:00:00	♃	13°55'33" ♏	01°26'38"	-05°16'53"	-00°03'50"	7.753
01/04/2045 00:00:00	♃	04°33'12" ♏	-21°15'51"	-02°12'29"	00°06'39"	0.003
01/04/2045 00:00:00	T♏	01°16'42" ♏	-11°01'06"	00°00'00"	-00°03'53"	0.003
01/04/2045 00:00:00	T♃	26°10'12" ♏	-13°13'36"	-00°27'41"	-01°15'29"	0.003
01/04/2045 00:00:00	X	29°30'34" ♏	05°09'39"	-06°33'02"	00°00'37"	94.453
01/04/2045 00:00:00	Y	13°49'47" ♏	11°20'11"	-11°11'45"	00°00'27"	79.337
02/04/2045 00:00:00	♃	12°39'40" ♏	05°00'03"	-00°00'00"	00°59'10"	0.999
02/04/2045 00:00:00	♃	15°33'04" ♏	-09°27'09"	-03°36'45"	14°05'02"	0.002
02/04/2045 00:00:00	♃	22°00'00" ♏	-02°48'38"	00°23'39"	-00°03'32"	0.661
02/04/2045 00:00:00	♃	16°13'05" ♏	05°16'55"	-01°11'11"	01°14'27"	1.719
02/04/2045 00:00:00	♃	19°40'08" ♏	07°15'39"	-00°28'00"	00°45'36"	2.408
02/04/2045 00:00:00	♃	01°26'15" ♏	-11°41'19"	-00°46'40"	00°12'28"	5.751
02/04/2045 00:00:00	♃	11°39'37" ♏	-20°15'54"	01°55'57"	-00°01'12"	9.442
02/04/2045 00:00:00	♃	23°04'54" ♏	14°32'20"	00°45'33"	-00°01'25"	17.697
02/04/2045 00:00:00	♃	13°21'15" ♏	14°12'29"	-01°42'56"	00°01'59"	30.665

Ephemerides year 2045

02/04/2045 00:00:00	♁	03°18'20" ♈	-20°49'01"	-11°19'35"	00°01'22"	41.061
02/04/2045 00:00:00	♁	01°11'52" ♈	-11°02'49"	00°00'00"	-00°05'43"	0.003
02/04/2045 00:00:00	♁	13°51'44" ♈	01°28'37"	-05°16'18"	-00°03'46"	7.760
02/04/2045 00:00:00	♁	04°39'51" ♈	-21°13'27"	-02°11'41"	00°06'39"	0.003
02/04/2045 00:00:00	♁	01°11'52" ♈	-11°02'49"	00°00'00"	-00°05'43"	0.003
02/04/2045 00:00:00	♁	24°37'00" ♈	-13°52'24"	-00°35'34"	-01°53'30"	0.003
02/04/2045 00:00:00	X	29°31'12" ♈	05°09'55"	-06°32'59"	00°00'38"	94.458
02/04/2045 00:00:00	Y	13°50'14" ♈	11°20'22"	-11°11'37"	00°00'27"	79.351
03/04/2045 00:00:00	♁	13°38'49" ♈	05°23'03"	-00°00'00"	00°59'08"	1.000
03/04/2045 00:00:00	♁	29°29'25" ♈	-15°23'43"	-04°23'31"	13°46'58"	0.003
03/04/2045 00:00:00	♁	21°59'16" ♈	-03°02'33"	00°08'49"	00°02'02"	0.672
03/04/2045 00:00:00	♁	17°27'32" ♈	05°46'38"	-01°09'49"	01°14'26"	1.719
03/04/2045 00:00:00	♁	20°25'43" ♈	07°33'24"	-00°27'23"	00°45'33"	2.410
03/04/2045 00:00:00	♁	01°38'41" ♈	-11°37'02"	-00°46'50"	00°12'24"	5.741
03/04/2045 00:00:00	♁	11°38'21" ♈	-20°15'37"	01°56'04"	-00°01'18"	9.428
03/04/2045 00:00:00	♁	23°03'30" ♈	14°32'46"	00°45'32"	-00°01'22"	17.710
03/04/2045 00:00:00	♁	13°23'15" ♈	14°13'06"	-01°42'54"	00°02'00"	30.674
03/04/2045 00:00:00	♁	03°19'42" ♈	-20°48'43"	-11°19'49"	00°01'21"	41.052
03/04/2045 00:00:00	♁	01°05'26" ♈	-11°05'06"	00°00'00"	-00°07'00"	0.003

Ephemerides year 2045

03/04/2045 00:00:00	♄	13°47'59" ♎	01°30'34"	-05°15'44"	-00°03'42"	7.767
03/04/2045 00:00:00	♁	04°46'31" ♋	-21°11'04"	-02°10'53"	00°06'39"	0.003
03/04/2045 00:00:00	♄	01°05'26" ♎	-11°05'06"	00°00'00"	-00°07'00"	0.003
03/04/2045 00:00:00	♁	22°20'26" ♋	-14°48'23"	-00°47'09"	-02°39'31"	0.003
03/04/2045 00:00:00	X	29°31'50" ♎	05°10'12"	-06°32'55"	00°00'38"	94.463
03/04/2045 00:00:00	Y	13°50'42" ♎	11°20'33"	-11°11'28"	00°00'28"	79.365
04/04/2045 00:00:00	♁	14°37'56" ♎	05°45'58"	-00°00'00"	00°59'06"	1.000
04/04/2045 00:00:00	♃	13°05'57" ♎	-20°26'04"	-04°54'02"	13°25'45"	0.003
04/04/2045 00:00:00	♁	22°04'02" ♎	-03°13'53"	-00°05'33"	00°07'28"	0.683
04/04/2045 00:00:00	♁	18°41'58" ♎	06°16'14"	-01°08'25"	01°14'25"	1.718
04/04/2045 00:00:00	♂	21°11'15" ♎	07°51'03"	-00°26'45"	00°45'30"	2.412
04/04/2045 00:00:00	♃	01°51'04" ♎	-11°32'45"	-00°46'59"	00°12'20"	5.730
04/04/2045 00:00:00	♃	11°37'00" ♎	-20°15'19"	01°56'11"	-00°01'23"	9.414
04/04/2045 00:00:00	♁	23°02'09" ♎	14°33'11"	00°45'30"	-00°01'19"	17.723
04/04/2045 00:00:00	♁	13°25'17" ♎	14°13'44"	-01°42'53"	00°02'01"	30.682
04/04/2045 00:00:00	♁	03°21'03" ♎	-20°48'26"	-11°20'02"	00°01'20"	41.041
04/04/2045 00:00:00	♁	00°58'07" ♎	-11°07'42"	00°00'00"	-00°07'29"	0.003
04/04/2045 00:00:00	♄	13°44'19" ♎	01°32'31"	-05°15'08"	-00°03'38"	7.774
04/04/2045 00:00:00	♁	04°53'10" ♋	-21°08'40"	-02°10'05"	00°06'39"	0.003

Ephemerides year 2045

04/04/2045 00:00:00	T♄	00°58'07" ♈	-11°07'42"	00°00'00"	-00°07'29"	0.003
04/04/2045 00:00:00	T♄	19°21'23" ♋	-16°00'02"	-01°02'19"	-03°15'20"	0.003
04/04/2045 00:00:00	X	29°32'29" ♈	05°10'28"	-06°32'52"	00°00'38"	94.467
04/04/2045 00:00:00	Y	13°51'11" ♈	11°20'44"	-11°11'20"	00°00'29"	79.380
05/04/2045 00:00:00	☉	15°37'02" ♈	06°08'47"	-00°00'00"	00°59'04"	1.000
05/04/2045 00:00:00	☾	26°20'29" ♎	-24°18'54" ♏	-05°07'47"	13°03'16"	0.003
05/04/2045 00:00:00	♁	22°14'08" ♈	-03°22'39"	-00°19'25"	00°12'42"	0.695
05/04/2045 00:00:00	♀	19°56'23" ♈	06°45'41"	-01°06'57"	01°14'24"	1.718
05/04/2045 00:00:00	♂	21°56'44" ♈	08°08'38"	-00°26'07"	00°45'28"	2.414
05/04/2045 00:00:00	♃	02°03'22" ♈	-11°28'30"	-00°47'09"	00°12'16"	5.720
05/04/2045 00:00:00	♅	11°35'33" ♈	-20°15'00"	01°56'18"	-00°01'29"	9.400
05/04/2045 00:00:00	♁	23°00'51" ♎	14°33'35"	00°45'28"	-00°01'16"	17.736
05/04/2045 00:00:00	♆	13°27'19" ♏	14°14'22"	-01°42'51"	00°02'02"	30.691
05/04/2045 00:00:00	♁	03°22'23" ♈	-20°48'09"	-11°20'16"	00°01'19"	41.031
05/04/2045 00:00:00	♁	00°50'45" ♈	-11°10'18"	00°00'00"	-00°07'06"	0.003
05/04/2045 00:00:00	♁	13°40'43" ♎	01°34'26"	-05°14'32"	-00°03'33"	7.782
05/04/2045 00:00:00	♁	04°59'50" ♋	-21°06'16"	-02°09'16"	00°06'39"	0.003
05/04/2045 00:00:00	T♄	00°50'45" ♈	-11°10'18"	00°00'00"	-00°07'06"	0.003
05/04/2045 00:00:00	T♄	15°58'33" ♋	-17°18'32"	-01°19'25"	-03°25'15"	0.003

Ephemerides year 2045

05/04/2045 00:00:00	X	29°33'08" ♃	05°10'44"	-06°32'49"	00°00'38"	94.471
05/04/2045 00:00:00	Y	13°51'41" ♀	11°20'55"	-11°11'12"	00°00'29"	79.394
06/04/2045 00:00:00	☉	16°36'06" ♃	06°31'29"	-00°00'00"	00°59'02"	1.001
06/04/2045 00:00:00	☾	09°12'43" ♀	-26°51'25" ♁	-05°05'24"	12°41'27"	0.003
06/04/2045 00:00:00	♁	22°29'22" ♃	-03°28'52"	-00°32'45"	00°17'43"	0.707
06/04/2045 00:00:00	♂	21°10'47" ♃	07°15'00"	-01°05'27"	01°14'23"	1.717
06/04/2045 00:00:00	♂	22°42'11" ♃	08°26'07"	-00°25'29"	00°45'25"	2.416
06/04/2045 00:00:00	♃	02°15'36" ♃	-11°24'16"	-00°47'19"	00°12'11"	5.709
06/04/2045 00:00:00	♄	11°34'01" ♀	-20°14'41"	01°56'25"	-00°01'35"	9.386
06/04/2045 00:00:00	♅	22°59'36" ♁	14°33'58"	00°45'26"	-00°01'13"	17.749
06/04/2045 00:00:00	♆	13°29'22" ♃	14°15'00"	-01°42'49"	00°02'03"	30.699
06/04/2045 00:00:00	♇	03°23'42" ♃	-20°47'52"	-11°20'30"	00°01'18"	41.021
06/04/2045 00:00:00	♈	00°44'11" ♃	-11°12'38"	00°00'00"	-00°05'55"	0.003
06/04/2045 00:00:00	♉	13°37'11" ♃	01°36'20"	-05°13'56"	-00°03'28"	7.790
06/04/2045 00:00:00	♊	05°06'29" ♃	-21°03'51"	-02°08'28"	00°06'39"	0.003
06/04/2045 00:00:00	T♈	00°44'11" ♃	-11°12'38"	00°00'00"	-00°05'55"	0.003
06/04/2045 00:00:00	T♉	12°40'48" ♃	-18°32'03"	-01°35'56"	-03°05'52"	0.003
06/04/2045 00:00:00	X	29°33'46" ♃	05°11'01"	-06°32'46"	00°00'38"	94.475
06/04/2045 00:00:00	Y	13°52'11" ♀	11°21'06"	-11°11'05"	00°00'30"	79.408

Ephemerides year 2045

07/04/2045 00:00:00	♁	17°35'08" ♀	06°54'05"	-00°00'00"	00°59'01"	1.001
07/04/2045 00:00:00	♃	21°44'11" ♂	-27°58'24"	♁-04°48'17"	12°22'01"	0.003
07/04/2045 00:00:00	♃	22°49'32" ♀	-03°32'37"	-00°45'29"	00°22'32"	0.720
07/04/2045 00:00:00	♃	22°25'10" ♀	07°44'09"	-01°03'53"	01°14'22"	1.716
07/04/2045 00:00:00	♂	23°27'35" ♀	08°43'30"	-00°24'52"	00°45'22"	2.418
07/04/2045 00:00:00	♃	02°27'45" ♀	-11°20'03"	-00°47'29"	00°12'07"	5.698
07/04/2045 00:00:00	♃	11°32'23" ♂	-20°14'21"	01°56'32"	-00°01'40"	9.372
07/04/2045 00:00:00	♃	22°58'24" ♂	14°34'19"	00°45'24"	-00°01'10"	17.763
07/04/2045 00:00:00	♃	13°31'26" ♂	14°15'39"	-01°42'48"	00°02'04"	30.707
07/04/2045 00:00:00	♃	03°25'00" ♀	-20°47'36"	-11°20'45"	00°01'17"	41.010
07/04/2045 00:00:00	♃	00°39'05" ♀	-11°14'26"	00°00'00"	-00°04'11"	0.003
07/04/2045 00:00:00	♃	13°33'45" ♂	01°38'13"	-05°13'19"	-00°03'24"	7.798
07/04/2045 00:00:00	♃	05°13'09" ♀	-21°01'26"	-02°07'40"	00°06'39"	0.003
07/04/2045 00:00:00	♃	00°39'05" ♀	-11°14'26"	00°00'00"	-00°04'11"	0.003
07/04/2045 00:00:00	♃	09°53'12" ♀	-19°31'50"	-01°49'45"	-02°27'28"	0.003
07/04/2045 00:00:00	X	29°34'25" ♀	05°11'17"	-06°32'43"	00°00'39"	94.479
07/04/2045 00:00:00	Y	13°52'42" ♀	11°21'18"	-11°10'57"	00°00'31"	79.421
08/04/2045 00:00:00	♁	18°34'08" ♀	07°16'34"	-00°00'00"	00°58'59"	1.001
08/04/2045 00:00:00	♃	03°57'59" ♂	-27°40'44"	♁-04°18'17"	12°06'18"	0.003

Ephemerides year 2045

08/04/2045 00:00:00	♀	23°14'23" ♋	-03°33'56"	-00°57'37"	00°27'07"	0.733
08/04/2045 00:00:00	♀	23°39'32" ♏	08°13'08"	-01°02'16"	01°14'21"	1.716
08/04/2045 00:00:00	♂	24°12'57" ♏	09°00'47"	-00°24'14"	00°45'20"	2.420
08/04/2045 00:00:00	♃	02°39'50" ♋	-11°15'52"	-00°47'39"	00°12'02"	5.686
08/04/2045 00:00:00	♅	11°30'40" ♌	-20°14'00"	01°56'38"	-00°01'46"	9.359
08/04/2045 00:00:00	♁	22°57'14" ♋	14°34'40"	00°45'22"	-00°01'08"	17.776
08/04/2045 00:00:00	♃	13°33'30" ♏	14°16'17"	-01°42'46"	00°02'05"	30.714
08/04/2045 00:00:00	♁	03°26'17" ♋	-20°47'21"	-11°20'59"	00°01'16"	40.999
08/04/2045 00:00:00	♁	00°35'52" ♋	-11°15'34"	00°00'00"	-00°02'15"	0.003
08/04/2045 00:00:00	♃	13°30'23" ♏	01°40'04"	-05°12'41"	-00°03'19"	7.806
08/04/2045 00:00:00	♁	05°19'48" ♋	-20°59'01"	-02°06'51"	00°06'39"	0.003
08/04/2045 00:00:00	T♁	00°35'52" ♋	-11°15'34"	00°00'00"	-00°02'15"	0.003
08/04/2045 00:00:00	T♁	07°46'49" ♋	-20°15'18"	-02°00'06"	-01°46'00"	0.003
08/04/2045 00:00:00	X	29°35'05" ♏	05°11'33"	-06°32'40"	00°00'39"	94.482
08/04/2045 00:00:00	Y	13°53'14" ♏	11°21'29"	-11°10'49"	00°00'31"	79.435
09/04/2045 00:00:00	☉	19°33'07" ♏	07°38'55"	-00°00'00"	00°58'57"	1.001
09/04/2045 00:00:00	☾	15°58'20" ♏	-26°04'35"	-03°37'21"	11°55'12"	0.003
09/04/2045 00:00:00	♀	23°43'43" ♋	-03°32'53"	-01°09'08"	00°31'29"	0.747
09/04/2045 00:00:00	♀	24°53'53" ♏	08°41'55"	-01°00'36"	01°14'20"	1.715

Ephemerides year 2045

09/04/2045 00:00:00	♂	24°58'15" ♏	09°17'58"	-00°23'36"	00°45'17"	2.422
09/04/2045 00:00:00	♃	02°51'50" ♏	-11°11'42"	-00°47'49"	00°11'57"	5.675
09/04/2045 00:00:00	♅	11°28'51" ♏	-20°13'39"	01°56'45"	-00°01'51"	9.346
09/04/2045 00:00:00	♁	22°56'08" ♏	14°35'00"	00°45'20"	-00°01'05"	17.790
09/04/2045 00:00:00	♆	13°35'36" ♏	14°16'56"	-01°42'45"	00°02'05"	30.722
09/04/2045 00:00:00	♁	03°27'34" ♏	-20°47'06"	-11°21'14"	00°01'15"	40.988
09/04/2045 00:00:00	♁	00°34'31" ♏	-11°16'03"	00°00'00"	-00°00'29"	0.003
09/04/2045 00:00:00	♃	13°27'06" ♏	01°41'54"	-05°12'03"	-00°03'14"	7.814
09/04/2045 00:00:00	♁	05°26'28" ♏	-20°56'36"	-02°06'03"	00°06'39"	0.003
09/04/2045 00:00:00	♁	00°34'31" ♏	-11°16'03"	00°00'00"	-00°00'29"	0.003
09/04/2045 00:00:00	♁	06°17'49" ♏	-20°45'05"	-02°07'23"	-01°14'27"	0.003
09/04/2045 00:00:00	X	29°35'44" ♏	05°11'50"	-06°32'37"	00°00'39"	94.485
09/04/2045 00:00:00	Y	13°53'46" ♏	11°21'40"	-11°10'41"	00°00'32"	79.449
10/04/2045 00:00:00	♁	20°32'03" ♏	08°01'09"	-00°00'00"	00°58'55"	1.002
10/04/2045 00:00:00	♁	27°50'08" ♏	-23°19'34"	-02°47'29"	11°49'16"	0.003
10/04/2045 00:00:00	♁	24°17'18" ♏	-03°29'34"	-01°20'00"	00°35'38"	0.760
10/04/2045 00:00:00	♀	26°08'13" ♏	09°10'31"	-00°58'54"	01°14'19"	1.714
10/04/2045 00:00:00	♂	25°43'31" ♏	09°35'04"	-00°22'57"	00°45'14"	2.424
10/04/2045 00:00:00	♃	03°03'45" ♏	-11°07'33"	-00°48'00"	00°11'52"	5.663

Ephemerides year 2045

10/04/2045 00:00:00	♃	11°26'57" ♏r	-20°13'18"	01°56'51"	-00°01'57"	9.333
10/04/2045 00:00:00	♃	22°55'04" ♏r	14°35'20"	00°45'18"	-00°01'02"	17.804
10/04/2045 00:00:00	♃	13°37'42" ♏	14°17'35"	-01°42'43"	00°02'06"	30.729
10/04/2045 00:00:00	♃	03°28'49" ♏	-20°46'52"	-11°21'29"	00°01'14"	40.977
10/04/2045 00:00:00	♃	00°34'42" ♏	-11°15'59"	00°00'00"	00°00'46"	0.003
10/04/2045 00:00:00	♃	13°23'54" ♏r	01°43'43"	-05°11'25"	-00°03'09"	7.823
10/04/2045 00:00:00	♃	05°33'07" ♏	-20°54'10"	-02°05'15"	00°06'39"	0.003
10/04/2045 00:00:00	♃	00°34'42" ♏	-11°15'59"	00°00'00"	00°00'46"	0.003
10/04/2045 00:00:00	♃	05°12'10" ♏	-21°06'36"	-02°12'45"	-00°59'58"	0.003
10/04/2045 00:00:00	X	29°36'23" ♏	05°12'06"	-06°32'34"	00°00'39"	94.488
10/04/2045 00:00:00	Y	13°54'19" ♏	11°21'51"	-11°10'34"	00°00'33"	79.462
11/04/2045 00:00:00	♃	21°30'58" ♏	08°23'15"	00°00'00"	00°58'53"	1.002
11/04/2045 00:00:00	♃	09°38'38" ♏	-19°36'41"	-01°50'43"	11°48'37"	0.003
11/04/2045 00:00:00	♃	24°54'55" ♏	-03°24'02"	-01°30'14"	00°39'34"	0.774
11/04/2045 00:00:00	♃	27°22'32" ♏	09°38'54"	-00°57'09"	01°14'18"	1.713
11/04/2045 00:00:00	♃	26°28'45" ♏	09°52'02"	-00°22'19"	00°45'11"	2.426
11/04/2045 00:00:00	♃	03°15'35" ♏	-11°03'26"	-00°48'10"	00°11'47"	5.652
11/04/2045 00:00:00	♃	11°24'57" ♏r	-20°12'55"	01°56'58"	-00°02'02"	9.320
11/04/2045 00:00:00	♃	22°54'03" ♏r	14°35'38"	00°45'17"	-00°00'59"	17.818

Ephemerides year 2045

11/04/2045 00:00:00	♁	13°39'49"	♄	14°18'14"	-01°42'42"	00°02'07"	30.736
11/04/2045 00:00:00	♁	03°30'03"	♄	-20°46'38"	-11°21'44"	00°01'13"	40.965
11/04/2045 00:00:00	♁	00°35'48"	♄	-11°15'36"	00°00'00"	00°01'16"	0.003
11/04/2045 00:00:00	♁	13°20'47"	♄	01°45'30"	-05°10'46"	-00°03'04"	7.832
11/04/2045 00:00:00	♁	05°39'47"	♄	-20°51'44"	-02°04'26"	00°06'39"	0.003
11/04/2045 00:00:00	T♁	00°35'48"	♄	-11°15'36"	00°00'00"	00°01'16"	0.003
11/04/2045 00:00:00	T♁	04°11'31"	♄	-21°26'05"	-02°17'39"	-01°04'22"	0.003
11/04/2045 00:00:00	X	29°37'03"	♄	05°12'22"	-06°32'31"	00°00'39"	94.491
11/04/2045 00:00:00	Y	13°54'52"	♄	11°22'02"	-11°10'26"	00°00'33"	79.475
12/04/2045 00:00:00	♁	22°29'51"	♄	08°45'13"	00°00'00"	00°58'52"	1.002
12/04/2045 00:00:00	♁	21°29'05"	♄	-15°06'50"	-00°49'05"	11°53'06"	0.003
12/04/2045 00:00:00	♁	25°36'24"	♄	-03°16'23"	-01°39'50"	00°43'19"	0.788
12/04/2045 00:00:00	♁	28°36'50"	♄	10°07'04"	-00°55'21"	01°14'17"	1.712
12/04/2045 00:00:00	♁	27°13'55"	♄	10°08'55"	-00°21'41"	00°45'08"	2.428
12/04/2045 00:00:00	♁	03°27'21"	♄	-10°59'20"	-00°48'21"	00°11'42"	5.640
12/04/2045 00:00:00	♁	11°22'52"	♄	-20°12'32"	01°57'04"	-00°02'07"	9.307
12/04/2045 00:00:00	♁	22°53'05"	♄	14°35'55"	00°45'15"	-00°00'56"	17.833
12/04/2045 00:00:00	♁	13°41'57"	♄	14°18'53"	-01°42'40"	00°02'07"	30.742
12/04/2045 00:00:00	♁	03°31'16"	♄	-20°46'25"	-11°22'00"	00°01'12"	40.953

Ephemerides year 2045

12/04/2045 00:00:00	♏	00°36'57" ♀	-11°15'11"	00°00'00"	00°00'53"	0.003
12/04/2045 00:00:00	♋	13°17'45" ♀	01°47'15"	-05°10'06"	-00°02'59"	7.841
12/04/2045 00:00:00	♌	05°46'26" ♀	-20°49'18"	-02°03'37"	00°06'39"	0.003
12/04/2045 00:00:00	♏	00°36'57" ♀	-11°15'11"	00°00'00"	00°00'53"	0.003
12/04/2045 00:00:00	♌	02°58'01" ♀	-21°49'06"	-02°23'27"	-01°24'47"	0.003
12/04/2045 00:00:00	X	29°37'42" ♀	05°12'38"	-06°32'28"	00°00'39"	94.493
12/04/2045 00:00:00	Y	13°55'27" ♀	11°22'13"	-11°10'19"	00°00'34"	79.488
13/04/2045 00:00:00	♉	23°28'43" ♀	09°07'02"	00°00'00"	00°58'50"	1.003
13/04/2045 00:00:00	♊	03°26'26" ♀	-10°00'26"	00°15'11"	12°02'17"	0.003
13/04/2045 00:00:00	♌	26°21'30" ♀	-03°06'40"	-01°48'46"	00°46'52"	0.803
13/04/2045 00:00:00	♍	29°51'06" ♀	10°34'59"	-00°53'30"	01°14'16"	1.711
13/04/2045 00:00:00	♎	27°59'03" ♀	10°25'40"	-00°21'02"	00°45'06"	2.430
13/04/2045 00:00:00	♏	03°39'01" ♀	-10°55'16"	-00°48'31"	00°11'37"	5.628
13/04/2045 00:00:00	♐	11°20'41" ♀	-20°12'08"	01°57'10"	-00°02'13"	9.295
13/04/2045 00:00:00	♑	22°52'11" ♀	14°36'11"	00°45'13"	-00°00'53"	17.847
13/04/2045 00:00:00	♒	13°44'05" ♀	14°19'32"	-01°42'39"	00°02'08"	30.748
13/04/2045 00:00:00	♓	03°32'27" ♀	-20°46'13"	-11°22'15"	00°01'11"	40.941
13/04/2045 00:00:00	♏	00°37'17" ♀	-11°15'04"	00°00'00"	-00°00'21"	0.003
13/04/2045 00:00:00	♋	13°14'49" ♀	01°48'59"	-05°09'26"	-00°02'53"	7.851

Ephemerides year 2045

13/04/2045 00:00:00	☾	05°53'05" ♊	-20°46'51"	-02°02'49"	00°06'39"	0.003
13/04/2045 00:00:00	♄	00°37'17" ♉	-11°15'04"	00°00'00"	-00°00'21"	0.003
13/04/2045 00:00:00	♃	01°19'15" ♊	-22°18'58"	-02°31'00"	-01°53'04"	0.003
13/04/2045 00:00:00	X	29°38'22" ♀	05°12'55"	-06°32'26"	00°00'39"	94.495
13/04/2045 00:00:00	Y	13°56'01" ♀	11°22'24"	-11°10'12"	00°00'34"	79.501
14/04/2045 00:00:00	☉	24°27'32" ♀	09°28'42"	00°00'00"	00°58'48"	1.003
14/04/2045 00:00:00	☾	15°35'00" ♉	-04°27'32"	01°19'37"	12°15'26"	0.003
14/04/2045 00:00:00	♁	27°10'05" ♉	-02°54'58"	-01°57'04"	00°50'15"	0.817
14/04/2045 00:00:00	♀	01°05'22" ♉	11°02'40"	-00°51'37"	01°14'14"	1.710
14/04/2045 00:00:00	♂	28°44'07" ♀	10°42'19"	-00°20'24"	00°45'03"	2.431
14/04/2045 00:00:00	♃	03°50'35" ♉	-10°51'14"	-00°48'42"	00°11'32"	5.616
14/04/2045 00:00:00	♅	11°18'25" ♉	-20°11'44"	01°57'16"	-00°02'18"	9.282
14/04/2045 00:00:00	♁	22°51'19" ♉	14°36'26"	00°45'11"	-00°00'50"	17.862
14/04/2045 00:00:00	♁	13°46'14" ♉	14°20'12"	-01°42'38"	00°02'09"	30.755
14/04/2045 00:00:00	♁	03°33'38" ♉	-20°46'01"	-11°22'31"	00°01'10"	40.929
14/04/2045 00:00:00	♁	00°35'59" ♉	-11°15'31"	00°00'00"	-00°02'18"	0.003
14/04/2045 00:00:00	♁	13°11'58" ♉	01°50'42"	-05°08'46"	-00°02'48"	7.861
14/04/2045 00:00:00	☾	05°59'45" ♊	-20°44'24"	-02°02'00"	00°06'39"	0.003
14/04/2045 00:00:00	♄	00°35'59" ♉	-11°15'31"	00°00'00"	-00°02'18"	0.003

Ephemerides year 2045

14/04/2045 00:00:00	T♄	29°13'50" ♎	-22°55'11"	-02°40'13"	-02°15'21"	0.003
14/04/2045 00:00:00	X	29°39'01" ♏	05°13'11"	-06°32'23"	00°00'39"	94.496
14/04/2045 00:00:00	Y	13°56'36" ♏	11°22'35"	-11°10'04"	00°00'35"	79.513
15/04/2045 00:00:00	☉	25°26'20" ♏	09°50'12"	00°00'00"	00°58'46"	1.003
15/04/2045 00:00:00	☾	27°58'18" ♏	01°21'24"	02°21'26"	12°31'32"	0.003
15/04/2045 00:00:00	♀	28°01'57" ♏	-02°41'22"	-02°04'43"	00°53'27"	0.832
15/04/2045 00:00:00	♀	02°19'36" ♏	11°30'05"	-00°49'42"	01°14'13"	1.709
15/04/2045 00:00:00	♂	29°29'09" ♏	10°58'51"	-00°19'46"	00°45'00"	2.433
15/04/2045 00:00:00	♃	04°02'05" ♏	-10°47'13"	-00°48'53"	00°11'26"	5.604
15/04/2045 00:00:00	♅	11°16'04" ♏	-20°11'19"	01°57'22"	-00°02'23"	9.270
15/04/2045 00:00:00	♁	22°50'30" ♏	14°36'40"	00°45'08"	-00°00'47"	17.877
15/04/2045 00:00:00	♃	13°48'23" ♏	14°20'51"	-01°42'37"	00°02'09"	30.760
15/04/2045 00:00:00	♁	03°34'48" ♏	-20°45'50"	-11°22'47"	00°01'08"	40.917
15/04/2045 00:00:00	♁	00°32'32" ♏	-11°16'45"	00°00'00"	-00°04'38"	0.003
15/04/2045 00:00:00	♁	13°09'12" ♏	01°52'22"	-05°08'05"	-00°02'42"	7.871
15/04/2045 00:00:00	♁	06°06'24" ♏	-20°41'57"	-02°01'11"	00°06'39"	0.003
15/04/2045 00:00:00	T♁	00°32'32" ♏	-11°16'45"	00°00'00"	-00°04'38"	0.003
15/04/2045 00:00:00	T♄	26°56'07" ♏	-23°32'42" ○	-02°49'54"	-02°15'05"	0.003
15/04/2045 00:00:00	X	29°39'41" ♏	05°13'27"	-06°32'21"	00°00'39"	94.498

Ephemerides year 2045

15/04/2045 00:00:00	Y	13°57'12" ♀	11°22'46"	-11°09'57"	00°00'36"	79.526
16/04/2045 00:00:00	☉	26°25'05" ♀	10°11'33"	00°00'00"	00°58'44"	1.003
16/04/2045 00:00:00	☾	10°38'38" ♀	07°14'27"	03°17'34"	12°49'18"	0.003
16/04/2045 00:00:00	♋	28°56'58" ♀	-02°25'55"	-02°11'43"	00°56'31"	0.846
16/04/2045 00:00:00	♌	03°33'50" ♂	11°57'13"	-00°47'44"	01°14'12"	1.708
16/04/2045 00:00:00	♍	00°14'08" ♂	11°15'16"	-00°19'07"	00°44'57"	2.435
16/04/2045 00:00:00	♎	04°13'29" ♀	-10°43'14"	-00°49'04"	00°11'21"	5.591
16/04/2045 00:00:00	♏	11°13'38" ♂	-20°10'54"	01°57'27"	-00°02'28"	9.258
16/04/2045 00:00:00	♐	22°49'45" ♂	14°36'53"	00°45'06"	-00°00'44"	17.891
16/04/2045 00:00:00	♑	13°50'33" ♂	14°21'31"	-01°42'35"	00°02'10"	30.766
16/04/2045 00:00:00	♒	03°35'56" ♀	-20°45'39"	-11°23'03"	00°01'07"	40.905
16/04/2045 00:00:00	♓	00°26'42" ♀	-11°18'48"	00°00'00"	-00°06'58"	0.003
16/04/2045 00:00:00	♈	13°06'32" ♂	01°54'01"	-05°07'24"	-00°02'37"	7.881
16/04/2045 00:00:00	♉	06°13'03" ♀	-20°39'30"	-02°00'22"	00°06'39"	0.003
16/04/2045 00:00:00	T♊	00°26'42" ♀	-11°18'48"	00°00'00"	-00°06'58"	0.003
16/04/2045 00:00:00	T♋	24°54'56" ♂	-24°03'34" ○	-02°57'55"	-01°41'29"	0.003
16/04/2045 00:00:00	X	29°40'21" ♀	05°13'43"	-06°32'18"	00°00'39"	94.499
16/04/2045 00:00:00	Y	13°57'48" ♀	11°22'57"	-11°09'50"	00°00'36"	79.538
17/04/2045 00:00:00	☉	27°23'49" ♀	10°32'43"	00°00'00"	00°58'42"	1.004

Ephemerides year 2045

17/04/2045 00:00:00	♃	23°36'59" ♃	12°57'20"	04°04'46"	13°07'19"	0.003
17/04/2045 00:00:00	♆	29°54'57" ♃	-02°08'43"	-02°18'06"	00°59'26"	0.861
17/04/2045 00:00:00	♀	04°48'02" ♃	12°24'05"	-00°45'44"	01°14'11"	1.707
17/04/2045 00:00:00	♂	00°59'04" ♃	11°31'33"	-00°18'29"	00°44'54"	2.437
17/04/2045 00:00:00	♃	04°24'48" ♃	-10°39'17"	-00°49'15"	00°11'15"	5.579
17/04/2045 00:00:00	♄	11°11'07" ♃	-20°10'28"	01°57'33"	-00°02'33"	9.247
17/04/2045 00:00:00	♃	22°49'02" ♃	14°37'05"	00°45'04"	-00°00'40"	17.906
17/04/2045 00:00:00	♃	13°52'44" ♃	14°22'10"	-01°42'34"	00°02'10"	30.771
17/04/2045 00:00:00	♃	03°37'03" ♃	-20°45'29"	-11°23'19"	00°01'06"	40.892
17/04/2045 00:00:00	♃	00°18'43" ♃	-11°21'37"	00°00'00"	-00°08'53"	0.003
17/04/2045 00:00:00	♃	13°03'58" ♃	01°55'38"	-05°06'42"	-00°02'31"	7.891
17/04/2045 00:00:00	♃	06°19'42" ♃	-20°37'02"	-01°59'33"	00°06'39"	0.003
17/04/2045 00:00:00	♃	00°18'43" ♃	-11°21'37"	00°00'00"	-00°08'53"	0.003
17/04/2045 00:00:00	♃	23°43'34" ♃	-24°20'27" ♃	-03°02'05"	-00°37'03"	0.003
17/04/2045 00:00:00	X	29°41'01" ♃	05°13'59"	-06°32'16"	00°00'39"	94.500
17/04/2045 00:00:00	Y	13°58'25" ♃	11°23'08"	-11°09'43"	00°00'37"	79.550
18/04/2045 00:00:00	♃	28°22'31" ♃	10°53'43"	00°00'00"	00°58'41"	1.004
18/04/2045 00:00:00	♃	06°52'54" ♃	18°12'38"	04°39'50"	13°24'12"	0.003
18/04/2045 00:00:00	♆	00°55'47" ♃	-01°49'48"	-02°23'52"	01°02'13"	0.876

Ephemerides year 2045

18/04/2045 00:00:00	♀	06°02'13" ♉	12°50'39"	-00°43'41"	01°14'10"	1.705
18/04/2045 00:00:00	♂	01°43'57" ♉	11°47'43"	-00°17'50"	00°44'51"	2.439
18/04/2045 00:00:00	♃	04°36'01" ♉	-10°35'22"	-00°49'26"	00°11'10"	5.566
18/04/2045 00:00:00	♅	11°08'31" ♉	-20°10'01"	01°57'38"	-00°02'38"	9.235
18/04/2045 00:00:00	♁	22°48'23" ♉	14°37'16"	00°45'02"	-00°00'37"	17.922
18/04/2045 00:00:00	♃	13°54'55" ♉	14°22'50"	-01°42'33"	00°02'11"	30.776
18/04/2045 00:00:00	♁	03°38'09" ♉	-20°45'20"	-11°23'36"	00°01'05"	40.879
18/04/2045 00:00:00	♁	00°09'11" ♉	-11°24'59"	00°00'00"	-00°10'00"	0.003
18/04/2045 00:00:00	♃	13°01'30" ♉	01°57'13"	-05°06'00"	-00°02'25"	7.902
18/04/2045 00:00:00	♁	06°26'22" ♉	-20°34'34"	-01°58'44"	00°06'39"	0.003
18/04/2045 00:00:00	♁	00°09'11" ♉	-11°24'59"	00°00'00"	-00°10'00"	0.003
18/04/2045 00:00:00	♁	23°46'16" ♉	-24°18'50"	-03°00'55"	00°43'39"	0.003
18/04/2045 00:00:00	X	29°41'40" ♉	05°14'14"	-06°32'13"	00°00'39"	94.500
18/04/2045 00:00:00	Y	13°59'03" ♉	11°23'19"	-11°09'37"	00°00'37"	79.562
19/04/2045 00:00:00	♁	29°21'11" ♉	11°14'33"	00°00'00"	00°58'39"	1.004
19/04/2045 00:00:00	♁	20°24'37" ♉	22°39'43"	05°00'00"	13°38'45"	0.003
19/04/2045 00:00:00	♁	01°59'21" ♉	-01°29'15"	-02°29'00"	01°04'53"	0.891
19/04/2045 00:00:00	♀	07°16'22" ♉	13°16'54"	-00°41'36"	01°14'09"	1.704
19/04/2045 00:00:00	♂	02°28'48" ♉	12°03'46"	-00°17'11"	00°44'48"	2.440

Ephemerides year 2045

19/04/2045 00:00:00	♃	04°47'08" ♈	-10°31'28"	-00°49'37"	00°11'04"	5.553
19/04/2045 00:00:00	♅	11°05'50" ♉	-20°09'34"	01°57'43"	-00°02'43"	9.224
19/04/2045 00:00:00	♆	22°47'47" ♊	14°37'25"	00°45'00"	-00°00'34"	17.937
19/04/2045 00:00:00	♇	13°57'07" ♋	14°23'30"	-01°42'32"	00°02'11"	30.781
19/04/2045 00:00:00	♄	03°39'14" ♌	-20°45'11"	-11°23'52"	00°01'04"	40.866
19/04/2045 00:00:00	♁	29°59'03" ♍	-11°28'32"	00°00'00"	-00°10'03"	0.003
19/04/2045 00:00:00	♂	12°59'07" ♎	01°58'46"	-05°05'17"	-00°02'19"	7.912
19/04/2045 00:00:00	♁	06°33'01" ♏	-20°32'06"	-01°57'55"	00°06'39"	0.003
19/04/2045 00:00:00	♁	29°59'03" ♏	-11°28'32"	00°00'00"	-00°10'03"	0.003
19/04/2045 00:00:00	♁	25°10'15" ♏	-23°56'53" ♏	-02°53'59"	02°02'35"	0.003
19/04/2045 00:00:00	X	29°42'20" ♏	05°14'30"	-06°32'11"	00°00'39"	94.500
19/04/2045 00:00:00	Y	13°59'41" ♏	11°23'30"	-11°09'30"	00°00'38"	79.573
20/04/2045 00:00:00	♁	00°19'50" ♏	11°35'11"	00°00'00"	00°58'37"	1.005
20/04/2045 00:00:00	♁	04°09'23" ♏	25°56'17" ♏	05°03'19"	13°50'13"	0.003
20/04/2045 00:00:00	♁	03°05'32" ♏	-01°07'08"	-02°33'31"	01°07'26"	0.906
20/04/2045 00:00:00	♁	08°30'31" ♏	13°42'49"	-00°39'30"	01°14'07"	1.703
20/04/2045 00:00:00	♁	03°13'35" ♏	12°19'41"	-00°16'33"	00°44'45"	2.442
20/04/2045 00:00:00	♃	04°58'10" ♈	-10°27'37"	-00°49'49"	00°10'58"	5.541
20/04/2045 00:00:00	♅	11°03'05" ♉	-20°09'06"	01°57'48"	-00°02'47"	9.213

Ephemerides year 2045

20/04/2045 00:00:00	♃	22°47'14" ♈	14°37'34"	00°44'58"	-00°00'31"	17.952
20/04/2045 00:00:00	♃	13°59'19" ♈	14°24'10"	-01°42'31"	00°02'12"	30.785
20/04/2045 00:00:00	♃	03°40'18" ♈	-20°45'03"	-11°24'09"	00°01'03"	40.853
20/04/2045 00:00:00	♃	29°49'25" ♈	-11°31'55"	00°00'00"	-00°09'01"	0.003
20/04/2045 00:00:00	♃	12°56'51" ♈	02°00'18"	-05°04'34"	-00°02'13"	7.923
20/04/2045 00:00:00	♃	06°39'41" ♈	-20°29'37"	-01°57'06"	00°06'39"	0.003
20/04/2045 00:00:00	♃	29°49'25" ♈	-11°31'55"	00°00'00"	-00°09'01"	0.003
20/04/2045 00:00:00	♃	27°45'44" ♈	-23°14'51"	-02°41'46"	03°04'30"	0.003
20/04/2045 00:00:00	X	29°43'00" ♈	05°14'46"	-06°32'09"	00°00'40"	94.500
20/04/2045 00:00:00	Y	14°00'20" ♈	11°23'40"	-11°09'23"	00°00'39"	79.585
21/04/2045 00:00:00	♃	01°18'26" ♈	11°55'37"	00°00'00"	00°58'35"	1.005
21/04/2045 00:00:00	♃	18°03'58" ♈	27°41'40" ♁	04°48'53"	13°58'22"	0.002
21/04/2045 00:00:00	♃	04°14'13" ♈	-00°43'29"	-02°37'26"	01°09'54"	0.921
21/04/2045 00:00:00	♃	09°44'38" ♈	14°08'25"	-00°37'21"	01°14'06"	1.701
21/04/2045 00:00:00	♃	03°58'19" ♈	12°35'28"	-00°15'54"	00°44'42"	2.444
21/04/2045 00:00:00	♃	05°09'06" ♈	-10°23'47"	-00°50'00"	00°10'52"	5.528
21/04/2045 00:00:00	♃	11°00'15" ♈	-20°08'38"	01°57'53"	-00°02'52"	9.202
21/04/2045 00:00:00	♃	22°46'44" ♈	14°37'42"	00°44'56"	-00°00'27"	17.968
21/04/2045 00:00:00	♃	14°01'32" ♈	14°24'50"	-01°42'31"	00°02'12"	30.789

Ephemerides year 2045

21/04/2045 00:00:00	♁	03°41'20"	♈	-20°44'55"	-11°24'26"	00°01'02"	40.840
21/04/2045 00:00:00	♁	29°41'19"	♏	-11°34'46"	00°00'00"	-00°07'04"	0.003
21/04/2045 00:00:00	♁	12°54'41"	♏	02°01'47"	-05°03'51"	-00°02'07"	7.935
21/04/2045 00:00:00	♁	06°46'20"	♏	-20°27'08"	-01°56'17"	00°06'39"	0.003
21/04/2045 00:00:00	♁	29°41'19"	♏	-11°34'46"	00°00'00"	-00°07'04"	0.003
21/04/2045 00:00:00	♁	01°09'56"	♏	-22°15'47"	-02°25'36"	03°38'34"	0.003
21/04/2045 00:00:00	X	29°43'40"	♏	05°15'02"	-06°32'07"	00°00'40"	94.500
21/04/2045 00:00:00	Y	14°00'59"	♏	11°23'51"	-11°09'17"	00°00'39"	79.596
22/04/2045 00:00:00	♁	02°17'00"	♏	12°15'52"	00°00'00"	00°58'32"	1.005
22/04/2045 00:00:00	♁	02°05'09"	♏	27°42'11"	04°17'04"	14°03'32"	0.002
22/04/2045 00:00:00	♁	05°25'19"	♏	-00°18'22"	-02°40'44"	01°12'16"	0.936
22/04/2045 00:00:00	♁	10°58'44"	♏	14°33'40"	-00°35'11"	01°14'05"	1.700
22/04/2045 00:00:00	♁	04°43'00"	♏	12°51'07"	-00°15'15"	00°44'39"	2.446
22/04/2045 00:00:00	♁	05°19'56"	♈	-10°19'59"	-00°50'12"	00°10'46"	5.514
22/04/2045 00:00:00	♁	10°57'20"	♏	-20°08'09"	01°57'58"	-00°02'57"	9.192
22/04/2045 00:00:00	♁	22°46'18"	♏	14°37'48"	00°44'54"	-00°00'24"	17.983
22/04/2045 00:00:00	♁	14°03'45"	♏	14°25'30"	-01°42'30"	00°02'13"	30.793
22/04/2045 00:00:00	♁	03°42'22"	♈	-20°44'48"	-11°24'44"	00°01'00"	40.827
22/04/2045 00:00:00	♁	29°35'27"	♏	-11°36'49"	00°00'00"	-00°04'37"	0.003

Ephemerides year 2045

22/04/2045 00:00:00	♄	12°52'37" ♎	02°03'14"	-05°03'08"	-00°02'01"	7.946
22/04/2045 00:00:00	♁	06°52'59" ♋	-20°24'39"	-01°55'28"	00°06'39"	0.003
22/04/2045 00:00:00	♅	29°35'27" ♌	-11°36'49"	00°00'00"	-00°04'37"	0.003
22/04/2045 00:00:00	♁	04°51'45" ♋	-21°06'41"	-02°07'40"	03°39'31"	0.003
22/04/2045 00:00:00	X	29°44'20" ♎	05°15'17"	-06°32'05"	00°00'40"	94.499
22/04/2045 00:00:00	Y	14°01'39" ♌	11°24'02"	-11°09'11"	00°00'40"	79.607
23/04/2045 00:00:00	♁	03°15'31" ♋	12°35'55"	00°00'00"	00°58'30"	1.005
23/04/2045 00:00:00	♃	16°10'15" ♈	25°55'25" ♁	03°29'34"	14°06'20"	0.002
23/04/2045 00:00:00	♁	06°38'45" ♎	00°08'08"	-02°43'27"	01°14'34"	0.951
23/04/2045 00:00:00	♁	12°12'49" ♋	14°58'33"	-00°32'58"	01°14'03"	1.698
23/04/2045 00:00:00	♂	05°27'39" ♋	13°06'38"	-00°14'37"	00°44'36"	2.447
23/04/2045 00:00:00	♃	05°30'39" ♈	-10°16'13"	-00°50'24"	00°10'40"	5.501
23/04/2045 00:00:00	♃	10°54'21" ♈	-20°07'40"	01°58'02"	-00°03'01"	9.181
23/04/2045 00:00:00	♃	22°45'55" ♈	14°37'54"	00°44'52"	-00°00'21"	17.999
23/04/2045 00:00:00	♁	14°05'58" ♋	14°26'10"	-01°42'29"	00°02'13"	30.797
23/04/2045 00:00:00	♃	03°43'22" ♈	-20°44'42"	-11°25'01"	00°00'59"	40.813
23/04/2045 00:00:00	♁	29°32'04" ♌	-11°38'00"	00°00'00"	-00°02'12"	0.003
23/04/2045 00:00:00	♄	12°50'39" ♎	02°04'39"	-05°02'24"	-00°01'54"	7.958
23/04/2045 00:00:00	♁	06°59'39" ♋	-20°22'10"	-01°54'39"	00°06'39"	0.003

Ephemerides year 2045

23/04/2045 00:00:00	T♄	29°32'04" ♊	-11°38'00"	00°00'00"	-00°02'12"	0.003
23/04/2045 00:00:00	T♄	08°19'32" ♊	-19°57'31"	-01°50'31"	03°12'37"	0.003
23/04/2045 00:00:00	X	29°45'00" ♀	05°15'33"	-06°32'03"	00°00'40"	94.498
23/04/2045 00:00:00	Y	14°02'19" ♀	11°24'12"	-11°09'04"	00°00'40"	79.618
24/04/2045 00:00:00	♁	04°14'01" ♉	12°55'45"	00°00'00"	00°58'28"	1.006
24/04/2045 00:00:00	♂	00°17'17" ♉	22°30'50"	02°29'11"	14°07'29"	0.002
24/04/2045 00:00:00	♀	07°54'26" ♀	00°36'01"	-02°45'34"	01°16'47"	0.966
24/04/2045 00:00:00	♀	13°26'52" ♉	15°23'03"	-00°30'44"	01°14'02"	1.696
24/04/2045 00:00:00	♂	06°12'13" ♉	13°22'00"	-00°13'58"	00°44'33"	2.449
24/04/2045 00:00:00	♃	05°41'17" ♀	-10°12'30"	-00°50'36"	00°10'34"	5.488
24/04/2045 00:00:00	♃	10°51'17" ♀	-20°07'10"	01°58'07"	-00°03'05"	9.171
24/04/2045 00:00:00	♃	22°45'35" ♉	14°37'58"	00°44'49"	-00°00'18"	18.015
24/04/2045 00:00:00	♃	14°08'12" ♉	14°26'50"	-01°42'28"	00°02'13"	30.800
24/04/2045 00:00:00	♃	03°44'21" ♀	-20°44'36"	-11°25'18"	00°00'58"	40.799
24/04/2045 00:00:00	♁	29°30'51" ♊	-11°38'26"	00°00'00"	-00°00'21"	0.003
24/04/2045 00:00:00	♃	12°48'47" ♀	02°06'02"	-05°01'40"	-00°01'48"	7.969
24/04/2045 00:00:00	♃	07°06'18" ♊	-20°19'40"	-01°53'49"	00°06'39"	0.003
24/04/2045 00:00:00	T♄	29°30'51" ♊	-11°38'26"	00°00'00"	-00°00'21"	0.003
24/04/2045 00:00:00	T♄	11°14'16" ♊	-18°56'15"	-01°35'51"	02°37'43"	0.003

Ephemerides year 2045

24/04/2045 00:00:00	X	29°45'40" ♀	05°15'48"	-06°32'01"	00°00'39"	94.497
24/04/2045 00:00:00	Y	14°03'00" ♀	11°24'23"	-11°08'58"	00°00'41"	79.628
25/04/2045 00:00:00	☉	05°12'28" ♀	13°15'22"	00°00'00"	00°58'26"	1.006
25/04/2045 00:00:00	☾	14°24'52" ♀	17°46'26"	01°19'38"	14°07'29"	0.002
25/04/2045 00:00:00	♁	09°12'18" ♀	01°05'12"	-02°47'06"	01°18'57"	0.981
25/04/2045 00:00:00	♂	14°40'54" ♀	15°47'10"	-00°28'29"	01°14'01"	1.695
25/04/2045 00:00:00	♂	06°56'45" ♀	13°37'14"	-00°13'19"	00°44'30"	2.451
25/04/2045 00:00:00	♃	05°51'48" ♀	-10°08'48"	-00°50'48"	00°10'28"	5.474
25/04/2045 00:00:00	♄	10°48'09" ♀	-20°06'40"	01°58'11"	-00°03'10"	9.161
25/04/2045 00:00:00	♅	22°45'18" ♀	14°38'02"	00°44'47"	-00°00'15"	18.031
25/04/2045 00:00:00	♆	14°10'26" ♀	14°27'30"	-01°42'28"	00°02'14"	30.803
25/04/2045 00:00:00	♇	03°45'18" ♀	-20°44'31"	-11°25'36"	00°00'56"	40.786
25/04/2045 00:00:00	♈	29°31'00" ♀	-11°38'22"	00°00'00"	00°00'28"	0.003
25/04/2045 00:00:00	♉	12°47'01" ♀	02°07'23"	-05°00'55"	-00°01'42"	7.981
25/04/2045 00:00:00	♊	07°12'58" ♀	-20°17'10"	-01°53'00"	00°06'39"	0.003
25/04/2045 00:00:00	T♋	29°31'00" ♀	-11°38'22"	00°00'00"	00°00'28"	0.003
25/04/2045 00:00:00	T♌	13°40'30" ♀	-18°02'58"	-01°23'26"	02°18'34"	0.003
25/04/2045 00:00:00	X	29°46'20" ♀	05°16'04"	-06°31'59"	00°00'39"	94.495
25/04/2045 00:00:00	Y	14°03'41" ♀	11°24'34"	-11°08'52"	00°00'41"	79.639

Ephemerides year 2045

26/04/2045 00:00:00	☉	06°10'53" ♉	13°34'45"	00°00'00"	00°58'23"	1.006
26/04/2045 00:00:00	☾	28°31'56" ♋	12°03'54"	00°05'16"	14°06'27"	0.002
26/04/2045 00:00:00	♁	10°32'19" ♉	01°35'38"	-02°48'03"	01°21'03"	0.996
26/04/2045 00:00:00	♂	15°54'54" ♉	16°10'54"	-00°26'11"	01°13'59"	1.693
26/04/2045 00:00:00	♂	07°41'14" ♉	13°52'20"	-00°12'40"	00°44'26"	2.452
26/04/2045 00:00:00	♃	06°02'13" ♉	-10°05'09"	-00°51'00"	00°10'21"	5.461
26/04/2045 00:00:00	♄	10°44'56" ♉	-20°06'09"	01°58'15"	-00°03'14"	9.152
26/04/2045 00:00:00	♅	22°45'04" ♉	14°38'04"	00°44'45"	-00°00'12"	18.047
26/04/2045 00:00:00	♆	14°12'41" ♉	14°28'10"	-01°42'27"	00°02'14"	30.806
26/04/2045 00:00:00	♇	03°46'14" ♉	-20°44'26"	-11°25'54"	00°00'55"	40.772
26/04/2045 00:00:00	♈	29°31'23" ♉	-11°38'15"	00°00'00"	00°00'04"	0.003
26/04/2045 00:00:00	♉	12°45'22" ♉	02°08'42"	-05°00'11"	-00°01'36"	7.993
26/04/2045 00:00:00	♊	07°19'37" ♉	-20°14'40"	-01°52'11"	00°06'39"	0.003
26/04/2045 00:00:00	♋	29°31'23" ♉	-11°38'15"	00°00'00"	00°00'04"	0.003
26/04/2045 00:00:00	♌	15°58'35" ♉	-17°10'59"	-01°11'32"	02°20'01"	0.003
26/04/2045 00:00:00	X	29°47'00" ♉	05°16'19"	-06°31'58"	00°00'39"	94.494
26/04/2045 00:00:00	Y	14°04'23" ♉	11°24'44"	-11°08'46"	00°00'41"	79.649
27/04/2045 00:00:00	☉	07°09'16" ♉	13°53'56"	00°00'00"	00°58'21"	1.006
27/04/2045 00:00:00	☾	12°37'20" ♉	05°45'24"	-01°09'09"	14°04'03"	0.002

Ephemerides year 2045

27/04/2045 00:00:00	♀	11°54'24" ♀	02°07'18"	-02°48'26"	01°23'07"	1.012
27/04/2045 00:00:00	♀	17°08'53" ♂	16°34'13"	-00°23'53"	01°13'58"	1.691
27/04/2045 00:00:00	♂	08°25'39" ♂	14°07'17"	-00°12'02"	00°44'23"	2.454
27/04/2045 00:00:00	♃	06°12'32" ♀	-10°01'32"	-00°51'12"	00°10'15"	5.447
27/04/2045 00:00:00	♄	10°41'40" ♀	-20°05'38"	01°58'18"	-00°03'18"	9.142
27/04/2045 00:00:00	♅	22°44'54" ♀	14°38'06"	00°44'43"	-00°00'08"	18.063
27/04/2045 00:00:00	♆	14°14'55" ♂	14°28'50"	-01°42'27"	00°02'14"	30.808
27/04/2045 00:00:00	♁	03°47'09" ♀	-20°44'22"	-11°26'12"	00°00'54"	40.758
27/04/2045 00:00:00	♁	29°30'46" ♀	-11°38'28"	00°00'00"	-00°01'28"	0.003
27/04/2045 00:00:00	♂	12°43'49" ♀	02°09'59"	-04°59'26"	-00°01'29"	8.006
27/04/2045 00:00:00	♁	07°26'16" ♀	-20°12'09"	-01°51'21"	00°06'39"	0.003
27/04/2045 00:00:00	♁	29°30'46" ♀	-11°38'28"	00°00'00"	-00°01'28"	0.003
27/04/2045 00:00:00	♁	18°21'49" ♀	-16°15'24"	-00°58'57"	02°25'15"	0.003
27/04/2045 00:00:00	X	29°47'40" ♀	05°16'34"	-06°31'56"	00°00'39"	94.492
27/04/2045 00:00:00	Y	14°05'05" ♀	11°24'54"	-11°08'40"	00°00'42"	79.659
28/04/2045 00:00:00	♁	08°07'37" ♂	14°12'52"	-00°00'00"	00°58'19"	1.007
28/04/2045 00:00:00	♁	26°39'24" ♀	-00°47'48"	-02°18'58"	13°59'40"	0.002
28/04/2045 00:00:00	♀	13°18'33" ♀	02°40'07"	-02°48'14"	01°25'08"	1.027
28/04/2045 00:00:00	♀	18°22'51" ♂	16°57'06"	-00°21'32"	01°13'56"	1.690

Ephemerides year 2045

28/04/2045 00:00:00	♂	09°10'01" ♉	14°22'05"	-00°11'23"	00°44'20"	2.455
28/04/2045 00:00:00	♃	06°22'43" ♉	-09°57'57"	-00°51'25"	00°10'08"	5.433
28/04/2045 00:00:00	♅	10°38'19" ♉♂	-20°05'06"	01°58'22"	-00°03'22"	9.133
28/04/2045 00:00:00	♁	22°44'46" ♉♂	14°38'06"	00°44'41"	-00°00'05"	18.079
28/04/2045 00:00:00	♃	14°17'10" ♉	14°29'30"	-01°42'26"	00°02'14"	30.811
28/04/2045 00:00:00	♁	03°48'03" ♉	-20°44'19"	-11°26'30"	00°00'52"	40.743
28/04/2045 00:00:00	♁	29°28'08" ♁♂	-11°39'23"	00°00'00"	-00°03'53"	0.003
28/04/2045 00:00:00	♃	12°42'23" ♁♂	02°11'14"	-04°58'41"	-00°01'23"	8.018
28/04/2045 00:00:00	♁	07°32'55" ♁	-20°09'39"	-01°50'32"	00°06'39"	0.003
28/04/2045 00:00:00	T♁	29°28'08" ♁♂	-11°39'23"	00°00'00"	-00°03'53"	0.003
28/04/2045 00:00:00	T♁	20°43'54" ♁	-15°18'38"	-00°46'13"	02°15'17"	0.003
28/04/2045 00:00:00	X	29°48'19" ♁	05°16'50"	-06°31'54"	00°00'39"	94.489
28/04/2045 00:00:00	Y	14°05'47" ♁	11°25'05"	-11°08'35"	00°00'42"	79.668
29/04/2045 00:00:00	♁	09°05'55" ♉	14°31'34"	-00°00'00"	00°58'17"	1.007
29/04/2045 00:00:00	♁	10°35'47" ♁	-07°15'25"	-03°19'51"	13°52'36"	0.003
29/04/2045 00:00:00	♁	14°44'41" ♁	03°14'04"	-02°47'28"	01°27'08"	1.042
29/04/2045 00:00:00	♀	19°36'47" ♉	17°19'33"	-00°19'11"	01°13'55"	1.688
29/04/2045 00:00:00	♂	09°54'20" ♉	14°36'44"	-00°10'44"	00°44'17"	2.457
29/04/2045 00:00:00	♃	06°32'49" ♉	-09°54'25"	-00°51'37"	00°10'02"	5.420

Ephemerides year 2045

29/04/2045 00:00:00	♃	10°34'55" ♈	-20°04'34"	01°58'25"	-00°03'26"	9.124
29/04/2045 00:00:00	♃	22°44'42" ♈	14°38'05"	00°44'38"	-00°00'02"	18.095
29/04/2045 00:00:00	♃	14°19'25" ♈	14°30'10"	-01°42'26"	00°02'14"	30.813
29/04/2045 00:00:00	♃	03°48'55" ♈	-20°44'16"	-11°26'48"	00°00'51"	40.729
29/04/2045 00:00:00	♃	29°22'51" ♈	-11°41'13"	00°00'00"	-00°06'40"	0.003
29/04/2045 00:00:00	♃	12°41'03" ♈	02°12'26"	-04°57'55"	-00°01'16"	8.031
29/04/2045 00:00:00	♃	07°39'35" ♈	-20°07'08"	-01°49'42"	00°06'39"	0.003
29/04/2045 00:00:00	♃	29°22'51" ♈	-11°41'13"	00°00'00"	-00°06'40"	0.003
29/04/2045 00:00:00	♃	22°44'21" ♈	-14°29'12"	-00°35'07"	01°41'29"	0.003
29/04/2045 00:00:00	X	29°48'59" ♈	05°17'04"	-06°31'53"	00°00'39"	94.486
29/04/2045 00:00:00	Y	14°06'30" ♈	11°25'15"	-11°08'29"	00°00'43"	79.678
30/04/2045 00:00:00	♃	10°04'12" ♈	14°50'02"	-00°00'00"	00°58'15"	1.007
30/04/2045 00:00:00	♃	24°23'32" ♈	-13°17'52"	-04°08'14"	13°42'19"	0.003
30/04/2045 00:00:00	♃	16°12'48" ♈	03°49'05"	-02°46'09"	01°29'05"	1.057
30/04/2045 00:00:00	♃	20°50'41" ♈	17°41'34"	-00°16'49"	01°13'54"	1.686
30/04/2045 00:00:00	♃	10°38'35" ♈	14°51'14"	-00°10'05"	00°44'14"	2.458
30/04/2045 00:00:00	♃	06°42'48" ♈	-09°50'55"	-00°51'50"	00°09'55"	5.406
30/04/2045 00:00:00	♃	10°31'27" ♈	-20°04'02"	01°58'29"	-00°03'30"	9.116
30/04/2045 00:00:00	♃	22°44'41" ♈	14°38'03"	00°44'36"	00°00'00"	18.111

Ephemerides year 2045

30/04/2045 00:00:00	♁	14°21'40"	♏	14°30'50"	-01°42'25"	00°02'15"	30.814
30/04/2045 00:00:00	♁	03°49'46"	♏	-20°44'14"	-11°27'07"	00°00'50"	40.715
30/04/2045 00:00:00	♁	29°14'50"	♏	-11°44'01"	00°00'00"	-00°09'16"	0.003
30/04/2045 00:00:00	♁	12°39'49"	♏	02°13'36"	-04°57'10"	-00°01'10"	8.043
30/04/2045 00:00:00	♁	07°46'14"	♏	-20°04'36"	-01°48'52"	00°06'39"	0.003
30/04/2045 00:00:00	T♁	29°14'50"	♏	-11°44'01"	00°00'00"	-00°09'16"	0.003
30/04/2045 00:00:00	T♁	23°59'18"	♏	-13°57'35"	-00°27'46"	00°45'13"	0.003
30/04/2045 00:00:00	X	29°49'38"	♏	05°17'19"	-06°31'51"	00°00'39"	94.484
30/04/2045 00:00:00	Y	14°07'14"	♏	11°25'25"	-11°08'24"	00°00'43"	79.687
01/05/2045 00:00:00	♁	11°02'27"	♏	15°08'15"	-00°00'00"	00°58'14"	1.007
01/05/2045 00:00:00	♁	07°59'21"	♏	-18°36'23"	-04°41'39"	13°28'49"	0.003
01/05/2045 00:00:00	♁	17°42'52"	♏	04°25'08"	-02°44'16"	01°31'02"	1.072
01/05/2045 00:00:00	♁	22°04'35"	♏	18°03'07"	-00°14'25"	01°13'52"	1.684
01/05/2045 00:00:00	♁	11°22'48"	♏	15°05'35"	-00°09'27"	00°44'11"	2.460
01/05/2045 00:00:00	♁	06°52'40"	♏	-09°47'27"	-00°52'02"	00°09'48"	5.392
01/05/2045 00:00:00	♁	10°27'55"	♏	-20°03'29"	01°58'32"	-00°03'33"	9.107
01/05/2045 00:00:00	♁	22°44'44"	♏	14°38'00"	00°44'34"	00°00'04"	18.128
01/05/2045 00:00:00	♁	14°23'55"	♏	14°31'30"	-01°42'25"	00°02'15"	30.816
01/05/2045 00:00:00	♁	03°50'35"	♏	-20°44'13"	-11°27'25"	00°00'48"	40.700

Ephemerides year 2045

01/05/2045 00:00:00	♁	29°04'32" ♁	-11°47'37"	00°00'00"	-00°11'11"	0.003
01/05/2045 00:00:00	♋	12°38'42" ♁	02°14'44"	-04°56'24"	-00°01'03"	8.056
01/05/2045 00:00:00	♌	07°52'53" ♁	-20°02'05"	-01°48'03"	00°06'39"	0.003
01/05/2045 00:00:00	♁	29°04'32" ♁	-11°47'37"	00°00'00"	-00°11'11"	0.003
01/05/2045 00:00:00	♌	24°10'13" ♁	-13°52'10"	-00°25'52"	-00°24'33"	0.003
01/05/2045 00:00:00	X	29°50'17" ♁	05°17'34"	-06°31'50"	00°00'39"	94.480
01/05/2045 00:00:00	Y	14°07'58" ♁	11°25'35"	-11°08'18"	00°00'44"	79.696
02/05/2045 00:00:00	♁	12°00'40" ♁	15°26'13"	-00°00'00"	00°58'12"	1.008
02/05/2045 00:00:00	♃	21°20'15" ♁	-22°53'45"	-04°58'55"	13°12'36"	0.003
02/05/2045 00:00:00	♌	19°14'53" ♁	05°02'10"	-02°41'51"	01°32'58"	1.087
02/05/2045 00:00:00	♍	23°18'27" ♁	18°24'12"	-00°12'00"	01°13'51"	1.682
02/05/2045 00:00:00	♎	12°06'58" ♁	15°19'45"	-00°08'49"	00°44'07"	2.461
02/05/2045 00:00:00	♏	07°02'25" ♁	-09°44'02"	-00°52'15"	00°09'41"	5.377
02/05/2045 00:00:00	♐	10°24'20" ♁	-20°02'55"	01°58'34"	-00°03'37"	9.099
02/05/2045 00:00:00	♑	22°44'50" ♁	14°37'56"	00°44'32"	00°00'07"	18.144
02/05/2045 00:00:00	♒	14°26'10" ♁	14°32'10"	-01°42'25"	00°02'15"	30.817
02/05/2045 00:00:00	♓	03°51'24" ♁	-20°44'12"	-11°27'44"	00°00'47"	40.686
02/05/2045 00:00:00	♁	28°52'49" ♁	-11°51'42"	00°00'00"	-00°12'03"	0.003
02/05/2045 00:00:00	♋	12°37'42" ♁	02°15'49"	-04°55'38"	-00°00'57"	8.069

Ephemerides year 2045

02/05/2045 00:00:00	☾	07°59'32" ♊	-19°59'33"	-01°47'13"	00°06'39"	0.003
02/05/2045 00:00:00	♁	28°52'49" ♋	-11°51'42"	00°00'00"	-00°12'03"	0.003
02/05/2045 00:00:00	♁	23°10'38" ♋	-14°15'47"	-00°30'02"	-01°32'53"	0.003
02/05/2045 00:00:00	X	29°50'56" ♀	05°17'49"	-06°31'49"	00°00'39"	94.477
02/05/2045 00:00:00	Y	14°08'42" ♀	11°25'45"	-11°08'13"	00°00'44"	79.705
03/05/2045 00:00:00	☉	12°58'52" ♋	15°43'56"	-00°00'00"	00°58'10"	1.008
03/05/2045 00:00:00	☾	04°24'00" ♋	-25°55'48"	-05°00'00"	12°54'43"	0.003
03/05/2045 00:00:00	♁	20°48'49" ♀	05°40'08"	-02°38'52"	01°34'53"	1.101
03/05/2045 00:00:00	♀	24°32'18" ♋	18°44'47"	-00°09'34"	01°13'50"	1.680
03/05/2045 00:00:00	♂	12°51'03" ♋	15°33'47"	-00°08'10"	00°44'04"	2.463
03/05/2045 00:00:00	♃	07°12'03" ♋	-09°40'38"	-00°52'28"	00°09'34"	5.363
03/05/2045 00:00:00	♃	10°20'41" ♋	-20°02'21"	01°58'37"	-00°03'40"	9.092
03/05/2045 00:00:00	♃	22°44'59" ♋	14°37'51"	00°44'29"	00°00'10"	18.160
03/05/2045 00:00:00	♃	14°28'26" ♋	14°32'50"	-01°42'25"	00°02'15"	30.818
03/05/2045 00:00:00	♃	03°52'11" ♋	-20°44'12"	-11°28'02"	00°00'46"	40.671
03/05/2045 00:00:00	♁	28°40'49" ♋	-11°55'52"	00°00'00"	-00°11'44"	0.003
03/05/2045 00:00:00	♃	12°36'48" ♋	02°16'52"	-04°54'52"	-00°00'50"	8.082
03/05/2045 00:00:00	☾	08°06'11" ♋	-19°57'00"	-01°46'23"	00°06'39"	0.003
03/05/2045 00:00:00	♁	28°40'49" ♋	-11°55'52"	00°00'00"	-00°11'44"	0.003

Ephemerides year 2045

03/05/2045 00:00:00	T♄	21°10'51" ♊	-15°03'35"	-00°39'27"	-02°22'08"	0.003
03/05/2045 00:00:00	X	29°51'36" ♄	05°18'03"	-06°31'48"	00°00'39"	94.473
03/05/2045 00:00:00	Y	14°09'27" ♀	11°25'55"	-11°08'08"	00°00'44"	79.713
04/05/2045 00:00:00	☉	13°57'02" ♈	16°01'24"	-00°00'00"	00°58'09"	1.008
04/05/2045 00:00:00	☾	17°09'37" ♉	-27°33'30"	-04°45'54"	12°36'35"	0.003
04/05/2045 00:00:00	♀	22°24'39" ♄	06°18'59"	-02°35'21"	01°36'47"	1.116
04/05/2045 00:00:00	♀	25°46'08" ♈	19°04'54"	-00°07'08"	01°13'49"	1.677
04/05/2045 00:00:00	♂	13°35'06" ♈	15°47'41"	-00°07'30"	00°44'02"	2.464
04/05/2045 00:00:00	♃	07°21'35" ♉	-09°37'18"	-00°52'41"	00°09'27"	5.349
04/05/2045 00:00:00	♅	10°16'58" ♉	-20°01'47"	01°58'39"	-00°03'43"	9.084
04/05/2045 00:00:00	♁	22°45'11" ♁	14°37'45"	00°44'27"	00°00'13"	18.177
04/05/2045 00:00:00	♃	14°30'41" ♈	14°33'30"	-01°42'25"	00°02'15"	30.818
04/05/2045 00:00:00	♁	03°52'56" ♉	-20°44'12"	-11°28'21"	00°00'44"	40.656
04/05/2045 00:00:00	♁	28°29'42" ♊	-11°59'43"	00°00'00"	-00°10'20"	0.003
04/05/2045 00:00:00	♃	12°36'01" ♉	02°17'53"	-04°54'06"	-00°00'43"	8.096
04/05/2045 00:00:00	♄	08°12'51" ♊	-19°54'28"	-01°45'33"	00°06'39"	0.003
04/05/2045 00:00:00	T♁	28°29'42" ♊	-11°59'43"	00°00'00"	-00°10'20"	0.003
04/05/2045 00:00:00	T♄	18°36'55" ♊	-16°04'00"	-00°51'53"	-02°40'09"	0.003
04/05/2045 00:00:00	X	29°52'15" ♄	05°18'18"	-06°31'46"	00°00'38"	94.469

Ephemerides year 2045

04/05/2045 00:00:00	Y	14°10'12" ♀	11°26'05"	-11°08'03"	00°00'45"	79.722
05/05/2045 00:00:00	☉	14°55'10" ♀	16°18'35"	-00°00'00"	00°58'07"	1.008
05/05/2045 00:00:00	☾	29°37'37" ♂	-27°44'25"	0-04°18'19"	12°19'42"	0.003
05/05/2045 00:00:00	♀	24°02'24" ♀	06°58'41"	-02°31'19"	01°38'41"	1.131
05/05/2045 00:00:00	♀	26°59'57" ♀	19°24'30"	-00°04'41"	01°13'48"	1.675
05/05/2045 00:00:00	♂	14°19'07" ♀	16°01'24"	-00°06'51"	00°43'59"	2.466
05/05/2045 00:00:00	♃	07°30'59" ♃	-09°34'00"	-00°52'54"	00°09'20"	5.334
05/05/2045 00:00:00	♄	10°13'13" ♂	-20°01'13"	01°58'42"	-00°03'47"	9.077
05/05/2045 00:00:00	♅	22°45'26" ♁	14°37'38"	00°44'25"	00°00'17"	18.193
05/05/2045 00:00:00	♆	14°32'57" ♀	14°34'09"	-01°42'25"	00°02'15"	30.818
05/05/2045 00:00:00	♇	03°53'41" ♃	-20°44'13"	-11°28'40"	00°00'43"	40.641
05/05/2045 00:00:00	♈	28°20'24" ♈	-12°02'56"	00°00'00"	-00°08'08"	0.003
05/05/2045 00:00:00	♉	12°35'20" ♉	02°18'51"	-04°53'19"	-00°00'37"	8.109
05/05/2045 00:00:00	♊	08°19'30" ♊	-19°51'55"	-01°44'43"	00°06'39"	0.003
05/05/2045 00:00:00	T♋	28°20'24" ♈	-12°02'56"	00°00'00"	-00°08'08"	0.003
05/05/2045 00:00:00	T♌	16°00'43" ♈	-17°03'46"	-01°04'39"	-02°28'01"	0.003
05/05/2045 00:00:00	X	29°52'54" ♀	05°18'32"	-06°31'45"	00°00'38"	94.465
05/05/2045 00:00:00	Y	14°10'57" ♀	11°26'14"	-11°07'58"	00°00'45"	79.730
06/05/2045 00:00:00	☉	15°53'17" ♀	16°35'30"	-00°00'00"	00°58'06"	1.009

Ephemerides year 2045

06/05/2045 00:00:00	♃	11°49'56" ♃	-26°32'58" ♃	-03°39'20"	12°05'28"	0.003
06/05/2045 00:00:00	♆	25°42'03" ♆	07°39'09"	-02°26'44"	01°40'36"	1.145
06/05/2045 00:00:00	♀	28°13'44" ♀	19°43'34"	-00°02'13"	01°13'46"	1.673
06/05/2045 00:00:00	♂	15°03'04" ♂	16°14'58"	-00°06'12"	00°43'55"	2.467
06/05/2045 00:00:00	♃	07°40'16" ♃	-09°30'45"	-00°53'08"	00°09'13"	5.320
06/05/2045 00:00:00	♄	10°09'24" ♄	-20°00'38"	01°58'44"	-00°03'50"	9.070
06/05/2045 00:00:00	♃	22°45'45" ♃	14°37'30"	00°44'23"	00°00'20"	18.210
06/05/2045 00:00:00	♆	14°35'12" ♆	14°34'49"	-01°42'24"	00°02'15"	30.818
06/05/2045 00:00:00	♃	03°54'23" ♃	-20°44'15"	-11°28'59"	00°00'42"	40.626
06/05/2045 00:00:00	♁	28°13'32" ♁	-12°05'19"	00°00'00"	-00°05'34"	0.003
06/05/2045 00:00:00	♃	12°34'46" ♃	02°19'47"	-04°52'32"	-00°00'30"	8.123
06/05/2045 00:00:00	♁	08°26'09" ♁	-19°49'22"	-01°43'53"	00°06'39"	0.003
06/05/2045 00:00:00	♁	28°13'32" ♁	-12°05'19"	00°00'00"	-00°05'34"	0.003
06/05/2045 00:00:00	♁	13°46'37" ♁	-17°53'45"	-01°15'40"	-01°58'42"	0.003
06/05/2045 00:00:00	X	29°53'32" ♆	05°18'47"	-06°31'44"	00°00'38"	94.460
06/05/2045 00:00:00	Y	14°11'43" ♃	11°26'24"	-11°07'53"	00°00'46"	79.737
07/05/2045 00:00:00	♁	16°51'22" ♁	16°52'09"	-00°00'00"	00°58'04"	1.009
07/05/2045 00:00:00	♃	23°49'50" ♃	-24°08'34" ♃	-02°51'08"	11°55'03"	0.003
07/05/2045 00:00:00	♆	27°23'36" ♆	08°20'22"	-02°21'39"	01°42'30"	1.159

Ephemerides year 2045

07/05/2045 00:00:00	♀	29°27'30"	♊	20°02'08"	00°00'14"	01°13'45"	1.671
07/05/2045 00:00:00	♂	15°46'59"	♊	16°28'22"	-00°05'33"	00°43'52"	2.468
07/05/2045 00:00:00	♃	07°49'26"	♋	-09°27'32"	-00°53'21"	00°09'06"	5.305
07/05/2045 00:00:00	♅	10°05'32"	♌	-20°00'03"	01°58'45"	-00°03'53"	9.063
07/05/2045 00:00:00	♁	22°46'07"	♍	14°37'20"	00°44'21"	00°00'23"	18.227
07/05/2045 00:00:00	♃	14°37'28"	♊	14°35'29"	-01°42'24"	00°02'15"	30.818
07/05/2045 00:00:00	♁	03°55'05"	♋	-20°44'17"	-11°29'19"	00°00'40"	40.611
07/05/2045 00:00:00	♁	28°09'14"	♋	-12°06'48"	00°00'00"	-00°03'05"	0.003
07/05/2045 00:00:00	♃	12°34'19"	♌	02°20'41"	-04°51'46"	-00°00'23"	8.137
07/05/2045 00:00:00	♁	08°32'49"	♋	-19°46'49"	-01°43'03"	00°06'39"	0.003
07/05/2045 00:00:00	♁	28°09'14"	♋	-12°06'48"	00°00'00"	-00°03'05"	0.003
07/05/2045 00:00:00	♁	12°03'36"	♋	-18°31'17"	-01°24'11"	-01°28'22"	0.003
07/05/2045 00:00:00	X	29°54'11"	♋	05°19'01"	-06°31'43"	00°00'38"	94.455
07/05/2045 00:00:00	Y	14°12'30"	♋	11°26'34"	-11°07'49"	00°00'46"	79.745
08/05/2045 00:00:00	♁	17°49'26"	♊	17°08'31"	00°00'00"	00°58'03"	1.009
08/05/2045 00:00:00	♃	05°41'36"	♋	-20°43'04"	-01°55'57"	11°49'19"	0.003
08/05/2045 00:00:00	♃	29°07'04"	♋	09°02'14"	-02°16'03"	01°44'24"	1.173
08/05/2045 00:00:00	♀	00°41'16"	♋	20°20'09"	00°02'43"	01°13'44"	1.668
08/05/2045 00:00:00	♂	16°30'50"	♊	16°41'35"	-00°04'55"	00°43'49"	2.470

Ephemerides year 2045

08/05/2045 00:00:00	♃	07°58'28" ♈	-09°24'22"	-00°53'34"	00°08'58"	5.291
08/05/2045 00:00:00	♅	10°01'37" ♉	-19°59'28"	01°58'47"	-00°03'56"	9.056
08/05/2045 00:00:00	♆	22°46'32" ♊	14°37'10"	00°44'18"	00°00'26"	18.243
08/05/2045 00:00:00	♇	14°39'43" ♋	14°36'08"	-01°42'24"	00°02'15"	30.818
08/05/2045 00:00:00	♄	03°55'45" ♌	-20°44'20"	-11°29'38"	00°00'39"	40.596
08/05/2045 00:00:00	♁	28°07'11" ♍	-12°07'31"	00°00'00"	-00°01'08"	0.003
08/05/2045 00:00:00	♂	12°33'59" ♎	02°21'32"	-04°50'59"	-00°00'17"	8.150
08/05/2045 00:00:00	♁	08°39'28" ♍	-19°44'15"	-01°42'13"	00°06'39"	0.003
08/05/2045 00:00:00	♁	28°07'11" ♍	-12°07'31"	00°00'00"	-00°01'08"	0.003
08/05/2045 00:00:00	♁	10°46'06" ♍	-18°59'02"	-01°30'40"	-01°09'12"	0.003
08/05/2045 00:00:00	X	29°54'49" ♏	05°19'15"	-06°31'42"	00°00'38"	94.450
08/05/2045 00:00:00	Y	14°13'16" ♐	11°26'43"	-11°07'44"	00°00'46"	79.752
09/05/2045 00:00:00	♁	18°47'29" ♏	17°24'36"	00°00'00"	00°58'01"	1.009
09/05/2045 00:00:00	♁	17°30'15" ♍	-16°28'26"	-00°55'59"	11°48'51"	0.003
09/05/2045 00:00:00	♁	00°52'26" ♏	09°44'42"	-02°09'57"	01°46'19"	1.187
09/05/2045 00:00:00	♁	01°55'00" ♐	20°37'36"	00°05'12"	01°13'43"	1.666
09/05/2045 00:00:00	♁	17°14'38" ♏	16°54'39"	-00°04'16"	00°43'46"	2.471
09/05/2045 00:00:00	♃	08°07'23" ♈	-09°21'14"	-00°53'48"	00°08'50"	5.276
09/05/2045 00:00:00	♅	09°57'39" ♉	-19°58'52"	01°58'48"	-00°03'59"	9.050

Ephemerides year 2045

09/05/2045 00:00:00	♃	22°47'00" ♏	14°36'59"	00°44'16"	00°00'29"	18.260
09/05/2045 00:00:00	♃	14°41'59" ♏	14°36'48"	-01°42'24"	00°02'15"	30.817
09/05/2045 00:00:00	♃	03°56'24" ♃	-20°44'23"	-11°29'57"	00°00'37"	40.580
09/05/2045 00:00:00	♏	28°06'40" ♃	-12°07'42"	00°00'00"	-00°00'03"	0.003
09/05/2045 00:00:00	♃	12°33'45" ♃	02°22'20"	-04°50'12"	-00°00'10"	8.164
09/05/2045 00:00:00	♃	08°46'07" ♃	-19°41'42"	-01°41'23"	00°06'39"	0.003
09/05/2045 00:00:00	T♏	28°06'40" ♃	-12°07'42"	00°00'00"	-00°00'03"	0.003
09/05/2045 00:00:00	T♃	09°39'15" ♃	-19°22'37"	-01°36'17"	-01°07'39"	0.003
09/05/2045 00:00:00	X	29°55'27" ♃	05°19'29"	-06°31'42"	00°00'38"	94.444
09/05/2045 00:00:00	Y	14°14'03" ♃	11°26'53"	-11°07'40"	00°00'47"	79.759
10/05/2045 00:00:00	♃	19°45'30" ♏	17°40'24"	00°00'00"	00°58'00"	1.010
10/05/2045 00:00:00	♃	29°21'09" ♃	-11°35'39"	00°06'35"	11°53'52"	0.003
10/05/2045 00:00:00	♃	02°39'42" ♏	10°27'43"	-02°03'22"	01°48'14"	1.200
10/05/2045 00:00:00	♃	03°08'43" ♃	20°54'31"	00°07'41"	01°13'42"	1.663
10/05/2045 00:00:00	♃	17°58'24" ♏	17°07'32"	-00°03'37"	00°43'43"	2.472
10/05/2045 00:00:00	♃	08°16'10" ♃	-09°18'10"	-00°54'02"	00°08'43"	5.261
10/05/2045 00:00:00	♃	09°53'39" ♃	-19°58'16"	01°58'50"	-00°04'01"	9.044
10/05/2045 00:00:00	♃	22°47'31" ♏	14°36'46"	00°44'14"	00°00'32"	18.277
10/05/2045 00:00:00	♃	14°44'14" ♏	14°37'27"	-01°42'25"	00°02'15"	30.816

Ephemerides year 2045

10/05/2045 00:00:00	♁	03°57'01" ♈	-20°44'27"	-11°30'17"	00°00'36"	40.565
10/05/2045 00:00:00	♁	28°06'42" ♋	-12°07'41"	00°00'00"	-00°00'02"	0.003
10/05/2045 00:00:00	♁	12°33'38" ♌	02°23'07"	-04°49'25"	-00°00'03"	8.179
10/05/2045 00:00:00	♁	08°52'46" ♍	-19°39'08"	-01°40'33"	00°06'39"	0.003
10/05/2045 00:00:00	♁	28°06'42" ♋	-12°07'41"	00°00'00"	-00°00'02"	0.003
10/05/2045 00:00:00	♁	08°24'25" ♍	-19°48'30"	-01°42'31"	-01°25'03"	0.003
10/05/2045 00:00:00	X	29°56'05" ♎	05°19'42"	-06°31'41"	00°00'37"	94.439
10/05/2045 00:00:00	Y	14°14'50" ♏	11°27'02"	-11°07'36"	00°00'47"	79.766
11/05/2045 00:00:00	♁	20°43'30" ♏	17°55'53"	00°00'00"	00°57'59"	1.010
11/05/2045 00:00:00	♁	11°19'47" ♈	-06°14'33"	01°09'30"	12°04'17"	0.003
11/05/2045 00:00:00	♁	04°28'54" ♏	11°11'10"	-01°56'18"	01°50'09"	1.213
11/05/2045 00:00:00	♁	04°22'24" ♏	21°10'50"	00°10'11"	01°13'41"	1.661
11/05/2045 00:00:00	♁	18°42'06" ♏	17°20'15"	-00°02'58"	00°43'40"	2.473
11/05/2045 00:00:00	♁	08°24'50" ♈	-09°15'08"	-00°54'15"	00°08'35"	5.246
11/05/2045 00:00:00	♁	09°49'36" ♎	-19°57'39"	01°58'50"	-00°04'04"	9.039
11/05/2045 00:00:00	♁	22°48'06" ♏	14°36'33"	00°44'12"	00°00'36"	18.293
11/05/2045 00:00:00	♁	14°46'29" ♏	14°38'06"	-01°42'25"	00°02'14"	30.814
11/05/2045 00:00:00	♁	03°57'36" ♈	-20°44'32"	-11°30'36"	00°00'34"	40.550
11/05/2045 00:00:00	♁	28°06'12" ♋	-12°07'51"	00°00'00"	-00°01'07"	0.003

Ephemerides year 2045

11/05/2045 00:00:00	♁	12°33'37" ♍	02°23'50"	-04°48'38"	00°00'02"	8.193
11/05/2045 00:00:00	♁	08°59'25" ♍	-19°36'33"	-01°39'43"	00°06'39"	0.003
11/05/2045 00:00:00	♁	28°06'12" ♍	-12°07'51"	00°00'00"	-00°01'07"	0.003
11/05/2045 00:00:00	♁	06°43'54" ♍	-20°22'20"	-01°50'40"	-01°58'01"	0.003
11/05/2045 00:00:00	X	29°56'43" ♀	05°19'56"	-06°31'40"	00°00'37"	94.433
11/05/2045 00:00:00	Y	14°15'38" ♀	11°27'11"	-11°07'32"	00°00'47"	79.773
12/05/2045 00:00:00	♁	21°41'28" ♄	18°11'05"	00°00'00"	00°57'57"	1.010
12/05/2045 00:00:00	♁	23°31'22" ♄	-00°34'36"	02°10'17"	12°19'38"	0.003
12/05/2045 00:00:00	♁	06°20'01" ♄	11°55'01"	-01°48'47"	01°52'04"	1.226
12/05/2045 00:00:00	♁	05°36'05" ♀	21°26'35"	00°12'40"	01°13'40"	1.658
12/05/2045 00:00:00	♁	19°25'45" ♄	17°32'48"	-00°02'19"	00°43'37"	2.475
12/05/2045 00:00:00	♁	08°33'21" ♄	-09°12'09"	-00°54'29"	00°08'27"	5.231
12/05/2045 00:00:00	♁	09°45'30" ♄	-19°57'03"	01°58'51"	-00°04'06"	9.033
12/05/2045 00:00:00	♁	22°48'44" ♄	14°36'18"	00°44'09"	00°00'39"	18.310
12/05/2045 00:00:00	♁	14°48'44" ♄	14°38'45"	-01°42'25"	00°02'14"	30.813
12/05/2045 00:00:00	♁	03°58'11" ♄	-20°44'37"	-11°30'56"	00°00'33"	40.534
12/05/2045 00:00:00	♁	28°04'09" ♍	-12°08'34"	00°00'00"	-00°03'06"	0.003
12/05/2045 00:00:00	♁	12°33'44" ♍	02°24'32"	-04°47'50"	00°00'09"	8.207
12/05/2045 00:00:00	♁	09°06'04" ♍	-19°33'59"	-01°38'53"	00°06'39"	0.003

Ephemerides year 2045

12/05/2045 00:00:00	T♁	28°04'09" ♊	-12°08'34"	00°00'00"	-00°03'06"	0.003
12/05/2045 00:00:00	T♄	04°26'06" ♊	-21°06'56"	-02°01'33"	-02°37'35"	0.003
12/05/2045 00:00:00	X	29°57'20" ♀	05°20'09"	-06°31'40"	00°00'37"	94.427
12/05/2045 00:00:00	Y	14°16'26" ♀	11°27'20"	-11°07'28"	00°00'47"	79.779
13/05/2045 00:00:00	☉	22°39'25" ♋	18°25'58"	00°00'00"	00°57'56"	1.010
13/05/2045 00:00:00	☾	06°00'24" ♀	05°14'05"	03°06'13"	12°39'00"	0.003
13/05/2045 00:00:00	♁	08°13'02" ♋	12°39'08"	-01°40'49"	01°53'58"	1.238
13/05/2045 00:00:00	♂	06°49'45" ♀	21°41'44"	00°15'09"	01°13'39"	1.656
13/05/2045 00:00:00	♂	20°09'21" ♋	17°45'10"	-00°01'40"	00°43'34"	2.476
13/05/2045 00:00:00	♃	08°41'45" ♋	-09°09'13"	-00°54'43"	00°08'19"	5.216
13/05/2045 00:00:00	♄	09°41'22" ♋	-19°56'26"	01°58'52"	-00°04'09"	9.028
13/05/2045 00:00:00	♅	22°49'25" ♋	14°36'03"	00°44'07"	00°00'42"	18.327
13/05/2045 00:00:00	♆	14°50'58" ♋	14°39'24"	-01°42'25"	00°02'14"	30.811
13/05/2045 00:00:00	♇	03°58'43" ♋	-20°44'43"	-11°31'16"	00°00'32"	40.518
13/05/2045 00:00:00	♁	27°59'48" ♊	-12°10'04"	00°00'00"	-00°05'39"	0.003
13/05/2045 00:00:00	♂	12°33'57" ♋	02°25'10"	-04°47'03"	00°00'16"	8.221
13/05/2045 00:00:00	♁	09°12'44" ♊	-19°31'24"	-01°38'02"	00°06'39"	0.003
13/05/2045 00:00:00	T♁	27°59'48" ♊	-12°10'04"	00°00'00"	-00°05'39"	0.003
13/05/2045 00:00:00	T♄	01°31'20" ♊	-22°00'33"	-02°14'52"	-03°09'13"	0.003

Ephemerides year 2045

13/05/2045 00:00:00	X	29°57'58" ♀	05°20'23"	-06°31'39"	00°00'37"	94.420
13/05/2045 00:00:00	Y	14°17'14" ♀	11°27'29"	-11°07'24"	00°00'48"	79.785
14/05/2045 00:00:00	♁	23°37'21" ♀	18°40'33"	00°00'00"	00°57'55"	1.011
14/05/2045 00:00:00	♂	18°50'16" ♀	10°59'15"	03°54'15"	13°01'02"	0.003
14/05/2045 00:00:00	♀	10°07'58" ♀	13°23'26"	-01°32'26"	01°55'52"	1.250
14/05/2045 00:00:00	♀	08°03'23" ♀	21°56'17"	00°17'38"	01°13'37"	1.653
14/05/2045 00:00:00	♂	20°52'54" ♀	17°57'22"	-00°01'02"	00°43'31"	2.477
14/05/2045 00:00:00	♃	08°50'00" ♀	-09°06'21"	-00°54'58"	00°08'11"	5.201
14/05/2045 00:00:00	♄	09°37'11" ♀	-19°55'49"	01°58'52"	-00°04'11"	9.024
14/05/2045 00:00:00	♅	22°50'09" ♀	14°35'46"	00°44'05"	00°00'45"	18.343
14/05/2045 00:00:00	♆	14°53'13" ♀	14°40'03"	-01°42'26"	00°02'14"	30.809
14/05/2045 00:00:00	♇	03°59'15" ♀	-20°44'50"	-11°31'35"	00°00'30"	40.503
14/05/2045 00:00:00	♈	27°52'49" ♀	-12°12'28"	00°00'00"	-00°08'18"	0.003
14/05/2045 00:00:00	♉	12°34'17" ♀	02°25'47"	-04°46'16"	00°00'23"	8.236
14/05/2045 00:00:00	♊	09°19'23" ♀	-19°28'49"	-01°37'12"	00°06'39"	0.003
14/05/2045 00:00:00	T♈	27°52'49" ♀	-12°12'28"	00°00'00"	-00°08'18"	0.003
14/05/2045 00:00:00	T♉	28°15'33" ♀	-22°56'30"	-02°29'12"	-03°17'28"	0.003
14/05/2045 00:00:00	X	29°58'35" ♀	05°20'36"	-06°31'39"	00°00'36"	94.413
14/05/2045 00:00:00	Y	14°18'02" ♀	11°27'38"	-11°07'20"	00°00'48"	79.791

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15/05/2045 00:00:00	☉	24°35'16" ♈	18°54'49"	00°00'00"	00°57'53"	1.011
15/05/2045 00:00:00	☾	02°02'45" ♈	16°25'13"	04°31'13"	13°23'53"	0.003
15/05/2045 00:00:00	♀	12°04'46" ♈	14°07'49"	-01°23'39"	01°57'44"	1.261
15/05/2045 00:00:00	♁	09°17'01" ♉	22°10'14"	00°20'07"	01°13'36"	1.650
15/05/2045 00:00:00	♂	21°36'24" ♈	18°09'22"	-00°00'23"	00°43'28"	2.478
15/05/2045 00:00:00	♃	08°58'07" ♉	-09°03'31"	-00°55'12"	00°08'03"	5.186
15/05/2045 00:00:00	♄	09°32'59" ♉♁	-19°55'12"	01°58'52"	-00°04'13"	9.019
15/05/2045 00:00:00	♅	22°50'56" ♋	14°35'29"	00°44'03"	00°00'49"	18.360
15/05/2045 00:00:00	♆	14°55'27" ♈	14°40'42"	-01°42'26"	00°02'14"	30.806
15/05/2045 00:00:00	♇	03°59'45" ♉	-20°44'57"	-11°31'55"	00°00'29"	40.487
15/05/2045 00:00:00	♈	27°43'20" ♁♈	-12°15'44"	00°00'00"	-00°10'32"	0.003
15/05/2045 00:00:00	♉	12°34'43" ♋♈	02°26'20"	-04°45'28"	00°00'30"	8.251
15/05/2045 00:00:00	♊	09°26'02" ♁♊	-19°26'14"	-01°36'21"	00°06'39"	0.003
15/05/2045 00:00:00	♋♈	27°43'20" ♁♈	-12°15'44"	00°00'00"	-00°10'32"	0.003
15/05/2045 00:00:00	♋♁	25°06'40" ♁♋	-23°46'08" ♁	-02°42'23"	-02°55'24"	0.003
15/05/2045 00:00:00	X	29°59'11" ♁	05°20'49"	-06°31'38"	00°00'36"	94.406
15/05/2045 00:00:00	Y	14°18'51" ♉	11°27'47"	-11°07'17"	00°00'48"	79.796
16/05/2045 00:00:00	☉	25°33'09" ♈	19°08'45"	00°00'00"	00°57'52"	1.011
16/05/2045 00:00:00	☾	15°37'37" ♈	21°12'00"	04°54'01"	13°45'26"	0.003

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16/05/2045 00:00:00	♀	14°03'26" ♀	14°52'08"	-01°14'30"	01°59'34"	1.271
16/05/2045 00:00:00	♀	10°30'37" ♀	22°23'33"	00°22'35"	01°13'35"	1.647
16/05/2045 00:00:00	♂	22°19'51" ♂	18°21'12"	00°00'15"	00°43'25"	2.479
16/05/2045 00:00:00	♃	09°06'06" ♃	-09°00'44"	-00°55'26"	00°07'54"	5.171
16/05/2045 00:00:00	♃	09°28'44" ♃	-19°54'34"	01°58'52"	-00°04'15"	9.015
16/05/2045 00:00:00	♃	22°51'47" ♃	14°35'10"	00°44'00"	00°00'52"	18.377
16/05/2045 00:00:00	♃	14°57'41" ♃	14°41'20"	-01°42'27"	00°02'13"	30.803
16/05/2045 00:00:00	♃	04°00'13" ♃	-20°45'05"	-11°32'15"	00°00'27"	40.471
16/05/2045 00:00:00	♃	27°32'01" ♃	-12°19'38"	00°00'00"	-00°11'54"	0.003
16/05/2045 00:00:00	♃	12°35'17" ♃	02°26'51"	-04°44'41"	00°00'37"	8.265
16/05/2045 00:00:00	♃	09°32'41" ♃	-19°23'38"	-01°35'31"	00°06'39"	0.003
16/05/2045 00:00:00	♃	27°32'01" ♃	-12°19'38"	00°00'00"	-00°11'54"	0.003
16/05/2045 00:00:00	♃	22°32'27" ♃	-24°23'17"	-02°52'35"	-02°10'29"	0.003
16/05/2045 00:00:00	X	29°59'48" X	05°21'02"	-06°31'38"	00°00'36"	94.399
16/05/2045 00:00:00	Y	14°19'40" Y	11°27'55"	-11°07'13"	00°00'49"	79.801
17/05/2045 00:00:00	♃	26°31'00" ♃	19°22'23"	00°00'00"	00°57'51"	1.011
17/05/2045 00:00:00	♃	29°32'30" ♃	24°55'52"	05°00'08"	14°03'36"	0.002
17/05/2045 00:00:00	♀	16°03'55" ♀	15°36'17"	-01°05'01"	02°01'22"	1.281
17/05/2045 00:00:00	♀	11°44'12" ♀	22°36'14"	00°25'03"	01°13'34"	1.644

Ephemerides year 2045

17/05/2045 00:00:00	♂	23°03'14" ♉	18°32'51"	00°00'53"	00°43'22"	2.480
17/05/2045 00:00:00	♃	09°13'57" ♉	-08°58'00"	-00°55'41"	00°07'46"	5.155
17/05/2045 00:00:00	♃	09°24'28" ♉	-19°53'56"	01°58'51"	-00°04'17"	9.011
17/05/2045 00:00:00	♃	22°52'41" ♉	14°34'50"	00°43'58"	00°00'55"	18.394
17/05/2045 00:00:00	♃	14°59'54" ♉	14°41'58"	-01°42'27"	00°02'13"	30.800
17/05/2045 00:00:00	♃	04°00'40" ♉	-20°45'13"	-11°32'35"	00°00'26"	40.456
17/05/2045 00:00:00	♁	27°19'55" ♉	-12°23'47"	00°00'00"	-00°12'03"	0.003
17/05/2045 00:00:00	♃	12°35'58" ♉	02°27'20"	-04°43'54"	00°00'44"	8.280
17/05/2045 00:00:00	♃	09°39'20" ♉	-19°21'02"	-01°34'41"	00°06'39"	0.003
17/05/2045 00:00:00	♁	27°19'55" ♉	-12°23'47"	00°00'00"	-00°12'03"	0.003
17/05/2045 00:00:00	♃	20°47'30" ♉	-24°46'39" ♁	-02°59'07"	-01°20'02"	0.003
17/05/2045 00:00:00	X	00°00'24" ♉	05°21'15"	-06°31'37"	00°00'36"	94.391
17/05/2045 00:00:00	Y	14°20'29" ♉	11°28'04"	-11°07'10"	00°00'49"	79.806
18/05/2045 00:00:00	♁	27°28'51" ♉	19°35'40"	00°00'00"	00°57'49"	1.011
18/05/2045 00:00:00	♁	13°43'07" ♉	27°12'29" ♁	04°48'05"	14°16'41"	0.002
18/05/2045 00:00:00	♃	18°06'09" ♉	16°20'06"	-00°55'14"	02°03'05"	1.290
18/05/2045 00:00:00	♀	12°57'46" ♉	22°48'17"	00°27'30"	01°13'33"	1.642
18/05/2045 00:00:00	♂	23°46'35" ♉	18°44'19"	00°01'32"	00°43'19"	2.481
18/05/2045 00:00:00	♃	09°21'40" ♉	-08°55'20"	-00°55'55"	00°07'38"	5.140

Ephemerides year 2045

18/05/2045 00:00:00	♃	09°20'10"	♌r	-19°53'19"	01°58'50"	-00°04'18"	9.007	
18/05/2045 00:00:00	♃	22°53'38"	♌	14°34'29"	00°43'56"	00°00'58"	18.410	
18/05/2045 00:00:00	♃	15°02'08"	♌	14°42'36"	-01°42'28"	00°02'13"	30.797	
18/05/2045 00:00:00	♃	04°01'06"	♌	-20°45'22"	-11°32'55"	00°00'24"	40.440	
18/05/2045 00:00:00	♌	27°08'19"	♌r	-12°27'45"	00°00'00"	-00°10'56"	0.003	
18/05/2045 00:00:00	♌	12°36'45"	♌	02°27'46"	-04°43'06"	00°00'50"	8.295	
18/05/2045 00:00:00	♌	09°45'59"	♌	-19°18'26"	-01°33'50"	00°06'39"	0.003	
18/05/2045 00:00:00	T♌	27°08'19"	♌r	-12°27'45"	00°00'00"	-00°10'56"	0.003	
18/05/2045 00:00:00	T♌	19°48'26"	♌r	-24°58'59"	♌	-03°02'32"	-00°41'06"	0.003
18/05/2045 00:00:00	X	00°01'01"	♌	05°21'27"	-06°31'37"	00°00'36"	94.384	
18/05/2045 00:00:00	Y	14°21'18"	♌	11°28'12"	-11°07'07"	00°00'49"	79.811	
19/05/2045 00:00:00	♌	28°26'40"	♌	19°48'37"	00°00'00"	00°57'48"	1.012	
19/05/2045 00:00:00	♌	28°03'55"	♌	27°43'06"	♌	04°17'51"	14°23'53"	0.002
19/05/2045 00:00:00	♌	20°10'04"	♌	17°03'26"	-00°45'10"	02°04'43"	1.298	
19/05/2045 00:00:00	♌	14°11'19"	♌	22°59'40"	00°29'56"	01°13'32"	1.639	
19/05/2045 00:00:00	♌	24°29'53"	♌	18°55'36"	00°02'10"	00°43'15"	2.482	
19/05/2045 00:00:00	♌	09°29'13"	♌	-08°52'42"	-00°56'10"	00°07'29"	5.125	
19/05/2045 00:00:00	♃	09°15'51"	♌r	-19°52'41"	01°58'49"	-00°04'20"	9.004	
19/05/2045 00:00:00	♃	22°54'38"	♌	14°34'07"	00°43'54"	00°01'01"	18.427	

Ephemerides year 2045

19/05/2045 00:00:00	♁	15°04'21" ♉	14°43'14"	-01°42'29"	00°02'12"	30.793
19/05/2045 00:00:00	♁	04°01'30" ♉	-20°45'31"	-11°33'15"	00°00'23"	40.424
19/05/2045 00:00:00	♁	26°58'24" ♉	-12°31'08"	00°00'00"	-00°08'45"	0.003
19/05/2045 00:00:00	♁	12°37'39" ♉	02°28'09"	-04°42'19"	00°00'57"	8.310
19/05/2045 00:00:00	♁	09°52'39" ♉	-19°15'49"	-01°32'59"	00°06'39"	0.003
19/05/2045 00:00:00	♁	26°58'24" ♉	-12°31'08"	00°00'00"	-00°08'45"	0.003
19/05/2045 00:00:00	♁	19°18'09" ♉	-25°05'04" ♁	-03°04'11"	-00°23'14"	0.003
19/05/2045 00:00:00	X	00°01'36" ♉	05°21'40"	-06°31'37"	00°00'35"	94.375
19/05/2045 00:00:00	Y	14°22'08" ♉	11°28'21"	-11°07'04"	00°00'49"	79.816
20/05/2045 00:00:00	♁	29°24'27" ♉	20°01'14"	00°00'00"	00°57'46"	1.012
20/05/2045 00:00:00	♁	12°28'59" ♉	26°21'04" ♁	03°31'02"	14°25'20"	0.002
20/05/2045 00:00:00	♁	22°15'34" ♉	17°46'07"	-00°34'54"	02°06'15"	1.305
20/05/2045 00:00:00	♁	15°24'51" ♉	23°10'25"	00°32'22"	01°13'30"	1.635
20/05/2045 00:00:00	♁	25°13'07" ♉	19°06'41"	00°02'49"	00°43'12"	2.483
20/05/2045 00:00:00	♁	09°36'38" ♉	-08°50'08"	-00°56'25"	00°07'20"	5.109
20/05/2045 00:00:00	♁	09°11'30" ♉	-19°52'03"	01°58'48"	-00°04'21"	9.001
20/05/2045 00:00:00	♁	22°55'41" ♉	14°33'45"	00°43'52"	00°01'04"	18.444
20/05/2045 00:00:00	♁	15°06'33" ♉	14°43'52"	-01°42'29"	00°02'12"	30.790
20/05/2045 00:00:00	♁	04°01'53" ♉	-20°45'41"	-11°33'36"	00°00'21"	40.408

Ephemerides year 2045

20/05/2045 00:00:00	♁	26°51'00" ♁	-12°33'40"	00°00'00"	-00°05'59"	0.003
20/05/2045 00:00:00	♃	12°38'40" ♃	02°28'29"	-04°41'32"	00°01'04"	8.325
20/05/2045 00:00:00	♁	09°59'18" ♁	-19°13'13"	-01°32'09"	00°06'39"	0.003
20/05/2045 00:00:00	♁	26°51'00" ♁	-12°33'40"	00°00'00"	-00°05'59"	0.003
20/05/2045 00:00:00	♁	18°55'16" ♁	-25°09'43" ♁	-03°05'34"	-00°25'00"	0.003
20/05/2045 00:00:00	X	00°02'12" ♃	05°21'52"	-06°31'37"	00°00'35"	94.367
20/05/2045 00:00:00	Y	14°22'58" ♃	11°28'29"	-11°07'01"	00°00'50"	79.820
21/05/2045 00:00:00	♁	00°22'13" ♃	20°13'30"	00°00'00"	00°57'44"	1.012
21/05/2045 00:00:00	♃	26°53'00" ♃	23°14'31"	02°30'45"	14°22'01"	0.002
21/05/2045 00:00:00	♁	24°22'31" ♃	18°27'57"	-00°24'28"	02°07'39"	1.311
21/05/2045 00:00:00	♁	16°38'21" ♃	23°20'30"	00°34'47"	01°13'29"	1.632
21/05/2045 00:00:00	♁	25°56'18" ♃	19°17'35"	00°03'27"	00°43'09"	2.484
21/05/2045 00:00:00	♁	09°43'54" ♃	-08°47'37"	-00°56'40"	00°07'11"	5.094
21/05/2045 00:00:00	♁	09°07'08" ♃	-19°51'25"	01°58'47"	-00°04'22"	8.998
21/05/2045 00:00:00	♁	22°56'48" ♃	14°33'21"	00°43'49"	00°01'07"	18.460
21/05/2045 00:00:00	♁	15°08'46" ♃	14°44'30"	-01°42'30"	00°02'11"	30.786
21/05/2045 00:00:00	♁	04°02'14" ♃	-20°45'52"	-11°33'56"	00°00'20"	40.392
21/05/2045 00:00:00	♁	26°46'25" ♁	-12°35'14"	00°00'00"	-00°03'13"	0.003
21/05/2045 00:00:00	♃	12°39'48" ♃	02°28'48"	-04°40'44"	00°01'11"	8.340

Ephemerides year 2045

21/05/2045 00:00:00	☾	10°05'57" ♊	-19°10'36"	-01°31'18"	00°06'39"	0.003
21/05/2045 00:00:00	♁	26°46'25" ♋	-12°35'14"	00°00'00"	-00°03'13"	0.003
21/05/2045 00:00:00	♁	18°26'23" ♌	-25°15'46" ♍	-03°07'34"	-00°31'35"	0.003
21/05/2045 00:00:00	X	00°02'47" ♌	05°22'04"	-06°31'37"	00°00'35"	94.359
21/05/2045 00:00:00	Y	14°23'49" ♌	11°28'37"	-11°06'58"	00°00'50"	79.824
22/05/2045 00:00:00	☉	01°19'57" ♌	20°25'26"	00°00'00"	00°57'43"	1.012
22/05/2045 00:00:00	☾	11°11'56" ♌	18°42'48"	01°21'12"	14°15'25"	0.002
22/05/2045 00:00:00	♀	26°30'48" ♌	19°08'45"	-00°13'56"	02°08'53"	1.316
22/05/2045 00:00:00	♀	17°51'50" ♌	23°29'54" ♍	00°37'10"	01°13'28"	1.629
22/05/2045 00:00:00	♂	26°39'26" ♌	19°28'18"	00°04'05"	00°43'06"	2.485
22/05/2045 00:00:00	♃	09°51'02" ♌	-08°45'10"	-00°56'55"	00°07'02"	5.078
22/05/2045 00:00:00	♃	09°02'45" ♌	-19°50'47"	01°58'45"	-00°04'23"	8.996
22/05/2045 00:00:00	♃	22°57'57" ♌	14°32'56"	00°43'47"	00°01'11"	18.477
22/05/2045 00:00:00	♃	15°10'57" ♌	14°45'07"	-01°42'31"	00°02'11"	30.781
22/05/2045 00:00:00	♃	04°02'34" ♌	-20°46'04"	-11°34'16"	00°00'18"	40.376
22/05/2045 00:00:00	♁	26°44'21" ♌	-12°35'56"	00°00'00"	-00°01'04"	0.003
22/05/2045 00:00:00	♃	12°41'03" ♌	02°29'03"	-04°39'57"	00°01'17"	8.355
22/05/2045 00:00:00	☾	10°12'36" ♌	-19°07'59"	-01°30'27"	00°06'39"	0.003
22/05/2045 00:00:00	♁	26°44'21" ♌	-12°35'56"	00°00'00"	-00°01'04"	0.003

Ephemerides year 2045

22/05/2045 00:00:00	T♄	17°59'06" ♉	-25°21'29" ♁	-03°09'34"	-00°17'06"	0.003
22/05/2045 00:00:00	X	00°03'22" ♉	05°22'16"	-06°31'37"	00°00'34"	94.350
22/05/2045 00:00:00	Y	14°24'39" ♉	11°28'45"	-11°06'55"	00°00'50"	79.827
23/05/2045 00:00:00	☉	02°17'39" ♉	20°37'00"	00°00'00"	00°57'41"	1.012
23/05/2045 00:00:00	☾	25°23'14" ♋	13°10'05"	00°07'07"	14°06'58"	0.002
23/05/2045 00:00:00	♀	28°40'14" ♉	19°48'20"	-00°03'21"	02°09'56"	1.319
23/05/2045 00:00:00	♀	19°05'17" ♉	23°38'38" ♁	00°39'32"	01°13'26"	1.626
23/05/2045 00:00:00	♂	27°22'30" ♉	19°38'49"	00°04'44"	00°43'02"	2.486
23/05/2045 00:00:00	♃	09°58'00" ♉	-08°42'46"	-00°57'10"	00°06'53"	5.063
23/05/2045 00:00:00	♅	08°58'21" ♉	-19°50'09"	01°58'43"	-00°04'24"	8.994
23/05/2045 00:00:00	♁	22°59'10" ♋	14°32'30"	00°43'45"	00°01'14"	18.493
23/05/2045 00:00:00	♆	15°13'08" ♉	14°45'44"	-01°42'32"	00°02'10"	30.776
23/05/2045 00:00:00	♁	04°02'52" ♉	-20°46'15"	-11°34'36"	00°00'17"	40.361
23/05/2045 00:00:00	♁	26°43'54" ♉	-12°36'05"	00°00'00"	-00°00'01"	0.003
23/05/2045 00:00:00	♁	12°42'24" ♉	02°29'16"	-04°39'10"	00°01'24"	8.370
23/05/2045 00:00:00	♁	10°19'15" ♉	-19°05'21"	-01°29'37"	00°06'39"	0.003
23/05/2045 00:00:00	T♁	26°43'54" ♉	-12°36'05"	00°00'00"	-00°00'01"	0.003
23/05/2045 00:00:00	T♄	18°06'34" ♉	-25°20'05" ♁	-03°09'10"	00°39'45"	0.003
23/05/2045 00:00:00	X	00°03'57" ♉	05°22'28"	-06°31'37"	00°00'34"	94.341

Ephemerides year 2045

23/05/2045 00:00:00	Y	14°25'29" ♀	11°28'53"	-11°06'53"	00°00'50"	79.831
24/05/2045 00:00:00	☉	03°15'20" ♀	20°48'13"	00°00'00"	00°57'39"	1.013
24/05/2045 00:00:00	☾	09°25'38" ♃	07°00'13"	-01°06'40"	13°57'45"	0.002
24/05/2045 00:00:00	♀	00°50'38" ♀	20°26'29"	00°07'13"	02°10'47"	1.321
24/05/2045 00:00:00	♀	20°18'43" ♀	23°46'41" ○	00°41'54"	01°13'25"	1.623
24/05/2045 00:00:00	♂	28°05'31" ♂	19°49'09"	00°05'22"	00°42'59"	2.487
24/05/2045 00:00:00	♃	10°04'49" ♃	-08°40'26"	-00°57'26"	00°06'44"	5.047
24/05/2045 00:00:00	♅	08°53'55" ♂	-19°49'31"	01°58'41"	-00°04'25"	8.992
24/05/2045 00:00:00	♁	23°00'25" ♁	14°32'03"	00°43'43"	00°01'16"	18.510
24/05/2045 00:00:00	♃	15°15'19" ♂	14°46'21"	-01°42'33"	00°02'10"	30.772
24/05/2045 00:00:00	♃	04°03'08" ♃	-20°46'28"	-11°34'56"	00°00'15"	40.345
24/05/2045 00:00:00	♁	26°43'51" ♁	-12°36'06"	00°00'00"	-00°00'17"	0.003
24/05/2045 00:00:00	♃	12°43'52" ♃	02°29'26"	-04°38'23"	00°01'31"	8.385
24/05/2045 00:00:00	♁	10°25'54" ♁	-19°02'44"	-01°28'46"	00°06'39"	0.003
24/05/2045 00:00:00	T♁	26°43'51" ♁	-12°36'06"	00°00'00"	-00°00'17"	0.003
24/05/2045 00:00:00	T♃	19°31'35" ♂	-25°02'12" ○	-03°03'16"	02°14'31"	0.003
24/05/2045 00:00:00	X	00°04'31" ♂	05°22'39"	-06°31'37"	00°00'33"	94.331
24/05/2045 00:00:00	Y	14°26'20" ♀	11°29'00"	-11°06'51"	00°00'50"	79.834
25/05/2045 00:00:00	☉	04°12'59" ♀	20°59'05"	-00°00'00"	00°57'38"	1.013

Ephemerides year 2045

25/05/2045 00:00:00	♃	23°18'41"	♈	00°34'40"	-02°15'39"	13°48'20"	0.003
25/05/2045 00:00:00	♆	03°01'45"	♈	21°02'59"	00°17'42"	02°11'24"	1.322
25/05/2045 00:00:00	♀	21°32'08"	♈	23°54'03"	♄ 00°44'13"	01°13'23"	1.619
25/05/2045 00:00:00	♂	28°48'29"	♄	19°59'16"	00°06'00"	00°42'56"	2.487
25/05/2045 00:00:00	♃	10°11'29"	♈	-08°38'09"	-00°57'41"	00°06'35"	5.032
25/05/2045 00:00:00	♄	08°49'29"	♄	-19°48'53"	01°58'39"	-00°04'26"	8.990
25/05/2045 00:00:00	♃	23°01'44"	♈	14°31'36"	00°43'41"	00°01'19"	18.526
25/05/2045 00:00:00	♆	15°17'28"	♄	14°46'58"	-01°42'34"	00°02'09"	30.766
25/05/2045 00:00:00	♃	04°03'23"	♈	-20°46'41"	-11°35'17"	00°00'14"	40.329
25/05/2045 00:00:00	♁	26°42'55"	♁	-12°36'25"	00°00'00"	-00°01'46"	0.003
25/05/2045 00:00:00	♃	12°45'26"	♈	02°29'34"	-04°37'36"	00°01'37"	8.400
25/05/2045 00:00:00	♁	10°32'33"	♁	-19°00'06"	-01°27'55"	00°06'38"	0.003
25/05/2045 00:00:00	♁	26°42'55"	♁	-12°36'25"	00°00'00"	-00°01'46"	0.003
25/05/2045 00:00:00	♃	22°37'46"	♈	-24°19'36"	♄ -02°49'46"	03°55'39"	0.003
25/05/2045 00:00:00	X	00°05'05"	♄	05°22'51"	-06°31'37"	00°00'33"	94.322
25/05/2045 00:00:00	Y	14°27'11"	♈	11°29'08"	-11°06'49"	00°00'50"	79.837
26/05/2045 00:00:00	♁	05°10'37"	♈	21°09'35"	-00°00'00"	00°57'36"	1.013
26/05/2045 00:00:00	♃	07°02'17"	♈	-05°47'30"	-03°15'55"	13°38'48"	0.003
26/05/2045 00:00:00	♆	05°13'22"	♈	21°37'39"	00°28'01"	02°11'47"	1.322

Ephemerides year 2045

26/05/2045 00:00:00	♀	22°45'30" ♀	24°00'43" ♀	00°46'32"	01°13'22"	1.616
26/05/2045 00:00:00	♂	29°31'23" ♂	20°09'12"	00°06'38"	00°42'52"	2.488
26/05/2045 00:00:00	♃	10°18'00" ♃	-08°35'55"	-00°57'56"	00°06'26"	5.016
26/05/2045 00:00:00	♄	08°45'03" ♄	-19°48'14"	01°58'36"	-00°04'26"	8.989
26/05/2045 00:00:00	♅	23°03'05" ♅	14°31'07"	00°43'39"	00°01'22"	18.542
26/05/2045 00:00:00	♆	15°19'38" ♆	14°47'34"	-01°42'35"	00°02'08"	30.761
26/05/2045 00:00:00	♁	04°03'37" ♁	-20°46'55"	-11°35'37"	00°00'12"	40.313
26/05/2045 00:00:00	♁	26°40'00" ♁	-12°37'25"	00°00'00"	-00°04'09"	0.003
26/05/2045 00:00:00	♂	12°47'08" ♂	02°29'39"	-04°36'49"	00°01'44"	8.416
26/05/2045 00:00:00	♁	10°39'12" ♁	-18°57'28"	-01°27'04"	00°06'38"	0.003
26/05/2045 00:00:00	T♁	26°40'00" ♁	-12°37'25"	00°00'00"	-00°04'09"	0.003
26/05/2045 00:00:00	T♁	27°12'54" ♁	-23°08'40"	-02°28'47"	05°07'21"	0.003
26/05/2045 00:00:00	X	00°05'38" ♂	05°23'02"	-06°31'38"	00°00'33"	94.312
26/05/2045 00:00:00	Y	14°28'01" ♀	11°29'15"	-11°06'46"	00°00'50"	79.839
27/05/2045 00:00:00	♁	06°08'13" ♀	21°19'42"	-00°00'00"	00°57'35"	1.013
27/05/2045 00:00:00	♃	20°36'11" ♃	-11°48'51"	-04°04'16"	13°28'52"	0.003
27/05/2045 00:00:00	♁	07°25'14" ♀	22°10'17"	00°38'07"	02°11'53"	1.320
27/05/2045 00:00:00	♀	23°58'52" ♀	24°06'41" ♀	00°48'49"	01°13'20"	1.612
27/05/2045 00:00:00	♂	00°14'14" ♀	20°18'56"	00°07'16"	00°42'49"	2.489

Ephemerides year 2045

27/05/2045 00:00:00	♃	10°24'21" ♈	-08°33'45"	-00°58'12"	00°06'16"	5.001
27/05/2045 00:00:00	♃	08°40'36" ♈	-19°47'36"	01°58'33"	-00°04'27"	8.988
27/05/2045 00:00:00	♃	23°04'30" ♈	14°30'37"	00°43'36"	00°01'25"	18.559
27/05/2045 00:00:00	♃	15°21'46" ♈	14°48'10"	-01°42'36"	00°02'08"	30.755
27/05/2045 00:00:00	♃	04°03'49" ♈	-20°47'09"	-11°35'57"	00°00'11"	40.297
27/05/2045 00:00:00	♃	26°34'27" ♈	-12°39'18"	00°00'00"	-00°06'57"	0.003
27/05/2045 00:00:00	♃	12°48'55" ♈	02°29'41"	-04°36'02"	00°01'51"	8.431
27/05/2045 00:00:00	♃	10°45'51" ♈	-18°54'49"	-01°26'13"	00°06'38"	0.003
27/05/2045 00:00:00	♃	26°34'27" ♈	-12°39'18"	00°00'00"	-00°06'57"	0.003
27/05/2045 00:00:00	♃	02°35'36" ♈	-21°34'12"	-02°02'49"	05°29'04"	0.003
27/05/2045 00:00:00	X	00°06'11" ♈	05°23'13"	-06°31'38"	00°00'32"	94.302
27/05/2045 00:00:00	Y	14°28'52" ♈	11°29'23"	-11°06'45"	00°00'50"	79.841
28/05/2045 00:00:00	♃	07°05'47" ♈	21°29'28"	-00°00'00"	00°57'34"	1.013
28/05/2045 00:00:00	♃	03°59'45" ♈	-17°12'38"	-04°38'28"	13°18'05"	0.003
28/05/2045 00:00:00	♃	09°37'03" ♈	22°40'43"	00°47'54"	02°11'43"	1.316
28/05/2045 00:00:00	♃	25°12'12" ♈	24°11'56"	00°51'04"	01°13'19"	1.609
28/05/2045 00:00:00	♃	00°57'02" ♈	20°28'29"	00°07'54"	00°42'46"	2.490
28/05/2045 00:00:00	♃	10°30'33" ♈	-08°31'38"	-00°58'28"	00°06'07"	4.985
28/05/2045 00:00:00	♃	08°36'09" ♈	-19°46'58"	01°58'30"	-00°04'27"	8.988

Ephemerides year 2045

28/05/2045 00:00:00	♃	23°05'57" ♁	14°30'06"	00°43'34"	00°01'28"	18.575
28/05/2045 00:00:00	♃	15°23'54" ♁	14°48'46"	-01°42'37"	00°02'07"	30.749
28/05/2045 00:00:00	♃	04°03'59" ♃	-20°47'24"	-11°36'18"	00°00'09"	40.281
28/05/2045 00:00:00	♁	26°26'09" ♃	-12°42'08"	00°00'00"	-00°09'34"	0.003
28/05/2045 00:00:00	♃	12°50'50" ♃	02°29'41"	-04°35'15"	00°01'57"	8.446
28/05/2045 00:00:00	♁	10°52'30" ♃	-18°52'11"	-01°25'22"	00°06'39"	0.003
28/05/2045 00:00:00	♁	26°26'09" ♃	-12°42'08"	00°00'00"	-00°09'34"	0.003
28/05/2045 00:00:00	♁	07°53'48" ♃	-19°50'10"	-01°35'58"	04°59'29"	0.003
28/05/2045 00:00:00	X	00°06'44" ♁	05°23'24"	-06°31'38"	00°00'32"	94.292
28/05/2045 00:00:00	Y	14°29'43" ♃	11°29'30"	-11°06'43"	00°00'51"	79.843
29/05/2045 00:00:00	♁	08°03'21" ♃	21°38'51"	-00°00'00"	00°57'32"	1.013
29/05/2045 00:00:00	♃	17°12'00" ♃	-21°42'43"	-04°57'10"	13°06'11"	0.003
29/05/2045 00:00:00	♁	11°48'34" ♃	23°08'48"	00°57'20"	02°11'16"	1.311
29/05/2045 00:00:00	♀	26°25'31" ♃	24°16'30"	00°53'17"	01°13'18"	1.605
29/05/2045 00:00:00	♂	01°39'47" ♃	20°37'49"	00°08'32"	00°42'43"	2.490
29/05/2045 00:00:00	♃	10°36'36" ♃	-08°29'35"	-00°58'43"	00°05'58"	4.969
29/05/2045 00:00:00	♃	08°31'41" ♃	-19°46'20"	01°58'27"	-00°04'27"	8.987
29/05/2045 00:00:00	♃	23°07'28" ♁	14°29'34"	00°43'32"	00°01'31"	18.591
29/05/2045 00:00:00	♃	15°26'02" ♁	14°49'21"	-01°42'38"	00°02'07"	30.743

Ephemerides year 2045

29/05/2045 00:00:00	♁	04°04'09" ♈	-20°47'39"	-11°36'38"	00°00'08"	40.265
29/05/2045 00:00:00	♁	26°15'31" ♋	-12°45'44"	00°00'00"	-00°11'31"	0.003
29/05/2045 00:00:00	♊	12°52'51" ♉	02°29'38"	-04°34'29"	00°02'04"	8.462
29/05/2045 00:00:00	♋	10°59'09" ♋	-18°49'32"	-01°24'31"	00°06'39"	0.003
29/05/2045 00:00:00	♁	26°15'31" ♋	-12°45'44"	00°00'00"	-00°11'31"	0.003
29/05/2045 00:00:00	♋	12°21'37" ♋	-18°14'57"	-01°12'27"	03°51'11"	0.003
29/05/2045 00:00:00	♁	00°07'16" ♈	05°23'35"	-06°31'39"	00°00'32"	94.282
29/05/2045 00:00:00	♁	14°30'34" ♉	11°29'37"	-11°06'41"	00°00'51"	79.845
30/05/2045 00:00:00	♁	09°00'53" ♉	21°47'52"	-00°00'00"	00°57'31"	1.014
30/05/2045 00:00:00	♁	00°11'45" ♈	-25°04'25"	0-05°00'05"	12°53'09"	0.003
30/05/2045 00:00:00	♋	13°59'30" ♉	23°34'23"	01°06'18"	02°10'33"	1.305
30/05/2045 00:00:00	♋	27°38'48" ♉	24°20'21"	00°55'29"	01°13'16"	1.602
30/05/2045 00:00:00	♈	02°22'29" ♉	20°46'57"	00°09'10"	00°42'40"	2.491
30/05/2045 00:00:00	♈	10°42'29" ♈	-08°27'36"	-00°58'59"	00°05'48"	4.954
30/05/2045 00:00:00	♈	08°27'14" ♈	-19°45'42"	01°58'23"	-00°04'27"	8.987
30/05/2045 00:00:00	♈	23°09'01" ♋	14°29'02"	00°43'30"	00°01'34"	18.607
30/05/2045 00:00:00	♈	15°28'09" ♈	14°49'57"	-01°42'40"	00°02'06"	30.737
30/05/2045 00:00:00	♁	04°04'16" ♈	-20°47'55"	-11°36'58"	00°00'06"	40.249
30/05/2045 00:00:00	♁	26°03'26" ♋	-12°49'49"	00°00'00"	-00°12'27"	0.003

Ephemerides year 2045

30/05/2045 00:00:00	♄	12°54'58" ♍	02°29'33"	-04°33'42"	00°02'10"	8.477
30/05/2045 00:00:00	♁	11°05'48" ♋	-18°46'52"	-01°23'40"	00°06'39"	0.003
30/05/2045 00:00:00	♅	26°03'26" ♋	-12°49'49"	00°00'00"	-00°12'27"	0.003
30/05/2045 00:00:00	♁	15°29'46" ♋	-17°04'02"	-00°55'16"	02°23'45"	0.003
30/05/2045 00:00:00	X	00°07'49" ♄	05°23'45"	-06°31'39"	00°00'31"	94.271
30/05/2045 00:00:00	Y	14°31'26" ♀	11°29'44"	-11°06'40"	00°00'51"	79.846
31/05/2045 00:00:00	♁	09°58'24" ♀	21°56'30"	-00°00'00"	00°57'30"	1.014
31/05/2045 00:00:00	♃	12°58'01" ♄	-27°06'26"	0-04°47'47"	12°39'18"	0.003
31/05/2045 00:00:00	♁	16°09'35" ♀	23°57'21"	0 01°14'47"	02°09'34"	1.297
31/05/2045 00:00:00	♁	28°52'04" ♀	24°23'29"	0 00°57'39"	01°13'15"	1.598
31/05/2045 00:00:00	♁	03°05'08" ♀	20°55'53"	00°09'48"	00°42'37"	2.491
31/05/2045 00:00:00	♁	10°48'13" ♄	-08°25'40"	-00°59'15"	00°05'38"	4.938
31/05/2045 00:00:00	♁	08°22'46" ♄	-19°45'04"	01°58'19"	-00°04'27"	8.987
31/05/2045 00:00:00	♁	23°10'38" ♄	14°28'28"	00°43'28"	00°01'37"	18.623
31/05/2045 00:00:00	♁	15°30'15" ♄	14°50'32"	-01°42'41"	00°02'05"	30.730
31/05/2045 00:00:00	♁	04°04'23" ♄	-20°48'11"	-11°37'19"	00°00'05"	40.234
31/05/2045 00:00:00	♁	25°51'01" ♋	-12°54'01"	00°00'00"	-00°12'12"	0.003
31/05/2045 00:00:00	♄	12°57'13" ♍	02°29'25"	-04°32'56"	00°02'17"	8.493
31/05/2045 00:00:00	♁	11°12'28" ♋	-18°44'13"	-01°22'49"	00°06'39"	0.003

Ephemerides year 2045

31/05/2045 00:00:00	T♄	25°51'01" ♊	-12°54'01"	00°00'00"	-00°12'12"	0.003
31/05/2045 00:00:00	T♄	17°10'00" ♊	-16°24'40"	-00°45'34"	00°58'53"	0.003
31/05/2045 00:00:00	X	00°08'20" ♋	05°23'56"	-06°31'40"	00°00'31"	94.260
31/05/2045 00:00:00	Y	14°32'17" ♋	11°29'51"	-11°06'38"	00°00'51"	79.848
01/06/2045 00:00:00	♁	10°55'54" ♋	22°04'45"	-00°00'00"	00°57'29"	1.014
01/06/2045 00:00:00	♂	25°30'19" ♋	-27°43'03"	0-04°21'40"	12°25'20"	0.003
01/06/2045 00:00:00	♀	18°18'34" ♋	24°17'39"	0 01°22'42"	02°08'20"	1.288
01/06/2045 00:00:00	♀	00°05'19" ♋	24°25'54"	0 00°59'47"	01°13'14"	1.594
01/06/2045 00:00:00	♂	03°47'43" ♋	21°04'37"	00°10'26"	00°42'34"	2.492
01/06/2045 00:00:00	♃	10°53'47" ♋	-08°23'48"	-00°59'31"	00°05'29"	4.922
01/06/2045 00:00:00	♃	08°18'19" ♋	-19°44'27"	01°58'15"	-00°04'26"	8.988
01/06/2045 00:00:00	♃	23°12'17" ♋	14°27'54"	00°43'26"	00°01'40"	18.639
01/06/2045 00:00:00	♃	15°32'20" ♋	14°51'07"	-01°42'42"	00°02'05"	30.723
01/06/2045 00:00:00	♃	04°04'27" ♋	-20°48'28"	-11°37'39"	00°00'04"	40.218
01/06/2045 00:00:00	♁	25°39'23" ♊	-12°57'57"	00°00'00"	-00°10'52"	0.003
01/06/2045 00:00:00	♃	12°59'33" ♋	02°29'14"	-04°32'09"	00°02'23"	8.508
01/06/2045 00:00:00	♃	11°19'07" ♊	-18°41'33"	-01°21'58"	00°06'39"	0.003
01/06/2045 00:00:00	T♄	25°39'23" ♊	-12°57'57"	00°00'00"	-00°10'52"	0.003
01/06/2045 00:00:00	T♄	17°34'46" ♊	-16°14'10"	-00°42'28"	-00°04'37"	0.003

Ephemerides year 2045

01/06/2045 00:00:00	X	00°08'52" ♃	05°24'06"	-06°31'41"	00°00'31"	94.249
01/06/2045 00:00:00	Y	14°33'09" ♌	11°29'57"	-11°06'37"	00°00'51"	79.848
02/06/2045 00:00:00	☉	11°53'23" ♌	22°12'37"	-00°00'00"	00°57'28"	1.014
02/06/2045 00:00:00	☾	07°48'58" ♌	-26°55'32"	0-03°43'38"	12°12'12"	0.003
02/06/2045 00:00:00	♀	20°26'12" ♌	24°35'13"	0 01°30'00"	02°06'53"	1.278
02/06/2045 00:00:00	♀	01°18'32" ♉	24°27'36"	0 01°01'52"	01°13'12"	1.591
02/06/2045 00:00:00	♂	04°30'16" ♌	21°13'09"	00°11'04"	00°42'31"	2.492
02/06/2045 00:00:00	♃	10°59'11" ♌	-08°22'00"	-00°59'47"	00°05'19"	4.907
02/06/2045 00:00:00	♅	08°13'53" ♌	-19°43'49"	01°58'11"	-00°04'26"	8.989
02/06/2045 00:00:00	♁	23°13'59" ♌	14°27'18"	00°43'24"	00°01'43"	18.655
02/06/2045 00:00:00	♃	15°34'25" ♃	14°51'41"	-01°42'44"	00°02'04"	30.716
02/06/2045 00:00:00	♁	04°04'31" ♌	-20°48'46"	-11°37'59"	00°00'02"	40.202
02/06/2045 00:00:00	♁	25°29'32" ♋	-13°01'16"	00°00'00"	-00°08'43"	0.003
02/06/2045 00:00:00	♁	13°02'00" ♋	02°29'01"	-04°31'23"	00°02'30"	8.523
02/06/2045 00:00:00	♁	11°25'46" ♋	-18°38'53"	-01°21'07"	00°06'39"	0.003
02/06/2045 00:00:00	T♁	25°29'32" ♋	-13°01'16"	00°00'00"	-00°08'43"	0.003
02/06/2045 00:00:00	T♁	17°11'12" ♋	-16°22'34"	-00°43'45"	-00°37'14"	0.003
02/06/2045 00:00:00	X	00°09'23" ♃	05°24'16"	-06°31'41"	00°00'30"	94.238
02/06/2045 00:00:00	Y	14°34'00" ♌	11°30'04"	-11°06'36"	00°00'51"	79.849

Ephemerides year 2045

03/06/2045 00:00:00	☉	12°50'51" ♀	22°20'06"	-00°00'00"	00°57'27"	1.014
03/06/2045 00:00:00	☾	19°55'21" ♂	-24°51'26"	o-02°55'56"	12°00'56"	0.003
03/06/2045 00:00:00	♃	22°32'16" ♀	24°50'01"	o 01°36'40"	02°05'13"	1.267
03/06/2045 00:00:00	♄	02°31'45" ♀	24°28'35"	o 01°03'56"	01°13'11"	1.587
03/06/2045 00:00:00	♅	05°12'45" ♀	21°21'28"	00°11'42"	00°42'27"	2.493
03/06/2045 00:00:00	♆	11°04'25" ♂	-08°20'16"	-01°00'04"	00°05'09"	4.891
03/06/2045 00:00:00	♇	08°09'26" ♂	-19°43'12"	01°58'06"	-00°04'26"	8.990
03/06/2045 00:00:00	♈	23°15'44" ♂	14°26'42"	00°43'22"	00°01'46"	18.671
03/06/2045 00:00:00	♉	15°36'29" ♂	14°52'16"	-01°42'45"	00°02'03"	30.708
03/06/2045 00:00:00	♊	04°04'32" ♂	-20°49'04"	-11°38'20"	00°00'01"	40.186
03/06/2045 00:00:00	♋	25°22'05" ♀	-13°03'46"	00°00'00"	-00°06'07"	0.003
03/06/2045 00:00:00	♌	13°04'34" ♀	02°28'46"	-04°30'37"	00°02'36"	8.539
03/06/2045 00:00:00	♍	11°32'25" ♀	-18°36'13"	-01°20'15"	00°06'39"	0.003
03/06/2045 00:00:00	T♎	25°22'05" ♀	-13°03'46"	00°00'00"	-00°06'07"	0.003
03/06/2045 00:00:00	T♏	16°29'36" ♀	-16°38'06"	-00°46'50"	-00°42'14"	0.003
03/06/2045 00:00:00	X	00°09'53" ♂	05°24'26"	-06°31'42"	00°00'30"	94.226
03/06/2045 00:00:00	Y	14°34'52" ♀	11°30'10"	-11°06'35"	00°00'51"	79.849
04/06/2045 00:00:00	☉	13°48'19" ♀	22°27'12"	-00°00'00"	00°57'26"	1.014
04/06/2045 00:00:00	☾	01°51'50" ♀	-21°42'22"	-02°00'57"	11°52'35"	0.003

Ephemerides year 2045

04/06/2045 00:00:00	♀	24°36'36" ♀	25°02'05" ♀	01°42'38" ♀	02°03'23" ♀	1.254
04/06/2045 00:00:00	♀	03°44'55" ♀	24°28'51" ♀	01°05'57" ♀	01°13'10" ♀	1.583
04/06/2045 00:00:00	♂	05°55'12" ♀	21°29'35" ♀	00°12'19" ♀	00°42'24" ♀	2.493
04/06/2045 00:00:00	♂	11°09'30" ♀	-08°18'35" ♀	-01°00'20" ♀	00°04'59" ♀	4.876
04/06/2045 00:00:00	♂	08°05'00" ♀	-19°42'35" ♀	01°58'02" ♀	-00°04'25" ♀	8.992
04/06/2045 00:00:00	♂	23°17'31" ♀	14°26'04" ♀	00°43'20" ♀	00°01'49" ♀	18.687
04/06/2045 00:00:00	♂	15°38'32" ♀	14°52'49" ♀	-01°42'47" ♀	00°02'02" ♀	30.701
04/06/2045 00:00:00	♂	04°04'33" ♀	-20°49'23" ♀	-11°38'40" ♀	-00°00'00" ♀	40.171
04/06/2045 00:00:00	♂	25°17'16" ♀	-13°05'23" ♀	00°00'00" ♀	-00°03'32" ♀	0.003
04/06/2045 00:00:00	♂	13°07'13" ♀	02°28'27" ♀	-04°29'51" ♀	00°02'42" ♀	8.554
04/06/2045 00:00:00	♂	11°39'04" ♀	-18°33'33" ♀	-01°19'24" ♀	00°06'39" ♀	0.003
04/06/2045 00:00:00	♂	25°17'16" ♀	-13°05'23" ♀	00°00'00" ♀	-00°03'32" ♀	0.003
04/06/2045 00:00:00	♂	15°51'48" ♀	-16°52'18" ♀	-00°49'50" ♀	-00°32'03" ♀	0.003
04/06/2045 00:00:00	X	00°10'23" ♀	05°24'35" ♀	-06°31'43" ♀	00°00'29" ♀	94.214
04/06/2045 00:00:00	Y	14°35'44" ♀	11°30'16" ♀	-11°06'34" ♀	00°00'51" ♀	79.849
05/06/2045 00:00:00	♂	14°45'45" ♀	22°33'54" ♀	00°00'00" ♀	00°57'26" ♀	1.015
05/06/2045 00:00:00	♂	13°41'50" ♀	-17°41'10" ♀	-01°01'04" ♀	11°48'05" ♀	0.003
05/06/2045 00:00:00	♀	26°39'00" ♀	25°11'26" ♀	01°47'54" ♀	02°01'24" ♀	1.241
05/06/2045 00:00:00	♀	04°58'05" ♀	24°28'24" ♀	01°07'55" ♀	01°13'08" ♀	1.579

Ephemerides year 2045

05/06/2045 00:00:00	♂	06°37'35" ♀	21°37'30"	00°12'57"	00°42'21"	2.494
05/06/2045 00:00:00	♃	11°14'24" ♄	-08°16'58"	-01°00'36"	00°04'48"	4.860
05/06/2045 00:00:00	♅	08°00'35" ♁	-19°41'58"	01°57'57"	-00°04'24"	8.993
05/06/2045 00:00:00	♁	23°19'22" ♃	14°25'26"	00°43'18"	00°01'51"	18.702
05/06/2045 00:00:00	♃	15°40'34" ♁	14°53'23"	-01°42'48"	00°02'01"	30.693
05/06/2045 00:00:00	♁	04°04'31" ♄	-20°49'42"	-11°39'00"	-00°00'01"	40.155
05/06/2045 00:00:00	♁	25°14'51" ♄	-13°06'12"	00°00'00"	-00°01'22"	0.003
05/06/2045 00:00:00	♃	13°09'59" ♁	02°28'07"	-04°29'06"	00°02'49"	8.570
05/06/2045 00:00:00	♁	11°45'43" ♄	-18°30'52"	-01°18'33"	00°06'39"	0.003
05/06/2045 00:00:00	♁	25°14'51" ♄	-13°06'12"	00°00'00"	-00°01'22"	0.003
05/06/2045 00:00:00	♁	15°25'50" ♄	-17°02'05"	-00°52'00"	-00°20'41"	0.003
05/06/2045 00:00:00	X	00°10'53" ♁	05°24'45"	-06°31'44"	00°00'29"	94.202
05/06/2045 00:00:00	Y	14°36'35" ♀	11°30'23"	-11°06'34"	00°00'51"	79.849
06/06/2045 00:00:00	♁	15°43'11" ♀	22°40'12"	00°00'00"	00°57'25"	1.015
06/06/2045 00:00:00	♁	25°29'34" ♄	-12°59'58"	00°01'21"	11°48'12"	0.003
06/06/2045 00:00:00	♁	28°39'21" ♀	25°18'07" ○	01°52'25"	01°59'17"	1.227
06/06/2045 00:00:00	♀	06°11'13" ♄	24°27'14" ○	01°09'51"	01°13'07"	1.575
06/06/2045 00:00:00	♂	07°19'56" ♀	21°45'12"	00°13'34"	00°42'18"	2.494
06/06/2045 00:00:00	♃	11°19'08" ♄	-08°15'26"	-01°00'53"	00°04'38"	4.844

Ephemerides year 2045

06/06/2045 00:00:00	♃	07°56'11" ♈	-19°41'21"	01°57'51"	-00°04'23"	8.995
06/06/2045 00:00:00	♃	23°21'15" ♈	14°24'47"	00°43'16"	00°01'54"	18.718
06/06/2045 00:00:00	♃	15°42'35" ♈	14°53'56"	-01°42'50"	00°02'00"	30.685
06/06/2045 00:00:00	♃	04°04'29" ♈	-20°50'01"	-11°39'20"	-00°00'03"	40.139
06/06/2045 00:00:00	♃	25°14'15" ♈	-13°06'24"	00°00'00"	00°00'01"	0.003
06/06/2045 00:00:00	♃	13°12'52" ♈	02°27'43"	-04°28'20"	00°02'55"	8.585
06/06/2045 00:00:00	♃	11°52'22" ♈	-18°28'12"	-01°17'41"	00°06'38"	0.003
06/06/2045 00:00:00	♃	25°14'15" ♈	-13°06'24"	00°00'00"	00°00'01"	0.003
06/06/2045 00:00:00	♃	15°07'17" ♈	-17°09'09"	-00°53'40"	-00°18'32"	0.003
06/06/2045 00:00:00	X	00°11'22" ♈	05°24'54"	-06°31'44"	00°00'28"	94.190
06/06/2045 00:00:00	Y	14°37'27" ♈	11°30'29"	-11°06'33"	00°00'51"	79.849
07/06/2045 00:00:00	♃	16°40'36" ♈	22°46'07"	00°00'00"	00°57'24"	1.015
07/06/2045 00:00:00	♃	07°19'57" ♈	-07°49'30"	01°04'03"	11°53'26"	0.003
07/06/2045 00:00:00	♃	00°37'32" ♈	25°22'13" ♁	01°56'12"	01°57'03"	1.212
07/06/2045 00:00:00	♃	07°24'20" ♈	24°25'20" ♁	01°11'45"	01°13'06"	1.571
07/06/2045 00:00:00	♃	08°02'13" ♈	21°52'42"	00°14'12"	00°42'15"	2.495
07/06/2045 00:00:00	♃	11°23'41" ♈	-08°13'57"	-01°01'09"	00°04'28"	4.829
07/06/2045 00:00:00	♃	07°51'48" ♈	-19°40'45"	01°57'46"	-00°04'22"	8.998
07/06/2045 00:00:00	♃	23°23'11" ♈	14°24'07"	00°43'14"	00°01'57"	18.733

Ephemerides year 2045

07/06/2045 00:00:00	♁	15°44'35"	♄	14°54'29"	-01°42'52"	00°01'59"	30.676
07/06/2045 00:00:00	♁	04°04'24"	♃	-20°50'22"	-11°39'40"	-00°00'05"	40.124
07/06/2045 00:00:00	♁	25°14'35"	♁	-13°06'17"	00°00'00"	00°00'27"	0.003
07/06/2045 00:00:00	♁	13°15'50"	♃	02°27'17"	-04°27'35"	00°03'01"	8.601
07/06/2045 00:00:00	♁	11°59'01"	♁	-18°25'31"	-01°16'50"	00°06'38"	0.003
07/06/2045 00:00:00	T♁	25°14'35"	♁	-13°06'17"	00°00'00"	00°00'27"	0.003
07/06/2045 00:00:00	T♁	14°43'44"	♁	-17°18'07"	-00°55'48"	-00°31'15"	0.003
07/06/2045 00:00:00	X	00°11'51"	♄	05°25'03"	-06°31'45"	00°00'28"	94.178
07/06/2045 00:00:00	Y	14°38'18"	♁	11°30'34"	-11°06'33"	00°00'51"	79.848
08/06/2045 00:00:00	♁	17°38'00"	♁	22°51'37"	00°00'00"	00°57'24"	1.015
08/06/2045 00:00:00	♁	19°18'16"	♃	-02°19'15"	02°04'40"	12°04'05"	0.003
08/06/2045 00:00:00	♁	02°33'27"	♁	25°23'49"	♁ 01°59'12"	01°54'45"	1.196
08/06/2045 00:00:00	♁	08°37'26"	♁	24°22'44"	♁ 01°13'36"	01°13'05"	1.567
08/06/2045 00:00:00	♁	08°44'27"	♁	21°59'59"	00°14'49"	00°42'12"	2.495
08/06/2045 00:00:00	♁	11°28'04"	♃	-08°12'32"	-01°01'26"	00°04'17"	4.813
08/06/2045 00:00:00	♁	07°47'26"	♃	-19°40'09"	01°57'40"	-00°04'21"	9.000
08/06/2045 00:00:00	♁	23°25'09"	♁	14°23'26"	00°43'12"	00°01'59"	18.748
08/06/2045 00:00:00	♁	15°46'34"	♄	14°55'02"	-01°42'53"	00°01'58"	30.668
08/06/2045 00:00:00	♁	04°04'19"	♃	-20°50'42"	-11°40'00"	-00°00'06"	40.108

Ephemerides year 2045

08/06/2045 00:00:00	♁	25°14'49" ♁	-13°06'13"	00°00'00"	-00°00'08"	0.003
08/06/2045 00:00:00	♋	13°18'55" ♎	02°26'49"	-04°26'50"	00°03'07"	8.616
08/06/2045 00:00:00	♌	12°05'40" ♁	-18°22'49"	-01°15'59"	00°06'38"	0.003
08/06/2045 00:00:00	♁	25°14'49" ♁	-13°06'13"	00°00'00"	-00°00'08"	0.003
08/06/2045 00:00:00	♌	13°59'22" ♁	-17°34'48"	-00°59'43"	-01°00'01"	0.003
08/06/2045 00:00:00	X	00°12'19" ♄	05°25'12"	-06°31'46"	00°00'28"	94.165
08/06/2045 00:00:00	Y	14°39'10" ♀	11°30'40"	-11°06'33"	00°00'51"	79.847
09/06/2045 00:00:00	♁	18°35'24" ♀	22°56'44"	00°00'00"	00°57'23"	1.015
09/06/2045 00:00:00	♃	01°29'54" ♄	03°21'34"	03°00'44"	12°20'02"	0.003
09/06/2045 00:00:00	♌	04°27'02" ♁	25°23'01"	02°01'27"	01°52'23"	1.180
09/06/2045 00:00:00	♍	09°50'30" ♁	24°19'25"	01°15'24"	01°13'03"	1.563
09/06/2045 00:00:00	♎	09°26'39" ♀	22°07'04"	00°15'27"	00°42'09"	2.495
09/06/2045 00:00:00	♏	11°32'17" ♃	-08°11'11"	-01°01'43"	00°04'07"	4.798
09/06/2045 00:00:00	♐	07°43'05" ♄	-19°39'33"	01°57'34"	-00°04'20"	9.003
09/06/2045 00:00:00	♑	23°27'11" ♁	14°22'44"	00°43'10"	00°02'02"	18.763
09/06/2045 00:00:00	♒	15°48'33" ♄	14°55'34"	-01°42'55"	00°01'57"	30.659
09/06/2045 00:00:00	♓	04°04'11" ♃	-20°51'03"	-11°40'20"	-00°00'08"	40.093
09/06/2045 00:00:00	♁	25°13'59" ♁	-13°06'29"	00°00'00"	-00°01'38"	0.003
09/06/2045 00:00:00	♋	13°22'05" ♎	02°26'18"	-04°26'05"	00°03'13"	8.632

Ephemerides year 2045

09/06/2045 00:00:00	☾	12°12'19" ♊	-18°20'08"	-01°15'07"	00°06'38"	0.003
09/06/2045 00:00:00	♄♁	25°13'59" ♋	-13°06'29"	00°00'00"	-00°01'38"	0.003
09/06/2045 00:00:00	♄☾	12°39'26" ♋	-18°04'16"	-01°06'34"	-01°41'23"	0.003
09/06/2045 00:00:00	X	00°12'47" ♄	05°25'20"	-06°31'47"	00°00'27"	94.153
09/06/2045 00:00:00	Y	14°40'01" ♋	11°30'46"	-11°06'32"	00°00'51"	79.846
10/06/2045 00:00:00	☉	19°32'47" ♋	23°01'26"	00°00'00"	00°57'22"	1.015
10/06/2045 00:00:00	☾	13°59'57" ♄	09°02'47"	03°49'37"	12°40'46"	0.003
10/06/2045 00:00:00	♀	06°18'12" ♋	25°19'55" ♁	02°02'56"	01°49'57"	1.164
10/06/2045 00:00:00	♀	11°03'33" ♋	24°15'22" ♁	01°17'09"	01°13'02"	1.558
10/06/2045 00:00:00	♂	10°08'47" ♋	22°13'56"	00°16'04"	00°42'06"	2.495
10/06/2045 00:00:00	♃	11°36'19" ♋	-08°09'55"	-01°02'00"	00°03'56"	4.782
10/06/2045 00:00:00	♃	07°38'45" ♄	-19°38'57"	01°57'28"	-00°04'18"	9.007
10/06/2045 00:00:00	♃	23°29'14" ♄	14°22'02"	00°43'08"	00°02'05"	18.779
10/06/2045 00:00:00	♃	15°50'30" ♄	14°56'06"	-01°42'57"	00°01'56"	30.650
10/06/2045 00:00:00	♃	04°04'03" ♄	-20°51'25"	-11°40'40"	-00°00'09"	40.078
10/06/2045 00:00:00	♁	25°11'20" ♋	-13°07'22"	00°00'00"	-00°03'44"	0.003
10/06/2045 00:00:00	♃	13°25'22" ♄	02°25'44"	-04°25'20"	00°03'20"	8.647
10/06/2045 00:00:00	☾	12°18'58" ♋	-18°17'26"	-01°14'16"	00°06'38"	0.003
10/06/2045 00:00:00	♄♁	25°11'20" ♋	-13°07'22"	00°00'00"	-00°03'44"	0.003

Ephemerides year 2045

10/06/2045 00:00:00	T♄	10°35'19" ♊	-18°48'51"	-01°17'01"	-02°26'26"	0.003
10/06/2045 00:00:00	X	00°13'14" ♉	05°25'28"	-06°31'48"	00°00'27"	94.140
10/06/2045 00:00:00	Y	14°40'53" ♋	11°30'51"	-11°06'32"	00°00'51"	79.844
11/06/2045 00:00:00	☉	20°30'10" ♋	23°05'44"	00°00'00"	00°57'22"	1.015
11/06/2045 00:00:00	☾	26°52'40" ♋	14°31'34"	04°28'26"	13°05'10"	0.003
11/06/2045 00:00:00	♀	08°06'56" ♋	25°14'38" ♋	02°03'40"	01°47'29"	1.147
11/06/2045 00:00:00	♀	12°16'35" ♋	24°10'38" ♋	01°18'51"	01°13'01"	1.554
11/06/2045 00:00:00	♂	10°50'52" ♋	22°20'35"	00°16'41"	00°42'03"	2.496
11/06/2045 00:00:00	♃	11°40'10" ♋	-08°08'42"	-01°02'17"	00°03'46"	4.767
11/06/2045 00:00:00	♅	07°34'27" ♋	-19°38'22"	01°57'22"	-00°04'17"	9.010
11/06/2045 00:00:00	♁	23°31'21" ♋	14°21'18"	00°43'06"	00°02'07"	18.793
11/06/2045 00:00:00	♃	15°52'27" ♋	14°56'38"	-01°42'59"	00°01'55"	30.640
11/06/2045 00:00:00	♁	04°03'53" ♋	-20°51'47"	-11°41'00"	-00°00'10"	40.062
11/06/2045 00:00:00	♁	25°06'27" ♋	-13°09'01"	00°00'00"	-00°06'02"	0.003
11/06/2045 00:00:00	♁	13°28'46" ♋	02°25'08"	-04°24'35"	00°03'26"	8.662
11/06/2045 00:00:00	♁	12°25'37" ♋	-18°14'44"	-01°13'24"	00°06'38"	0.003
11/06/2045 00:00:00	T♁	25°06'27" ♋	-13°09'01"	00°00'00"	-00°06'02"	0.003
11/06/2045 00:00:00	T♄	07°49'54" ♋	-19°46'01"	-01°30'38"	-03°01'26"	0.003
11/06/2045 00:00:00	X	00°13'41" ♉	05°25'37"	-06°31'49"	00°00'26"	94.127

Ephemerides year 2045

11/06/2045 00:00:00	Y	14°41'44" ♀	11°30'56"	-11°06'33"	00°00'51"	79.842
12/06/2045 00:00:00	☉	21°27'32" ♀	23°09'37"	00°00'00"	00°57'21"	1.015
12/06/2045 00:00:00	☾	10°10'56" ♂	19°31'03"	04°54'11"	13°31'30"	0.003
12/06/2045 00:00:00	♀	09°53'11" ♁	25°07'18" ♁	02°03'38"	01°45'00"	1.129
12/06/2045 00:00:00	♀	13°29'36" ♁	24°05'11" ♁	01°20'30"	01°13'00"	1.550
12/06/2045 00:00:00	♂	11°32'55" ♀	22°27'01"	00°17'18"	00°42'01"	2.496
12/06/2045 00:00:00	♃	11°43'51" ♃	-08°07'33"	-01°02'34"	00°03'35"	4.751
12/06/2045 00:00:00	♄	07°30'11" ♂	-19°37'47"	01°57'15"	-00°04'15"	9.014
12/06/2045 00:00:00	♅	23°33'30" ♁	14°20'34"	00°43'05"	00°02'10"	18.808
12/06/2045 00:00:00	♆	15°54'22" ♂	14°57'09"	-01°43'01"	00°01'55"	30.631
12/06/2045 00:00:00	♇	04°03'41" ♃	-20°52'10"	-11°41'20"	-00°00'12"	40.047
12/06/2045 00:00:00	♈	24°59'22" ♃	-13°11'23"	00°00'00"	-00°08'03"	0.003
12/06/2045 00:00:00	♉	13°32'15" ♋	02°24'30"	-04°23'51"	00°03'32"	8.678
12/06/2045 00:00:00	♊	12°32'16" ♋	-18°12'02"	-01°12'33"	00°06'38"	0.003
12/06/2045 00:00:00	T♈	24°59'22" ♃	-13°11'23"	00°00'00"	-00°08'03"	0.003
12/06/2045 00:00:00	T♉	04°40'17" ♋	-20°48'18"	-01°45'53"	-03°13'11"	0.003
12/06/2045 00:00:00	X	00°14'07" ♂	05°25'45"	-06°31'51"	00°00'26"	94.113
12/06/2045 00:00:00	Y	14°42'35" ♀	11°31'01"	-11°06'33"	00°00'51"	79.840
13/06/2045 00:00:00	☉	22°24'54" ♀	23°13'06"	00°00'00"	00°57'21"	1.016

Ephemerides year 2045

13/06/2045 00:00:00	♃	23°55'33" ♄	23°39'24" ○	05°04'06"	13°57'26"	0.003
13/06/2045 00:00:00	♆	11°36'56" ♁	24°58'02" ○	02°02'51"	01°42'28"	1.112
13/06/2045 00:00:00	♀	14°42'36" ♁	23°59'01" ○	01°22'06"	01°12'59"	1.545
13/06/2045 00:00:00	♂	12°14'54" ♀	22°33'15"	00°17'55"	00°41'58"	2.496
13/06/2045 00:00:00	♃	11°47'21" ♃	-08°06'29"	-01°02'51"	00°03'24"	4.736
13/06/2045 00:00:00	♄	07°25'56" ♃	-19°37'13"	01°57'08"	-00°04'13"	9.018
13/06/2045 00:00:00	♃	23°35'42" ♃	14°19'48"	00°43'03"	00°02'13"	18.823
13/06/2045 00:00:00	♃	15°56'17" ♄	14°57'40"	-01°43'02"	00°01'54"	30.621
13/06/2045 00:00:00	♃	04°03'28" ♃	-20°52'33"	-11°41'40"	-00°00'13"	40.032
13/06/2045 00:00:00	♃	24°50'35" ♃	-13°14'19"	00°00'00"	-00°09'21"	0.003
13/06/2045 00:00:00	♃	13°35'50" ♃	02°23'49"	-04°23'07"	00°03'38"	8.693
13/06/2045 00:00:00	♃	12°38'55" ♃	-18°09'19"	-01°11'41"	00°06'39"	0.003
13/06/2045 00:00:00	♃	24°50'35" ♃	-13°14'19"	00°00'00"	-00°09'21"	0.003
13/06/2045 00:00:00	♃	01°32'45" ♃	-21°46'16"	-02°00'33"	-02°57'47"	0.003
13/06/2045 00:00:00	X	00°14'34" ♄	05°25'52"	-06°31'52"	00°00'25"	94.100
13/06/2045 00:00:00	Y	14°43'27" ♀	11°31'06"	-11°06'33"	00°00'51"	79.838
14/06/2045 00:00:00	♃	23°22'15" ♀	23°16'10"	00°00'00"	00°57'20"	1.016
14/06/2045 00:00:00	♃	08°04'47" ♀	26°31'08" ○	04°56'00"	14°20'17"	0.002
14/06/2045 00:00:00	♆	13°18'09" ♁	24°46'57" ○	02°01'19"	01°39'56"	1.094

Ephemerides year 2045

14/06/2045 00:00:00	♀	15°55'34" ♃	23°52'10" ♁	01°23'39"	01°12'57"	1.541
14/06/2045 00:00:00	♂	12°56'51" ♁	22°39'15"	00°18'32"	00°41'55"	2.496
14/06/2045 00:00:00	♃	11°50'40" ♃	-08°05'29"	-01°03'08"	00°03'13"	4.720
14/06/2045 00:00:00	♃	07°21'43" ♃	-19°36'39"	01°57'01"	-00°04'11"	9.022
14/06/2045 00:00:00	♃	23°37'57" ♃	14°19'02"	00°43'01"	00°02'15"	18.837
14/06/2045 00:00:00	♃	15°58'10" ♃	14°58'10"	-01°43'04"	00°01'52"	30.611
14/06/2045 00:00:00	♃	04°03'14" ♃	-20°52'57"	-11°41'59"	-00°00'15"	40.017
14/06/2045 00:00:00	♃	24°41'00" ♃	-13°17'31"	00°00'00"	-00°09'37"	0.003
14/06/2045 00:00:00	♃	13°39'32" ♃	02°23'05"	-04°22'23"	00°03'44"	8.708
14/06/2045 00:00:00	♃	12°45'34" ♃	-18°06'36"	-01°10'49"	00°06'39"	0.003
14/06/2045 00:00:00	T♃	24°41'00" ♃	-13°17'31"	00°00'00"	-00°09'37"	0.003
14/06/2045 00:00:00	T♃	28°50'41" ♃	-22°33'16"	-02°12'52"	-02°24'44"	0.003
14/06/2045 00:00:00	X	00°14'59" ♃	05°26'00"	-06°31'53"	00°00'25"	94.086
14/06/2045 00:00:00	Y	14°44'18" ♁	11°31'11"	-11°06'34"	00°00'51"	79.835
15/06/2045 00:00:00	♁	24°19'36" ♁	23°18'49"	00°00'00"	00°57'20"	1.016
15/06/2045 00:00:00	♁	22°34'15" ♁	27°42'07" ♁	04°28'56"	14°37'30"	0.002
15/06/2045 00:00:00	♃	14°56'49" ♃	24°34'10" ♁	01°59'04"	01°37'23"	1.076
15/06/2045 00:00:00	♀	17°08'32" ♃	23°44'37" ♁	01°25'08"	01°12'56"	1.536
15/06/2045 00:00:00	♂	13°38'44" ♁	22°45'03"	00°19'09"	00°41'52"	2.496

Ephemerides year 2045

15/06/2045 00:00:00	♃	11°53'48" ♃	-08°04'33"	-01°03'25"	00°03'02"	4.705
15/06/2045 00:00:00	♅	07°17'33" ♃	-19°36'05"	01°56'54"	-00°04'09"	9.027
15/06/2045 00:00:00	♁	23°40'14" ♁	14°18'15"	00°42'59"	00°02'18"	18.852
15/06/2045 00:00:00	♆	16°00'03" ♁	14°58'41"	-01°43'06"	00°01'51"	30.601
15/06/2045 00:00:00	♁	04°02'58" ♃	-20°53'21"	-11°42'19"	-00°00'16"	40.002
15/06/2045 00:00:00	♁	24°31'43" ♃	-13°20'37"	00°00'00"	-00°08'46"	0.003
15/06/2045 00:00:00	♆	13°43'19" ♃	02°22'19"	-04°21'39"	00°03'50"	8.723
15/06/2045 00:00:00	♁	12°52'13" ♃	-18°03'53"	-01°09'58"	00°06'39"	0.003
15/06/2045 00:00:00	♁	24°31'43" ♃	-13°20'37"	00°00'00"	-00°08'46"	0.003
15/06/2045 00:00:00	♁	26°43'27" ♃	-23°08'07"	-02°22'20"	-01°51'02"	0.003
15/06/2045 00:00:00	X	00°15'24" ♁	05°26'07"	-06°31'54"	00°00'24"	94.072
15/06/2045 00:00:00	Y	14°45'09" ♃	11°31'15"	-11°06'35"	00°00'51"	79.832
16/06/2045 00:00:00	♁	25°16'56" ♃	23°21'04"	00°00'00"	00°57'19"	1.016
16/06/2045 00:00:00	♁	07°17'19" ♃	26°57'29"	03°43'45"	14°47'18"	0.002
16/06/2045 00:00:00	♁	16°32'55" ♃	24°19'50"	01°56'06"	01°34'48"	1.058
16/06/2045 00:00:00	♁	18°21'28" ♃	23°36'24"	01°26'34"	01°12'55"	1.532
16/06/2045 00:00:00	♁	14°20'35" ♃	22°50'38"	00°19'46"	00°41'49"	2.496
16/06/2045 00:00:00	♃	11°56'45" ♃	-08°03'41"	-01°03'42"	00°02'51"	4.690
16/06/2045 00:00:00	♅	07°13'25" ♃	-19°35'32"	01°56'47"	-00°04'07"	9.032

Ephemerides year 2045

16/06/2045 00:00:00	♃	23°42'33" ♏	14°17'27"	00°42'57"	00°02'20"	18.866
16/06/2045 00:00:00	♃	16°01'54" ♏	14°59'10"	-01°43'09"	00°01'50"	30.590
16/06/2045 00:00:00	♃	04°02'41" ♃	-20°53'45"	-11°42'39"	-00°00'17"	39.987
16/06/2045 00:00:00	♏	24°23'47" ♃	-13°23'15"	00°00'00"	-00°06'57"	0.003
16/06/2045 00:00:00	♃	13°47'13" ♃	02°21'30"	-04°20'56"	00°03'56"	8.739
16/06/2045 00:00:00	♃	12°58'52" ♃	-18°01'10"	-01°09'06"	00°06'39"	0.003
16/06/2045 00:00:00	♏	24°23'47" ♃	-13°23'15"	00°00'00"	-00°06'57"	0.003
16/06/2045 00:00:00	♃	25°03'49" ♃	-23°34'12" ♁	-02°29'44"	-01°31'22"	0.003
16/06/2045 00:00:00	X	00°15'49" ♏	05°26'14"	-06°31'56"	00°00'24"	94.058
16/06/2045 00:00:00	Y	14°46'00" ♃	11°31'20"	-11°06'36"	00°00'51"	79.829
17/06/2045 00:00:00	♁	26°14'15" ♃	23°22'54"	00°00'00"	00°57'19"	1.016
17/06/2045 00:00:00	♃	22°06'10" ♃	24°18'20" ♁	02°43'10"	14°49'03"	0.002
17/06/2045 00:00:00	♃	18°06'26" ♃	24°04'04" ♁	01°52'26"	01°32'13"	1.040
17/06/2045 00:00:00	♃	19°34'22" ♃	23°27'29" ♁	01°27'56"	01°12'53"	1.527
17/06/2045 00:00:00	♃	15°02'23" ♃	22°56'01"	00°20'22"	00°41'45"	2.496
17/06/2045 00:00:00	♃	11°59'31" ♃	-08°02'54"	-01°03'59"	00°02'40"	4.675
17/06/2045 00:00:00	♃	07°09'19" ♃	-19°34'59"	01°56'39"	-00°04'04"	9.037
17/06/2045 00:00:00	♃	23°44'56" ♏	14°16'38"	00°42'56"	00°02'23"	18.880
17/06/2045 00:00:00	♃	16°03'44" ♏	14°59'40"	-01°43'11"	00°01'49"	30.579

Ephemerides year 2045

17/06/2045 00:00:00	♁	04°02'22" ♉	-20°54'10"	-11°42'58"	-00°00'19"	39.973
17/06/2045 00:00:00	♁	24°17'59" ♉	-13°25'11"	00°00'00"	-00°04'35"	0.003
17/06/2045 00:00:00	♁	13°51'12" ♉	02°20'39"	-04°20'12"	00°04'02"	8.754
17/06/2045 00:00:00	♁	13°05'31" ♉	-17°58'27"	-01°08'14"	00°06'39"	0.003
17/06/2045 00:00:00	♁	24°17'59" ♉	-13°25'11"	00°00'00"	-00°04'35"	0.003
17/06/2045 00:00:00	♁	23°34'03" ♉	-23°56'55" ♁	-02°36'30"	-01°31'18"	0.003
17/06/2045 00:00:00	X	00°16'13" ♉	05°26'21"	-06°31'57"	00°00'23"	94.044
17/06/2045 00:00:00	Y	14°46'52" ♉	11°31'24"	-11°06'37"	00°00'50"	79.825
18/06/2045 00:00:00	♁	27°11'34" ♉	23°24'20"	00°00'00"	00°57'18"	1.016
18/06/2045 00:00:00	♁	06°52'59" ♉	20°01'34"	01°31'36"	14°43'28"	0.002
18/06/2045 00:00:00	♁	19°37'20" ♉	23°46'57" ♁	01°48'04"	01°29'36"	1.022
18/06/2045 00:00:00	♁	20°47'15" ♉	23°17'53"	01°29'15"	01°12'52"	1.523
18/06/2045 00:00:00	♁	15°44'07" ♉	23°01'10"	00°20'59"	00°41'42"	2.496
18/06/2045 00:00:00	♁	12°02'05" ♉	-08°02'11"	-01°04'17"	00°02'28"	4.660
18/06/2045 00:00:00	♁	07°05'15" ♉	-19°34'27"	01°56'31"	-00°04'02"	9.043
18/06/2045 00:00:00	♁	23°47'20" ♉	14°15'49"	00°42'54"	00°02'25"	18.894
18/06/2045 00:00:00	♁	16°05'33" ♉	15°00'09"	-01°43'13"	00°01'48"	30.569
18/06/2045 00:00:00	♁	04°02'02" ♉	-20°54'35"	-11°43'17"	-00°00'20"	39.958
18/06/2045 00:00:00	♁	24°14'36" ♉	-13°26'18"	00°00'00"	-00°02'11"	0.003

Ephemerides year 2045

18/06/2045 00:00:00	♃	13°55'17" ♍	02°19'45"	-04°19'29"	00°04'07"	8.769
18/06/2045 00:00:00	♄	13°12'10" ♋	-17°55'43"	-01°07'22"	00°06'38"	0.003
18/06/2045 00:00:00	♅	24°14'36" ♋	-13°26'18"	00°00'00"	-00°02'11"	0.003
18/06/2045 00:00:00	♆	21°56'39" ♋	-24°20'41" ♏	-02°43'58"	-01°44'29"	0.003
18/06/2045 00:00:00	♁	00°16'37" ♉	05°26'28"	-06°31'59"	00°00'23"	94.030
18/06/2045 00:00:00	♂	14°47'42" ♈	11°31'28"	-11°06'38"	00°00'50"	79.821
19/06/2045 00:00:00	♁	28°08'52" ♈	23°25'20"	00°00'00"	00°57'17"	1.016
19/06/2045 00:00:00	♂	21°31'12" ♋	14°33'25"	00°14'30"	14°32'11"	0.002
19/06/2045 00:00:00	♄	21°05'37" ♋	23°28'39" ♏	01°43'01"	01°26'57"	1.004
19/06/2045 00:00:00	♃	22°00'06" ♋	23°07'38"	01°30'30"	01°12'50"	1.518
19/06/2045 00:00:00	♂	16°25'48" ♈	23°06'06"	00°21'35"	00°41'39"	2.495
19/06/2045 00:00:00	♁	12°04'29" ♈	-08°01'33"	-01°04'34"	00°02'17"	4.645
19/06/2045 00:00:00	♂	07°01'14" ♈	-19°33'56"	01°56'23"	-00°03'59"	9.049
19/06/2045 00:00:00	♃	23°49'47" ♋	14°14'59"	00°42'52"	00°02'27"	18.908
19/06/2045 00:00:00	♃	16°07'21" ♉	15°00'38"	-01°43'15"	00°01'47"	30.557
19/06/2045 00:00:00	♅	04°01'40" ♈	-20°55'01"	-11°43'37"	-00°00'22"	39.944
19/06/2045 00:00:00	♄	24°13'26" ♋	-13°26'41"	00°00'00"	-00°00'15"	0.003
19/06/2045 00:00:00	♃	13°59'27" ♍	02°18'49"	-04°18'47"	00°04'13"	8.784
19/06/2045 00:00:00	♄	13°18'49" ♋	-17°52'59"	-01°06'31"	00°06'38"	0.003

Ephemerides year 2045

19/06/2045 00:00:00	T♄	24°13'26" ♊	-13°26'41"	00°00'00"	-00°00'15"	0.003
19/06/2045 00:00:00	T♄	20°06'32" ♌	-24°46'17" ♍	-02°52'25"	-01°53'05"	0.003
19/06/2045 00:00:00	X	00°17'00" ♌	05°26'35"	-06°32'00"	00°00'22"	94.016
19/06/2045 00:00:00	Y	14°48'33" ♋	11°31'32"	-11°06'39"	00°00'50"	79.817
20/06/2045 00:00:00	☉	29°06'09" ♋	23°25'56"	00°00'00"	00°57'16"	1.016
20/06/2045 00:00:00	☾	05°56'10" ♋	08°21'50"	-01°02'30"	14°17'18"	0.002
20/06/2045 00:00:00	☿	22°31'15" ♋	23°09'14"	01°37'19"	01°24'17"	0.986
20/06/2045 00:00:00	♀	23°12'55" ♋	22°56'43"	01°31'42"	01°12'48"	1.513
20/06/2045 00:00:00	♂	17°07'26" ♋	23°10'50"	00°22'12"	00°41'36"	2.495
20/06/2045 00:00:00	♃	12°06'40" ♋	-08°00'58"	-01°04'52"	00°02'06"	4.630
20/06/2045 00:00:00	♅	06°57'16" ♌	-19°33'25"	01°56'15"	-00°03'57"	9.055
20/06/2045 00:00:00	♁	23°52'16" ♌	14°14'08"	00°42'50"	00°02'30"	18.922
20/06/2045 00:00:00	♆	16°09'07" ♌	15°01'06"	-01°43'17"	00°01'45"	30.546
20/06/2045 00:00:00	♁	04°01'17" ♌	-20°55'28"	-11°43'56"	-00°00'23"	39.929
20/06/2045 00:00:00	♁	24°13'47" ♊	-13°26'34"	00°00'00"	00°00'45"	0.003
20/06/2045 00:00:00	♁	14°03'44" ♋	02°17'50"	-04°18'04"	00°04'19"	8.799
20/06/2045 00:00:00	♁	13°25'28" ♊	-17°50'15"	-01°05'39"	00°06'38"	0.003
20/06/2045 00:00:00	T♄	24°13'47" ♊	-13°26'34"	00°00'00"	00°00'45"	0.003
20/06/2045 00:00:00	T♄	18°19'25" ♌	-25°09'44" ♍	-03°00'31"	-01°35'13"	0.003

Ephemerides year 2045

20/06/2045 00:00:00	X	00°17'22" ♃	05°26'41"	-06°32'02"	00°00'22"	94.001
20/06/2045 00:00:00	Y	14°49'23" ♃	11°31'36"	-11°06'41"	00°00'50"	79.813
21/06/2045 00:00:00	☉	00°03'25" ♃	23°26'07"	-00°00'00"	00°57'15"	1.016
21/06/2045 00:00:00	☾	20°05'16" ♃	01°51'57"	-02°14'20"	14°00'45"	0.002
21/06/2045 00:00:00	♀	23°54'12" ♃	22°48'52"	01°30'57"	01°21'35"	0.969
21/06/2045 00:00:00	♀	24°25'43" ♃	22°45'09"	01°32'50"	01°12'46"	1.508
21/06/2045 00:00:00	♂	17°49'00" ♃	23°15'20"	00°22'48"	00°41'33"	2.495
21/06/2045 00:00:00	♃	12°08'41" ♃	-08°00'28"	-01°05'09"	00°01'54"	4.615
21/06/2045 00:00:00	♃	06°53'20" ♃	-19°32'54"	01°56'06"	-00°03'54"	9.061
21/06/2045 00:00:00	♃	23°54'48" ♃	14°13'16"	00°42'49"	00°02'32"	18.935
21/06/2045 00:00:00	♃	16°10'52" ♃	15°01'34"	-01°43'20"	00°01'44"	30.535
21/06/2045 00:00:00	♃	04°00'53" ♃	-20°55'54"	-11°44'15"	-00°00'25"	39.915
21/06/2045 00:00:00	♃	24°14'37" ♃	-13°26'18"	00°00'00"	00°00'43"	0.003
21/06/2045 00:00:00	♃	14°08'06" ♃	02°16'50"	-04°17'22"	00°04'24"	8.814
21/06/2045 00:00:00	♃	13°32'07" ♃	-17°47'31"	-01°04'47"	00°06'38"	0.003
21/06/2045 00:00:00	T♃	24°14'37" ♃	-13°26'18"	00°00'00"	00°00'43"	0.003
21/06/2045 00:00:00	T♃	17°08'52" ♃	-25°24'24" ○	-03°05'47"	-00°39'42"	0.003
21/06/2045 00:00:00	X	00°17'44" ♃	05°26'47"	-06°32'03"	00°00'21"	93.986
21/06/2045 00:00:00	Y	14°50'13" ♃	11°31'40"	-11°06'42"	00°00'50"	79.808

Ephemerides year 2045

22/06/2045 00:00:00	☉	01°00'40" ♉	23°25'53"	-00°00'00"	00°57'14"	1.016
22/06/2045 00:00:00	☾	03°57'37" ♋	-04°35'03"	-03°16'49"	13°44'00"	0.003
22/06/2045 00:00:00	♋	25°14'25" ♉	22°27'36"	01°23'57"	01°18'50"	0.951
22/06/2045 00:00:00	♌	25°38'29" ♉	22°32'56"	01°33'54"	01°12'45"	1.504
22/06/2045 00:00:00	♍	18°30'32" ♋	23°19'37"	00°23'24"	00°41'29"	2.495
22/06/2045 00:00:00	♎	12°10'30" ♋	-08°00'03"	-01°05'27"	00°01'43"	4.600
22/06/2045 00:00:00	♏	06°49'28" ♎	-19°32'24"	01°55'57"	-00°03'51"	9.068
22/06/2045 00:00:00	♐	23°57'21" ♏	14°12'23"	00°42'47"	00°02'34"	18.949
22/06/2045 00:00:00	♑	16°12'36" ♏	15°02'01"	-01°43'22"	00°01'43"	30.523
22/06/2045 00:00:00	♒	04°00'27" ♏	-20°56'21"	-11°44'33"	-00°00'26"	39.901
22/06/2045 00:00:00	♓	24°14'53" ♏	-13°26'12"	00°00'00"	-00°00'19"	0.003
22/06/2045 00:00:00	♈	14°12'33" ♏	02°15'46"	-04°16'40"	00°04'30"	8.828
22/06/2045 00:00:00	♉	13°38'45" ♏	-17°44'46"	-01°03'55"	00°06'38"	0.003
22/06/2045 00:00:00	♊	24°14'53" ♏	-13°26'12"	00°00'00"	-00°00'19"	0.003
22/06/2045 00:00:00	♋	17°09'52" ♏	-25°24'15"	-03°05'46"	00°44'57"	0.003
22/06/2045 00:00:00	X	00°18'05" ♏	05°26'53"	-06°32'05"	00°00'20"	93.971
22/06/2045 00:00:00	Y	14°51'03" ♋	11°31'43"	-11°06'44"	00°00'49"	79.803
23/06/2045 00:00:00	☉	01°57'55" ♉	23°25'14"	-00°00'00"	00°57'14"	1.016
23/06/2045 00:00:00	☾	17°33'31" ♋	-10°41'25"	-04°06'51"	13°27'56"	0.003

Ephemerides year 2045

23/06/2045 00:00:00	♀	26°31'53" ♉	22°05'36"	01°16'20"	01°16'03"	0.933
23/06/2045 00:00:00	♀	26°51'14" ♉	22°20'04"	01°34'54"	01°12'43"	1.499
23/06/2045 00:00:00	♂	19°12'01" ♋	23°23'42"	00°24'00"	00°41'26"	2.494
23/06/2045 00:00:00	♃	12°12'08" ♋	-07°59'42"	-01°05'44"	00°01'32"	4.585
23/06/2045 00:00:00	♃	06°45'38" ♋	-19°31'55"	01°55'48"	-00°03'48"	9.075
23/06/2045 00:00:00	♃	23°59'57" ♋	14°11'30"	00°42'45"	00°02'37"	18.962
23/06/2045 00:00:00	♃	16°14'19" ♋	15°02'28"	-01°43'24"	00°01'41"	30.511
23/06/2045 00:00:00	♃	03°59'59" ♋	-20°56'49"	-11°44'52"	-00°00'27"	39.887
23/06/2045 00:00:00	♋	24°13'43" ♋	-13°26'36"	00°00'00"	-00°02'06"	0.003
23/06/2045 00:00:00	♋	14°17'06" ♋	02°14'41"	-04°15'58"	00°04'35"	8.843
23/06/2045 00:00:00	♋	13°45'24" ♋	-17°42'01"	-01°03'03"	00°06'38"	0.003
23/06/2045 00:00:00	♋	24°13'43" ♋	-13°26'36"	00°00'00"	-00°02'06"	0.003
23/06/2045 00:00:00	♋	18°41'22" ♋	-25°05'12"	-02°59'02"	02°17'27"	0.003
23/06/2045 00:00:00	X	00°18'26" ♋	05°26'58"	-06°32'06"	00°00'20"	93.956
23/06/2045 00:00:00	Y	14°51'53" ♋	11°31'47"	-11°06'46"	00°00'49"	79.798
24/06/2045 00:00:00	♋	02°55'09" ♋	23°24'10"	-00°00'00"	00°57'13"	1.016
24/06/2045 00:00:00	♋	00°53'52" ♋	-16°11'25"	-04°42'24"	13°12'57"	0.003
24/06/2045 00:00:00	♀	27°46'32" ♋	21°42'56"	01°08'07"	01°13'13"	0.916
24/06/2045 00:00:00	♀	28°03'56" ♋	22°06'35"	01°35'50"	01°12'41"	1.494

Ephemerides year 2045

24/06/2045 00:00:00	♂	19°53'26" ♀	23°27'33" ♁	00°24'36"	00°41'23"	2.494
24/06/2045 00:00:00	♃	12°13'35" ♀	-07°59'25"	-01°06'02"	00°01'20"	4.570
24/06/2045 00:00:00	♅	06°41'52" ♂	-19°31'26"	01°55'39"	-00°03'44"	9.082
24/06/2045 00:00:00	♁	24°02'35" ♁	14°10'36"	00°42'44"	00°02'39"	18.975
24/06/2045 00:00:00	♃	16°16'00" ♂	15°02'54"	-01°43'27"	00°01'40"	30.499
24/06/2045 00:00:00	♁	03°59'31" ♀	-20°57'17"	-11°45'11"	-00°00'29"	39.873
24/06/2045 00:00:00	♁	24°10'33" ♀	-13°27'39"	00°00'00"	-00°04'13"	0.003
24/06/2045 00:00:00	♃	14°21'44" ♀	02°13'33"	-04°15'16"	00°04'41"	8.858
24/06/2045 00:00:00	♁	13°52'03" ♀	-17°39'16"	-01°02'11"	00°06'38"	0.003
24/06/2045 00:00:00	♁	24°10'33" ♀	-13°27'39"	00°00'00"	-00°04'13"	0.003
24/06/2045 00:00:00	♁	21°40'19" ♂	-24°24'47" ♁	-02°45'27"	03°36'50"	0.003
24/06/2045 00:00:00	X	00°18'46" ♂	05°27'04"	-06°32'08"	00°00'19"	93.941
24/06/2045 00:00:00	Y	14°52'43" ♀	11°31'50"	-11°06'48"	00°00'49"	79.793
25/06/2045 00:00:00	♁	03°52'22" ♀	23°22'42"	-00°00'00"	00°57'13"	1.016
25/06/2045 00:00:00	♁	13°59'48" ♀	-20°50'34"	-05°02'26"	12°59'04"	0.003
25/06/2045 00:00:00	♁	28°58'19" ♀	21°19'43"	00°59'18"	01°10'19"	0.899
25/06/2045 00:00:00	♀	29°16'37" ♀	21°52'29"	01°36'42"	01°12'39"	1.489
25/06/2045 00:00:00	♂	20°34'48" ♀	23°31'12" ♁	00°25'12"	00°41'20"	2.494
25/06/2045 00:00:00	♃	12°14'50" ♀	-07°59'12"	-01°06'19"	00°01'09"	4.556

Ephemerides year 2045

25/06/2045 00:00:00	♃	06°38'09" ♃	-19°30'58"	01°55'30"	-00°03'41"	9.089
25/06/2045 00:00:00	♅	24°05'16" ♅	14°09'41"	00°42'42"	00°02'41"	18.988
25/06/2045 00:00:00	♆	16°17'40" ♆	15°03'20"	-01°43'29"	00°01'39"	30.487
25/06/2045 00:00:00	♁	03°59'01" ♁	-20°57'45"	-11°45'29"	-00°00'30"	39.859
25/06/2045 00:00:00	♁	24°05'17" ♁	-13°29'23"	00°00'00"	-00°06'14"	0.003
25/06/2045 00:00:00	♄	14°26'28" ♄	02°12'22"	-04°14'35"	00°04'46"	8.872
25/06/2045 00:00:00	♁	13°58'42" ♁	-17°36'31"	-01°01'19"	00°06'38"	0.003
25/06/2045 00:00:00	♁	24°05'17" ♁	-13°29'23"	00°00'00"	-00°06'14"	0.003
25/06/2045 00:00:00	♁	25°45'54" ♁	-23°22'45"	-02°26'02"	04°28'57"	0.003
25/06/2045 00:00:00	X	00°19'06" ♃	05°27'09"	-06°32'10"	00°00'19"	93.926
25/06/2045 00:00:00	Y	14°53'32" ♃	11°31'53"	-11°06'50"	00°00'49"	79.787
26/06/2045 00:00:00	♃	04°49'35" ♃	23°20'49"	-00°00'00"	00°57'12"	1.016
26/06/2045 00:00:00	♄	26°52'19" ♄	-24°25'29"	-05°06'44"	12°46'06"	0.003
26/06/2045 00:00:00	♅	00°07'10" ♅	20°56'03"	00°49'54"	01°07'22"	0.882
26/06/2045 00:00:00	♆	00°29'16" ♆	21°37'47"	01°37'30"	01°12'38"	1.484
26/06/2045 00:00:00	♁	21°16'08" ♃	23°34'37"	00°25'48"	00°41'17"	2.493
26/06/2045 00:00:00	♁	12°15'54" ♁	-07°59'04"	-01°06'37"	00°00'58"	4.541
26/06/2045 00:00:00	♃	06°34'29" ♃	-19°30'30"	01°55'20"	-00°03'37"	9.097
26/06/2045 00:00:00	♅	24°07'59" ♅	14°08'46"	00°42'41"	00°02'43"	19.000

Ephemerides year 2045

26/06/2045 00:00:00	♁	16°19'19" ♄	15°03'46"	-01°43'32"	00°01'38"	30.474
26/06/2045 00:00:00	♁	03°58'30" ♃	-20°58'14"	-11°45'48"	-00°00'31"	39.846
26/06/2045 00:00:00	♁	23°58'15" ♃	-13°31'43"	00°00'00"	-00°07'44"	0.003
26/06/2045 00:00:00	♁	14°31'17" ♃	02°11'09"	-04°13'54"	00°04'51"	8.887
26/06/2045 00:00:00	♁	14°05'21" ♃	-17°33'46"	-01°00'27"	00°06'38"	0.003
26/06/2045 00:00:00	T♁	23°58'15" ♃	-13°31'43"	00°00'00"	-00°07'44"	0.003
26/06/2045 00:00:00	T♁	00°26'44" ♃	-22°03'05"	-02°02'52"	04°46'45"	0.003
26/06/2045 00:00:00	X	00°19'25" ♄	05°27'14"	-06°32'11"	00°00'18"	93.910
26/06/2045 00:00:00	Y	14°54'21" ♃	11°31'56"	-11°06'52"	00°00'49"	79.781
27/06/2045 00:00:00	♁	05°46'48" ♃	23°18'32"	-00°00'00"	00°57'12"	1.017
27/06/2045 00:00:00	♁	09°32'17" ♃	-26°45'01"	-04°55'51"	12°33'55"	0.003
27/06/2045 00:00:00	♁	01°13'02" ♃	20°32'03"	00°39'57"	01°04'20"	0.865
27/06/2045 00:00:00	♁	01°41'53" ♃	21°22'28"	01°38'14"	01°12'36"	1.479
27/06/2045 00:00:00	♁	21°57'24" ♃	23°37'49"	00°26'24"	00°41'14"	2.493
27/06/2045 00:00:00	♁	12°16'46" ♃	-07°59'00"	-01°06'55"	00°00'46"	4.527
27/06/2045 00:00:00	♁	06°30'53" ♃	-19°30'04"	01°55'11"	-00°03'34"	9.105
27/06/2045 00:00:00	♁	24°10'44" ♃	14°07'49"	00°42'39"	00°02'45"	19.013
27/06/2045 00:00:00	♁	16°20'56" ♄	15°04'11"	-01°43'34"	00°01'36"	30.462
27/06/2045 00:00:00	♁	03°57'57" ♃	-20°58'43"	-11°46'06"	-00°00'33"	39.832

Ephemerides year 2045

27/06/2045 00:00:00	♏	23°50'04" ♁	-13°34'25"	00°00'00"	-00°08'28"	0.003
27/06/2045 00:00:00	♋	14°36'11" ♎	02°09'54"	-04°13'14"	00°04'57"	8.901
27/06/2045 00:00:00	♌	14°12'00" ♁	-17°31'00"	-00°59'35"	00°06'38"	0.003
27/06/2045 00:00:00	♏	23°50'04" ♁	-13°34'25"	00°00'00"	-00°08'28"	0.003
27/06/2045 00:00:00	♌	05°07'55" ♁	-20°34'40"	-01°38'45"	04°30'18"	0.003
27/06/2045 00:00:00	X	00°19'43" ♄	05°27'19"	-06°32'13"	00°00'18"	93.895
27/06/2045 00:00:00	Y	14°55'10" ♀	11°31'58"	-11°06'54"	00°00'48"	79.775
28/06/2045 00:00:00	♁	06°44'00" ♃	23°15'50"	-00°00'00"	00°57'11"	1.017
28/06/2045 00:00:00	♃	22°00'25" ♄	-27°42'04"	0-04°30'56"	12°22'28"	0.003
28/06/2045 00:00:00	♌	02°15'49" ♄	20°07'48"	00°29'27"	01°01'13"	0.848
28/06/2045 00:00:00	♌	02°54'28" ♄	21°06'34"	01°38'54"	01°12'34"	1.473
28/06/2045 00:00:00	♄	22°38'38" ♀	23°40'49"	00°27'00"	00°41'11"	2.492
28/06/2045 00:00:00	♃	12°17'27" ♃	-07°59'01"	-01°07'12"	00°00'35"	4.513
28/06/2045 00:00:00	♃	06°27'20" ♄	-19°29'37"	01°55'01"	-00°03'30"	9.113
28/06/2045 00:00:00	♌	24°13'30" ♄	14°06'53"	00°42'38"	00°02'48"	19.025
28/06/2045 00:00:00	♌	16°22'32" ♄	15°04'36"	-01°43'37"	00°01'35"	30.449
28/06/2045 00:00:00	♌	03°57'24" ♃	-20°59'12"	-11°46'24"	-00°00'34"	39.819
28/06/2045 00:00:00	♏	23°41'36" ♁	-13°37'13"	00°00'00"	-00°08'19"	0.003
28/06/2045 00:00:00	♋	14°41'11" ♎	02°08'37"	-04°12'33"	00°05'02"	8.916

Ephemerides year 2045

28/06/2045 00:00:00	☾	14°18'39" ♊	-17°28'14"	-00°58'43"	00°06'38"	0.003
28/06/2045 00:00:00	♁	23°41'36" ♋	-13°37'13"	00°00'00"	-00°08'19"	0.003
28/06/2045 00:00:00	♁	09°18'28" ♊	-19°09'12"	-01°16'36"	03°47'29"	0.003
28/06/2045 00:00:00	X	00°20'02" ♄	05°27'23"	-06°32'15"	00°00'17"	93.879
28/06/2045 00:00:00	Y	14°55'59" ♀	11°32'01"	-11°06'57"	00°00'48"	79.769
29/06/2045 00:00:00	☉	07°41'12" ♋	23°12'43"	-00°00'00"	00°57'11"	1.017
29/06/2045 00:00:00	☾	04°17'29" ♋	-27°15'31"	0-03°53'42"	12°11'51"	0.003
29/06/2045 00:00:00	♁	03°15'27" ♋	19°43'26"	00°18'26"	00°58'00"	0.832
29/06/2045 00:00:00	♀	04°07'02" ♋	20°50'05"	01°39'29"	01°12'32"	1.468
29/06/2045 00:00:00	♂	23°19'48" ♀	23°43'36"	00°27'36"	00°41'09"	2.492
29/06/2045 00:00:00	♃	12°17'56" ♋	-07°59'06"	-01°07'30"	00°00'23"	4.499
29/06/2045 00:00:00	♃	06°23'51" ♋	-19°29'12"	01°54'51"	-00°03'27"	9.122
29/06/2045 00:00:00	♃	24°16'20" ♋	14°05'55"	00°42'36"	00°02'50"	19.037
29/06/2045 00:00:00	♃	16°24'07" ♄	15°05'00"	-01°43'40"	00°01'33"	30.436
29/06/2045 00:00:00	♃	03°56'49" ♋	-20°59'42"	-11°46'42"	-00°00'35"	39.806
29/06/2045 00:00:00	♁	23°33'41" ♋	-13°39'49"	00°00'00"	-00°07'22"	0.003
29/06/2045 00:00:00	♃	14°46'16" ♋	02°07'17"	-04°11'53"	00°05'07"	8.930
29/06/2045 00:00:00	☾	14°25'18" ♊	-17°25'28"	-00°57'51"	00°06'38"	0.003
29/06/2045 00:00:00	♁	23°33'41" ♋	-13°39'49"	00°00'00"	-00°07'22"	0.003

Ephemerides year 2045

29/06/2045 00:00:00	T♄	12°39'00" ♊	-17°56'36"	-00°58'27"	02°53'04"	0.003
29/06/2045 00:00:00	X	00°20'19" ♄	05°27'27"	-06°32'17"	00°00'17"	93.863
29/06/2045 00:00:00	Y	14°56'48" ♋	11°32'03"	-11°07'00"	00°00'48"	79.762
30/06/2045 00:00:00	☉	08°38'23" ♋	23°09'13"	-00°00'00"	00°57'11"	1.017
30/06/2045 00:00:00	☾	16°24'31" ♌	-25°30'30"	0-03°06'16"	12°02'25"	0.003
30/06/2045 00:00:00	♀	04°11'49" ♌	19°19'01"	00°06'54"	00°54'42"	0.816
30/06/2045 00:00:00	♀	05°19'33" ♌	20°33'02"	01°40'01"	01°12'30"	1.463
30/06/2045 00:00:00	♂	24°00'56" ♋	23°46'09"	00°28'11"	00°41'06"	2.491
30/06/2045 00:00:00	♃	12°18'14" ♋	-07°59'16"	-01°07'48"	00°00'11"	4.485
30/06/2045 00:00:00	♅	06°20'26" ♌	-19°28'47"	01°54'41"	-00°03'23"	9.130
30/06/2045 00:00:00	♁	24°19'11" ♌	14°04'57"	00°42'35"	00°02'52"	19.049
30/06/2045 00:00:00	♃	16°25'40" ♄	15°05'24"	-01°43'42"	00°01'32"	30.423
30/06/2045 00:00:00	♁	03°56'12" ♋	-21°00'12"	-11°46'59"	-00°00'36"	39.793
30/06/2045 00:00:00	♁	23°27'04" ♋	-13°42'00"	00°00'00"	-00°05'46"	0.003
30/06/2045 00:00:00	♁	14°51'25" ♋	02°05'56"	-04°11'13"	00°05'12"	8.944
30/06/2045 00:00:00	♁	14°31'57" ♋	-17°22'41"	-00°56'59"	00°06'38"	0.003
30/06/2045 00:00:00	T♁	23°27'04" ♋	-13°42'00"	00°00'00"	-00°05'46"	0.003
30/06/2045 00:00:00	T♄	15°06'22" ♋	-17°01'03"	-00°44'55"	02°03'43"	0.003
30/06/2045 00:00:00	X	00°20'36" ♄	05°27'32"	-06°32'18"	00°00'16"	93.848

Ephemerides year 2045

30/06/2045 00:00:00	Y	14°57'36" ♀	11°32'05"	-11°07'02"	00°00'48"	79.755
01/07/2045 00:00:00	☉	09°35'35" ♁	23°05'18"	-00°00'00"	00°57'11"	1.017
01/07/2045 00:00:00	☾	28°22'55" ♁	-22°37'09"	-02°10'59"	11°54'42"	0.003
01/07/2045 00:00:00	♋	05°04'50" ♁	18°54'40"	-00°05'05"	00°51'18"	0.800
01/07/2045 00:00:00	♌	06°32'03" ♁	20°15'26"	01°40'27"	01°12'28"	1.458
01/07/2045 00:00:00	♍	24°42'00" ♀	23°48'30" ♁	00°28'47"	00°41'03"	2.490
01/07/2045 00:00:00	♎	12°18'20" ♁	-07°59'30"	-01°08'05"	00°00'00"	4.471
01/07/2045 00:00:00	♏	06°17'04" ♁	-19°28'24"	01°54'30"	-00°03'19"	9.139
01/07/2045 00:00:00	♐	24°22'04" ♁	14°03'58"	00°42'33"	00°02'53"	19.061
01/07/2045 00:00:00	♑	16°27'11" ♁	15°05'48"	-01°43'45"	00°01'30"	30.409
01/07/2045 00:00:00	♒	03°55'35" ♁	-21°00'42"	-11°47'17"	-00°00'38"	39.780
01/07/2045 00:00:00	♓	23°22'15" ♁	-13°43'35"	00°00'00"	-00°03'50"	0.003
01/07/2045 00:00:00	♈	14°56'40" ♁	02°04'31"	-04°10'34"	00°05'17"	8.958
01/07/2045 00:00:00	♉	14°38'36" ♁	-17°19'55"	-00°56'06"	00°06'38"	0.003
01/07/2045 00:00:00	T♊	23°22'15" ♁	-13°43'35"	00°00'00"	-00°03'50"	0.003
01/07/2045 00:00:00	T♋	16°51'57" ♁	-16°20'12"	-00°35'08"	01°30'31"	0.003
01/07/2045 00:00:00	X	00°20'52" ♁	05°27'35"	-06°32'20"	00°00'16"	93.832
01/07/2045 00:00:00	Y	14°58'24" ♀	11°32'08"	-11°07'05"	00°00'47"	79.748
02/07/2045 00:00:00	☉	10°32'46" ♁	23°00'59"	00°00'00"	00°57'11"	1.017

Ephemerides year 2045

02/07/2045 00:00:00	♃	10°14'41" ♊	-18°48'04"	-01°10'21"	11°49'17"	0.003
02/07/2045 00:00:00	♆	05°54'23" ♋	18°30'30"	-00°17'33"	00°47'47"	0.785
02/07/2045 00:00:00	♁	07°44'31" ♋	19°57'16"	01°40'50"	01°12'26"	1.452
02/07/2045 00:00:00	♂	25°23'02" ♌	23°50'38" ♌	00°29'22"	00°41'00"	2.490
02/07/2045 00:00:00	♃	12°18'14" ♌	-07°59'48"	-01°08'23"	-00°00'11"	4.457
02/07/2045 00:00:00	♄	06°13'46" ♌	-19°28'00"	01°54'20"	-00°03'15"	9.148
02/07/2045 00:00:00	♁	24°24'59" ♋	14°02'58"	00°42'32"	00°02'55"	19.073
02/07/2045 00:00:00	♆	16°28'42" ♌	15°06'11"	-01°43'48"	00°01'29"	30.396
02/07/2045 00:00:00	♁	03°54'56" ♌	-21°01'13"	-11°47'34"	-00°00'39"	39.767
02/07/2045 00:00:00	♁	23°19'24" ♊	-13°44'31"	00°00'00"	-00°01'52"	0.003
02/07/2045 00:00:00	♃	15°02'00" ♌	02°03'05"	-04°09'54"	00°05'22"	8.972
02/07/2045 00:00:00	♁	14°45'15" ♊	-17°17'08"	-00°55'14"	00°06'38"	0.003
02/07/2045 00:00:00	♁	23°19'24" ♊	-13°44'31"	00°00'00"	-00°01'52"	0.003
02/07/2045 00:00:00	♁	18°13'16" ♊	-15°48'15"	-00°27'39"	01°14'33"	0.003
02/07/2045 00:00:00	♁	00°21'08" ♌	05°27'39"	-06°32'22"	00°00'15"	93.816
02/07/2045 00:00:00	♁	14°59'11" ♌	11°32'09"	-11°07'08"	00°00'47"	79.740
03/07/2045 00:00:00	♁	11°29'58" ♌	22°56'15"	00°00'00"	00°57'11"	1.017
03/07/2045 00:00:00	♃	22°02'29" ♊	-14°16'06"	-00°06'53"	11°46'52"	0.003
03/07/2045 00:00:00	♆	06°40'22" ♋	18°06'36"	-00°30'27"	00°44'09"	0.770

Ephemerides year 2045

03/07/2045 00:00:00	♀	08°56'57" ♋	19°38'34"	01°41'08"	01°12'25"	1.447
03/07/2045 00:00:00	♂	26°04'01" ♌	23°52'33" ♍	00°29'57"	00°40'57"	2.489
03/07/2045 00:00:00	♃	12°17'57" ♋	-08°00'11"	-01°08'40"	-00°00'23"	4.443
03/07/2045 00:00:00	♄	06°10'33" ♋	-19°27'38"	01°54'09"	-00°03'11"	9.158
03/07/2045 00:00:00	♅	24°27'55" ♋	14°01'58"	00°42'31"	00°02'57"	19.084
03/07/2045 00:00:00	♆	16°30'10" ♋	15°06'33"	-01°43'50"	00°01'27"	30.382
03/07/2045 00:00:00	♁	03°54'16" ♋	-21°01'44"	-11°47'52"	-00°00'40"	39.755
03/07/2045 00:00:00	♁	23°18'25" ♋	-13°44'51"	00°00'00"	-00°00'09"	0.003
03/07/2045 00:00:00	♁	15°07'25" ♋	02°01'37"	-04°09'15"	00°05'27"	8.986
03/07/2045 00:00:00	♁	14°51'53" ♋	-17°14'21"	-00°54'22"	00°06'38"	0.003
03/07/2045 00:00:00	♁	23°18'25" ♋	-13°44'51"	00°00'00"	-00°00'09"	0.003
03/07/2045 00:00:00	♁	19°24'29" ♋	-15°19'58"	-00°21'11"	01°08'46"	0.003
03/07/2045 00:00:00	X	00°21'23" ♋	05°27'42"	-06°32'24"	00°00'14"	93.799
03/07/2045 00:00:00	Y	14°59'58" ♌	11°32'11"	-11°07'11"	00°00'47"	79.732
04/07/2045 00:00:00	♁	12°27'09" ♋	22°51'08"	00°00'00"	00°57'11"	1.017
04/07/2045 00:00:00	♂	03°49'39" ♋	-09°13'05"	00°56'57"	11°48'07"	0.003
04/07/2045 00:00:00	♁	07°22'40" ♋	17°43'06"	-00°43'45"	00°40'23"	0.755
04/07/2045 00:00:00	♀	10°09'21" ♋	19°19'21"	01°41'21"	01°12'23"	1.442
04/07/2045 00:00:00	♂	26°44'57" ♌	23°54'15" ♍	00°30'33"	00°40'54"	2.488

Ephemerides year 2045

04/07/2045 00:00:00	♃	12°17'28"	♋	-08°00'38"	-01°08'58"	-00°00'34"	4.430
04/07/2045 00:00:00	♅	06°07'23"	♌	-19°27'16"	01°53'58"	-00°03'07"	9.168
04/07/2045 00:00:00	♆	24°30'54"	♍	14°00'57"	00°42'29"	00°02'59"	19.095
04/07/2045 00:00:00	♇	16°31'37"	♎	15°06'55"	-01°43'53"	00°01'26"	30.368
04/07/2045 00:00:00	♁	03°53'34"	♏	-21°02'15"	-11°48'09"	-00°00'42"	39.743
04/07/2045 00:00:00	♂	23°18'55"	♐	-13°44'41"	00°00'00"	00°01'03"	0.003
04/07/2045 00:00:00	♄	15°12'54"	♑	02°00'06"	-04°08'36"	00°05'31"	9.000
04/07/2045 00:00:00	♁	14°58'32"	♐	-17°11'34"	-00°53'30"	00°06'38"	0.003
04/07/2045 00:00:00	♁♂	23°18'55"	♐	-13°44'41"	00°00'00"	00°01'03"	0.003
04/07/2045 00:00:00	♁♄	20°30'56"	♐	-14°53'23"	-00°15'15"	01°03'25"	0.003
04/07/2045 00:00:00	X	00°21'38"	♏	05°27'46"	-06°32'26"	00°00'14"	93.783
04/07/2045 00:00:00	Y	15°00'45"	♏	11°32'13"	-11°07'15"	00°00'46"	79.725
05/07/2045 00:00:00	♃	13°24'21"	♋	22°45'37"	00°00'00"	00°57'11"	1.017
05/07/2045 00:00:00	♄	15°40'10"	♋	-03°49'25"	01°58'45"	11°53'39"	0.003
05/07/2045 00:00:00	♅	08°01'08"	♌	17°20'04"	-00°57'25"	00°36'30"	0.741
05/07/2045 00:00:00	♆	11°21'43"	♍	18°59'36"	01°41'30"	01°12'21"	1.436
05/07/2045 00:00:00	♇	27°25'50"	♎	23°55'45"	00°31'08"	00°40'51"	2.487
05/07/2045 00:00:00	♃	12°16'48"	♋	-08°01'10"	-01°09'16"	-00°00'46"	4.416
05/07/2045 00:00:00	♅	06°04'18"	♌	-19°26'56"	01°53'47"	-00°03'03"	9.177

Ephemerides year 2045

05/07/2045 00:00:00	♃	24°33'55" ♁	13°59'55"	00°42'28"	00°03'01"	19.106
05/07/2045 00:00:00	♃	16°33'03" ♁	15°07'17"	-01°43'56"	00°01'24"	30.354
05/07/2045 00:00:00	♃	03°52'52" ♃	-21°02'47"	-11°48'26"	-00°00'43"	39.730
05/07/2045 00:00:00	♁	23°20'18" ♃	-13°44'14"	00°00'00"	00°01'35"	0.003
05/07/2045 00:00:00	♃	15°18'28" ♃	01°58'33"	-04°07'58"	00°05'36"	9.013
05/07/2045 00:00:00	♁	15°05'11" ♃	-17°08'47"	-00°52'38"	00°06'38"	0.003
05/07/2045 00:00:00	♁	23°20'18" ♃	-13°44'14"	00°00'00"	00°01'35"	0.003
05/07/2045 00:00:00	♁	21°28'47" ♃	-14°30'03"	-00°10'08"	00°50'29"	0.003
05/07/2045 00:00:00	X	00°21'52" ♁	05°27'49"	-06°32'28"	00°00'13"	93.767
05/07/2045 00:00:00	Y	15°01'32" ♃	11°32'14"	-11°07'18"	00°00'46"	79.716
06/07/2045 00:00:00	♁	14°21'32" ♃	22°39'42"	00°00'00"	00°57'11"	1.017
06/07/2045 00:00:00	♃	27°38'32" ♃	01°45'21"	02°56'06"	12°03'53"	0.003
06/07/2045 00:00:00	♁	08°35'39" ♁	16°57'39"	-01°11'24"	00°32'30"	0.727
06/07/2045 00:00:00	♀	12°34'04" ♁	18°39'21"	01°41'34"	01°12'19"	1.431
06/07/2045 00:00:00	♂	28°06'41" ♃	23°57'01" ○	00°31'43"	00°40'49"	2.486
06/07/2045 00:00:00	♃	12°15'56" ♃	-08°01'46"	-01°09'33"	-00°00'57"	4.403
06/07/2045 00:00:00	♃	06°01'16" ♃	-19°26'36"	01°53'36"	-00°02'59"	9.188
06/07/2045 00:00:00	♃	24°36'57" ♁	13°58'53"	00°42'27"	00°03'03"	19.117
06/07/2045 00:00:00	♃	16°34'27" ♁	15°07'38"	-01°43'59"	00°01'23"	30.340

Ephemerides year 2045

06/07/2045 00:00:00	♁	03°52'08" ♉	-21°03'18"	-11°48'42"	-00°00'44"	39.718
06/07/2045 00:00:00	♁	23°21'51" ♉	-13°43'43"	00°00'00"	00°01'24"	0.003
06/07/2045 00:00:00	♁	15°24'07" ♉	01°56'58"	-04°07'20"	00°05'41"	9.027
06/07/2045 00:00:00	♁	15°11'50" ♉	-17°05'59"	-00°51'45"	00°06'38"	0.003
06/07/2045 00:00:00	♁	23°21'51" ♉	-13°43'43"	00°00'00"	00°01'24"	0.003
06/07/2045 00:00:00	♁	22°07'45" ♉	-14°14'16"	-00°06'44"	00°25'08"	0.003
06/07/2045 00:00:00	X	00°22'05" ♉	05°27'51"	-06°32'30"	00°00'12"	93.750
06/07/2045 00:00:00	Y	15°02'18" ♉	11°32'16"	-11°07'22"	00°00'45"	79.708
07/07/2045 00:00:00	♁	15°18'44" ♉	22°33'24"	00°00'00"	00°57'12"	1.017
07/07/2045 00:00:00	♁	09°49'36" ♉	07°21'46"	03°46'33"	12°19'03"	0.003
07/07/2045 00:00:00	♁	09°06'05" ♉	16°35'56"	-01°25'41"	00°28'21"	0.713
07/07/2045 00:00:00	♁	13°46'22" ♉	18°18'37"	01°41'34"	01°12'17"	1.425
07/07/2045 00:00:00	♁	28°47'28" ♉	23°58'05" ♁	00°32'18"	00°40'46"	2.485
07/07/2045 00:00:00	♁	12°14'52" ♉	-08°02'27"	-01°09'51"	-00°01'09"	4.390
07/07/2045 00:00:00	♁	05°58'19" ♉	-19°26'16"	01°53'25"	-00°02'54"	9.198
07/07/2045 00:00:00	♁	24°40'01" ♉	13°57'51"	00°42'26"	00°03'05"	19.128
07/07/2045 00:00:00	♁	16°35'49" ♉	15°07'58"	-01°44'02"	00°01'21"	30.326
07/07/2045 00:00:00	♁	03°51'23" ♉	-21°03'51"	-11°48'59"	-00°00'45"	39.707
07/07/2045 00:00:00	♁	23°22'54" ♉	-13°43'22"	00°00'00"	00°00'35"	0.003

Ephemerides year 2045

07/07/2045 00:00:00	♃	15°29'51" ♎	01°55'21"	-04°06'42"	00°05'46"	9.040
07/07/2045 00:00:00	♁	15°18'28" ♋	-17°03'11"	-00°50'53"	00°06'38"	0.003
07/07/2045 00:00:00	♄	23°22'54" ♎	-13°43'22"	00°00'00"	00°00'35"	0.003
07/07/2045 00:00:00	♁	22°14'30" ♋	-14°11'35"	-00°06'13"	-00°13'46"	0.003
07/07/2045 00:00:00	X	00°22'17" ♄	05°27'54"	-06°32'32"	00°00'12"	93.734
07/07/2045 00:00:00	Y	15°03'04" ♀	11°32'17"	-11°07'25"	00°00'45"	79.699
08/07/2045 00:00:00	♁	16°15'57" ♋	22°26'42"	00°00'00"	00°57'12"	1.017
08/07/2045 00:00:00	♃	22°18'15" ♎	12°49'00"	04°27'36"	12°39'00"	0.003
08/07/2045 00:00:00	♁	09°32'19" ♋	16°15'03"	-01°40'12"	00°24'05"	0.700
08/07/2045 00:00:00	♁	14°58'39" ♋	17°57'23"	01°41'29"	01°12'15"	1.419
08/07/2045 00:00:00	♂	29°28'13" ♀	23°58'56"	00°32'53"	00°40'43"	2.484
08/07/2045 00:00:00	♃	12°13'36" ♎	-08°03'12"	-01°10'08"	-00°01'21"	4.377
08/07/2045 00:00:00	♃	05°55'27" ♎	-19°25'58"	01°53'14"	-00°02'50"	9.209
08/07/2045 00:00:00	♁	24°43'07" ♋	13°56'47"	00°42'24"	00°03'06"	19.138
08/07/2045 00:00:00	♁	16°37'10" ♋	15°08'18"	-01°44'05"	00°01'20"	30.312
08/07/2045 00:00:00	♃	03°50'36" ♎	-21°04'23"	-11°49'15"	-00°00'46"	39.695
08/07/2045 00:00:00	♄	23°22'52" ♎	-13°43'23"	00°00'00"	-00°00'42"	0.003
08/07/2045 00:00:00	♃	15°35'39" ♎	01°53'42"	-04°06'04"	00°05'50"	9.054
08/07/2045 00:00:00	♁	15°25'07" ♋	-17°00'23"	-00°50'01"	00°06'38"	0.003

Ephemerides year 2045

08/07/2045 00:00:00	T♄	23°22'52" ♊	-13°43'23"	00°00'00"	-00°00'42"	0.003
08/07/2045 00:00:00	T♄	21°36'39" ♊	-14°27'05"	-00°09'40"	-01°03'05"	0.003
08/07/2045 00:00:00	X	00°22'29" ♄	05°27'56"	-06°32'34"	00°00'11"	93.717
08/07/2045 00:00:00	Y	15°03'49" ♀	11°32'17"	-11°07'29"	00°00'45"	79.690
09/07/2045 00:00:00	♁	17°13'10" ♉	22°19'36"	00°00'00"	00°57'13"	1.017
09/07/2045 00:00:00	♂	05°09'00" ♄	17°53'22"	04°56'36"	13°03'06"	0.003
09/07/2045 00:00:00	♀	09°54'13" ♀	15°55'05"	-01°54'53"	00°19'41"	0.687
09/07/2045 00:00:00	♀	16°10'54" ♀	17°35'41"	01°41'19"	01°12'14"	1.414
09/07/2045 00:00:00	♂	00°08'55" ♉	23°59'34" ♁	00°33'27"	00°40'40"	2.483
09/07/2045 00:00:00	♃	12°12'09" ♈	-08°04'01"	-01°10'25"	-00°01'32"	4.364
09/07/2045 00:00:00	♃	05°52'39" ♈	-19°25'40"	01°53'02"	-00°02'45"	9.219
09/07/2045 00:00:00	♃	24°46'15" ♀	13°55'43"	00°42'23"	00°03'08"	19.148
09/07/2045 00:00:00	♃	16°38'30" ♄	15°08'38"	-01°44'08"	00°01'18"	30.297
09/07/2045 00:00:00	♃	03°49'49" ♈	-21°04'56"	-11°49'31"	-00°00'47"	39.684
09/07/2045 00:00:00	♁	23°21'26" ♊	-13°43'51"	00°00'00"	-00°02'11"	0.003
09/07/2045 00:00:00	♃	15°41'32" ♈	01°52'01"	-04°05'27"	00°05'55"	9.067
09/07/2045 00:00:00	♃	15°31'46" ♊	-16°57'35"	-00°49'08"	00°06'38"	0.003
09/07/2045 00:00:00	T♄	23°21'26" ♊	-13°43'51"	00°00'00"	-00°02'11"	0.003
09/07/2045 00:00:00	T♄	20°07'38" ♊	-15°03'01"	-00°17'38"	-01°54'15"	0.003

Ephemerides year 2045

09/07/2045 00:00:00	X	00°22'41" ♃	05°27'58"	-06°32'36"	00°00'11"	93.701
09/07/2045 00:00:00	Y	15°04'34" ♀	11°32'18"	-11°07'33"	00°00'44"	79.681
10/07/2045 00:00:00	☉	18°10'23" ♃	22°12'08"	00°00'00"	00°57'13"	1.017
10/07/2045 00:00:00	☾	18°25'26" ♃	22°17'00"	05°10'58"	13°30'06"	0.003
10/07/2045 00:00:00	♀	10°11'40" ♃	15°36'10"	-02°09'42"	00°15'11"	0.675
10/07/2045 00:00:00	♀	17°23'07" ♃	17°13'31"	01°41'04"	01°12'12"	1.408
10/07/2045 00:00:00	♂	00°49'35" ♃	24°00'00"	00°34'02"	00°40'38"	2.482
10/07/2045 00:00:00	♃	12°10'31" ♃	-08°04'55"	-01°10'43"	-00°01'44"	4.351
10/07/2045 00:00:00	♃	05°49'56" ♃	-19°25'24"	01°52'50"	-00°02'40"	9.230
10/07/2045 00:00:00	♃	24°49'24" ♃	13°54'39"	00°42'22"	00°03'10"	19.158
10/07/2045 00:00:00	♃	16°39'47" ♃	15°08'57"	-01°44'11"	00°01'16"	30.282
10/07/2045 00:00:00	♃	03°49'00" ♃	-21°05'28"	-11°49'47"	-00°00'49"	39.672
10/07/2045 00:00:00	♃	23°18'32" ♃	-13°44'48"	00°00'00"	-00°03'33"	0.003
10/07/2045 00:00:00	♃	15°47'30" ♃	01°50'17"	-04°04'50"	00°05'59"	9.080
10/07/2045 00:00:00	♃	15°38'25" ♃	-16°54'47"	-00°48'16"	00°06'38"	0.003
10/07/2045 00:00:00	T♃	23°18'32" ♃	-13°44'48"	00°00'00"	-00°03'33"	0.003
10/07/2045 00:00:00	T♃	17°51'54" ♃	-15°56'45"	-00°29'41"	-02°34'11"	0.003
10/07/2045 00:00:00	X	00°22'52" ♃	05°28'00"	-06°32'38"	00°00'10"	93.684
10/07/2045 00:00:00	Y	15°05'19" ♀	11°32'19"	-11°07'37"	00°00'44"	79.672

Ephemerides year 2045

11/07/2045 00:00:00	♁	19°07'36" ♃	22°04'16"	00°00'00"	00°57'13"	1.017
11/07/2045 00:00:00	♃	02°09'31" ♃	25°37'24" ♁	05°08'22"	13°58'01"	0.002
11/07/2045 00:00:00	♃	10°24'34" ♃	15°18'25"	-02°24'33"	00°10'34"	0.664
11/07/2045 00:00:00	♃	18°35'19" ♃	16°50'55"	01°40'45"	01°12'10"	1.402
11/07/2045 00:00:00	♂	01°30'12" ♃	24°00'13" ♁	00°34'36"	00°40'35"	2.481
11/07/2045 00:00:00	♃	12°08'41" ♃	-08°05'53"	-01°11'00"	-00°01'55"	4.338
11/07/2045 00:00:00	♃	05°47'17" ♃	-19°25'08"	01°52'38"	-00°02'36"	9.242
11/07/2045 00:00:00	♃	24°52'36" ♃	13°53'34"	00°42'21"	00°03'12"	19.168
11/07/2045 00:00:00	♃	16°41'04" ♃	15°09'16"	-01°44'14"	00°01'15"	30.267
11/07/2045 00:00:00	♃	03°48'11" ♃	-21°06'02"	-11°50'03"	-00°00'50"	39.661
11/07/2045 00:00:00	♃	23°14'27" ♃	-13°46'09"	00°00'00"	-00°04'30"	0.003
11/07/2045 00:00:00	♃	15°53'32" ♃	01°48'31"	-04°04'14"	00°06'04"	9.093
11/07/2045 00:00:00	♃	15°45'04" ♃	-16°51'58"	-00°47'23"	00°06'38"	0.003
11/07/2045 00:00:00	♃	23°14'27" ♃	-13°46'09"	00°00'00"	-00°04'30"	0.003
11/07/2045 00:00:00	♃	15°07'07" ♃	-17°00'10"	-00°44'13"	-02°50'52"	0.003
11/07/2045 00:00:00	X	00°23'02" ♃	05°28'01"	-06°32'40"	00°00'10"	93.667
11/07/2045 00:00:00	Y	15°06'03" ♃	11°32'19"	-11°07'41"	00°00'44"	79.662
12/07/2045 00:00:00	♁	20°04'51" ♃	21°56'02"	00°00'00"	00°57'14"	1.017
12/07/2045 00:00:00	♃	16°20'56" ♃	27°29'43" ♁	04°47'08"	14°24'17"	0.002

Ephemerides year 2045

12/07/2045 00:00:00	♀	10°32'48" ♈	15°01'57"	-02°39'22"	00°05'52"	0.652
12/07/2045 00:00:00	♀	19°47'28" ♈	16°27'52"	01°40'21"	01°12'08"	1.397
12/07/2045 00:00:00	♂	02°10'46" ♉	24°00'13" ♁	00°35'11"	00°40'32"	2.480
12/07/2045 00:00:00	♃	12°06'39" ♉	-08°06'55"	-01°11'17"	-00°02'07"	4.326
12/07/2045 00:00:00	♃	05°44'44" ♉	-19°24'53"	01°52'26"	-00°02'31"	9.253
12/07/2045 00:00:00	♃	24°55'48" ♈	13°52'28"	00°42'20"	00°03'13"	19.178
12/07/2045 00:00:00	♃	16°42'18" ♉	15°09'34"	-01°44'17"	00°01'13"	30.252
12/07/2045 00:00:00	♃	03°47'20" ♉	-21°06'35"	-11°50'19"	-00°00'51"	39.651
12/07/2045 00:00:00	♃	23°09'43" ♉	-13°47'42"	00°00'00"	-00°04'50"	0.003
12/07/2045 00:00:00	♃	15°59'39" ♉	01°46'44"	-04°03'37"	00°06'08"	9.105
12/07/2045 00:00:00	♃	15°51'43" ♉	-16°49'09"	-00°46'31"	00°06'38"	0.003
12/07/2045 00:00:00	T♃	23°09'43" ♉	-13°47'42"	00°00'00"	-00°04'50"	0.003
12/07/2045 00:00:00	T♃	12°18'54" ♉	-18°02'43"	-00°58'54"	-02°41'44"	0.003
12/07/2045 00:00:00	X	00°23'12" ♉	05°28'03"	-06°32'42"	00°00'09"	93.650
12/07/2045 00:00:00	Y	15°06'47" ♉	11°32'19"	-11°07'45"	00°00'43"	79.652
13/07/2045 00:00:00	♁	21°02'05" ♉	21°47'25"	00°00'00"	00°57'14"	1.017
13/07/2045 00:00:00	♁	00°56'34" ♉	27°32'53" ♁	04°06'58"	14°45'59"	0.002
13/07/2045 00:00:00	♀	10°36'18" ♈	14°46'51"	-02°54'03"	00°01'07"	0.642
13/07/2045 00:00:00	♀	20°59'36" ♈	16°04'24"	01°39'51"	01°12'06"	1.391

Ephemerides year 2045

13/07/2045 00:00:00	♂	02°51'17" ♉	24°00'01" ♁	00°35'45"	00°40'29"	2.479
13/07/2045 00:00:00	♃	12°04'26" ♉	-08°08'02"	-01°11'35"	-00°02'18"	4.314
13/07/2045 00:00:00	♃	05°42'15" ♉	-19°24'39"	01°52'14"	-00°02'26"	9.265
13/07/2045 00:00:00	♃	24°59'03" ♁	13°51'22"	00°42'19"	00°03'15"	19.187
13/07/2045 00:00:00	♃	16°43'31" ♉	15°09'51"	-01°44'20"	00°01'12"	30.237
13/07/2045 00:00:00	♃	03°46'29" ♉	-21°07'08"	-11°50'34"	-00°00'52"	39.640
13/07/2045 00:00:00	♁	23°05'01" ♉	-13°49'14"	00°00'00"	-00°04'27"	0.003
13/07/2045 00:00:00	♃	16°05'50" ♉	01°44'54"	-04°03'01"	00°06'13"	9.118
13/07/2045 00:00:00	♃	15°58'22" ♉	-16°46'20"	-00°45'38"	00°06'38"	0.003
13/07/2045 00:00:00	♁	23°05'01" ♉	-13°49'14"	00°00'00"	-00°04'27"	0.003
13/07/2045 00:00:00	♃	09°48'57" ♉	-18°56'30"	-01°11'54"	-02°16'53"	0.003
13/07/2045 00:00:00	X	00°23'21" ♉	05°28'04"	-06°32'44"	00°00'08"	93.633
13/07/2045 00:00:00	Y	15°07'31" ♉	11°32'19"	-11°07'50"	00°00'43"	79.642
14/07/2045 00:00:00	♁	21°59'20" ♉	21°38'26"	00°00'00"	00°57'15"	1.017
14/07/2045 00:00:00	♁	15°50'31" ♉	25°37'45" ♁	03°09'22"	15°00'32"	0.002
14/07/2045 00:00:00	♃	10°35'02" ♁	14°33'15"	-03°08'31"	-00°03'39"	0.632
14/07/2045 00:00:00	♀	22°11'41" ♁	15°40'31"	01°39'18"	01°12'04"	1.385
14/07/2045 00:00:00	♂	03°31'46" ♉	23°59'36" ♁	00°36'19"	00°40'27"	2.477
14/07/2045 00:00:00	♃	12°02'02" ♉	-08°09'13"	-01°11'52"	-00°02'30"	4.302

Ephemerides year 2045

14/07/2045 00:00:00	♃	05°39'51" ♏	-19°24'26"	01°52'02"	-00°02'21"	9.277
14/07/2045 00:00:00	♃	25°02'19" ♏	13°50'15"	00°42'18"	00°03'16"	19.196
14/07/2045 00:00:00	♃	16°44'42" ♏	15°10'08"	-01°44'23"	00°01'10"	30.222
14/07/2045 00:00:00	♃	03°45'36" ♏	-21°07'42"	-11°50'49"	-00°00'53"	39.630
14/07/2045 00:00:00	♃	23°01'01" ♏	-13°50'33"	00°00'00"	-00°03'26"	0.003
14/07/2045 00:00:00	♃	16°12'05" ♏	01°43'02"	-04°02'26"	00°06'17"	9.131
14/07/2045 00:00:00	♃	16°05'01" ♏	-16°43'30"	-00°44'46"	00°06'38"	0.003
14/07/2045 00:00:00	♃	23°01'01" ♏	-13°50'33"	00°00'00"	-00°03'26"	0.003
14/07/2045 00:00:00	♃	07°44'49" ♏	-19°39'35"	-01°22'36"	-01°52'51"	0.003
14/07/2045 00:00:00	X	00°23'30" ♏	05°28'05"	-06°32'46"	00°00'08"	93.616
14/07/2045 00:00:00	Y	15°08'14" ♏	11°32'19"	-11°07'54"	00°00'43"	79.632
15/07/2045 00:00:00	♃	22°56'35" ♏	21°29'04"	00°00'00"	00°57'15"	1.016
15/07/2045 00:00:00	♃	00°54'40" ♏	21°52'10"	01°57'56"	15°06'13"	0.002
15/07/2045 00:00:00	♃	10°28'58" ♏	14°21'15"	-03°22'39"	-00°08'26"	0.623
15/07/2045 00:00:00	♃	23°23'45" ♏	15°16'14"	01°38'39"	01°12'02"	1.379
15/07/2045 00:00:00	♃	04°12'11" ♏	23°58'59"	00°36'54"	00°40'24"	2.476
15/07/2045 00:00:00	♃	11°59'26" ♏	-08°10'28"	-01°12'09"	-00°02'41"	4.290
15/07/2045 00:00:00	♃	05°37'32" ♏	-19°24'14"	01°51'50"	-00°02'16"	9.289
15/07/2045 00:00:00	♃	25°05'37" ♏	13°49'08"	00°42'17"	00°03'18"	19.205

Ephemerides year 2045

15/07/2045 00:00:00	♁	16°45'52"	♄	15°10'25"	-01°44'26"	00°01'08"	30.207
15/07/2045 00:00:00	♁	03°44'42"	♃	-21°08'16"	-11°51'04"	-00°00'54"	39.619
15/07/2045 00:00:00	♁	22°58'15"	♃	-13°51'27"	00°00'00"	-00°02'03"	0.003
15/07/2045 00:00:00	♁	16°18'25"	♃	01°41'09"	-04°01'50"	00°06'21"	9.143
15/07/2045 00:00:00	♁	16°11'39"	♃	-16°40'41"	-00°43'53"	00°06'38"	0.003
15/07/2045 00:00:00	T♁	22°58'15"	♃	-13°51'27"	00°00'00"	-00°02'03"	0.003
15/07/2045 00:00:00	T♁	05°58'28"	♃	-20°15'28"	-01°31'48"	-01°42'48"	0.003
15/07/2045 00:00:00	X	00°23'38"	♄	05°28'05"	-06°32'49"	00°00'07"	93.599
15/07/2045 00:00:00	Y	15°08'57"	♃	11°32'19"	-11°07'59"	00°00'42"	79.621
16/07/2045 00:00:00	♁	23°53'51"	♃	21°19'21"	00°00'00"	00°57'15"	1.016
16/07/2045 00:00:00	♁	15°59'53"	♃	16°38'39"	00°38'04"	15°02'43"	0.002
16/07/2045 00:00:00	♁	10°18'09"	♃	14°10'56"	-03°36'20"	-00°13'10"	0.615
16/07/2045 00:00:00	♁	24°35'46"	♃	14°51'33"	01°37'55"	01°12'00"	1.373
16/07/2045 00:00:00	♁	04°52'34"	♃	23°58'10"	00°37'28"	00°40'21"	2.475
16/07/2045 00:00:00	♁	11°56'39"	♃	-08°11'48"	-01°12'26"	-00°02'52"	4.278
16/07/2045 00:00:00	♁	05°35'18"	♃	-19°24'04"	01°51'37"	-00°02'11"	9.301
16/07/2045 00:00:00	♁	25°08'56"	♃	13°48'00"	00°42'16"	00°03'19"	19.214
16/07/2045 00:00:00	♁	16°47'00"	♄	15°10'41"	-01°44'29"	00°01'06"	30.191
16/07/2045 00:00:00	♁	03°43'47"	♃	-21°08'50"	-11°51'18"	-00°00'55"	39.609

Ephemerides year 2045

16/07/2045 00:00:00	♁	22°56'56" ♁	-13°51'53"	00°00'00"	-00°00'36"	0.003
16/07/2045 00:00:00	♋	16°24'49" ♃	01°39'13"	-04°01'15"	00°06'25"	9.155
16/07/2045 00:00:00	♌	16°18'18" ♄	-16°37'51"	-00°43'01"	00°06'38"	0.003
16/07/2045 00:00:00	♁	22°56'56" ♁	-13°51'53"	00°00'00"	-00°00'36"	0.003
16/07/2045 00:00:00	♌	04°13'14" ♄	-20°50'04"	-01°40'59"	-01°50'16"	0.003
16/07/2045 00:00:00	X	00°23'45" ☾	05°28'06"	-06°32'51"	00°00'06"	93.582
16/07/2045 00:00:00	Y	15°09'40" ♀	11°32'19"	-11°08'04"	00°00'42"	79.611
17/07/2045 00:00:00	♁	24°51'07" ♁	21°09'16"	00°00'00"	00°57'15"	1.016
17/07/2045 00:00:00	♃	00°57'25" ♃	10°26'53"	-00°43'53"	14°51'05"	0.002
17/07/2045 00:00:00	♌	10°02'39" ♄	14°02'24"	-03°49'26"	-00°17'47"	0.607
17/07/2045 00:00:00	♍	25°47'45" ♅	14°26'31"	01°37'07"	01°11'57"	1.367
17/07/2045 00:00:00	♎	05°32'54" ♆	23°57'08" ♁	00°38'02"	00°40'18"	2.473
17/07/2045 00:00:00	♏	11°53'40" ♁	-08°13'11"	-01°12'42"	-00°03'04"	4.267
17/07/2045 00:00:00	♐	05°33'09" ♁	-19°23'53"	01°51'25"	-00°02'06"	9.314
17/07/2045 00:00:00	♑	25°12'16" ♅	13°46'52"	00°42'15"	00°03'20"	19.222
17/07/2045 00:00:00	♒	16°48'05" ☾	15°10'57"	-01°44'32"	00°01'04"	30.176
17/07/2045 00:00:00	♓	03°42'51" ♁	-21°09'24"	-11°51'33"	-00°00'56"	39.600
17/07/2045 00:00:00	♁	22°56'58" ♁	-13°51'52"	00°00'00"	00°00'35"	0.003
17/07/2045 00:00:00	♋	16°31'16" ♃	01°37'15"	-04°00'41"	00°06'29"	9.167

Ephemerides year 2045

17/07/2045 00:00:00	☾	16°24'57" ♊	-16°35'01"	-00°42'08"	00°06'38"	0.003
17/07/2045 00:00:00	♁	22°56'58" ♊	-13°51'52"	00°00'00"	00°00'35"	0.003
17/07/2045 00:00:00	♁	02°14'38" ♋	-21°27'50"	-01°51'21"	-02°07'17"	0.003
17/07/2045 00:00:00	X	00°23'51" ♋	05°28'06"	-06°32'53"	00°00'06"	93.565
17/07/2045 00:00:00	Y	15°10'21" ♋	11°32'18"	-11°08'09"	00°00'41"	79.600
18/07/2045 00:00:00	☉	25°48'22" ♋	20°58'49"	-00°00'00"	00°57'15"	1.016
18/07/2045 00:00:00	☾	15°40'04" ♋	03°46'47"	-02°01'40"	14°33'23"	0.002
18/07/2045 00:00:00	♁	09°42'37" ♋	13°55'43"	-04°01'48"	-00°22'14"	0.601
18/07/2045 00:00:00	♀	26°59'42" ♋	14°01'06"	01°36'13"	01°11'55"	1.361
18/07/2045 00:00:00	♂	06°13'11" ♋	23°55'54" ♌	00°38'35"	00°40'15"	2.472
18/07/2045 00:00:00	♃	11°50'31" ♋	-08°14'39"	-01°12'59"	-00°03'15"	4.255
18/07/2045 00:00:00	♄	05°31'06" ♋	-19°23'44"	01°51'12"	-00°02'01"	9.326
18/07/2045 00:00:00	♅	25°15'37" ♋	13°45'43"	00°42'14"	00°03'22"	19.230
18/07/2045 00:00:00	♆	16°49'09" ♋	15°11'12"	-01°44'36"	00°01'03"	30.160
18/07/2045 00:00:00	♇	03°41'54" ♋	-21°09'59"	-11°51'47"	-00°00'57"	39.590
18/07/2045 00:00:00	♁	22°57'57" ♋	-13°51'33"	00°00'00"	00°01'18"	0.003
18/07/2045 00:00:00	♁	16°37'48" ♋	01°35'16"	-04°00'06"	00°06'33"	9.179
18/07/2045 00:00:00	☾	16°31'36" ♋	-16°32'11"	-00°41'16"	00°06'38"	0.003
18/07/2045 00:00:00	♁	22°57'57" ♋	-13°51'33"	00°00'00"	00°01'18"	0.003

Ephemerides year 2045

18/07/2045 00:00:00	T♄	00°01'05" ♊	-22°08'41"	-02°02'55"	-02°16'58"	0.003
18/07/2045 00:00:00	X	00°23'57" ♄	05°28'06"	-06°32'55"	00°00'05"	93.548
18/07/2045 00:00:00	Y	15°11'03" ♀	11°32'18"	-11°08'13"	00°00'40"	79.588
19/07/2045 00:00:00	☉	26°45'38" ♉	20°48'01"	-00°00'00"	00°57'15"	1.016
19/07/2045 00:00:00	☾	00°02'59" ♋	-02°55'31"	-03°10'01"	14°12'02"	0.002
19/07/2045 00:00:00	♀	09°18'14" ♋	13°50'56"	-04°13'19"	-00°26'27"	0.595
19/07/2045 00:00:00	♀	28°11'36" ♋	13°35'20"	01°35'15"	01°11'52"	1.355
19/07/2045 00:00:00	♂	06°53'24" ♉	23°54'28" ♁	00°39'09"	00°40'12"	2.470
19/07/2045 00:00:00	♃	11°47'10" ♋	-08°16'11"	-01°13'16"	-00°03'25"	4.244
19/07/2045 00:00:00	♅	05°29'07" ♋	-19°23'36"	01°50'59"	-00°01'55"	9.339
19/07/2045 00:00:00	♁	25°19'00" ♋	13°44'34"	00°42'13"	00°03'23"	19.238
19/07/2045 00:00:00	♃	16°50'12" ♄	15°11'26"	-01°44'39"	00°01'01"	30.144
19/07/2045 00:00:00	♁	03°40'56" ♋	-21°10'33"	-11°52'01"	-00°00'58"	39.581
19/07/2045 00:00:00	♁	22°59'22" ♊	-13°51'05"	00°00'00"	00°01'24"	0.003
19/07/2045 00:00:00	♁	16°44'24" ♋	01°33'14"	-03°59'32"	00°06'37"	9.191
19/07/2045 00:00:00	♁	16°38'14" ♊	-16°29'21"	-00°40'23"	00°06'38"	0.003
19/07/2045 00:00:00	T♁	22°59'22" ♊	-13°51'05"	00°00'00"	00°01'24"	0.003
19/07/2045 00:00:00	T♄	27°49'00" ♋	-22°47'10"	-02°14'11"	-02°02'06"	0.003
19/07/2045 00:00:00	X	00°24'02" ♄	05°28'06"	-06°32'57"	00°00'04"	93.531

Ephemerides year 2045

19/07/2045 00:00:00	Y	15°11'43" ♀	11°32'17"	-11°08'19"	00°00'40"	79.577
20/07/2045 00:00:00	☉	27°42'54" ♃	20°36'53"	-00°00'00"	00°57'16"	1.016
20/07/2045 00:00:00	☾	14°03'41" ♁	-09°18'32"	-04°05'08"	13°49'19"	0.003
20/07/2045 00:00:00	♀	08°49'48" ♃	13°48'05"	-04°23'50"	-00°30'21"	0.590
20/07/2045 00:00:00	♀	29°23'27" ♃	13°09'14"	01°34'12"	01°11'50"	1.349
20/07/2045 00:00:00	♂	07°33'35" ♃	23°52'50" ☉	00°39'43"	00°40'09"	2.468
20/07/2045 00:00:00	♃	11°43'39" ♃	-08°17'47"	-01°13'32"	-00°03'36"	4.233
20/07/2045 00:00:00	♃	05°27'14" ♃	-19°23'29"	01°50'46"	-00°01'50"	9.352
20/07/2045 00:00:00	♃	25°22'25" ♃	13°43'24"	00°42'12"	00°03'24"	19.246
20/07/2045 00:00:00	♃	16°51'12" ♃	15°11'40"	-01°44'42"	00°00'59"	30.128
20/07/2045 00:00:00	♃	03°39'57" ♃	-21°11'08"	-11°52'15"	-00°00'59"	39.572
20/07/2045 00:00:00	♃	23°00'35" ♃	-13°50'41"	00°00'00"	00°00'56"	0.003
20/07/2045 00:00:00	♃	16°51'03" ♃	01°31'11"	-03°58'58"	00°06'41"	9.203
20/07/2045 00:00:00	♃	16°44'53" ♃	-16°26'31"	-00°39'30"	00°06'38"	0.003
20/07/2045 00:00:00	T♃	23°00'35" ♃	-13°50'41"	00°00'00"	00°00'56"	0.003
20/07/2045 00:00:00	T♃	26°07'14" ♃	-23°15'27"	-02°22'43"	-01°16'39"	0.003
20/07/2045 00:00:00	X	00°24'07" ♃	05°28'05"	-06°32'59"	00°00'04"	93.514
20/07/2045 00:00:00	Y	15°12'23" ♀	11°32'16"	-11°08'24"	00°00'39"	79.565
21/07/2045 00:00:00	☉	28°40'10" ♃	20°25'23"	-00°00'00"	00°57'16"	1.016

Ephemerides year 2045

21/07/2045 00:00:00	♃	27°41'47"	♄	-15°04'42"	-04°44'47"	13°27'03"	0.003	
21/07/2045 00:00:00	♁	08°17'39"	♁	13°47'13"	-04°33'12"	-00°33'52"	0.587	
21/07/2045 00:00:00	♂	00°35'16"	♃	12°42'49"	01°33'04"	01°11'47"	1.343	
21/07/2045 00:00:00	♂	08°13'43"	♃	23°50'59"	♄	00°40'16"	00°40'06"	2.467
21/07/2045 00:00:00	♃	11°39'57"	♃	-08°19'27"	-01°13'48"	-00°03'47"	4.223	
21/07/2045 00:00:00	♃	05°25'26"	♁	-19°23'23"	01°50'33"	-00°01'45"	9.365	
21/07/2045 00:00:00	♃	25°25'50"	♁	13°42'14"	00°42'11"	00°03'26"	19.253	
21/07/2045 00:00:00	♃	16°52'11"	♁	15°11'53"	-01°44'46"	00°00'57"	30.113	
21/07/2045 00:00:00	♃	03°38'57"	♃	-21°11'43"	-11°52'28"	-00°01'00"	39.563	
21/07/2045 00:00:00	♁	23°01'07"	♁	-13°50'31"	00°00'00"	00°00'04"	0.003	
21/07/2045 00:00:00	♃	16°57'47"	♃	01°29'06"	-03°58'25"	00°06'45"	9.214	
21/07/2045 00:00:00	♁	16°51'32"	♁	-16°23'40"	-00°38'38"	00°06'38"	0.003	
21/07/2045 00:00:00	♁	23°01'07"	♁	-13°50'31"		00°00'00"	00°00'04"	0.003
21/07/2045 00:00:00	♁	25°23'00"	♁	-23°27'22"	♄	-02°26'23"	-00°09'28"	0.003
21/07/2045 00:00:00	X	00°24'11"	♁	05°28'05"		-06°33'02"	00°00'03"	93.497
21/07/2045 00:00:00	Y	15°13'03"	♁	11°32'15"		-11°08'29"	00°00'39"	79.554
22/07/2045 00:00:00	♁	29°37'27"	♃	20°13'33"	-00°00'00"	00°57'16"	1.016	
22/07/2045 00:00:00	♃	10°58'23"	♃	-19°59'18"	-05°08'00"	13°06'28"	0.003	
22/07/2045 00:00:00	♁	07°42'12"	♁	13°48'18"	-04°41'17"	-00°36'55"	0.584	

Ephemerides year 2045

22/07/2045 00:00:00	♀	01°47'03" ♍	12°16'04"	01°31'51"	01°11'45"	1.337
22/07/2045 00:00:00	♂	08°53'49" ♃	23°48'57" ♁	00°40'50"	00°40'03"	2.465
22/07/2045 00:00:00	♃	11°36'04" ♃	-08°21'10"	-01°14'04"	-00°03'57"	4.212
22/07/2045 00:00:00	♃	05°23'43" ♃	-19°23'18"	01°50'20"	-00°01'39"	9.379
22/07/2045 00:00:00	♃	25°29'17" ♃	13°41'04"	00°42'10"	00°03'27"	19.261
22/07/2045 00:00:00	♃	16°53'08" ♃	15°12'06"	-01°44'49"	00°00'56"	30.097
22/07/2045 00:00:00	♃	03°37'56" ♃	-21°12'18"	-11°52'41"	-00°01'01"	39.554
22/07/2045 00:00:00	♃	23°00'40" ♃	-13°50'40"	00°00'00"	-00°00'58"	0.003
22/07/2045 00:00:00	♃	17°04'34" ♍	01°26'59"	-03°57'52"	00°06'49"	9.225
22/07/2045 00:00:00	♃	16°58'11" ♃	-16°20'49"	-00°37'45"	00°06'38"	0.003
22/07/2045 00:00:00	T♃	23°00'40" ♃	-13°50'40"	00°00'00"	-00°00'58"	0.003
22/07/2045 00:00:00	T♃	25°50'08" ♃	-23°20'05"	-02°24'08"	01°03'23"	0.003
22/07/2045 00:00:00	X	00°24'14" ♃	05°28'04"	-06°33'04"	00°00'03"	93.480
22/07/2045 00:00:00	Y	15°13'42" ♃	11°32'13"	-11°08'34"	00°00'39"	79.542
23/07/2045 00:00:00	♃	00°34'44" ♃	20°01'23"	-00°00'00"	00°57'16"	1.016
23/07/2045 00:00:00	♃	23°55'31" ♍	-23°49'45" ♁	-05°14'50"	12°48'12"	0.003
23/07/2045 00:00:00	♃	07°03'59" ♃	13°51'19"	-04°47'57"	-00°39'24"	0.582
23/07/2045 00:00:00	♀	02°58'47" ♍	11°49'01"	01°30'34"	01°11'42"	1.331
23/07/2045 00:00:00	♂	09°33'51" ♃	23°46'43" ♁	00°41'23"	00°40'01"	2.463

Ephemerides year 2045

23/07/2045 00:00:00	♃	11°32'02" ♃	-08°22'57"	-01°14'20"	-00°04'08"	4.202
23/07/2045 00:00:00	♅	05°22'06" ♃	-19°23'14"	01°50'07"	-00°01'34"	9.392
23/07/2045 00:00:00	♁	25°32'45" ♁	13°39'53"	00°42'10"	00°03'28"	19.268
23/07/2045 00:00:00	♃	16°54'03" ♃	15°12'19"	-01°44'52"	00°00'54"	30.080
23/07/2045 00:00:00	♁	03°36'55" ♃	-21°12'53"	-11°52'54"	-00°01'02"	39.546
23/07/2045 00:00:00	♁	22°59'11" ♃	-13°51'09"	00°00'00"	-00°01'58"	0.003
23/07/2045 00:00:00	♃	17°11'25" ♃	01°24'50"	-03°57'19"	00°06'52"	9.236
23/07/2045 00:00:00	♁	17°04'49" ♃	-16°17'58"	-00°36'52"	00°06'38"	0.003
23/07/2045 00:00:00	♁	22°59'11" ♃	-13°51'09"	00°00'00"	-00°01'58"	0.003
23/07/2045 00:00:00	♁	27°27'00" ♃	-22°53'23"	-02°16'02"	02°08'09"	0.003
23/07/2045 00:00:00	X	00°24'17" ♃	05°28'03"	-06°33'06"	00°00'02"	93.463
23/07/2045 00:00:00	Y	15°14'21" ♃	11°32'12"	-11°08'40"	00°00'38"	79.529
24/07/2045 00:00:00	♁	01°32'01" ♁	19°48'53"	-00°00'00"	00°57'17"	1.016
24/07/2045 00:00:00	♃	06°35'40" ♃	-26°25'51"	-05°06'03"	12°32'32"	0.003
24/07/2045 00:00:00	♁	06°23'35" ♃	13°56'12"	-04°53'05"	-00°41'17"	0.582
24/07/2045 00:00:00	♁	04°10'28" ♃	11°21'41"	01°29'11"	01°11'39"	1.324
24/07/2045 00:00:00	♃	10°13'51" ♃	23°44'17"	00°41'57"	00°39'58"	2.461
24/07/2045 00:00:00	♃	11°27'48" ♃	-08°24'49"	-01°14'36"	-00°04'18"	4.192
24/07/2045 00:00:00	♅	05°20'35" ♃	-19°23'10"	01°49'54"	-00°01'28"	9.406

Ephemerides year 2045

24/07/2045 00:00:00	♃	25°36'14" ♏	13°38'42"	00°42'09"	00°03'29"	19.274
24/07/2045 00:00:00	♃	16°54'56" ♏	15°12'30"	-01°44'56"	00°00'52"	30.064
24/07/2045 00:00:00	♃	03°35'52" ♃	-21°13'28"	-11°53'07"	-00°01'02"	39.538
24/07/2045 00:00:00	♏	22°56'49" ♃	-13°51'55"	00°00'00"	-00°02'42"	0.003
24/07/2045 00:00:00	♃	17°18'20" ♃	01°22'39"	-03°56'47"	00°06'56"	9.247
24/07/2045 00:00:00	♃	17°11'28" ♃	-16°15'07"	-00°36'00"	00°06'38"	0.003
24/07/2045 00:00:00	T♏	22°56'49" ♃	-13°51'55"	00°00'00"	-00°02'42"	0.003
24/07/2045 00:00:00	T♃	00°01'00" ♃	-22°08'45"	-02°02'58"	02°56'46"	0.003
24/07/2045 00:00:00	X	00°24'19" ♏	05°28'01"	-06°33'08"	00°00'01"	93.446
24/07/2045 00:00:00	Y	15°15'00" ♃	11°32'10"	-11°08'45"	00°00'38"	79.517
25/07/2045 00:00:00	♃	02°29'18" ♏	19°36'03"	-00°00'00"	00°57'17"	1.016
25/07/2045 00:00:00	♃	19°01'27" ♃	-27°40'53"	0°04'42'58"	12°19'26"	0.003
25/07/2045 00:00:00	♃	05°41'37" ♏	14°02'53"	-04°56'36"	-00°42'30"	0.583
25/07/2045 00:00:00	♃	05°22'06" ♃	10°54'04"	01°27'44"	01°11'36"	1.318
25/07/2045 00:00:00	♃	10°53'48" ♃	23°41'39"	0°00'42'30"	00°39'55"	2.460
25/07/2045 00:00:00	♃	11°23'25" ♃	-08°26'43"	-01°14'52"	-00°04'28"	4.182
25/07/2045 00:00:00	♃	05°19'09" ♃	-19°23'08"	01°49'41"	-00°01'23"	9.420
25/07/2045 00:00:00	♃	25°39'44" ♏	13°37'30"	00°42'08"	00°03'30"	19.281
25/07/2045 00:00:00	♃	16°55'48" ♏	15°12'42"	-01°44'59"	00°00'50"	30.048

Ephemerides year 2045

25/07/2045 00:00:00	♁	03°34'49" ♋	-21°14'03"	-11°53'19"	-00°01'03"	39.530
25/07/2045 00:00:00	♁	22°53'54" ♋	-13°52'52"	00°00'00"	-00°03'03"	0.003
25/07/2045 00:00:00	♃	17°25'18" ♌	01°20'27"	-03°56'14"	00°07'00"	9.258
25/07/2045 00:00:00	♁	17°18'07" ♋	-16°12'15"	-00°35'07"	00°06'38"	0.003
25/07/2045 00:00:00	♁♁	22°53'54" ♋	-13°52'52"	00°00'00"	-00°03'03"	0.003
25/07/2045 00:00:00	♁♃	03°14'04" ♋	-21°09'10"	-01°46'15"	03°26'01"	0.003
25/07/2045 00:00:00	X	00°24'20" ♄	05°28'00"	-06°33'10"	00°00'01"	93.428
25/07/2045 00:00:00	Y	15°15'37" ♀	11°32'08"	-11°08'51"	00°00'37"	79.504
26/07/2045 00:00:00	♁	03°26'36" ♌	19°22'54"	-00°00'00"	00°57'18"	1.016
26/07/2045 00:00:00	♃	01°15'20" ♌	-27°32'59"	♁-04°07'14"	12°08'44"	0.003
26/07/2045 00:00:00	♁	04°58'49" ♌	14°11'15"	-04°58'23"	-00°42'59"	0.585
26/07/2045 00:00:00	♃	06°33'41" ♌	10°26'12"	01°26'11"	01°11'33"	1.312
26/07/2045 00:00:00	♂	11°33'42" ♉	23°38'50"	♁ 00°43'03"	00°39'52"	2.458
26/07/2045 00:00:00	♃	11°18'52" ♋	-08°28'42"	-01°15'07"	-00°04'38"	4.172
26/07/2045 00:00:00	♃	05°17'48" ♌	-19°23'07"	01°49'28"	-00°01'17"	9.434
26/07/2045 00:00:00	♃	25°43'16" ♌	13°36'18"	00°42'08"	00°03'31"	19.287
26/07/2045 00:00:00	♃	16°56'38" ♄	15°12'52"	-01°45'02"	00°00'48"	30.032
26/07/2045 00:00:00	♁	03°33'45" ♋	-21°14'38"	-11°53'31"	-00°01'04"	39.522
26/07/2045 00:00:00	♁	22°50'50" ♋	-13°53'53"	00°00'00"	-00°03'00"	0.003

Ephemerides year 2045

26/07/2045 00:00:00	♁	17°32'20" ♍	01°18'13"	-03°55'43"	00°07'03"	9.269
26/07/2045 00:00:00	♁	17°24'46" ♍	-16°09'23"	-00°34'14"	00°06'38"	0.003
26/07/2045 00:00:00	♁	22°50'50" ♍	-13°53'53"	00°00'00"	-00°03'00"	0.003
26/07/2045 00:00:00	♁	06°46'37" ♍	-19°59'11"	-01°27'28"	03°36'04"	0.003
26/07/2045 00:00:00	X	00°24'21" ♁	05°27'58"	-06°33'12"	00°00'00"	93.411
26/07/2045 00:00:00	Y	15°16'15" ♁	11°32'06"	-11°08'57"	00°00'37"	79.492
27/07/2045 00:00:00	♁	04°23'55" ♁	19°09'26"	-00°00'00"	00°57'18"	1.016
27/07/2045 00:00:00	♁	13°19'40" ♁	-26°05'55"	o-03°20'51"	12°00'16"	0.003
27/07/2045 00:00:00	♁	04°15'54" ♁	14°21'11"	-04°58'26"	-00°42'42"	0.589
27/07/2045 00:00:00	♁	07°45'14" ♍	09°58'03"	01°24'34"	01°11'30"	1.305
27/07/2045 00:00:00	♁	12°13'33" ♁	23°35'49"	o 00°43'36"	00°39'49"	2.456
27/07/2045 00:00:00	♁	11°14'09" ♁	-08°30'44"	-01°15'23"	-00°04'47"	4.162
27/07/2045 00:00:00	♁	05°16'33" ♁	-19°23'07"	01°49'14"	-00°01'12"	9.448
27/07/2045 00:00:00	♁	25°46'48" ♁	13°35'05"	00°42'07"	00°03'32"	19.293
27/07/2045 00:00:00	♁	16°57'26" ♁	15°13'03"	-01°45'06"	00°00'46"	30.015
27/07/2045 00:00:00	♁	03°32'40" ♁	-21°15'13"	-11°53'43"	-00°01'05"	39.515
27/07/2045 00:00:00	♁	22°48'00" ♍	-13°54'48"	00°00'00"	-00°02'35"	0.003
27/07/2045 00:00:00	♁	17°39'25" ♍	01°15'57"	-03°55'11"	00°07'06"	9.279
27/07/2045 00:00:00	♁	17°31'25" ♍	-16°06'31"	-00°33'22"	00°06'38"	0.003

Ephemerides year 2045

27/07/2045 00:00:00	T♄	22°48'00" ♊	-13°54'48"	00°00'00"	-00°02'35"	0.003
27/07/2045 00:00:00	T♄	10°20'52" ♊	-18°44'18"	-01°08'11"	03°30'14"	0.003
27/07/2045 00:00:00	X	00°24'22" ♄	05°27'56"	-06°33'15"	-00°00'00"	93.394
27/07/2045 00:00:00	Y	15°16'51" ♀	11°32'04"	-11°09'03"	00°00'36"	79.479
28/07/2045 00:00:00	♁	05°21'14" ♄	18°55'39"	-00°00'00"	00°57'19"	1.015
28/07/2045 00:00:00	♃	25°16'34" ♄	-23°28'14" ♁	-02°26'03"	11°53'53"	0.003
28/07/2045 00:00:00	♀	03°33'40" ♄	14°32'30"	-04°56'42"	-00°41'39"	0.594
28/07/2045 00:00:00	♀	08°56'43" ♄	09°29'41"	01°22'52"	01°11'28"	1.299
28/07/2045 00:00:00	♂	12°53'22" ♁	23°32'36" ♁	00°44'09"	00°39'47"	2.454
28/07/2045 00:00:00	♃	11°09'16" ♄	-08°32'49"	-01°15'38"	-00°04'57"	4.153
28/07/2045 00:00:00	♃	05°15'24" ♄	-19°23'08"	01°49'01"	-00°01'06"	9.462
28/07/2045 00:00:00	♃	25°50'21" ♄	13°33'53"	00°42'06"	00°03'33"	19.299
28/07/2045 00:00:00	♃	16°58'12" ♄	15°13'12"	-01°45'09"	00°00'45"	29.999
28/07/2045 00:00:00	♃	03°31'34" ♄	-21°15'49"	-11°53'55"	-00°01'06"	39.508
28/07/2045 00:00:00	♁	22°45'44" ♊	-13°55'32"	00°00'00"	-00°01'53"	0.003
28/07/2045 00:00:00	♃	17°46'34" ♄	01°13'40"	-03°54'40"	00°07'10"	9.290
28/07/2045 00:00:00	♃	17°38'04" ♊	-16°03'39"	-00°32'29"	00°06'38"	0.003
28/07/2045 00:00:00	T♄	22°45'44" ♊	-13°55'32"	00°00'00"	-00°01'53"	0.003
28/07/2045 00:00:00	T♄	13°43'55" ♊	-17°29'39"	-00°49'41"	03°14'57"	0.003

Ephemerides year 2045

28/07/2045 00:00:00	X	00°24'21" ♃	05°27'54"	-06°33'17"	-00°00'00"	93.377
28/07/2045 00:00:00	Y	15°17'28" ♀	11°32'02"	-11°09'09"	00°00'35"	79.465
29/07/2045 00:00:00	☉	06°18'34" ♋	18°41'33"	-00°00'00"	00°57'20"	1.015
29/07/2045 00:00:00	☾	07°08'08" ♎	-19°51'33"	-01°25'14"	11°49'36"	0.003
29/07/2045 00:00:00	♀	02°52'51" ♋	14°45'04"	-04°53'12"	-00°39'49"	0.600
29/07/2045 00:00:00	♀	10°08'10" ♎	09°01'04"	01°21'06"	01°11'25"	1.293
29/07/2045 00:00:00	♂	13°33'08" ♉	23°29'12" ○	00°44'42"	00°39'44"	2.452
29/07/2045 00:00:00	♃	11°04'14" ♉	-08°34'58"	-01°15'53"	-00°05'07"	4.144
29/07/2045 00:00:00	♃	05°14'20" ♉	-19°23'10"	01°48'47"	-00°01'01"	9.477
29/07/2045 00:00:00	♃	25°53'56" ♋	13°32'40"	00°42'06"	00°03'34"	19.305
29/07/2045 00:00:00	♃	16°58'56" ♃	15°13'21"	-01°45'13"	00°00'43"	29.982
29/07/2045 00:00:00	♃	03°30'28" ♉	-21°16'24"	-11°54'06"	-00°01'06"	39.501
29/07/2045 00:00:00	♋	22°44'15" ♎	-13°56'01"	00°00'00"	-00°01'03"	0.003
29/07/2045 00:00:00	♋	17°53'46" ♎	01°11'21"	-03°54'09"	00°07'13"	9.300
29/07/2045 00:00:00	♋	17°44'42" ♎	-16°00'47"	-00°31'36"	00°06'38"	0.003
29/07/2045 00:00:00	T♋	22°44'15" ♎	-13°56'01"	00°00'00"	-00°01'03"	0.003
29/07/2045 00:00:00	T♋	16°50'20" ♎	-16°18'15"	-00°32'34"	02°58'15"	0.003
29/07/2045 00:00:00	X	00°24'20" ♃	05°27'52"	-06°33'19"	-00°00'01"	93.360
29/07/2045 00:00:00	Y	15°18'03" ♀	11°31'59"	-11°09'15"	00°00'35"	79.452

Ephemerides year 2045

30/07/2045 00:00:00	☉	07°15'54" ♏	18°27'08"	00°00'00"	00°57'20"	1.015
30/07/2045 00:00:00	☾	18°56'30" ♍	-15°28'29"	-00°20'56"	11°47'29"	0.003
30/07/2045 00:00:00	♃	02°14'16" ♏	14°58'41"	-04°47'58"	-00°37'14"	0.608
30/07/2045 00:00:00	♄	11°19'33" ♏	08°32'14"	01°19'14"	01°11'22"	1.286
30/07/2045 00:00:00	♅	14°12'51" ♏	23°25'37"	00°45'15"	00°39'41"	2.450
30/07/2045 00:00:00	♆	10°59'02" ♏	-08°37'10"	-01°16'07"	-00°05'16"	4.135
30/07/2045 00:00:00	♇	05°13'22" ♏	-19°23'13"	01°48'34"	-00°00'55"	9.491
30/07/2045 00:00:00	♁	25°57'31" ♏	13°31'26"	00°42'05"	00°03'35"	19.310
30/07/2045 00:00:00	♂	16°59'38" ♏	15°13'30"	-01°45'16"	00°00'41"	29.966
30/07/2045 00:00:00	♂	03°29'21" ♏	-21°16'59"	-11°54'17"	-00°01'07"	39.494
30/07/2045 00:00:00	♁	22°43'36" ♍	-13°56'14"	00°00'00"	-00°00'14"	0.003
30/07/2045 00:00:00	♂	18°01'01" ♏	01°09'00"	-03°53'38"	00°07'16"	9.310
30/07/2045 00:00:00	♁	17°51'21" ♍	-15°57'55"	-00°30'43"	00°06'38"	0.003
30/07/2045 00:00:00	T♁	22°43'36" ♍	-13°56'14"	00°00'00"	-00°00'14"	0.003
30/07/2045 00:00:00	T♃	19°42'02" ♍	-15°10'15"	-00°16'45"	02°46'09"	0.003
30/07/2045 00:00:00	X	00°24'18" ♏	05°27'49"	-06°33'21"	-00°00'02"	93.343
30/07/2045 00:00:00	Y	15°18'38" ♏	11°31'57"	-11°09'21"	00°00'34"	79.439
31/07/2045 00:00:00	☉	08°13'15" ♏	18°12'26"	00°00'00"	00°57'21"	1.015
31/07/2045 00:00:00	☾	00°43'56" ♏	-10°31'20"	00°44'13"	11°47'48"	0.003

Ephemerides year 2045

31/07/2045 00:00:00	♀	01°38'36" ♀	15°13'10"	-04°41'05"	-00°33'56"	0.617
31/07/2045 00:00:00	♀	12°30'54" ♀	08°03'12"	01°17'18"	01°11'18"	1.280
31/07/2045 00:00:00	♂	14°52'31" ♂	23°21'51"	00°45'47"	00°39'39"	2.447
31/07/2045 00:00:00	♃	10°53'41" ♃	-08°39'26"	-01°16'22"	-00°05'25"	4.127
31/07/2045 00:00:00	♄	05°12'29" ♄	-19°23'18"	01°48'20"	-00°00'49"	9.506
31/07/2045 00:00:00	♅	26°01'07" ♅	13°30'13"	00°42'05"	00°03'36"	19.315
31/07/2045 00:00:00	♆	17°00'18" ♆	15°13'38"	-01°45'19"	00°00'39"	29.949
31/07/2045 00:00:00	♁	03°28'13" ♁	-21°17'35"	-11°54'28"	-00°01'08"	39.488
31/07/2045 00:00:00	♁	22°43'44" ♁	-13°56'12"	00°00'00"	00°00'27"	0.003
31/07/2045 00:00:00	♁	18°08'19" ♁	01°06'38"	-03°53'08"	00°07'19"	9.319
31/07/2045 00:00:00	♁	17°58'00" ♁	-15°55'02"	-00°29'50"	00°06'38"	0.003
31/07/2045 00:00:00	T♁	22°43'44" ♁	-13°56'12"	00°00'00"	00°00'27"	0.003
31/07/2045 00:00:00	T♁	22°24'30" ♁	-14°04'08"	-00°01'46"	02°39'25"	0.003
31/07/2045 00:00:00	X	00°24'16" ♂	05°27'46"	-06°33'23"	-00°00'02"	93.326
31/07/2045 00:00:00	Y	15°19'12" ♀	11°31'54"	-11°09'27"	00°00'34"	79.425
01/08/2045 00:00:00	♁	09°10'37" ♅	17°57'26"	00°00'00"	00°57'22"	1.015
01/08/2045 00:00:00	♃	12°33'03" ♃	-05°11'23"	01°47'42"	11°50'53"	0.003
01/08/2045 00:00:00	♀	01°06'35" ♀	15°28'17"	-04°32'37"	-00°29'58"	0.628
01/08/2045 00:00:00	♀	13°42'11" ♀	07°33'57"	01°15'17"	01°11'15"	1.273

Ephemerides year 2045

01/08/2045 00:00:00	♂	15°32'09" ♉	23°17'53"	00°46'20"	00°39'36"	2.445
01/08/2045 00:00:00	♃	10°48'11" ♉	-08°41'44"	-01°16'36"	-00°05'34"	4.119
01/08/2045 00:00:00	♃	05°11'42" ♉	-19°23'23"	01°48'06"	-00°00'44"	9.521
01/08/2045 00:00:00	♃	26°04'43" ♉	13°28'59"	00°42'04"	00°03'37"	19.320
01/08/2045 00:00:00	♃	17°00'56" ♉	15°13'45"	-01°45'23"	00°00'37"	29.932
01/08/2045 00:00:00	♃	03°27'04" ♉	-21°18'10"	-11°54'39"	-00°01'08"	39.482
01/08/2045 00:00:00	♁	22°44'27" ♁	-13°55'58"	00°00'00"	00°00'56"	0.003
01/08/2045 00:00:00	♃	18°15'40" ♉	01°04'14"	-03°52'38"	00°07'22"	9.329
01/08/2045 00:00:00	♁	18°04'38" ♁	-15°52'09"	-00°28'58"	00°06'38"	0.003
01/08/2045 00:00:00	♁	22°44'27" ♁	-13°55'58"	00°00'00"	00°00'56"	0.003
01/08/2045 00:00:00	♁	25°01'19" ♁	-12°58'49"	00°12'39"	02°33'52"	0.003
01/08/2045 00:00:00	X	00°24'13" ♉	05°27'43"	-06°33'25"	-00°00'03"	93.309
01/08/2045 00:00:00	Y	15°19'46" ♉	11°31'51"	-11°09'34"	00°00'33"	79.411
02/08/2045 00:00:00	♁	10°08'00" ♉	17°42'08"	00°00'00"	00°57'23"	1.015
02/08/2045 00:00:00	♃	24°26'46" ♉	00°20'58"	02°46'58"	11°57'06"	0.003
02/08/2045 00:00:00	♃	00°38'51" ♉	15°43'51"	-04°22'41"	-00°25'24"	0.640
02/08/2045 00:00:00	♀	14°53'26" ♉	07°04'32"	01°13'11"	01°11'12"	1.267
02/08/2045 00:00:00	♂	16°11'44" ♉	23°13'44"	00°46'53"	00°39'33"	2.443
02/08/2045 00:00:00	♃	10°42'32" ♉	-08°44'06"	-01°16'50"	-00°05'43"	4.111

Ephemerides year 2045

02/08/2045 00:00:00	♃	05°11'00" ♏r	-19°23'29"	01°47'53"	-00°00'38"	9.536
02/08/2045 00:00:00	♃	26°08'21" ♏	13°27'45"	00°42'04"	00°03'37"	19.324
02/08/2045 00:00:00	♃	17°01'33" ♏	15°13'52"	-01°45'26"	00°00'35"	29.916
02/08/2045 00:00:00	♃	03°25'55" ♏r	-21°18'45"	-11°54'49"	-00°01'09"	39.476
02/08/2045 00:00:00	♏	22°45'30" ♏	-13°55'37"	00°00'00"	00°01'08"	0.003
02/08/2045 00:00:00	♃	18°23'05" ♏	01°01'48"	-03°52'09"	00°07'25"	9.338
02/08/2045 00:00:00	♏	18°11'17" ♏	-15°49'16"	-00°28'05"	00°06'38"	0.003
02/08/2045 00:00:00	♏	22°45'30" ♏	-13°55'37"	00°00'00"	00°01'08"	0.003
02/08/2045 00:00:00	♏	27°30'34" ♏	-11°55'22"	00°26'20"	02°23'17"	0.003
02/08/2045 00:00:00	X	00°24'09" ♏r	05°27'40"	-06°33'28"	-00°00'04"	93.292
02/08/2045 00:00:00	Y	15°20'19" ♏	11°31'48"	-11°09'40"	00°00'32"	79.397
03/08/2045 00:00:00	♏	11°05'24" ♏	17°26'33"	00°00'00"	00°57'24"	1.015
03/08/2045 00:00:00	♏	06°28'27" ♏	05°55'48"	03°39'34"	12°06'52"	0.003
03/08/2045 00:00:00	♏	00°15'56" ♏r	15°59'39"	-04°11'25"	-00°20'18"	0.653
03/08/2045 00:00:00	♏	16°04'37" ♏	06°34'56"	01°11'01"	01°11'09"	1.260
03/08/2045 00:00:00	♏	16°51'17" ♏	23°09'24"	00°47'25"	00°39'31"	2.440
03/08/2045 00:00:00	♏	10°36'44" ♏r	-08°46'31"	-01°17'04"	-00°05'51"	4.103
03/08/2045 00:00:00	♃	05°10'25" ♏r	-19°23'36"	01°47'39"	-00°00'32"	9.551
03/08/2045 00:00:00	♃	26°11'59" ♏	13°26'30"	00°42'03"	00°03'38"	19.329

Ephemerides year 2045

03/08/2045 00:00:00	♁	17°02'07" ♄	15°13'59"	-01°45'30"	00°00'33"	29.899
03/08/2045 00:00:00	♁	03°24'45" ♃	-21°19'21"	-11°54'59"	-00°01'10"	39.470
03/08/2045 00:00:00	♁	22°46'39" ♁	-13°55'15"	00°00'00"	00°01'05"	0.003
03/08/2045 00:00:00	♁	18°30'32" ♃	00°59'21"	-03°51'40"	00°07'28"	9.348
03/08/2045 00:00:00	♁	18°17'56" ♁	-15°46'23"	-00°27'12"	00°06'38"	0.003
03/08/2045 00:00:00	T♁	22°46'39" ♁	-13°55'15"	00°00'00"	00°01'05"	0.003
03/08/2045 00:00:00	T♁	29°44'23" ♁	-10°57'33"	00°38'34"	02°02'16"	0.003
03/08/2045 00:00:00	X	00°24'05" ♄	05°27'36"	-06°33'30"	-00°00'04"	93.275
03/08/2045 00:00:00	Y	15°20'52" ♃	11°31'45"	-11°09'47"	00°00'32"	79.383
04/08/2045 00:00:00	♁	12°02'50" ♃	17°10'41"	00°00'00"	00°57'25"	1.015
04/08/2045 00:00:00	♁	18°41'48" ♃	11°22'38"	04°23'06"	12°20'29"	0.003
04/08/2045 00:00:00	♁	29°58'22" ♄	16°15'29"	-03°58'58"	-00°14'44"	0.668
04/08/2045 00:00:00	♁	17°15'45" ♃	06°05'10"	01°08'46"	01°11'06"	1.254
04/08/2045 00:00:00	♁	17°30'47" ♄	23°04'54"	00°47'57"	00°39'28"	2.438
04/08/2045 00:00:00	♁	10°30'48" ♃	-08°48'58"	-01°17'18"	-00°06'00"	4.095
04/08/2045 00:00:00	♁	05°09'55" ♄	-19°23'44"	01°47'25"	-00°00'27"	9.566
04/08/2045 00:00:00	♁	26°15'38" ♃	13°25'15"	00°42'03"	00°03'39"	19.333
04/08/2045 00:00:00	♁	17°02'40" ♄	15°14'04"	-01°45'33"	00°00'31"	29.882
04/08/2045 00:00:00	♁	03°23'34" ♃	-21°19'56"	-11°55'08"	-00°01'10"	39.465

Ephemerides year 2045

04/08/2045 00:00:00	♁	22°47'38" ♁	-13°54'56"	00°00'00"	00°00'49"	0.003
04/08/2045 00:00:00	♋	18°38'03" ♃	00°56'52"	-03°51'11"	00°07'31"	9.357
04/08/2045 00:00:00	♌	18°24'34" ♄	-15°43'30"	-00°26'19"	00°06'38"	0.003
04/08/2045 00:00:00	♁	22°47'38" ♁	-13°54'56"	00°00'00"	00°00'49"	0.003
04/08/2045 00:00:00	♌	01°30'31" ♄	-10°11'06"	00°48'13"	01°27'36"	0.003
04/08/2045 00:00:00	X	00°24'00" ♂	05°27'33"	-06°33'32"	-00°00'05"	93.258
04/08/2045 00:00:00	Y	15°21'23" ♀	11°31'42"	-11°09'53"	00°00'31"	79.369
05/08/2045 00:00:00	♁	13°00'16" ♁	16°54'32"	00°00'00"	00°57'27"	1.014
05/08/2045 00:00:00	♃	01°10'45" ♂	16°29'23"	04°55'14"	12°38'04"	0.003
05/08/2045 00:00:00	♌	29°46'34" ♄	16°31'08"	-03°45'27"	-00°08'47"	0.684
05/08/2045 00:00:00	♌	18°26'51" ♄	05°35'15"	01°06'26"	01°11'03"	1.247
05/08/2045 00:00:00	♍	18°10'15" ♅	23°00'12"	00°48'30"	00°39'26"	2.436
05/08/2045 00:00:00	♋	10°24'44" ♃	-08°51'29"	-01°17'31"	-00°06'08"	4.088
05/08/2045 00:00:00	♌	05°09'31" ♄	-19°23'54"	01°47'11"	-00°00'21"	9.581
05/08/2045 00:00:00	♌	26°19'18" ♄	13°24'00"	00°42'03"	00°03'40"	19.336
05/08/2045 00:00:00	♍	17°03'10" ♂	15°14'09"	-01°45'37"	00°00'29"	29.865
05/08/2045 00:00:00	♌	03°22'23" ♄	-21°20'31"	-11°55'18"	-00°01'11"	39.460
05/08/2045 00:00:00	♁	22°48'16" ♁	-13°54'43"	00°00'00"	00°00'25"	0.003
05/08/2045 00:00:00	♋	18°45'36" ♃	00°54'22"	-03°50'42"	00°07'34"	9.365

Ephemerides year 2045

05/08/2045 00:00:00	☾	18°31'13" ♊	-15°40'36"	-00°25'26"	00°06'38"	0.003
05/08/2045 00:00:00	♄	22°48'16" ♊	-13°54'43"	00°00'00"	00°00'25"	0.003
05/08/2045 00:00:00	♃	02°34'53" ♋	-09°42'42"	00°54'03"	00°38'56"	0.003
05/08/2045 00:00:00	X	00°23'54" ♄	05°27'29"	-06°33'34"	-00°00'05"	93.242
05/08/2045 00:00:00	Y	15°21'55" ♋	11°31'38"	-11°10'00"	00°00'30"	79.354
06/08/2045 00:00:00	☉	13°57'44" ♋	16°38'06"	00°00'00"	00°57'28"	1.014
06/08/2045 00:00:00	☾	13°59'13" ♋	21°01'09"	05°13'44"	12°59'25"	0.003
06/08/2045 00:00:00	♀	29°40'53" ♋	16°46'24"	-03°31'02"	-00°02'32"	0.701
06/08/2045 00:00:00	♀	19°37'53" ♋	05°05'11"	01°04'02"	01°11'00"	1.240
06/08/2045 00:00:00	♂	18°49'40" ♋	22°55'20"	00°49'02"	00°39'23"	2.433
06/08/2045 00:00:00	♃	10°18'32" ♋	-08°54'02"	-01°17'44"	-00°06'15"	4.081
06/08/2045 00:00:00	♃	05°09'12" ♋	-19°24'04"	01°46'58"	-00°00'15"	9.597
06/08/2045 00:00:00	♃	26°22'58" ♋	13°22'45"	00°42'02"	00°03'40"	19.340
06/08/2045 00:00:00	♃	17°03'39" ♋	15°14'14"	-01°45'41"	00°00'27"	29.849
06/08/2045 00:00:00	♃	03°21'11" ♋	-21°21'06"	-11°55'27"	-00°01'11"	39.455
06/08/2045 00:00:00	♄	22°48'29" ♋	-13°54'39"	00°00'00"	00°00'00"	0.003
06/08/2045 00:00:00	♃	18°53'12" ♋	00°51'51"	-03°50'14"	00°07'37"	9.374
06/08/2045 00:00:00	☾	18°37'51" ♋	-15°37'42"	-00°24'33"	00°06'38"	0.003
06/08/2045 00:00:00	♄	22°48'29" ♋	-13°54'39"	00°00'00"	00°00'00"	0.003

Ephemerides year 2045

06/08/2045 00:00:00	T♄	02°44'54" ♋	-09°38'16"	00°54'57"	-00°20'02"	0.003
06/08/2045 00:00:00	X	00°23'48" ♄	05°27'25"	-06°33'36"	-00°00'06"	93.225
06/08/2045 00:00:00	Y	15°22'25" ♋	11°31'34"	-11°10'07"	00°00'30"	79.340
07/08/2045 00:00:00	☉	14°55'13" ♋	16°21'24"	00°00'00"	00°57'29"	1.014
07/08/2045 00:00:00	☾	27°10'40" ♄	24°39'22" ♋	05°16'33"	13°23'54"	0.003
07/08/2045 00:00:00	♀	29°41'34" ♋	17°01'05"	-03°15'53"	00°03'57"	0.719
07/08/2045 00:00:00	♀	20°48'52" ♋	04°34'59"	01°01'34"	01°10'57"	1.234
07/08/2045 00:00:00	♂	19°29'03" ♋	22°50'17"	00°49'34"	00°39'21"	2.431
07/08/2045 00:00:00	♃	10°12'12" ♋	-08°56'38"	-01°17'57"	-00°06'23"	4.074
07/08/2045 00:00:00	♅	05°09'00" ♋	-19°24'15"	01°46'44"	-00°00'09"	9.612
07/08/2045 00:00:00	♁	26°26'39" ♋	13°21'29"	00°42'02"	00°03'41"	19.343
07/08/2045 00:00:00	♃	17°04'06" ♄	15°14'18"	-01°45'44"	00°00'25"	29.832
07/08/2045 00:00:00	♁	03°19'59" ♋	-21°21'42"	-11°55'36"	-00°01'12"	39.450
07/08/2045 00:00:00	♁	22°48'18" ♋	-13°54'42"	00°00'00"	-00°00'21"	0.003
07/08/2045 00:00:00	♁	19°00'52" ♋	00°49'17"	-03°49'46"	00°07'40"	9.383
07/08/2045 00:00:00	♁	18°44'30" ♋	-15°34'48"	-00°23'40"	00°06'38"	0.003
07/08/2045 00:00:00	T♁	22°48'18" ♋	-13°54'42"	00°00'00"	-00°00'21"	0.003
07/08/2045 00:00:00	T♄	01°54'21" ♋	-10°00'38"	00°50'21"	-01°20'14"	0.003
07/08/2045 00:00:00	X	00°23'41" ♄	05°27'20"	-06°33'38"	-00°00'07"	93.208

Ephemerides year 2045

07/08/2045 00:00:00	Y	15°22'56" ♀	11°31'31"	-11°10'13"	00°00'29"	79.325
08/08/2045 00:00:00	☉	15°52'43" ♋	16°04'27"	00°00'00"	00°57'31"	1.014
08/08/2045 00:00:00	☾	10°47'39" ♀	27°02'29" ♁	05°02'02"	13°50'14"	0.003
08/08/2045 00:00:00	♋	29°48'52" ♁	17°15'00"	-03°00'08"	00°10'38"	0.739
08/08/2045 00:00:00	♌	21°59'49" ♎	04°04'40"	00°59'00"	01°10'54"	1.227
08/08/2045 00:00:00	♍	20°08'23" ♁	22°45'03"	00°50'06"	00°39'18"	2.428
08/08/2045 00:00:00	♎	10°05'45" ♋	-08°59'16"	-01°18'09"	-00°06'30"	4.067
08/08/2045 00:00:00	♏	05°08'53" ♌	-19°24'28"	01°46'30"	-00°00'03"	9.628
08/08/2045 00:00:00	♐	26°30'21" ♋	13°20'14"	00°42'02"	00°03'41"	19.346
08/08/2045 00:00:00	♑	17°04'31" ♏	15°14'22"	-01°45'48"	00°00'23"	29.815
08/08/2045 00:00:00	♒	03°18'47" ♋	-21°22'16"	-11°55'44"	-00°01'12"	39.446
08/08/2045 00:00:00	♓	22°47'48" ♋	-13°54'52"	00°00'00"	-00°00'34"	0.003
08/08/2045 00:00:00	♈	19°08'34" ♎	00°46'43"	-03°49'18"	00°07'43"	9.391
08/08/2045 00:00:00	♉	18°51'09" ♋	-15°31'54"	-00°22'47"	00°06'38"	0.003
08/08/2045 00:00:00	T♏	22°47'48" ♋	-13°54'52"	00°00'00"	-00°00'34"	0.003
08/08/2045 00:00:00	T♎	00°08'35" ♋	-10°47'04"	00°40'42"	-02°08'00"	0.003
08/08/2045 00:00:00	X	00°23'34" ♏	05°27'16"	-06°33'40"	-00°00'07"	93.192
08/08/2045 00:00:00	Y	15°23'25" ♀	11°31'27"	-11°10'20"	00°00'29"	79.310
09/08/2045 00:00:00	☉	16°50'15" ♋	15°47'14"	00°00'00"	00°57'32"	1.014

Ephemerides year 2045

09/08/2045 00:00:00	♃	24°51'08" ♀	27°49'11" ♀	04°29'17"	14°16'32"	0.002
09/08/2045 00:00:00	♄	00°02'54" ♀	17°27'56"	-02°43'55"	00°17'26"	0.760
09/08/2045 00:00:00	♅	23°10'42" ♀	03°34'15"	00°56'23"	01°10'51"	1.220
09/08/2045 00:00:00	♆	20°47'40" ♀	22°39'40"	00°50'38"	00°39'16"	2.425
09/08/2045 00:00:00	♇	09°59'11" ♀	-09°01'56"	-01°18'22"	-00°06'37"	4.061
09/08/2045 00:00:00	♈	05°08'53" ♀	-19°24'41"	01°46'16"	00°00'02"	9.644
09/08/2045 00:00:00	♉	26°34'03" ♀	13°18'58"	00°42'02"	00°03'42"	19.349
09/08/2045 00:00:00	♊	17°04'54" ♀	15°14'25"	-01°45'51"	00°00'22"	29.798
09/08/2045 00:00:00	♋	03°17'34" ♀	-21°22'51"	-11°55'52"	-00°01'13"	39.442
09/08/2045 00:00:00	♌	22°47'11" ♀	-13°55'04"	00°00'00"	-00°00'38"	0.003
09/08/2045 00:00:00	♍	19°16'19" ♀	00°44'07"	-03°48'51"	00°07'46"	9.399
09/08/2045 00:00:00	♎	18°57'48" ♀	-15°29'00"	-00°21'55"	00°06'38"	0.003
09/08/2045 00:00:00	♏	22°47'11" ♀	-13°55'04"	00°00'00"	-00°00'38"	0.003
09/08/2045 00:00:00	♐	27°46'43" ♀	-11°48'33"	00°27'42"	-02°31'00"	0.003
09/08/2045 00:00:00	♑	00°23'26" ♀	05°27'11"	-06°33'42"	-00°00'08"	93.175
09/08/2045 00:00:00	♒	15°23'54" ♀	11°31'23"	-11°10'27"	00°00'28"	79.295
10/08/2045 00:00:00	♓	17°47'48" ♀	15°29'45"	00°00'00"	00°57'33"	1.014
10/08/2045 00:00:00	♈	09°19'53" ♀	26°44'34" ♀	03°38'42"	14°40'19"	0.002
10/08/2045 00:00:00	♉	00°23'46" ♀	17°39'43"	-02°27'24"	00°24'17"	0.782

Ephemerides year 2045

10/08/2045 00:00:00	♀	24°21'32" ♍	03°03'43"	00°53'41"	01°10'48"	1.213
10/08/2045 00:00:00	♂	21°26'55" ♃	22°34'05"	00°51'09"	00°39'13"	2.423
10/08/2045 00:00:00	♃	09°52'29" ♃	-09°04'39"	-01°18'34"	-00°06'44"	4.055
10/08/2045 00:00:00	♃	05°08'58" ♃	-19°24'56"	01°46'02"	00°00'08"	9.659
10/08/2045 00:00:00	♃	26°37'46" ♃	13°17'42"	00°42'02"	00°03'42"	19.351
10/08/2045 00:00:00	♃	17°05'15" ♃	15°14'27"	-01°45'55"	00°00'20"	29.781
10/08/2045 00:00:00	♃	03°16'20" ♃	-21°23'26"	-11°56'00"	-00°01'13"	39.438
10/08/2045 00:00:00	♃	22°46'35" ♃	-13°55'16"	00°00'00"	-00°00'31"	0.003
10/08/2045 00:00:00	♃	19°24'06" ♃	00°41'29"	-03°48'24"	00°07'48"	9.407
10/08/2045 00:00:00	♃	19°04'27" ♃	-15°26'05"	-00°21'02"	00°06'38"	0.003
10/08/2045 00:00:00	T♃	22°46'35" ♃	-13°55'16"	00°00'00"	-00°00'31"	0.003
10/08/2045 00:00:00	T♃	25°15'40" ♃	-12°52'55"	00°13'48"	-02°27'13"	0.003
10/08/2045 00:00:00	X	00°23'18" ♃	05°27'06"	-06°33'44"	-00°00'08"	93.159
10/08/2045 00:00:00	Y	15°24'22" ♃	11°31'18"	-11°10'34"	00°00'27"	79.280
11/08/2045 00:00:00	♃	18°45'23" ♃	15°12'02"	00°00'00"	00°57'35"	1.014
11/08/2045 00:00:00	♃	24°10'02" ♃	23°46'32"	02°32'23"	14°58'52"	0.002
11/08/2045 00:00:00	♃	00°51'30" ♃	17°50'09"	-02°10'42"	00°31'09"	0.805
11/08/2045 00:00:00	♀	25°32'18" ♍	02°33'06"	00°50'55"	01°10'45"	1.207
11/08/2045 00:00:00	♂	22°06'08" ♃	22°28'21"	00°51'41"	00°39'11"	2.420

Ephemerides year 2045

11/08/2045 00:00:00	♃	09°45'41" ♉	-09°07'25"	-01°18'46"	-00°06'51"	4.049
11/08/2045 00:00:00	♅	05°09'09" ♈	-19°25'12"	01°45'48"	00°00'13"	9.675
11/08/2045 00:00:00	♆	26°41'29" ♉	13°16'25"	00°42'01"	00°03'43"	19.354
11/08/2045 00:00:00	♇	17°05'34" ♈	15°14'29"	-01°45'58"	00°00'17"	29.764
11/08/2045 00:00:00	♁	03°15'06" ♉	-21°24'01"	-11°56'08"	-00°01'14"	39.435
11/08/2045 00:00:00	♁	22°46'09" ♉	-13°55'24"	00°00'00"	-00°00'20"	0.003
11/08/2045 00:00:00	♆	19°31'56" ♉	00°38'50"	-03°47'58"	00°07'51"	9.414
11/08/2045 00:00:00	♁	19°11'06" ♉	-15°23'11"	-00°20'09"	00°06'38"	0.003
11/08/2045 00:00:00	♁	22°46'09" ♉	-13°55'24"	00°00'00"	-00°00'20"	0.003
11/08/2045 00:00:00	♁	22°57'32" ♉	-13°50'42"	00°01'03"	-02°07'51"	0.003
11/08/2045 00:00:00	X	00°23'08" ♈	05°27'01"	-06°33'46"	-00°00'09"	93.143
11/08/2045 00:00:00	Y	15°24'50" ♉	11°31'14"	-11°10'42"	00°00'27"	79.264
12/08/2045 00:00:00	♁	19°42'58" ♉	14°54'04"	00°00'00"	00°57'36"	1.013
12/08/2045 00:00:00	♁	09°15'03" ♉	19°08'01"	01°14'26"	15°09'44"	0.002
12/08/2045 00:00:00	♆	01°26'05" ♉	17°59'03"	-01°53'56"	00°37'59"	0.828
12/08/2045 00:00:00	♆	26°43'02" ♉	02°02'25"	00°48'05"	01°10'41"	1.200
12/08/2045 00:00:00	♂	22°45'18" ♈	22°22'26"	00°52'13"	00°39'08"	2.417
12/08/2045 00:00:00	♃	09°38'46" ♉	-09°10'12"	-01°18'57"	-00°06'57"	4.044
12/08/2045 00:00:00	♅	05°09'25" ♈	-19°25'29"	01°45'34"	00°00'19"	9.691

Ephemerides year 2045

12/08/2045 00:00:00	♃	26°45'12" ♏	13°15'09"	00°42'01"	00°03'43"	19.356
12/08/2045 00:00:00	♃	17°05'51" ♏	15°14'31"	-01°46'02"	00°00'15"	29.748
12/08/2045 00:00:00	♃	03°13'52" ♃	-21°24'35"	-11°56'15"	-00°01'14"	39.432
12/08/2045 00:00:00	♏	22°45'55" ♃	-13°55'29"	00°00'00"	-00°00'07"	0.003
12/08/2045 00:00:00	♃	19°39'48" ♃	00°36'10"	-03°47'32"	00°07'53"	9.422
12/08/2045 00:00:00	♃	19°17'44" ♃	-15°20'16"	-00°19'16"	00°06'38"	0.003
12/08/2045 00:00:00	♏	22°45'55" ♃	-13°55'29"	00°00'00"	-00°00'07"	0.003
12/08/2045 00:00:00	♃	20°59'23" ♃	-14°39'13"	-00°09'52"	-01°50'00"	0.003
12/08/2045 00:00:00	X	00°22'59" ♏	05°26'56"	-06°33'48"	-00°00'10"	93.126
12/08/2045 00:00:00	Y	15°25'17" ♃	11°31'10"	-11°10'49"	00°00'26"	79.249
13/08/2045 00:00:00	♃	20°40'35" ♏	14°35'51"	00°00'00"	00°57'37"	1.013
13/08/2045 00:00:00	♃	24°26'26" ♏	13°13'35"	-00°09'19"	15°11'23"	0.002
13/08/2045 00:00:00	♃	02°07'28" ♏	18°06'14"	-01°37'13"	00°44'45"	0.853
13/08/2045 00:00:00	♃	27°53'42" ♃	01°31'40"	00°45'10"	01°10'38"	1.193
13/08/2045 00:00:00	♃	23°24'25" ♃	22°16'22"	00°52'44"	00°39'05"	2.414
13/08/2045 00:00:00	♃	09°31'46" ♃	-09°13'01"	-01°19'08"	-00°07'03"	4.039
13/08/2045 00:00:00	♃	05°09'48" ♃	-19°25'46"	01°45'20"	00°00'25"	9.707
13/08/2045 00:00:00	♃	26°48'56" ♏	13°13'52"	00°42'01"	00°03'43"	19.357
13/08/2045 00:00:00	♃	17°06'05" ♏	15°14'31"	-01°46'05"	00°00'13"	29.731

Ephemerides year 2045

13/08/2045 00:00:00	♁	03°12'37" ♃	-21°25'10"	-11°56'22"	-00°01'15"	39.429
13/08/2045 00:00:00	♁	22°45'52" ♁	-13°55'30"	00°00'00"	00°00'00"	0.003
13/08/2045 00:00:00	♃	19°47'43" ♃	00°33'28"	-03°47'06"	00°07'55"	9.429
13/08/2045 00:00:00	♁	19°24'23" ♁	-15°17'21"	-00°18'23"	00°06'38"	0.003
13/08/2045 00:00:00	♁♁	22°45'52" ♁	-13°55'30"	00°00'00"	00°00'00"	0.003
13/08/2045 00:00:00	♁♃	19°12'39" ♁	-15°22'19"	-00°19'44"	-01°46'26"	0.003
13/08/2045 00:00:00	X	00°22'48" ♃	05°26'51"	-06°33'50"	-00°00'10"	93.110
13/08/2045 00:00:00	Y	15°25'43" ♃	11°31'05"	-11°10'56"	00°00'25"	79.233
14/08/2045 00:00:00	♁	21°38'13" ♁	14°17'25"	-00°00'00"	00°57'38"	1.013
14/08/2045 00:00:00	♃	09°34'41" ♃	06°33'13"	-01°32'08"	15°03'35"	0.002
14/08/2045 00:00:00	♁	02°55'33" ♁	18°11'32"	-01°20'41"	00°51'24"	0.878
14/08/2045 00:00:00	♃	29°04'18" ♃	01°00'52"	00°42'11"	01°10'34"	1.186
14/08/2045 00:00:00	♃	24°03'29" ♃	22°10'08"	00°53'15"	00°39'02"	2.411
14/08/2045 00:00:00	♃	09°24'39" ♃	-09°15'52"	-01°19'19"	-00°07'09"	4.034
14/08/2045 00:00:00	♃	05°10'16" ♃	-19°26'05"	01°45'06"	00°00'31"	9.723
14/08/2045 00:00:00	♁	26°52'40" ♁	13°12'36"	00°42'01"	00°03'44"	19.359
14/08/2045 00:00:00	♃	17°06'18" ♃	15°14'32"	-01°46'09"	00°00'11"	29.714
14/08/2045 00:00:00	♁	03°11'22" ♃	-21°25'44"	-11°56'29"	-00°01'15"	39.426
14/08/2045 00:00:00	♁	22°45'55" ♁	-13°55'29"	00°00'00"	00°00'03"	0.003

Ephemerides year 2045

14/08/2045 00:00:00	♁	19°55'40" ♎	00°30'45"	-03°46'40"	00°07'58"	9.436
14/08/2045 00:00:00	♁	19°31'02" ♎	-15°14'26"	-00°17'30"	00°06'38"	0.003
14/08/2045 00:00:00	♁	22°45'55" ♎	-13°55'29"	00°00'00"	00°00'03"	0.003
14/08/2045 00:00:00	♁	17°20'46" ♎	-16°06'39"	-00°30'05"	-01°59'43"	0.003
14/08/2045 00:00:00	X	00°22'37" ♄	05°26'45"	-06°33'52"	-00°00'11"	93.094
14/08/2045 00:00:00	Y	15°26'08" ♀	11°31'01"	-11°11'03"	00°00'24"	79.218
15/08/2045 00:00:00	♁	22°35'52" ♎	13°58'46"	-00°00'00"	00°57'39"	1.013
15/08/2045 00:00:00	♁	24°30'50" ♎	-00°23'06"	-02°47'32"	14°47'28"	0.002
15/08/2045 00:00:00	♁	03°50'13" ♎	18°14'46"	-01°04'25"	00°57'54"	0.904
15/08/2045 00:00:00	♁	00°14'50" ♎	00°30'01"	00°39'09"	01°10'30"	1.179
15/08/2045 00:00:00	♁	24°42'30" ♎	22°03'44"	00°53'47"	00°39'00"	2.408
15/08/2045 00:00:00	♁	09°17'27" ♎	-09°18'45"	-01°19'30"	-00°07'14"	4.029
15/08/2045 00:00:00	♁	05°10'51" ♎	-19°26'25"	01°44'52"	00°00'37"	9.739
15/08/2045 00:00:00	♁	26°56'24" ♎	13°11'19"	00°42'01"	00°03'44"	19.360
15/08/2045 00:00:00	♁	17°06'29" ♎	15°14'31"	-01°46'13"	00°00'09"	29.697
15/08/2045 00:00:00	♁	03°10'06" ♎	-21°26'18"	-11°56'35"	-00°01'15"	39.424
15/08/2045 00:00:00	♁	22°45'57" ♎	-13°55'28"	00°00'00"	00°00'00"	0.003
15/08/2045 00:00:00	♁	20°03'39" ♎	00°28'01"	-03°46'15"	00°08'00"	9.443
15/08/2045 00:00:00	♁	19°37'40" ♎	-15°11'30"	-00°16'37"	00°06'38"	0.003

Ephemerides year 2045

15/08/2045 00:00:00	T♁	22°45'57" ♁	-13°55'28"	00°00'00"	00°00'00"	0.003
15/08/2045 00:00:00	T♆	15°10'22" ♁	-16°57'12"	-00°42'06"	-02°21'12"	0.003
15/08/2045 00:00:00	X	00°22'25" ♂	05°26'39"	-06°33'54"	-00°00'12"	93.078
15/08/2045 00:00:00	Y	15°26'33" ♀	11°30'56"	-11°11'11"	00°00'24"	79.202
16/08/2045 00:00:00	♁	23°33'31" ♂	13°39'53"	-00°00'00"	00°57'40"	1.013
16/08/2045 00:00:00	♂	09°07'37" ♀	-07°08'37"	-03°50'16"	14°25'15"	0.002
16/08/2045 00:00:00	♀	04°51'18" ♂	18°15'47"	-00°48'31"	01°04'13"	0.930
16/08/2045 00:00:00	♂	01°25'19" ♀	-00°00'51"	00°36'02"	01°10'26"	1.172
16/08/2045 00:00:00	♂	25°21'29" ♀	21°57'10"	00°54'18"	00°38'57"	2.405
16/08/2045 00:00:00	♂	09°10'09" ♀	-09°21'39"	-01°19'40"	-00°07'19"	4.025
16/08/2045 00:00:00	♂	05°11'31" ♀	-19°26'46"	01°44'38"	00°00'43"	9.756
16/08/2045 00:00:00	♂	27°00'08" ♂	13°10'02"	00°42'01"	00°03'44"	19.361
16/08/2045 00:00:00	♂	17°06'38" ♂	15°14'30"	-01°46'16"	00°00'07"	29.680
16/08/2045 00:00:00	♂	03°08'50" ♀	-21°26'52"	-11°56'41"	-00°01'16"	39.422
16/08/2045 00:00:00	♁	22°45'55" ♁	-13°55'29"	00°00'00"	-00°00'04"	0.003
16/08/2045 00:00:00	♂	20°11'41" ♀	00°25'16"	-03°45'50"	00°08'02"	9.450
16/08/2045 00:00:00	♆	19°44'19" ♁	-15°08'35"	-00°15'44"	00°06'38"	0.003
16/08/2045 00:00:00	T♁	22°45'55" ♁	-13°55'29"	00°00'00"	-00°00'04"	0.003
16/08/2045 00:00:00	T♆	12°41'03" ♁	-17°53'27"	-00°55'46"	-02°34'37"	0.003

Ephemerides year 2045

16/08/2045 00:00:00	X	00°22'13" ♄	05°26'33"	-06°33'56"	-00°00'12"	93.062
16/08/2045 00:00:00	Y	15°26'57" ♀	11°30'51"	-11°11'18"	00°00'23"	79.186
17/08/2045 00:00:00	☉	24°31'12" ♃	13°20'47"	-00°00'00"	00°57'41"	1.013
17/08/2045 00:00:00	☾	23°20'14" ♄	-13°20'55"	-04°36'56"	13°59'37"	0.002
17/08/2045 00:00:00	♀	05°58'36" ♃	18°14'26"	-00°33'05"	01°10'18"	0.957
17/08/2045 00:00:00	♀	02°35'44" ♄	-00°31'45"	00°32'52"	01°10'22"	1.165
17/08/2045 00:00:00	♂	26°00'25" ♃	21°50'26"	00°54'49"	00°38'54"	2.402
17/08/2045 00:00:00	♃	09°02'47" ♃	-09°24'35"	-01°19'50"	-00°07'24"	4.021
17/08/2045 00:00:00	♃	05°12'17" ♃	-19°27'08"	01°44'24"	00°00'48"	9.772
17/08/2045 00:00:00	♃	27°03'53" ♃	13°08'45"	00°42'01"	00°03'44"	19.361
17/08/2045 00:00:00	♃	17°06'45" ♄	15°14'29"	-01°46'20"	00°00'05"	29.664
17/08/2045 00:00:00	♃	03°07'34" ♃	-21°27'26"	-11°56'47"	-00°01'16"	39.420
17/08/2045 00:00:00	♃	22°45'48" ♃	-13°55'31"	00°00'00"	-00°00'10"	0.003
17/08/2045 00:00:00	♃	20°19'45" ♃	00°22'29"	-03°45'25"	00°08'04"	9.456
17/08/2045 00:00:00	♃	19°50'57" ♃	-15°05'39"	-00°14'51"	00°06'38"	0.003
17/08/2045 00:00:00	T♃	22°45'48" ♃	-13°55'31"	00°00'00"	-00°00'10"	0.003
17/08/2045 00:00:00	T♃	10°08'59" ♃	-18°48'51"	-01°09'34"	-02°24'52"	0.003
17/08/2045 00:00:00	X	00°22'00" ♄	05°26'27"	-06°33'58"	-00°00'13"	93.047
17/08/2045 00:00:00	Y	15°27'20" ♀	11°30'45"	-11°11'26"	00°00'22"	79.170

Ephemerides year 2045

18/08/2045 00:00:00	☉	25°28'55" ♋	13°01'28"	-00°00'00"	00°57'42"	1.012
18/08/2045 00:00:00	☾	07°06'35" ♎	-18°41'51"	-05°06'01"	13°33'07"	0.003
18/08/2045 00:00:00	♀	07°11'51" ♋	18°10'34"	-00°18'11"	01°16'09"	0.984
18/08/2045 00:00:00	♀	03°46'05" ♋	-01°02'39"	00°29'38"	01°10'18"	1.158
18/08/2045 00:00:00	♂	26°39'19" ♉	21°43'34"	00°55'20"	00°38'51"	2.399
18/08/2045 00:00:00	♃	08°55'20" ♉	-09°27'31"	-01°19'59"	-00°07'28"	4.017
18/08/2045 00:00:00	♄	05°13'08" ♉	-19°27'31"	01°44'10"	00°00'54"	9.788
18/08/2045 00:00:00	♅	27°07'38" ♋	13°07'29"	00°42'02"	00°03'44"	19.362
18/08/2045 00:00:00	♆	17°06'50" ♉	15°14'27"	-01°46'23"	00°00'03"	29.647
18/08/2045 00:00:00	♇	03°06'17" ♉	-21°27'59"	-11°56'52"	-00°01'16"	39.419
18/08/2045 00:00:00	♈	22°45'37" ♏	-13°55'35"	00°00'00"	-00°00'10"	0.003
18/08/2045 00:00:00	♉	20°27'50" ♎	00°19'42"	-03°45'01"	00°08'06"	9.462
18/08/2045 00:00:00	♊	19°57'36" ♏	-15°02'43"	-00°13'58"	00°06'38"	0.003
18/08/2045 00:00:00	♋	22°45'37" ♏	-13°55'35"	00°00'00"	-00°00'10"	0.003
18/08/2045 00:00:00	♌	08°00'34" ♏	-19°34'04"	-01°21'07"	-01°47'49"	0.003
18/08/2045 00:00:00	X	00°21'46" ♉	05°26'21"	-06°34'00"	-00°00'13"	93.031
18/08/2045 00:00:00	Y	15°27'43" ♉	11°30'40"	-11°11'33"	00°00'22"	79.154
19/08/2045 00:00:00	☉	26°26'38" ♋	12°41'57"	-00°00'00"	00°57'43"	1.012
19/08/2045 00:00:00	☾	20°26'54" ♎	-22°57'08"	-05°17'28"	13°07'52"	0.003

Ephemerides year 2045

19/08/2045 00:00:00	♀	08°30'48" ♀	18°04'04"	-00°03'56"	01°21'41"	1.010
19/08/2045 00:00:00	♀	04°56'22" ♀	-01°33'33"	00°26'20"	01°10'14"	1.151
19/08/2045 00:00:00	♂	27°18'09" ♂	21°36'32"	00°55'51"	00°38'49"	2.395
19/08/2045 00:00:00	♃	08°47'49" ♃	-09°30'29"	-01°20'08"	-00°07'32"	4.014
19/08/2045 00:00:00	♄	05°14'06" ♄	-19°27'54"	01°43'56"	00°01'00"	9.805
19/08/2045 00:00:00	♅	27°11'23" ♅	13°06'12"	00°42'02"	00°03'44"	19.362
19/08/2045 00:00:00	♆	17°06'52" ♆	15°14'24"	-01°46'27"	00°00'01"	29.630
19/08/2045 00:00:00	♇	03°05'01" ♇	-21°28'32"	-11°56'57"	-00°01'16"	39.417
19/08/2045 00:00:00	♈	22°45'28" ♈	-13°55'38"	00°00'00"	-00°00'05"	0.003
19/08/2045 00:00:00	♉	20°35'58" ♉	00°16'53"	-03°44'37"	00°08'08"	9.468
19/08/2045 00:00:00	♊	20°04'15" ♊	-14°59'47"	-00°13'05"	00°06'38"	0.003
19/08/2045 00:00:00	T♈	22°45'28" ♈	-13°55'38"	00°00'00"	-00°00'05"	0.003
19/08/2045 00:00:00	T♊	06°39'36" ♊	-20°01'47"	-01°28'19"	-00°52'08"	0.003
19/08/2045 00:00:00	X	00°21'32" ♂	05°26'14"	-06°34'01"	-00°00'14"	93.016
19/08/2045 00:00:00	Y	15°28'05" ♀	11°30'35"	-11°11'41"	00°00'21"	79.138
20/08/2045 00:00:00	♁	27°24'22" ♁	12°22'15"	-00°00'00"	00°57'44"	1.012
20/08/2045 00:00:00	♂	03°23'14" ♂	-25°56'06"	-05°12'18"	12°45'20"	0.003
20/08/2045 00:00:00	♀	09°55'08" ♀	17°54'51"	00°09'37"	01°26'54"	1.037
20/08/2045 00:00:00	♀	06°06'34" ♀	-02°04'27"	00°22'59"	01°10'10"	1.144

Ephemerides year 2045

20/08/2045 00:00:00	♂	27°56'57" ♉	21°29'20"	00°56'22"	00°38'46"	2.392
20/08/2045 00:00:00	♃	08°40'15" ♉	-09°33'28"	-01°20'17"	-00°07'36"	4.010
20/08/2045 00:00:00	♃	05°15'10" ♉	-19°28'19"	01°43'43"	00°01'06"	9.821
20/08/2045 00:00:00	♃	27°15'07" ♉	13°04'55"	00°42'02"	00°03'44"	19.361
20/08/2045 00:00:00	♃	17°06'53" ♉	15°14'21"	-01°46'30"	00°00'00"	29.614
20/08/2045 00:00:00	♃	03°03'44" ♉	-21°29'05"	-11°57'02"	-00°01'16"	39.416
20/08/2045 00:00:00	♁	22°45'29" ♉	-13°55'38"	00°00'00"	00°00'06"	0.003
20/08/2045 00:00:00	♃	20°44'08" ♉	00°14'03"	-03°44'14"	00°08'10"	9.474
20/08/2045 00:00:00	♁	20°10'53" ♉	-14°56'51"	-00°12'12"	00°06'38"	0.003
20/08/2045 00:00:00	♁	22°45'29" ♉	-13°55'38"	00°00'00"	00°00'06"	0.003
20/08/2045 00:00:00	♁	06°17'46" ♉	-20°09'10"	-01°30'16"	00°08'06"	0.003
20/08/2045 00:00:00	X	00°21'17" ♉	05°26'08"	-06°34'03"	-00°00'14"	93.000
20/08/2045 00:00:00	Y	15°28'26" ♉	11°30'29"	-11°11'49"	00°00'20"	79.121
21/08/2045 00:00:00	♁	28°22'07" ♉	12°02'20"	-00°00'00"	00°57'45"	1.012
21/08/2045 00:00:00	♃	15°58'48" ♉	-27°32'19"	-04°52'07"	12°26'24"	0.003
21/08/2045 00:00:00	♃	11°24'31" ♉	17°42'51"	00°22'25"	01°31'46"	1.063
21/08/2045 00:00:00	♀	07°16'42" ♉	-02°35'18"	00°19'34"	01°10'05"	1.137
21/08/2045 00:00:00	♂	28°35'42" ♉	21°22'00"	00°56'53"	00°38'43"	2.389
21/08/2045 00:00:00	♃	08°32'37" ♉	-09°36'28"	-01°20'25"	-00°07'39"	4.008

Ephemerides year 2045

21/08/2045 00:00:00	♃	05°16'19" ♃	-19°28'45"	01°43'29"	00°01'12"	9.838
21/08/2045 00:00:00	♅	27°18'52" ♅	13°03'38"	00°42'02"	00°03'45"	19.361
21/08/2045 00:00:00	♆	17°06'52" ♆	15°14'17"	-01°46'34"	-00°00'01"	29.597
21/08/2045 00:00:00	♁	03°02'27" ♁	-21°29'38"	-11°57'07"	-00°01'16"	39.416
21/08/2045 00:00:00	♄	22°45'43" ♄	-13°55'33"	00°00'00"	00°00'22"	0.003
21/08/2045 00:00:00	♁	20°52'20" ♁	00°11'11"	-03°43'50"	00°08'12"	9.480
21/08/2045 00:00:00	♁	20°17'32" ♁	-14°53'54"	-00°11'19"	00°06'38"	0.003
21/08/2045 00:00:00	♁	22°45'43" ♁	-13°55'33"	00°00'00"	00°00'22"	0.003
21/08/2045 00:00:00	♁	06°53'28" ♁	-19°57'06"	-01°27'07"	01°01'29"	0.003
21/08/2045 00:00:00	X	00°21'02" ♆	05°26'01"	-06°34'05"	-00°00'15"	92.985
21/08/2045 00:00:00	Y	15°28'46" ♁	11°30'24"	-11°11'56"	00°00'20"	79.105
22/08/2045 00:00:00	♁	29°19'54" ♁	11°42'15"	-00°00'00"	00°57'47"	1.012
22/08/2045 00:00:00	♃	28°17'21" ♃	-27°44'16"	-04°18'50"	12°11'23"	0.003
22/08/2045 00:00:00	♅	12°58'33" ♅	17°28'00"	00°34'24"	01°36'13"	1.089
22/08/2045 00:00:00	♆	08°26'46" ♆	-03°06'08"	00°16'05"	01°10'01"	1.130
22/08/2045 00:00:00	♁	29°14'25" ♁	21°14'31"	00°57'24"	00°38'41"	2.385
22/08/2045 00:00:00	♁	08°24'56" ♁	-09°39'29"	-01°20'34"	-00°07'42"	4.005
22/08/2045 00:00:00	♃	05°17'34" ♃	-19°29'12"	01°43'15"	00°01'18"	9.854
22/08/2045 00:00:00	♅	27°22'37" ♅	13°02'20"	00°42'02"	00°03'44"	19.360

Ephemerides year 2045

22/08/2045 00:00:00	♁	17°06'50"	♄	15°14'13"	-01°46'37"	-00°00'03"	29.581
22/08/2045 00:00:00	♁	03°01'10"	♄	-21°30'11"	-11°57'11"	-00°01'17"	39.415
22/08/2045 00:00:00	♁	22°46'13"	♁	-13°55'23"	00°00'00"	00°00'37"	0.003
22/08/2045 00:00:00	♁	21°00'33"	♄	00°08'19"	-03°43'27"	00°08'14"	9.485
22/08/2045 00:00:00	♁	20°24'11"	♁	-14°50'58"	-00°10'26"	00°06'38"	0.003
22/08/2045 00:00:00	T♁	22°46'13"	♁	-13°55'23"	00°00'00"	00°00'37"	0.003
22/08/2045 00:00:00	T♁	08°16'27"	♁	-19°28'36"	-01°19'44"	01°42'07"	0.003
22/08/2045 00:00:00	X	00°20'46"	♄	05°25'54"	-06°34'07"	-00°00'16"	92.970
22/08/2045 00:00:00	Y	15°29'06"	♁	11°30'18"	-11°12'04"	00°00'19"	79.088
23/08/2045 00:00:00	♁	00°17'41"	♄	11°21'58"	-00°00'00"	00°57'48"	1.011
23/08/2045 00:00:00	♁	10°22'52"	♄	-26°35'37"	0-03°34'31"	12°00'16"	0.003
23/08/2045 00:00:00	♁	14°36'50"	♄	17°10'18"	00°45'30"	01°40'16"	1.115
23/08/2045 00:00:00	♁	09°36'45"	♁	-03°36'55"	00°12'34"	01°09'56"	1.123
23/08/2045 00:00:00	♁	29°53'05"	♁	21°06'53"	00°57'55"	00°38'38"	2.382
23/08/2045 00:00:00	♁	08°17'12"	♄	-09°42'30"	-01°20'41"	-00°07'45"	4.003
23/08/2045 00:00:00	♁	05°18'55"	♄	-19°29'40"	01°43'01"	00°01'23"	9.870
23/08/2045 00:00:00	♁	27°26'22"	♄	13°01'03"	00°42'03"	00°03'44"	19.359
23/08/2045 00:00:00	♁	17°06'45"	♄	15°14'08"	-01°46'41"	-00°00'05"	29.564
23/08/2045 00:00:00	♁	02°59'53"	♄	-21°30'43"	-11°57'15"	-00°01'17"	39.415

Ephemerides year 2045

23/08/2045 00:00:00	♁	22°46'56" ♁	-13°55'09"	00°00'00"	00°00'47"	0.003
23/08/2045 00:00:00	♋	21°08'49" ♎	00°05'26"	-03°43'05"	00°08'16"	9.490
23/08/2045 00:00:00	♌	20°30'50" ♁	-14°48'01"	-00°09'33"	00°06'38"	0.003
23/08/2045 00:00:00	♁	22°46'56" ♁	-13°55'09"	00°00'00"	00°00'47"	0.003
23/08/2045 00:00:00	♌	10°13'03" ♁	-18°47'29"	-01°09'17"	02°08'51"	0.003
23/08/2045 00:00:00	X	00°20'30" ♄	05°25'47"	-06°34'08"	-00°00'16"	92.955
23/08/2045 00:00:00	Y	15°29'25" ♀	11°30'12"	-11°12'12"	00°00'18"	79.072
24/08/2045 00:00:00	♁	01°15'30" ♎	11°01'31"	-00°00'00"	00°57'49"	1.011
24/08/2045 00:00:00	♃	22°19'08" ♄	-24°14'27"	-02°41'23"	11°52'50"	0.003
24/08/2045 00:00:00	♌	16°18'58" ♁	16°49'46"	00°55'42"	01°43'53"	1.139
24/08/2045 00:00:00	♍	10°46'40" ♁	-04°07'38"	00°08'59"	01°09'52"	1.116
24/08/2045 00:00:00	♊	00°31'42" ♁	20°59'06"	00°58'25"	00°38'35"	2.378
24/08/2045 00:00:00	♉	08°09'25" ♄	-09°45'31"	-01°20'49"	-00°07'47"	4.001
24/08/2045 00:00:00	♈	05°20'22" ♄	-19°30'09"	01°42'47"	00°01'29"	9.887
24/08/2045 00:00:00	♍	27°30'06" ♁	12°59'46"	00°42'03"	00°03'44"	19.358
24/08/2045 00:00:00	♍	17°06'38" ♄	15°14'03"	-01°46'45"	-00°00'07"	29.548
24/08/2045 00:00:00	♁	02°58'36" ♄	-21°31'15"	-11°57'18"	-00°01'17"	39.416
24/08/2045 00:00:00	♁	22°47'46" ♁	-13°54'53"	00°00'00"	00°00'49"	0.003
24/08/2045 00:00:00	♋	21°17'06" ♎	00°02'31"	-03°42'42"	00°08'17"	9.495

Ephemerides year 2045

24/08/2045 00:00:00	☾	20°37'28" ♊	-14°45'04"	-00°08'40"	00°06'38"	0.003
24/08/2045 00:00:00	♄	22°47'46" ♊	-13°54'53"	00°00'00"	00°00'49"	0.003
24/08/2045 00:00:00	♃	12°30'13" ♊	-17°57'35"	-00°56'53"	02°23'52"	0.003
24/08/2045 00:00:00	X	00°20'13" ♄	05°25'39"	-06°34'10"	-00°00'17"	92.940
24/08/2045 00:00:00	Y	15°29'44" ♀	11°30'06"	-11°12'20"	00°00'17"	79.055
25/08/2045 00:00:00	☉	02°13'20" ♋	10°40'53"	-00°00'00"	00°57'50"	1.011
25/08/2045 00:00:00	☾	04°09'38" ♊	-20°51'39"	-01°41'44"	11°48'41"	0.003
25/08/2045 00:00:00	♀	18°04'28" ♋	16°26'28"	01°04'58"	01°47'03"	1.163
25/08/2045 00:00:00	♀	11°56'30" ♋	-04°38'17"	00°05'21"	01°09'47"	1.109
25/08/2045 00:00:00	♂	01°10'17" ♋	20°51'11"	00°58'56"	00°38'33"	2.375
25/08/2045 00:00:00	♃	08°01'36" ♋	-09°48'33"	-01°20'56"	-00°07'49"	3.999
25/08/2045 00:00:00	♃	05°21'54" ♋	-19°30'39"	01°42'34"	00°01'35"	9.904
25/08/2045 00:00:00	♃	27°33'51" ♋	12°58'29"	00°42'03"	00°03'44"	19.356
25/08/2045 00:00:00	♃	17°06'29" ♄	15°13'57"	-01°46'48"	-00°00'09"	29.532
25/08/2045 00:00:00	♃	02°57'19" ♋	-21°31'47"	-11°57'21"	-00°01'17"	39.416
25/08/2045 00:00:00	♄	22°48'32" ♊	-13°54'38"	00°00'00"	00°00'39"	0.003
25/08/2045 00:00:00	♃	21°25'24" ♋	-00°00'23"	-03°42'20"	00°08'19"	9.500
25/08/2045 00:00:00	☾	20°44'07" ♊	-14°42'07"	-00°07'47"	00°06'38"	0.003
25/08/2045 00:00:00	♄	22°48'32" ♊	-13°54'38"	00°00'00"	00°00'39"	0.003

Ephemerides year 2045

25/08/2045 00:00:00	T♄	14°58'27" ♊	-17°01'56"	-00°43'23"	02°31'55"	0.003
25/08/2045 00:00:00	X	00°19'55" ♂	05°25'32"	-06°34'11"	-00°00'17"	92.926
25/08/2045 00:00:00	Y	15°30'01" ♀	11°30'00"	-11°12'28"	00°00'17"	79.039
26/08/2045 00:00:00	☉	03°11'12" ♉	10°20'05"	-00°00'00"	00°57'52"	1.011
26/08/2045 00:00:00	☾	15°57'30" ♊	-16°39'17"	-00°37'59"	11°47'28"	0.003
26/08/2045 00:00:00	♀	19°52'55" ♋	16°00'29"	01°13'17"	01°49'46"	1.185
26/08/2045 00:00:00	♀	13°06'14" ♋	-05°08'52"	00°01'40"	01°09'42"	1.102
26/08/2045 00:00:00	♂	01°48'49" ♋	20°43'07"	00°59'26"	00°38'30"	2.371
26/08/2045 00:00:00	♃	07°53'46" ♉	-09°51'36"	-01°21'02"	-00°07'51"	3.998
26/08/2045 00:00:00	♅	05°23'32" ♉	-19°31'09"	01°42'20"	00°01'40"	9.920
26/08/2045 00:00:00	♁	27°37'35" ♋	12°57'13"	00°42'04"	00°03'44"	19.355
26/08/2045 00:00:00	♃	17°06'18" ♂	15°13'51"	-01°46'51"	-00°00'11"	29.516
26/08/2045 00:00:00	♁	02°56'01" ♉	-21°32'18"	-11°57'24"	-00°01'17"	39.417
26/08/2045 00:00:00	♁	22°49'01" ♊	-13°54'28"	00°00'00"	00°00'17"	0.003
26/08/2045 00:00:00	♁	21°33'44" ♉	-00°03'20"	-03°41'59"	00°08'20"	9.504
26/08/2045 00:00:00	♁	20°50'46" ♊	-14°39'10"	-00°06'54"	00°06'38"	0.003
26/08/2045 00:00:00	T♁	22°49'01" ♊	-13°54'28"	00°00'00"	00°00'17"	0.003
26/08/2045 00:00:00	T♄	17°33'52" ♊	-16°01'44"	-00°29'07"	02°39'20"	0.003
26/08/2045 00:00:00	X	00°19'37" ♂	05°25'24"	-06°34'13"	-00°00'18"	92.911

Ephemerides year 2045

26/08/2045 00:00:00	Y	15°30'18" ♀	11°29'54"	-11°12'36"	00°00'16"	79.022
27/08/2045 00:00:00	☉	04°09'04" ♃	09°59'08"	00°00'00"	00°57'53"	1.010
27/08/2045 00:00:00	☾	27°45'26" ♎	-11°49'19"	00°27'22"	11°48'47"	0.003
27/08/2045 00:00:00	♀	21°43'52" ♃	15°31'56"	01°20'39"	01°52'02"	1.207
27/08/2045 00:00:00	♀	14°15'54" ♌	-05°39'21"	-00°02'04"	01°09'37"	1.094
27/08/2045 00:00:00	♂	02°27'18" ♃	20°34'55"	00°59'57"	00°38'28"	2.367
27/08/2045 00:00:00	♃	07°45'54" ♃	-09°54'38"	-01°21'08"	-00°07'52"	3.996
27/08/2045 00:00:00	♃	05°25'15" ♃	-19°31'41"	01°42'06"	00°01'46"	9.937
27/08/2045 00:00:00	♃	27°41'19" ♃	12°55'56"	00°42'04"	00°03'43"	19.353
27/08/2045 00:00:00	♃	17°06'05" ♃	15°13'44"	-01°46'55"	-00°00'13"	29.499
27/08/2045 00:00:00	♃	02°54'44" ♃	-21°32'49"	-11°57'27"	-00°01'17"	39.418
27/08/2045 00:00:00	♃	22°49'04" ♎	-13°54'28"	00°00'00"	-00°00'14"	0.003
27/08/2045 00:00:00	♃	21°42'06" ♃	-00°06'17"	-03°41'37"	00°08'22"	9.509
27/08/2045 00:00:00	♃	20°57'24" ♎	-14°36'12"	-00°06'00"	00°06'38"	0.003
27/08/2045 00:00:00	T♃	22°49'04" ♎	-13°54'28"	00°00'00"	-00°00'14"	0.003
27/08/2045 00:00:00	T♃	20°18'50" ♎	-14°55'56"	-00°13'53"	02°51'44"	0.003
27/08/2045 00:00:00	X	00°19'18" ♃	05°25'16"	-06°34'14"	-00°00'19"	92.897
27/08/2045 00:00:00	Y	15°30'34" ♀	11°29'48"	-11°12'44"	00°00'15"	79.005
28/08/2045 00:00:00	☉	05°06'59" ♃	09°38'01"	00°00'00"	00°57'54"	1.010

Ephemerides year 2045

28/08/2045 00:00:00	♃	09°35'50"	♈	-06°33'11"	01°31'42"	11°52'22"	0.003
28/08/2045 00:00:00	♁	23°36'52"	♏	15°00'57"	01°27'03"	01°53'53"	1.227
28/08/2045 00:00:00	♁	15°25'29"	♈	-06°09'44"	-00°05'51"	01°09'32"	1.087
28/08/2045 00:00:00	♁	03°05'45"	♏	20°26'34"	01°00'27"	00°38'25"	2.364
28/08/2045 00:00:00	♁	07°38'00"	♈	-09°57'40"	-01°21'14"	-00°07'53"	3.996
28/08/2045 00:00:00	♁	05°27'05"	♈	-19°32'14"	01°41'53"	00°01'51"	9.953
28/08/2045 00:00:00	♁	27°45'02"	♏	12°54'39"	00°42'05"	00°03'43"	19.350
28/08/2045 00:00:00	♁	17°05'50"	♏	15°13'36"	-01°46'58"	-00°00'15"	29.483
28/08/2045 00:00:00	♁	02°53'27"	♈	-21°33'20"	-11°57'29"	-00°01'17"	39.420
28/08/2045 00:00:00	♁	22°48'31"	♈	-13°54'38"	00°00'00"	-00°00'52"	0.003
28/08/2045 00:00:00	♁	21°50'29"	♏	-00°09'15"	-03°41'16"	00°08'23"	9.513
28/08/2045 00:00:00	♁	21°04'03"	♈	-14°33'15"	-00°05'07"	00°06'38"	0.003
28/08/2045 00:00:00	♁	22°48'31"	♈	-13°54'38"	00°00'00"	-00°00'52"	0.003
28/08/2045 00:00:00	♁	23°19'34"	♈	-13°41'46"	00°02'52"	03°10'35"	0.003
28/08/2045 00:00:00	X	00°18'59"	♏	05°25'08"	-06°34'16"	-00°00'19"	92.883
28/08/2045 00:00:00	Y	15°30'49"	♈	11°29'41"	-11°12'52"	00°00'14"	78.988
29/08/2045 00:00:00	♁	06°04'54"	♏	09°16'45"	00°00'00"	00°57'56"	1.010
29/08/2045 00:00:00	♃	21°30'53"	♈	-01°01'45"	02°32'24"	11°58'04"	0.003
29/08/2045 00:00:00	♁	25°31'31"	♏	14°27'41"	01°32'30"	01°55'20"	1.246

Ephemerides year 2045

29/08/2045 00:00:00	♀	16°34'59" ♈	-06°40'00"	-00°09'40"	01°09'27"	1.080
29/08/2045 00:00:00	♂	03°44'09" ♏	20°18'05"	01°00'58"	00°38'22"	2.360
29/08/2045 00:00:00	♃	07°30'06" ♏	-10°00'42"	-01°21'20"	-00°07'54"	3.995
29/08/2045 00:00:00	♃	05°28'59" ♏	-19°32'47"	01°41'39"	00°01'57"	9.970
29/08/2045 00:00:00	♃	27°48'46" ♏	12°53'23"	00°42'05"	00°03'42"	19.348
29/08/2045 00:00:00	♃	17°05'33" ♏	15°13'28"	-01°47'02"	-00°00'17"	29.467
29/08/2045 00:00:00	♃	02°52'09" ♏	-21°33'51"	-11°57'31"	-00°01'17"	39.421
29/08/2045 00:00:00	♏	22°47'19" ♏	-13°55'02"	00°00'00"	-00°01'30"	0.003
29/08/2045 00:00:00	♃	21°58'53" ♏	-00°12'14"	-03°40'56"	00°08'24"	9.516
29/08/2045 00:00:00	♃	21°10'41" ♏	-14°30'17"	-00°04'14"	00°06'38"	0.003
29/08/2045 00:00:00	T♏	22°47'19" ♏	-13°55'02"	00°00'00"	-00°01'30"	0.003
29/08/2045 00:00:00	T♃	26°40'43" ♏	-12°16'56"	00°21'31"	03°31'21"	0.003
29/08/2045 00:00:00	X	00°18'39" ♏	05°25'00"	-06°34'17"	-00°00'20"	92.869
29/08/2045 00:00:00	Y	15°31'04" ♏	11°29'35"	-11°13'00"	00°00'14"	78.971
30/08/2045 00:00:00	♃	07°02'52" ♏	08°55'20"	00°00'00"	00°57'58"	1.010
30/08/2045 00:00:00	♃	03°32'40" ♏	04°34'22"	03°26'52"	12°05'50"	0.003
30/08/2045 00:00:00	♀	27°27'25" ♏	13°52'18"	01°37'01"	01°56'24"	1.264
30/08/2045 00:00:00	♀	17°44'24" ♏	-07°10'09"	-00°13'33"	01°09'22"	1.073
30/08/2045 00:00:00	♂	04°22'31" ♏	20°09'28"	01°01'28"	00°38'20"	2.356

Ephemerides year 2045

30/08/2045 00:00:00	♃	07°22'11" ♃	-10°03'44"	-01°21'25"	-00°07'54"	3.995
30/08/2045 00:00:00	♅	05°30'59" ♃	-19°33'21"	01°41'25"	00°02'03"	9.986
30/08/2045 00:00:00	♁	27°52'28" ♁	12°52'06"	00°42'06"	00°03'42"	19.345
30/08/2045 00:00:00	♃	17°05'15" ♃	15°13'20"	-01°47'05"	-00°00'19"	29.452
30/08/2045 00:00:00	♁	02°50'52" ♃	-21°34'21"	-11°57'32"	-00°01'17"	39.423
30/08/2045 00:00:00	♁	22°45'32" ♃	-13°55'37"	00°00'00"	-00°02'01"	0.003
30/08/2045 00:00:00	♃	22°07'18" ♃	-00°15'14"	-03°40'35"	00°08'26"	9.520
30/08/2045 00:00:00	♁	21°17'20" ♃	-14°27'19"	-00°03'21"	00°06'38"	0.003
30/08/2045 00:00:00	♁	22°45'32" ♃	-13°55'37"	00°00'00"	-00°02'01"	0.003
30/08/2045 00:00:00	♃	00°20'04" ♃	-10°42'01"	00°41'47"	03°45'30"	0.003
30/08/2045 00:00:00	X	00°18'19" ♃	05°24'52"	-06°34'19"	-00°00'20"	92.855
30/08/2045 00:00:00	Y	15°31'17" ♃	11°29'28"	-11°13'08"	00°00'13"	78.954
31/08/2045 00:00:00	♃	08°00'51" ♃	08°33'46"	00°00'00"	00°58'00"	1.010
31/08/2045 00:00:00	♃	15°43'17" ♃	10°04'09"	04°12'37"	12°15'45"	0.003
31/08/2045 00:00:00	♁	29°24'13" ♁	13°15'01"	01°40'39"	01°57'07"	1.281
31/08/2045 00:00:00	♁	18°53'44" ♁	-07°40'10"	-00°17'28"	01°09'17"	1.066
31/08/2045 00:00:00	♃	05°00'50" ♁	20°00'43"	01°01'58"	00°38'17"	2.352
31/08/2045 00:00:00	♃	07°14'17" ♃	-10°06'45"	-01°21'30"	-00°07'54"	3.995
31/08/2045 00:00:00	♅	05°33'05" ♃	-19°33'57"	01°41'12"	00°02'08"	10.003

Ephemerides year 2045

31/08/2045 00:00:00	♃	27°56'11" ♏	12°50'50"	00°42'06"	00°03'42"	19.342
31/08/2045 00:00:00	♃	17°04'54" ♏	15°13'11"	-01°47'09"	-00°00'21"	29.436
31/08/2045 00:00:00	♃	02°49'35" ♃	-21°34'51"	-11°57'34"	-00°01'17"	39.425
31/08/2045 00:00:00	♏	22°43'21" ♃	-13°56'19"	00°00'00"	-00°02'18"	0.003
31/08/2045 00:00:00	♃	22°15'45" ♃	-00°18'15"	-03°40'15"	00°08'27"	9.523
31/08/2045 00:00:00	♃	21°23'58" ♃	-14°24'21"	-00°02'28"	00°06'38"	0.003
31/08/2045 00:00:00	T♏	22°43'21" ♃	-13°56'19"	00°00'00"	-00°02'18"	0.003
31/08/2045 00:00:00	T♃	04°06'49" ♃	-09°01'38"	01°02'34"	03°44'59"	0.003
31/08/2045 00:00:00	X	00°17'58" ♏	05°24'44"	-06°34'20"	-00°00'21"	92.841
31/08/2045 00:00:00	Y	15°31'30" ♃	11°29'21"	-11°13'16"	00°00'12"	78.937
01/09/2045 00:00:00	♃	08°58'52" ♃	08°12'04"	00°00'00"	00°58'01"	1.009
01/09/2045 00:00:00	♃	28°04'57" ♃	15°15'29"	04°47'20"	12°27'58"	0.003
01/09/2045 00:00:00	♃	01°21'34" ♃	12°35'59"	01°43'25"	01°57'32"	1.296
01/09/2045 00:00:00	♀	20°02'58" ♃	-08°10'02"	-00°21'25"	01°09'11"	1.058
01/09/2045 00:00:00	♂	05°39'07" ♏	19°51'51"	01°02'28"	00°38'15"	2.348
01/09/2045 00:00:00	♃	07°06'22" ♃	-10°09'46"	-01°21'34"	-00°07'54"	3.995
01/09/2045 00:00:00	♃	05°35'17" ♃	-19°34'33"	01°40'58"	00°02'14"	10.020
01/09/2045 00:00:00	♃	27°59'53" ♏	12°49'34"	00°42'07"	00°03'41"	19.338
01/09/2045 00:00:00	♃	17°04'31" ♏	15°13'01"	-01°47'12"	-00°00'23"	29.420

Ephemerides year 2045

01/09/2045 00:00:00	♁	02°48'18" ♉	-21°35'20"	-11°57'35"	-00°01'16"	39.428
01/09/2045 00:00:00	♁	22°41'02" ♉	-13°57'05"	00°00'00"	-00°02'16"	0.003
01/09/2045 00:00:00	♁	22°24'13" ♉	-00°21'17"	-03°39'56"	00°08'28"	9.527
01/09/2045 00:00:00	♁	21°30'37" ♉	-14°21'23"	-00°01'35"	00°06'38"	0.003
01/09/2045 00:00:00	♁	22°41'02" ♉	-13°57'05"	00°00'00"	-00°02'16"	0.003
01/09/2045 00:00:00	♁	07°43'28" ♉	-07°23'57"	01°22'11"	03°24'50"	0.003
01/09/2045 00:00:00	X	00°17'36" ♉	05°24'35"	-06°34'21"	-00°00'21"	92.828
01/09/2045 00:00:00	Y	15°31'43" ♉	11°29'14"	-11°13'24"	00°00'11"	78.920
02/09/2045 00:00:00	♁	09°56'55" ♉	07°50'15"	00°00'00"	00°58'03"	1.009
02/09/2045 00:00:00	♁	10°40'04" ♉	19°54'22"	05°08'57"	12°42'39"	0.003
02/09/2045 00:00:00	♁	03°19'12" ♉	11°55'24"	01°45'21"	01°57'40"	1.310
02/09/2045 00:00:00	♁	21°12'07" ♉	-08°39'46"	-00°25'25"	01°09'06"	1.051
02/09/2045 00:00:00	♁	06°17'21" ♉	19°42'50"	01°02'58"	00°38'13"	2.344
02/09/2045 00:00:00	♁	06°58'28" ♉	-10°12'46"	-01°21'38"	-00°07'53"	3.996
02/09/2045 00:00:00	♁	05°37'33" ♉	-19°35'10"	01°40'45"	00°02'19"	10.036
02/09/2045 00:00:00	♁	28°03'34" ♉	12°48'18"	00°42'07"	00°03'41"	19.335
02/09/2045 00:00:00	♁	17°04'07" ♉	15°12'51"	-01°47'15"	-00°00'25"	29.405
02/09/2045 00:00:00	♁	02°47'01" ♉	-21°35'49"	-11°57'35"	-00°01'16"	39.431
02/09/2045 00:00:00	♁	22°38'55" ♉	-13°57'46"	00°00'00"	-00°01'54"	0.003


































Ephemerides year 2045

02/09/2045 00:00:00	♁	22°32'43" ♍	-00°24'19"	-03°39'36"	00°08'29"	9.529
02/09/2045 00:00:00	♁	21°37'16" ♍	-14°18'24"	-00°00'42"	00°06'38"	0.003
02/09/2045 00:00:00	♁	22°38'55" ♍	-13°57'46"	00°00'00"	-00°01'54"	0.003
02/09/2045 00:00:00	♁	10°49'29" ♍	-05°58'56"	01°38'45"	02°43'43"	0.003
02/09/2045 00:00:00	X	00°17'15" ♁	05°24'26"	-06°34'23"	-00°00'22"	92.815
02/09/2045 00:00:00	Y	15°31'54" ♁	11°29'07"	-11°13'32"	00°00'11"	78.903
03/09/2045 00:00:00	♁	10°54'59" ♍	07°28'17"	00°00'00"	00°58'05"	1.009
03/09/2045 00:00:00	♁	23°31'07" ♁	23°44'24" ♁	05°15'45"	12°59'51"	0.003
03/09/2045 00:00:00	♁	05°16'51" ♍	11°13'28"	01°46'30"	01°57'34"	1.323
03/09/2045 00:00:00	♁	22°21'11" ♍	-09°09'19"	-00°29'27"	01°09'01"	1.044
03/09/2045 00:00:00	♁	06°55'33" ♍	19°33'42"	01°03'28"	00°38'10"	2.340
03/09/2045 00:00:00	♁	06°50'35" ♍	-10°15'45"	-01°21'42"	-00°07'52"	3.997
03/09/2045 00:00:00	♁	05°39'56" ♍	-19°35'48"	01°40'32"	00°02'25"	10.053
03/09/2045 00:00:00	♁	28°07'15" ♍	12°47'02"	00°42'08"	00°03'40"	19.331
03/09/2045 00:00:00	♁	17°03'41" ♁	15°12'40"	-01°47'19"	-00°00'27"	29.389
03/09/2045 00:00:00	♁	02°45'45" ♍	-21°36'18"	-11°57'36"	-00°01'16"	39.434
03/09/2045 00:00:00	♁	22°37'20" ♍	-13°58'17"	00°00'00"	-00°01'14"	0.003
03/09/2045 00:00:00	♁	22°41'13" ♍	-00°27'23"	-03°39'17"	00°08'30"	9.532
03/09/2045 00:00:00	♁	21°43'54" ♍	-14°15'26"	00°00'10"	00°06'38"	0.003

Ephemerides year 2045

03/09/2045 00:00:00	T♄	22°37'20" ♊	-13°58'17"	00°00'00"	-00°01'14"	0.003
03/09/2045 00:00:00	T♄	13°04'29" ♋	-04°56'42"	01°50'37"	01°43'27"	0.003
03/09/2045 00:00:00	X	00°16'52" ♌	05°24'17"	-06°34'24"	-00°00'22"	92.801
03/09/2045 00:00:00	Y	15°32'05" ♌	11°29'00"	-11°13'40"	00°00'10"	78.886
04/09/2045 00:00:00	☉	11°53'06" ♌	07°06'12"	00°00'00"	00°58'07"	1.009
04/09/2045 00:00:00	☾	06°40'35" ♌	26°27'02" ♍	05°06'22"	13°19'27"	0.003
04/09/2045 00:00:00	♁	07°14'16" ♌	10°30'19"	01°46'54"	01°57'15"	1.335
04/09/2045 00:00:00	♀	23°30'10" ♌	-09°38'42"	-00°33'31"	01°08'55"	1.036
04/09/2045 00:00:00	♂	07°33'42" ♌	19°24'26"	01°03'58"	00°38'08"	2.335
04/09/2045 00:00:00	♃	06°42'43" ♌	-10°18'44"	-01°21'45"	-00°07'51"	3.998
04/09/2045 00:00:00	♄	05°42'24" ♌	-19°36'26"	01°40'18"	00°02'30"	10.069
04/09/2045 00:00:00	♅	28°10'56" ♌	12°45'46"	00°42'09"	00°03'40"	19.327
04/09/2045 00:00:00	♆	17°03'13" ♌	15°12'29"	-01°47'22"	-00°00'29"	29.374
04/09/2045 00:00:00	♇	02°44'29" ♌	-21°36'47"	-11°57'36"	-00°01'16"	39.437
04/09/2045 00:00:00	♈	22°36'31" ♋	-13°58'33"	00°00'00"	-00°00'22"	0.003
04/09/2045 00:00:00	♉	22°49'45" ♋	-00°30'27"	-03°38'58"	00°08'32"	9.535
04/09/2045 00:00:00	♊	21°50'33" ♋	-14°12'27"	00°01'03"	00°06'38"	0.003
04/09/2045 00:00:00	T♄	22°36'31" ♋	-13°58'33"	00°00'00"	-00°00'22"	0.003
04/09/2045 00:00:00	T♄	14°11'56" ♋	-04°25'29"	01°56'29"	00°30'00"	0.003

Ephemerides year 2045

04/09/2045 00:00:00	X	00°16'29" 	05°24'08"	-06°34'25"	-00°00'23"	92.789
04/09/2045 00:00:00	Y	15°32'15" 	11°28'53"	-11°13'48"	00°00'09"	78.869
05/09/2045 00:00:00		12°51'15" 	06°44'00"	00°00'00"	00°58'09"	1.008
05/09/2045 00:00:00		20°10'40" 	27°43'37" 	04°40'06"	13°40'56"	0.003
05/09/2045 00:00:00		09°11'18" 	09°46'09"	01°46'35"	01°56'46"	1.345
05/09/2045 00:00:00		24°39'03" 	-10°07'55"	-00°37'37"	01°08'50"	1.029
05/09/2045 00:00:00		08°11'49" 	19°15'03"	01°04'27"	00°38'05"	2.331
05/09/2045 00:00:00		06°34'53" 	-10°21'41"	-01°21'48"	-00°07'49"	4.000
05/09/2045 00:00:00		05°44'57" 	-19°37'06"	01°40'05"	00°02'36"	10.086
05/09/2045 00:00:00		28°14'36" 	12°44'30"	00°42'09"	00°03'39"	19.322
05/09/2045 00:00:00		17°02'43" 	15°12'18"	-01°47'25"	-00°00'30"	29.359
05/09/2045 00:00:00		02°43'13" 	-21°37'14"	-11°57'35"	-00°01'15"	39.441
05/09/2045 00:00:00		22°36'35" 	-13°58'32"	00°00'00"	00°00'29"	0.003
05/09/2045 00:00:00		22°58'17" 	-00°33'32"	-03°38'40"	00°08'33"	9.537
05/09/2045 00:00:00		21°57'12" 	-14°09'28"	00°01'56"	00°06'38"	0.003
05/09/2045 00:00:00	TΩ	22°36'35" 	-13°58'32"	00°00'00"	00°00'29"	0.003
05/09/2045 00:00:00	T♄	14°03'57" 	-04°29'11"	01°55'47"	-00°44'56"	0.003
05/09/2045 00:00:00	X	00°16'06" 	05°23'59"	-06°34'26"	-00°00'23"	92.776
05/09/2045 00:00:00	Y	15°32'24" 	11°28'46"	-11°13'56"	00°00'08"	78.852

Ephemerides year 2045

06/09/2045 00:00:00	☉	13°49'26" ♍	06°21'41"	00°00'00"	00°58'11"	1.008
06/09/2045 00:00:00	☾	04°02'47" ♎	27°19'20" ♁	03°57'02"	14°03'19"	0.002
06/09/2045 00:00:00	♀	11°07'47" ♍	09°01'08"	01°45'38"	01°56'08"	1.354
06/09/2045 00:00:00	♀	25°47'51" ♋	-10°36'55"	-00°41'45"	01°08'44"	1.022
06/09/2045 00:00:00	♂	08°49'54" ♏	19°05'33"	01°04'57"	00°38'03"	2.327
06/09/2045 00:00:00	♃	06°27'05" ♉	-10°24'37"	-01°21'51"	-00°07'47"	4.002
06/09/2045 00:00:00	♅	05°47'36" ♉	-19°37'47"	01°39'52"	00°02'41"	10.102
06/09/2045 00:00:00	♁	28°18'15" ♏	12°43'15"	00°42'10"	00°03'38"	19.318
06/09/2045 00:00:00	♃	17°02'11" ♉	15°12'06"	-01°47'29"	-00°00'32"	29.344
06/09/2045 00:00:00	♁	02°41'57" ♉	-21°37'42"	-11°57'35"	-00°01'15"	39.445
06/09/2045 00:00:00	♁	22°37'25" ♋	-13°58'15"	00°00'00"	00°01'08"	0.003
06/09/2045 00:00:00	♁	23°06'51" ♍	-00°36'38"	-03°38'22"	00°08'33"	9.539
06/09/2045 00:00:00	♁	22°03'51" ♋	-14°06'29"	00°02'49"	00°06'38"	0.003
06/09/2045 00:00:00	♁	22°37'25" ♋	-13°58'15"	00°00'00"	00°01'08"	0.003
06/09/2045 00:00:00	♁	12°47'05" ♉	-05°04'46"	01°49'05"	-01°44'50"	0.003
06/09/2045 00:00:00	X	00°15'42" ♉	05°23'50"	-06°34'27"	-00°00'23"	92.763
06/09/2045 00:00:00	Y	15°32'33" ♀	11°28'39"	-11°14'05"	00°00'08"	78.835
07/09/2045 00:00:00	☉	14°47'38" ♍	05°59'16"	00°00'00"	00°58'13"	1.008
07/09/2045 00:00:00	☾	18°17'07" ♎	25°08'01" ♁	02°58'28"	14°25'02"	0.002

Ephemerides year 2045

07/09/2045 00:00:00	♀	13°03'34" ♍	08°15'22"	01°44'03"	01°55'23"	1.362
07/09/2045 00:00:00	♀	26°56'33" ♋	-11°05'43"	-00°45'55"	01°08'39"	1.014
07/09/2045 00:00:00	♂	09°27'56" ♏	18°55'56"	01°05'27"	00°38'00"	2.323
07/09/2045 00:00:00	♃	06°19'19" ♏	-10°27'31"	-01°21'53"	-00°07'44"	4.004
07/09/2045 00:00:00	♃	05°50'20" ♏	-19°38'28"	01°39'39"	00°02'46"	10.119
07/09/2045 00:00:00	♃	28°21'54" ♏	12°42'00"	00°42'11"	00°03'38"	19.313
07/09/2045 00:00:00	♃	17°01'37" ♏	15°11'53"	-01°47'32"	-00°00'34"	29.329
07/09/2045 00:00:00	♃	02°40'42" ♏	-21°38'09"	-11°57'34"	-00°01'15"	39.449
07/09/2045 00:00:00	♏	22°38'43" ♏	-13°57'50"	00°00'00"	00°01'23"	0.003
07/09/2045 00:00:00	♏	23°15'25" ♏	-00°39'44"	-03°38'04"	00°08'34"	9.541
07/09/2045 00:00:00	♏	22°10'29" ♏	-14°03'29"	00°03'42"	00°06'38"	0.003
07/09/2045 00:00:00	T♏	22°38'43" ♏	-13°57'50"	00°00'00"	00°01'23"	0.003
07/09/2045 00:00:00	T♏	10°44'10" ♏	-06°01'25"	01°38'15"	-02°15'30"	0.003
07/09/2045 00:00:00	X	00°15'18" ♏	05°23'41"	-06°34'28"	-00°00'24"	92.751
07/09/2045 00:00:00	Y	15°32'41" ♏	11°28'31"	-11°14'13"	00°00'07"	78.818
08/09/2045 00:00:00	♁	15°45'53" ♏	05°36'44"	00°00'00"	00°58'15"	1.008
08/09/2045 00:00:00	♁	02°51'58" ♏	21°15'08"	01°47'05"	14°44'00"	0.002
08/09/2045 00:00:00	♀	14°58'33" ♏	07°29'02"	01°41'55"	01°54'33"	1.369
08/09/2045 00:00:00	♀	28°05'09" ♏	-11°34'18"	-00°50'06"	01°08'33"	1.007

Ephemerides year 2045

08/09/2045 00:00:00	♂	10°05'55" ♏	18°46'11"	01°05'56"	00°37'57"	2.318
08/09/2045 00:00:00	♃	06°11'36" ♏	-10°30'24"	-01°21'55"	-00°07'41"	4.006
08/09/2045 00:00:00	♃	05°53'10" ♏	-19°39'10"	01°39'26"	00°02'52"	10.135
08/09/2045 00:00:00	♃	28°25'32" ♏	12°40'45"	00°42'12"	00°03'37"	19.307
08/09/2045 00:00:00	♃	17°01'01" ♏	15°11'40"	-01°47'35"	-00°00'36"	29.314
08/09/2045 00:00:00	♃	02°39'27" ♏	-21°38'36"	-11°57'32"	-00°01'14"	39.454
08/09/2045 00:00:00	♏	22°40'02" ♏	-13°57'24"	00°00'00"	00°01'08"	0.003
08/09/2045 00:00:00	♃	23°24'00" ♏	-00°42'51"	-03°37'47"	00°08'35"	9.542
08/09/2045 00:00:00	♃	22°17'08" ♏	-14°00'30"	00°04'35"	00°06'38"	0.003
08/09/2045 00:00:00	♏	22°40'02" ♏	-13°57'24"	00°00'00"	00°01'08"	0.003
08/09/2045 00:00:00	♃	08°26'23" ♏	-07°04'30"	01°25'56"	-02°15'46"	0.003
08/09/2045 00:00:00	X	00°14'53" ♏	05°23'32"	-06°34'29"	-00°00'25"	92.739
08/09/2045 00:00:00	Y	15°32'48" ♏	11°28'24"	-11°14'21"	00°00'06"	78.800
09/09/2045 00:00:00	♃	16°44'10" ♏	05°14'07"	00°00'00"	00°58'17"	1.007
09/09/2045 00:00:00	♃	17°43'26" ♏	15°57'04"	00°27'17"	14°57'53"	0.002
09/09/2045 00:00:00	♃	16°52'39" ♏	06°42'14"	01°39'14"	01°53'38"	1.375
09/09/2045 00:00:00	♀	29°13'40" ♏	-12°02'40"	-00°54'19"	01°08'27"	1.000
09/09/2045 00:00:00	♂	10°43'51" ♏	18°36'20"	01°06'26"	00°37'55"	2.314
09/09/2045 00:00:00	♃	06°03'55" ♏	-10°33'16"	-01°21'56"	-00°07'38"	4.009

Ephemerides year 2045

09/09/2045 00:00:00	♃	05°56'04" ♄	-19°39'53"	01°39'13"	00°02'57"	10.151
09/09/2045 00:00:00	♅	28°29'09" ♁	12°39'31"	00°42'13"	00°03'36"	19.302
09/09/2045 00:00:00	♆	17°00'24" ♁r	15°11'26"	-01°47'38"	-00°00'38"	29.299
09/09/2045 00:00:00	♁	02°38'12" ♃r	-21°39'02"	-11°57'31"	-00°01'14"	39.459
09/09/2045 00:00:00	♁	22°40'49" ♁	-13°57'09"	00°00'00"	00°00'21"	0.003
09/09/2045 00:00:00	♃	23°32'36" ♃	-00°45'59"	-03°37'30"	00°08'36"	9.543
09/09/2045 00:00:00	♁	22°23'47" ♁	-13°57'31"	00°05'28"	00°06'38"	0.003
09/09/2045 00:00:00	T♁	22°40'49" ♁	-13°57'09"	00°00'00"	00°00'21"	0.003
09/09/2045 00:00:00	T♃	06°18'10" ♃r	-08°02'41"	01°14'23"	-01°59'31"	0.003
09/09/2045 00:00:00	X	00°14'28" ♁r	05°23'22"	-06°34'30"	-00°00'25"	92.727
09/09/2045 00:00:00	Y	15°32'54" ♀	11°28'16"	-11°14'29"	00°00'05"	78.783
10/09/2045 00:00:00	♁	17°42'28" ♃	04°51'25"	-00°00'00"	00°58'19"	1.007
10/09/2045 00:00:00	♃	02°45'17" ♃	09°37'54"	-00°55'12"	15°04'27"	0.002
10/09/2045 00:00:00	♆	18°45'48" ♃	05°55'05"	01°36'04"	01°52'39"	1.380
10/09/2045 00:00:00	♁	00°22'04" ♃	-12°30'47"	-00°58'33"	01°08'21"	0.992
10/09/2045 00:00:00	♂	11°21'45" ♁	18°26'22"	01°06'55"	00°37'52"	2.309
10/09/2045 00:00:00	♃	05°56'18" ♃r	-10°36'06"	-01°21'57"	-00°07'35"	4.012
10/09/2045 00:00:00	♃	05°59'04" ♄	-19°40'37"	01°39'00"	00°03'02"	10.167
10/09/2045 00:00:00	♅	28°32'45" ♁	12°38'16"	00°42'14"	00°03'35"	19.296

Ephemerides year 2045

10/09/2045 00:00:00	♁	16°59'44" ♂	15°11'12"	-01°47'42"	-00°00'40"	29.285
10/09/2045 00:00:00	♁	02°36'58" ♀	-21°39'28"	-11°57'29"	-00°01'14"	39.464
10/09/2045 00:00:00	♁	22°40'37" ♀	-13°57'13"	00°00'00"	-00°00'48"	0.003
10/09/2045 00:00:00	♁	23°41'12" ♀	-00°49'07"	-03°37'13"	00°08'36"	9.544
10/09/2045 00:00:00	♁	22°30'25" ♀	-13°54'31"	00°06'21"	00°06'38"	0.003
10/09/2045 00:00:00	T♁	22°40'37" ♀	-13°57'13"	00°00'00"	-00°00'48"	0.003
10/09/2045 00:00:00	T♁	04°26'20" ♀	-08°52'57"	01°04'18"	-01°46'01"	0.003
10/09/2045 00:00:00	X	00°14'02" ♂	05°23'13"	-06°34'31"	-00°00'26"	92.715
10/09/2045 00:00:00	Y	15°32'59" ♀	11°28'09"	-11°14'37"	00°00'04"	78.766
11/09/2045 00:00:00	♁	18°40'49" ♀	04°28'38"	-00°00'00"	00°58'21"	1.007
11/09/2045 00:00:00	♁	17°49'26" ♀	02°45'20"	-02°13'57"	15°02'17"	0.002
11/09/2045 00:00:00	♁	20°37'57" ♀	05°07'40"	01°32'27"	01°51'38"	1.384
11/09/2045 00:00:00	♁	01°30'22" ♀	-12°58'39"	-01°02'48"	01°08'15"	0.985
11/09/2045 00:00:00	♁	11°59'36" ♀	18°16'18"	01°07'24"	00°37'49"	2.304
11/09/2045 00:00:00	♁	05°48'45" ♀	-10°38'54"	-01°21'58"	-00°07'31"	4.015
11/09/2045 00:00:00	♁	06°02'09" ♀	-19°41'21"	01°38'47"	00°03'07"	10.184
11/09/2045 00:00:00	♁	28°36'20" ♀	12°37'02"	00°42'15"	00°03'34"	19.290
11/09/2045 00:00:00	♁	16°59'03" ♂	15°10'58"	-01°47'45"	-00°00'42"	29.270
11/09/2045 00:00:00	♁	02°35'43" ♀	-21°39'54"	-11°57'27"	-00°01'13"	39.469

Ephemerides year 2045

11/09/2045 00:00:00	♏	22°39'08" ♁	-13°57'42"	00°00'00"	-00°02'08"	0.003
11/09/2045 00:00:00	♋	23°49'49" ♃	-00°52'16"	-03°36'56"	00°08'37"	9.545
11/09/2045 00:00:00	♌	22°37'04" ♁	-13°51'31"	00°07'14"	00°06'38"	0.003
11/09/2045 00:00:00	♏	22°39'08" ♁	-13°57'42"	00°00'00"	-00°02'08"	0.003
11/09/2045 00:00:00	♌	02°40'43" ♁	-09°39'52"	00°54'51"	-01°48'22"	0.003
11/09/2045 00:00:00	X	00°13'36" ♄	05°23'03"	-06°34'32"	-00°00'26"	92.704
11/09/2045 00:00:00	Y	15°33'04" ♀	11°28'01"	-11°14'46"	00°00'04"	78.749
12/09/2045 00:00:00	♏	19°39'11" ♃	04°05'46"	-00°00'00"	00°58'23"	1.007
12/09/2045 00:00:00	♄	02°46'53" ♁	-04°12'24"	-03°22'47"	14°51'10"	0.002
12/09/2045 00:00:00	♌	22°29'04" ♃	04°20'07"	01°28'24"	01°50'35"	1.388
12/09/2045 00:00:00	♌	02°38'34" ♃	-13°26'16"	-01°07'04"	01°08'08"	0.977
12/09/2045 00:00:00	♌	12°37'25" ♃	18°06'07"	01°07'54"	00°37'46"	2.300
12/09/2045 00:00:00	♌	05°41'16" ♁	-10°41'40"	-01°21'58"	-00°07'27"	4.019
12/09/2045 00:00:00	♌	06°05'20" ♁	-19°42'06"	01°38'34"	00°03'12"	10.200
12/09/2045 00:00:00	♌	28°39'54" ♃	12°35'49"	00°42'16"	00°03'33"	19.284
12/09/2045 00:00:00	♌	16°58'20" ♄	15°10'43"	-01°47'48"	-00°00'44"	29.256
12/09/2045 00:00:00	♌	02°34'30" ♁	-21°40'19"	-11°57'24"	-00°01'13"	39.475
12/09/2045 00:00:00	♏	22°36'23" ♁	-13°58'36"	00°00'00"	-00°03'18"	0.003
12/09/2045 00:00:00	♋	23°58'26" ♃	-00°55'25"	-03°36'40"	00°08'37"	9.546

Ephemerides year 2045

12/09/2045 00:00:00	☾	22°43'42" ♊	-13°48'31"	00°08'07"	00°06'38"	0.003
12/09/2045 00:00:00	♁	22°36'23" ♊	-13°58'36"	00°00'00"	-00°03'18"	0.003
12/09/2045 00:00:00	♁	00°43'35" ♋	-10°31'15"	00°44'26"	-02°08'22"	0.003
12/09/2045 00:00:00	X	00°13'09" ♋	05°22'53"	-06°34'32"	-00°00'27"	92.692
12/09/2045 00:00:00	Y	15°33'07" ♋	11°27'53"	-11°14'54"	00°00'03"	78.732
13/09/2045 00:00:00	☉	20°37'35" ♋	03°42'49"	-00°00'00"	00°58'24"	1.006
13/09/2045 00:00:00	☾	17°29'10" ♋	-10°48'59"	-04°16'52"	14°32'14"	0.002
13/09/2045 00:00:00	♀	24°19'08" ♋	03°32'29"	01°23'59"	01°49'31"	1.390
13/09/2045 00:00:00	♀	03°46'39" ♋	-13°53'36"	-01°11'21"	01°08'01"	0.970
13/09/2045 00:00:00	♂	13°15'10" ♋	17°55'50"	01°08'23"	00°37'44"	2.295
13/09/2045 00:00:00	♃	05°33'51" ♋	-10°44'24"	-01°21'58"	-00°07'22"	4.023
13/09/2045 00:00:00	♄	06°08'35" ♋	-19°42'52"	01°38'21"	00°03'18"	10.216
13/09/2045 00:00:00	♅	28°43'27" ♋	12°34'36"	00°42'17"	00°03'32"	19.278
13/09/2045 00:00:00	♆	16°57'35" ♋	15°10'27"	-01°47'51"	-00°00'45"	29.242
13/09/2045 00:00:00	♁	02°33'17" ♋	-21°40'43"	-11°57'21"	-00°01'12"	39.481
13/09/2045 00:00:00	♁	22°32'39" ♋	-13°59'49"	00°00'00"	-00°04'04"	0.003
13/09/2045 00:00:00	♆	24°07'04" ♋	-00°58'35"	-03°36'24"	00°08'37"	9.546
13/09/2045 00:00:00	☾	22°50'21" ♋	-13°45'31"	00°09'01"	00°06'38"	0.003
13/09/2045 00:00:00	♁	22°32'39" ♋	-13°59'49"	00°00'00"	-00°04'04"	0.003

Ephemerides year 2045

13/09/2045 00:00:00	T♄	28°21'10" ♊	-11°32'50"	00°31'49"	-02°36'33"	0.003
13/09/2045 00:00:00	X	00°12'42" ♄	05°22'43"	-06°34'33"	-00°00'27"	92.681
13/09/2045 00:00:00	Y	15°33'10" ♀	11°27'45"	-11°15'02"	00°00'02"	78.715
14/09/2045 00:00:00	☉	21°36'01" ♍	03°19'49"	-00°00'00"	00°58'26"	1.006
14/09/2045 00:00:00	☾	01°49'30" ♍	-16°41'13"	-04°53'17"	14°07'43"	0.002
14/09/2045 00:00:00	♀	26°08'07" ♍	02°44'52"	01°19'13"	01°48'26"	1.392
14/09/2045 00:00:00	♀	04°54'38" ♍	-14°20'39"	-01°15'39"	01°07'55"	0.962
14/09/2045 00:00:00	♂	13°52'53" ♌	17°45'26"	01°08'52"	00°37'41"	2.290
14/09/2045 00:00:00	♃	05°26'31" ♉	-10°47'05"	-01°21'58"	-00°07'17"	4.027
14/09/2045 00:00:00	♅	06°11'56" ♉	-19°43'39"	01°38'09"	00°03'23"	10.232
14/09/2045 00:00:00	♁	28°46'59" ♌	12°33'23"	00°42'18"	00°03'31"	19.271
14/09/2045 00:00:00	♃	16°56'48" ♄	15°10'11"	-01°47'54"	-00°00'47"	29.228
14/09/2045 00:00:00	♁	02°32'04" ♉	-21°41'07"	-11°57'18"	-00°01'12"	39.487
14/09/2045 00:00:00	♁	22°28'26" ♊	-14°01'11"	00°00'00"	-00°04'14"	0.003
14/09/2045 00:00:00	♁	24°15'42" ♍	-01°01'45"	-03°36'09"	00°08'38"	9.546
14/09/2045 00:00:00	♁	22°57'00" ♊	-13°42'31"	00°09'54"	00°06'38"	0.003
14/09/2045 00:00:00	T♁	22°28'26" ♊	-14°01'11"	00°00'00"	-00°04'14"	0.003
14/09/2045 00:00:00	T♄	25°33'16" ♊	-12°44'07"	00°16'53"	-02°56'23"	0.003
14/09/2045 00:00:00	X	00°12'14" ♄	05°22'33"	-06°34'34"	-00°00'27"	92.671

Ephemerides year 2045

14/09/2045 00:00:00	Y	15°33'13" ♀	11°27'37"	-11°15'10"	00°00'01"	78.698
15/09/2045 00:00:00	☉	22°34'28" ♍	02°56'45"	-00°00'00"	00°58'28"	1.006
15/09/2045 00:00:00	☾	15°43'41" ♍	-21°30'07"	-05°11'06"	13°40'24"	0.003
15/09/2045 00:00:00	♀	27°56'01" ♍	01°57'18"	01°14'07"	01°47'21"	1.393
15/09/2045 00:00:00	♀	06°02'30" ♍	-14°47'24"	-01°19'57"	01°07'47"	0.955
15/09/2045 00:00:00	♂	14°30'33" ♋	17°34'56"	01°09'21"	00°37'38"	2.285
15/09/2045 00:00:00	♃	05°19'16" ♉	-10°49'45"	-01°21'57"	-00°07'11"	4.032
15/09/2045 00:00:00	♄	06°15'22" ♉	-19°44'26"	01°37'56"	00°03'28"	10.248
15/09/2045 00:00:00	♅	28°50'30" ♋	12°32'10"	00°42'19"	00°03'30"	19.264
15/09/2045 00:00:00	♆	16°56'00" ♋	15°09'54"	-01°47'57"	-00°00'49"	29.214
15/09/2045 00:00:00	♁	02°30'52" ♉	-21°41'31"	-11°57'15"	-00°01'11"	39.493
15/09/2045 00:00:00	♁	22°24'23" ♉	-14°02'30"	00°00'00"	-00°03'46"	0.003
15/09/2045 00:00:00	♂	24°24'20" ♍	-01°04'56"	-03°35'54"	00°08'38"	9.546
15/09/2045 00:00:00	♁	23°03'38" ♉	-13°39'30"	00°10'47"	00°06'38"	0.003
15/09/2045 00:00:00	T♁	22°24'23" ♉	-14°02'30"	00°00'00"	-00°03'46"	0.003
15/09/2045 00:00:00	T♁	22°36'13" ♉	-13°57'37"	00°01'04"	-02°53'05"	0.003
15/09/2045 00:00:00	X	00°11'46" ♋	05°22'23"	-06°34'34"	-00°00'28"	92.660
15/09/2045 00:00:00	Y	15°33'14" ♀	11°27'29"	-11°15'19"	00°00'01"	78.681
16/09/2045 00:00:00	☉	23°32'57" ♍	02°33'38"	-00°00'00"	00°58'29"	1.006

Ephemerides year 2045

16/09/2045 00:00:00	♃	29°10'18" ♃	-25°01'31"	♁-05°11'01"	13°13'00"	0.003
16/09/2045 00:00:00	♆	29°42'51" ♃	01°09'53"	01°08'44"	01°46'17"	1.393
16/09/2045 00:00:00	♀	07°10'14" ♃	-15°13'52"	-01°24'16"	01°07'40"	0.947
16/09/2045 00:00:00	♂	15°08'11" ♃	17°24'21"	01°09'50"	00°37'35"	2.280
16/09/2045 00:00:00	♃	05°12'07" ♃	-10°52'21"	-01°21'56"	-00°07'06"	4.036
16/09/2045 00:00:00	♃	06°18'53" ♃	-19°45'14"	01°37'44"	00°03'33"	10.264
16/09/2045 00:00:00	♃	28°54'01" ♃	12°30'58"	00°42'20"	00°03'29"	19.257
16/09/2045 00:00:00	♃	16°55'10" ♃	15°09'37"	-01°48'00"	-00°00'50"	29.201
16/09/2045 00:00:00	♃	02°29'41" ♃	-21°41'54"	-11°57'11"	-00°01'11"	39.500
16/09/2045 00:00:00	♃	22°21'05" ♃	-14°03'34"	00°00'00"	-00°02'45"	0.003
16/09/2045 00:00:00	♃	24°32'59" ♃	-01°08'08"	-03°35'39"	00°08'38"	9.546
16/09/2045 00:00:00	♃	23°10'17" ♃	-13°36'30"	00°11'40"	00°06'38"	0.003
16/09/2045 00:00:00	♃	22°21'05" ♃	-14°03'34"	00°00'00"	-00°02'45"	0.003
16/09/2045 00:00:00	♃	19°56'09" ♃	-15°02'29"	-00°13'14"	-02°23'00"	0.003
16/09/2045 00:00:00	X	00°11'18" ♃	05°22'12"	-06°34'35"	-00°00'28"	92.650
16/09/2045 00:00:00	Y	15°33'15" ♃	11°27'21"	-11°15'27"	00°00'00"	78.664
17/09/2045 00:00:00	♃	24°31'28" ♃	02°10'29"	-00°00'00"	00°58'31"	1.005
17/09/2045 00:00:00	♃	12°10'25" ♃	-27°06'58"	♁-04°54'44"	12°47'43"	0.003
17/09/2045 00:00:00	♆	01°28'35" ♃	00°22'39"	01°03'05"	01°45'12"	1.393

Ephemerides year 2045

17/09/2045 00:00:00	♀	08°17'51" ♀	-15°40'00"	-01°28'35"	01°07'33"	0.940
17/09/2045 00:00:00	♂	15°45'45" ♂	17°13'39"	01°10'19"	00°37'33"	2.275
17/09/2045 00:00:00	♃	05°05'04" ♃	-10°54'55"	-01°21'54"	-00°07'00"	4.041
17/09/2045 00:00:00	♄	06°22'28" ♄	-19°46'03"	01°37'31"	00°03'38"	10.280
17/09/2045 00:00:00	♅	28°57'29" ♂	12°29'46"	00°42'21"	00°03'28"	19.249
17/09/2045 00:00:00	♆	16°54'18" ♂	15°09'20"	-01°48'03"	-00°00'52"	29.187
17/09/2045 00:00:00	♁	02°28'30" ♃	-21°42'17"	-11°57'07"	-00°01'10"	39.507
17/09/2045 00:00:00	♁	22°18'58" ♁	-14°04'15"	00°00'00"	-00°01'26"	0.003
17/09/2045 00:00:00	♁	24°41'38" ♁	-01°11'19"	-03°35'24"	00°08'38"	9.545
17/09/2045 00:00:00	♁	23°16'56" ♁	-13°33'29"	00°12'33"	00°06'38"	0.003
17/09/2045 00:00:00	♁	22°18'58" ♁	-14°04'15"	00°00'00"	-00°01'26"	0.003
17/09/2045 00:00:00	♁	17°56'12" ♁	-15°50'00"	-00°23'59"	-01°35'03"	0.003
17/09/2045 00:00:00	X	00°10'49" ♂	05°22'02"	-06°34'35"	-00°00'28"	92.639
17/09/2045 00:00:00	Y	15°33'15" ♃	11°27'13"	-11°15'35"	-00°00'00"	78.647
18/09/2045 00:00:00	♁	25°30'00" ♁	01°47'16"	-00°00'00"	00°58'33"	1.005
18/09/2045 00:00:00	♂	24°46'59" ♄	-27°44'14"	-04°24'30"	12°26'06"	0.003
18/09/2045 00:00:00	♁	03°13'16" ♁	-00°24'20"	00°57'11"	01°44'08"	1.392
18/09/2045 00:00:00	♀	09°25'20" ♀	-16°05'48"	-01°32'54"	01°07'25"	0.932
18/09/2045 00:00:00	♂	16°23'17" ♂	17°02'52"	01°10'48"	00°37'30"	2.270

Ephemerides year 2045

18/09/2045 00:00:00	♃	04°58'06"	♋	-10°57'27"	-01°21'52"	-00°06'54"	4.047
18/09/2045 00:00:00	♅	06°26'09"	♌	-19°46'53"	01°37'19"	00°03'43"	10.295
18/09/2045 00:00:00	♆	29°00'57"	♍	12°28'34"	00°42'22"	00°03'27"	19.241
18/09/2045 00:00:00	♇	16°53'25"	♎	15°09'02"	-01°48'06"	-00°00'54"	29.174
18/09/2045 00:00:00	♁	02°27'20"	♏	-21°42'39"	-11°57'03"	-00°01'09"	39.515
18/09/2045 00:00:00	♂	22°18'13"	♐	-14°04'30"	00°00'00"	-00°00'04"	0.003
18/09/2045 00:00:00	♄	24°50'17"	♑	-01°14'31"	-03°35'10"	00°08'38"	9.544
18/09/2045 00:00:00	♁	23°23'34"	♒	-13°30'28"	00°13'26"	00°06'38"	0.003
18/09/2045 00:00:00	♁♂	22°18'13"	♒	-14°04'30"	00°00'00"	-00°00'04"	0.003
18/09/2045 00:00:00	♁♄	16°47'18"	♒	-16°16'54"	-00°30'11"	-00°43'13"	0.003
18/09/2045 00:00:00	X	00°10'20"	♏	05°21'52"	-06°34'36"	-00°00'29"	92.630
18/09/2045 00:00:00	Y	15°33'14"	♐	11°27'05"	-11°15'43"	-00°00'01"	78.630
19/09/2045 00:00:00	♁	26°28'34"	♑	01°24'02"	-00°00'00"	00°58'34"	1.005
19/09/2045 00:00:00	♁	07°04'10"	♒	-26°57'13"	-03°42'44"	12°09'04"	0.003
19/09/2045 00:00:00	♁	04°56'53"	♓	-01°11'03"	00°51'05"	01°43'05"	1.390
19/09/2045 00:00:00	♁	10°32'41"	♑	-16°31'17"	-01°37'13"	01°07'17"	0.925
19/09/2045 00:00:00	♁	17°00'46"	♍	16°51'59"	01°11'17"	00°37'27"	2.265
19/09/2045 00:00:00	♃	04°51'16"	♋	-10°59'55"	-01°21'50"	-00°06'47"	4.052
19/09/2045 00:00:00	♅	06°29'55"	♌	-19°47'43"	01°37'07"	00°03'48"	10.311

Ephemerides year 2045

19/09/2045 00:00:00	♃	29°04'24" ♁	12°27'23"	00°42'23"	00°03'25"	19.233
19/09/2045 00:00:00	♃	16°52'30" ♁	15°08'44"	-01°48'09"	-00°00'55"	29.161
19/09/2045 00:00:00	♃	02°26'10" ♁	-21°43'00"	-11°56'58"	-00°01'09"	39.522
19/09/2045 00:00:00	♁	22°18'44" ♁	-14°04'20"	00°00'00"	00°01'02"	0.003
19/09/2045 00:00:00	♁	24°58'56" ♁	-01°17'44"	-03°34'56"	00°08'38"	9.543
19/09/2045 00:00:00	♁	23°30'13" ♁	-13°27'27"	00°14'19"	00°06'38"	0.003
19/09/2045 00:00:00	♁	22°18'44" ♁	-14°04'20"	00°00'00"	00°01'02"	0.003
19/09/2045 00:00:00	♁	16°27'12" ♁	-16°24'44"	-00°32'03"	00°01'09"	0.003
19/09/2045 00:00:00	X	00°09'51" ♁	05°21'41"	-06°34'36"	-00°00'29"	92.620
19/09/2045 00:00:00	Y	15°33'12" ♁	11°26'57"	-11°15'51"	-00°00'01"	78.613
20/09/2045 00:00:00	♁	27°27'09" ♁	01°00'45"	-00°00'00"	00°58'36"	1.004
20/09/2045 00:00:00	♁	19°06'45" ♁	-24°54'32"	-02°51'52"	11°56'56"	0.003
20/09/2045 00:00:00	♁	06°39'28" ♁	-01°57'26"	00°44'46"	01°42'03"	1.388
20/09/2045 00:00:00	♁	11°39'54" ♁	-16°56'24"	-01°41'32"	01°07'08"	0.917
20/09/2045 00:00:00	♁	17°38'12" ♁	16°41'01"	01°11'46"	00°37'24"	2.260
20/09/2045 00:00:00	♁	04°44'31" ♁	-11°02'21"	-01°21'47"	-00°06'40"	4.058
20/09/2045 00:00:00	♁	06°33'45" ♁	-19°48'33"	01°36'55"	00°03'52"	10.327
20/09/2045 00:00:00	♃	29°07'49" ♁	12°26'13"	00°42'25"	00°03'24"	19.225
20/09/2045 00:00:00	♃	16°51'33" ♁	15°08'25"	-01°48'12"	-00°00'57"	29.148

Ephemerides year 2045

20/09/2045 00:00:00	♁	02°25'01" ♃	-21°43'21"	-11°56'53"	-00°01'08"	39.530
20/09/2045 00:00:00	♁	22°20'09" ♎	-14°03'52"	00°00'00"	00°01'41"	0.003
20/09/2045 00:00:00	♃	25°07'35" ♃	-01°20'56"	-03°34'42"	00°08'38"	9.542
20/09/2045 00:00:00	♁	23°36'52" ♎	-13°24'26"	00°15'12"	00°06'38"	0.003
20/09/2045 00:00:00	♁	22°20'09" ♎	-14°03'52"	00°00'00"	00°01'41"	0.003
20/09/2045 00:00:00	♁	16°45'10" ♎	-16°17'52"	-00°30'32"	00°32'23"	0.003
20/09/2045 00:00:00	♁	00°09'21" ♃	05°21'31"	-06°34'36"	-00°00'30"	92.610
20/09/2045 00:00:00	♁	15°33'10" ♃	11°26'48"	-11°15'59"	-00°00'02"	78.596
21/09/2045 00:00:00	♃	28°25'47" ♃	00°37'27"	-00°00'00"	00°58'38"	1.004
21/09/2045 00:00:00	♁	00°59'40" ♎	-21°47'28"	-01°54'15"	11°49'40"	0.003
21/09/2045 00:00:00	♁	08°21'01" ♎	-02°43'28"	00°38'17"	01°41'02"	1.385
21/09/2045 00:00:00	♁	12°46'58" ♃	-17°21'10"	-01°45'51"	01°07'00"	0.910
21/09/2045 00:00:00	♁	18°15'35" ♃	16°29'58"	01°12'15"	00°37'21"	2.255
21/09/2045 00:00:00	♁	04°37'54" ♃	-11°04'44"	-01°21'44"	-00°06'33"	4.065
21/09/2045 00:00:00	♁	06°37'40" ♃	-19°49'25"	01°36'43"	00°03'57"	10.342
21/09/2045 00:00:00	♁	29°11'13" ♃	12°25'03"	00°42'26"	00°03'23"	19.217
21/09/2045 00:00:00	♁	16°50'35" ♃	15°08'06"	-01°48'14"	-00°00'59"	29.136
21/09/2045 00:00:00	♁	02°23'53" ♃	-21°43'42"	-11°56'48"	-00°01'07"	39.538
21/09/2045 00:00:00	♁	22°21'53" ♎	-14°03'18"	00°00'00"	00°01'41"	0.003



































Ephemerides year 2045

21/09/2045 00:00:00	♁	25°16'13" ♎	-01°24'09"	-03°34'29"	00°08'38"	9.540
21/09/2045 00:00:00	♁	23°43'30" ♎	-13°21'24"	00°16'05"	00°06'38"	0.003
21/09/2045 00:00:00	♁	22°21'53" ♎	-14°03'18"	00°00'00"	00°01'41"	0.003
21/09/2045 00:00:00	♁	17°27'19" ♎	-16°01'34"	-00°26'50"	00°49'43"	0.003
21/09/2045 00:00:00	X	00°08'50" ♄	05°21'20"	-06°34'37"	-00°00'30"	92.601
21/09/2045 00:00:00	Y	15°33'07" ♄	11°26'40"	-11°16'07"	-00°00'03"	78.579
22/09/2045 00:00:00	♁	29°24'26" ♎	00°14'08"	-00°00'00"	00°58'39"	1.004
22/09/2045 00:00:00	♁	12°47'38" ♎	-17°48'09"	-00°52'11"	11°46'56"	0.003
22/09/2045 00:00:00	♁	10°01'33" ♎	-03°29'05"	00°31'39"	01°40'02"	1.382
22/09/2045 00:00:00	♁	13°53'54" ♎	-17°45'33"	-01°50'09"	01°06'51"	0.902
22/09/2045 00:00:00	♁	18°52'55" ♎	16°18'49"	01°12'44"	00°37'18"	2.250
22/09/2045 00:00:00	♁	04°31'24" ♎	-11°07'04"	-01°21'41"	-00°06'26"	4.071
22/09/2045 00:00:00	♁	06°41'40" ♎	-19°50'17"	01°36'31"	00°04'02"	10.357
22/09/2045 00:00:00	♁	29°14'35" ♎	12°23'53"	00°42'27"	00°03'21"	19.208
22/09/2045 00:00:00	♁	16°49'35" ♎	15°07'47"	-01°48'17"	-00°01'00"	29.123
22/09/2045 00:00:00	♁	02°22'46" ♎	-21°44'02"	-11°56'42"	-00°01'07"	39.546
22/09/2045 00:00:00	♁	22°23'18" ♎	-14°02'51"	00°00'00"	00°01'00"	0.003
22/09/2045 00:00:00	♁	25°24'52" ♎	-01°27'22"	-03°34'16"	00°08'38"	9.539
22/09/2045 00:00:00	♁	23°50'09" ♎	-13°18'23"	00°16'58"	00°06'38"	0.003

Ephemerides year 2045

22/09/2045 00:00:00	T♁	22°23'18" ♁	-14°02'51"	00°00'00"	00°01'00"	0.003
22/09/2045 00:00:00	T♄	18°21'04" ♁	-15°40'31"	-00°22'02"	00°56'29"	0.003
22/09/2045 00:00:00	X	00°08'20" ♂♄	05°21'10"	-06°34'37"	-00°00'30"	92.592
22/09/2045 00:00:00	Y	15°33'03" ♀♄	11°26'32"	-11°16'15"	-00°00'04"	78.563
23/09/2045 00:00:00	♁	00°23'06" ♁	-00°09'11"	-00°00'00"	00°58'41"	1.004
23/09/2045 00:00:00	♃	24°34'54" ♁	-13°08'19"	00°11'55"	11°48'12"	0.003
23/09/2045 00:00:00	♄	11°41'06" ♁	-04°14'17"	00°24'53"	01°39'03"	1.378
23/09/2045 00:00:00	♀	15°00'40" ♀♄	-18°09'34"	-01°54'26"	01°06'42"	0.895
23/09/2045 00:00:00	♂	19°30'13" ♂♄	16°07'35"	01°13'13"	00°37'16"	2.244
23/09/2045 00:00:00	♃	04°25'01" ♀♄	-11°09'20"	-01°21'37"	-00°06'18"	4.078
23/09/2045 00:00:00	♄	06°45'44" ♂♄	-19°51'09"	01°36'19"	00°04'06"	10.373
23/09/2045 00:00:00	♅	29°17'57" ♂♄	12°22'44"	00°42'28"	00°03'20"	19.199
23/09/2045 00:00:00	♄	16°48'33" ♂♄	15°07'27"	-01°48'20"	-00°01'02"	29.111
23/09/2045 00:00:00	♃	02°21'39" ♀♄	-21°44'21"	-11°56'37"	-00°01'06"	39.555
23/09/2045 00:00:00	♁	22°23'42" ♁	-14°02'43"	00°00'00"	-00°00'16"	0.003
23/09/2045 00:00:00	♄	25°33'30" ♀♄	-01°30'36"	-03°34'03"	00°08'37"	9.537
23/09/2045 00:00:00	♄	23°56'48" ♁	-13°15'21"	00°17'51"	00°06'38"	0.003
23/09/2045 00:00:00	T♁	22°23'42" ♁	-14°02'43"	00°00'00"	-00°00'16"	0.003
23/09/2045 00:00:00	T♄	19°19'04" ♁	-15°17'29"	-00°16'46"	00°59'41"	0.003

Ephemerides year 2045

23/09/2045 00:00:00	X	00°07'49" 	05°20'59"	-06°34'37"	-00°00'31"	92.584
23/09/2045 00:00:00	Y	15°32'58" 	11°26'23"	-11°16'23"	-00°00'05"	78.546
24/09/2045 00:00:00		01°21'49" 	-00°32'32"	00°00'00"	00°58'43"	1.003
24/09/2045 00:00:00		06°25'10" 	-07°58'56"	01°15'39"	11°52'49"	0.003
24/09/2045 00:00:00		13°19'40" 	-04°59'02"	00°18'00"	01°38'05"	1.373
24/09/2045 00:00:00		16°07'18" 	-18°33'11"	-01°58'43"	01°06'32"	0.887
24/09/2045 00:00:00		20°07'28" 	15°56'16"	01°13'41"	00°37'13"	2.239
24/09/2045 00:00:00		04°18'46" 	-11°11'33"	-01°21'34"	-00°06'11"	4.085
24/09/2045 00:00:00		06°49'53" 	-19°52'02"	01°36'07"	00°04'11"	10.388
24/09/2045 00:00:00		29°21'16" 	12°21'36"	00°42'30"	00°03'18"	19.190
24/09/2045 00:00:00		16°47'30" 	15°07'06"	-01°48'22"	-00°01'04"	29.099
24/09/2045 00:00:00		02°20'33" 	-21°44'40"	-11°56'31"	-00°01'05"	39.564
24/09/2045 00:00:00		22°22'35" 	-14°03'05"	00°00'00"	-00°02'00"	0.003
24/09/2045 00:00:00		25°42'08" 	-01°33'49"	-03°33'50"	00°08'37"	9.534
24/09/2045 00:00:00		24°03'26" 	-13°12'20"	00°18'44"	00°06'38"	0.003
24/09/2045 00:00:00	T 	22°22'35" 	-14°03'05"	00°00'00"	-00°02'00"	0.003
24/09/2045 00:00:00	T 	20°22'39" 	-14°51'52"	-00°10'52"	01°09'30"	0.003
24/09/2045 00:00:00	X	00°07'17" 	05°20'48"	-06°34'37"	-00°00'31"	92.575
24/09/2045 00:00:00	Y	15°32'53" 	11°26'15"	-11°16'31"	-00°00'05"	78.529

Ephemerides year 2045

25/09/2045 00:00:00	☉	02°20'33" ♌	-00°55'53"	00°00'00"	00°58'45"	1.003
25/09/2045 00:00:00	☾	18°21'26" ♏	-02°30'34"	02°16'28"	12°00'05"	0.003
25/09/2045 00:00:00	♁	14°57'17" ♌	-05°43'17"	00°11'01"	01°37'08"	1.368
25/09/2045 00:00:00	♀	17°13'46" ♎	-18°56'25"	-02°02'58"	01°06'23"	0.879
25/09/2045 00:00:00	♂	20°44'40" ♏	15°44'52"	01°14'10"	00°37'10"	2.233
25/09/2045 00:00:00	♃	04°12'39" ♏	-11°13'44"	-01°21'29"	-00°06'02"	4.092
25/09/2045 00:00:00	♄	06°54'07" ♏	-19°52'56"	01°35'56"	00°04'15"	10.403
25/09/2045 00:00:00	♅	29°24'34" ♏	12°20'28"	00°42'31"	00°03'17"	19.181
25/09/2045 00:00:00	♆	16°46'25" ♏	15°06'46"	-01°48'25"	-00°01'05"	29.087
25/09/2045 00:00:00	♇	02°19'27" ♏	-21°44'58"	-11°56'24"	-00°01'04"	39.573
25/09/2045 00:00:00	♁	22°19'37" ♏	-14°04'02"	00°00'00"	-00°03'56"	0.003
25/09/2045 00:00:00	♂	25°50'45" ♎	-01°37'03"	-03°33'38"	00°08'37"	9.532
25/09/2045 00:00:00	♁	24°10'05" ♏	-13°09'18"	00°19'37"	00°06'38"	0.003
25/09/2045 00:00:00	♁	22°19'37" ♏	-14°04'02"	00°00'00"	-00°03'56"	0.003
25/09/2045 00:00:00	♁	21°43'47" ♏	-14°18'42"	-00°03'14"	01°36'11"	0.003
25/09/2045 00:00:00	X	00°06'46" ♏	05°20'37"	-06°34'37"	-00°00'31"	92.567
25/09/2045 00:00:00	Y	15°32'46" ♏	11°26'06"	-11°16'39"	-00°00'06"	78.513
26/09/2045 00:00:00	☉	03°19'19" ♌	-01°19'13"	00°00'00"	00°58'47"	1.003
26/09/2045 00:00:00	☾	00°26'00" ♏	03°06'14"	03°11'43"	12°09'18"	0.003

Ephemerides year 2045

26/09/2045 00:00:00	♀	16°33'57" ♈	-06°27'01"	00°03'56"	01°36'12"	1.363
26/09/2045 00:00:00	♀	18°20'04" ♎	-19°19'13"	-02°07'13"	01°06'13"	0.872
26/09/2045 00:00:00	♂	21°21'49" ♏	15°33'23"	01°14'39"	00°37'07"	2.228
26/09/2045 00:00:00	♃	04°06'41" ♋	-11°15'50"	-01°21'25"	-00°05'54"	4.099
26/09/2045 00:00:00	♄	06°58'25" ♌	-19°53'50"	01°35'44"	00°04'20"	10.418
26/09/2045 00:00:00	♅	29°27'51" ♍	12°19'20"	00°42'33"	00°03'15"	19.171
26/09/2045 00:00:00	♆	16°45'19" ♎	15°06'25"	-01°48'28"	-00°01'07"	29.076
26/09/2045 00:00:00	♇	02°18'23" ♏	-21°45'16"	-11°56'18"	-00°01'04"	39.582
26/09/2045 00:00:00	♈	22°14'45" ♏	-14°05'37"	00°00'00"	-00°05'45"	0.003
26/09/2045 00:00:00	♉	25°59'22" ♏	-01°40'17"	-03°33'26"	00°08'36"	9.529
26/09/2045 00:00:00	♊	24°16'43" ♏	-13°06'16"	00°20'30"	00°06'38"	0.003
26/09/2045 00:00:00	T♏	22°14'45" ♏	-14°05'37"	00°00'00"	-00°05'45"	0.003
26/09/2045 00:00:00	T♊	23°42'16" ♏	-13°29'33"	00°07'54"	02°24'07"	0.003
26/09/2045 00:00:00	X	00°06'13" ♎	05°20'26"	-06°34'37"	-00°00'32"	92.559
26/09/2045 00:00:00	Y	15°32'39" ♏	11°25'58"	-11°16'47"	-00°00'07"	78.496
27/09/2045 00:00:00	☉	04°18'07" ♈	-01°42'34"	00°00'00"	00°58'49"	1.002
27/09/2045 00:00:00	☾	12°40'29" ♏	08°40'12"	03°58'49"	12°19'51"	0.003
27/09/2045 00:00:00	♀	18°09'41" ♈	-07°10'13"	-00°03'11"	01°35'16"	1.357
27/09/2045 00:00:00	♀	19°26'12" ♎	-19°41'37"	-02°11'26"	01°06'03"	0.864

Ephemerides year 2045

27/09/2045 00:00:00	♂	21°58'55" ♏	15°21'49"	01°15'07"	00°37'05"	2.222
27/09/2045 00:00:00	♃	04°00'50" ♏	-11°17'53"	-01°21'20"	-00°05'46"	4.107
27/09/2045 00:00:00	♃	07°02'47" ♏	-19°54'45"	01°35'33"	00°04'24"	10.432
27/09/2045 00:00:00	♃	29°31'06" ♏	12°18'13"	00°42'34"	00°03'14"	19.161
27/09/2045 00:00:00	♃	16°44'11" ♏	15°06'03"	-01°48'30"	-00°01'08"	29.064
27/09/2045 00:00:00	♃	02°17'19" ♏	-21°45'33"	-11°56'11"	-00°01'03"	39.592
27/09/2045 00:00:00	♏	22°08'14" ♏	-14°07'44"	00°00'00"	-00°07'10"	0.003
27/09/2045 00:00:00	♃	26°07'58" ♏	-01°43'31"	-03°33'15"	00°08'36"	9.526
27/09/2045 00:00:00	♃	24°23'22" ♏	-13°03'13"	00°21'22"	00°06'38"	0.003
27/09/2045 00:00:00	♏	22°08'14" ♏	-14°07'44"	00°00'00"	-00°07'10"	0.003
27/09/2045 00:00:00	♃	26°37'01" ♏	-12°15'41"	00°24'11"	03°26'38"	0.003
27/09/2045 00:00:00	X	00°05'41" ♏	05°20'16"	-06°34'36"	-00°00'32"	92.552
27/09/2045 00:00:00	Y	15°32'31" ♏	11°25'49"	-11°16'55"	-00°00'08"	78.480
28/09/2045 00:00:00	♁	05°16'57" ♏	-02°05'54"	00°00'00"	00°58'51"	1.002
28/09/2045 00:00:00	♁	25°06'01" ♏	13°58'45"	04°35'17"	12°31'17"	0.003
28/09/2045 00:00:00	♁	19°44'31" ♏	-07°52'51"	-00°10'23"	01°34'22"	1.351
28/09/2045 00:00:00	♁	20°32'10" ♏	-20°03'34"	-02°15'37"	01°05'53"	0.856
28/09/2045 00:00:00	♂	22°35'59" ♏	15°10'11"	01°15'36"	00°37'02"	2.217
28/09/2045 00:00:00	♃	03°55'09" ♏	-11°19'53"	-01°21'15"	-00°05'37"	4.115

Ephemerides year 2045

28/09/2045 00:00:00	♃	07°07'14" ♃	-19°55'40"	01°35'21"	00°04'29"	10.447
28/09/2045 00:00:00	♅	29°34'19" ♅	12°17'06"	00°42'36"	00°03'12"	19.151
28/09/2045 00:00:00	♆	16°43'02" ♆	15°05'41"	-01°48'33"	-00°01'09"	29.053
28/09/2045 00:00:00	♁	02°16'16" ♁	-21°45'50"	-11°56'04"	-00°01'02"	39.602
28/09/2045 00:00:00	♄	22°00'37" ♄	-14°10'12"	00°00'00"	-00°07'56"	0.003
28/09/2045 00:00:00	♁	26°16'34" ♁	-01°46'45"	-03°33'04"	00°08'35"	9.523
28/09/2045 00:00:00	♁	24°30'00" ♁	-13°00'11"	00°22'15"	00°06'38"	0.003
28/09/2045 00:00:00	♄	22°00'37" ♄	-14°10'12"	00°00'00"	-00°07'56"	0.003
28/09/2045 00:00:00	♁	00°34'54" ♁	-10°32'46"	00°46'06"	04°27'06"	0.003
28/09/2045 00:00:00	♆	00°05'08" ♆	05°20'05"	-06°34'36"	-00°00'32"	92.544
28/09/2045 00:00:00	♁	15°32'23" ♁	11°25'40"	-11°17'03"	-00°00'08"	78.464
29/09/2045 00:00:00	♁	06°15'49" ♁	-02°29'12"	00°00'00"	00°58'53"	1.002
29/09/2045 00:00:00	♃	07°43'17" ♃	18°47'25"	04°58'58"	12°43'19"	0.003
29/09/2045 00:00:00	♁	21°18'27" ♁	-08°34'55"	-00°17'38"	01°33'29"	1.344
29/09/2045 00:00:00	♁	21°37'58" ♁	-20°25'05"	-02°19'47"	01°05'42"	0.849
29/09/2045 00:00:00	♃	23°13'00" ♃	14°58'29"	01°16'04"	00°36'59"	2.211
29/09/2045 00:00:00	♁	03°49'36" ♁	-11°21'49"	-01°21'09"	-00°05'28"	4.123
29/09/2045 00:00:00	♃	07°11'45" ♃	-19°56'35"	01°35'10"	00°04'33"	10.462
29/09/2045 00:00:00	♅	29°37'31" ♅	12°16'01"	00°42'37"	00°03'11"	19.141

Ephemerides year 2045

29/09/2045 00:00:00	♁	16°41'51"	♄	15°05'19"	-01°48'35"	-00°01'11"	29.042
29/09/2045 00:00:00	♁	02°15'14"	♄	-21°46'06"	-11°55'56"	-00°01'01"	39.612
29/09/2045 00:00:00	♁	21°52'38"	♄	-14°12'47"	00°00'00"	-00°07'52"	0.003
29/09/2045 00:00:00	♁	26°25'09"	♄	-01°49'59"	-03°32'53"	00°08'34"	9.520
29/09/2045 00:00:00	♁	24°36'39"	♄	-12°57'09"	00°23'08"	00°06'38"	0.003
29/09/2045 00:00:00	T♁	21°52'38"	♄	-14°12'47"	00°00'00"	-00°07'52"	0.003
29/09/2045 00:00:00	T♁	05°24'06"	♄	-08°24'29"	01°12'16"	05°06'19"	0.003
29/09/2045 00:00:00	X	00°04'35"	♄	05°19'53"	-06°34'36"	-00°00'33"	92.537
29/09/2045 00:00:00	Y	15°32'13"	♄	11°25'32"	-11°17'10"	-00°00'09"	78.448
30/09/2045 00:00:00	♁	07°14'44"	♄	-02°52'30"	00°00'00"	00°58'55"	1.002
30/09/2045 00:00:00	♁	20°32'50"	♄	22°49'46"	05°08'07"	12°55'51"	0.003
30/09/2045 00:00:00	♁	22°51'29"	♄	-09°16'22"	-00°24'54"	01°32'36"	1.337
30/09/2045 00:00:00	♁	22°43'36"	♄	-20°46'10"	-02°23'55"	01°05'31"	0.841
30/09/2045 00:00:00	♁	23°49'58"	♄	14°46'42"	01°16'33"	00°36'56"	2.205
30/09/2045 00:00:00	♁	03°44'12"	♄	-11°23'42"	-01°21'04"	-00°05'18"	4.132
30/09/2045 00:00:00	♁	07°16'21"	♄	-19°57'31"	01°34'59"	00°04'37"	10.476
30/09/2045 00:00:00	♁	29°40'41"	♄	12°14'55"	00°42'39"	00°03'09"	19.130
30/09/2045 00:00:00	♁	16°40'39"	♄	15°04'56"	-01°48'37"	-00°01'12"	29.031
30/09/2045 00:00:00	♁	02°14'13"	♄	-21°46'22"	-11°55'48"	-00°01'00"	39.623

Ephemerides year 2045

30/09/2045 00:00:00	♁	21°45'08" ♁	-14°15'11"	00°00'00"	-00°06'57"	0.003
30/09/2045 00:00:00	♅	26°33'44" ♁	-01°53'14"	-03°32'42"	00°08'34"	9.516
30/09/2045 00:00:00	♁	24°43'18" ♁	-12°54'06"	00°24'01"	00°06'38"	0.003
30/09/2045 00:00:00	T♁	21°45'08" ♁	-14°15'11"	00°00'00"	-00°06'57"	0.003
30/09/2045 00:00:00	T♁	10°35'44" ♁	-06°03'11"	01°39'46"	05°10'23"	0.003
30/09/2045 00:00:00	X	00°04'02" ♁	05°19'42"	-06°34'35"	-00°00'33"	92.530
30/09/2045 00:00:00	Y	15°32'03" ♁	11°25'23"	-11°17'18"	-00°00'10"	78.432
01/10/2045 00:00:00	♁	08°13'41" ♁	-03°15'46"	00°00'00"	00°58'57"	1.001
01/10/2045 00:00:00	♁	03°35'13" ♁	25°47'58" ♁	05°01'36"	13°09'00"	0.003
01/10/2045 00:00:00	♁	24°23'39" ♁	-09°57'11"	-00°32'10"	01°31'43"	1.330
01/10/2045 00:00:00	♁	23°49'02" ♁	-21°06'47"	-02°28'01"	01°05'20"	0.834
01/10/2045 00:00:00	♁	24°26'54" ♁	14°34'50"	01°17'01"	00°36'54"	2.199
01/10/2045 00:00:00	♁	03°38'58" ♁	-11°25'30"	-01°20'58"	-00°05'09"	4.141
01/10/2045 00:00:00	♁	07°21'01" ♁	-19°58'28"	01°34'48"	00°04'42"	10.490
01/10/2045 00:00:00	♁	29°43'50" ♁	12°13'50"	00°42'40"	00°03'07"	19.119
01/10/2045 00:00:00	♁	16°39'26" ♁	15°04'33"	-01°48'40"	-00°01'13"	29.021
01/10/2045 00:00:00	♁	02°13'13" ♁	-21°46'36"	-11°55'40"	-00°00'59"	39.633
01/10/2045 00:00:00	♁	21°38'56" ♁	-14°17'11"	00°00'00"	-00°05'20"	0.003
01/10/2045 00:00:00	♅	26°42'18" ♁	-01°56'28"	-03°32'32"	00°08'33"	9.512

Ephemerides year 2045

01/10/2045 00:00:00	☾	24°49'56" ♊	-12°51'03"	00°24'54"	00°06'38"	0.003
01/10/2045 00:00:00	♄♁	21°38'56" ♋	-14°17'11"	00°00'00"	-00°05'20"	0.003
01/10/2045 00:00:00	♄☾	15°31'28" ♋	-03°46'59"	02°05'02"	04°34'30"	0.003
01/10/2045 00:00:00	X	00°03'29" ♄	05°19'31"	-06°34'35"	-00°00'33"	92.524
01/10/2045 00:00:00	Y	15°31'53" ♄	11°25'14"	-11°17'26"	-00°00'11"	78.416
02/10/2045 00:00:00	☉	09°12'40" ♋	-03°39'00"	00°00'00"	00°59'00"	1.001
02/10/2045 00:00:00	☾	16°51'08" ♋	27°24'44" ♁	04°38'59"	13°22'56"	0.003
02/10/2045 00:00:00	♀	25°54'57" ♋	-10°37'22"	-00°39'27"	01°30'51"	1.322
02/10/2045 00:00:00	♀	24°54'17" ♋	-21°26'56"	-02°32'05"	01°05'09"	0.826
02/10/2045 00:00:00	♂	25°03'47" ♋	14°22'55"	01°17'30"	00°36'51"	2.193
02/10/2045 00:00:00	♃	03°33'54" ♋	-11°27'15"	-01°20'52"	-00°04'59"	4.150
02/10/2045 00:00:00	♃	07°25'45" ♋	-19°59'25"	01°34'37"	00°04'46"	10.505
02/10/2045 00:00:00	♃	29°46'57" ♋	12°12'46"	00°42'42"	00°03'05"	19.108
02/10/2045 00:00:00	♃	16°38'11" ♄	15°04'10"	-01°48'42"	-00°01'15"	29.011
02/10/2045 00:00:00	♃	02°12'14" ♄	-21°46'51"	-11°55'32"	-00°00'58"	39.644
02/10/2045 00:00:00	♁	21°34'35" ♋	-14°18'35"	00°00'00"	-00°03'18"	0.003
02/10/2045 00:00:00	♃	26°50'51" ♋	-01°59'42"	-03°32'22"	00°08'32"	9.508
02/10/2045 00:00:00	☾	24°56'35" ♋	-12°48'00"	00°25'47"	00°06'38"	0.003
02/10/2045 00:00:00	♄♁	21°34'35" ♋	-14°18'35"	00°00'00"	-00°03'18"	0.003

Ephemerides year 2045

02/10/2045 00:00:00	T♄	19°32'41" ♈	-01°54'58"	02°24'55"	03°22'42"	0.003
02/10/2045 00:00:00	X	00°02'55" ♄	05°19'20"	-06°34'34"	-00°00'33"	92.518
02/10/2045 00:00:00	Y	15°31'41" ♀	11°25'06"	-11°17'33"	-00°00'11"	78.400
03/10/2045 00:00:00	☉	10°11'41" ♌	-04°02'11"	00°00'00"	00°59'02"	1.001
03/10/2045 00:00:00	☾	00°21'25" ♋	27°26'42" ♋	04°00'36"	13°37'44"	0.003
03/10/2045 00:00:00	♀	27°25'23" ♌	-11°16'52"	-00°46'43"	01°29'59"	1.313
03/10/2045 00:00:00	♀	25°59'21" ♌	-21°46'36"	-02°36'07"	01°04'58"	0.818
03/10/2045 00:00:00	♂	25°40'37" ♌	14°10'55"	01°17'58"	00°36'48"	2.188
03/10/2045 00:00:00	♃	03°28'59" ♈	-11°28'56"	-01°20'45"	-00°04'49"	4.159
03/10/2045 00:00:00	♅	07°30'33" ♉	-20°00'23"	01°34'26"	00°04'50"	10.519
03/10/2045 00:00:00	♁	29°50'02" ♉	12°11'43"	00°42'44"	00°03'04"	19.097
03/10/2045 00:00:00	♃	16°36'55" ♈	15°03'46"	-01°48'44"	-00°01'16"	29.001
03/10/2045 00:00:00	♂	02°11'16" ♈	-21°47'04"	-11°55'24"	-00°00'57"	39.655
03/10/2045 00:00:00	♁	21°32'19" ♉	-14°19'19"	00°00'00"	-00°01'17"	0.003
03/10/2045 00:00:00	♁	26°59'24" ♉	-02°02'56"	-03°32'12"	00°08'31"	9.504
03/10/2045 00:00:00	♁	25°03'14" ♉	-12°44'57"	00°26'40"	00°06'38"	0.003
03/10/2045 00:00:00	T♁	21°32'19" ♉	-14°19'19"	00°00'00"	-00°01'17"	0.003
03/10/2045 00:00:00	T♄	22°08'47" ♈	-00°42'16"	02°37'23"	01°46'55"	0.003
03/10/2045 00:00:00	X	00°02'22" ♄	05°19'09"	-06°34'34"	-00°00'33"	92.512

Ephemerides year 2045

03/10/2045 00:00:00	Y	15°31'29" ♀	11°24'57"	-11°17'41"	-00°00'12"	78.384
04/10/2045 00:00:00	☉	11°10'45" ♄	-04°25'20"	00°00'00"	00°59'04"	1.000
04/10/2045 00:00:00	☾	14°06'53" ♃	25°47'58" ♁	03°07'47"	13°53'17"	0.002
04/10/2045 00:00:00	♀	28°54'57" ♄	-11°55'41"	-00°53'57"	01°29'08"	1.304
04/10/2045 00:00:00	♀	27°04'13" ♎	-22°05'48"	-02°40'06"	01°04'46"	0.811
04/10/2045 00:00:00	♂	26°17'24" ♋	13°58'52"	01°18'26"	00°36'45"	2.181
04/10/2045 00:00:00	♃	03°24'14" ♃	-11°30'34"	-01°20'39"	-00°04'39"	4.168
04/10/2045 00:00:00	♃	07°35'26" ♃	-20°01'20"	01°34'15"	00°04'54"	10.532
04/10/2045 00:00:00	♃	29°53'05" ♋	12°10'40"	00°42'45"	00°03'02"	19.086
04/10/2045 00:00:00	♃	16°35'38" ♃	15°03'22"	-01°48'46"	-00°01'17"	28.991
04/10/2045 00:00:00	♃	02°10'19" ♃	-21°47'18"	-11°55'15"	-00°00'56"	39.666
04/10/2045 00:00:00	♋	21°31'52" ♃	-14°19'28"	00°00'00"	00°00'17"	0.003
04/10/2045 00:00:00	♃	27°07'55" ♎	-02°06'11"	-03°32'03"	00°08'30"	9.499
04/10/2045 00:00:00	♃	25°09'53" ♃	-12°41'54"	00°27'33"	00°06'38"	0.003
04/10/2045 00:00:00	♋	21°31'52" ♃	-14°19'28"	00°00'00"	00°00'17"	0.003
04/10/2045 00:00:00	♃	23°05'06" ♃	-00°16'03"	02°41'46"	00°07'03"	0.003
04/10/2045 00:00:00	X	00°01'48" ♃	05°18'58"	-06°34'33"	-00°00'34"	92.506
04/10/2045 00:00:00	Y	15°31'17" ♀	11°24'48"	-11°17'49"	-00°00'13"	78.369
05/10/2045 00:00:00	☉	12°09'51" ♄	-04°48'26"	00°00'00"	00°59'07"	1.000

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05/10/2045 00:00:00	♃	28°08'04" ♃	22°32'10"	02°02'48"	14°09'02"	0.002
05/10/2045 00:00:00	♆	00°23'39" ♃	-12°33'47"	-01°01'10"	01°28'15"	1.295
05/10/2045 00:00:00	♀	28°08'54" ♃	-22°24'30"	-02°44'02"	01°04'34"	0.803
05/10/2045 00:00:00	♂	26°54'09" ♃	13°46'44"	01°18'54"	00°36'42"	2.175
05/10/2045 00:00:00	♃	03°19'39" ♃	-11°32'07"	-01°20'32"	-00°04'29"	4.178
05/10/2045 00:00:00	♃	07°40'22" ♃	-20°02'19"	01°34'04"	00°04'58"	10.546
05/10/2045 00:00:00	♃	29°56'06" ♃	12°09'37"	00°42'47"	00°03'00"	19.074
05/10/2045 00:00:00	♃	16°34'19" ♃	15°02'58"	-01°48'48"	-00°01'19"	28.981
05/10/2045 00:00:00	♃	02°09'23" ♃	-21°47'30"	-11°55'06"	-00°00'55"	39.678
05/10/2045 00:00:00	♃	21°32'37" ♃	-14°19'13"	00°00'00"	00°01'02"	0.003
05/10/2045 00:00:00	♃	27°16'25" ♃	-02°09'25"	-03°31'53"	00°08'29"	9.494
05/10/2045 00:00:00	♃	25°16'32" ♃	-12°38'51"	00°28'26"	00°06'38"	0.003
05/10/2045 00:00:00	♃	21°32'37" ♃	-14°19'13"	00°00'00"	00°01'02"	0.003
05/10/2045 00:00:00	♃	22°29'55" ♃	-00°32'30"	02°38'57"	-01°11'56"	0.003
05/10/2045 00:00:00	X	00°01'13" ♃	05°18'47"	-06°34'32"	-00°00'34"	92.500
05/10/2045 00:00:00	Y	15°31'03" ♃	11°24'39"	-11°17'56"	-00°00'13"	78.353
06/10/2045 00:00:00	♃	13°08'59" ♃	-05°11'28"	-00°00'00"	00°59'09"	1.000
06/10/2045 00:00:00	♃	12°24'40" ♃	17°51'42"	00°49'07"	14°23'52"	0.002
06/10/2045 00:00:00	♆	01°51'29" ♃	-13°11'09"	-01°08'18"	01°27'23"	1.285

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06/10/2045 00:00:00	♀	29°13'22" ♍	-22°42'42"	-02°47'55"	01°04'21"	0.795
06/10/2045 00:00:00	♂	27°30'50" ♋	13°34'34"	01°19'22"	00°36'39"	2.169
06/10/2045 00:00:00	♃	03°15'14" ♉	-11°33'36"	-01°20'24"	-00°04'19"	4.188
06/10/2045 00:00:00	♅	07°45'23" ♌	-20°03'17"	01°33'54"	00°05'02"	10.560
06/10/2045 00:00:00	♁	29°59'06" ♋	12°08'36"	00°42'49"	00°02'58"	19.063
06/10/2045 00:00:00	♃	16°32'59" ♉	15°02'33"	-01°48'51"	-00°01'20"	28.972
06/10/2045 00:00:00	♁	02°08'28" ♉	-21°47'42"	-11°54'57"	-00°00'54"	39.690
06/10/2045 00:00:00	♋	21°33'36" ♌	-14°18'54"	00°00'00"	00°00'44"	0.003
06/10/2045 00:00:00	♁	27°24'55" ♉	-02°12'39"	-03°31'45"	00°08'28"	9.489
06/10/2045 00:00:00	♁	25°23'10" ♌	-12°35'47"	00°29'18"	00°06'38"	0.003
06/10/2045 00:00:00	♋	21°33'36" ♌	-14°18'54"	00°00'00"	00°00'44"	0.003
06/10/2045 00:00:00	♁	20°54'33" ♉	-01°17'01"	02°31'19"	-01°51'38"	0.003
06/10/2045 00:00:00	X	00°00'39" ♉	05°18'36"	-06°34'32"	-00°00'34"	92.495
06/10/2045 00:00:00	Y	15°30'49" ♉	11°24'31"	-11°18'03"	-00°00'14"	78.338
07/10/2045 00:00:00	♁	14°08'09" ♉	-05°34'26"	-00°00'00"	00°59'11"	1.000
07/10/2045 00:00:00	♃	26°54'58" ♋	12°05'16"	-00°28'46"	14°36'10"	0.002
07/10/2045 00:00:00	♁	03°18'25" ♉	-13°47'45"	-01°15'23"	01°26'30"	1.275
07/10/2045 00:00:00	♀	00°17'37" ♌	-23°00'23"	-02°51'45"	01°04'08"	0.788
07/10/2045 00:00:00	♂	28°07'29" ♋	13°22'19"	01°19'51"	00°36'36"	2.163

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07/10/2045 00:00:00	♃	03°11'00" ♉	-11°35'01"	-01°20'17"	-00°04'08"	4.198
07/10/2045 00:00:00	♅	07°50'27" ♈	-20°04'17"	01°33'43"	00°05'06"	10.573
07/10/2045 00:00:00	♁	00°02'03" ♈	12°07'35"	00°42'50"	00°02'56"	19.051
07/10/2045 00:00:00	♆	16°31'38" ♈	15°02'09"	-01°48'53"	-00°01'21"	28.963
07/10/2045 00:00:00	♁	02°07'34" ♉	-21°47'53"	-11°54'48"	-00°00'53"	39.702
07/10/2045 00:00:00	♁	21°33'45" ♈	-14°18'52"	00°00'00"	-00°00'36"	0.003
07/10/2045 00:00:00	♁	27°33'23" ♈	-02°15'53"	-03°31'36"	00°08'27"	9.484
07/10/2045 00:00:00	♁	25°29'49" ♈	-12°32'44"	00°30'11"	00°06'38"	0.003
07/10/2045 00:00:00	♁	21°33'45" ♈	-14°18'52"	00°00'00"	-00°00'36"	0.003
07/10/2045 00:00:00	♁	18°59'20" ♉	-02°10'42"	02°21'59"	-01°53'53"	0.003
07/10/2045 00:00:00	X	00°00'04" ♈	05°18'25"	-06°34'31"	-00°00'34"	92.490
07/10/2045 00:00:00	Y	15°30'34" ♉	11°24'22"	-11°18'11"	-00°00'15"	78.323
08/10/2045 00:00:00	♁	15°07'22" ♈	-05°57'21"	-00°00'00"	00°59'13"	0.999
08/10/2045 00:00:00	♁	11°35'32" ♈	05°35'15"	-01°45'31"	14°44'02"	0.002
08/10/2045 00:00:00	♁	04°44'29" ♈	-14°23'35"	-01°22'24"	01°25'36"	1.264
08/10/2045 00:00:00	♁	01°21'39" ♈	-23°17'33"	-02°55'31"	01°03'55"	0.780
08/10/2045 00:00:00	♁	28°44'04" ♈	13°10'02"	01°20'19"	00°36'33"	2.157
08/10/2045 00:00:00	♃	03°06'57" ♉	-11°36'22"	-01°20'09"	-00°03'58"	4.209
08/10/2045 00:00:00	♅	07°55'35" ♈	-20°05'16"	01°33'33"	00°05'10"	10.587

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08/10/2045 00:00:00	♃	00°04'59" ♉	12°06'35"	00°42'52"	00°02'54"	19.038
08/10/2045 00:00:00	♃	16°30'16" ♉	15°01'43"	-01°48'55"	-00°01'23"	28.954
08/10/2045 00:00:00	♃	02°06'41" ♉	-21°48'04"	-11°54'38"	-00°00'52"	39.714
08/10/2045 00:00:00	♃	21°32'07" ♉	-14°19'23"	00°00'00"	-00°02'44"	0.003
08/10/2045 00:00:00	♃	27°41'49" ♉	-02°19'06"	-03°31'28"	00°08'26"	9.478
08/10/2045 00:00:00	♃	25°36'28" ♉	-12°29'40"	00°31'04"	00°06'38"	0.003
08/10/2045 00:00:00	♃	21°32'07" ♉	-14°19'23"	00°00'00"	-00°02'44"	0.003
08/10/2045 00:00:00	♃	17°12'29" ♉	-03°00'19"	02°13'16"	-01°39'04"	0.003
08/10/2045 00:00:00	X	29°59'29" ♉	05°18'14"	-06°34'30"	-00°00'35"	92.486
08/10/2045 00:00:00	Y	15°30'18" ♉	11°24'13"	-11°18'18"	-00°00'16"	78.308
09/10/2045 00:00:00	♃	16°06'37" ♉	-06°20'10"	-00°00'00"	00°59'16"	0.999
09/10/2045 00:00:00	♃	26°20'56" ♉	-01°13'58"	-02°55'28"	14°45'35"	0.002
09/10/2045 00:00:00	♃	06°09'37" ♉	-14°58'36"	-01°29'18"	01°24'40"	1.253
09/10/2045 00:00:00	♃	02°25'27" ♉	-23°34'12"	-02°59'14"	01°03'41"	0.772
09/10/2045 00:00:00	♃	29°20'36" ♉	12°57'41"	01°20'47"	00°36'30"	2.151
09/10/2045 00:00:00	♃	03°03'04" ♉	-11°37'39"	-01°20'02"	-00°03'47"	4.219
09/10/2045 00:00:00	♃	08°00'47" ♉	-20°06'16"	01°33'23"	00°05'13"	10.600
09/10/2045 00:00:00	♃	00°07'52" ♉	12°05'36"	00°42'54"	00°02'52"	19.026
09/10/2045 00:00:00	♃	16°28'52" ♉	15°01'18"	-01°48'56"	-00°01'24"	28.946

Ephemerides year 2045

09/10/2045 00:00:00	♁	02°05'49" ♉	-21°48'14"	-11°54'28"	-00°00'51"	39.726
09/10/2045 00:00:00	♁	21°28'08" ♉	-14°20'40"	00°00'00"	-00°05'14"	0.003
09/10/2045 00:00:00	♁	27°50'15" ♉	-02°22'19"	-03°31'20"	00°08'24"	9.473
09/10/2045 00:00:00	♁	25°43'06" ♉	-12°26'36"	00°31'57"	00°06'38"	0.003
09/10/2045 00:00:00	♁	21°28'08" ♉	-14°20'40"	00°00'00"	-00°05'14"	0.003
09/10/2045 00:00:00	♁	15°39'02" ♉	-03°43'25"	02°05'44"	-01°30'21"	0.003
09/10/2045 00:00:00	X	29°58'54" ♉	05°18'03"	-06°34'29"	-00°00'35"	92.482
09/10/2045 00:00:00	Y	15°30'01" ♉	11°24'04"	-11°18'25"	-00°00'16"	78.293
10/10/2045 00:00:00	♁	17°05'54" ♉	-06°42'55"	-00°00'00"	00°59'18"	0.999
10/10/2045 00:00:00	♁	11°04'11" ♉	-07°57'26"	-03°53'24"	14°39'37"	0.002
10/10/2045 00:00:00	♁	07°33'50" ♉	-15°32'47"	-01°36'06"	01°23'43"	1.242
10/10/2045 00:00:00	♁	03°29'02" ♉	-23°50'19"	-03°02'53"	01°03'27"	0.765
10/10/2045 00:00:00	♁	29°57'05" ♉	12°45'16"	01°21'15"	00°36'27"	2.144
10/10/2045 00:00:00	♁	02°59'22" ♉	-11°38'52"	-01°19'54"	-00°03'36"	4.230
10/10/2045 00:00:00	♁	08°06'03" ♉	-20°07'16"	01°33'12"	00°05'17"	10.613
10/10/2045 00:00:00	♁	00°10'43" ♉	12°04'37"	00°42'56"	00°02'50"	19.013
10/10/2045 00:00:00	♁	16°27'27" ♉	15°00'52"	-01°48'58"	-00°01'25"	28.937
10/10/2045 00:00:00	♁	02°04'58" ♉	-21°48'24"	-11°54'18"	-00°00'50"	39.739
10/10/2045 00:00:00	♁	21°21'43" ♉	-14°22'43"	00°00'00"	-00°07'32"	0.003

Ephemerides year 2045

10/10/2045 00:00:00	♄	27°58'39" ♎	-02°25'32"	-03°31'12"	00°08'23"	9.467
10/10/2045 00:00:00	♁	25°49'45" ♋	-12°23'33"	00°32'50"	00°06'38"	0.003
10/10/2045 00:00:00	♁♂	21°21'43" ♋	-14°22'43"	00°00'00"	-00°07'32"	0.003
10/10/2045 00:00:00	♁♄	14°05'10" ♋	-04°26'21"	01°58'20"	-01°40'59"	0.003
10/10/2045 00:00:00	X	29°58'18" ♏	05°17'52"	-06°34'28"	-00°00'35"	92.478
10/10/2045 00:00:00	Y	15°29'44" ♏	11°23'56"	-11°18'32"	-00°00'17"	78.278
11/10/2045 00:00:00	♁	18°05'13" ♋	-07°05'34"	-00°00'00"	00°59'20"	0.998
11/10/2045 00:00:00	♁	25°37'39" ♋	-14°10'30"	-04°35'23"	14°26'04"	0.002
11/10/2045 00:00:00	♁	08°57'04" ♎	-16°06'07"	-01°42'47"	01°22'45"	1.230
11/10/2045 00:00:00	♁	04°32'22" ♏	-24°05'54"	♁-03°06'28"	01°03'12"	0.757
11/10/2045 00:00:00	♁	00°33'31" ♎	12°32'49"	01°21'43"	00°36'24"	2.138
11/10/2045 00:00:00	♁	02°55'52" ♋	-11°40'00"	-01°19'45"	-00°03'24"	4.241
11/10/2045 00:00:00	♁	08°11'23" ♏	-20°08'16"	01°33'02"	00°05'21"	10.626
11/10/2045 00:00:00	♁	00°13'32" ♎	12°03'39"	00°42'58"	00°02'48"	19.001
11/10/2045 00:00:00	♁	16°26'02" ♏	15°00'26"	-01°49'00"	-00°01'26"	28.929
11/10/2045 00:00:00	♁	02°04'09" ♋	-21°48'32"	-11°54'08"	-00°00'49"	39.752
11/10/2045 00:00:00	♁	21°13'17" ♋	-14°25'25"	00°00'00"	-00°09'09"	0.003
11/10/2045 00:00:00	♁	28°07'01" ♎	-02°28'45"	-03°31'05"	00°08'21"	9.460
11/10/2045 00:00:00	♁	25°56'23" ♋	-12°20'28"	00°33'42"	00°06'38"	0.003

Ephemerides year 2045

11/10/2045 00:00:00	T♄	21°13'17" ♊	-14°25'25"	00°00'00"	-00°09'09"	0.003
11/10/2045 00:00:00	T♄	12°10'25" ♋	-05°18'27"	01°49'23"	-02°11'07"	0.003
11/10/2045 00:00:00	X	29°57'42" ♋	05°17'40"	-06°34'26"	-00°00'35"	92.474
11/10/2045 00:00:00	Y	15°29'26" ♋	11°23'47"	-11°18'39"	-00°00'18"	78.264
12/10/2045 00:00:00	☉	19°04'35" ♌	-07°28'07"	-00°00'00"	00°59'22"	0.998
12/10/2045 00:00:00	☾	09°54'12" ♌	-19°30'23"	-04°59'10"	14°06'05"	0.002
12/10/2045 00:00:00	♁	10°19'19" ♌	-16°38'34"	-01°49'20"	01°21'44"	1.218
12/10/2045 00:00:00	♀	05°35'28" ♌	-24°20'56"	0-03°09'59"	01°02'57"	0.749
12/10/2045 00:00:00	♂	01°09'54" ♌	12°20'19"	01°22'11"	00°36'21"	2.131
12/10/2045 00:00:00	♃	02°52'32" ♌	-11°41'04"	-01°19'37"	-00°03'13"	4.252
12/10/2045 00:00:00	♅	08°16'46" ♌	-20°09'16"	01°32'52"	00°05'25"	10.638
12/10/2045 00:00:00	♆	00°16'19" ♌	12°02'42"	00°43'00"	00°02'45"	18.988
12/10/2045 00:00:00	♁	16°24'35" ♌	15°00'00"	-01°49'02"	-00°01'27"	28.922
12/10/2045 00:00:00	♂	02°03'20" ♌	-21°48'40"	-11°53'57"	-00°00'47"	39.765
12/10/2045 00:00:00	♁	21°03'45" ♌	-14°28'28"	00°00'00"	-00°09'44"	0.003
12/10/2045 00:00:00	♁	28°15'22" ♌	-02°31'58"	-03°30'58"	00°08'20"	9.454
12/10/2045 00:00:00	♁	26°03'02" ♌	-12°17'24"	00°34'35"	00°06'38"	0.003
12/10/2045 00:00:00	T♄	21°03'45" ♌	-14°28'28"	00°00'00"	-00°09'44"	0.003
12/10/2045 00:00:00	T♄	09°40'04" ♌	-06°26'13"	01°37'30"	-02°49'34"	0.003

Ephemerides year 2045

12/10/2045 00:00:00	X	29°57'07" ♄	05°17'29"	-06°34'25"	-00°00'35"	92.470
12/10/2045 00:00:00	Y	15°29'07" ♀	11°23'38"	-11°18'46"	-00°00'18"	78.249
13/10/2045 00:00:00		20°03'58" ♁	-07°50'35"	-00°00'00"	00°59'24"	0.998
13/10/2045 00:00:00		23°48'24" ♃	-23°37'55"	-05°04'27"	13°41'46"	0.003
13/10/2045 00:00:00		11°40'32" ♃	-17°10'06"	-01°55'44"	01°20'40"	1.205
13/10/2045 00:00:00		06°38'17" ♀	-24°35'25"	-03°13'25"	01°02'41"	0.742
13/10/2045 00:00:00		01°46'13" ♃	12°07'46"	01°22'39"	00°36'17"	2.125
13/10/2045 00:00:00		02°49'25" ♃	-11°42'04"	-01°19'28"	-00°03'01"	4.263
13/10/2045 00:00:00		08°22'13" ♀	-20°10'17"	01°32'43"	00°05'28"	10.651
13/10/2045 00:00:00		00°19'04" ♃	12°01'45"	00°43'02"	00°02'43"	18.974
13/10/2045 00:00:00		16°23'07" ♄	14°59'33"	-01°49'03"	-00°01'28"	28.914
13/10/2045 00:00:00		02°02'33" ♃	-21°48'48"	-11°53'46"	-00°00'46"	39.778
13/10/2045 00:00:00		20°54'11" ♁	-14°31'31"	00°00'00"	-00°09'11"	0.003
13/10/2045 00:00:00		28°23'41" ♃	-02°35'10"	-03°30'51"	00°08'18"	9.447
13/10/2045 00:00:00		26°09'41" ♁	-12°14'20"	00°35'28"	00°06'38"	0.003
13/10/2045 00:00:00	TΩ	20°54'11" ♁	-14°31'31"	00°00'00"	-00°09'11"	0.003
13/10/2045 00:00:00	T♃	06°34'29" ♃	-07°49'06"	01°22'32"	-03°18'26"	0.003
13/10/2045 00:00:00	X	29°56'31" ♄	05°17'18"	-06°34'24"	-00°00'35"	92.467
13/10/2045 00:00:00	Y	15°28'48" ♀	11°23'29"	-11°18'53"	-00°00'19"	78.235

Ephemerides year 2045

14/10/2045 00:00:00	☉	21°03'23" ♈	-08°12'55"	-00°00'00"	00°59'26"	0.998
14/10/2045 00:00:00	☾	07°17'12" ♊	-26°19'39"	o-04°52'26"	13°15'44"	0.003
14/10/2045 00:00:00	♀	13°00'39" ♎	-17°40'41"	-02°01'58"	01°19'33"	1.192
14/10/2045 00:00:00	♀	07°40'51" ♊	-24°49'21"	o-03°16'47"	01°02'25"	0.734
14/10/2045 00:00:00	♂	02°22'29" ♎	11°55'11"	01°23'07"	00°36'14"	2.118
14/10/2045 00:00:00	♃	02°46'28" ♏	-11°43'00"	-01°19'19"	-00°02'50"	4.275
14/10/2045 00:00:00	♄	08°27'44" ♊	-20°11'18"	01°32'33"	00°05'32"	10.663
14/10/2045 00:00:00	♅	00°21'46" ♎	12°00'50"	00°43'04"	00°02'41"	18.961
14/10/2045 00:00:00	♆	16°21'38" ♏	14°59'06"	-01°49'05"	-00°01'29"	28.907
14/10/2045 00:00:00	♇	02°01'47" ♏	-21°48'55"	-11°53'35"	-00°00'45"	39.792
14/10/2045 00:00:00	♁	20°45'41" ♏	-14°34'14"	00°00'00"	-00°07'40"	0.003
14/10/2045 00:00:00	♂	28°31'59" ♎	-02°38'22"	-03°30'45"	00°08'16"	9.440
14/10/2045 00:00:00	♁	26°16'20" ♏	-12°11'15"	00°36'21"	00°06'38"	0.003
14/10/2045 00:00:00	♁	20°45'41" ♏	-14°34'14"	00°00'00"	-00°07'40"	0.003
14/10/2045 00:00:00	♁	03°11'41" ♏	-09°18'30"	01°05'49"	-03°22'15"	0.003
14/10/2045 00:00:00	X	29°55'55" ♏	05°17'07"	-06°34'22"	-00°00'35"	92.464
14/10/2045 00:00:00	Y	15°28'28" ♏	11°23'20"	-11°19'00"	-00°00'20"	78.221
15/10/2045 00:00:00	☉	22°02'50" ♈	-08°35'09"	-00°00'00"	00°59'27"	0.997
15/10/2045 00:00:00	☾	20°20'09" ♊	-27°29'37"	o-04°25'20"	12°50'29"	0.003

Ephemerides year 2045

15/10/2045 00:00:00	♀	14°19'37" ♍	-18°10'18"	-02°08'00"	01°18'22"	1.178
15/10/2045 00:00:00	♀	08°43'08" ♈	-25°02'42"	o-03°20'04"	01°02'08"	0.726
15/10/2045 00:00:00	♂	02°58'42" ♍	11°42'33"	01°23'35"	00°36'11"	2.111
15/10/2045 00:00:00	♃	02°43'44" ♏	-11°43'50"	-01°19'10"	-00°02'38"	4.287
15/10/2045 00:00:00	♃	08°33'18" ♈	-20°12'19"	01°32'23"	00°05'35"	10.675
15/10/2045 00:00:00	♃	00°24'27" ♍	11°59'55"	00°43'06"	00°02'39"	18.948
15/10/2045 00:00:00	♃	16°20'08" ♏	14°58'39"	-01°49'07"	-00°01'30"	28.900
15/10/2045 00:00:00	♃	02°01'02" ♏	-21°49'01"	-11°53'24"	-00°00'44"	39.805
15/10/2045 00:00:00	♁	20°39'04" ♏	-14°36'20"	00°00'00"	-00°05'30"	0.003
15/10/2045 00:00:00	♃	28°40'15" ♍	-02°41'33"	-03°30'38"	00°08'15"	9.433
15/10/2045 00:00:00	♃	26°22'58" ♏	-12°08'11"	00°37'13"	00°06'38"	0.003
15/10/2045 00:00:00	♁	20°39'04" ♏	-14°36'20"	00°00'00"	-00°05'30"	0.003
15/10/2045 00:00:00	♁	29°59'36" ♏	-10°41'49"	00°49'40"	-02°57'43"	0.003
15/10/2045 00:00:00	X	29°55'19" ♏	05°16'56"	-06°34'21"	-00°00'35"	92.462
15/10/2045 00:00:00	Y	15°28'08" ♏	11°23'12"	-11°19'06"	-00°00'20"	78.207
16/10/2045 00:00:00	♁	23°02'19" ♏	-08°57'15"	-00°00'00"	00°59'29"	0.997
16/10/2045 00:00:00	♃	02°59'08" ♏	-27°09'53"	o-03°45'50"	12°28'03"	0.003
16/10/2045 00:00:00	♀	15°37'22" ♍	-18°38'54"	-02°13'50"	01°17'06"	1.164
16/10/2045 00:00:00	♀	09°45'07" ♈	-25°15'30"	o-03°23'15"	01°01'50"	0.718

Ephemerides year 2045

16/10/2045 00:00:00	♂	03°34'51" ♉	11°29'52"	01°24'03"	00°36'07"	2.105
16/10/2045 00:00:00	♃	02°41'11" ♉	-11°44'37"	-01°19'01"	-00°02'26"	4.299
16/10/2045 00:00:00	♅	08°38'55" ♉	-20°13'21"	01°32'14"	00°05'39"	10.687
16/10/2045 00:00:00	♁	00°27'05" ♉	11°59'01"	00°43'08"	00°02'36"	18.934
16/10/2045 00:00:00	♃	16°18'38" ♉	14°58'12"	-01°49'08"	-00°01'31"	28.893
16/10/2045 00:00:00	♁	02°00'19" ♉	-21°49'06"	-11°53'13"	-00°00'42"	39.819
16/10/2045 00:00:00	♁	20°34'44" ♉	-14°37'43"	00°00'00"	-00°03'10"	0.003
16/10/2045 00:00:00	♁	28°48'29" ♉	-02°44'44"	-03°30'32"	00°08'13"	9.426
16/10/2045 00:00:00	♁	26°29'37" ♉	-12°05'06"	00°38'06"	00°06'38"	0.003
16/10/2045 00:00:00	♁	20°34'44" ♉	-14°37'43"	00°00'00"	-00°03'10"	0.003
16/10/2045 00:00:00	♁	27°22'22" ♉	-11°48'54"	00°36'14"	-02°14'59"	0.003
16/10/2045 00:00:00	X	29°54'43" ♉	05°16'45"	-06°34'19"	-00°00'36"	92.460
16/10/2045 00:00:00	Y	15°27'47" ♉	11°23'03"	-11°19'13"	-00°00'21"	78.193
17/10/2045 00:00:00	♁	24°01'49" ♉	-09°19'14"	-00°00'00"	00°59'31"	0.997
17/10/2045 00:00:00	♁	15°17'43" ♉	-25°29'04"	-02°56'44"	12°09'54"	0.003
17/10/2045 00:00:00	♁	16°53'48" ♉	-19°06'28"	-02°19'26"	01°15'46"	1.149
17/10/2045 00:00:00	♁	10°46'48" ♉	-25°27'43"	-03°26'22"	01°01'31"	0.711
17/10/2045 00:00:00	♂	04°10'57" ♉	11°17'10"	01°24'31"	00°36'04"	2.098
17/10/2045 00:00:00	♃	02°38'50" ♉	-11°45'19"	-01°18'52"	-00°02'15"	4.311

Ephemerides year 2045

17/10/2045 00:00:00	♃	08°44'36"	♏	-20°14'23"	01°32'05"	00°05'42"	10.699
17/10/2045 00:00:00	♃	00°29'40"	♏	11°58'08"	00°43'10"	00°02'34"	18.920
17/10/2045 00:00:00	♃	16°17'06"	♏	14°57'45"	-01°49'09"	-00°01'31"	28.887
17/10/2045 00:00:00	♃	01°59'37"	♏	-21°49'11"	-11°53'01"	-00°00'41"	39.833
17/10/2045 00:00:00	♃	20°32'37"	♏	-14°38'23"	00°00'00"	-00°01'07"	0.003
17/10/2045 00:00:00	♃	28°56'42"	♏	-02°47'54"	-03°30'27"	00°08'11"	9.418
17/10/2045 00:00:00	♃	26°36'16"	♏	-12°02'01"	00°38'59"	00°06'38"	0.003
17/10/2045 00:00:00	♃	20°32'37"	♏	-14°38'23"	00°00'00"	-00°01'07"	0.003
17/10/2045 00:00:00	♃	25°30'29"	♏	-12°35'58"	00°26'31"	-01°29'29"	0.003
17/10/2045 00:00:00	X	29°54'07"	♏	05°16'34"	-06°34'18"	-00°00'36"	92.458
17/10/2045 00:00:00	Y	15°27'25"	♏	11°22'54"	-11°19'19"	-00°00'22"	78.180
18/10/2045 00:00:00	♃	25°01'21"	♏	-09°41'04"	-00°00'00"	00°59'33"	0.996
18/10/2045 00:00:00	♃	27°20'40"	♏	-22°39'35"	-02°00'41"	11°56'52"	0.003
18/10/2045 00:00:00	♃	18°08'52"	♏	-19°32'57"	-02°24'48"	01°14'19"	1.134
18/10/2045 00:00:00	♃	11°48'10"	♏	-25°39'22"	-03°29'22"	01°01'12"	0.703
18/10/2045 00:00:00	♃	04°47'00"	♏	11°04'25"	01°24'59"	00°36'00"	2.091
18/10/2045 00:00:00	♃	02°36'41"	♏	-11°45'57"	-01°18'42"	-00°02'03"	4.323
18/10/2045 00:00:00	♃	08°50'20"	♏	-20°15'25"	01°31'55"	00°05'45"	10.710
18/10/2045 00:00:00	♃	00°32'13"	♏	11°57'16"	00°43'12"	00°02'31"	18.906

Ephemerides year 2045

18/10/2045 00:00:00	♁	16°15'34"	♄	14°57'17"	-01°49'11"	-00°01'32"	28.881
18/10/2045 00:00:00	♁	01°58'56"	♃	-21°49'16"	-11°52'49"	-00°00'40"	39.847
18/10/2045 00:00:00	♁	20°32'14"	♁	-14°38'30"	00°00'00"	00°00'13"	0.003
18/10/2045 00:00:00	♁	29°04'52"	♃	-02°51'04"	-03°30'21"	00°08'09"	9.411
18/10/2045 00:00:00	♁	26°42'55"	♁	-11°58'56"	00°39'51"	00°06'38"	0.003
18/10/2045 00:00:00	T♁	20°32'14"	♁	-14°38'30"	00°00'00"	00°00'13"	0.003
18/10/2045 00:00:00	T♁	24°20'07"	♁	-13°05'19"	00°20'18"	-00°53'34"	0.003
18/10/2045 00:00:00	X	29°53'31"	♃	05°16'24"	-06°34'16"	-00°00'36"	92.456
18/10/2045 00:00:00	Y	15°27'02"	♃	11°22'46"	-11°19'26"	-00°00'22"	78.166
19/10/2045 00:00:00	♁	26°00'55"	♁	-10°02'46"	-00°00'00"	00°59'34"	0.996
19/10/2045 00:00:00	♁	09°13'18"	♁	-18°54'43"	-01°00'09"	11°49'18"	0.003
19/10/2045 00:00:00	♁	19°22'25"	♃	-19°58'18"	-02°29'53"	01°12'46"	1.119
19/10/2045 00:00:00	♁	12°49'12"	♂	-25°50'26"	-03°32'17"	01°00'52"	0.695
19/10/2045 00:00:00	♁	05°22'59"	♃	10°51'38"	01°25'27"	00°35'57"	2.084
19/10/2045 00:00:00	♁	02°34'44"	♃	-11°46'30"	-01°18'32"	-00°01'51"	4.336
19/10/2045 00:00:00	♁	08°56'07"	♂	-20°16'27"	01°31'46"	00°05'48"	10.722
19/10/2045 00:00:00	♁	00°34'44"	♃	11°56'24"	00°43'14"	00°02'29"	18.892
19/10/2045 00:00:00	♁	16°14'01"	♄	14°56'49"	-01°49'12"	-00°01'33"	28.875
19/10/2045 00:00:00	♁	01°58'16"	♃	-21°49'19"	-11°52'37"	-00°00'39"	39.862

Ephemerides year 2045

19/10/2045 00:00:00	♁	20°32'44" ♁	-14°38'21"	00°00'00"	00°00'36"	0.003
19/10/2045 00:00:00	♋	29°13'00" ♎	-02°54'13"	-03°30'16"	00°08'07"	9.403
19/10/2045 00:00:00	♌	26°49'34" ♁	-11°55'51"	00°40'44"	00°06'38"	0.003
19/10/2045 00:00:00	♁	20°32'44" ♁	-14°38'21"	00°00'00"	00°00'36"	0.003
19/10/2045 00:00:00	♌	23°37'56" ♁	-13°22'51"	00°16'29"	-00°33'42"	0.003
19/10/2045 00:00:00	X	29°52'55" ♁	05°16'13"	-06°34'14"	-00°00'36"	92.455
19/10/2045 00:00:00	Y	15°26'39" ♁	11°22'37"	-11°19'32"	-00°00'23"	78.153
20/10/2045 00:00:00	♁	27°00'31" ♁	-10°24'19"	-00°00'00"	00°59'36"	0.996
20/10/2045 00:00:00	♁	21°01'06" ♁	-14°26'57"	00°02'29"	11°47'09"	0.003
20/10/2045 00:00:00	♌	20°34'21" ♎	-20°22'30"	-02°34'40"	01°11'04"	1.103
20/10/2045 00:00:00	♌	13°49'54" ♁	-26°00'55"	-03°35'06"	01°00'31"	0.688
20/10/2045 00:00:00	♌	05°58'55" ♎	10°38'49"	01°25'55"	00°35'53"	2.077
20/10/2045 00:00:00	♌	02°32'58" ♁	-11°46'59"	-01°18'23"	-00°01'39"	4.348
20/10/2045 00:00:00	♌	09°01'58" ♁	-20°17'29"	01°31'37"	00°05'51"	10.733
20/10/2045 00:00:00	♌	00°37'12" ♎	11°55'34"	00°43'16"	00°02'26"	18.877
20/10/2045 00:00:00	♌	16°12'27" ♁	14°56'21"	-01°49'13"	-00°01'34"	28.870
20/10/2045 00:00:00	♌	01°57'38" ♁	-21°49'22"	-11°52'25"	-00°00'37"	39.876
20/10/2045 00:00:00	♁	20°33'07" ♁	-14°38'14"	00°00'00"	-00°00'02"	0.003
20/10/2045 00:00:00	♋	29°21'06" ♎	-02°57'22"	-03°30'11"	00°08'04"	9.394

Ephemerides year 2045

20/10/2045 00:00:00	☾	26°56'12" ♊	-11°52'46"	00°41'36"	00°06'38"	0.003
20/10/2045 00:00:00	♁	20°33'07" ♊	-14°38'14"	00°00'00"	-00°00'02"	0.003
20/10/2045 00:00:00	♁	23°06'52" ♊	-13°35'42"	00°13'40"	-00°31'10"	0.003
20/10/2045 00:00:00	X	29°52'18" ♁	05°16'02"	-06°34'12"	-00°00'36"	92.454
20/10/2045 00:00:00	Y	15°26'16" ♁	11°22'29"	-11°19'38"	-00°00'24"	78.140
21/10/2045 00:00:00	☉	28°00'08" ♋	-10°45'43"	-00°00'00"	00°59'38"	0.996
21/10/2045 00:00:00	☾	02°49'19" ♋	-09°27'20"	01°04'58"	11°50'03"	0.003
21/10/2045 00:00:00	♀	21°44'32" ♋	-20°45'28"	-02°39'08"	01°09'14"	1.086
21/10/2045 00:00:00	♀	14°50'15" ♋	-26°10'48"	0-03°37'49"	01°00'09"	0.680
21/10/2045 00:00:00	♂	06°34'47" ♋	10°25'58"	01°26'23"	00°35'50"	2.070
21/10/2045 00:00:00	♃	02°31'25" ♋	-11°47'23"	-01°18'13"	-00°01'27"	4.361
21/10/2045 00:00:00	♃	09°07'51" ♋	-20°18'31"	01°31'28"	00°05'54"	10.744
21/10/2045 00:00:00	♃	00°39'38" ♋	11°54'44"	00°43'18"	00°02'24"	18.863
21/10/2045 00:00:00	♃	16°10'52" ♋	14°55'53"	-01°49'14"	-00°01'35"	28.865
21/10/2045 00:00:00	♃	01°57'00" ♋	-21°49'25"	-11°52'13"	-00°00'36"	39.891
21/10/2045 00:00:00	♁	20°32'20" ♋	-14°38'29"	00°00'00"	-00°01'40"	0.003
21/10/2045 00:00:00	♃	29°29'09" ♋	-03°00'30"	-03°30'07"	00°08'02"	9.386
21/10/2045 00:00:00	☾	27°02'51" ♋	-11°49'41"	00°42'29"	00°06'38"	0.003
21/10/2045 00:00:00	♁	20°32'20" ♋	-14°38'29"	00°00'00"	-00°01'40"	0.003

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21/10/2045 00:00:00	T♄	22°30'51" ♊	-13°50'26"	00°10'31"	-00°42'40"	0.003
21/10/2045 00:00:00	X	29°51'42" ♏	05°15'51"	-06°34'10"	-00°00'36"	92.453
21/10/2045 00:00:00	Y	15°25'51" ♏	11°22'20"	-11°19'44"	-00°00'24"	78.127
22/10/2045 00:00:00	☉	28°59'48" ♋	-11°06'57"	00°00'00"	00°59'40"	0.995
22/10/2045 00:00:00	☾	14°42'41" ♋	-04°05'52"	02°04'56"	11°57'20"	0.003
22/10/2045 00:00:00	♀	22°52'47" ♎	-21°07'11"	-02°43'14"	01°07'14"	1.069
22/10/2045 00:00:00	♀	15°50'13" ♏	-26°20'07"	o-03°40'25"	00°59'47"	0.672
22/10/2045 00:00:00	♂	07°10'35" ♎	10°13'06"	01°26'51"	00°35'46"	2.063
22/10/2045 00:00:00	♃	02°30'04" ♋	-11°47'43"	-01°18'03"	-00°01'15"	4.374
22/10/2045 00:00:00	♅	09°13'48" ♏	-20°19'33"	01°31'20"	00°05'57"	10.755
22/10/2045 00:00:00	♁	00°42'01" ♎	11°53'55"	00°43'20"	00°02'21"	18.848
22/10/2045 00:00:00	♃	16°09'16" ♏	14°55'25"	-01°49'16"	-00°01'35"	28.860
22/10/2045 00:00:00	♁	01°56'25" ♋	-21°49'26"	-11°52'00"	-00°00'35"	39.906
22/10/2045 00:00:00	♁	20°29'31" ♊	-14°39'22"	00°00'00"	-00°04'02"	0.003
22/10/2045 00:00:00	♁	29°37'11" ♎	-03°03'38"	-03°30'03"	00°08'00"	9.377
22/10/2045 00:00:00	♁	27°09'30" ♊	-11°46'35"	00°43'22"	00°06'38"	0.003
22/10/2045 00:00:00	T♁	20°29'31" ♊	-14°39'22"	00°00'00"	-00°04'02"	0.003
22/10/2045 00:00:00	T♄	21°39'30" ♊	-14°11'08"	00°06'12"	-01°00'02"	0.003
22/10/2045 00:00:00	X	29°51'05" ♏	05°15'41"	-06°34'08"	-00°00'36"	92.452

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22/10/2045 00:00:00	Y	15°25'26" ♀	11°22'12"	-11°19'50"	-00°00'25"	78.115
23/10/2045 00:00:00	☉	29°59'28" ♄	-11°28'01"	00°00'00"	00°59'41"	0.995
23/10/2045 00:00:00	☾	26°45'11" ♃	01°27'42"	02°59'56"	12°08'10"	0.003
23/10/2045 00:00:00	♀	23°58'56" ♃	-21°27'34"	-02°46'56"	01°05'02"	1.052
23/10/2045 00:00:00	♀	16°49'49" ♂	-26°28'50"	o-03°42'55"	00°59'24"	0.665
23/10/2045 00:00:00	♂	07°46'20" ♃	10°00'11"	01°27'19"	00°35'43"	2.056
23/10/2045 00:00:00	♃	02°28'54" ♃	-11°47'59"	-01°17'52"	-00°01'03"	4.387
23/10/2045 00:00:00	♃	09°19'47" ♂	-20°20'36"	01°31'11"	00°06'00"	10.765
23/10/2045 00:00:00	♃	00°44'22" ♃	11°53'08"	00°43'23"	00°02'19"	18.834
23/10/2045 00:00:00	♃	16°07'40" ♂	14°54'57"	-01°49'17"	-00°01'36"	28.855
23/10/2045 00:00:00	♃	01°55'50" ♃	-21°49'27"	-11°51'48"	-00°00'33"	39.921
23/10/2045 00:00:00	♃	20°24'07" ♃	-14°41'05"	00°00'00"	-00°06'46"	0.003
23/10/2045 00:00:00	♃	29°45'10" ♃	-03°06'44"	-03°29'59"	00°07'57"	9.368
23/10/2045 00:00:00	♃	27°16'08" ♃	-11°43'30"	00°44'14"	00°06'38"	0.003
23/10/2045 00:00:00	T♃	20°24'07" ♃	-14°41'05"	00°00'00"	-00°06'46"	0.003
23/10/2045 00:00:00	T♃	20°33'17" ♃	-14°37'24"	00°00'48"	-01°09'46"	0.003
23/10/2045 00:00:00	X	29°50'29" ♃	05°15'30"	-06°34'06"	-00°00'36"	92.452
23/10/2045 00:00:00	Y	15°25'00" ♀	11°22'03"	-11°19'56"	-00°00'25"	78.102
24/10/2045 00:00:00	☉	00°59'11" ♃	-11°48'54"	00°00'00"	00°59'43"	0.995

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24/10/2045 00:00:00	♃	08°59'51" ♀	07°02'59"	03°47'28"	12°21'28"	0.003
24/10/2045 00:00:00	♆	25°02'47" ♀	-21°46'35"	-02°50'13"	01°02'37"	1.034
24/10/2045 00:00:00	♁	17°49'02" ♂	-26°36'57"	♁-03°45'17"	00°59'00"	0.657
24/10/2045 00:00:00	♁	08°22'02" ♀	09°47'15"	01°27'47"	00°35'39"	2.049
24/10/2045 00:00:00	♃	02°27'57" ♀	-11°48'10"	-01°17'42"	-00°00'51"	4.401
24/10/2045 00:00:00	♃	09°25'49" ♂	-20°21'38"	01°31'02"	00°06'03"	10.776
24/10/2045 00:00:00	♁	00°46'40" ♀	11°52'21"	00°43'25"	00°02'16"	18.819
24/10/2045 00:00:00	♃	16°06'04" ♂	14°54'28"	-01°49'18"	-00°01'37"	28.851
24/10/2045 00:00:00	♃	01°55'17" ♀	-21°49'28"	-11°51'35"	-00°00'32"	39.936
24/10/2045 00:00:00	♁	20°16'00" ♀	-14°43'39"	00°00'00"	-00°09'24"	0.003
24/10/2045 00:00:00	♁	29°53'06" ♀	-03°09'50"	-03°29'55"	00°07'55"	9.359
24/10/2045 00:00:00	♁	27°22'47" ♀	-11°40'24"	00°45'07"	00°06'38"	0.003
24/10/2045 00:00:00	♁	20°16'00" ♀	-14°43'39"	00°00'00"	-00°09'24"	0.003
24/10/2045 00:00:00	♁	19°27'47" ♀	-15°02'51"	-00°04'15"	-00°56'07"	0.003
24/10/2045 00:00:00	♁	29°49'52" ♀	05°15'19"	-06°34'04"	-00°00'36"	92.452
24/10/2045 00:00:00	♁	15°24'34" ♀	11°21'55"	-11°20'02"	-00°00'26"	78.090
25/10/2045 00:00:00	♁	01°58'56" ♀	-12°09'37"	00°00'00"	00°59'45"	0.994
25/10/2045 00:00:00	♃	21°28'35" ♀	12°27'51"	04°24'58"	12°36'06"	0.003
25/10/2045 00:00:00	♆	26°04'06" ♀	-22°04'09"	-02°53'02"	00°59'56"	1.016

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25/10/2045 00:00:00	♀	18°47'50" ♄	-26°44'29"	♁-03°47'32"	00°58'35"	0.649
25/10/2045 00:00:00	♂	08°57'40" ♃	09°34'18"	01°28'15"	00°35'36"	2.042
25/10/2045 00:00:00	♃	02°27'12" ♃	-11°48'16"	-01°17'32"	-00°00'38"	4.414
25/10/2045 00:00:00	♃	09°31'54" ♄	-20°22'41"	01°30'54"	00°06'06"	10.786
25/10/2045 00:00:00	♃	00°48'55" ♃	11°51'35"	00°43'27"	00°02'14"	18.803
25/10/2045 00:00:00	♃	16°04'26" ♃	14°54'00"	-01°49'18"	-00°01'37"	28.847
25/10/2045 00:00:00	♃	01°54'45" ♃	-21°49'28"	-11°51'22"	-00°00'31"	39.951
25/10/2045 00:00:00	♃	20°05'29" ♃	-14°46'58"	00°00'00"	-00°11'30"	0.003
25/10/2045 00:00:00	♃	00°01'01" ♃	-03°12'56"	-03°29'51"	00°07'52"	9.350
25/10/2045 00:00:00	♃	27°29'26" ♃	-11°37'18"	00°45'59"	00°06'38"	0.003
25/10/2045 00:00:00	T♃	20°05'29" ♃	-14°46'58"	00°00'00"	-00°11'30"	0.003
25/10/2045 00:00:00	T♃	18°52'31" ♃	-15°15'55"	-00°06'25"	-00°08'28"	0.003
25/10/2045 00:00:00	X	29°49'16" ♃	05°15'09"	-06°34'02"	-00°00'36"	92.453
25/10/2045 00:00:00	Y	15°24'07" ♃	11°21'47"	-11°20'08"	-00°00'27"	78.078
26/10/2045 00:00:00	♁	02°58'42" ♃	-12°30'09"	00°00'00"	00°59'47"	0.994
26/10/2045 00:00:00	♁	04°12'08" ♃	17°27'47"	04°50'04"	12°50'55"	0.003
26/10/2045 00:00:00	♃	27°02'36" ♃	-22°20'13"	-02°55'19"	00°56'59"	0.998
26/10/2045 00:00:00	♀	19°46'12" ♄	-26°51'26"	♁-03°49'40"	00°58'09"	0.642
26/10/2045 00:00:00	♂	09°33'15" ♃	09°21'19"	01°28'43"	00°35'32"	2.034

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26/10/2045 00:00:00	♃	02°26'39" ♋	-11°48'18"	-01°17'21"	-00°00'26"	4.428
26/10/2045 00:00:00	♅	09°38'02" ♌	-20°23'44"	01°30'46"	00°06'09"	10.796
26/10/2045 00:00:00	♆	00°51'08" ♍	11°50'50"	00°43'29"	00°02'11"	18.788
26/10/2045 00:00:00	♇	16°02'48" ♎	14°53'31"	-01°49'19"	-00°01'38"	28.843
26/10/2045 00:00:00	♁	01°54'15" ♏	-21°49'27"	-11°51'09"	-00°00'29"	39.967
26/10/2045 00:00:00	♂	19°53'17" ♐	-14°50'49"	00°00'00"	-00°12'41"	0.003
26/10/2045 00:00:00	♆	00°08'52" ♑	-03°16'00"	-03°29'48"	00°07'50"	9.341
26/10/2045 00:00:00	♁	27°36'04" ♒	-11°34'13"	00°46'51"	00°06'38"	0.003
26/10/2045 00:00:00	♁♂	19°53'17" ♐♂	-14°50'49"	00°00'00"	-00°12'41"	0.003
26/10/2045 00:00:00	♁♆	19°21'39" ♐♆	-15°03'22"	-00°02'46"	01°11'09"	0.003
26/10/2045 00:00:00	X	29°48'39" ♏	05°14'59"	-06°33'59"	-00°00'36"	92.454
26/10/2045 00:00:00	Y	15°23'40" ♏	11°21'38"	-11°20'13"	-00°00'27"	78.066
27/10/2045 00:00:00	♁	03°58'31" ♏	-12°50'29"	00°00'00"	00°59'49"	0.994
27/10/2045 00:00:00	♂	17°10'11" ♏	21°45'37"	05°00'46"	13°04'57"	0.003
27/10/2045 00:00:00	♆	27°57'59" ♏	-22°34'40"	-02°57'02"	00°53'43"	0.979
27/10/2045 00:00:00	♁	20°44'09" ♏	-26°57'47"	♁-03°51'40"	00°57'42"	0.634
27/10/2045 00:00:00	♁	10°08'46" ♏	09°08'19"	01°29'10"	00°35'29"	2.027
27/10/2045 00:00:00	♃	02°26'19" ♋	-11°48'16"	-01°17'11"	-00°00'14"	4.441
27/10/2045 00:00:00	♅	09°44'13" ♌	-20°24'46"	01°30'37"	00°06'12"	10.806

Ephemerides year 2045

27/10/2045 00:00:00	♃	00°53'18" ♃	11°50'06"	00°43'32"	00°02'08"	18.773
27/10/2045 00:00:00	♃	16°01'10" ♃	14°53'02"	-01°49'20"	-00°01'38"	28.839
27/10/2045 00:00:00	♃	01°53'46" ♃	-21°49'25"	-11°50'56"	-00°00'28"	39.982
27/10/2045 00:00:00	♃	19°40'30" ♃	-14°54'50"	00°00'00"	-00°12'40"	0.003
27/10/2045 00:00:00	♃	00°16'41" ♃	-03°19'04"	-03°29'45"	00°07'47"	9.331
27/10/2045 00:00:00	♃	27°42'43" ♃	-11°31'07"	00°47'44"	00°06'38"	0.003
27/10/2045 00:00:00	♃	19°40'30" ♃	-14°54'50"	00°00'00"	-00°12'40"	0.003
27/10/2045 00:00:00	♃	21°20'42" ♃	-14°14'43"	00°08'47"	02°48'11"	0.003
27/10/2045 00:00:00	X	29°48'03" ♃	05°14'48"	-06°33'57"	-00°00'36"	92.455
27/10/2045 00:00:00	Y	15°23'12" ♃	11°21'30"	-11°20'19"	-00°00'28"	78.055
28/10/2045 00:00:00	♃	04°58'22" ♃	-13°10'37"	00°00'00"	00°59'51"	0.994
28/10/2045 00:00:00	♃	00°21'35" ♃	25°02'18" ♃	04°55'44"	13°17'33"	0.003
28/10/2045 00:00:00	♃	28°49'56" ♃	-22°47'27"	-02°58'07"	00°50'05"	0.960
28/10/2045 00:00:00	♃	21°41'38" ♃	-27°03'33" ♃	-03°53'31"	00°57'15"	0.626
28/10/2045 00:00:00	♃	10°44'14" ♃	08°55'18"	01°29'38"	00°35'25"	2.019
28/10/2045 00:00:00	♃	02°26'10" ♃	-11°48'09"	-01°17'00"	-00°00'02"	4.455
28/10/2045 00:00:00	♃	09°50'26" ♃	-20°25'49"	01°30'29"	00°06'14"	10.815
28/10/2045 00:00:00	♃	00°55'26" ♃	11°49'23"	00°43'34"	00°02'06"	18.757
28/10/2045 00:00:00	♃	15°59'31" ♃	14°52'33"	-01°49'21"	-00°01'38"	28.836

Ephemerides year 2045

28/10/2045 00:00:00	♁	01°53'18" ♃	-21°49'23"	-11°50'42"	-00°00'26"	39.998
28/10/2045 00:00:00	♁	19°28'20" ♃	-14°58'39"	00°00'00"	-00°11'27"	0.003
28/10/2045 00:00:00	♁	00°24'28" ♃	-03°22'07"	-03°29'43"	00°07'45"	9.321
28/10/2045 00:00:00	♁	27°49'22" ♃	-11°28'00"	00°48'36"	00°06'38"	0.003
28/10/2045 00:00:00	♁	19°28'20" ♃	-14°58'39"	00°00'00"	-00°11'27"	0.003
28/10/2045 00:00:00	♁	24°56'53" ♃	-12°45'03"	00°28'48"	04°21'44"	0.003
28/10/2045 00:00:00	X	29°47'26" ♃	05°14'38"	-06°33'54"	-00°00'36"	92.456
28/10/2045 00:00:00	Y	15°22'44" ♃	11°21'22"	-11°20'24"	-00°00'28"	78.043
29/10/2045 00:00:00	♁	05°58'14" ♃	-13°30'33"	00°00'00"	00°59'53"	0.993
29/10/2045 00:00:00	♁	13°44'44" ♃	26°59'12" ○	04°34'30"	13°28'27"	0.003
29/10/2045 00:00:00	♁	29°38'03" ♃	-22°58'27"	-02°58'31"	00°46'03"	0.940
29/10/2045 00:00:00	♁	22°38'39" ♃	-27°08'44"	0-03°55'15"	00°56'46"	0.619
29/10/2045 00:00:00	♁	11°19'38" ♃	08°42'15"	01°30'06"	00°35'22"	2.012
29/10/2045 00:00:00	♁	02°26'14" ♃	-11°47'58"	-01°16'49"	00°00'09"	4.469
29/10/2045 00:00:00	♁	09°56'42" ♃	-20°26'52"	01°30'21"	00°06'17"	10.824
29/10/2045 00:00:00	♁	00°57'31" ♃	11°48'40"	00°43'36"	00°02'03"	18.742
29/10/2045 00:00:00	♁	15°57'52" ♃	14°52'04"	-01°49'21"	-00°01'39"	28.833
29/10/2045 00:00:00	♁	01°52'52" ♃	-21°49'20"	-11°50'29"	-00°00'25"	40.014
29/10/2045 00:00:00	♁	19°17'55" ♃	-15°01'54"	00°00'00"	-00°09'14"	0.003

Ephemerides year 2045

29/10/2045 00:00:00	♁	00°32'12" ♁	-03°25'10"	-03°29'40"	00°07'42"	9.311
29/10/2045 00:00:00	♁	27°56'01" ♁	-11°24'54"	00°49'29"	00°06'38"	0.003
29/10/2045 00:00:00	♁	19°17'55" ♁	-15°01'54"	00°00'00"	-00°09'14"	0.003
29/10/2045 00:00:00	♁	29°55'40" ♁	-10°37'31"	00°55'44"	05°29'45"	0.003
29/10/2045 00:00:00	X	29°46'50" ♁	05°14'28"	-06°33'52"	-00°00'36"	92.458
29/10/2045 00:00:00	Y	15°22'15" ♁	11°21'14"	-11°20'29"	-00°00'29"	78.032
30/10/2045 00:00:00	♁	06°58'09" ♁	-13°50'16"	00°00'00"	00°59'55"	0.993
30/10/2045 00:00:00	♁	27°18'00" ♁	27°22'03" ♁	03°57'38"	13°37'50"	0.003
30/10/2045 00:00:00	♁	00°21'54" ♁	-23°07'33"	-02°58'09"	00°41'35"	0.920
30/10/2045 00:00:00	♁	23°35'11" ♁	-27°13'20" ♁	-03°56'49"	00°56'17"	0.611
30/10/2045 00:00:00	♁	11°54'58" ♁	08°29'12"	01°30'34"	00°35'18"	2.004
30/10/2045 00:00:00	♁	02°26'30" ♁	-11°47'42"	-01°16'39"	00°00'22"	4.483
30/10/2045 00:00:00	♁	10°03'01" ♁	-20°27'54"	01°30'14"	00°06'19"	10.834
30/10/2045 00:00:00	♁	00°59'33" ♁	11°47'59"	00°43'39"	00°02'00"	18.726
30/10/2045 00:00:00	♁	15°56'13" ♁	14°51'35"	-01°49'22"	-00°01'39"	28.831
30/10/2045 00:00:00	♁	01°52'28" ♁	-21°49'16"	-11°50'15"	-00°00'23"	40.030
30/10/2045 00:00:00	♁	19°10'04" ♁	-15°04'21"	00°00'00"	-00°06'24"	0.003
30/10/2045 00:00:00	♁	00°39'53" ♁	-03°28'11"	-03°29'38"	00°07'39"	9.301
30/10/2045 00:00:00	♁	28°02'40" ♁	-11°21'48"	00°50'21"	00°06'38"	0.003

Ephemerides year 2045

30/10/2045 00:00:00	T♁	19°10'04" ♊	-15°04'21"	00°00'00"	-00°06'24"	0.003
30/10/2045 00:00:00	T♄	05°41'07" ♉	-08°05'28"	01°26'01"	05°52'07"	0.003
30/10/2045 00:00:00	X	29°46'14" ♈	05°14'18"	-06°33'49"	-00°00'36"	92.460
30/10/2045 00:00:00	Y	15°21'46" ♈	11°21'06"	-11°20'34"	-00°00'29"	78.021
31/10/2045 00:00:00	☉	07°58'06" ♎	-14°09'47"	00°00'00"	00°59'58"	0.993
31/10/2045 00:00:00	☾	11°00'03" ♎	26°04'51" ♎	03°06'44"	13°46'08"	0.003
31/10/2045 00:00:00	♁	01°01'03" ♈	-23°14'39"	-02°56'57"	00°36'36"	0.900
31/10/2045 00:00:00	♂	24°31'13" ♈	-27°17'21" ♎	03°58'15"	00°55'46"	0.603
31/10/2045 00:00:00	♂	12°30'15" ♎	08°16'07"	01°31'02"	00°35'15"	1.997
31/10/2045 00:00:00	♃	02°26'58" ♉	-11°47'22"	-01°16'28"	00°00'34"	4.497
31/10/2045 00:00:00	♂	10°09'22" ♈	-20°28'57"	01°30'06"	00°06'22"	10.843
31/10/2045 00:00:00	♃	01°01'32" ♎	11°47'19"	00°43'41"	00°01'57"	18.710
31/10/2045 00:00:00	♃	15°54'33" ♈	14°51'06"	-01°49'22"	-00°01'40"	28.828
31/10/2045 00:00:00	♃	01°52'05" ♈	-21°49'12"	-11°50'01"	-00°00'22"	40.046
31/10/2045 00:00:00	♁	19°05'06" ♊	-15°05'54"	00°00'00"	-00°03'33"	0.003
31/10/2045 00:00:00	♃	00°47'31" ♎	-03°31'11"	-03°29'36"	00°07'36"	9.290
31/10/2045 00:00:00	♁	28°09'19" ♊	-11°18'41"	00°51'13"	00°06'38"	0.003
31/10/2045 00:00:00	T♁	19°05'06" ♊	-15°05'54"	00°00'00"	-00°03'33"	0.003
31/10/2045 00:00:00	T♄	11°20'20" ♉	-05°32'30"	01°54'43"	05°16'21"	0.003

Ephemerides year 2045

31/10/2045 00:00:00	X	29°45'38" ♄	05°14'08"	-06°33'47"	-00°00'35"	92.462
31/10/2045 00:00:00	Y	15°21'16" ♀	11°20'58"	-11°20'39"	-00°00'30"	78.011
01/11/2045 00:00:00		♁ 08°58'05" ♃	-14°29'04"	00°00'00"	01°00'00"	0.993
01/11/2045 00:00:00		♃ 24°50'06" ♁	23°11'45"	02°04'21"	13°53'53"	0.002
01/11/2045 00:00:00		♁ 01°34'57" ♃	-23°19'37"	-02°54'50"	00°31'05"	0.880
01/11/2045 00:00:00		♂ 25°26'44" ♃	-27°20'47"	♁-03°59'31"	00°55'14"	0.596
01/11/2045 00:00:00		♂ 13°05'28" ♃	08°03'02"	01°31'29"	00°35'11"	1.989
01/11/2045 00:00:00		♃ 02°27'38" ♃	-11°46'57"	-01°16'17"	00°00'46"	4.512
01/11/2045 00:00:00		♃ 10°15'46" ♃	-20°30'00"	01°29'58"	00°06'24"	10.851
01/11/2045 00:00:00		♃ 01°03'29" ♃	11°46'40"	00°43'43"	00°01'55"	18.694
01/11/2045 00:00:00		♁ 15°52'52" ♁	14°50'37"	-01°49'23"	-00°01'40"	28.827
01/11/2045 00:00:00		♁ 01°51'43" ♃	-21°49'07"	-11°49'47"	-00°00'20"	40.062
01/11/2045 00:00:00		♁ 19°02'45" ♃	-15°06'37"	00°00'00"	-00°01'16"	0.003
01/11/2045 00:00:00		♁ 00°55'06" ♃	-03°34'11"	-03°29'34"	00°07'33"	9.280
01/11/2045 00:00:00		♁ 28°15'57" ♃	-11°15'35"	00°52'06"	00°06'38"	0.003
01/11/2045 00:00:00	T♁	19°02'45" ♃	-15°06'37"	00°00'00"	-00°01'16"	0.003
01/11/2045 00:00:00	T♁	15°56'07" ♃	-03°26'19"	02°17'07"	03°48'19"	0.003
01/11/2045 00:00:00	X	29°45'02" ♄	05°13'58"	-06°33'44"	-00°00'35"	92.464
01/11/2045 00:00:00	Y	15°20'46" ♀	11°20'50"	-11°20'44"	-00°00'30"	78.000

Ephemerides year 2045

02/11/2045 00:00:00	☉	09°58'07" ♍	-14°48'06"	-00°00'00"	01°00'02"	0.992
02/11/2045 00:00:00	☾	08°47'45" ♏	18°55'30"	00°53'57"	14°01'23"	0.002
02/11/2045 00:00:00	♀	02°03'02" ♏	-23°22'17"	-02°51'41"	00°24'59"	0.860
02/11/2045 00:00:00	♀	26°21'42" ♏	-27°23'39"	0-04°00'38"	00°54'41"	0.588
02/11/2045 00:00:00	♂	13°40'38" ♍	07°49'56"	01°31'57"	00°35'07"	1.982
02/11/2045 00:00:00	♃	02°28'31" ♏	-11°46'28"	-01°16'06"	00°00'58"	4.526
02/11/2045 00:00:00	♄	10°22'12" ♏	-20°31'02"	01°29'51"	00°06'27"	10.860
02/11/2045 00:00:00	♅	01°05'22" ♍	11°46'02"	00°43'46"	00°01'52"	18.678
02/11/2045 00:00:00	♆	15°51'12" ♏	14°50'08"	-01°49'23"	-00°01'40"	28.825
02/11/2045 00:00:00	♇	01°51'23" ♏	-21°49'02"	-11°49'33"	-00°00'19"	40.079
02/11/2045 00:00:00	♈	19°02'12" ♏	-15°06'48"	00°00'00"	-00°00'02"	0.003
02/11/2045 00:00:00	♉	01°02'38" ♏	-03°37'10"	-03°29'33"	00°07'30"	9.269
02/11/2045 00:00:00	♊	28°22'36" ♏	-11°12'28"	00°52'58"	00°06'38"	0.003
02/11/2045 00:00:00	T♈	19°02'12" ♏	-15°06'48"	00°00'00"	-00°00'02"	0.003
02/11/2045 00:00:00	T♉	18°49'40" ♏	-02°06'27"	02°30'42"	01°58'52"	0.003
02/11/2045 00:00:00	X	29°44'26" ♏	05°13'49"	-06°33'41"	-00°00'35"	92.467
02/11/2045 00:00:00	Y	15°20'15" ♏	11°20'42"	-11°20'49"	-00°00'31"	77.990
03/11/2045 00:00:00	☉	10°58'10" ♍	-15°06'55"	-00°00'00"	01°00'04"	0.992
03/11/2045 00:00:00	☾	22°52'46" ♏	13°34'01"	-00°20'19"	14°08'33"	0.002

Ephemerides year 2045

03/11/2045 00:00:00	♀	02°24'43" ♄	-23°22'29"	-02°47'26"	00°18'15"	0.840
03/11/2045 00:00:00	♀	27°16'06" ♄	-27°25'57" ♁	-04°01'35"	00°54'07"	0.581
03/11/2045 00:00:00	♂	14°15'43" ♃	07°36'50"	01°32'25"	00°35'03"	1.974
03/11/2045 00:00:00	♃	02°29'35" ♃	-11°45'55"	-01°15'55"	00°01'10"	4.541
03/11/2045 00:00:00	♃	10°28'40" ♄	-20°32'05"	01°29'43"	00°06'29"	10.868
03/11/2045 00:00:00	♃	01°07'13" ♃	11°45'25"	00°43'48"	00°01'49"	18.662
03/11/2045 00:00:00	♃	15°49'31" ♃	14°49'39"	-01°49'23"	-00°01'41"	28.824
03/11/2045 00:00:00	♃	01°51'04" ♃	-21°48'56"	-11°49'19"	-00°00'18"	40.095
03/11/2045 00:00:00	♃	19°02'12" ♃	-15°06'48"	00°00'00"	-00°00'10"	0.003
03/11/2045 00:00:00	♃	01°10'07" ♃	-03°40'07"	-03°29'32"	00°07'27"	9.258
03/11/2045 00:00:00	♃	28°29'15" ♃	-11°09'21"	00°53'50"	00°06'38"	0.003
03/11/2045 00:00:00	♃	19°02'12" ♃	-15°06'48"	00°00'00"	-00°00'10"	0.003
03/11/2045 00:00:00	♃	20°01'32" ♃	-01°33'23"	02°36'06"	00°31'45"	0.003
03/11/2045 00:00:00	X	29°43'50" ♃	05°13'39"	-06°33'38"	-00°00'35"	92.470
03/11/2045 00:00:00	Y	15°19'43" ♃	11°20'34"	-11°20'54"	-00°00'31"	77.980
04/11/2045 00:00:00	♃	11°58'16" ♃	-15°25'29"	-00°00'00"	01°00'06"	0.992
04/11/2045 00:00:00	♃	07°04'33" ♃	07°27'28"	-01°33'53"	14°14'46"	0.002
04/11/2045 00:00:00	♀	02°39'21" ♄	-23°20'03"	-02°41'58"	00°10'53"	0.821
04/11/2045 00:00:00	♀	28°09'56" ♄	-27°27'41" ♁	-04°02'21"	00°53'31"	0.573

Ephemerides year 2045

04/11/2045 00:00:00	♂	14°50'44" ♉	07°23'44"	01°32'53"	00°34'59"	1.966
04/11/2045 00:00:00	♃	02°30'52" ♉	-11°45'17"	-01°15'44"	00°01'22"	4.555
04/11/2045 00:00:00	♅	10°35'10" ♉	-20°33'07"	01°29'36"	00°06'31"	10.876
04/11/2045 00:00:00	♁	01°09'01" ♉	11°44'49"	00°43'51"	00°01'46"	18.646
04/11/2045 00:00:00	♃	15°47'50" ♉	14°49'09"	-01°49'24"	-00°01'41"	28.822
04/11/2045 00:00:00	♁	01°50'47" ♉	-21°48'49"	-11°49'05"	-00°00'16"	40.112
04/11/2045 00:00:00	♁	19°01'24" ♉	-15°07'03"	00°00'00"	-00°01'38"	0.003
04/11/2045 00:00:00	♃	01°17'33" ♉	-03°43'04"	-03°29'31"	00°07'24"	9.246
04/11/2045 00:00:00	♁	28°35'54" ♉	-11°06'14"	00°54'43"	00°06'38"	0.003
04/11/2045 00:00:00	♁	19°01'24" ♉	-15°07'03"	00°00'00"	-00°01'38"	0.003
04/11/2045 00:00:00	♁	20°09'36" ♉	-01°29'47"	02°36'36"	-00°07'28"	0.003
04/11/2045 00:00:00	X	29°43'15" ♉	05°13'30"	-06°33'35"	-00°00'35"	92.474
04/11/2045 00:00:00	Y	15°19'11" ♉	11°20'27"	-11°20'58"	-00°00'32"	77.971
05/11/2045 00:00:00	♁	12°58'23" ♉	-15°43'48"	-00°00'00"	01°00'08"	0.992
05/11/2045 00:00:00	♁	21°21'38" ♉	00°56'38"	-02°41'55"	14°18'55"	0.002
05/11/2045 00:00:00	♃	02°46'16" ♉	-23°14'46"	-02°35'11"	00°02'51"	0.801
05/11/2045 00:00:00	♀	29°03'10" ♉	-27°28'52"	0-04°02'57"	00°52'55"	0.566
05/11/2045 00:00:00	♂	15°25'42" ♉	07°10'37"	01°33'21"	00°34'55"	1.958
05/11/2045 00:00:00	♃	02°32'20" ♉	-11°44'34"	-01°15'33"	00°01'34"	4.570

Ephemerides year 2045

05/11/2045 00:00:00	♃	10°41'43" ♄	-20°34'09"	01°29'29"	00°06'33"	10.884
05/11/2045 00:00:00	♅	01°10'45" ♃	11°44'14"	00°43'53"	00°01'43"	18.629
05/11/2045 00:00:00	♆	15°46'09" ♃	14°48'40"	-01°49'24"	-00°01'41"	28.822
05/11/2045 00:00:00	♁	01°50'31" ♃	-21°48'41"	-11°48'51"	-00°00'15"	40.129
05/11/2045 00:00:00	♄	18°58'35" ♃	-15°07'55"	00°00'00"	-00°04'08"	0.003
05/11/2045 00:00:00	♂	01°24'56" ♃	-03°45'59"	-03°29'31"	00°07'20"	9.235
05/11/2045 00:00:00	♁	28°42'33" ♃	-11°03'07"	00°55'35"	00°06'38"	0.003
05/11/2045 00:00:00	♄	18°58'35" ♃	-15°07'55"	00°00'00"	-00°04'08"	0.003
05/11/2045 00:00:00	♁	19°59'11" ♃	-01°34'37"	02°35'45"	-00°09'27"	0.003
05/11/2045 00:00:00	X	29°42'39" ♃	05°13'20"	-06°33'32"	-00°00'35"	92.477
05/11/2045 00:00:00	Y	15°18'39" ♃	11°20'19"	-11°21'02"	-00°00'32"	77.961
06/11/2045 00:00:00	♁	13°58'33" ♃	-16°01'51"	-00°00'00"	01°00'10"	0.991
06/11/2045 00:00:00	♂	05°41'14" ♃	-05°37'19"	-03°39'50"	14°19'36"	0.002
06/11/2045 00:00:00	♁	02°44'51" ♃	-23°06'27"	-02°26'58"	-00°05'47"	0.782
06/11/2045 00:00:00	♁	29°55'46" ♃	-27°29'29"	-04°03'22"	00°52'16"	0.558
06/11/2045 00:00:00	♂	16°00'35" ♃	06°57'30"	01°33'49"	00°34'51"	1.950
06/11/2045 00:00:00	♁	02°34'01" ♃	-11°43'48"	-01°15'22"	00°01'46"	4.585
06/11/2045 00:00:00	♃	10°48'17" ♃	-20°35'12"	01°29'22"	00°06'35"	10.891
06/11/2045 00:00:00	♅	01°12'27" ♃	11°43'40"	00°43'56"	00°01'40"	18.613

Ephemerides year 2045

06/11/2045 00:00:00	♁	15°44'27"	♄	14°48'11"	-01°49'24"	-00°01'41"	28.821
06/11/2045 00:00:00	♁	01°50'16"	♄	-21°48'33"	-11°48'36"	-00°00'13"	40.145
06/11/2045 00:00:00	♁	18°52'56"	♄	-15°09'40"	00°00'00"	-00°07'09"	0.003
06/11/2045 00:00:00	♁	01°32'15"	♄	-03°48'53"	-03°29'30"	00°07'17"	9.223
06/11/2045 00:00:00	♁	28°49'11"	♄	-11°00'00"	00°56'27"	00°06'38"	0.003
06/11/2045 00:00:00	T♁	18°52'56"	♄	-15°09'40"	00°00'00"	-00°07'09"	0.003
06/11/2045 00:00:00	T♁	19°53'15"	♄	-01°37'15"	02°35'26"	-00°03'27"	0.003
06/11/2045 00:00:00	X	29°42'03"	♄	05°13'11"	-06°33'29"	-00°00'35"	92.481
06/11/2045 00:00:00	Y	15°18'06"	♄	11°20'11"	-11°21'07"	-00°00'33"	77.952
07/11/2045 00:00:00	♁	14°58'45"	♄	-16°19'38"	-00°00'00"	01°00'12"	0.991
07/11/2045 00:00:00	♁	19°59'15"	♄	-11°52'48"	-04°23'44"	14°15'32"	0.002
07/11/2045 00:00:00	♁	02°34'30"	♄	-22°54'51"	-02°17'15"	-00°15'00"	0.764
07/11/2045 00:00:00	♁	00°47'43"	♄	-27°29'34"	-04°03'36"	00°51'36"	0.551
07/11/2045 00:00:00	♁	16°35'24"	♄	06°44'23"	01°34'16"	00°34'46"	1.942
07/11/2045 00:00:00	♁	02°35'54"	♄	-11°42'57"	-01°15'11"	00°01'58"	4.600
07/11/2045 00:00:00	♁	10°54'54"	♄	-20°36'14"	01°29'15"	00°06'37"	10.899
07/11/2045 00:00:00	♁	01°14'06"	♄	11°43'07"	00°43'58"	00°01'37"	18.596
07/11/2045 00:00:00	♁	15°42'45"	♄	14°47'42"	-01°49'24"	-00°01'41"	28.821
07/11/2045 00:00:00	♁	01°50'03"	♄	-21°48'25"	-11°48'22"	-00°00'12"	40.162

Ephemerides year 2045

07/11/2045 00:00:00	♏	18°44'18" ♁r	-15°12'21"	00°00'00"	-00°10'01"	0.003
07/11/2045 00:00:00	♋	01°39'31" ♁	-03°51'47"	-03°29'30"	00°07'13"	9.211
07/11/2045 00:00:00	♌	28°55'50" ♁	-10°56'53"	00°57'19"	00°06'38"	0.003
07/11/2045 00:00:00	T♏	18°44'18" ♁r	-15°12'21"	00°00'00"	-00°10'01"	0.003
07/11/2045 00:00:00	T♌	19°47'05" ♁r	-01°39'45"	02°35'20"	-00°12'30"	0.003
07/11/2045 00:00:00	X	29°41'28" ♁r	05°13'02"	-06°33'25"	-00°00'35"	92.486
07/11/2045 00:00:00	Y	15°17'33" ♁r	11°20'04"	-11°21'11"	-00°00'33"	77.943
08/11/2045 00:00:00	♁	15°58'58" ♁	-16°37'09"	-00°00'00"	01°00'14"	0.991
08/11/2045 00:00:00	♂	04°10'29" ♁	-17°28'00"	-04°50'54"	14°06'00"	0.002
08/11/2045 00:00:00	♀	02°14'41" ♁r	-22°39'49"	-02°05'56"	-00°24'40"	0.747
08/11/2045 00:00:00	♀	01°38'59" ♁	-27°29'06"	0-04°03'37"	00°50'55"	0.543
08/11/2045 00:00:00	♂	17°10'08" ♁	06°31'16"	01°34'44"	00°34'42"	1.934
08/11/2045 00:00:00	♈	02°37'59" ♁	-11°42'01"	-01°15'00"	00°02'10"	4.615
08/11/2045 00:00:00	♄	11°01'33" ♁	-20°37'15"	01°29'08"	00°06'39"	10.906
08/11/2045 00:00:00	♃	01°15'41" ♁	11°42'35"	00°44'01"	00°01'34"	18.580
08/11/2045 00:00:00	♊	15°41'04" ♁r	14°47'13"	-01°49'24"	-00°01'41"	28.821
08/11/2045 00:00:00	♉	01°49'52" ♁r	-21°48'15"	-11°48'07"	-00°00'10"	40.179
08/11/2045 00:00:00	♏	18°33'08" ♁r	-15°15'48"	00°00'00"	-00°12'07"	0.003
08/11/2045 00:00:00	♋	01°46'43" ♁	-03°54'39"	-03°29'30"	00°07'10"	9.199

Ephemerides year 2045

08/11/2045 00:00:00	☾	29°02'29" ♊	-10°53'46"	00°58'11"	00°06'38"	0.003
08/11/2045 00:00:00	♄	18°33'08" ♋	-15°15'48"	00°00'00"	-00°12'07"	0.003
08/11/2045 00:00:00	♄	19°20'18" ♋	-01°51'29"	02°33'58"	-00°44'54"	0.003
08/11/2045 00:00:00	X	29°40'53" ♋	05°12'53"	-06°33'22"	-00°00'35"	92.490
08/11/2045 00:00:00	Y	15°16'59" ♋	11°19'56"	-11°21'15"	-00°00'33"	77.934
09/11/2045 00:00:00	☉	16°59'14" ♌	-16°54'23"	-00°00'00"	01°00'16"	0.991
09/11/2045 00:00:00	☾	18°09'29" ♌	-22°02'03"	-05°00'07"	13°51'09"	0.003
09/11/2045 00:00:00	♀	01°45'03" ♌	-22°21'08"	-01°52'58"	-00°34'35"	0.731
09/11/2045 00:00:00	♀	02°29'33" ♌	-27°28'07"	-04°03'27"	00°50'12"	0.536
09/11/2045 00:00:00	♂	17°44'49" ♌	06°18'09"	01°35'12"	00°34'38"	1.926
09/11/2045 00:00:00	♃	02°40'16" ♌	-11°41'01"	-01°14'49"	00°02'23"	4.630
09/11/2045 00:00:00	♃	11°08'14" ♌	-20°38'17"	01°29'02"	00°06'41"	10.913
09/11/2045 00:00:00	♃	01°17'14" ♌	11°42'05"	00°44'03"	00°01'31"	18.563
09/11/2045 00:00:00	♃	15°39'22" ♌	14°46'44"	-01°49'24"	-00°01'41"	28.822
09/11/2045 00:00:00	♃	01°49'42" ♌	-21°48'05"	-11°47'52"	-00°00'08"	40.196
09/11/2045 00:00:00	♄	18°20'27" ♌	-15°19'43"	00°00'00"	-00°13'02"	0.003
09/11/2045 00:00:00	♃	01°53'51" ♌	-03°57'29"	-03°29'31"	00°07'06"	9.187
09/11/2045 00:00:00	☾	29°09'08" ♌	-10°50'38"	00°59'03"	00°06'38"	0.003
09/11/2045 00:00:00	♄	18°20'27" ♌	-15°19'43"	00°00'00"	-00°13'02"	0.003

Ephemerides year 2045

09/11/2045 00:00:00	T♄	18°10'53" ♋	-02°22'33"	02°29'37"	-01°36'10"	0.003
09/11/2045 00:00:00	X	29°40'18" ♏	05°12'44"	-06°33'19"	-00°00'34"	92.495
09/11/2045 00:00:00	Y	15°16'25" ♋	11°19'49"	-11°21'19"	-00°00'34"	77.926
10/11/2045 00:00:00	☉	17°59'31" ♎	-17°11'20"	-00°00'00"	01°00'18"	0.990
10/11/2045 00:00:00	☾	01°51'23" ♏	-25°17'22"	o-04°51'43"	13°32'02"	0.003
10/11/2045 00:00:00	♀	01°05'30" ♏	-21°58'43"	-01°38'22"	-00°44'30"	0.716
10/11/2045 00:00:00	♀	03°19'23" ♏	-27°26'36"	o-04°03'04"	00°49'26"	0.528
10/11/2045 00:00:00	♂	18°19'25" ♎	06°05'03"	01°35'40"	00°34'33"	1.918
10/11/2045 00:00:00	♃	02°42'45" ♋	-11°39'57"	-01°14'37"	00°02'35"	4.645
10/11/2045 00:00:00	♅	11°14'56" ♏	-20°39'19"	01°28'55"	00°06'43"	10.919
10/11/2045 00:00:00	♁	01°18'43" ♎	11°41'35"	00°44'06"	00°01'28"	18.546
10/11/2045 00:00:00	♃	15°37'41" ♏	14°46'15"	-01°49'23"	-00°01'41"	28.823
10/11/2045 00:00:00	♁	01°49'34" ♋	-21°47'55"	-11°47'38"	-00°00'07"	40.214
10/11/2045 00:00:00	♁	18°07'31" ♏	-15°23'42"	00°00'00"	-00°12'36"	0.003
10/11/2045 00:00:00	♁	02°00'57" ♏	-04°00'19"	-03°29'31"	00°07'03"	9.175
10/11/2045 00:00:00	♁	29°15'47" ♏	-10°47'30"	00°59'55"	00°06'38"	0.003
10/11/2045 00:00:00	T♁	18°07'31" ♏	-15°23'42"	00°00'00"	-00°12'36"	0.003
10/11/2045 00:00:00	T♄	16°06'21" ♋	-03°18'40"	02°21'09"	-02°32'04"	0.003
10/11/2045 00:00:00	X	29°39'43" ♏	05°12'35"	-06°33'15"	-00°00'34"	92.500

Ephemerides year 2045

10/11/2045 00:00:00	Y	15°15'50" ♀	11°19'42"	-11°21'22"	-00°00'34"	77.918
11/11/2045 00:00:00	☉	18°59'50" ♍	-17°27'59"	-00°00'00"	01°00'19"	0.990
11/11/2045 00:00:00	☾	15°12'43" ♋	-27°02'33"	0-04°27'20"	13°10'23"	0.003
11/11/2045 00:00:00	♀	00°16'10" ♋	-21°32'33"	-01°22'10"	-00°54'03"	0.704
11/11/2045 00:00:00	♀	04°08'26" ♋	-27°24'34"	0-04°02'29"	00°48'39"	0.521
11/11/2045 00:00:00	♂	18°53'56" ♍	05°51'57"	01°36'08"	00°34'29"	1.910
11/11/2045 00:00:00	♃	02°45'26" ♉	-11°38'49"	-01°14'26"	00°02'46"	4.660
11/11/2045 00:00:00	♄	11°21'41" ♋	-20°40'20"	01°28'49"	00°06'45"	10.926
11/11/2045 00:00:00	♅	01°20'10" ♍	11°41'07"	00°44'08"	00°01'24"	18.529
11/11/2045 00:00:00	♆	15°36'00" ♄	14°45'46"	-01°49'23"	-00°01'41"	28.824
11/11/2045 00:00:00	♇	01°49'28" ♉	-21°47'43"	-11°47'23"	-00°00'05"	40.231
11/11/2045 00:00:00	♈	17°55'39" ♋	-15°27'20"	00°00'00"	-00°10'56"	0.003
11/11/2045 00:00:00	♉	02°07'58" ♋	-04°03'07"	-03°29'32"	00°06'59"	9.162
11/11/2045 00:00:00	♊	29°22'26" ♋	-10°44'23"	01°00'48"	00°06'38"	0.003
11/11/2045 00:00:00	T♈	17°55'39" ♋	-15°27'20"	00°00'00"	-00°10'56"	0.003
11/11/2045 00:00:00	T♉	13°11'42" ♉	-04°37'20"	02°08'35"	-03°13'11"	0.003
11/11/2045 00:00:00	X	29°39'09" ♋	05°12'27"	-06°33'12"	-00°00'34"	92.506
11/11/2045 00:00:00	Y	15°15'16" ♀	11°19'35"	-11°21'26"	-00°00'34"	77.910
12/11/2045 00:00:00	☉	20°00'11" ♍	-17°44'20"	-00°00'00"	01°00'21"	0.990

Ephemerides year 2045

12/11/2045 00:00:00	♃	28°12'01" ♄	-27°14'51" ♁	-03°49'30"	12°48'17"	0.003
12/11/2045 00:00:00	♆	29°17'39" ♃	-21°02'43"	-01°04'30"	-01°02'49"	0.693
12/11/2045 00:00:00	♀	04°56'42" ♄	-27°22'03" ♁	-04°01'40"	00°47'50"	0.513
12/11/2045 00:00:00	♂	19°28'23" ♃	05°38'52"	01°36'36"	00°34'24"	1.902
12/11/2045 00:00:00	♈	02°48'18" ♃	-11°37'36"	-01°14'15"	00°02'58"	4.675
12/11/2045 00:00:00	♄	11°28'27" ♄	-20°41'21"	01°28'43"	00°06'47"	10.932
12/11/2045 00:00:00	♃	01°21'33" ♃	11°40'39"	00°44'11"	00°01'21"	18.512
12/11/2045 00:00:00	♆	15°34'19" ♄	14°45'17"	-01°49'23"	-00°01'41"	28.825
12/11/2045 00:00:00	♁	01°49'23" ♃	-21°47'31"	-11°47'08"	-00°00'04"	40.248
12/11/2045 00:00:00	♁	17°45'54" ♃	-15°30'19"	00°00'00"	-00°08'26"	0.003
12/11/2045 00:00:00	♂	02°14'55" ♁	-04°05'54"	-03°29'33"	00°06'55"	9.149
12/11/2045 00:00:00	♁	29°29'05" ♃	-10°41'15"	01°01'40"	00°06'38"	0.003
12/11/2045 00:00:00	♁	17°45'54" ♃	-15°30'19"	00°00'00"	-00°08'26"	0.003
12/11/2045 00:00:00	♁	09°50'07" ♃	-06°07'42"	01°53'25"	-03°24'22"	0.003
12/11/2045 00:00:00	X	29°38'35" ♃	05°12'18"	-06°33'08"	-00°00'34"	92.512
12/11/2045 00:00:00	Y	15°14'41" ♃	11°19'28"	-11°21'29"	-00°00'35"	77.902
13/11/2045 00:00:00	♁	21°00'33" ♃	-18°00'22"	-00°00'00"	01°00'22"	0.990
13/11/2045 00:00:00	♃	10°49'50" ♄	-26°00'11" ♁	-03°01'11"	12°27'44"	0.003
13/11/2045 00:00:00	♆	28°10'56" ♃	-20°29'32"	-00°45'34"	-01°10'21"	0.685

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13/11/2045 00:00:00	♀	05°44'06" ♃	-27°19'02"	♁-04°00'37"	00°46'58"	0.506
13/11/2045 00:00:00	♂	20°02'45" ♃	05°25'47"	01°37'04"	00°34'19"	1.894
13/11/2045 00:00:00	♃	02°51'23" ♃	-11°36'19"	-01°14'04"	00°03'10"	4.691
13/11/2045 00:00:00	♃	11°35'15" ♃	-20°42'22"	01°28'36"	00°06'48"	10.938
13/11/2045 00:00:00	♃	01°22'54" ♃	11°40'13"	00°44'13"	00°01'18"	18.496
13/11/2045 00:00:00	♃	15°32'38" ♃	14°44'48"	-01°49'22"	-00°01'40"	28.827
13/11/2045 00:00:00	♃	01°49'19" ♃	-21°47'19"	-11°46'53"	-00°00'02"	40.265
13/11/2045 00:00:00	♃	17°38'53" ♃	-15°32'28"	00°00'00"	-00°05'35"	0.003
13/11/2045 00:00:00	♃	02°21'49" ♃	-04°08'40"	-03°29'35"	00°06'51"	9.137
13/11/2045 00:00:00	♃	29°35'44" ♃	-10°38'07"	01°02'32"	00°06'38"	0.003
13/11/2045 00:00:00	T♃	17°38'53" ♃	-15°32'28"	00°00'00"	-00°05'35"	0.003
13/11/2045 00:00:00	T♃	06°33'26" ♃	-07°35'04"	01°38'02"	-03°04'34"	0.003
13/11/2045 00:00:00	X	29°38'01" ♃	05°12'10"	-06°33'04"	-00°00'33"	92.518
13/11/2045 00:00:00	Y	15°14'05" ♃	11°19'21"	-11°21'32"	-00°00'35"	77.895
14/11/2045 00:00:00	♃	22°00'57" ♃	-18°16'06"	-00°00'00"	01°00'24"	0.990
14/11/2045 00:00:00	♃	23°08'34" ♃	-23°30'38"	♁-02°05'23"	12°10'22"	0.003
14/11/2045 00:00:00	♃	26°57'31" ♃	-19°53'28"	-00°25'40"	-01°16'08"	0.679
14/11/2045 00:00:00	♀	06°30'39" ♃	-27°15'32"	♁-03°59'20"	00°46'05"	0.499
14/11/2045 00:00:00	♂	20°37'02" ♃	05°12'43"	01°37'32"	00°34'14"	1.885

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14/11/2045 00:00:00	♃	02°54'39" ♋	-11°34'57"	-01°13'53"	00°03'22"	4.706
14/11/2045 00:00:00	♈	11°42'04" ♈	-20°43'23"	01°28'30"	00°06'50"	10.944
14/11/2045 00:00:00	♅	01°24'11" ♌	11°39'48"	00°44'16"	00°01'15"	18.478
14/11/2045 00:00:00	♆	15°30'57" ♍	14°44'20"	-01°49'22"	-00°01'40"	28.829
14/11/2045 00:00:00	♁	01°49'17" ♋	-21°47'06"	-11°46'38"	-00°00'01"	40.283
14/11/2045 00:00:00	♁	17°34'39" ♋	-15°33'45"	00°00'00"	-00°02'57"	0.003
14/11/2045 00:00:00	♆	02°28'39" ♍	-04°11'24"	-03°29'36"	00°06'47"	9.123
14/11/2045 00:00:00	♁	29°42'23" ♋	-10°34'59"	01°03'23"	00°06'38"	0.003
14/11/2045 00:00:00	♁	17°34'39" ♋	-15°33'45"	00°00'00"	-00°02'57"	0.003
14/11/2045 00:00:00	♁	03°47'04" ♋	-08°48'13"	01°24'37"	-02°26'35"	0.003
14/11/2045 00:00:00	X	29°37'27" ♋	05°12'02"	-06°33'01"	-00°00'33"	92.524
14/11/2045 00:00:00	Y	15°13'29" ♋	11°19'14"	-11°21'35"	-00°00'36"	77.888
15/11/2045 00:00:00	♁	23°01'22" ♌	-18°31'30"	-00°00'00"	01°00'25"	0.989
15/11/2045 00:00:00	♁	05°12'04" ♋	-20°00'51"	-01°04'56"	11°57'25"	0.003
15/11/2045 00:00:00	♆	25°39'22" ♍	-19°15'15"	-00°05'11"	-01°19'45"	0.676
15/11/2045 00:00:00	♆	07°16'16" ♍	-27°11'34"	-03°57'49"	00°45'09"	0.491
15/11/2045 00:00:00	♈	21°11'14" ♌	04°59'40"	01°38'00"	00°34'09"	1.877
15/11/2045 00:00:00	♃	02°58'07" ♋	-11°33'32"	-01°13'42"	00°03'33"	4.721
15/11/2045 00:00:00	♈	11°48'55" ♈	-20°44'23"	01°28'24"	00°06'51"	10.949

Ephemerides year 2045

15/11/2045 00:00:00	♃	01°25'24"	♍	11°39'24"	00°44'19"	00°01'12"	18.461
15/11/2045 00:00:00	♃	15°29'17"	♏	14°43'51"	-01°49'21"	-00°01'40"	28.831
15/11/2045 00:00:00	♃	01°49'17"	♃	-21°46'52"	-11°46'23"	00°00'00"	40.300
15/11/2045 00:00:00	♁	17°32'45"	♏	-15°34'20"	00°00'00"	-00°00'58"	0.003
15/11/2045 00:00:00	♃	02°35'24"	♁	-04°14'07"	-03°29'38"	00°06'43"	9.110
15/11/2045 00:00:00	♁	29°49'01"	♏	-10°31'51"	01°04'15"	00°06'38"	0.003
15/11/2045 00:00:00	T♁	17°32'45"	♏	-15°34'20"	00°00'00"	-00°00'58"	0.003
15/11/2045 00:00:00	T♁	01°40'32"	♃	-09°43'19"	01°14'08"	-01°47'35"	0.003
15/11/2045 00:00:00	X	29°36'54"	♏	05°11'54"	-06°32'57"	-00°00'33"	92.530
15/11/2045 00:00:00	Y	15°12'53"	♁	11°19'08"	-11°21'38"	-00°00'36"	77.881
16/11/2045 00:00:00	♁	24°01'48"	♍	-18°46'35"	-00°00'00"	01°00'26"	0.989
16/11/2045 00:00:00	♁	17°05'09"	♏	-15°45'00"	-00°02'24"	11°49'40"	0.003
16/11/2045 00:00:00	♁	24°18'50"	♏	-18°35'48"	00°15'26"	-01°20'53"	0.677
16/11/2045 00:00:00	♁	08°00'56"	♁	-27°07'09"	-03°56'02"	00°44'10"	0.484
16/11/2045 00:00:00	♁	21°45'22"	♍	04°46'38"	01°38'29"	00°34'04"	1.868
16/11/2045 00:00:00	♁	03°01'47"	♃	-11°32'02"	-01°13'30"	00°03'45"	4.737
16/11/2045 00:00:00	♁	11°55'47"	♁	-20°45'24"	01°28'19"	00°06'52"	10.954
16/11/2045 00:00:00	♃	01°26'35"	♍	11°39'02"	00°44'21"	00°01'08"	18.444
16/11/2045 00:00:00	♃	15°27'36"	♏	14°43'23"	-01°49'21"	-00°01'40"	28.834

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16/11/2045 00:00:00	♁	01°49'18"	♈	-21°46'38"	-11°46'08"	00°00'01"	40.318
16/11/2045 00:00:00	♁	17°32'21"	♏	-15°34'27"	00°00'00"	-00°00'00"	0.003
16/11/2045 00:00:00	♁	02°42'06"	♌	-04°16'49"	-03°29'40"	00°06'39"	9.097
16/11/2045 00:00:00	♁	29°55'40"	♏	-10°28'43"	01°05'07"	00°06'38"	0.003
16/11/2045 00:00:00	T♁	17°32'21"	♏	-15°34'27"	00°00'00"	-00°00'00"	0.003
16/11/2045 00:00:00	T♁	00°07'49"	♈	-10°23'24"	01°06'16"	-01°20'35"	0.003
16/11/2045 00:00:00	X	29°36'21"	♏	05°11'46"	-06°32'53"	-00°00'33"	92.537
16/11/2045 00:00:00	Y	15°12'16"	♏	11°19'01"	-11°21'41"	-00°00'36"	77.874
17/11/2045 00:00:00	♁	25°02'16"	♏	-19°01'20"	-00°00'00"	01°00'28"	0.989
17/11/2045 00:00:00	♁	28°53'17"	♏	-10°55'25"	00°59'49"	11°47'30"	0.003
17/11/2045 00:00:00	♁	22°58'29"	♏	-17°56'11"	00°35'44"	-01°19'21"	0.680
17/11/2045 00:00:00	♁	08°44'36"	♏	-27°02'17"	0-03°54'00"	00°43'09"	0.477
17/11/2045 00:00:00	♁	22°19'24"	♏	04°33'37"	01°38'57"	00°34'00"	1.860
17/11/2045 00:00:00	♁	03°05'38"	♈	-11°30'28"	-01°13'19"	00°03'56"	4.752
17/11/2045 00:00:00	♁	12°02'41"	♏	-20°46'24"	01°28'13"	00°06'54"	10.959
17/11/2045 00:00:00	♁	01°27'42"	♏	11°38'40"	00°44'24"	00°01'05"	18.427
17/11/2045 00:00:00	♁	15°25'57"	♏	14°42'55"	-01°49'20"	-00°01'39"	28.837
17/11/2045 00:00:00	♁	01°49'21"	♈	-21°46'23"	-11°45'53"	00°00'03"	40.335
17/11/2045 00:00:00	♁	17°32'21"	♏	-15°34'27"	00°00'00"	-00°00'12"	0.003

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17/11/2045 00:00:00	♁	02°48'43" ♁	-04°19'29"	-03°29'42"	00°06'34"	9.083
17/11/2045 00:00:00	♁	00°02'19" ♁	-10°25'35"	01°05'59"	00°06'38"	0.003
17/11/2045 00:00:00	♁	17°32'21" ♁	-15°34'27"	00°00'00"	-00°00'12"	0.003
17/11/2045 00:00:00	♁	28°53'01" ♁	-10°55'32"	00°59'48"	-01°12'22"	0.003
17/11/2045 00:00:00	X	29°35'48" ♁	05°11'39"	-06°32'49"	-00°00'32"	92.544
17/11/2045 00:00:00	Y	15°11'39" ♁	11°18'55"	-11°21'44"	-00°00'37"	77.868
18/11/2045 00:00:00	♁	26°02'44" ♁	-19°15'44"	00°00'00"	01°00'29"	0.989
18/11/2045 00:00:00	♁	10°42'03" ♁	-05°42'30"	01°59'32"	11°50'56"	0.003
18/11/2045 00:00:00	♁	21°41'00" ♁	-17°17'35"	00°55'14"	-01°15'11"	0.687
18/11/2045 00:00:00	♁	09°27'14" ♁	-26°57'00"	0-03°51'42"	00°42'05"	0.470
18/11/2045 00:00:00	♁	22°53'22" ♁	04°20'37"	01°39'25"	00°33'55"	1.851
18/11/2045 00:00:00	♁	03°09'40" ♁	-11°28'50"	-01°13'08"	00°04'07"	4.768
18/11/2045 00:00:00	♁	12°09'35" ♁	-20°47'23"	01°28'08"	00°06'55"	10.964
18/11/2045 00:00:00	♁	01°28'46" ♁	11°38'20"	00°44'27"	00°01'02"	18.410
18/11/2045 00:00:00	♁	15°24'17" ♁	14°42'27"	-01°49'19"	-00°01'39"	28.840
18/11/2045 00:00:00	♁	01°49'25" ♁	-21°46'07"	-11°45'38"	00°00'04"	40.353
18/11/2045 00:00:00	♁	17°31'34" ♁	-15°34'41"	00°00'00"	-00°01'30"	0.003
18/11/2045 00:00:00	♁	02°55'15" ♁	-04°22'07"	-03°29'44"	00°06'30"	9.070
18/11/2045 00:00:00	♁	00°08'58" ♁	-10°22'26"	01°06'51"	00°06'38"	0.003

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18/11/2045 00:00:00	T♄	17°31'34" ♋	-15°34'41"	00°00'00"	-00°01'30"	0.003
18/11/2045 00:00:00	T♄	27°36'15" ♋	-11°28'13"	00°53'10"	-01°24'23"	0.003
18/11/2045 00:00:00	X	29°35'15" ♏	05°11'31"	-06°32'45"	-00°00'32"	92.552
18/11/2045 00:00:00	Y	15°11'02" ♏	11°18'48"	-11°21'46"	-00°00'37"	77.862
19/11/2045 00:00:00	☉	27°03'15" ♎	-19°29'48"	00°00'00"	01°00'30"	0.988
19/11/2045 00:00:00	☾	22°36'55" ♏	-00°15'28"	02°54'29"	11°59'37"	0.003
19/11/2045 00:00:00	♁	20°28'55" ♎	-16°41'08"	01°13'29"	-01°08'36"	0.696
19/11/2045 00:00:00	♂	10°08'46" ♏	-26°51'17"	0-03°49'07"	00°40'59"	0.463
19/11/2045 00:00:00	♂	23°27'14" ♎	04°07'39"	01°39'53"	00°33'49"	1.843
19/11/2045 00:00:00	♃	03°13'53" ♏	-11°27'08"	-01°12'57"	00°04'19"	4.783
19/11/2045 00:00:00	♅	12°16'31" ♏	-20°48'23"	01°28'02"	00°06'56"	10.968
19/11/2045 00:00:00	♁	01°29'47" ♎	11°38'00"	00°44'29"	00°00'59"	18.393
19/11/2045 00:00:00	♃	15°22'38" ♏	14°41'59"	-01°49'18"	-00°01'38"	28.844
19/11/2045 00:00:00	♁	01°49'31" ♏	-21°45'51"	-11°45'23"	00°00'06"	40.370
19/11/2045 00:00:00	♁	17°29'02" ♋	-15°35'28"	00°00'00"	-00°03'41"	0.003
19/11/2045 00:00:00	♁	03°01'44" ♏	-04°24'44"	-03°29'47"	00°06'26"	9.056
19/11/2045 00:00:00	♁	00°15'37" ♏	-10°19'18"	01°07'43"	00°06'38"	0.003
19/11/2045 00:00:00	T♄	17°29'02" ♋	-15°35'28"	00°00'00"	-00°03'41"	0.003
19/11/2045 00:00:00	T♄	25°58'33" ♋	-12°09'18"	00°44'48"	-01°53'16"	0.003

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19/11/2045 00:00:00	X	29°34'42" ♄	05°11'24"	-06°32'41"	-00°00'32"	92.560
19/11/2045 00:00:00	Y	15°10'25" ♀	11°18'42"	-11°21'49"	-00°00'37"	77.856
20/11/2045 00:00:00		☉ 28°03'46" ♍	-19°43'30"	00°00'00"	01°00'32"	0.988
20/11/2045 00:00:00		☾ 04°42'51" ♄	05°16'29"	03°42'23"	12°12'54"	0.003
20/11/2045 00:00:00		♀ 19°24'27" ♍	-16°07'53"	01°30'09"	-01°00'01"	0.709
20/11/2045 00:00:00		♀ 10°49'11" ♄	-26°45'09"	o-03°46'16"	00°39'49"	0.456
20/11/2045 00:00:00		♂ 24°01'02" ♍	03°54'41"	01°40'21"	00°33'44"	1.834
20/11/2045 00:00:00		♃ 03°18'18" ♄	-11°25'22"	-01°12'46"	00°04'30"	4.799
20/11/2045 00:00:00		♅ 12°23'28" ♄	-20°49'22"	01°27'57"	00°06'57"	10.973
20/11/2045 00:00:00		♁ 01°30'44" ♍	11°37'42"	00°44'32"	00°00'55"	18.376
20/11/2045 00:00:00		♃ 15°20'59" ♄	14°41'32"	-01°49'17"	-00°01'38"	28.848
20/11/2045 00:00:00		♁ 01°49'38" ♄	-21°45'34"	-11°45'08"	00°00'08"	40.388
20/11/2045 00:00:00		♁ 17°24'01" ♄	-15°36'59"	00°00'00"	-00°06'23"	0.003
20/11/2045 00:00:00		♁ 03°08'08" ♄	-04°27'19"	-03°29'50"	00°06'21"	9.042
20/11/2045 00:00:00		♁ 00°22'16" ♄	-10°16'10"	01°08'35"	00°06'38"	0.003
20/11/2045 00:00:00	T♁	17°24'01" ♄	-15°36'59"	00°00'00"	-00°06'23"	0.003
20/11/2045 00:00:00	T♁	23°47'01" ♄	-13°03'37"	00°33'41"	-02°29'59"	0.003
20/11/2045 00:00:00	X	29°34'10" ♄	05°11'17"	-06°32'37"	-00°00'31"	92.568
20/11/2045 00:00:00	Y	15°09'47" ♀	11°18'36"	-11°21'51"	-00°00'37"	77.851

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21/11/2045 00:00:00	☉	29°04'19" ♍	-19°56'51"	00°00'00"	01°00'33"	0.988
21/11/2045 00:00:00	☾	17°03'56" ♏	10°42'58"	04°20'54"	12°29'45"	0.003
21/11/2045 00:00:00	♀	18°29'23" ♍	-15°38'41"	01°44'57"	-00°49'53"	0.724
21/11/2045 00:00:00	♀	11°28'25" ♌	-26°38'39"	0-03°43'07"	00°38'37"	0.449
21/11/2045 00:00:00	♂	24°34'44" ♍	03°41'46"	01°40'50"	00°33'39"	1.826
21/11/2045 00:00:00	♃	03°22'53" ♏	-11°23'32"	-01°12'35"	00°04'41"	4.815
21/11/2045 00:00:00	♄	12°30'26" ♏	-20°50'20"	01°27'52"	00°06'58"	10.976
21/11/2045 00:00:00	♅	01°31'38" ♍	11°37'26"	00°44'35"	00°00'52"	18.358
21/11/2045 00:00:00	♆	15°19'21" ♏	14°41'04"	-01°49'16"	-00°01'37"	28.852
21/11/2045 00:00:00	♇	01°49'47" ♏	-21°45'17"	-11°44'53"	00°00'09"	40.405
21/11/2045 00:00:00	♈	17°16'15" ♏	-15°39'21"	00°00'00"	-00°09'05"	0.003
21/11/2045 00:00:00	♉	03°14'28" ♏	-04°29'53"	-03°29'53"	00°06'17"	9.028
21/11/2045 00:00:00	♊	00°28'55" ♏	-10°13'01"	01°09'26"	00°06'38"	0.003
21/11/2045 00:00:00	♋	17°16'15" ♏	-15°39'21"	00°00'00"	-00°09'05"	0.003
21/11/2045 00:00:00	♌	21°00'57" ♏	-14°10'38"	00°19'45"	-02°59'27"	0.003
21/11/2045 00:00:00	X	29°33'39" ♏	05°11'10"	-06°32'32"	-00°00'31"	92.576
21/11/2045 00:00:00	Y	15°09'09" ♏	11°18'30"	-11°21'53"	-00°00'38"	77.846
22/11/2045 00:00:00	☉	00°04'53" ♏	-20°09'50"	00°00'00"	01°00'34"	0.988
22/11/2045 00:00:00	☾	29°43'05" ♏	15°51'04"	04°47'36"	12°48'47"	0.003

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22/11/2045 00:00:00	♀	17°45'00" ♍	-15°14'11"	01°57'43"	-00°38'45"	0.741
22/11/2045 00:00:00	♀	12°06'25" ♍	-26°31'46"	0-03°39'39"	00°37'22"	0.442
22/11/2045 00:00:00	♂	25°08'21" ♍	03°28'51"	01°41'18"	00°33'34"	1.817
22/11/2045 00:00:00	♃	03°27'40" ♋	-11°21'38"	-01°12'24"	00°04'52"	4.830
22/11/2045 00:00:00	♃	12°37'25" ♋	-20°51'19"	01°27'47"	00°06'59"	10.980
22/11/2045 00:00:00	♃	01°32'29" ♍	11°37'10"	00°44'37"	00°00'49"	18.341
22/11/2045 00:00:00	♃	15°17'43" ♋	14°40'37"	-01°49'15"	-00°01'37"	28.856
22/11/2045 00:00:00	♃	01°49'58" ♋	-21°44'59"	-11°44'38"	00°00'11"	40.423
22/11/2045 00:00:00	♋	17°06'00" ♋	-15°42'27"	00°00'00"	-00°11'18"	0.003
22/11/2045 00:00:00	♋	03°20'43" ♋	-04°32'25"	-03°29'56"	00°06'12"	9.013
22/11/2045 00:00:00	♋	00°35'33" ♋	-10°09'52"	01°10'18"	00°06'38"	0.003
22/11/2045 00:00:00	T♋	17°06'00" ♋	-15°42'27"	00°00'00"	-00°11'18"	0.003
22/11/2045 00:00:00	T♋	17°56'18" ♋	-15°22'56"	00°04'25"	-03°04'37"	0.003
22/11/2045 00:00:00	X	29°33'07" ♋	05°11'03"	-06°32'28"	-00°00'31"	92.584
22/11/2045 00:00:00	Y	15°08'30" ♋	11°18'24"	-11°21'55"	-00°00'38"	77.841
23/11/2045 00:00:00	♃	01°05'28" ♋	-20°22'27"	00°00'00"	01°00'36"	0.988
23/11/2045 00:00:00	♃	12°41'42" ♋	20°24'28"	05°00'17"	13°08'23"	0.003
23/11/2045 00:00:00	♀	17°12'02" ♍	-14°54'45"	02°08'25"	-00°27'08"	0.761
23/11/2045 00:00:00	♀	12°43'09" ♍	-26°24'31"	0-03°35'53"	00°36'03"	0.435

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23/11/2045 00:00:00	♂	25°41'53" ♉	03°15'58"	01°41'46"	00°33'29"	1.808
23/11/2045 00:00:00	♃	03°32'38" ♉	-11°19'40"	-01°12'13"	00°05'03"	4.846
23/11/2045 00:00:00	♅	12°44'26" ♉	-20°52'17"	01°27'42"	00°07'00"	10.984
23/11/2045 00:00:00	♁	01°33'17" ♉	11°36'55"	00°44'40"	00°00'46"	18.324
23/11/2045 00:00:00	♃	15°16'06" ♉	14°40'10"	-01°49'14"	-00°01'36"	28.861
23/11/2045 00:00:00	♁	01°50'10" ♉	-21°44'41"	-11°44'22"	00°00'12"	40.441
23/11/2045 00:00:00	♁	16°53'56" ♉	-15°46'06"	00°00'00"	-00°12'36"	0.003
23/11/2045 00:00:00	♃	03°26'53" ♉	-04°34'56"	-03°30'00"	00°06'08"	8.999
23/11/2045 00:00:00	♁	00°42'12" ♉	-10°06'43"	01°11'10"	00°06'38"	0.003
23/11/2045 00:00:00	♁	16°53'56" ♉	-15°46'06"	00°00'00"	-00°12'36"	0.003
23/11/2045 00:00:00	♁	15°03'06" ♉	-16°28'23"	-00°09'43"	-02°36'11"	0.003
23/11/2045 00:00:00	X	29°32'36" ♉	05°10'56"	-06°32'24"	-00°00'30"	92.593
23/11/2045 00:00:00	Y	15°07'52" ♉	11°18'19"	-11°21'57"	-00°00'38"	77.837
24/11/2045 00:00:00	♁	02°06'05" ♉	-20°34'41"	00°00'00"	01°00'37"	0.987
24/11/2045 00:00:00	♁	25°59'30" ♉	24°03'32" ♁	04°57'12"	13°26'51"	0.003
24/11/2045 00:00:00	♁	16°50'45" ♉	-14°40'31"	02°17'02"	-00°15'27"	0.782
24/11/2045 00:00:00	♀	13°18'32" ♉	-26°16'55" ♁	-03°31'48"	00°34'42"	0.428
24/11/2045 00:00:00	♂	26°15'20" ♉	03°03'07"	01°42'14"	00°33'24"	1.799
24/11/2045 00:00:00	♃	03°37'46" ♉	-11°17'38"	-01°12'03"	00°05'13"	4.862

Ephemerides year 2045

24/11/2045 00:00:00	♃	12°51'27" ♄	-20°53'14"	01°27'37"	00°07'01"	10.987
24/11/2045 00:00:00	♃	01°34'01" ♃	11°36'42"	00°44'43"	00°00'42"	18.307
24/11/2045 00:00:00	♃	15°14'30" ♃	14°39'43"	-01°49'13"	-00°01'35"	28.866
24/11/2045 00:00:00	♃	01°50'24" ♃	-21°44'21"	-11°44'07"	00°00'14"	40.458
24/11/2045 00:00:00	♃	16°41'10" ♃	-15°49'56"	00°00'00"	-00°12'42"	0.003
24/11/2045 00:00:00	♃	03°32'59" ♃	-04°37'24"	-03°30'03"	00°06'03"	8.984
24/11/2045 00:00:00	♃	00°48'51" ♃	-10°03'34"	01°12'01"	00°06'39"	0.003
24/11/2045 00:00:00	♃	16°41'10" ♃	-15°49'56"	00°00'00"	-00°12'42"	0.003
24/11/2045 00:00:00	♃	12°53'19" ♃	-17°15'39"	-00°19'59"	-01°39'56"	0.003
24/11/2045 00:00:00	X	29°32'05" ♃	05°10'50"	-06°32'19"	-00°00'30"	92.602
24/11/2045 00:00:00	Y	15°07'13" ♃	11°18'13"	-11°21'58"	-00°00'38"	77.832
25/11/2045 00:00:00	♃	03°06'43" ♄	-20°46'33"	00°00'00"	01°00'38"	0.987
25/11/2045 00:00:00	♃	09°34'32" ♃	26°27'08" ♃	04°37'24"	13°42'40"	0.003
25/11/2045 00:00:00	♃	16°41'01" ♃	-14°31'25"	02°23'39"	-00°04'04"	0.805
25/11/2045 00:00:00	♃	13°52'32" ♃	-26°08'59" ♃	-03°27'23"	00°33'17"	0.421
25/11/2045 00:00:00	♃	26°48'42" ♃	02°50'18"	01°42'43"	00°33'18"	1.791
25/11/2045 00:00:00	♃	03°43'05" ♃	-11°15'32"	-01°11'52"	00°05'24"	4.877
25/11/2045 00:00:00	♃	12°58'29" ♄	-20°54'12"	01°27'32"	00°07'02"	10.990
25/11/2045 00:00:00	♃	01°34'42" ♃	11°36'30"	00°44'45"	00°00'39"	18.289

Ephemerides year 2045

25/11/2045 00:00:00	♁	15°12'54" ♂	14°39'17"	-01°49'12"	-00°01'35"	28.871
25/11/2045 00:00:00	♁	01°50'39" ♀	-21°44'02"	-11°43'52"	00°00'16"	40.476
25/11/2045 00:00:00	♁	16°28'56" ♀	-15°53'37"	00°00'00"	-00°11'32"	0.003
25/11/2045 00:00:00	♁	03°39'00" ♀	-04°39'52"	-03°30'07"	00°05'58"	8.970
25/11/2045 00:00:00	♁	00°55'30" ♀	-10°00'25"	01°12'53"	00°06'39"	0.003
25/11/2045 00:00:00	♁	16°28'56" ♀	-15°53'37"	00°00'00"	-00°11'32"	0.003
25/11/2045 00:00:00	♁	11°46'48" ♀	-17°38'55"	-00°24'46"	-00°32'56"	0.003
25/11/2045 00:00:00	♁	29°31'35" ♀	05°10'43"	-06°32'15"	-00°00'29"	92.611
25/11/2045 00:00:00	♁	15°06'35" ♀	11°18'08"	-11°22'00"	-00°00'38"	77.828
26/11/2045 00:00:00	♁	04°07'23" ♀	-20°58'01"	00°00'00"	01°00'40"	0.987
26/11/2045 00:00:00	♁	23°23'38" ♀	27°17'02" ♀	04°01'07"	13°54'48"	0.003
26/11/2045 00:00:00	♁	16°42'23" ♀	-14°27'14"	02°28'25"	00°06'42"	0.828
26/11/2045 00:00:00	♁	14°25'06" ♀	-26°00'44" ♀	-03°22'38"	00°31'49"	0.414
26/11/2045 00:00:00	♁	27°21'58" ♀	02°37'30"	01°43'11"	00°33'13"	1.782
26/11/2045 00:00:00	♁	03°48'35" ♀	-11°13'22"	-01°11'41"	00°05'35"	4.893
26/11/2045 00:00:00	♁	13°05'32" ♀	-20°55'09"	01°27'28"	00°07'03"	10.992
26/11/2045 00:00:00	♁	01°35'20" ♀	11°36'19"	00°44'48"	00°00'36"	18.272
26/11/2045 00:00:00	♁	15°11'20" ♂	14°38'50"	-01°49'11"	-00°01'34"	28.877
26/11/2045 00:00:00	♁	01°50'56" ♀	-21°43'41"	-11°43'37"	00°00'17"	40.494

Ephemerides year 2045

26/11/2045 00:00:00	♏	16°18'26" ♁	-15°56'46"	00°00'00"	-00°09'19"	0.003
26/11/2045 00:00:00	♋	03°44'57" ♁	-04°42'17"	-03°30'11"	00°05'54"	8.955
26/11/2045 00:00:00	♌	01°02'09" ♁	-09°57'16"	01°13'44"	00°06'39"	0.003
26/11/2045 00:00:00	T♏	16°18'26" ♁	-15°56'46"	00°00'00"	-00°09'19"	0.003
26/11/2045 00:00:00	T♌	11°44'53" ♁	-17°38'46"	-00°24'04"	00°26'36"	0.003
26/11/2045 00:00:00	X	29°31'06" ♁	05°10'37"	-06°32'10"	-00°00'29"	92.621
26/11/2045 00:00:00	Y	15°05'56" ♁	11°18'02"	-11°22'01"	-00°00'38"	77.825
27/11/2045 00:00:00	♁	05°08'04" ♁	-21°09'06"	00°00'00"	01°00'41"	0.987
27/11/2045 00:00:00	♂	07°22'49" ♁	26°23'23" ♁	03°09'55"	14°02'52"	0.002
27/11/2045 00:00:00	♌	16°54'12" ♁	-14°27'38"	02°31'27"	00°16'45"	0.853
27/11/2045 00:00:00	♀	14°56'11" ♁	-25°52'10" ♁	-03°17'31"	00°30'18"	0.408
27/11/2045 00:00:00	♂	27°55'09" ♁	02°24'45"	01°43'39"	00°33'08"	1.773
27/11/2045 00:00:00	♉	03°54'15" ♁	-11°11'08"	-01°11'31"	00°05'45"	4.909
27/11/2045 00:00:00	♃	13°12'35" ♁	-20°56'05"	01°27'23"	00°07'03"	10.995
27/11/2045 00:00:00	♁	01°35'55" ♁	11°36'09"	00°44'51"	00°00'32"	18.255
27/11/2045 00:00:00	♊	15°09'46" ♁	14°38'24"	-01°49'09"	-00°01'33"	28.883
27/11/2045 00:00:00	♁	01°51'14" ♁	-21°43'21"	-11°43'22"	00°00'19"	40.511
27/11/2045 00:00:00	♏	16°10'30" ♁	-15°59'08"	00°00'00"	-00°06'27"	0.003
27/11/2045 00:00:00	♋	03°50'49" ♁	-04°44'41"	-03°30'15"	00°05'49"	8.940

Ephemerides year 2045

27/11/2045 00:00:00	☾	01°08'49" ♈	-09°54'07"	01°14'36"	00°06'39"	0.003
27/11/2045 00:00:00	♁	16°10'30" ♏	-15°59'08"	00°00'00"	-00°06'27"	0.003
27/11/2045 00:00:00	♁	12°33'22" ♏	-17°20'29"	-00°19'09"	01°06'32"	0.003
27/11/2045 00:00:00	X	29°30'36" ♄	05°10'32"	-06°32'05"	-00°00'29"	92.631
27/11/2045 00:00:00	Y	15°05'17" ♃	11°17'57"	-11°22'02"	-00°00'39"	77.821
28/11/2045 00:00:00	☉	06°08'47" ♈	-21°19'47"	00°00'00"	01°00'43"	0.987
28/11/2045 00:00:00	☾	21°28'08" ♎	23°48'26" ♁	02°06'40"	14°07'11"	0.002
28/11/2045 00:00:00	♀	17°15'38" ♎	-14°32'11"	02°32'57"	00°25'58"	0.878
28/11/2045 00:00:00	♀	15°25'42" ♎	-25°43'20" ♁	-03°12'02"	00°28'43"	0.401
28/11/2045 00:00:00	♂	28°28'14" ♎	02°12'01"	01°44'07"	00°33'02"	1.764
28/11/2045 00:00:00	♃	04°00'06" ♈	-11°08'50"	-01°11'20"	00°05'55"	4.924
28/11/2045 00:00:00	♃	13°19'39" ♈	-20°57'02"	01°27'19"	00°07'04"	10.997
28/11/2045 00:00:00	♎	01°36'26" ♎	11°36'00"	00°44'53"	00°00'29"	18.238
28/11/2045 00:00:00	♃	15°08'12" ♄	14°37'59"	-01°49'08"	-00°01'32"	28.889
28/11/2045 00:00:00	♁	01°51'34" ♈	-21°42'59"	-11°43'07"	00°00'20"	40.529
28/11/2045 00:00:00	♁	16°05'32" ♏	-16°00'37"	00°00'00"	-00°03'32"	0.003
28/11/2045 00:00:00	♃	03°56'35" ♈	-04°47'02"	-03°30'20"	00°05'44"	8.925
28/11/2045 00:00:00	☾	01°15'28" ♈	-09°50'58"	01°15'27"	00°06'39"	0.003
28/11/2045 00:00:00	♁	16°05'32" ♏	-16°00'37"	00°00'00"	-00°03'32"	0.003

Ephemerides year 2045

28/11/2045 00:00:00	T♄	13°50'07" ♊	-16°51'44"	-00°11'58"	01°23'20"	0.003
28/11/2045 00:00:00	X	29°30'07" ♏	05°10'26"	-06°32'01"	-00°00'28"	92.641
28/11/2045 00:00:00	Y	15°04'38" ♏	11°17'52"	-11°22'03"	-00°00'39"	77.818
29/11/2045 00:00:00	☉	07°09'31" ♏	-21°30'04"	-00°00'00"	01°00'44"	0.986
29/11/2045 00:00:00	☾	05°36'11" ♏	19°45'34"	00°55'16"	14°08'31"	0.002
29/11/2045 00:00:00	♀	17°45'50" ♏	-14°40'27"	02°33'04"	00°34'16"	0.903
29/11/2045 00:00:00	♀	15°53'36" ♏	-25°34'12"	o-03°06'12"	00°27'04"	0.394
29/11/2045 00:00:00	♂	29°01'14" ♏	01°59'20"	01°44'36"	00°32'56"	1.755
29/11/2045 00:00:00	♃	04°06'07" ♏	-11°06'29"	-01°11'10"	00°06'06"	4.940
29/11/2045 00:00:00	♅	13°26'44" ♏	-20°57'57"	01°27'15"	00°07'04"	10.999
29/11/2045 00:00:00	♁	01°36'53" ♏	11°35'53"	00°44'56"	00°00'26"	18.220
29/11/2045 00:00:00	♃	15°06'40" ♏	14°37'33"	-01°49'06"	-00°01'32"	28.896
29/11/2045 00:00:00	♁	01°51'56" ♏	-21°42'37"	-11°42'52"	00°00'22"	40.547
29/11/2045 00:00:00	♁	16°03'15" ♏	-16°01'17"	00°00'00"	-00°01'08"	0.003
29/11/2045 00:00:00	♁	04°02'17" ♏	-04°49'22"	-03°30'25"	00°05'39"	8.910
29/11/2045 00:00:00	♁	01°22'07" ♏	-09°47'48"	01°16'19"	00°06'39"	0.003
29/11/2045 00:00:00	T♁	16°03'15" ♏	-16°01'17"	00°00'00"	-00°01'08"	0.003
29/11/2045 00:00:00	T♄	15°14'43" ♏	-16°19'46"	-00°04'18"	01°24'36"	0.003
29/11/2045 00:00:00	X	29°29'38" ♏	05°10'21"	-06°31'56"	-00°00'28"	92.651

Ephemerides year 2045

29/11/2045 00:00:00	Y	15°03'58" ♀	11°17'47"	-11°22'04"	-00°00'39"	77.815
30/11/2045 00:00:00	☉	08°10'16" ♄	-21°39'57"	-00°00'00"	01°00'46"	0.986
30/11/2045 00:00:00	☾	19°44'30" ♀	14°34'54"	-00°19'39"	14°07'51"	0.002
30/11/2045 00:00:00	♀	18°23'54" ♃	-14°51'59"	02°31'57"	00°41'42"	0.928
30/11/2045 00:00:00	♀	16°19'50" ♄	-25°24'49"	o-02°59'58"	00°25'22"	0.388
30/11/2045 00:00:00	♂	29°34'08" ♃	01°46'41"	01°45'04"	00°32'50"	1.746
30/11/2045 00:00:00	♃	04°12'18" ♃	-11°04'04"	-01°10'59"	00°06'16"	4.956
30/11/2045 00:00:00	♃	13°33'49" ♄	-20°58'53"	01°27'11"	00°07'05"	11.001
30/11/2045 00:00:00	♃	01°37'18" ♃	11°35'47"	00°44'59"	00°00'22"	18.203
30/11/2045 00:00:00	♃	15°05'08" ♄	14°37'08"	-01°49'05"	-00°01'31"	28.903
30/11/2045 00:00:00	♃	01°52'19" ♃	-21°42'15"	-11°42'37"	00°00'23"	40.564
30/11/2045 00:00:00	♃	16°02'55" ♃	-16°01'24"	00°00'00"	00°00'14"	0.003
30/11/2045 00:00:00	♃	04°07'54" ♃	-04°51'41"	-03°30'29"	00°05'33"	8.894
30/11/2045 00:00:00	♃	01°28'46" ♃	-09°44'39"	01°17'10"	00°06'38"	0.003
30/11/2045 00:00:00	T♃	16°02'55" ♃	-16°01'24"	00°00'00"	00°00'14"	0.003
30/11/2045 00:00:00	T♃	16°41'00" ♃	-15°46'46"	00°03'22"	01°31'04"	0.003
30/11/2045 00:00:00	X	29°29'10" ♄	05°10'15"	-06°31'51"	-00°00'28"	92.661
30/11/2045 00:00:00	Y	15°03'19" ♀	11°17'43"	-11°22'05"	-00°00'39"	77.813
01/12/2045 00:00:00	☉	09°11'03" ♄	-21°49'25"	-00°00'00"	01°00'47"	0.986

Ephemerides year 2045

01/12/2045 00:00:00	♃	03°51'30"	♈	08°38'28"	-01°33'21"	14°05'58"	0.002
01/12/2045 00:00:00	♆	19°08'59"	♈	-15°06'18"	02°29'46"	00°48'18"	0.953
01/12/2045 00:00:00	♀	16°44'20"	♈	-25°15'11"	♁ -02°53'21"	00°23'36"	0.382
01/12/2045 00:00:00	♂	00°06'55"	♁	01°34'05"	01°45'33"	00°32'44"	1.737
01/12/2045 00:00:00	♃	04°18'39"	♈	-11°01'35"	-01°10'49"	00°06'26"	4.971
01/12/2045 00:00:00	♃	13°40'55"	♈	-20°59'48"	01°27'07"	00°07'05"	11.002
01/12/2045 00:00:00	♃	01°37'39"	♈	11°35'42"	00°45'01"	00°00'19"	18.186
01/12/2045 00:00:00	♃	15°03'37"	♈	14°36'43"	-01°49'03"	-00°01'30"	28.910
01/12/2045 00:00:00	♃	01°52'44"	♈	-21°41'52"	-11°42'22"	00°00'25"	40.582
01/12/2045 00:00:00	♁	16°03'19"	♁	-16°01'16"	00°00'00"	00°00'20"	0.003
01/12/2045 00:00:00	♁	04°13'25"	♁	-04°53'57"	-03°30'34"	00°05'28"	8.879
01/12/2045 00:00:00	♁	01°35'25"	♈	-09°41'29"	01°18'02"	00°06'38"	0.003
01/12/2045 00:00:00	♁	16°03'19"	♁	-16°01'16"	00°00'00"	00°00'20"	0.003
01/12/2045 00:00:00	♁	18°27'03"	♁	-15°05'32"	00°12'45"	02°07'16"	0.003
01/12/2045 00:00:00	X	29°28'42"	♈	05°10'10"	-06°31'46"	-00°00'27"	92.672
01/12/2045 00:00:00	Y	15°02'39"	♈	11°17'38"	-11°22'05"	-00°00'39"	77.811
02/12/2045 00:00:00	♁	10°11'52"	♈	-21°58'28"	-00°00'00"	01°00'49"	0.986
02/12/2045 00:00:00	♃	17°56'12"	♈	02°17'36"	-02°41'12"	14°03'18"	0.002
02/12/2045 00:00:00	♆	20°00'15"	♈	-15°22'59"	02°26'40"	00°54'05"	0.977

Ephemerides year 2045

02/12/2045 00:00:00	♀	17°07'03" ♃	-25°05'19"	o-02°46'19"	00°21'47"	0.375
02/12/2045 00:00:00	♂	00°39'37" ♄	01°21'31"	01°46'01"	00°32'38"	1.728
02/12/2045 00:00:00	♃	04°25'11" ♃	-10°59'03"	-01°10'38"	00°06'36"	4.987
02/12/2045 00:00:00	♅	13°48'00" ♃	-21°00'42"	01°27'03"	00°07'06"	11.003
02/12/2045 00:00:00	♁	01°37'56" ♃	11°35'38"	00°45'04"	00°00'15"	18.169
02/12/2045 00:00:00	♃	15°02'07" ♃	14°36'19"	-01°49'01"	-00°01'29"	28.917
02/12/2045 00:00:00	♁	01°53'10" ♃	-21°41'29"	-11°42'07"	00°00'26"	40.599
02/12/2045 00:00:00	♁	16°03'10" ♃	-16°01'19"	00°00'00"	-00°00'49"	0.003
02/12/2045 00:00:00	♁	04°18'51" ♄	-04°56'11"	-03°30'39"	00°05'23"	8.863
02/12/2045 00:00:00	♁	01°42'04" ♃	-09°38'20"	01°18'53"	00°06'38"	0.003
02/12/2045 00:00:00	T♁	16°03'10" ♃	-16°01'19"	00°00'00"	-00°00'49"	0.003
02/12/2045 00:00:00	T♁	21°06'52" ♃	-14°01'56"	00°26'56"	03°15'52"	0.003
02/12/2045 00:00:00	X	29°28'15" ♃	05°10'05"	-06°31'41"	-00°00'27"	92.683
02/12/2045 00:00:00	Y	15°01'59" ♃	11°17'34"	-11°22'06"	-00°00'39"	77.809
03/12/2045 00:00:00	♁	11°12'42" ♃	-22°07'05"	-00°00'00"	01°00'50"	0.986
03/12/2045 00:00:00	♁	01°57'50" ♄	-04°07'49"	-03°39'02"	13°59'46"	0.002
03/12/2045 00:00:00	♁	20°56'56" ♃	-15°41'38"	02°22'45"	00°59'10"	1.002
03/12/2045 00:00:00	♀	17°27'54" ♃	-24°55'14"	o-02°38'53"	00°19'54"	0.369
03/12/2045 00:00:00	♂	01°12'13" ♄	01°08'59"	01°46'30"	00°32'32"	1.719

Ephemerides year 2045

03/12/2045 00:00:00	♃	04°31'52" ♈	-10°56'27"	-01°10'28"	00°06'46"	5.002
03/12/2045 00:00:00	♅	13°55'07" ♉	-21°01'37"	01°27'00"	00°07'06"	11.004
03/12/2045 00:00:00	♆	01°38'10" ♊	11°35'36"	00°45'07"	00°00'12"	18.152
03/12/2045 00:00:00	♇	15°00'37" ♋	14°35'55"	-01°49'00"	-00°01'28"	28.925
03/12/2045 00:00:00	♁	01°53'37" ♌	-21°41'05"	-11°41'52"	00°00'28"	40.617
03/12/2045 00:00:00	♄	16°01'19" ♍	-16°01'52"	00°00'00"	-00°02'59"	0.003
03/12/2045 00:00:00	♆	04°24'12" ♎	-04°58'23"	-03°30'45"	00°05'18"	8.848
03/12/2045 00:00:00	♁	01°48'43" ♏	-09°35'10"	01°19'44"	00°06'38"	0.003
03/12/2045 00:00:00	♄	16°01'19" ♍	-16°01'52"	00°00'00"	-00°02'59"	0.003
03/12/2045 00:00:00	♁	24°59'25" ♎	-12°26'31"	00°47'34"	04°26'03"	0.003
03/12/2045 00:00:00	X	29°27'48" ♏	05°10'01"	-06°31'36"	-00°00'26"	92.694
03/12/2045 00:00:00	Y	15°01'19" ♐	11°17'29"	-11°22'06"	-00°00'40"	77.807
04/12/2045 00:00:00	♁	12°13'33" ♋	-22°15'17"	-00°00'00"	01°00'52"	0.986
04/12/2045 00:00:00	♄	15°55'20" ♍	-10°18'49"	-04°23'29"	13°54'55"	0.003
04/12/2045 00:00:00	♆	21°58'22" ♎	-16°01'53"	02°18'09"	01°03'35"	1.026
04/12/2045 00:00:00	♇	17°46'50" ♏	-24°44'55"	0-02°31'01"	00°17'57"	0.363
04/12/2045 00:00:00	♅	01°44'42" ♉	00°56'31"	01°46'58"	00°32'26"	1.709
04/12/2045 00:00:00	♃	04°38'43" ♈	-10°53'47"	-01°10'18"	00°06'55"	5.018
04/12/2045 00:00:00	♅	14°02'13" ♉	-21°02'30"	01°26'56"	00°07'06"	11.005

Ephemerides year 2045

04/12/2045 00:00:00	♃	01°38'21" ♃	11°35'34"	00°45'10"	00°00'08"	18.135
04/12/2045 00:00:00	♃	14°59'09" ♃	14°35'31"	-01°48'58"	-00°01'27"	28.933
04/12/2045 00:00:00	♃	01°54'06" ♃	-21°40'41"	-11°41'38"	00°00'29"	40.634
04/12/2045 00:00:00	♃	15°57'01" ♃	-16°03'09"	00°00'00"	-00°05'39"	0.003
04/12/2045 00:00:00	♃	04°29'27" ♃	-05°00'34"	-03°30'50"	00°05'12"	8.832
04/12/2045 00:00:00	♃	01°55'22" ♃	-09°32'00"	01°20'35"	00°06'38"	0.003
04/12/2045 00:00:00	♃	15°57'01" ♃	-16°03'09"	00°00'00"	-00°05'39"	0.003
04/12/2045 00:00:00	♃	29°47'10" ♃	-10°24'24"	01°12'54"	05°01'42"	0.003
04/12/2045 00:00:00	X	29°27'21" ♃	05°09'56"	-06°31'31"	-00°00'26"	92.706
04/12/2045 00:00:00	Y	15°00'39" ♃	11°17'25"	-11°22'06"	-00°00'40"	77.806
05/12/2045 00:00:00	♃	13°14'26" ♃	-22°23'04"	-00°00'00"	01°00'53"	0.986
05/12/2045 00:00:00	♃	29°47'03" ♃	-15°56'40"	-04°52'05"	13°48'06"	0.003
05/12/2045 00:00:00	♃	23°03'55" ♃	-16°23'25"	02°12'58"	01°07'25"	1.049
05/12/2045 00:00:00	♃	18°03'48" ♃	-24°34'26"	-02°22'44"	00°15'56"	0.357
05/12/2045 00:00:00	♃	02°17'05" ♃	00°44'05"	01°47'27"	00°32'19"	1.700
05/12/2045 00:00:00	♃	04°45'44" ♃	-10°51'03"	-01°10'08"	00°07'05"	5.034
05/12/2045 00:00:00	♃	14°09'20" ♃	-21°03'23"	01°26'53"	00°07'06"	11.005
05/12/2045 00:00:00	♃	01°38'28" ♃	11°35'34"	00°45'12"	00°00'05"	18.118
05/12/2045 00:00:00	♃	14°57'42" ♃	14°35'07"	-01°48'56"	-00°01'26"	28.941

Ephemerides year 2045

05/12/2045 00:00:00	♁	01°54'37" ♋	-21°40'16"	-11°41'23"	00°00'31"	40.651
05/12/2045 00:00:00	♁	15°50'03" ♋	-16°05'13"	00°00'00"	-00°08'13"	0.003
05/12/2045 00:00:00	♁	04°34'37" ♋	-05°02'42"	-03°30'56"	00°05'07"	8.816
05/12/2045 00:00:00	♁	02°02'01" ♋	-09°28'50"	01°21'27"	00°06'39"	0.003
05/12/2045 00:00:00	♁	15°50'03" ♋	-16°05'13"	00°00'00"	-00°08'13"	0.003
05/12/2045 00:00:00	♁	04°46'25" ♋	-08°13'27"	01°38'51"	04°48'48"	0.003
05/12/2045 00:00:00	X	29°26'55" ♋	05°09'52"	-06°31'26"	-00°00'25"	92.717
05/12/2045 00:00:00	Y	14°59'59" ♋	11°17'21"	-11°22'06"	-00°00'40"	77.805
06/12/2045 00:00:00	♁	14°15'20" ♋	-22°30'24"	-00°00'00"	01°00'54"	0.985
06/12/2045 00:00:00	♁	13°30'43" ♋	-20°42'42"	-05°03'32"	13°38'45"	0.003
06/12/2045 00:00:00	♁	24°13'03" ♋	-16°45'55"	02°07'17"	01°10'44"	1.071
06/12/2045 00:00:00	♁	18°18'42" ♋	-24°23'45"	-02°14'00"	00°13'52"	0.351
06/12/2045 00:00:00	♁	02°49'21" ♋	00°31'43"	01°47'56"	00°32'12"	1.691
06/12/2045 00:00:00	♁	04°52'54" ♋	-10°48'16"	-01°09'58"	00°07'15"	5.049
06/12/2045 00:00:00	♁	14°16'26" ♋	-21°04'16"	01°26'49"	00°07'06"	11.005
06/12/2045 00:00:00	♁	01°38'32" ♋	11°35'35"	00°45'15"	00°00'02"	18.101
06/12/2045 00:00:00	♁	14°56'16" ♋	14°34'44"	-01°48'54"	-00°01'25"	28.949
06/12/2045 00:00:00	♁	01°55'09" ♋	-21°39'50"	-11°41'08"	00°00'33"	40.669
06/12/2045 00:00:00	♁	15°40'48" ♋	-16°07'58"	00°00'00"	-00°10'08"	0.003

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06/12/2045 00:00:00	♁	04°39'41" ♁	-05°04'48"	-03°31'02"	00°05'01"	8.800
06/12/2045 00:00:00	♁	02°08'40" ♁	-09°25'40"	01°22'18"	00°06'39"	0.003
06/12/2045 00:00:00	♁	15°40'48" ♁	-16°07'58"	00°00'00"	-00°10'08"	0.003
06/12/2045 00:00:00	♁	09°10'38" ♁	-06°15'06"	02°01'22"	03°53'40"	0.003
06/12/2045 00:00:00	X	29°26'29" ♁	05°09'48"	-06°31'21"	-00°00'25"	92.729
06/12/2045 00:00:00	Y	14°59'19" ♁	11°17'17"	-11°22'05"	-00°00'40"	77.804
07/12/2045 00:00:00	♁	15°16'16" ♁	-22°37'17"	-00°00'00"	01°00'56"	0.985
07/12/2045 00:00:00	♁	27°03'37" ♁	-24°19'23"	0-04°57'42"	13°26'36"	0.003
07/12/2045 00:00:00	♁	25°25'16" ♁	-17°09'08"	02°01'10"	01°13'37"	1.093
07/12/2045 00:00:00	♁	18°31'31" ♁	-24°12'53"	0-02°04'49"	00°11'43"	0.346
07/12/2045 00:00:00	♁	03°21'30" ♁	00°19'23"	01°48'24"	00°32'06"	1.681
07/12/2045 00:00:00	♁	05°00'15" ♁	-10°45'26"	-01°09'48"	00°07'25"	5.064
07/12/2045 00:00:00	♁	14°23'33" ♁	-21°05'08"	01°26'46"	00°07'06"	11.005
07/12/2045 00:00:00	♁	01°38'32" ♁	11°35'38"	00°45'18"	-00°00'01"	18.084
07/12/2045 00:00:00	♁	14°54'51" ♁	14°34'21"	-01°48'52"	-00°01'24"	28.958
07/12/2045 00:00:00	♁	01°55'43" ♁	-21°39'24"	-11°40'54"	00°00'34"	40.686
07/12/2045 00:00:00	♁	15°30'07" ♁	-16°11'07"	00°00'00"	-00°11'02"	0.003
07/12/2045 00:00:00	♁	04°44'40" ♁	-05°06'52"	-03°31'07"	00°04'56"	8.784
07/12/2045 00:00:00	♁	02°15'19" ♁	-09°22'30"	01°23'09"	00°06'39"	0.003

Ephemerides year 2045

07/12/2045 00:00:00	T♄	15°30'07" ♊	-16°11'07"	00°00'00"	-00°11'02"	0.003
07/12/2045 00:00:00	T♄	12°24'24" ♋	-04°46'52"	02°17'46"	02°30'30"	0.003
07/12/2045 00:00:00	X	29°26'04" ♋	05°09'44"	-06°31'16"	-00°00'24"	92.741
07/12/2045 00:00:00	Y	14°58'39" ♋	11°17'13"	-11°22'05"	-00°00'39"	77.804
08/12/2045 00:00:00	☉	16°17'12" ♋	-22°43'44"	-00°00'00"	01°00'57"	0.985
08/12/2045 00:00:00	☾	10°23'05" ♋	-26°32'45"	o-04°35'38"	13°11'55"	0.003
08/12/2045 00:00:00	♁	26°40'10" ♌	-17°32'50"	01°54'43"	01°16'05"	1.114
08/12/2045 00:00:00	♂	18°42'08" ♌	-24°01'53"	o-01°55'12"	00°09'31"	0.340
08/12/2045 00:00:00	♂	03°53'33" ♌	00°07'07"	01°48'53"	00°31'59"	1.672
08/12/2045 00:00:00	♃	05°07'44" ♌	-10°42'31"	-01°09'38"	00°07'34"	5.080
08/12/2045 00:00:00	♂	14°30'40" ♌	-21°06'00"	01°26'43"	00°07'06"	11.004
08/12/2045 00:00:00	♃	01°38'30" ♌	11°35'41"	00°45'20"	-00°00'04"	18.067
08/12/2045 00:00:00	♃	14°53'28" ♌	14°33'59"	-01°48'50"	-00°01'23"	28.967
08/12/2045 00:00:00	♃	01°56'19" ♌	-21°38'58"	-11°40'39"	00°00'36"	40.703
08/12/2045 00:00:00	♄	15°19'07" ♌	-16°14'22"	00°00'00"	-00°10'45"	0.003
08/12/2045 00:00:00	♃	04°49'33" ♌	-05°08'54"	-03°31'14"	00°04'50"	8.768
08/12/2045 00:00:00	♃	02°21'58" ♌	-09°19'20"	01°24'00"	00°06'39"	0.003
08/12/2045 00:00:00	T♄	15°19'07" ♌	-16°14'22"	00°00'00"	-00°10'45"	0.003
08/12/2045 00:00:00	T♄	14°07'42" ♌	-03°59'02"	02°26'52"	00°55'36"	0.003

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08/12/2045 00:00:00	X	29°25'40" ♄r	05°09'41"	-06°31'11"	-00°00'24"	92.754
08/12/2045 00:00:00	Y	14°57'59" ♀r	11°17'10"	-11°22'04"	-00°00'39"	77.804
09/12/2045 00:00:00		17°18'10" ☉	-22°49'45"	-00°00'00"	01°00'58"	0.985
09/12/2045 00:00:00		23°26'54" ☾	-27°15'26"	0-03°59'22"	12°55'28"	0.003
09/12/2045 00:00:00		27°57'21" ♀	-17°56'48"	01°47'58"	01°18'13"	1.135
09/12/2045 00:00:00		18°50'32" ♀	-23°50'43"	0-01°45'07"	00°07'15"	0.335
09/12/2045 00:00:00		04°25'29" ♂	-00°05'05"	01°49'22"	00°31'51"	1.663
09/12/2045 00:00:00		05°15'24" ♃	-10°39'34"	-01°09'28"	00°07'43"	5.095
09/12/2045 00:00:00		14°37'47" ♃	-21°06'51"	01°26'40"	00°07'06"	11.004
09/12/2045 00:00:00		01°38'23" ♃r	11°35'46"	00°45'23"	-00°00'07"	18.051
09/12/2045 00:00:00		14°52'05" ♂r	14°33'37"	-01°48'48"	-00°01'21"	28.976
09/12/2045 00:00:00		01°56'55" ♃	-21°38'31"	-11°40'25"	00°00'37"	40.720
09/12/2045 00:00:00		15°08'58" ♃r	-16°17'21"	00°00'00"	-00°09'23"	0.003
09/12/2045 00:00:00		04°54'21" ♃	-05°10'54"	-03°31'20"	00°04'44"	8.752
09/12/2045 00:00:00		02°28'37" ♃	-09°16'10"	01°24'51"	00°06'39"	0.003
09/12/2045 00:00:00	TΩ	15°08'58" ♃r	-16°17'21"	00°00'00"	-00°09'23"	0.003
09/12/2045 00:00:00	T♄	14°17'50" ♃r	-03°53'27"	02°28'42"	-00°32'35"	0.003
09/12/2045 00:00:00	X	29°25'16" ♄r	05°09'37"	-06°31'05"	-00°00'23"	92.766
09/12/2045 00:00:00	Y	14°57'19" ♀r	11°17'06"	-11°22'04"	-00°00'39"	77.804

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10/12/2045 00:00:00	♁	18°19'08" ♄	-22°55'18"	-00°00'00"	01°00'58"	0.985
10/12/2045 00:00:00	♃	06°13'49" ♄	-26°28'42"	♁-03°11'36"	12°38'22"	0.003
10/12/2045 00:00:00	♁	29°16'32" ♃	-18°20'53"	01°40'58"	01°20'04"	1.154
10/12/2045 00:00:00	♁	18°56'38" ♄	-23°39'25"	♁-01°34'34"	00°04'56"	0.329
10/12/2045 00:00:00	♂	04°57'17" ♁	-00°17'14"	01°49'51"	00°31'44"	1.653
10/12/2045 00:00:00	♃	05°23'12" ♃	-10°36'32"	-01°09'19"	00°07'53"	5.111
10/12/2045 00:00:00	♃	14°44'53" ♄	-21°07'42"	01°26'37"	00°07'06"	11.003
10/12/2045 00:00:00	♃	01°38'14" ♃	11°35'52"	00°45'26"	-00°00'11"	18.034
10/12/2045 00:00:00	♁	14°50'44" ♃	14°33'15"	-01°48'45"	-00°01'20"	28.986
10/12/2045 00:00:00	♁	01°57'34" ♃	-21°38'03"	-11°40'11"	00°00'39"	40.737
10/12/2045 00:00:00	♁	15°00'36" ♃	-16°19'48"	00°00'00"	-00°07'14"	0.003
10/12/2045 00:00:00	♁	04°59'02" ♁	-05°12'52"	-03°31'26"	00°04'38"	8.735
10/12/2045 00:00:00	♁	02°35'16" ♃	-09°13'00"	01°25'42"	00°06'39"	0.003
10/12/2045 00:00:00	♁	15°00'36" ♃	-16°19'48"	00°00'00"	-00°07'14"	0.003
10/12/2045 00:00:00	♁	13°10'59" ♃	-04°22'54"	02°24'30"	-01°35'38"	0.003
10/12/2045 00:00:00	X	29°24'52" ♃	05°09'34"	-06°31'00"	-00°00'23"	92.779
10/12/2045 00:00:00	Y	14°56'39" ♃	11°17'03"	-11°22'03"	-00°00'39"	77.805
11/12/2045 00:00:00	♁	19°20'08" ♄	-23°00'24"	-00°00'00"	01°00'59"	0.985
11/12/2045 00:00:00	♃	18°43'52" ♄	-24°21'39"	♁-02°15'24"	12°21'57"	0.003

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11/12/2045 00:00:00	♀	00°37'25" ♈	-18°44'53"	01°33'48"	01°21'39"	1.173
11/12/2045 00:00:00	♀	19°00'24" ♎	-23°28'00"	01°23'34"	00°02'34"	0.324
11/12/2045 00:00:00	♂	05°28'58" ♋	-00°29'20"	01°50'20"	00°31'37"	1.644
11/12/2045 00:00:00	♃	05°31'10" ♉	-10°33'28"	-01°09'09"	00°08'02"	5.126
11/12/2045 00:00:00	♃	14°52'00" ♈	-21°08'32"	01°26'35"	00°07'06"	11.001
11/12/2045 00:00:00	♃	01°38'01" ♉	11°35'59"	00°45'28"	-00°00'14"	18.018
11/12/2045 00:00:00	♃	14°49'24" ♎	14°32'54"	-01°48'43"	-00°01'19"	28.996
11/12/2045 00:00:00	♃	01°58'14" ♉	-21°37'35"	-11°39'57"	00°00'40"	40.754
11/12/2045 00:00:00	♃	14°54'36" ♎	-16°21'34"	00°00'00"	-00°04'42"	0.003
11/12/2045 00:00:00	♃	05°03'38" ♋	-05°14'47"	-03°31'32"	00°04'32"	8.719
11/12/2045 00:00:00	♃	02°41'55" ♉	-09°09'49"	01°26'33"	00°06'39"	0.003
11/12/2045 00:00:00	T♃	14°54'36" ♎	-16°21'34"	00°00'00"	-00°04'42"	0.003
11/12/2045 00:00:00	T♃	11°18'48" ♉	-05°12'56"	02°16'29"	-02°02'30"	0.003
11/12/2045 00:00:00	X	29°24'29" ♎	05°09'31"	-06°30'54"	-00°00'22"	92.792
11/12/2045 00:00:00	Y	14°55'59" ♉	11°17'00"	-11°22'02"	-00°00'39"	77.806
12/12/2045 00:00:00	☉	20°21'08" ♈	-23°05'03"	-00°00'00"	01°01'00"	0.985
12/12/2045 00:00:00	☾	00°58'25" ♎	-21°08'19"	-01°13'51"	12°07'34"	0.003
12/12/2045 00:00:00	♀	01°59'46" ♈	-19°08'41"	01°26'28"	01°23'01"	1.191
12/12/2045 00:00:00	♀	19°01'45" ♎	-23°16'27"	-01°12'06"	00°00'09"	0.319

Ephemerides year 2045

12/12/2045 00:00:00	♂	06°00'31" ♁	-00°41'22"	01°50'49"	00°31'29"	1.634
12/12/2045 00:00:00	♃	05°39'16" ♃	-10°30'20"	-01°09'00"	00°08'10"	5.141
12/12/2045 00:00:00	♅	14°59'05" ♂	-21°09'22"	01°26'32"	00°07'05"	11.000
12/12/2045 00:00:00	♁	01°37'45" ♃	11°36'07"	00°45'31"	-00°00'18"	18.001
12/12/2045 00:00:00	♃	14°48'05" ♂	14°32'34"	-01°48'41"	-00°01'18"	29.006
12/12/2045 00:00:00	♁	01°58'55" ♃	-21°37'07"	-11°39'42"	00°00'42"	40.771
12/12/2045 00:00:00	♁	14°51'09" ♃	-16°22'34"	00°00'00"	-00°02'14"	0.003
12/12/2045 00:00:00	♃	05°08'07" ♁	-05°16'40"	-03°31'39"	00°04'26"	8.702
12/12/2045 00:00:00	♁	02°48'35" ♃	-09°06'39"	01°27'24"	00°06'39"	0.003
12/12/2045 00:00:00	♁	14°51'09" ♃	-16°22'34"	00°00'00"	-00°02'14"	0.003
12/12/2045 00:00:00	♁	09°17'04" ♃	-06°07'12"	02°07'18"	-01°56'28"	0.003
12/12/2045 00:00:00	X	29°24'07" ♂	05°09'29"	-06°30'49"	-00°00'22"	92.805
12/12/2045 00:00:00	Y	14°55'19" ♃	11°16'57"	-11°22'00"	-00°00'39"	77.807
13/12/2045 00:00:00	♁	21°22'08" ♂	-23°09'14"	-00°00'00"	01°01'00"	0.985
13/12/2045 00:00:00	♁	13°00'05" ♃	-17°04'01"	-00°09'51"	11°56'22"	0.003
13/12/2045 00:00:00	♁	03°23'23" ♂	-19°32'09"	01°19'01"	01°24'12"	1.209
13/12/2045 00:00:00	♁	19°00'41" ♂	-23°04'49"	-01°00'11"	-00°02'18"	0.314
13/12/2045 00:00:00	♂	06°31'57" ♁	-00°53'21"	01°51'18"	00°31'21"	1.625
13/12/2045 00:00:00	♃	05°47'31" ♃	-10°27'08"	-01°08'50"	00°08'19"	5.156

Ephemerides year 2045

13/12/2045 00:00:00	♃	15°06'11" ♄	-21°10'11"	01°26'29"	00°07'05"	10.998
13/12/2045 00:00:00	♅	01°37'25" ♃	11°36'17"	00°45'34"	-00°00'21"	17.985
13/12/2045 00:00:00	♆	14°46'48" ♃	14°32'13"	-01°48'39"	-00°01'16"	29.016
13/12/2045 00:00:00	♁	01°59'38" ♃	-21°36'38"	-11°39'28"	00°00'43"	40.788
13/12/2045 00:00:00	♄	14°49'58" ♃	-16°22'55"	00°00'00"	-00°00'14"	0.003
13/12/2045 00:00:00	♂	05°12'31" ♃	-05°18'31"	-03°31'46"	00°04'20"	8.686
13/12/2045 00:00:00	♁	02°55'14" ♃	-09°03'28"	01°28'15"	00°06'39"	0.003
13/12/2045 00:00:00	T♄	14°49'58" ♃	-16°22'55"	00°00'00"	-00°00'14"	0.003
13/12/2045 00:00:00	T♁	07°31'52" ♃	-06°53'58"	01°59'04"	-01°32'24"	0.003
13/12/2045 00:00:00	X	29°23'45" ♃	05°09'26"	-06°30'43"	-00°00'21"	92.818
13/12/2045 00:00:00	Y	14°54'40" ♃	11°16'55"	-11°21'59"	-00°00'39"	77.808
14/12/2045 00:00:00	♁	22°23'10" ♄	-23°12'58"	-00°00'00"	01°01'01"	0.984
14/12/2045 00:00:00	♃	24°52'34" ♃	-12°22'50"	00°53'53"	11°49'21"	0.003
14/12/2045 00:00:00	♁	04°48'07" ♄	-19°55'11"	01°11'29"	01°25'13"	1.225
14/12/2045 00:00:00	♁	18°57'08" ♃	-22°53'04"	-00°47'49"	-00°04'47"	0.310
14/12/2045 00:00:00	♂	07°03'15" ♃	-01°05'15"	01°51'48"	00°31'14"	1.615
14/12/2045 00:00:00	♁	05°55'56" ♃	-10°23'54"	-01°08'41"	00°08'28"	5.171
14/12/2045 00:00:00	♃	15°13'16" ♄	-21°11'00"	01°26'27"	00°07'04"	10.996
14/12/2045 00:00:00	♅	01°37'02" ♃	11°36'28"	00°45'36"	-00°00'24"	17.969

Ephemerides year 2045

14/12/2045 00:00:00	♁	14°45'32"	♄	14°31'53"	-01°48'36"	-00°01'15"	29.027
14/12/2045 00:00:00	♁	02°00'22"	♄	-21°36'09"	-11°39'15"	00°00'44"	40.804
14/12/2045 00:00:00	♁	14°50'25"	♁	-16°22'47"	00°00'00"	00°00'59"	0.003
14/12/2045 00:00:00	♁	05°16'49"	♁	-05°20'19"	-03°31'53"	00°04'14"	8.669
14/12/2045 00:00:00	♁	03°01'53"	♄	-09°00'18"	01°29'06"	00°06'39"	0.003
14/12/2045 00:00:00	T♁	14°50'25"	♁	-16°22'47"	00°00'00"	00°00'59"	0.003
14/12/2045 00:00:00	T♁	06°12'32"	♄	-07°29'10"	01°52'39"	-01°07'17"	0.003
14/12/2045 00:00:00	X	29°23'23"	♄	05°09'24"	-06°30'38"	-00°00'21"	92.832
14/12/2045 00:00:00	Y	14°54'00"	♄	11°16'52"	-11°21'57"	-00°00'39"	77.810
15/12/2045 00:00:00	♁	23°24'11"	♄	-23°16'14"	00°00'00"	01°01'01"	0.984
15/12/2045 00:00:00	♁	06°40'25"	♄	-07°16'43"	01°55'01"	11°47'12"	0.003
15/12/2045 00:00:00	♁	06°13'48"	♄	-20°17'41"	01°03'54"	01°26'06"	1.241
15/12/2045 00:00:00	♁	18°51'06"	♄	-22°41'15"	-00°35'02"	-00°07'17"	0.305
15/12/2045 00:00:00	♁	07°34'25"	♁	-01°17'06"	01°52'17"	00°31'06"	1.606
15/12/2045 00:00:00	♁	06°04'28"	♄	-10°20'36"	-01°08'32"	00°08'36"	5.186
15/12/2045 00:00:00	♁	15°20'20"	♄	-21°11'48"	01°26'25"	00°07'03"	10.994
15/12/2045 00:00:00	♁	01°36'35"	♄	11°36'39"	00°45'39"	-00°00'28"	17.953
15/12/2045 00:00:00	♁	14°44'17"	♄	14°31'34"	-01°48'34"	-00°01'14"	29.038
15/12/2045 00:00:00	♁	02°01'08"	♄	-21°35'39"	-11°39'01"	00°00'46"	40.821

Ephemerides year 2045

15/12/2045 00:00:00	♏	14°51'38" ♁	-16°22'26"	00°00'00"	00°01'18"	0.003
15/12/2045 00:00:00	♋	05°21'00" ♁	-05°22'05"	-03°31'59"	00°04'08"	8.653
15/12/2045 00:00:00	♌	03°08'32" ♁	-08°57'07"	01°29'57"	00°06'39"	0.003
15/12/2045 00:00:00	♏	14°51'38" ♁	-16°22'26"	00°00'00"	00°01'18"	0.003
15/12/2045 00:00:00	♌	05°13'27" ♁	-07°55'21"	01°47'43"	-00°53'28"	0.003
15/12/2045 00:00:00	X	29°23'02" ♁	05°09'22"	-06°30'32"	-00°00'20"	92.845
15/12/2045 00:00:00	Y	14°53'20" ♁	11°16'50"	-11°21'56"	-00°00'39"	77.812
16/12/2045 00:00:00	♏	24°25'14" ♁	-23°19'02"	00°00'00"	01°01'02"	0.984
16/12/2045 00:00:00	♎	18°28'44" ♁	-01°55'36"	02°51'20"	11°50'19"	0.003
16/12/2045 00:00:00	♌	07°40'18" ♁	-20°39'34"	00°56'18"	01°26'53"	1.256
16/12/2045 00:00:00	♌	18°42'33" ♁	-22°29'20"	-00°21'48"	-00°09'48"	0.301
16/12/2045 00:00:00	♌	08°05'27" ♁	-01°28'52"	01°52'46"	00°30'58"	1.596
16/12/2045 00:00:00	♌	06°13'09" ♁	-10°17'15"	-01°08'23"	00°08'45"	5.201
16/12/2045 00:00:00	♌	15°27'24" ♁	-21°12'36"	01°26'23"	00°07'03"	10.991
16/12/2045 00:00:00	♌	01°36'05" ♁	11°36'53"	00°45'42"	-00°00'31"	17.937
16/12/2045 00:00:00	♌	14°43'03" ♁	14°31'15"	-01°48'31"	-00°01'12"	29.049
16/12/2045 00:00:00	♌	02°01'55" ♁	-21°35'09"	-11°38'47"	00°00'47"	40.837
16/12/2045 00:00:00	♏	14°52'42" ♁	-16°22'07"	00°00'00"	00°00'40"	0.003
16/12/2045 00:00:00	♋	05°25'05" ♁	-05°23'49"	-03°32'06"	00°04'02"	8.636

Ephemerides year 2045

16/12/2045 00:00:00	☾	03°15'11"	♏	-08°53'56"	01°30'47"	00°06'39"	0.003
16/12/2045 00:00:00	♁	14°52'42"	♏	-16°22'07"	00°00'00"	00°00'40"	0.003
16/12/2045 00:00:00	♁	04°19'38"	♏	-08°19'10"	01°43'08"	-00°57'20"	0.003
16/12/2045 00:00:00	X	29°22'42"	♏	05°09'20"	-06°30'26"	-00°00'20"	92.859
16/12/2045 00:00:00	Y	14°52'41"	♏	11°16'48"	-11°21'54"	-00°00'39"	77.814
17/12/2045 00:00:00	☉	25°26'16"	♏	-23°21'22"	00°00'00"	01°01'02"	0.984
17/12/2045 00:00:00	☾	00°22'54"	♏	03°31'36"	03°40'44"	11°58'52"	0.003
17/12/2045 00:00:00	♁	09°07'32"	♏	-21°00'45"	00°48'40"	01°27'33"	1.271
17/12/2045 00:00:00	♀	18°31'30"	♏	-22°17'21"	-00°08'11"	-00°12'18"	0.297
17/12/2045 00:00:00	♂	08°36'21"	♏	-01°40'35"	01°53'15"	00°30'50"	1.586
17/12/2045 00:00:00	♁	06°21'59"	♏	-10°13'51"	-01°08'14"	00°08'53"	5.216
17/12/2045 00:00:00	♁	15°34'27"	♏	-21°13'23"	01°26'21"	00°07'02"	10.989
17/12/2045 00:00:00	♁	01°35'32"	♏	11°37'07"	00°45'44"	-00°00'34"	17.921
17/12/2045 00:00:00	♁	14°41'51"	♏	14°30'56"	-01°48'29"	-00°01'11"	29.060
17/12/2045 00:00:00	♁	02°02'43"	♏	-21°34'39"	-11°38'34"	00°00'49"	40.854
17/12/2045 00:00:00	♁	14°52'44"	♏	-16°22'06"	00°00'00"	-00°00'43"	0.003
17/12/2045 00:00:00	♁	05°29'04"	♏	-05°25'30"	-03°32'13"	00°03'55"	8.619
17/12/2045 00:00:00	☾	03°21'50"	♏	-08°50'46"	01°31'38"	00°06'39"	0.003
17/12/2045 00:00:00	♁	14°52'44"	♏	-16°22'06"	00°00'00"	-00°00'43"	0.003

Ephemerides year 2045

17/12/2045 00:00:00	T♄	03°12'22" ♋	-08°48'46"	01°37'25"	-01°20'14"	0.003
17/12/2045 00:00:00	X	29°22'22" ♏	05°09'19"	-06°30'21"	-00°00'19"	92.873
17/12/2045 00:00:00	Y	14°52'01" ♋	11°16'46"	-11°21'52"	-00°00'39"	77.817
18/12/2045 00:00:00	☉	26°27'19" ♈	-23°23'14"	00°00'00"	01°01'03"	0.984
18/12/2045 00:00:00	☾	12°28'13" ♏	08°55'53"	04°21'06"	12°12'36"	0.003
18/12/2045 00:00:00	♀	10°35'24" ♈	-21°21'11"	00°41'04"	01°28'09"	1.285
18/12/2045 00:00:00	♁	18°17'57" ♎	-22°05'19"	00°05'49"	-00°14'47"	0.293
18/12/2045 00:00:00	♂	09°07'07" ♉	-01°52'13"	01°53'45"	00°30'41"	1.577
18/12/2045 00:00:00	♋	06°30'57" ♋	-10°10'23"	-01°08'05"	00°09'01"	5.231
18/12/2045 00:00:00	♌	15°41'29" ♈	-21°14'10"	01°26'19"	00°07'01"	10.986
18/12/2045 00:00:00	♍	01°34'56" ♎	11°37'22"	00°45'47"	-00°00'38"	17.905
18/12/2045 00:00:00	♎	14°40'41" ♏	14°30'38"	-01°48'26"	-00°01'09"	29.071
18/12/2045 00:00:00	♏	02°03'33" ♋	-21°34'08"	-11°38'20"	00°00'50"	40.870
18/12/2045 00:00:00	♐	14°51'05" ♏	-16°22'35"	00°00'00"	-00°02'37"	0.003
18/12/2045 00:00:00	♑	05°32'57" ♉	-05°27'09"	-03°32'21"	00°03'49"	8.602
18/12/2045 00:00:00	♒	03°28'29" ♋	-08°47'35"	01°32'29"	00°06'39"	0.003
18/12/2045 00:00:00	T♁	14°51'05" ♏	-16°22'35"	00°00'00"	-00°02'37"	0.003
18/12/2045 00:00:00	T♄	01°33'51" ♋	-09°31'44"	01°29'03"	-01°58'50"	0.003
18/12/2045 00:00:00	X	29°22'02" ♏	05°09'18"	-06°30'15"	-00°00'19"	92.887

Ephemerides year 2045

18/12/2045 00:00:00	Y	14°51'22" ♀	11°16'44"	-11°21'49"	-00°00'39"	77.820
19/12/2045 00:00:00	☉	27°28'23" ♀	-23°24'38"	00°00'00"	01°01'03"	0.984
19/12/2045 00:00:00	☾	24°49'39" ♀	14°06'37"	04°50'19"	12°30'56"	0.003
19/12/2045 00:00:00	♋	12°03'50" ♀	-21°40'48"	00°33'29"	01°28'41"	1.298
19/12/2045 00:00:00	♌	18°01'56" ♀	-21°53'13"	00°20'11"	-00°17'13"	0.289
19/12/2045 00:00:00	♍	09°37'45" ♀	-02°03'47"	01°54'14"	00°30'33"	1.567
19/12/2045 00:00:00	♎	06°40'03" ♀	-10°06'52"	-01°07'56"	00°09'10"	5.246
19/12/2045 00:00:00	♏	15°48'30" ♀	-21°14'55"	01°26'17"	00°07'00"	10.982
19/12/2045 00:00:00	♐	01°34'16" ♀	11°37'39"	00°45'49"	-00°00'41"	17.889
19/12/2045 00:00:00	♑	14°39'32" ♀	14°30'21"	-01°48'23"	-00°01'08"	29.083
19/12/2045 00:00:00	♒	02°04'24" ♀	-21°33'37"	-11°38'07"	00°00'51"	40.886
19/12/2045 00:00:00	♓	14°47'26" ♀	-16°23'39"	00°00'00"	-00°04'39"	0.003
19/12/2045 00:00:00	♈	05°36'43" ♀	-05°28'46"	-03°32'28"	00°03'43"	8.586
19/12/2045 00:00:00	♉	03°35'08" ♀	-08°44'24"	01°33'19"	00°06'39"	0.003
19/12/2045 00:00:00	T♊	14°47'26" ♀	-16°23'39"	00°00'00"	-00°04'39"	0.003
19/12/2045 00:00:00	T♋	29°12'25" ♀	-10°32'36"	01°17'04"	-02°44'02"	0.003
19/12/2045 00:00:00	X	29°21'44" ♀	05°09'16"	-06°30'09"	-00°00'18"	92.902
19/12/2045 00:00:00	Y	14°50'43" ♀	11°16'42"	-11°21'47"	-00°00'39"	77.823
20/12/2045 00:00:00	☉	28°29'26" ♀	-23°25'34"	00°00'00"	01°01'04"	0.984

Ephemerides year 2045

20/12/2045 00:00:00	♃	07°31'17" ♄	18°50'17"	05°06'15"	12°52'46"	0.003
20/12/2045 00:00:00	♆	13°32'46" ♀	-21°59'32"	00°25'57"	01°29'09"	1.310
20/12/2045 00:00:00	♀	17°43'30" ♄	-21°41'04"	00°34'52"	-00°19'37"	0.286
20/12/2045 00:00:00	♂	10°08'14" ♁	-02°15'17"	01°54'44"	00°30'24"	1.557
20/12/2045 00:00:00	♃	06°49'17" ♃	-10°03'19"	-01°07'47"	00°09'18"	5.260
20/12/2045 00:00:00	♁	15°55'30" ♀	-21°15'41"	01°26'16"	00°06'59"	10.979
20/12/2045 00:00:00	♁	01°33'33" ♃	11°37'56"	00°45'52"	-00°00'44"	17.874
20/12/2045 00:00:00	♃	14°38'25" ♄	14°30'04"	-01°48'21"	-00°01'06"	29.095
20/12/2045 00:00:00	♃	02°05'17" ♃	-21°33'05"	-11°37'54"	00°00'53"	40.902
20/12/2045 00:00:00	♁	14°41'52" ♃	-16°25'17"	00°00'00"	-00°06'24"	0.003
20/12/2045 00:00:00	♁	05°40'23" ♁	-05°30'20"	-03°32'35"	00°03'36"	8.569
20/12/2045 00:00:00	♁	03°41'47" ♃	-08°41'13"	01°34'10"	00°06'39"	0.003
20/12/2045 00:00:00	♁	14°41'52" ♃	-16°25'17"	00°00'00"	-00°06'24"	0.003
20/12/2045 00:00:00	♁	26°08'31" ♃	-11°50'18"	01°01'24"	-03°20'57"	0.003
20/12/2045 00:00:00	X	29°21'25" ♃	05°09'16"	-06°30'03"	-00°00'17"	92.916
20/12/2045 00:00:00	Y	14°50'04" ♃	11°16'40"	-11°21'44"	-00°00'38"	77.827
21/12/2045 00:00:00	♁	29°30'31" ♀	-23°26'02"	00°00'00"	01°01'04"	0.984
21/12/2045 00:00:00	♃	20°35'52" ♄	22°49'27"	05°06'58"	13°16'32"	0.003
21/12/2045 00:00:00	♆	15°02'09" ♀	-22°17'21"	00°18'29"	01°29'35"	1.322

Ephemerides year 2045

21/12/2045 00:00:00	♀	17°22'43" ♏	-21°28'54"	00°49'51"	-00°21'55"	0.283
21/12/2045 00:00:00	♂	10°38'35" ♐	-02°26'43"	01°55'13"	00°30'16"	1.547
21/12/2045 00:00:00	♃	06°58'39" ♏	-09°59'42"	-01°07'39"	00°09'25"	5.275
21/12/2045 00:00:00	♅	16°02'30" ♏	-21°16'26"	01°26'14"	00°06'58"	10.975
21/12/2045 00:00:00	♁	01°32'47" ♏	11°38'15"	00°45'54"	-00°00'47"	17.859
21/12/2045 00:00:00	♃	14°37'19" ♏	14°29'47"	-01°48'18"	-00°01'04"	29.107
21/12/2045 00:00:00	♁	02°06'11" ♏	-21°32'33"	-11°37'41"	00°00'54"	40.918
21/12/2045 00:00:00	♁	14°34'49" ♏	-16°27'20"	00°00'00"	-00°07'33"	0.003
21/12/2045 00:00:00	♁	05°43'56" ♐	-05°31'51"	-03°32'43"	00°03'30"	8.552
21/12/2045 00:00:00	♁	03°48'26" ♏	-08°38'02"	01°35'00"	00°06'39"	0.003
21/12/2045 00:00:00	♁	14°34'49" ♏	-16°27'20"	00°00'00"	-00°07'33"	0.003
21/12/2045 00:00:00	♁	22°38'34" ♏	-13°16'49"	00°43'24"	-03°33'58"	0.003
21/12/2045 00:00:00	X	29°21'08" ♏	05°09'15"	-06°29'58"	-00°00'17"	92.931
21/12/2045 00:00:00	Y	14°49'25" ♏	11°16'39"	-11°21'42"	-00°00'38"	77.830
22/12/2045 00:00:00	♁	00°31'35" ♏	-23°26'01"	00°00'00"	01°01'04"	0.984
22/12/2045 00:00:00	♁	04°04'22" ♏	25°43'10"	04°50'58"	13°40'16"	0.003
22/12/2045 00:00:00	♁	16°31'56" ♏	-22°34'11"	00°11'05"	01°29'59"	1.333
22/12/2045 00:00:00	♀	16°59'40" ♏	-21°16'42"	01°05'05"	-00°24'08"	0.280
22/12/2045 00:00:00	♂	11°08'47" ♐	-02°38'03"	01°55'42"	00°30'07"	1.538

Ephemerides year 2045

22/12/2045 00:00:00	♃	07°08'09" ♈	-09°56'02"	-01°07'30"	00°09'33"	5.289
22/12/2045 00:00:00	♅	16°09'28" ♊	-21°17'10"	01°26'13"	00°06'57"	10.971
22/12/2045 00:00:00	♆	01°31'58" ♏	11°38'35"	00°45'57"	-00°00'50"	17.843
22/12/2045 00:00:00	♇	14°36'15" ♍	14°29'31"	-01°48'15"	-00°01'03"	29.120
22/12/2045 00:00:00	♁	02°07'06" ♈	-21°32'01"	-11°37'28"	00°00'56"	40.934
22/12/2045 00:00:00	♄	14°27'03" ♉	-16°29'35"	00°00'00"	-00°07'49"	0.003
22/12/2045 00:00:00	♆	05°47'23" ♏	-05°33'20"	-03°32'50"	00°03'23"	8.535
22/12/2045 00:00:00	♁	03°55'05" ♈	-08°34'51"	01°35'51"	00°06'39"	0.003
22/12/2045 00:00:00	♄	14°27'03" ♉	-16°29'35"	00°00'00"	-00°07'49"	0.003
22/12/2045 00:00:00	♁	19°10'54" ♉	-14°39'48"	00°25'32"	-03°16'35"	0.003
22/12/2045 00:00:00	X	29°20'51" ♏	05°09'15"	-06°29'52"	-00°00'16"	92.946
22/12/2045 00:00:00	Y	14°48'47" ♏	11°16'38"	-11°21'39"	-00°00'38"	77.834
23/12/2045 00:00:00	♁	01°32'40" ♈	-23°25'33"	00°00'00"	01°01'05"	0.984
23/12/2045 00:00:00	♃	17°55'41" ♈	27°09'49" ♄	04°17'42"	14°01'45"	0.002
23/12/2045 00:00:00	♆	18°02'06" ♊	-22°50'01"	00°03'46"	01°30'20"	1.344
23/12/2045 00:00:00	♇	16°34'28" ♋	-21°04'30"	01°20'30"	-00°26'14"	0.277
23/12/2045 00:00:00	♁	11°38'50" ♈	-02°49'20"	01°56'12"	00°29'58"	1.528
23/12/2045 00:00:00	♃	07°17'46" ♈	-09°52'20"	-01°07'22"	00°09'41"	5.304
23/12/2045 00:00:00	♅	16°16'26" ♊	-21°17'54"	01°26'11"	00°06'56"	10.967

Ephemerides year 2045

23/12/2045 00:00:00	♃	01°31'06" ♃r	11°38'56"	00°45'59"	-00°00'53"	17.828
23/12/2045 00:00:00	♃	14°35'12" ♂r	14°29'15"	-01°48'12"	-00°01'01"	29.132
23/12/2045 00:00:00	♃	02°08'03" ♃	-21°31'28"	-11°37'16"	00°00'57"	40.949
23/12/2045 00:00:00	♃	14°19'29" ♃r	-16°31'47"	00°00'00"	-00°07'09"	0.003
23/12/2045 00:00:00	♃	05°50'44" ♃	-05°34'47"	-03°32'58"	00°03'17"	8.518
23/12/2045 00:00:00	♃	04°01'45" ♃	-08°31'39"	01°36'41"	00°06'39"	0.003
23/12/2045 00:00:00	T♃	14°19'29" ♃r	-16°31'47"	00°00'00"	-00°07'09"	0.003
23/12/2045 00:00:00	T♃	16°12'47" ♃r	-15°48'42"	00°10'12"	-02°37'24"	0.003
23/12/2045 00:00:00	X	29°20'35" ♃r	05°09'15"	-06°29'46"	-00°00'15"	92.961
23/12/2045 00:00:00	Y	14°48'09" ♃r	11°16'37"	-11°21'36"	-00°00'37"	77.839
24/12/2045 00:00:00	♃	02°33'46" ♃	-23°24'36"	00°00'00"	01°01'05"	0.984
24/12/2045 00:00:00	♃	02°06'29" ♃	26°53'00" ♃	03°27'56"	14°18'57"	0.002
24/12/2045 00:00:00	♃	19°32'38" ♃	-23°04'48"	-00°03'25"	01°30'41"	1.354
24/12/2045 00:00:00	♃	16°07'14" ♃r	-20°52'18"	01°36'05"	-00°28'12"	0.274
24/12/2045 00:00:00	♃	12°08'45" ♃	-03°00'32"	01°56'41"	00°29'49"	1.518
24/12/2045 00:00:00	♃	07°27'32" ♃	-09°48'34"	-01°07'14"	00°09'48"	5.318
24/12/2045 00:00:00	♃	16°23'22" ♃	-21°18'37"	01°26'10"	00°06'55"	10.962
24/12/2045 00:00:00	♃	01°30'11" ♃r	11°39'18"	00°46'02"	-00°00'56"	17.813
24/12/2045 00:00:00	♃	14°34'11" ♂r	14°29'00"	-01°48'09"	-00°01'00"	29.145

Ephemerides year 2045

24/12/2045 00:00:00	♁	02°09'01" ♋	-21°30'55"	-11°37'03"	00°00'58"	40.965
24/12/2045 00:00:00	♁	14°13'00" ♋	-16°33'40"	00°00'00"	-00°05'41"	0.003
24/12/2045 00:00:00	♁	05°53'58" ♋	-05°36'11"	-03°33'05"	00°03'10"	8.501
24/12/2045 00:00:00	♁	04°08'24" ♋	-08°28'28"	01°37'32"	00°06'39"	0.003
24/12/2045 00:00:00	♁	14°13'00" ♋	-16°33'40"	00°00'00"	-00°05'41"	0.003
24/12/2045 00:00:00	♁	13°57'10" ♋	-16°39'36"	-00°01'25"	-01°54'51"	0.003
24/12/2045 00:00:00	X	29°20'19" ♋	05°09'15"	-06°29'40"	-00°00'15"	92.976
24/12/2045 00:00:00	Y	14°47'31" ♋	11°16'36"	-11°21'33"	-00°00'37"	77.844
25/12/2045 00:00:00	♁	03°34'52" ♋	-23°23'11"	00°00'00"	01°01'06"	0.984
25/12/2045 00:00:00	♁	16°31'40" ♋	24°47'45" ♁	02°24'06"	14°30'22"	0.002
25/12/2045 00:00:00	♁	21°03'29" ♋	-23°18'30"	-00°10'31"	01°31'00"	1.363
25/12/2045 00:00:00	♁	15°38'07" ♋	-20°40'07"	01°51'45"	-00°30'00"	0.272
25/12/2045 00:00:00	♁	12°38'30" ♋	-03°11'38"	01°57'11"	00°29'40"	1.508
25/12/2045 00:00:00	♁	07°37'24" ♋	-09°44'45"	-01°07'06"	00°09'56"	5.332
25/12/2045 00:00:00	♁	16°30'17" ♋	-21°19'19"	01°26'09"	00°06'54"	10.957
25/12/2045 00:00:00	♁	01°29'12" ♋	11°39'41"	00°46'04"	-00°01'00"	17.799
25/12/2045 00:00:00	♁	14°33'12" ♋	14°28'46"	-01°48'06"	-00°00'58"	29.158
25/12/2045 00:00:00	♁	02°10'01" ♋	-21°30'22"	-11°36'51"	00°01'00"	40.980
25/12/2045 00:00:00	♁	14°08'17" ♋	-16°35'02"	00°00'00"	-00°03'41"	0.003

Ephemerides year 2045

25/12/2045 00:00:00	♁	05°57'06" ♁	-05°37'32"	-03°33'13"	00°03'04"	8.484
25/12/2045 00:00:00	♁	04°15'03" ♁	-08°25'17"	01°38'22"	00°06'39"	0.003
25/12/2045 00:00:00	♁	14°08'17" ♁	-16°35'02"	00°00'00"	-00°03'41"	0.003
25/12/2045 00:00:00	♁	12°18'20" ♁	-17°15'52"	-00°09'56"	-01°26'11"	0.003
25/12/2045 00:00:00	X	29°20'04" ♁	05°09'15"	-06°29'34"	-00°00'14"	92.991
25/12/2045 00:00:00	Y	14°46'53" ♁	11°16'35"	-11°21'29"	-00°00'37"	77.848
26/12/2045 00:00:00	♁	04°35'58" ♁	-23°21'18"	-00°00'00"	01°01'06"	0.984
26/12/2045 00:00:00	♁	01°05'05" ♁	21°03'15"	01°10'10"	14°35'23"	0.002
26/12/2045 00:00:00	♁	22°34'39" ♁	-23°31'06"	00°17'30"	01°31'19"	1.372
26/12/2045 00:00:00	♁	15°07'17" ♁	-20°28'00"	02°07'27"	-00°31'37"	0.270
26/12/2045 00:00:00	♁	13°08'06" ♁	-03°22'41"	01°57'40"	00°29'31"	1.498
26/12/2045 00:00:00	♁	07°47'24" ♁	-09°40'54"	-01°06'58"	00°10'03"	5.346
26/12/2045 00:00:00	♁	16°37'11" ♁	-21°20'01"	01°26'08"	00°06'53"	10.952
26/12/2045 00:00:00	♁	01°28'11" ♁	11°40'05"	00°46'07"	-00°01'03"	17.784
26/12/2045 00:00:00	♁	14°32'15" ♁	14°28'32"	-01°48'03"	-00°00'56"	29.172
26/12/2045 00:00:00	♁	02°11'01" ♁	-21°29'48"	-11°36'39"	00°01'01"	40.995
26/12/2045 00:00:00	♁	14°05'38" ♁	-16°35'48"	00°00'00"	-00°01'36"	0.003
26/12/2045 00:00:00	♁	06°00'07" ♁	-05°38'51"	-03°33'21"	00°02'57"	8.467
26/12/2045 00:00:00	♁	04°21'43" ♁	-08°22'05"	01°39'12"	00°06'39"	0.003

Ephemerides year 2045

26/12/2045 00:00:00	T♄	14°05'38" ♊	-16°35'48"	00°00'00"	-00°01'36"	0.003
26/12/2045 00:00:00	T♄	10°57'09" ♊	-17°45'13"	-00°17'05"	-01°19'58"	0.003
26/12/2045 00:00:00	X	29°19'50" ♏	05°09'16"	-06°29'28"	-00°00'14"	93.007
26/12/2045 00:00:00	Y	14°46'16" ♏	11°16'35"	-11°21'26"	-00°00'37"	77.854
27/12/2045 00:00:00	☉	05°37'04" ♏	-23°18'56"	-00°00'00"	01°01'06"	0.983
27/12/2045 00:00:00	☾	15°40'26" ♏	15°59'47"	-00°08'40"	14°34'20"	0.002
27/12/2045 00:00:00	☿	24°06'07" ♏	-23°42'32"	0-00°24'21"	01°31'37"	1.380
27/12/2045 00:00:00	♀	14°34'56" ♏	-20°15'55"	02°23'08"	-00°33'02"	0.269
27/12/2045 00:00:00	♂	13°37'32" ♏	-03°33'38"	01°58'10"	00°29'21"	1.488
27/12/2045 00:00:00	♃	07°57'31" ♏	-09°37'00"	-01°06'50"	00°10'10"	5.360
27/12/2045 00:00:00	♅	16°44'03" ♏	-21°20'43"	01°26'08"	00°06'51"	10.947
27/12/2045 00:00:00	♁	01°27'06" ♏	11°40'31"	00°46'09"	-00°01'06"	17.770
27/12/2045 00:00:00	♆	14°31'19" ♏	14°28'18"	-01°48'00"	-00°00'55"	29.185
27/12/2045 00:00:00	♁	02°12'03" ♏	-21°29'14"	-11°36'27"	00°01'02"	41.010
27/12/2045 00:00:00	♁	14°04'58" ♏	-16°35'59"	00°00'00"	00°00'10"	0.003
27/12/2045 00:00:00	♁	06°03'01" ♏	-05°40'07"	-03°33'28"	00°02'50"	8.450
27/12/2045 00:00:00	♁	04°28'22" ♏	-08°18'54"	01°40'03"	00°06'39"	0.003
27/12/2045 00:00:00	T♄	14°04'58" ♏	-16°35'59"	00°00'00"	00°00'10"	0.003
27/12/2045 00:00:00	T♄	09°32'01" ♏	-18°15'37"	-00°24'46"	-01°32'18"	0.003

Ephemerides year 2045

27/12/2045 00:00:00	X	29°19'36" ♄	05°09'17"	-06°29'22"	-00°00'13"	93.022
27/12/2045 00:00:00	Y	14°45'39" ♀	11°16'35"	-11°21'22"	-00°00'37"	77.859
28/12/2045 00:00:00		06°38'12" ♃	-23°16'07"	-00°00'00"	01°01'07"	0.983
28/12/2045 00:00:00		00°12'07" ♃	10°02'42"	-01°26'45"	14°28'17"	0.002
28/12/2045 00:00:00		25°37'54" ♀	-23°52'49"	-00°31'03"	01°31'55"	1.387
28/12/2045 00:00:00		14°01'17" ♃	-20°03'57"	02°38'43"	-00°34'14"	0.267
28/12/2045 00:00:00		14°06'49" ♃	-03°44'30"	01°58'39"	00°29'11"	1.479
28/12/2045 00:00:00		08°07'46" ♃	-09°33'03"	-01°06'42"	00°10'17"	5.374
28/12/2045 00:00:00		16°50'54" ♀	-21°21'23"	01°26'07"	00°06'50"	10.941
28/12/2045 00:00:00		01°25'58" ♃	11°40'57"	00°46'11"	-00°01'09"	17.755
28/12/2045 00:00:00		14°30'24" ♃	14°28'05"	-01°47'57"	-00°00'53"	29.199
28/12/2045 00:00:00		02°13'06" ♃	-21°28'40"	-11°36'15"	00°01'03"	41.025
28/12/2045 00:00:00		14°05'45" ♃	-16°35'46"	00°00'00"	00°01'16"	0.003
28/12/2045 00:00:00		06°05'48" ♃	-05°41'21"	-03°33'36"	00°02'43"	8.433
28/12/2045 00:00:00		04°35'01" ♃	-08°15'42"	01°40'53"	00°06'39"	0.003
28/12/2045 00:00:00	TΩ	14°05'45" ♃	-16°35'46"	00°00'00"	00°01'16"	0.003
28/12/2045 00:00:00	T♃	07°52'15" ♃	-18°50'37"	-00°33'55"	-01°45'08"	0.003
28/12/2045 00:00:00	X	29°19'23" ♄	05°09'18"	-06°29'16"	-00°00'12"	93.038
28/12/2045 00:00:00	Y	14°45'02" ♀	11°16'35"	-11°21'19"	-00°00'36"	77.865

Ephemerides year 2045

29/12/2045 00:00:00	☉	07°39'19" ♏	-23°12'50"	-00°00'00"	01°01'07"	0.983
29/12/2045 00:00:00	☾	14°35'49" ♍	03°37'20"	-02°38'42"	14°18'38"	0.002
29/12/2045 00:00:00	♀	27°09'59" ♏	-24°01'53"	0-00°37'37"	01°32'13"	1.394
29/12/2045 00:00:00	♀	13°26'32" ♏	-19°52'05"	02°54'08"	-00°35'12"	0.266
29/12/2045 00:00:00	♂	14°35'56" ♎	-03°55'16"	01°59'09"	00°29'01"	1.469
29/12/2045 00:00:00	♃	08°18'07" ♏	-09°29'03"	-01°06'34"	00°10'24"	5.388
29/12/2045 00:00:00	♄	16°57'43" ♏	-21°22'04"	01°26'06"	00°06'48"	10.935
29/12/2045 00:00:00	♅	01°24'47" ♍	11°41'25"	00°46'14"	-00°01'12"	17.741
29/12/2045 00:00:00	♆	14°29'32" ♏	14°27'53"	-01°47'54"	-00°00'51"	29.213
29/12/2045 00:00:00	♇	02°14'11" ♏	-21°28'05"	-11°36'03"	00°01'04"	41.039
29/12/2045 00:00:00	♈	14°07'14" ♏	-16°35'20"	00°00'00"	00°01'31"	0.003
29/12/2045 00:00:00	♉	06°08'28" ♎	-05°42'32"	-03°33'44"	00°02'36"	8.416
29/12/2045 00:00:00	♊	04°41'40" ♏	-08°12'30"	01°41'43"	00°06'39"	0.003
29/12/2045 00:00:00	♋	14°07'14" ♏	-16°35'20"	00°00'00"	00°01'31"	0.003
29/12/2045 00:00:00	♌	06°10'54" ♏	-19°25'19"	-00°43'14"	-01°30'46"	0.003
29/12/2045 00:00:00	X	29°19'10" ♏	05°09'20"	-06°29'09"	-00°00'12"	93.053
29/12/2045 00:00:00	Y	14°44'25" ♏	11°16'35"	-11°21'15"	-00°00'36"	77.871
30/12/2045 00:00:00	☉	08°40'27" ♏	-23°09'04"	-00°00'00"	01°01'08"	0.983
30/12/2045 00:00:00	☾	28°48'41" ♍	-02°53'26"	-03°39'57"	14°06'49"	0.002

Ephemerides year 2045

30/12/2045 00:00:00	♀	28°42'21" ♄	-24°09'44"	o-00°44'01"	01°32'31"	1.401
30/12/2045 00:00:00	♀	12°50'56" ♄	-19°40'22"	03°09'21"	-00°35'56"	0.266
30/12/2045 00:00:00	♂	15°04'52" ♄	-04°05'58"	01°59'39"	00°28'51"	1.459
30/12/2045 00:00:00	♃	08°28'35" ♃	-09°25'01"	-01°06'27"	00°10'31"	5.402
30/12/2045 00:00:00	♃	17°04'31" ♄	-21°22'43"	01°26'06"	00°06'46"	10.929
30/12/2045 00:00:00	♃	01°23'33" ♄	11°41'53"	00°46'16"	-00°01'15"	17.727
30/12/2045 00:00:00	♃	14°28'41" ♄	14°27'41"	-01°47'51"	-00°00'49"	29.227
30/12/2045 00:00:00	♃	02°15'16" ♃	-21°27'30"	-11°35'52"	00°01'06"	41.054
30/12/2045 00:00:00	♃	14°08'31" ♃	-16°34'58"	00°00'00"	00°00'55"	0.003
30/12/2045 00:00:00	♃	06°11'02" ♄	-05°43'40"	-03°33'52"	00°02'30"	8.399
30/12/2045 00:00:00	♃	04°48'20" ♃	-08°09'19"	01°42'33"	00°06'39"	0.003
30/12/2045 00:00:00	T♃	14°08'31" ♃	-16°34'58"	00°00'00"	00°00'55"	0.003
30/12/2045 00:00:00	T♃	05°06'46" ♃	-19°46'50"	-00°49'09"	-00°29'08"	0.003
30/12/2045 00:00:00	X	29°18'58" ♄	05°09'21"	-06°29'03"	-00°00'11"	93.069
30/12/2045 00:00:00	Y	14°43'49" ♄	11°16'35"	-11°21'11"	-00°00'36"	77.878
31/12/2045 00:00:00	♃	09°41'36" ♄	-23°04'51"	-00°00'00"	01°01'08"	0.983
31/12/2045 00:00:00	♃	12°49'08" ♄	-09°09'35"	-04°27'06"	13°53'57"	0.002
31/12/2045 00:00:00	♀	00°15'02" ♄	-24°16'20"	o-00°50'14"	01°32'50"	1.406
31/12/2045 00:00:00	♀	12°14'44" ♄	-19°28'50"	03°24'15"	-00°36'25"	0.265

Ephemerides year 2045

31/12/2045 00:00:00	♂	15°33'38" ♈	-04°16'34"	02°00'08"	00°28'40"	1.449
31/12/2045 00:00:00	♃	08°39'10" ♉	-09°20'56"	-01°06'19"	00°10'38"	5.415
31/12/2045 00:00:00	♅	17°11'17" ♋	-21°23'22"	01°26'05"	00°06'45"	10.923
31/12/2045 00:00:00	♁	01°22'16" ♌	11°42'23"	00°46'18"	-00°01'18"	17.714
31/12/2045 00:00:00	♆	14°27'52" ♍	14°27'30"	-01°47'48"	-00°00'48"	29.241
31/12/2045 00:00:00	♁	02°16'23" ♎	-21°26'55"	-11°35'41"	00°01'07"	41.068
31/12/2045 00:00:00	♄	14°08'51" ♏	-16°34'52"	00°00'00"	-00°00'20"	0.003
31/12/2045 00:00:00	♅	06°13'28" ♐	-05°44'45"	-03°34'00"	00°02'23"	8.382
31/12/2045 00:00:00	♁	04°54'59" ♑	-08°06'07"	01°43'23"	00°06'39"	0.003
31/12/2045 00:00:00	♄	14°08'51" ♒	-16°34'52"	00°00'00"	-00°00'20"	0.003
31/12/2045 00:00:00	♁	05°26'52" ♓	-19°40'13"	-00°47'23"	01°14'25"	0.003
31/12/2045 00:00:00	X	29°18'47" ♈	05°09'23"	-06°28'57"	-00°00'11"	93.085
31/12/2045 00:00:00	Y	14°43'13" ♉	11°16'35"	-11°21'07"	-00°00'35"	77.884