

Ephemerides year 2050

# Ephemeris Tables for the year 2050

## Tropical Zodiac

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

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## 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

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Date	Time	Planet	Longitude	Declination	Latitude	Speed	Radius
01/01/2050	00:00:00	♁	10°44'54" ♁	-22°59'46"	00°00'00"	01°01'08"	0.983
01/01/2050	00:00:00	♃	18°40'37" ♃	10°27'02"	03°23'28"	13°29'39"	0.003
01/01/2050	00:00:00	♁	00°03'33" ♁	-20°17'43"	03°08'08"	-00°57'25"	0.701
01/01/2050	00:00:00	♂	11°14'53" ♁	-23°33'32"	0-00°36'21"	01°15'30"	1.711
01/01/2050	00:00:00	♂	17°42'53" ♃	-16°21'59"	00°46'21"	00°38'07"	2.012
01/01/2050	00:00:00	♃	01°41'29" ♃	20°13'23"	00°27'29"	-00°07'05"	4.311
01/01/2050	00:00:00	♁	27°34'27" ♁	-20°50'19"	-00°12'12"	00°06'56"	10.922
01/01/2050	00:00:00	♃	20°43'57" ♃	04°23'41"	00°47'12"	-00°00'21"	17.924
01/01/2050	00:00:00	♁	23°36'12" ♃	16°57'35"	-01°45'46"	-00°01'01"	29.140
01/01/2050	00:00:00	♁	07°31'58" ♃	-20°28'37"	-12°41'28"	00°01'00"	41.951
01/01/2050	00:00:00	♃	29°30'00" ♃	-20°02'13"	00°00'00"	00°00'49"	0.002
01/01/2050	00:00:00	♁	06°35'15" ♃	-17°55'40"	03°31'27"	00°06'49"	10.341
01/01/2050	00:00:00	♁	17°49'18" ♃	10°39'28"	-05°03'54"	00°06'43"	0.003
01/01/2050	00:00:00	T♃	29°30'00" ♃	-20°02'13"	00°00'00"	00°00'49"	0.002
01/01/2050	00:00:00	T♁	19°40'18" ♁	18°02'54"	-03°58'55"	01°15'44"	0.003
01/01/2050	00:00:00	X	00°15'59" ♃	06°16'59"	-05°37'48"	-00°00'11"	92.573
01/01/2050	00:00:00	Y	17°37'42" ♃	11°45'32"	-11°08'29"	-00°00'36"	77.250

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02/01/2050 00:00:00	☉	11°46'03" ♍	-22°54'37"	00°00'00"	01°01'08"	0.983
02/01/2050 00:00:00	☾	02°00'26" ♋	14°24'54"	02°23'47"	13°10'22"	0.003
02/01/2050 00:00:00	♃	29°10'57" ♏	-20°14'39"	03°11'04"	-00°47'40"	0.714
02/01/2050 00:00:00	♂	12°30'23" ♍	-23°28'57"	00°38'31"	01°15'29"	1.711
02/01/2050 00:00:00	♂	18°21'00" ♎	-16°32'59"	00°45'54"	00°38'07"	2.004
02/01/2050 00:00:00	♃	01°34'20" ♏	20°15'08"	00°27'38"	-00°07'11"	4.306
02/01/2050 00:00:00	♃	27°41'24" ♍	-20°49'01"	-00°12'16"	00°06'57"	10.927
02/01/2050 00:00:00	♃	20°43'34" ♎	04°23'53"	00°47'14"	-00°00'24"	17.908
02/01/2050 00:00:00	♃	23°35'11" ♋	16°57'23"	-01°45'43"	-00°01'00"	29.152
02/01/2050 00:00:00	♃	07°33'00" ♏	-20°28'01"	-12°41'15"	00°01'01"	41.966
02/01/2050 00:00:00	♃	29°31'13" ♎	-20°02'28"	00°00'00"	00°01'30"	0.002
02/01/2050 00:00:00	♃	06°42'04" ♏	-17°56'23"	03°31'51"	00°06'46"	10.333
02/01/2050 00:00:00	♃	17°56'01" ♏	10°37'19"	-05°04'03"	00°06'43"	0.003
02/01/2050 00:00:00	♃	29°31'13" ♎	-20°02'28"	00°00'00"	00°01'30"	0.002
02/01/2050 00:00:00	♃	21°43'34" ♋	17°38'03"	-04°05'40"	02°48'54"	0.003
02/01/2050 00:00:00	X	00°15'48" ♋	06°17'00"	-05°37'42"	-00°00'10"	92.589
02/01/2050 00:00:00	Y	17°37'05" ♎	11°45'33"	-11°08'25"	-00°00'36"	77.257
03/01/2050 00:00:00	☉	12°47'11" ♍	-22°49'00"	00°00'00"	01°01'08"	0.983
03/01/2050 00:00:00	☾	15°02'14" ♋	17°34'58"	01°17'54"	12°53'40"	0.003

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03/01/2050 00:00:00	♀	28°28'23" ♏r	-20°13'31"	03°11'50"	-00°37'25"	0.729
03/01/2050 00:00:00	♀	13°45'52" ♏	-23°23'38"	-00°40'39"	01°15'29"	1.711
03/01/2050 00:00:00	♂	18°59'07" ♎	-16°43'52"	00°45'27"	00°38'06"	1.995
03/01/2050 00:00:00	♃	01°27'06" ♏r	20°16'54"	00°27'48"	-00°07'17"	4.301
03/01/2050 00:00:00	♃	27°48'22" ♏	-20°47'42"	-00°12'20"	00°06'58"	10.931
03/01/2050 00:00:00	♃	20°43'07" ♎r	04°24'05"	00°47'17"	-00°00'27"	17.892
03/01/2050 00:00:00	♃	23°34'12" ♏r	16°57'11"	-01°45'40"	-00°00'58"	29.166
03/01/2050 00:00:00	♃	07°34'02" ♏	-20°27'25"	-12°41'02"	00°01'03"	41.981
03/01/2050 00:00:00	♏	29°32'42" ♎	-20°02'47"	00°00'00"	00°01'18"	0.002
03/01/2050 00:00:00	♃	06°48'49" ♏	-17°57'06"	03°32'16"	00°06'44"	10.324
03/01/2050 00:00:00	♃	18°02'44" ♏	10°35'10"	-05°04'12"	00°06'43"	0.003
03/01/2050 00:00:00	T♏	29°32'42" ♎	-20°02'47"	00°00'00"	00°01'18"	0.002
03/01/2050 00:00:00	T♃	25°11'55" ♏	16°53'04"	-04°16'21"	04°03'42"	0.003
03/01/2050 00:00:00	X	00°15'38" ♏r	06°17'02"	-05°37'37"	-00°00'09"	92.606
03/01/2050 00:00:00	Y	17°36'29" ♎r	11°45'34"	-11°08'20"	-00°00'35"	77.263
04/01/2050 00:00:00	♃	13°48'20" ♏	-22°42'56"	00°00'00"	01°01'08"	0.983
04/01/2050 00:00:00	♃	27°48'40" ♏	19°49'09"	00°09'28"	12°39'40"	0.003
04/01/2050 00:00:00	♀	27°56'09" ♏r	-20°14'14"	03°10'41"	-00°27'04"	0.745
04/01/2050 00:00:00	♀	15°01'22" ♏	-23°17'36"	-00°42'46"	01°15'29"	1.710

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04/01/2050 00:00:00	♂	19°37'14" ♎	-16°54'38"	00°44'59"	00°38'06"	1.986
04/01/2050 00:00:00	♃	01°19'45" ♏	20°18'41"	00°27'58"	-00°07'22"	4.296
04/01/2050 00:00:00	♅	27°55'22" ♎	-20°46'22"	-00°12'25"	00°06'59"	10.935
04/01/2050 00:00:00	♁	20°42'38" ♏	04°24'19"	00°47'19"	-00°00'31"	17.876
04/01/2050 00:00:00	♃	23°33'14" ♏	16°57'00"	-01°45'37"	-00°00'56"	29.179
04/01/2050 00:00:00	♁	07°35'06" ♏	-20°26'49"	-12°40'49"	00°01'04"	41.995
04/01/2050 00:00:00	♏	29°33'32" ♎	-20°02'58"	00°00'00"	00°00'13"	0.002
04/01/2050 00:00:00	♃	06°55'32" ♏	-17°57'47"	03°32'41"	00°06'41"	10.316
04/01/2050 00:00:00	♁	18°09'28" ♏	10°33'00"	-05°04'21"	00°06'43"	0.003
04/01/2050 00:00:00	T♏	29°33'32" ♎	-20°02'58"	00°00'00"	00°00'13"	0.002
04/01/2050 00:00:00	T♁	29°41'26" ♏	15°49'37"	-04°28'44"	04°49'58"	0.003
04/01/2050 00:00:00	X	00°15'29" ♏	06°17'04"	-05°37'31"	-00°00'08"	92.622
04/01/2050 00:00:00	Y	17°35'53" ♏	11°45'36"	-11°08'16"	-00°00'35"	77.270
05/01/2050 00:00:00	♁	14°49'28" ♎	-22°36'26"	-00°00'00"	01°01'08"	0.983
05/01/2050 00:00:00	♃	10°22'22" ♏	21°02'11"	-00°58'10"	12°28'06"	0.003
05/01/2050 00:00:00	♁	27°34'10" ♏	-20°16'43"	03°07'50"	-00°16'55"	0.762
05/01/2050 00:00:00	♀	16°16'51" ♎	-23°10'51"	-00°44'50"	01°15'28"	1.710
05/01/2050 00:00:00	♂	20°15'20" ♎	-17°05'17"	00°44'31"	00°38'06"	1.978
05/01/2050 00:00:00	♃	01°12'20" ♏	20°20'28"	00°28'08"	-00°07'27"	4.292

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05/01/2050 00:00:00	♄	28°02'22" ♍	-20°45'02"	-00°12'29"	00°07'01"	10.939
05/01/2050 00:00:00	♅	20°42'05" ♎	04°24'34"	00°47'22"	-00°00'34"	17.860
05/01/2050 00:00:00	♆	23°32'18" ♏	16°56'49"	-01°45'34"	-00°00'54"	29.192
05/01/2050 00:00:00	♁	07°36'11" ♐	-20°26'12"	-12°40'37"	00°01'05"	42.009
05/01/2050 00:00:00	♂	29°32'53" ♑	-20°02'50"	00°00'00"	-00°01'36"	0.003
05/01/2050 00:00:00	♆	07°02'12" ♒	-17°58'27"	03°33'06"	00°06'38"	10.307
05/01/2050 00:00:00	♁	18°16'11" ♓	10°30'50"	-05°04'30"	00°06'43"	0.003
05/01/2050 00:00:00	T♂	29°32'53" ♑	-20°02'50"	00°00'00"	-00°01'36"	0.003
05/01/2050 00:00:00	T♁	04°40'37" ♓	14°32'44"	-04°40'28"	05°02'40"	0.003
05/01/2050 00:00:00	X	00°15'20" ♏	06°17'07"	-05°37'25"	-00°00'08"	92.638
05/01/2050 00:00:00	Y	17°35'18" ♐	11°45'37"	-11°08'12"	-00°00'35"	77.278
06/01/2050 00:00:00	♁	15°50'36" ♍	-22°29'28"	-00°00'00"	01°01'07"	0.983
06/01/2050 00:00:00	♂	22°45'34" ♎	21°12'12"	-02°01'58"	12°18'35"	0.003
06/01/2050 00:00:00	♆	27°22'08" ♏	-20°20'46"	03°03'33"	-00°07'13"	0.781
06/01/2050 00:00:00	♁	17°32'20" ♍	-23°03'23"	-00°46'52"	01°15'28"	1.710
06/01/2050 00:00:00	♂	20°53'26" ♎	-17°15'49"	00°44'03"	00°38'05"	1.969
06/01/2050 00:00:00	♁	01°04'50" ♏	20°22'16"	00°28'17"	-00°07'32"	4.288
06/01/2050 00:00:00	♄	28°09'24" ♍	-20°43'42"	-00°12'33"	00°07'02"	10.943
06/01/2050 00:00:00	♅	20°41'29" ♎	04°24'51"	00°47'24"	-00°00'37"	17.844

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06/01/2050 00:00:00	♁	23°31'24"	♄	16°56'39"	-01°45'30"	-00°00'53"	29.206
06/01/2050 00:00:00	♁	07°37'18"	♃	-20°25'36"	-12°40'24"	00°01'06"	42.023
06/01/2050 00:00:00	♁	29°30'09"	♄	-20°02'15"	00°00'00"	-00°03'54"	0.003
06/01/2050 00:00:00	♁	07°08'48"	♂	-17°59'07"	03°33'31"	00°06'35"	10.299
06/01/2050 00:00:00	♁	18°22'54"	♁	10°28'41"	-05°04'39"	00°06'43"	0.003
06/01/2050 00:00:00	T♁	29°30'09"	♄	-20°02'15"	00°00'00"	-00°03'54"	0.003
06/01/2050 00:00:00	T♁	09°35'48"	♁	13°10'54"	-04°49'52"	04°42'43"	0.003
06/01/2050 00:00:00	X	00°15'12"	♄	06°17'09"	-05°37'19"	-00°00'07"	92.655
06/01/2050 00:00:00	Y	17°34'43"	♃	11°45'39"	-11°08'07"	-00°00'34"	77.285
07/01/2050 00:00:00	♁	16°51'44"	♁	-22°22'04"	-00°00'00"	01°01'07"	0.983
07/01/2050 00:00:00	♁	05°00'05"	♁	20°21'08"	-02°59'11"	12°10'39"	0.003
07/01/2050 00:00:00	♁	27°19'32"	♂	-20°26'13"	02°58'03"	00°01'54"	0.800
07/01/2050 00:00:00	♁	18°47'48"	♁	-22°55'13"	-00°48'53"	01°15'28"	1.710
07/01/2050 00:00:00	♁	21°31'32"	♄	-17°26'13"	00°43'34"	00°38'05"	1.961
07/01/2050 00:00:00	♁	00°57'15"	♄	20°24'05"	00°28'26"	-00°07'37"	4.284
07/01/2050 00:00:00	♁	28°16'26"	♁	-20°42'21"	-00°12'37"	00°07'02"	10.946
07/01/2050 00:00:00	♁	20°40'50"	♄	04°25'08"	00°47'27"	-00°00'40"	17.829
07/01/2050 00:00:00	♁	23°30'32"	♄	16°56'29"	-01°45'27"	-00°00'51"	29.220
07/01/2050 00:00:00	♁	07°38'25"	♃	-20°24'59"	-12°40'12"	00°01'07"	42.037



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07/01/2050 00:00:00	♏	29°25'03"	♍	-20°01'09"	00°00'00"	-00°06'17"	0.003
07/01/2050 00:00:00	♋	07°15'22"	♈	-17°59'45"	03°33'57"	00°06'31"	10.289
07/01/2050 00:00:00	♌	18°29'38"	♏	10°26'31"	-05°04'47"	00°06'43"	0.003
07/01/2050 00:00:00	T♏	29°25'03"	♍	-20°01'09"	00°00'00"	-00°06'17"	0.003
07/01/2050 00:00:00	T♌	13°57'59"	♏	11°53'47"	-04°56'20"	03°58'46"	0.003
07/01/2050 00:00:00	X	00°15'05"	♄	06°17'12"	-05°37'14"	-00°00'06"	92.671
07/01/2050 00:00:00	Y	17°34'09"	♄	11°45'41"	-11°08'02"	-00°00'34"	77.293
08/01/2050 00:00:00	☉	17°52'52"	♌	-22°14'14"	-00°00'00"	01°01'07"	0.983
08/01/2050 00:00:00	☾	17°07'19"	♍	18°34'20"	-03°47'32"	12°04'00"	0.003
08/01/2050 00:00:00	♀	27°25'43"	♈	-20°32'51"	02°51'33"	00°10'22"	0.820
08/01/2050 00:00:00	♀	20°03'16"	♌	-22°46'20"	-00°50'51"	01°15'27"	1.709
08/01/2050 00:00:00	♂	22°09'38"	♍	-17°36'30"	00°43'05"	00°38'05"	1.952
08/01/2050 00:00:00	♃	00°49'35"	♏	20°25'54"	00°28'36"	-00°07'41"	4.281
08/01/2050 00:00:00	♅	28°23'29"	♌	-20°41'00"	-00°12'41"	00°07'03"	10.949
08/01/2050 00:00:00	♁	20°40'07"	♍	04°25'27"	00°47'29"	-00°00'44"	17.813
08/01/2050 00:00:00	♆	23°29'41"	♄	16°56'20"	-01°45'24"	-00°00'49"	29.234
08/01/2050 00:00:00	♁	07°39'34"	♈	-20°24'21"	-12°40'00"	00°01'09"	42.051
08/01/2050 00:00:00	♏	29°17'39"	♍	-19°59'33"	00°00'00"	-00°08'25"	0.003
08/01/2050 00:00:00	♋	07°21'52"	♈	-18°00'22"	03°34'23"	00°06'28"	10.280

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08/01/2050 00:00:00	☾	18°36'21" ♀	10°24'21"	-05°04'56"	00°06'43"	0.003
08/01/2050 00:00:00	♁	29°17'39" ♀	-19°59'33"	00°00'00"	-00°08'25"	0.003
08/01/2050 00:00:00	♁	17°30'32" ♀	10°48'34"	-05°00'13"	03°06'21"	0.003
08/01/2050 00:00:00	X	00°14'58" ♂	06°17'16"	-05°37'08"	-00°00'06"	92.688
08/01/2050 00:00:00	Y	17°33'35" ♀	11°45'43"	-11°07'57"	-00°00'33"	77.301
09/01/2050 00:00:00	☉	18°53'59" ♂	-22°05'57"	-00°00'00"	01°01'07"	0.983
09/01/2050 00:00:00	☽	29°08'29" ♀	15°59'43"	-04°25'14"	11°58'32"	0.003
09/01/2050 00:00:00	♁	27°40'02" ♂	-20°40'25"	02°44'14"	00°18'08"	0.840
09/01/2050 00:00:00	♀	21°18'44" ♂	-22°36'45"	-00°52'47"	01°15'27"	1.709
09/01/2050 00:00:00	♂	22°47'43" ♀	-17°46'40"	00°42'35"	00°38'05"	1.943
09/01/2050 00:00:00	♃	00°41'52" ♀	20°27'43"	00°28'45"	-00°07'45"	4.278
09/01/2050 00:00:00	♄	28°30'34" ♂	-20°39'38"	-00°12'45"	00°07'04"	10.952
09/01/2050 00:00:00	♅	20°39'22" ♀	04°25'48"	00°47'31"	-00°00'47"	17.798
09/01/2050 00:00:00	♆	23°28'52" ♂	16°56'11"	-01°45'21"	-00°00'47"	29.248
09/01/2050 00:00:00	♁	07°40'43" ♀	-20°23'44"	-12°39'48"	00°01'10"	42.064
09/01/2050 00:00:00	♁	29°08'25" ♀	-19°57'33"	00°00'00"	-00°09'55"	0.003
09/01/2050 00:00:00	♂	07°28'19" ♂	-18°00'58"	03°34'49"	00°06'25"	10.271
09/01/2050 00:00:00	☾	18°43'05" ♀	10°22'11"	-05°05'04"	00°06'43"	0.003
09/01/2050 00:00:00	♁	29°08'25" ♀	-19°57'33"	00°00'00"	-00°09'55"	0.003

Ephemerides year 2050

09/01/2050 00:00:00	T♄	20°13'19" ♈	09°57'09"	-05°02'23"	02°21'31"	0.003
09/01/2050 00:00:00	X	00°14'52" ♉	06°17'19"	-05°37'02"	-00°00'05"	92.704
09/01/2050 00:00:00	Y	17°33'01" ♊	11°45'45"	-11°07'52"	-00°00'33"	77.309
10/01/2050 00:00:00	☉	19°55'07" ♌	-21°57'14"	-00°00'00"	01°01'07"	0.983
10/01/2050 00:00:00	☾	11°04'49" ♈	12°46'26"	-04°50'57"	11°54'20"	0.003
10/01/2050 00:00:00	♀	28°01'47" ♌	-20°48'45"	02°36'15"	00°25'13"	0.860
10/01/2050 00:00:00	♀	22°34'11" ♌	-22°26'30"	-00°54'41"	01°15'27"	1.709
10/01/2050 00:00:00	♂	23°25'48" ♍	-17°56'42"	00°42'05"	00°38'04"	1.935
10/01/2050 00:00:00	♃	00°34'05" ♈	20°29'33"	00°28'54"	-00°07'48"	4.275
10/01/2050 00:00:00	♅	28°37'38" ♌	-20°38'15"	-00°12'49"	00°07'05"	10.955
10/01/2050 00:00:00	♁	20°38'33" ♉	04°26'09"	00°47'34"	-00°00'50"	17.783
10/01/2050 00:00:00	♃	23°28'05" ♉	16°56'02"	-01°45'18"	-00°00'46"	29.262
10/01/2050 00:00:00	♁	07°41'54" ♉	-20°23'06"	-12°39'37"	00°01'11"	42.078
10/01/2050 00:00:00	♁	28°58'05" ♉	-19°55'18"	00°00'00"	-00°10'35"	0.003
10/01/2050 00:00:00	♁	07°34'43" ♌	-18°01'33"	03°35'16"	00°06'21"	10.261
10/01/2050 00:00:00	♁	18°49'48" ♈	10°20'02"	-05°05'12"	00°06'43"	0.003
10/01/2050 00:00:00	T♁	28°58'05" ♉	-19°55'18"	00°00'00"	-00°10'35"	0.003
10/01/2050 00:00:00	T♄	22°19'07" ♈	09°16'34"	-05°03'36"	01°52'58"	0.003
10/01/2050 00:00:00	X	00°14'47" ♉	06°17'23"	-05°36'56"	-00°00'05"	92.721

Ephemerides year 2050

10/01/2050 00:00:00	Y	17°32'27" ♀	11°45'47"	-11°07'47"	-00°00'33"	77.318
11/01/2050 00:00:00	☉	20°56'14" ♀	-21°48'06"	-00°00'00"	01°01'07"	0.983
11/01/2050 00:00:00	☾	22°57'44" ♀	09°03'59"	-05°03'53"	11°51'49"	0.003
11/01/2050 00:00:00	♁	28°30'16" ♂	-20°57'36"	02°27'45"	00°31'38"	0.881
11/01/2050 00:00:00	♂	23°49'39" ♀	-22°15'33"	-00°56'32"	01°15'27"	1.708
11/01/2050 00:00:00	♂	24°03'52" ♀	-18°06'36"	00°41'35"	00°38'04"	1.926
11/01/2050 00:00:00	♃	00°26'15" ♀	20°31'23"	00°29'03"	-00°07'51"	4.272
11/01/2050 00:00:00	♄	28°44'44" ♀	-20°36'53"	-00°12'53"	00°07'05"	10.957
11/01/2050 00:00:00	♅	20°37'40" ♀	04°26'32"	00°47'36"	-00°00'53"	17.768
11/01/2050 00:00:00	♆	23°27'20" ♂	16°55'54"	-01°45'14"	-00°00'44"	29.277
11/01/2050 00:00:00	♇	07°43'06" ♀	-20°22'28"	-12°39'25"	00°01'12"	42.091
11/01/2050 00:00:00	♈	28°47'34" ♀	-19°53'00"	00°00'00"	-00°10'16"	0.003
11/01/2050 00:00:00	♉	07°41'03" ♂	-18°02'07"	03°35'43"	00°06'18"	10.251
11/01/2050 00:00:00	♊	18°56'31" ♀	10°17'52"	-05°05'20"	00°06'43"	0.003
11/01/2050 00:00:00	T♋	28°47'34" ♀	-19°53'00"	00°00'00"	-00°10'16"	0.003
11/01/2050 00:00:00	T♌	24°04'12" ♀	08°42'03"	-05°04'25"	01°39'02"	0.003
11/01/2050 00:00:00	X	00°14'42" ♂	06°17'26"	-05°36'50"	-00°00'04"	92.738
11/01/2050 00:00:00	Y	17°31'55" ♀	11°45'50"	-11°07'41"	-00°00'32"	77.327
12/01/2050 00:00:00	☉	21°57'21" ♀	-21°38'32"	-00°00'00"	01°01'06"	0.983

Ephemerides year 2050

12/01/2050 00:00:00	♃	04°49'12" ♉	05°01'26"	-05°03'41"	11°51'30"	0.003
12/01/2050 00:00:00	♆	29°04'51" ♁	-21°06'48"	02°18'52"	00°37'25"	0.901
12/01/2050 00:00:00	♀	25°05'05" ♎	-22°03'55"	-00°58'21"	01°15'26"	1.708
12/01/2050 00:00:00	♂	24°41'56" ♉	-18°16'23"	00°41'04"	00°38'03"	1.917
12/01/2050 00:00:00	♃	00°18'21" ♉	20°33'14"	00°29'12"	-00°07'54"	4.270
12/01/2050 00:00:00	♄	28°51'50" ♎	-20°35'30"	-00°12'57"	00°07'06"	10.959
12/01/2050 00:00:00	♅	20°36'45" ♉	04°26'56"	00°47'39"	-00°00'56"	17.753
12/01/2050 00:00:00	♆	23°26'37" ♁	16°55'47"	-01°45'11"	-00°00'42"	29.292
12/01/2050 00:00:00	♁	07°44'19" ♁	-20°21'50"	-12°39'14"	00°01'13"	42.104
12/01/2050 00:00:00	♁	28°37'50" ♉	-19°50'52"	00°00'00"	-00°09'01"	0.003
12/01/2050 00:00:00	♂	07°47'20" ♁	-18°02'40"	03°36'10"	00°06'14"	10.241
12/01/2050 00:00:00	♁	19°03'15" ♁	10°15'42"	-05°05'28"	00°06'43"	0.003
12/01/2050 00:00:00	♁	28°37'50" ♉	-19°50'52"	00°00'00"	-00°09'01"	0.003
12/01/2050 00:00:00	♁	25°39'18" ♁	08°10'19"	-05°05'03"	01°31'23"	0.003
12/01/2050 00:00:00	X	00°14'38" ♁	06°17'31"	-05°36'44"	-00°00'03"	92.755
12/01/2050 00:00:00	Y	17°31'22" ♉	11°45'52"	-11°07'36"	-00°00'32"	77.336
13/01/2050 00:00:00	♁	22°58'28" ♎	-21°28'33"	-00°00'00"	01°01'06"	0.984
13/01/2050 00:00:00	♃	16°41'43" ♉	00°47'19"	-04°50'24"	11°54'05"	0.003
13/01/2050 00:00:00	♆	29°44'55" ♁	-21°16'10"	02°09'41"	00°42'37"	0.921

Ephemerides year 2050

13/01/2050 00:00:00	♀	26°20'32" ♍	-21°51'38"	-01°00'07"	01°15'26"	1.707
13/01/2050 00:00:00	♂	25°20'00" ♎	-18°26'02"	00°40'33"	00°38'03"	1.908
13/01/2050 00:00:00	♃	00°10'25" ♏	20°35'04"	00°29'20"	-00°07'57"	4.268
13/01/2050 00:00:00	♅	28°58'57" ♍	-20°34'06"	-00°13'02"	00°07'06"	10.961
13/01/2050 00:00:00	♁	20°35'46" ♎	04°27'21"	00°47'41"	-00°01'00"	17.738
13/01/2050 00:00:00	♃	23°25'55" ♏	16°55'40"	-01°45'08"	-00°00'40"	29.306
13/01/2050 00:00:00	♁	07°45'32" ♎	-20°21'12"	-12°39'03"	00°01'14"	42.117
13/01/2050 00:00:00	♁	28°29'45" ♎	-19°49'05"	00°00'00"	-00°07'03"	0.003
13/01/2050 00:00:00	♃	07°53'33" ♏	-18°03'11"	03°36'38"	00°06'11"	10.231
13/01/2050 00:00:00	♁	19°09'58" ♏	10°13'32"	-05°05'35"	00°06'43"	0.003
13/01/2050 00:00:00	T♁	28°29'45" ♎	-19°49'05"	00°00'00"	-00°07'03"	0.003
13/01/2050 00:00:00	T♁	27°05'57" ♏	07°41'02"	-05°05'31"	01°20'43"	0.003
13/01/2050 00:00:00	X	00°14'35" ♏	06°17'35"	-05°36'39"	-00°00'03"	92.772
13/01/2050 00:00:00	Y	17°30'50" ♎	11°45'55"	-11°07'30"	-00°00'31"	77.345
14/01/2050 00:00:00	☉	23°59'34" ♍	-21°18'09"	-00°00'00"	01°01'06"	0.984
14/01/2050 00:00:00	☾	28°38'35" ♎	-03°30'12"	-04°24'23"	12°00'16"	0.003
14/01/2050 00:00:00	♃	00°29'55" ♍	-21°25'31"	02°00'17"	00°47'17"	0.941
14/01/2050 00:00:00	♀	27°35'58" ♍	-21°38'40"	-01°01'51"	01°15'26"	1.707
14/01/2050 00:00:00	♂	25°58'04" ♎	-18°35'33"	00°40'01"	00°38'03"	1.900

Ephemerides year 2050

14/01/2050 00:00:00	♃	00°02'27" ♏r	20°36'54"	00°29'29"	-00°07'59"	4.267
14/01/2050 00:00:00	♅	29°06'04" ♍	-20°32'42"	-00°13'06"	00°07'07"	10.962
14/01/2050 00:00:00	♁	20°34'45" ♎r	04°27'47"	00°47'43"	-00°01'03"	17.724
14/01/2050 00:00:00	♆	23°25'16" ♏r	16°55'33"	-01°45'04"	-00°00'38"	29.322
14/01/2050 00:00:00	♁	07°46'47" ♏	-20°20'33"	-12°38'53"	00°01'15"	42.129
14/01/2050 00:00:00	♁	28°23'52" ♎r	-19°47'47"	00°00'00"	-00°04'40"	0.003
14/01/2050 00:00:00	♆	07°59'42" ♏	-18°03'42"	03°37'06"	00°06'07"	10.221
14/01/2050 00:00:00	♁	19°16'41" ♏	10°11'22"	-05°05'43"	00°06'43"	0.003
14/01/2050 00:00:00	T♁	28°23'52" ♎r	-19°47'47"	00°00'00"	-00°04'40"	0.003
14/01/2050 00:00:00	T♆	28°17'24" ♏	07°16'36"	-05°05'50"	01°00'06"	0.003
14/01/2050 00:00:00	X	00°14'32" ♏r	06°17'39"	-05°36'33"	-00°00'02"	92.788
14/01/2050 00:00:00	Y	17°30'18" ♏r	11°45'58"	-11°07'24"	-00°00'31"	77.355
15/01/2050 00:00:00	♁	25°00'41" ♍	-21°07'20"	-00°00'00"	01°01'06"	0.984
15/01/2050 00:00:00	♁	10°43'42" ♏	-07°42'50"	-03°46'19"	12°10'43"	0.003
15/01/2050 00:00:00	♆	01°19'21" ♍	-21°34'43"	01°50'45"	00°51'29"	0.961
15/01/2050 00:00:00	♁	28°51'24" ♍	-21°25'04"	-01°03'32"	01°15'25"	1.706
15/01/2050 00:00:00	♁	26°36'07" ♎	-18°44'56"	00°39'29"	00°38'02"	1.891
15/01/2050 00:00:00	♃	29°54'27" ♏r	20°38'44"	00°29'37"	-00°08'01"	4.266
15/01/2050 00:00:00	♅	29°13'12" ♍	-20°31'18"	-00°13'10"	00°07'07"	10.964

Ephemerides year 2050

15/01/2050 00:00:00	♃	20°33'40"	♎	04°28'15"	00°47'45"	-00°01'06"	17.709
15/01/2050 00:00:00	♃	23°24'38"	♎	16°55'27"	-01°45'01"	-00°00'36"	29.337
15/01/2050 00:00:00	♃	07°48'03"	♃	-20°19'54"	-12°38'42"	00°01'16"	42.142
15/01/2050 00:00:00	♁	28°20'24"	♎	-19°47'01"	00°00'00"	-00°02'18"	0.003
15/01/2050 00:00:00	♃	08°05'48"	♂	-18°04'11"	03°37'34"	00°06'04"	10.210
15/01/2050 00:00:00	♁	19°23'25"	♁	10°09'12"	-05°05'50"	00°06'43"	0.003
15/01/2050 00:00:00	T♁	28°20'24"	♎	-19°47'01"	00°00'00"	-00°02'18"	0.003
15/01/2050 00:00:00	T♁	29°01'35"	♁	07°01'21"	-05°06'02"	00°25'54"	0.003
15/01/2050 00:00:00	X	00°14'30"	♎	06°17'44"	-05°36'27"	-00°00'01"	92.805
15/01/2050 00:00:00	Y	17°29'47"	♃	11°46'01"	-11°07'19"	-00°00'30"	77.365
16/01/2050 00:00:00	♁	26°01'47"	♁	-20°56'07"	-00°00'00"	01°01'06"	0.984
16/01/2050 00:00:00	♃	23°01'37"	♁	-11°41'24"	-02°57'12"	12°25'54"	0.003
16/01/2050 00:00:00	♁	02°12'45"	♁	-21°43'38"	01°41'08"	00°55'14"	0.980
16/01/2050 00:00:00	♀	00°06'50"	♁	-21°10'50"	-01°05'10"	01°15'25"	1.706
16/01/2050 00:00:00	♂	27°14'09"	♎	-18°54'11"	00°38'57"	00°38'02"	1.882
16/01/2050 00:00:00	♃	29°46'25"	♎	20°40'35"	00°29'46"	-00°08'02"	4.265
16/01/2050 00:00:00	♃	29°20'20"	♁	-20°29'53"	-00°13'14"	00°07'08"	10.965
16/01/2050 00:00:00	♃	20°32'32"	♎	04°28'44"	00°47'48"	-00°01'09"	17.695
16/01/2050 00:00:00	♃	23°24'02"	♎	16°55'22"	-01°44'57"	-00°00'34"	29.352



Ephemerides year 2050

16/01/2050 00:00:00	♁	07°49'20"	♈	-20°19'16"	-12°38'32"	00°01'17"	42.154
16/01/2050 00:00:00	♁	28°19'06"	♍	-19°46'44"	00°00'00"	-00°00'23"	0.003
16/01/2050 00:00:00	♁	08°11'51"	♈	-18°04'39"	03°38'02"	00°06'00"	10.199
16/01/2050 00:00:00	♁	19°30'08"	♁	10°07'02"	-05°05'57"	00°06'43"	0.003
16/01/2050 00:00:00	♁	28°19'06"	♍	-19°46'44"	00°00'00"	-00°00'23"	0.003
16/01/2050 00:00:00	♁	29°04'40"	♁	07°00'11"	-05°06'09"	-00°21'43"	0.003
16/01/2050 00:00:00	X	00°14'28"	♁	06°17'49"	-05°36'21"	-00°00'01"	92.822
16/01/2050 00:00:00	Y	17°29'17"	♁	11°46'05"	-11°07'13"	-00°00'30"	77.375
17/01/2050 00:00:00	♁	27°02'54"	♁	-20°44'30"	-00°00'00"	01°01'06"	0.984
17/01/2050 00:00:00	♁	05°37'10"	♍	-15°15'05"	-01°58'25"	12°45'59"	0.003
17/01/2050 00:00:00	♁	03°09'42"	♁	-21°52'08"	01°31'29"	00°58'37"	0.999
17/01/2050 00:00:00	♁	01°22'16"	♁	-20°55'57"	-01°06'45"	01°15'25"	1.705
17/01/2050 00:00:00	♁	27°52'12"	♍	-19°03'18"	00°38'24"	00°38'02"	1.873
17/01/2050 00:00:00	♁	29°38'22"	♁	20°42'24"	00°29'54"	-00°08'03"	4.264
17/01/2050 00:00:00	♁	29°27'28"	♁	-20°28'28"	-00°13'18"	00°07'08"	10.965
17/01/2050 00:00:00	♁	20°31'21"	♍	04°29'14"	00°47'50"	-00°01'12"	17.681
17/01/2050 00:00:00	♁	23°23'28"	♁	16°55'16"	-01°44'54"	-00°00'32"	29.367
17/01/2050 00:00:00	♁	07°50'38"	♈	-20°18'37"	-12°38'22"	00°01'18"	42.166
17/01/2050 00:00:00	♁	28°19'21"	♍	-19°46'47"	00°00'00"	00°00'42"	0.003

Ephemerides year 2050

17/01/2050 00:00:00	♄	08°17'49" ♄	-18°05'06"	03°38'31"	00°05'56"	10.188
17/01/2050 00:00:00	♁	19°36'51" ♁	10°04'51"	-05°06'04"	00°06'43"	0.003
17/01/2050 00:00:00	T♃	28°19'21" ♃	-19°46'47"	00°00'00"	00°00'42"	0.003
17/01/2050 00:00:00	T♁	28°15'15" ♁	07°17'03"	-05°06'08"	-01°17'47"	0.003
17/01/2050 00:00:00	X	00°14'28" ♂	06°17'55"	-05°36'15"	-00°00'00"	92.839
17/01/2050 00:00:00	Y	17°28'47" ♀	11°46'08"	-11°07'06"	-00°00'29"	77.385
18/01/2050 00:00:00	♃	28°04'00" ♃	-20°32'29"	-00°00'00"	01°01'06"	0.984
18/01/2050 00:00:00	♃	18°35'08" ♃	-18°10'56"	-00°51'56"	13°10'37"	0.003
18/01/2050 00:00:00	♁	04°09'52" ♁	-22°00'08"	01°21'50"	01°01'39"	1.017
18/01/2050 00:00:00	♀	02°37'41" ♀	-20°40'27"	-01°08'17"	01°15'25"	1.704
18/01/2050 00:00:00	♂	28°30'13" ♃	-19°12'16"	00°37'50"	00°38'01"	1.864
18/01/2050 00:00:00	♃	29°30'19" ♃	20°44'14"	00°30'02"	-00°08'04"	4.264
18/01/2050 00:00:00	♁	29°34'36" ♁	-20°27'02"	-00°13'23"	00°07'08"	10.966
18/01/2050 00:00:00	♃	20°30'08" ♃	04°29'45"	00°47'52"	-00°01'15"	17.667
18/01/2050 00:00:00	♁	23°22'56" ♂	16°55'12"	-01°44'50"	-00°00'30"	29.383
18/01/2050 00:00:00	♃	07°51'57" ♃	-20°17'57"	-12°38'12"	00°01'19"	42.177
18/01/2050 00:00:00	♃	28°20'09" ♃	-19°46'58"	00°00'00"	00°00'42"	0.003
18/01/2050 00:00:00	♄	08°23'44" ♄	-18°05'32"	03°39'00"	00°05'52"	10.177
18/01/2050 00:00:00	♁	19°43'35" ♁	10°02'41"	-05°06'11"	00°06'43"	0.003

Ephemerides year 2050

18/01/2050 00:00:00	T♄	28°20'09" ♎	-19°46'58"	00°00'00"	00°00'42"	0.003
18/01/2050 00:00:00	T♄	26°29'51" ♏	07°52'54"	-05°05'43"	-02°11'24"	0.003
18/01/2050 00:00:00	X	00°14'28" ♏	06°18'00"	-05°36'09"	00°00'00"	92.856
18/01/2050 00:00:00	Y	17°28'17" ♏	11°46'12"	-11°07'00"	-00°00'29"	77.396
19/01/2050 00:00:00	☉	29°05'06" ♎	-20°20'05"	00°00'00"	01°01'05"	0.984
19/01/2050 00:00:00	☾	01°59'35" ♏	-20°14'05"	00°19'30"	13°38'44"	0.003
19/01/2050 00:00:00	☿	05°12'55" ♎	-22°07'30"	01°12'15"	01°04'23"	1.036
19/01/2050 00:00:00	♀	03°53'06" ♏	-20°24'20"	-01°09'47"	01°15'24"	1.704
19/01/2050 00:00:00	♂	29°08'15" ♎	-19°21'07"	00°37'16"	00°38'00"	1.855
19/01/2050 00:00:00	♃	29°22'15" ♏	20°46'03"	00°30'10"	-00°08'04"	4.264
19/01/2050 00:00:00	♅	29°41'46" ♎	-20°25'37"	-00°13'27"	00°07'09"	10.966
19/01/2050 00:00:00	♁	20°28'51" ♏	04°30'17"	00°47'54"	-00°01'18"	17.654
19/01/2050 00:00:00	♆	23°22'26" ♏	16°55'08"	-01°44'47"	-00°00'28"	29.399
19/01/2050 00:00:00	♂	07°53'17" ♏	-20°17'18"	-12°38'03"	00°01'20"	42.189
19/01/2050 00:00:00	♁	28°20'24" ♎	-19°47'01"	00°00'00"	-00°00'24"	0.003
19/01/2050 00:00:00	♃	08°29'35" ♏	-18°05'57"	03°39'29"	00°05'48"	10.166
19/01/2050 00:00:00	♄	19°50'18" ♏	10°00'31"	-05°06'18"	00°06'43"	0.003
19/01/2050 00:00:00	T♄	28°20'24" ♎	-19°47'01"	00°00'00"	-00°00'24"	0.003
19/01/2050 00:00:00	T♄	23°58'08" ♏	08°43'55"	-05°04'32"	-02°48'01"	0.003

Ephemerides year 2050

19/01/2050 00:00:00	X	00°14'28" ♃	06°18'06"	-05°36'03"	00°00'01"	92.873
19/01/2050 00:00:00	Y	17°27'48" ♃	11°46'16"	-11°06'54"	-00°00'28"	77.407
20/01/2050 00:00:00	☉	00°06'12" ♎	-20°07'17"	00°00'00"	01°01'05"	0.984
20/01/2050 00:00:00	☾	15°53'08" ♋	-21°09'18"	01°32'13"	14°08'24"	0.002
20/01/2050 00:00:00	♀	06°18'33" ♌	-22°14'11"	01°02'44"	01°06'51"	1.053
20/01/2050 00:00:00	♀	05°08'31" ♎	-20°07'38"	-01°11'13"	01°15'24"	1.703
20/01/2050 00:00:00	♂	29°46'15" ♎	-19°29'49"	00°36'42"	00°38'00"	1.846
20/01/2050 00:00:00	♃	29°14'10" ♃	20°47'51"	00°30'18"	-00°08'04"	4.264
20/01/2050 00:00:00	♃	29°48'53" ♌	-20°24'11"	-00°13'32"	00°07'09"	10.966
20/01/2050 00:00:00	♃	20°27'31" ♃	04°30'50"	00°47'56"	-00°01'20"	17.640
20/01/2050 00:00:00	♃	23°21'58" ♃	16°55'04"	-01°44'43"	-00°00'26"	29.415
20/01/2050 00:00:00	♃	07°54'38" ♃	-20°16'39"	-12°37'54"	00°01'21"	42.200
20/01/2050 00:00:00	♎	28°19'01" ♎	-19°46'43"	00°00'00"	-00°02'28"	0.003
20/01/2050 00:00:00	♃	08°35'21" ♋	-18°06'21"	03°39'59"	00°05'44"	10.154
20/01/2050 00:00:00	♃	19°57'01" ♌	09°58'21"	-05°06'25"	00°06'43"	0.003
20/01/2050 00:00:00	T♎	28°19'01" ♎	-19°46'43"	00°00'00"	-00°02'28"	0.003
20/01/2050 00:00:00	T♃	21°03'06" ♌	09°41'43"	-05°02'20"	-02°57'11"	0.003
20/01/2050 00:00:00	X	00°14'30" ♃	06°18'12"	-05°35'57"	00°00'01"	92.890
20/01/2050 00:00:00	Y	17°27'20" ♃	11°46'20"	-11°06'47"	-00°00'27"	77.418

Ephemerides year 2050

21/01/2050 00:00:00	☉	01°07'17" ♊	-19°54'07"	00°00'00"	01°01'05"	0.984
21/01/2050 00:00:00	☾	00°15'56" ♋	-20°44'22"	02°41'29"	14°36'41"	0.002
21/01/2050 00:00:00	♁	07°26'33" ♋	-22°20'05"	00°53'19"	01°09'05"	1.070
21/01/2050 00:00:00	♀	06°23'56" ♊	-19°50'20"	-01°12'36"	01°15'24"	1.702
21/01/2050 00:00:00	♂	00°24'15" ♌	-19°38'23"	00°36'07"	00°37'59"	1.837
21/01/2050 00:00:00	♃	29°06'06" ♉	20°49'39"	00°30'25"	-00°08'03"	4.265
21/01/2050 00:00:00	♄	29°56'02" ♋	-20°22'44"	-00°13'36"	00°07'09"	10.966
21/01/2050 00:00:00	♅	20°26'09" ♌	04°31'24"	00°47'59"	-00°01'23"	17.627
21/01/2050 00:00:00	♆	23°21'33" ♉	16°55'01"	-01°44'40"	-00°00'24"	29.431
21/01/2050 00:00:00	♇	07°56'00" ♋	-20°15'59"	-12°37'45"	00°01'22"	42.211
21/01/2050 00:00:00	♈	28°15'16" ♌	-19°45'52"	00°00'00"	-00°05'05"	0.003
21/01/2050 00:00:00	♉	08°41'04" ♌	-18°06'44"	03°40'28"	00°05'40"	10.143
21/01/2050 00:00:00	♊	20°03'45" ♋	09°56'10"	-05°06'31"	00°06'43"	0.003
21/01/2050 00:00:00	T♈	28°15'16" ♌	-19°45'52"	00°00'00"	-00°05'05"	0.003
21/01/2050 00:00:00	T♉	18°12'20" ♋	10°36'51"	-04°59'25"	-02°41'03"	0.003
21/01/2050 00:00:00	X	00°14'32" ♉	06°18'18"	-05°35'51"	00°00'02"	92.907
21/01/2050 00:00:00	Y	17°26'52" ♌	11°46'24"	-11°06'41"	-00°00'27"	77.429
22/01/2050 00:00:00	☉	02°08'22" ♊	-19°40'35"	00°00'00"	01°01'04"	0.984
22/01/2050 00:00:00	☾	15°04'53" ♋	-18°54'10"	03°41'54"	15°00'03"	0.002

Ephemerides year 2050

22/01/2050 00:00:00	♀	08°36'40" ♍	-22°25'09"	00°44'01"	01°11'06"	1.087
22/01/2050 00:00:00	♀	07°39'20" ♍	-19°32'27"	-01°13'56"	01°15'23"	1.701
22/01/2050 00:00:00	♂	01°02'15" ♏	-19°46'48"	00°35'32"	00°37'58"	1.828
22/01/2050 00:00:00	♃	28°58'03" ♉	20°51'26"	00°30'33"	-00°08'02"	4.266
22/01/2050 00:00:00	♃	00°03'11" ♍	-20°21'17"	-00°13'40"	00°07'08"	10.965
22/01/2050 00:00:00	♃	20°24'44" ♏	04°32'00"	00°48'01"	-00°01'26"	17.614
22/01/2050 00:00:00	♃	23°21'09" ♏	16°54'59"	-01°44'36"	-00°00'22"	29.447
22/01/2050 00:00:00	♃	07°57'23" ♏	-20°15'19"	-12°37'36"	00°01'23"	42.222
22/01/2050 00:00:00	♃	28°08'50" ♏	-19°44'27"	00°00'00"	-00°07'42"	0.003
22/01/2050 00:00:00	♃	08°46'43" ♏	-18°07'05"	03°40'58"	00°05'36"	10.131
22/01/2050 00:00:00	♃	20°10'29" ♏	09°54'00"	-05°06'37"	00°06'43"	0.003
22/01/2050 00:00:00	T♃	28°08'50" ♏	-19°44'27"	00°00'00"	-00°07'42"	0.003
22/01/2050 00:00:00	T♃	15°44'34" ♏	11°23'23"	-04°56'20"	-02°14'13"	0.003
22/01/2050 00:00:00	X	00°14'35" ♏	06°18'25"	-05°35'46"	00°00'03"	92.924
22/01/2050 00:00:00	Y	17°26'25" ♏	11°46'28"	-11°06'34"	-00°00'26"	77.440
23/01/2050 00:00:00	☉	03°09'26" ♍	-19°26'41"	00°00'00"	01°01'03"	0.984
23/01/2050 00:00:00	☾	00°13'12" ♍	-15°43'43"	04°28'04"	15°14'55"	0.002
23/01/2050 00:00:00	♀	09°48'43" ♍	-22°29'19"	00°34'52"	01°12'57"	1.103
23/01/2050 00:00:00	♀	08°54'43" ♍	-19°14'00"	-01°15'13"	01°15'23"	1.700

Ephemerides year 2050

23/01/2050 00:00:00	♂	01°40'13" ♂	-19°55'05"	00°34'57"	00°37'58"	1.819
23/01/2050 00:00:00	♃	28°50'01" ♃	20°53'12"	00°30'40"	-00°08'01"	4.267
23/01/2050 00:00:00	♅	00°10'20" ♁	-20°19'50"	-00°13'44"	00°07'08"	10.965
23/01/2050 00:00:00	♁	20°23'16" ♁	04°32'36"	00°48'03"	-00°01'29"	17.601
23/01/2050 00:00:00	♃	23°20'47" ♃	16°54'57"	-01°44'33"	-00°00'20"	29.463
23/01/2050 00:00:00	♁	07°58'46" ♁	-20°14'39"	-12°37'28"	00°01'23"	42.232
23/01/2050 00:00:00	♁	28°00'04" ♁	-19°42'29"	00°00'00"	-00°09'41"	0.003
23/01/2050 00:00:00	♃	08°52'17" ♂	-18°07'26"	03°41'29"	00°05'32"	10.119
23/01/2050 00:00:00	♁	20°17'12" ♁	09°51'49"	-05°06'43"	00°06'43"	0.003
23/01/2050 00:00:00	♁	28°00'04" ♁	-19°42'29"	00°00'00"	-00°09'41"	0.003
23/01/2050 00:00:00	♁	13°41'29" ♁	12°01'10"	-04°53'29"	-01°54'18"	0.003
23/01/2050 00:00:00	X	00°14'38" ♂	06°18'31"	-05°35'40"	00°00'03"	92.941
23/01/2050 00:00:00	Y	17°25'59" ♃	11°46'33"	-11°06'27"	-00°00'26"	77.452
24/01/2050 00:00:00	♁	04°10'30" ♁	-19°12'25"	00°00'00"	01°01'03"	0.984
24/01/2050 00:00:00	♁	15°31'01" ♁	-11°28'01"	04°55'35"	15°18'47"	0.002
24/01/2050 00:00:00	♁	11°02'32" ♂	-22°32'32"	00°25'52"	01°14'39"	1.119
24/01/2050 00:00:00	♀	10°10'06" ♁	-18°55'00"	-01°16'27"	01°15'22"	1.699
24/01/2050 00:00:00	♂	02°18'11" ♂	-20°03'13"	00°34'20"	00°37'57"	1.810
24/01/2050 00:00:00	♃	28°42'00" ♃	20°54'58"	00°30'47"	-00°08'00"	4.269

Ephemerides year 2050

24/01/2050 00:00:00	♃	00°17'29" ♊	-20°18'23"	-00°13'49"	00°07'08"	10.964
24/01/2050 00:00:00	♃	20°21'45" ♉	04°33'14"	00°48'05"	-00°01'32"	17.588
24/01/2050 00:00:00	♃	23°20'27" ♉	16°54'56"	-01°44'29"	-00°00'18"	29.479
24/01/2050 00:00:00	♃	08°00'11" ♉	-20°14'00"	-12°37'19"	00°01'24"	42.243
24/01/2050 00:00:00	♃	27°49'50" ♉	-19°40'11"	00°00'00"	-00°10'32"	0.003
24/01/2050 00:00:00	♃	08°57'47" ♉	-18°07'45"	03°41'59"	00°05'27"	10.107
24/01/2050 00:00:00	♃	20°23'55" ♉	09°49'39"	-05°06'49"	00°06'43"	0.003
24/01/2050 00:00:00	T♃	27°49'50" ♉	-19°40'11"	00°00'00"	-00°10'32"	0.003
24/01/2050 00:00:00	T♃	11°49'55" ♉	12°34'25"	-04°50'51"	-01°52'05"	0.003
24/01/2050 00:00:00	X	00°14'43" ♉	06°18'38"	-05°35'34"	00°00'04"	92.958
24/01/2050 00:00:00	Y	17°25'33" ♉	11°46'38"	-11°06'20"	-00°00'25"	77.464
25/01/2050 00:00:00	♃	05°11'32" ♊	-18°57'48"	00°00'00"	01°01'02"	0.984
25/01/2050 00:00:00	♃	00°46'53" ♉	-06°28'49"	05°01'59"	15°11'04"	0.002
25/01/2050 00:00:00	♃	12°17'58" ♉	-22°34'46"	00°17'03"	01°16'12"	1.135
25/01/2050 00:00:00	♃	11°25'29" ♊	-18°35'27"	-01°17'37"	01°15'21"	1.698
25/01/2050 00:00:00	♃	02°56'07" ♉	-20°11'12"	00°33'44"	00°37'56"	1.801
25/01/2050 00:00:00	♃	28°34'01" ♉	20°56'43"	00°30'55"	-00°07'58"	4.271
25/01/2050 00:00:00	♃	00°24'37" ♊	-20°16'56"	-00°13'53"	00°07'07"	10.962
25/01/2050 00:00:00	♃	20°20'11" ♉	04°33'53"	00°48'07"	-00°01'35"	17.576



Ephemerides year 2050

25/01/2050 00:00:00	♁	23°20'09"	♄	16°54'55"	-01°44'25"	-00°00'16"	29.496
25/01/2050 00:00:00	♁	08°01'36"	♃	-20°13'20"	-12°37'12"	00°01'25"	42.253
25/01/2050 00:00:00	♁	27°39'25"	♄	-19°37'51"	00°00'00"	-00°10'05"	0.003
25/01/2050 00:00:00	♁	09°03'13"	♂	-18°08'03"	03°42'30"	00°05'23"	10.094
25/01/2050 00:00:00	♁	20°30'39"	♁	09°47'28"	-05°06'55"	00°06'43"	0.003
25/01/2050 00:00:00	T♁	27°39'25"	♄	-19°37'51"	00°00'00"	-00°10'05"	0.003
25/01/2050 00:00:00	T♁	09°51'29"	♁	13°08'37"	-04°48'01"	-02°06'53"	0.003
25/01/2050 00:00:00	X	00°14'47"	♄	06°18'46"	-05°35'28"	00°00'05"	92.975
25/01/2050 00:00:00	Y	17°25'07"	♃	11°46'42"	-11°06'13"	-00°00'25"	77.476
26/01/2050 00:00:00	♁	06°12'34"	♁	-18°42'50"	00°00'00"	01°01'01"	0.985
26/01/2050 00:00:00	♁	15°49'50"	♃	-01°10'09"	04°47'18"	14°53'22"	0.002
26/01/2050 00:00:00	♁	13°34'54"	♂	-22°35'57"	00°08'24"	01°17'38"	1.149
26/01/2050 00:00:00	♁	12°40'50"	♁	-18°15'22"	-01°18'44"	01°15'21"	1.697
26/01/2050 00:00:00	♁	03°34'03"	♂	-20°19'03"	00°33'06"	00°37'55"	1.792
26/01/2050 00:00:00	♁	28°26'04"	♄	20°58'26"	00°31'01"	-00°07'55"	4.273
26/01/2050 00:00:00	♁	00°31'44"	♁	-20°15'28"	-00°13'57"	00°07'07"	10.961
26/01/2050 00:00:00	♁	20°18'34"	♄	04°34'33"	00°48'09"	-00°01'37"	17.564
26/01/2050 00:00:00	♁	23°19'53"	♄	16°54'55"	-01°44'22"	-00°00'14"	29.512
26/01/2050 00:00:00	♁	08°03'02"	♃	-20°12'40"	-12°37'04"	00°01'26"	42.262

Ephemerides year 2050

26/01/2050 00:00:00	♏	27°30'05" ♍r	-19°35'44"	00°00'00"	-00°08'24"	0.002
26/01/2050 00:00:00	♋	09°08'34" ♈r	-18°08'20"	03°43'02"	00°05'18"	10.082
26/01/2050 00:00:00	♌	20°37'22" ♌	09°45'18"	-05°07'01"	00°06'43"	0.003
26/01/2050 00:00:00	T♏	27°30'05" ♍r	-19°35'44"	00°00'00"	-00°08'24"	0.002
26/01/2050 00:00:00	T♌	07°34'32" ♌r	13°46'52"	-04°44'33"	-02°26'14"	0.003
26/01/2050 00:00:00	X	00°14'53" ♉	06°18'53"	-05°35'22"	00°00'05"	92.992
26/01/2050 00:00:00	Y	17°24'42" ♏r	11°46'47"	-11°06'06"	-00°00'24"	77.488
27/01/2050 00:00:00	♁	07°13'35" ♋	-18°27'32"	00°00'00"	01°01'00"	0.985
27/01/2050 00:00:00	♂	00°31'20" ♈r	04°05'18"	04°13'48"	14°28'47"	0.002
27/01/2050 00:00:00	♀	14°53'13" ♌	-22°36'04"	-00°00'02"	01°18'58"	1.164
27/01/2050 00:00:00	♀	13°56'11" ♋	-17°54'46"	-01°19'48"	01°15'20"	1.696
27/01/2050 00:00:00	♂	04°11'57" ♈r	-20°26'45"	00°32'29"	00°37'54"	1.782
27/01/2050 00:00:00	♉	28°18'10" ♉r	21°00'09"	00°31'08"	-00°07'52"	4.276
27/01/2050 00:00:00	♃	00°38'51" ♋	-20°14'01"	-00°14'02"	00°07'06"	10.959
27/01/2050 00:00:00	♈	20°16'55" ♍r	04°35'13"	00°48'11"	-00°01'40"	17.552
27/01/2050 00:00:00	♊	23°19'40" ♈r	16°54'55"	-01°44'18"	-00°00'12"	29.529
27/01/2050 00:00:00	♌	08°04'28" ♈r	-20°12'00"	-12°36'57"	00°01'26"	42.272
27/01/2050 00:00:00	♏	27°22'51" ♍r	-19°34'05"	00°00'00"	-00°05'57"	0.002
27/01/2050 00:00:00	♋	09°13'51" ♈r	-18°08'36"	03°43'33"	00°05'14"	10.069

Ephemerides year 2050

27/01/2050 00:00:00	☾	20°44'05" ♏	09°43'07"	-05°07'06"	00°06'43"	0.003
27/01/2050 00:00:00	♁	27°22'51" ♎	-19°34'05"	00°00'00"	-00°05'57"	0.002
27/01/2050 00:00:00	♁	05°03'56" ♏	14°27'26"	-04°40'18"	-02°30'57"	0.003
27/01/2050 00:00:00	X	00°14'59" ♂	06°19'01"	-05°35'16"	00°00'06"	93.009
27/01/2050 00:00:00	Y	17°24'18" ♀	11°46'53"	-11°05'59"	-00°00'23"	77.501
28/01/2050 00:00:00	☉	08°14'34" ♋	-18°11'54"	00°00'00"	01°00'58"	0.985
28/01/2050 00:00:00	☾	14°46'21" ♏	08°58'22"	03°25'16"	14°01'00"	0.002
28/01/2050 00:00:00	♀	16°12'49" ♎	-22°35'04"	-00°08'17"	01°20'12"	1.178
28/01/2050 00:00:00	♀	15°11'31" ♋	-17°33'40"	-01°20'48"	01°15'19"	1.695
28/01/2050 00:00:00	♂	04°49'51" ♎	-20°34'18"	00°31'50"	00°37'53"	1.773
28/01/2050 00:00:00	♃	28°10'18" ♎	21°01'50"	00°31'15"	-00°07'49"	4.279
28/01/2050 00:00:00	♃	00°45'58" ♋	-20°12'33"	-00°14'06"	00°07'06"	10.957
28/01/2050 00:00:00	♃	20°15'14" ♎	04°35'55"	00°48'13"	-00°01'43"	17.540
28/01/2050 00:00:00	♃	23°19'28" ♎	16°54'55"	-01°44'14"	-00°00'10"	29.546
28/01/2050 00:00:00	♃	08°05'55" ♎	-20°11'20"	-12°36'49"	00°01'27"	42.281
28/01/2050 00:00:00	♁	27°18'14" ♎	-19°33'02"	00°00'00"	-00°03'19"	0.002
28/01/2050 00:00:00	♃	09°19'03" ♎	-18°08'51"	03°44'05"	00°05'09"	10.057
28/01/2050 00:00:00	☾	20°50'49" ♏	09°40'56"	-05°07'12"	00°06'43"	0.003
28/01/2050 00:00:00	♁	27°18'14" ♎	-19°33'02"	00°00'00"	-00°03'19"	0.002

Ephemerides year 2050

28/01/2050 00:00:00	T♄	02°42'34" ♏r	15°04'05"	-04°35'50"	-02°06'20"	0.003
28/01/2050 00:00:00	X	00°15'05" ♂	06°19'08"	-05°35'10"	00°00'07"	93.026
28/01/2050 00:00:00	Y	17°23'55" ♀r	11°46'58"	-11°05'51"	-00°00'23"	77.514
29/01/2050 00:00:00	☉	09°15'33" ♋	-17°55'56"	00°00'00"	01°00'57"	0.985
29/01/2050 00:00:00	☾	28°33'23" ♏	13°13'54"	02°26'05"	13°33'16"	0.003
29/01/2050 00:00:00	♀	17°33'37" ♎	-22°32'56"	-00°16'20"	01°21'22"	1.191
29/01/2050 00:00:00	♀	16°26'50" ♋	-17°12'04"	-01°21'45"	01°15'18"	1.694
29/01/2050 00:00:00	♂	05°27'44" ♎	-20°41'42"	00°31'12"	00°37'52"	1.764
29/01/2050 00:00:00	♃	28°02'30" ♉r	21°03'31"	00°31'21"	-00°07'46"	4.282
29/01/2050 00:00:00	♅	00°53'04" ♋	-20°11'05"	-00°14'11"	00°07'05"	10.954
29/01/2050 00:00:00	♁	20°13'29" ♎r	04°36'38"	00°48'14"	-00°01'45"	17.529
29/01/2050 00:00:00	♃	23°19'18" ♂r	16°54'57"	-01°44'11"	-00°00'08"	29.562
29/01/2050 00:00:00	♁	08°07'24" ♏	-20°10'40"	-12°36'43"	00°01'28"	42.290
29/01/2050 00:00:00	♁	27°16'04" ♎r	-19°32'32"	00°00'00"	-00°01'08"	0.002
29/01/2050 00:00:00	♃	09°24'10" ♎	-18°09'04"	03°44'37"	00°05'05"	10.044
29/01/2050 00:00:00	♄	20°57'32" ♏	09°38'46"	-05°07'17"	00°06'43"	0.003
29/01/2050 00:00:00	T♁	27°16'04" ♎r	-19°32'32"	00°00'00"	-00°01'08"	0.002
29/01/2050 00:00:00	T♄	01°01'14" ♏r	15°29'30"	-04°32'20"	-01°12'13"	0.003
29/01/2050 00:00:00	X	00°15'13" ♂	06°19'16"	-05°35'04"	00°00'07"	93.043

Ephemerides year 2050

29/01/2050 00:00:00	Y	17°23'32" ♀	11°47'03"	-11°05'44"	-00°00'22"	77.527
30/01/2050 00:00:00	☉	10°16'30" ♁	-17°39'39"	00°00'00"	01°00'56"	0.985
30/01/2050 00:00:00	☾	11°53'44" ♂	16°40'39"	01°20'37"	13°07'58"	0.003
30/01/2050 00:00:00	♀	18°55'33" ♂	-22°29'39"	-00°24'09"	01°22'28"	1.204
30/01/2050 00:00:00	♀	17°42'09" ♁	-16°49'59"	-01°22'38"	01°15'18"	1.693
30/01/2050 00:00:00	♂	06°05'35" ♂	-20°48'57"	00°30'32"	00°37'51"	1.755
30/01/2050 00:00:00	♃	27°54'45" ♁	21°05'10"	00°31'27"	-00°07'42"	4.285
30/01/2050 00:00:00	♄	01°00'09" ♁	-20°09'36"	-00°14'15"	00°07'05"	10.952
30/01/2050 00:00:00	♅	20°11'43" ♀	04°37'21"	00°48'16"	-00°01'47"	17.517
30/01/2050 00:00:00	♆	23°19'11" ♂	16°54'58"	-01°44'07"	-00°00'06"	29.579
30/01/2050 00:00:00	♇	08°08'52" ♀	-20°10'00"	-12°36'36"	00°01'29"	42.299
30/01/2050 00:00:00	♈	27°15'38" ♀	-19°32'27"	00°00'00"	00°00'06"	0.002
30/01/2050 00:00:00	♉	09°29'13" ♂	-18°09'17"	03°45'09"	00°05'00"	10.031
30/01/2050 00:00:00	♊	21°04'15" ♂	09°36'35"	-05°07'22"	00°06'43"	0.003
30/01/2050 00:00:00	T♈	27°15'38" ♀	-19°32'27"	00°00'00"	00°00'06"	0.002
30/01/2050 00:00:00	T♉	00°23'39" ♂	15°38'45"	-04°30'56"	-00°01'37"	0.003
30/01/2050 00:00:00	X	00°15'21" ♂	06°19'25"	-05°34'59"	00°00'08"	93.060
30/01/2050 00:00:00	Y	17°23'09" ♀	11°47'09"	-11°05'36"	-00°00'21"	77.540
31/01/2050 00:00:00	☉	11°17'26" ♁	-17°23'04"	-00°00'00"	01°00'55"	0.985

Ephemerides year 2050

31/01/2050 00:00:00	♃	24°50'35"	♏	19°10'48"	00°12'51"	12°46'26"	0.003
31/01/2050 00:00:00	♆	20°18'33"	♌	-22°25'10"	-00°31'44"	01°23'31"	1.216
31/01/2050 00:00:00	♀	18°57'26"	♏	-16°27'26"	-01°23'27"	01°15'17"	1.692
31/01/2050 00:00:00	♂	06°43'26"	♌	-20°56'03"	00°29'52"	00°37'50"	1.746
31/01/2050 00:00:00	♃	27°47'05"	♏	21°06'47"	00°31'34"	-00°07'38"	4.289
31/01/2050 00:00:00	♅	01°07'14"	♏	-20°08'08"	-00°14'20"	00°07'04"	10.949
31/01/2050 00:00:00	♁	20°09'54"	♏	04°38'06"	00°48'18"	-00°01'50"	17.506
31/01/2050 00:00:00	♆	23°19'05"	♏	16°55'01"	-01°44'03"	-00°00'04"	29.596
31/01/2050 00:00:00	♁	08°10'22"	♏	-20°09'19"	-12°36'30"	00°01'29"	42.308
31/01/2050 00:00:00	♁	27°15'52"	♏	-19°32'30"	00°00'00"	00°00'08"	0.002
31/01/2050 00:00:00	♃	09°34'12"	♌	-18°09'28"	03°45'41"	00°04'55"	10.018
31/01/2050 00:00:00	♁	21°10'59"	♏	09°34'24"	-05°07'27"	00°06'43"	0.003
31/01/2050 00:00:00	♁	27°15'52"	♏	-19°32'30"	00°00'00"	00°00'08"	0.002
31/01/2050 00:00:00	♁	00°58'06"	♏	15°30'20"	-04°32'09"	01°09'30"	0.003
31/01/2050 00:00:00	X	00°15'30"	♏	06°19'33"	-05°34'53"	00°00'09"	93.076
31/01/2050 00:00:00	Y	17°22'48"	♏	11°47'14"	-11°05'29"	-00°00'21"	77.553
01/02/2050 00:00:00	♁	12°18'21"	♏	-17°06'10"	-00°00'00"	01°00'54"	0.985
01/02/2050 00:00:00	♃	07°28'02"	♏	20°39'48"	-00°53'50"	12°29'10"	0.003
01/02/2050 00:00:00	♆	21°42'35"	♌	-22°19'29"	-00°39'06"	01°24'31"	1.228

Ephemerides year 2050

01/02/2050 00:00:00 ♀	20°12'43" ♁	-16°04'25"	-01°24'13"	01°15'16"	1.690
01/02/2050 00:00:00 ♂	07°21'16" ♂	-21°03'00"	00°29'12"	00°37'49"	1.736
01/02/2050 00:00:00 ♃	27°39'29" ♃	21°08'23"	00°31'40"	-00°07'33"	4.293
01/02/2050 00:00:00 ♃	01°14'18" ♁	-20°06'39"	-00°14'24"	00°07'03"	10.946
01/02/2050 00:00:00 ♃	20°08'02" ♃	04°38'51"	00°48'20"	-00°01'52"	17.496
01/02/2050 00:00:00 ♃	23°19'02" ♃	16°55'03"	-01°44'00"	-00°00'02"	29.613
01/02/2050 00:00:00 ♃	08°11'52" ♃	-20°08'39"	-12°36'24"	00°01'30"	42.316
01/02/2050 00:00:00 ♃	27°15'30" ♃	-19°32'25"	00°00'00"	-00°01'03"	0.002
01/02/2050 00:00:00 ♃	09°39'05" ♂	-18°09'39"	03°46'14"	00°04'51"	10.005
01/02/2050 00:00:00 ♃	21°17'42" ♃	09°32'13"	-05°07'32"	00°06'43"	0.003
01/02/2050 00:00:00 T♃	27°15'30" ♃	-19°32'25"	00°00'00"	-00°01'03"	0.002
01/02/2050 00:00:00 T♃	02°39'00" ♃	15°05'06"	-04°35'36"	02°09'54"	0.003
01/02/2050 00:00:00 X	00°15'39" ♃	06°19'42"	-05°34'47"	00°00'09"	93.093
01/02/2050 00:00:00 Y	17°22'27" ♃	11°47'20"	-11°05'21"	-00°00'20"	77.566
02/02/2050 00:00:00 ☾	13°19'14" ♁	-16°48'57"	-00°00'00"	01°00'52"	0.985
02/02/2050 00:00:00 ☾	19°50'19" ♃	21°06'20"	-01°56'32"	12°16'04"	0.003
02/02/2050 00:00:00 ♃	23°07'35" ♂	-22°12'35"	-00°46'13"	01°25'28"	1.240
02/02/2050 00:00:00 ♀	21°27'59" ♁	-15°40'58"	-01°24'55"	01°15'15"	1.689
02/02/2050 00:00:00 ♂	07°59'05" ♂	-21°09'48"	00°28'31"	00°37'48"	1.727

Ephemerides year 2050

02/02/2050 00:00:00	♃	27°31'58"	♉	21°09'58"	00°31'45"	-00°07'28"	4.298
02/02/2050 00:00:00	♃	01°21'21"	♊	-20°05'11"	-00°14'29"	00°07'02"	10.942
02/02/2050 00:00:00	♃	20°06'08"	♋	04°39'38"	00°48'21"	-00°01'54"	17.485
02/02/2050 00:00:00	♃	23°19'01"	♌	16°55'07"	-01°43'56"	-00°00'00"	29.630
02/02/2050 00:00:00	♃	08°13'23"	♍	-20°07'59"	-12°36'18"	00°01'31"	42.324
02/02/2050 00:00:00	♃	27°13'24"	♎	-19°31'56"	00°00'00"	-00°03'17"	0.002
02/02/2050 00:00:00	♃	09°43'54"	♏	-18°09'48"	03°46'47"	00°04'46"	9.991
02/02/2050 00:00:00	♃	21°24'26"	♐	09°30'02"	-05°07'36"	00°06'43"	0.003
02/02/2050 00:00:00	T♃	27°13'24"	♎	-19°31'56"	00°00'00"	-00°03'17"	0.002
02/02/2050 00:00:00	T♃	05°12'31"	♏	14°25'17"	-04°40'26"	02°54'14"	0.003
02/02/2050 00:00:00	X	00°15'50"	♏	06°19'51"	-05°34'41"	00°00'10"	93.110
02/02/2050 00:00:00	Y	17°22'07"	♏	11°47'26"	-11°05'13"	-00°00'19"	77.580
03/02/2050 00:00:00	♃	14°20'06"	♊	-16°31'28"	-00°00'00"	01°00'51"	0.986
03/02/2050 00:00:00	♃	02°01'24"	♉	20°32'10"	-02°52'47"	12°06'38"	0.003
03/02/2050 00:00:00	♃	24°33'32"	♋	-22°04'26"	-00°53'05"	01°26'24"	1.251
03/02/2050 00:00:00	♃	22°43'14"	♊	-15°17'05"	-01°25'33"	01°15'14"	1.688
03/02/2050 00:00:00	♃	08°36'53"	♋	-21°16'26"	00°27'50"	00°37'47"	1.718
03/02/2050 00:00:00	♃	27°24'31"	♉	21°11'32"	00°31'51"	-00°07'23"	4.302
03/02/2050 00:00:00	♃	01°28'23"	♊	-20°03'42"	-00°14'34"	00°07'01"	10.939



Ephemerides year 2050

03/02/2050 00:00:00	♃	20°04'12" ♃	04°40'25"	00°48'23"	-00°01'57"	17.475
03/02/2050 00:00:00	♃	23°19'02" ♃	16°55'11"	-01°43'52"	00°00'01"	29.647
03/02/2050 00:00:00	♃	08°14'55" ♃	-20°07'19"	-12°36'13"	00°01'31"	42.332
03/02/2050 00:00:00	♃	27°08'41" ♃	-19°30'51"	00°00'00"	-00°06'11"	0.003
03/02/2050 00:00:00	♃	09°48'38" ♃	-18°09'56"	03°47'20"	00°04'41"	9.978
03/02/2050 00:00:00	♃	21°31'09" ♃	09°27'51"	-05°07'41"	00°06'43"	0.003
03/02/2050 00:00:00	T♃	27°08'41" ♃	-19°30'51"	00°00'00"	-00°06'11"	0.003
03/02/2050 00:00:00	T♃	08°21'41" ♃	13°33'58"	-04°45'39"	03°21'14"	0.003
03/02/2050 00:00:00	X	00°16'00" ♃	06°20'00"	-05°34'36"	00°00'11"	93.126
03/02/2050 00:00:00	Y	17°21'47" ♃	11°47'33"	-11°05'05"	-00°00'19"	77.594
04/02/2050 00:00:00	♃	15°20'57" ♃	-16°13'41"	-00°00'00"	01°00'50"	0.986
04/02/2050 00:00:00	♃	14°04'37" ♃	19°01'55"	-03°40'31"	12°00'13"	0.003
04/02/2050 00:00:00	♃	26°00'23" ♃	-21°55'02"	-00°59'42"	01°27'17"	1.262
04/02/2050 00:00:00	♃	23°58'28" ♃	-14°52'47"	-01°26'08"	01°15'13"	1.686
04/02/2050 00:00:00	♃	09°14'40" ♃	-21°22'56"	00°27'07"	00°37'46"	1.709
04/02/2050 00:00:00	♃	27°17'10" ♃	21°13'04"	00°31'57"	-00°07'18"	4.307
04/02/2050 00:00:00	♃	01°35'24" ♃	-20°02'13"	-00°14'38"	00°07'00"	10.935
04/02/2050 00:00:00	♃	20°02'14" ♃	04°41'13"	00°48'25"	-00°01'59"	17.465
04/02/2050 00:00:00	♃	23°19'05" ♃	16°55'15"	-01°43'48"	00°00'04"	29.664

Ephemerides year 2050

04/02/2050 00:00:00	♁	08°16'27"	♈	-20°06'39"	-12°36'08"	00°01'32"	42.339
04/02/2050 00:00:00	♁	27°00'57"	♍	-19°29'05"	00°00'00"	-00°09'16"	0.003
04/02/2050 00:00:00	♁	09°53'17"	♌	-18°10'03"	03°47'54"	00°04'36"	9.964
04/02/2050 00:00:00	♁	21°37'53"	♏	09°25'40"	-05°07'45"	00°06'43"	0.003
04/02/2050 00:00:00	♁	27°00'57"	♍	-19°29'05"	00°00'00"	-00°09'16"	0.003
04/02/2050 00:00:00	♁	11°49'41"	♏	12°34'53"	-04°50'25"	03°32'21"	0.003
04/02/2050 00:00:00	X	00°16'12"	♄	06°20'09"	-05°34'30"	00°00'11"	93.143
04/02/2050 00:00:00	Y	17°21'29"	♁	11°47'39"	-11°04'57"	-00°00'18"	77.608
05/02/2050 00:00:00	♁	16°21'47"	♏	-15°55'37"	-00°00'00"	01°00'49"	0.986
05/02/2050 00:00:00	♁	26°02'38"	♎	16°42'21"	-04°18'01"	11°56'07"	0.003
05/02/2050 00:00:00	♁	27°28'07"	♌	-21°44'21"	-01°06'03"	01°28'10"	1.272
05/02/2050 00:00:00	♁	25°13'41"	♏	-14°28'04"	-01°26'39"	01°15'12"	1.685
05/02/2050 00:00:00	♁	09°52'27"	♌	-21°29'16"	00°26'25"	00°37'45"	1.699
05/02/2050 00:00:00	♁	27°09'54"	♎	21°14'34"	00°32'02"	-00°07'12"	4.313
05/02/2050 00:00:00	♁	01°42'25"	♏	-20°00'45"	-00°14'43"	00°06'59"	10.931
05/02/2050 00:00:00	♁	20°00'14"	♍	04°42'01"	00°48'26"	-00°02'01"	17.455
05/02/2050 00:00:00	♁	23°19'10"	♄	16°55'20"	-01°43'45"	00°00'06"	29.681
05/02/2050 00:00:00	♁	08°17'59"	♈	-20°05'59"	-12°36'03"	00°01'32"	42.346
05/02/2050 00:00:00	♁	26°50'14"	♍	-19°26'37"	00°00'00"	-00°12'02"	0.003

Ephemerides year 2050

05/02/2050 00:00:00	♁	09°57'51" ♄	-18°10'09"	03°48'27"	00°04'31"	9.951
05/02/2050 00:00:00	♁	21°44'36" ♄	09°23'29"	-05°07'49"	00°06'43"	0.003
05/02/2050 00:00:00	T♁	26°50'14" ♄	-19°26'37"	00°00'00"	-00°12'02"	0.003
05/02/2050 00:00:00	T♁	15°22'21" ♄	11°31'50"	-04°54'13"	03°31'24"	0.003
05/02/2050 00:00:00	X	00°16'24" ♄	06°20'19"	-05°34'24"	00°00'12"	93.159
05/02/2050 00:00:00	Y	17°21'10" ♄	11°47'45"	-11°04'49"	-00°00'17"	77.622
06/02/2050 00:00:00	♁	17°22'36" ♄	-15°37'17"	-00°00'00"	01°00'47"	0.986
06/02/2050 00:00:00	♁	07°57'26" ♄	13°41'42"	-04°43'58"	11°53'44"	0.003
06/02/2050 00:00:00	♁	28°56'43" ♄	-21°32'24"	-01°12'08"	01°29'01"	1.282
06/02/2050 00:00:00	♁	26°28'53" ♄	-14°02'58"	-01°27'06"	01°15'11"	1.684
06/02/2050 00:00:00	♁	10°30'12" ♄	-21°35'27"	00°25'42"	00°37'44"	1.690
06/02/2050 00:00:00	♁	27°02'44" ♄	21°16'03"	00°32'07"	-00°07'06"	4.318
06/02/2050 00:00:00	♁	01°49'23" ♄	-19°59'16"	-00°14'48"	00°06'58"	10.926
06/02/2050 00:00:00	♁	19°58'11" ♄	04°42'51"	00°48'28"	-00°02'03"	17.445
06/02/2050 00:00:00	♁	23°19'17" ♄	16°55'25"	-01°43'41"	00°00'08"	29.699
06/02/2050 00:00:00	♁	08°19'32" ♄	-20°05'19"	-12°35'58"	00°01'33"	42.353
06/02/2050 00:00:00	♁	26°37'06" ♄	-19°23'35"	00°00'00"	-00°14'04"	0.003
06/02/2050 00:00:00	♁	10°02'20" ♄	-18°10'14"	03°49'01"	00°04'26"	9.937
06/02/2050 00:00:00	♁	21°51'20" ♄	09°21'18"	-05°07'53"	00°06'43"	0.003

Ephemerides year 2050

06/02/2050 00:00:00	T♁	26°37'06" ♍	-19°23'35"	00°00'00"	-00°14'04"	0.003
06/02/2050 00:00:00	T♁	18°50'27" ♋	10°27'44"	-04°56'54"	03°24'20"	0.003
06/02/2050 00:00:00	X	00°16'37" ♄	06°20'29"	-05°34'18"	00°00'13"	93.175
06/02/2050 00:00:00	Y	17°20'53" ♀	11°47'52"	-11°04'41"	-00°00'17"	77.636
07/02/2050 00:00:00	♁	18°23'23" ♋	-15°18'41"	-00°00'00"	01°00'46"	0.986
07/02/2050 00:00:00	♂	19°50'34" ♋	10°08'52"	-04°57'26"	11°52'42"	0.003
07/02/2050 00:00:00	♀	00°26'10" ♋	-21°19'10"	-01°17'57"	01°29'52"	1.291
07/02/2050 00:00:00	♀	27°44'04" ♋	-13°37'29"	-01°27'29"	01°15'10"	1.682
07/02/2050 00:00:00	♂	11°07'56" ♄	-21°41'29"	00°24'58"	00°37'43"	1.681
07/02/2050 00:00:00	♃	26°55'41" ♄	21°17'30"	00°32'12"	-00°07'00"	4.324
07/02/2050 00:00:00	♃	01°56'21" ♋	-19°57'47"	-00°14'52"	00°06'57"	10.922
07/02/2050 00:00:00	♃	19°56'06" ♍	04°43'41"	00°48'29"	-00°02'05"	17.436
07/02/2050 00:00:00	♃	23°19'26" ♄	16°55'31"	-01°43'37"	00°00'10"	29.716
07/02/2050 00:00:00	♃	08°21'06" ♃	-20°04'39"	-12°35'54"	00°01'33"	42.360
07/02/2050 00:00:00	♁	26°22'28" ♍	-19°20'10"	00°00'00"	-00°15'00"	0.003
07/02/2050 00:00:00	♃	10°06'43" ♄	-18°10'18"	03°49'35"	00°04'21"	9.923
07/02/2050 00:00:00	♁	21°58'03" ♋	09°19'07"	-05°07'57"	00°06'43"	0.003
07/02/2050 00:00:00	T♁	26°22'28" ♍	-19°20'10"	00°00'00"	-00°15'00"	0.003
07/02/2050 00:00:00	T♁	22°11'05" ♋	09°23'53"	-04°58'34"	03°17'22"	0.003

Ephemerides year 2050

07/02/2050 00:00:00	X	00°16'50" ♄	06°20'39"	-05°34'13"	00°00'13"	93.192
07/02/2050 00:00:00	Y	17°20'36" ♃	11°47'59"	-11°04'33"	-00°00'16"	77.650
08/02/2050 00:00:00	♁	19°24'09" ♁	-14°59'49"	-00°00'00"	01°00'45"	0.986
08/02/2050 00:00:00	♃	01°43'15" ♃	06°12'54"	-04°57'56"	11°52'52"	0.003
08/02/2050 00:00:00	♀	01°56'28" ♁	-21°04'37"	-01°23'29"	01°30'42"	1.300
08/02/2050 00:00:00	♀	28°59'14" ♁	-13°11'38"	-01°27'48"	01°15'09"	1.681
08/02/2050 00:00:00	♂	11°45'39" ♃	-21°47'21"	00°24'14"	00°37'42"	1.672
08/02/2050 00:00:00	♃	26°48'43" ♃	21°18'55"	00°32'17"	-00°06'54"	4.331
08/02/2050 00:00:00	♃	02°03'18" ♁	-19°56'19"	-00°14'57"	00°06'55"	10.917
08/02/2050 00:00:00	♃	19°54'00" ♃	04°44'33"	00°48'31"	-00°02'07"	17.427
08/02/2050 00:00:00	♃	23°19'38" ♄	16°55'38"	-01°43'33"	00°00'12"	29.733
08/02/2050 00:00:00	♃	08°22'40" ♃	-20°04'00"	-12°35'50"	00°01'34"	42.367
08/02/2050 00:00:00	♁	26°07'29" ♃	-19°16'40"	00°00'00"	-00°14'43"	0.003
08/02/2050 00:00:00	♃	10°11'02" ♃	-18°10'20"	03°50'10"	00°04'16"	9.909
08/02/2050 00:00:00	♃	22°04'46" ♁	09°16'56"	-05°08'00"	00°06'43"	0.003
08/02/2050 00:00:00	T♁	26°07'29" ♃	-19°16'40"	00°00'00"	-00°14'43"	0.003
08/02/2050 00:00:00	T♃	25°26'22" ♁	08°19'59"	-04°59'20"	03°13'46"	0.003
08/02/2050 00:00:00	X	00°17'04" ♄	06°20'49"	-05°34'07"	00°00'14"	93.208
08/02/2050 00:00:00	Y	17°20'20" ♃	11°48'06"	-11°04'25"	-00°00'15"	77.665

Ephemerides year 2050

09/02/2050 00:00:00	☉	20°24'53" ♊	-14°40'42"	-00°00'00"	01°00'44"	0.986
09/02/2050 00:00:00	☾	13°36'46" ♋	02°02'45"	-04°45'27"	11°54'24"	0.003
09/02/2050 00:00:00	♀	03°27'35" ♊	-20°48'46"	-01°28'43"	01°31'32"	1.309
09/02/2050 00:00:00	♀	00°14'23" ♋	-12°45'25"	-01°28'03"	01°15'08"	1.679
09/02/2050 00:00:00	♂	12°23'22" ♋	-21°53'04"	00°23'29"	00°37'41"	1.662
09/02/2050 00:00:00	♃	26°41'53" ♋	21°20'19"	00°32'22"	-00°06'47"	4.337
09/02/2050 00:00:00	♄	02°10'13" ♊	-19°54'50"	-00°15'02"	00°06'54"	10.912
09/02/2050 00:00:00	♅	19°51'51" ♋	04°45'24"	00°48'32"	-00°02'09"	17.418
09/02/2050 00:00:00	♆	23°19'51" ♋	16°55'45"	-01°43'30"	00°00'14"	29.750
09/02/2050 00:00:00	♇	08°24'14" ♋	-20°03'20"	-12°35'47"	00°01'34"	42.373
09/02/2050 00:00:00	♈	25°53'24" ♋	-19°13'21"	00°00'00"	-00°13'16"	0.003
09/02/2050 00:00:00	♉	10°15'16" ♋	-18°10'22"	03°50'44"	00°04'10"	9.895
09/02/2050 00:00:00	♊	22°11'30" ♋	09°14'45"	-05°08'04"	00°06'43"	0.003
09/02/2050 00:00:00	T♈	25°53'24" ♋	-19°13'21"	00°00'00"	-00°13'16"	0.003
09/02/2050 00:00:00	T♉	28°39'16" ♋	07°15'20"	-04°59'15"	03°11'56"	0.003
09/02/2050 00:00:00	X	00°17'19" ♋	06°20'59"	-05°34'01"	00°00'14"	93.224
09/02/2050 00:00:00	Y	17°20'05" ♋	11°48'13"	-11°04'16"	-00°00'15"	77.680
10/02/2050 00:00:00	☉	21°25'37" ♊	-14°21'20"	-00°00'00"	01°00'42"	0.987
10/02/2050 00:00:00	☾	25°32'39" ♋	-02°12'50"	-04°20'24"	11°57'42"	0.003

Ephemerides year 2050

10/02/2050 00:00:00	♀	04°59'33" ♍	-20°31'35"	-01°33'40"	01°32'22"	1.317
10/02/2050 00:00:00	♀	01°29'31" ♋	-12°18'52"	-01°28'15"	01°15'07"	1.677
10/02/2050 00:00:00	♂	13°01'03" ♎	-21°58'37"	00°22'43"	00°37'40"	1.653
10/02/2050 00:00:00	♃	26°35'09" ♄	21°21'41"	00°32'27"	-00°06'40"	4.344
10/02/2050 00:00:00	♅	02°17'06" ♍	-19°53'21"	-00°15'06"	00°06'52"	10.906
10/02/2050 00:00:00	♁	19°49'40" ♉	04°46'17"	00°48'34"	-00°02'11"	17.410
10/02/2050 00:00:00	♆	23°20'06" ♄	16°55'52"	-01°43'26"	00°00'16"	29.768
10/02/2050 00:00:00	♁	08°25'49" ♋	-20°02'41"	-12°35'43"	00°01'35"	42.379
10/02/2050 00:00:00	♁	25°41'16" ♉	-19°10'29"	00°00'00"	-00°10'51"	0.003
10/02/2050 00:00:00	♂	10°19'24" ♎	-18°10'23"	03°51'19"	00°04'05"	9.881
10/02/2050 00:00:00	♁	22°18'13" ♄	09°12'34"	-05°08'07"	00°06'43"	0.003
10/02/2050 00:00:00	T♁	25°41'16" ♉	-19°10'29"	00°00'00"	-00°10'51"	0.003
10/02/2050 00:00:00	T♃	01°49'08" ♉	06°10'27"	-04°58'22"	03°06'43"	0.003
10/02/2050 00:00:00	X	00°17'34" ♄	06°21'09"	-05°33'56"	00°00'15"	93.240
10/02/2050 00:00:00	Y	17°19'50" ♃	11°48'20"	-11°04'08"	-00°00'14"	77.694
11/02/2050 00:00:00	☉	22°26'19" ♍	-14°01'44"	-00°00'00"	01°00'41"	0.987
11/02/2050 00:00:00	☾	07°32'59" ♋	-06°25'04"	-03°43'37"	12°03'24"	0.003
11/02/2050 00:00:00	♀	06°32'20" ♍	-20°13'05"	-01°38'18"	01°33'11"	1.325
11/02/2050 00:00:00	♀	02°44'38" ♋	-11°52'00"	-01°28'22"	01°15'06"	1.676

Ephemerides year 2050

11/02/2050 00:00:00	♂	13°38'43" ♂	-22°04'01"	00°21'57"	00°37'39"	1.644
11/02/2050 00:00:00	♃	26°28'32" ♃	21°23'01"	00°32'31"	-00°06'32"	4.351
11/02/2050 00:00:00	♅	02°23'59" ♁	-19°51'53"	-00°15'11"	00°06'51"	10.901
11/02/2050 00:00:00	♁	19°47'28" ♁	04°47'10"	00°48'35"	-00°02'13"	17.402
11/02/2050 00:00:00	♃	23°20'24" ♃	16°56'00"	-01°43'22"	00°00'18"	29.785
11/02/2050 00:00:00	♁	08°27'25" ♁	-20°02'01"	-12°35'40"	00°01'35"	42.384
11/02/2050 00:00:00	♁	25°31'52" ♁	-19°08'15"	00°00'00"	-00°07'52"	0.003
11/02/2050 00:00:00	♃	10°23'27" ♂	-18°10'22"	03°51'54"	00°04'00"	9.866
11/02/2050 00:00:00	♁	22°24'56" ♁	09°10'23"	-05°08'11"	00°06'43"	0.003
11/02/2050 00:00:00	T♁	25°31'52" ♁	-19°08'15"	00°00'00"	-00°07'52"	0.003
11/02/2050 00:00:00	T♃	04°49'41" ♁	05°07'45"	-04°56'43"	02°52'28"	0.003
11/02/2050 00:00:00	X	00°17'50" ♃	06°21'20"	-05°33'50"	00°00'16"	93.255
11/02/2050 00:00:00	Y	17°19'36" ♁	11°48'27"	-11°03'59"	-00°00'13"	77.709
12/02/2050 00:00:00	♁	23°27'01" ♁	-13°41'54"	-00°00'00"	01°00'40"	0.987
12/02/2050 00:00:00	♁	19°40'31" ♁	-10°24'47"	-02°56'19"	12°12'13"	0.003
12/02/2050 00:00:00	♁	08°05'56" ♁	-19°53'16"	-01°42'38"	01°34'01"	1.332
12/02/2050 00:00:00	♀	03°59'44" ♁	-11°24'48"	-01°28'26"	01°15'05"	1.674
12/02/2050 00:00:00	♂	14°16'22" ♂	-22°09'15"	00°21'10"	00°37'38"	1.634
12/02/2050 00:00:00	♃	26°22'03" ♃	21°24'19"	00°32'36"	-00°06'25"	4.358



Ephemerides year 2050

12/02/2050 00:00:00	♃	02°30'49" ♁	-19°50'24"	-00°15'16"	00°06'49"	10.895
12/02/2050 00:00:00	♃	19°45'13" ♁	04°48'04"	00°48'36"	-00°02'15"	17.394
12/02/2050 00:00:00	♃	23°20'43" ♁	16°56'09"	-01°43'18"	00°00'20"	29.802
12/02/2050 00:00:00	♃	08°29'00" ♁	-20°01'22"	-12°35'37"	00°01'35"	42.390
12/02/2050 00:00:00	♃	25°25'32" ♁	-19°06'44"	00°00'00"	-00°04'49"	0.003
12/02/2050 00:00:00	♃	10°27'24" ♁	-18°10'20"	03°52'30"	00°03'55"	9.852
12/02/2050 00:00:00	♃	22°31'40" ♁	09°08'12"	-05°08'14"	00°06'43"	0.003
12/02/2050 00:00:00	♃	25°25'32" ♁	-19°06'44"	00°00'00"	-00°04'49"	0.003
12/02/2050 00:00:00	♃	07°29'37" ♁	04°11'33"	-04°54'38"	02°24'55"	0.003
12/02/2050 00:00:00	X	00°18'06" ♁	06°21'31"	-05°33'45"	00°00'16"	93.271
12/02/2050 00:00:00	Y	17°19'23" ♁	11°48'34"	-11°03'51"	-00°00'12"	77.724
13/02/2050 00:00:00	♃	24°27'41" ♁	-13°21'50"	-00°00'00"	01°00'39"	0.987
13/02/2050 00:00:00	♃	01°58'42" ♁	-14°02'04"	-02°00'04"	12°24'50"	0.003
13/02/2050 00:00:00	♃	09°40'23" ♁	-19°32'06"	-01°46'39"	01°34'51"	1.339
13/02/2050 00:00:00	♃	05°14'50" ♁	-10°57'18"	-01°28'25"	01°15'04"	1.672
13/02/2050 00:00:00	♃	14°54'01" ♁	-22°14'20"	00°20'23"	00°37'37"	1.625
13/02/2050 00:00:00	♃	26°15'42" ♁	21°25'35"	00°32'40"	-00°06'17"	4.366
13/02/2050 00:00:00	♃	02°37'38" ♁	-19°48'56"	-00°15'21"	00°06'48"	10.889
13/02/2050 00:00:00	♃	19°42'57" ♁	04°48'59"	00°48'38"	-00°02'16"	17.386

Ephemerides year 2050

13/02/2050 00:00:00	♁	23°21'05"	♄	16°56'18"	-01°43'15"	00°00'22"	29.820
13/02/2050 00:00:00	♁	08°30'37"	♄	-20°00'43"	-12°35'35"	00°01'36"	42.395
13/02/2050 00:00:00	♁	25°22'04"	♄	-19°05'54"	00°00'00"	-00°02'13"	0.003
13/02/2050 00:00:00	♁	10°31'17"	♄	-18°10'17"	03°53'05"	00°03'49"	9.837
13/02/2050 00:00:00	♁	22°38'23"	♄	09°06'00"	-05°08'17"	00°06'43"	0.003
13/02/2050 00:00:00	T♁	25°22'04"	♄	-19°05'54"	00°00'00"	-00°02'13"	0.003
13/02/2050 00:00:00	T♁	09°34'24"	♄	03°27'20"	-04°52'36"	01°42'04"	0.003
13/02/2050 00:00:00	X	00°18'23"	♄	06°21'42"	-05°33'39"	00°00'17"	93.287
13/02/2050 00:00:00	Y	17°19'11"	♄	11°48'42"	-11°03'42"	-00°00'11"	77.740
14/02/2050 00:00:00	♁	25°28'20"	♄	-13°01'32"	-00°00'00"	01°00'38"	0.987
14/02/2050 00:00:00	♁	14°31'38"	♄	-17°05'48"	-00°56'51"	12°41'46"	0.003
14/02/2050 00:00:00	♁	11°15'40"	♄	-19°09'36"	-01°50'20"	01°35'42"	1.345
14/02/2050 00:00:00	♁	06°29'54"	♄	-10°29'31"	-01°28'21"	01°15'03"	1.671
14/02/2050 00:00:00	♁	15°31'37"	♄	-22°19'15"	00°19'35"	00°37'36"	1.616
14/02/2050 00:00:00	♁	26°09'29"	♄	21°26'50"	00°32'44"	-00°06'09"	4.374
14/02/2050 00:00:00	♁	02°44'26"	♄	-19°47'27"	-00°15'26"	00°06'46"	10.882
14/02/2050 00:00:00	♁	19°40'40"	♄	04°49'54"	00°48'39"	-00°02'18"	17.379
14/02/2050 00:00:00	♁	23°21'28"	♄	16°56'27"	-01°43'11"	00°00'24"	29.837
14/02/2050 00:00:00	♁	08°32'13"	♄	-20°00'04"	-12°35'33"	00°01'36"	42.399

Ephemerides year 2050

14/02/2050 00:00:00	♏	25°20'47"	♍r	-19°05'36"	00°00'00"	-00°00'30"	0.003
14/02/2050 00:00:00	♋	10°35'04"	♈	-18°10'14"	03°53'41"	00°03'44"	9.823
14/02/2050 00:00:00	♌	22°45'06"	♍	09°03'49"	-05°08'19"	00°06'43"	0.003
14/02/2050 00:00:00	T♏	25°20'47"	♍r	-19°05'36"	00°00'00"	-00°00'30"	0.003
14/02/2050 00:00:00	T♌	10°48'53"	♍	03°00'47"	-04°51'15"	00°44'43"	0.003
14/02/2050 00:00:00	X	00°18'41"	♄	06°21'53"	-05°33'33"	00°00'18"	93.302
14/02/2050 00:00:00	Y	17°18'59"	♄r	11°48'50"	-11°03'34"	-00°00'11"	77.755
15/02/2050 00:00:00	♁	26°28'58"	♁	-12°41'03"	-00°00'00"	01°00'37"	0.988
15/02/2050 00:00:00	♃	27°23'45"	♍	-19°23'44"	00°10'51"	13°03'12"	0.003
15/02/2050 00:00:00	♎	12°51'49"	♁	-18°45'45"	-01°53'41"	01°36'33"	1.351
15/02/2050 00:00:00	♊	07°44'57"	♈	-10°01'27"	-01°28'12"	01°15'03"	1.669
15/02/2050 00:00:00	♈	16°09'13"	♈	-22°24'01"	00°18'47"	00°37'35"	1.606
15/02/2050 00:00:00	♉	26°03'24"	♄r	21°28'02"	00°32'48"	-00°06'00"	4.382
15/02/2050 00:00:00	♄	02°51'12"	♁	-19°45'59"	-00°15'31"	00°06'45"	10.876
15/02/2050 00:00:00	♁	19°38'21"	♍r	04°50'50"	00°48'40"	-00°02'19"	17.372
15/02/2050 00:00:00	♎	23°21'54"	♄	16°56'37"	-01°43'07"	00°00'26"	29.854
15/02/2050 00:00:00	♌	08°33'50"	♈	-19°59'25"	-12°35'31"	00°01'37"	42.404
15/02/2050 00:00:00	♏	25°20'38"	♍r	-19°05'34"	00°00'00"	-00°00'00"	0.003
15/02/2050 00:00:00	♋	10°38'45"	♈	-18°10'09"	03°54'17"	00°03'38"	9.808

Ephemerides year 2050

15/02/2050 00:00:00	☾	22°51'50" ♈	09°01'38"	-05°08'22"	00°06'43"	0.003
15/02/2050 00:00:00	♁	25°20'38" ♎	-19°05'34"	00°00'00"	-00°00'00"	0.003
15/02/2050 00:00:00	♁	11°00'41" ♎	02°56'31"	-04°51'04"	-00°21'58"	0.003
15/02/2050 00:00:00	X	00°18'59" ♄	06°22'05"	-05°33'28"	00°00'18"	93.318
15/02/2050 00:00:00	Y	17°18'48" ♀	11°48'57"	-11°03'25"	-00°00'10"	77.770
16/02/2050 00:00:00	☉	27°29'35" ♋	-12°20'20"	00°00'00"	01°00'36"	0.988
16/02/2050 00:00:00	☾	10°39'24" ♈	-20°43'00"	01°20'00"	13°28'41"	0.003
16/02/2050 00:00:00	♀	14°28'48" ♋	-18°20'33"	-01°56'42"	01°37'25"	1.356
16/02/2050 00:00:00	♀	09°00'00" ♈	-09°33'07"	-01°28'00"	01°15'02"	1.667
16/02/2050 00:00:00	♂	16°46'48" ♈	-22°28'37"	00°17'57"	00°37'33"	1.597
16/02/2050 00:00:00	♃	25°57'28" ♉	21°29'13"	00°32'52"	-00°05'52"	4.390
16/02/2050 00:00:00	♃	02°57'56" ♋	-19°44'31"	-00°15'35"	00°06'43"	10.869
16/02/2050 00:00:00	♃	19°36'00" ♎	04°51'46"	00°48'41"	-00°02'21"	17.365
16/02/2050 00:00:00	♃	23°22'22" ♄	16°56'48"	-01°43'03"	00°00'28"	29.871
16/02/2050 00:00:00	♃	08°35'27" ♈	-19°58'46"	-12°35'30"	00°01'37"	42.408
16/02/2050 00:00:00	♁	25°20'20" ♎	-19°05'29"	00°00'00"	-00°00'48"	0.003
16/02/2050 00:00:00	♃	10°42'21" ♈	-18°10'03"	03°54'53"	00°03'33"	9.794
16/02/2050 00:00:00	☾	22°58'33" ♈	08°59'26"	-05°08'24"	00°06'43"	0.003
16/02/2050 00:00:00	♁	25°20'20" ♎	-19°05'29"	00°00'00"	-00°00'48"	0.003

Ephemerides year 2050

16/02/2050 00:00:00	T♄	10°05'25" ♎	03°16'09"	-04°52'12"	-01°27'04"	0.003
16/02/2050 00:00:00	X	00°19'18" ♉	06°22'16"	-05°33'23"	00°00'19"	93.333
16/02/2050 00:00:00	Y	17°18'38" ♋	11°49'05"	-11°03'16"	-00°00'09"	77.786
17/02/2050 00:00:00	☉	28°30'11" ♋	-11°59'26"	00°00'00"	01°00'35"	0.988
17/02/2050 00:00:00	☾	24°22'05" ♈	-20°51'58"	02°26'50"	13°56'58"	0.002
17/02/2050 00:00:00	♀	16°06'40" ♋	-17°54'01"	-01°59'21"	01°38'18"	1.361
17/02/2050 00:00:00	♀	10°15'02" ♈	-09°04'32"	-01°27'44"	01°15'01"	1.665
17/02/2050 00:00:00	♂	17°24'21" ♈	-22°33'03"	00°17'08"	00°37'32"	1.587
17/02/2050 00:00:00	♃	25°51'40" ♉	21°30'21"	00°32'56"	-00°05'43"	4.399
17/02/2050 00:00:00	♅	03°04'39" ♋	-19°43'03"	-00°15'40"	00°06'41"	10.862
17/02/2050 00:00:00	♁	19°33'38" ♎	04°52'43"	00°48'42"	-00°02'22"	17.358
17/02/2050 00:00:00	♃	23°22'52" ♉	16°56'59"	-01°43'00"	00°00'31"	29.889
17/02/2050 00:00:00	♁	08°37'05" ♈	-19°58'07"	-12°35'28"	00°01'37"	42.412
17/02/2050 00:00:00	♁	25°18'39" ♎	-19°05'05"	00°00'00"	-00°02'44"	0.003
17/02/2050 00:00:00	♃	10°45'52" ♈	-18°09'56"	03°55'29"	00°03'27"	9.779
17/02/2050 00:00:00	♁	23°05'17" ♉	08°57'15"	-05°08'27"	00°06'43"	0.003
17/02/2050 00:00:00	T♁	25°18'39" ♎	-19°05'05"	00°00'00"	-00°02'44"	0.003
17/02/2050 00:00:00	T♄	08°12'10" ♎	03°56'19"	-04°54'11"	-02°15'21"	0.003
17/02/2050 00:00:00	X	00°19'38" ♉	06°22'28"	-05°33'17"	00°00'19"	93.348

Ephemerides year 2050

17/02/2050 00:00:00	Y	17°18'29" ♀	11°49'13"	-11°03'07"	-00°00'08"	77.801
18/02/2050 00:00:00	☉	29°30'45" ♋	-11°38'20"	00°00'00"	01°00'34"	0.988
18/02/2050 00:00:00	☾	08°33'33" ♌	-19°42'45"	03°26'58"	14°25'47"	0.002
18/02/2050 00:00:00	♀	17°45'24" ♋	-17°26'07"	-02°01'39"	01°39'11"	1.366
18/02/2050 00:00:00	♀	11°30'02" ♋	-08°35'43"	-01°27'23"	01°15'00"	1.663
18/02/2050 00:00:00	♂	18°01'53" ♌	-22°37'20"	00°16'17"	00°37'31"	1.578
18/02/2050 00:00:00	♃	25°46'01" ♉	21°31'28"	00°32'59"	-00°05'34"	4.408
18/02/2050 00:00:00	♄	03°11'19" ♋	-19°41'36"	-00°15'45"	00°06'39"	10.854
18/02/2050 00:00:00	♅	19°31'14" ♌	04°53'40"	00°48'43"	-00°02'24"	17.352
18/02/2050 00:00:00	♆	23°23'24" ♉	16°57'10"	-01°42'56"	00°00'33"	29.906
18/02/2050 00:00:00	♇	08°38'43" ♋	-19°57'29"	-12°35'27"	00°01'37"	42.416
18/02/2050 00:00:00	♈	25°14'37" ♌	-19°04'07"	00°00'00"	-00°05'24"	0.003
18/02/2050 00:00:00	♉	10°49'17" ♌	-18°09'48"	03°56'06"	00°03'22"	9.764
18/02/2050 00:00:00	♊	23°12'00" ♉	08°55'03"	-05°08'29"	00°06'43"	0.003
18/02/2050 00:00:00	T♈	25°14'37" ♌	-19°04'07"	00°00'00"	-00°05'24"	0.003
18/02/2050 00:00:00	T♉	05°44'23" ♌	04°48'25"	-04°56'16"	-02°35'02"	0.003
18/02/2050 00:00:00	X	00°19'58" ♉	06°22'40"	-05°33'12"	00°00'20"	93.363
18/02/2050 00:00:00	Y	17°18'21" ♀	11°49'21"	-11°02'58"	-00°00'07"	77.817
19/02/2050 00:00:00	☉	00°31'19" ♋	-11°17'03"	00°00'00"	01°00'32"	0.988

Ephemerides year 2050

19/02/2050 00:00:00	♃	23°12'45"	♌	-17°14'11"	04°15'30"	14°51'51"	0.002
19/02/2050 00:00:00	♆	19°25'03"	♍	-16°56'52"	-02°03'35"	01°40'05"	1.370
19/02/2050 00:00:00	♀	12°45'02"	♋	-08°06'40"	-01°26'59"	01°14'59"	1.661
19/02/2050 00:00:00	♂	18°39'23"	♉	-22°41'27"	00°15'26"	00°37'29"	1.569
19/02/2050 00:00:00	♃	25°40'32"	♌	21°32'33"	00°33'03"	-00°05'24"	4.417
19/02/2050 00:00:00	♁	03°17'58"	♈	-19°40'08"	-00°15'50"	00°06'37"	10.847
19/02/2050 00:00:00	♁	19°28'49"	♈	04°54'38"	00°48'44"	-00°02'25"	17.346
19/02/2050 00:00:00	♆	23°23'58"	♍	16°57'22"	-01°42'52"	00°00'35"	29.923
19/02/2050 00:00:00	♃	08°40'21"	♌	-19°56'50"	-12°35'27"	00°01'38"	42.419
19/02/2050 00:00:00	♁	25°07'47"	♈	-19°02'29"	00°00'00"	-00°08'12"	0.003
19/02/2050 00:00:00	♃	10°52'36"	♉	-18°09'39"	03°56'42"	00°03'16"	9.749
19/02/2050 00:00:00	♁	23°18'44"	♈	08°52'52"	-05°08'31"	00°06'43"	0.003
19/02/2050 00:00:00	T♁	25°07'47"	♈	-19°02'29"	00°00'00"	-00°08'12"	0.003
19/02/2050 00:00:00	T♃	03°11'24"	♉	05°41'52"	-04°57'50"	-02°27'16"	0.003
19/02/2050 00:00:00	X	00°20'19"	♈	06°22'53"	-05°33'06"	00°00'21"	93.378
19/02/2050 00:00:00	Y	17°18'13"	♈	11°49'30"	-11°02'49"	-00°00'07"	77.833
20/02/2050 00:00:00	♃	01°31'51"	♌	-10°55'35"	00°00'00"	01°00'31"	0.989
20/02/2050 00:00:00	♃	08°15'05"	♌	-13°33'35"	04°47'47"	15°11'24"	0.002
20/02/2050 00:00:00	♆	21°05'35"	♍	-16°26'15"	-02°05'08"	01°40'59"	1.373

Ephemerides year 2050

20/02/2050 00:00:00	♀	14°00'00"	♈	-07°37'24"	-01°26'31"	01°14'57"	1.659
20/02/2050 00:00:00	♂	19°16'52"	♈	-22°45'24"	00°14'34"	00°37'27"	1.559
20/02/2050 00:00:00	♃	25°35'12"	♄	21°33'35"	00°33'06"	-00°05'15"	4.427
20/02/2050 00:00:00	♅	03°24'34"	♁	-19°38'41"	-00°15'55"	00°06'35"	10.839
20/02/2050 00:00:00	♁	19°26'23"	♃	04°55'36"	00°48'45"	-00°02'26"	17.340
20/02/2050 00:00:00	♃	23°24'34"	♄	16°57'35"	-01°42'48"	00°00'37"	29.940
20/02/2050 00:00:00	♄	08°41'59"	♈	-19°56'12"	-12°35'26"	00°01'38"	42.422
20/02/2050 00:00:00	♁	24°58'23"	♃	-19°00'13"	00°00'00"	-00°10'27"	0.003
20/02/2050 00:00:00	♃	10°55'49"	♈	-18°09'29"	03°57'19"	00°03'10"	9.735
20/02/2050 00:00:00	♄	23°25'27"	♁	08°50'40"	-05°08'33"	00°06'43"	0.003
20/02/2050 00:00:00	T♁	24°58'23"	♃	-19°00'13"	00°00'00"	-00°10'27"	0.003
20/02/2050 00:00:00	T♄	00°54'10"	♃	06°29'14"	-04°58'50"	-02°06'38"	0.003
20/02/2050 00:00:00	X	00°20'40"	♄	06°23'05"	-05°33'01"	00°00'21"	93.392
20/02/2050 00:00:00	Y	17°18'06"	♃	11°49'38"	-11°02'40"	-00°00'06"	77.849
21/02/2050 00:00:00	♁	02°32'21"	♈	-10°33'58"	00°00'00"	01°00'29"	0.989
21/02/2050 00:00:00	♃	23°32'13"	♁	-08°56'23"	05°00'12"	15°20'59"	0.002
21/02/2050 00:00:00	♄	22°47'02"	♁	-15°54'18"	-02°06'17"	01°41'55"	1.377
21/02/2050 00:00:00	♀	15°14'57"	♈	-07°07'56"	-01°25'59"	01°14'56"	1.657
21/02/2050 00:00:00	♂	19°54'18"	♈	-22°49'11"	00°13'41"	00°37'25"	1.550



Ephemerides year 2050

21/02/2050 00:00:00	♃	25°30'01"	♉	21°34'35"	00°33'09"	-00°05'05"	4.436
21/02/2050 00:00:00	♅	03°31'08"	♊	-19°37'14"	-00°16'00"	00°06'33"	10.831
21/02/2050 00:00:00	♆	19°23'55"	♋	04°56'35"	00°48'46"	-00°02'28"	17.335
21/02/2050 00:00:00	♇	23°25'12"	♌	16°57'48"	-01°42'45"	00°00'39"	29.957
21/02/2050 00:00:00	♈	08°43'37"	♍	-19°55'35"	-12°35'26"	00°01'38"	42.425
21/02/2050 00:00:00	♉	24°47'15"	♎	-18°57'31"	00°00'00"	-00°11'34"	0.003
21/02/2050 00:00:00	♊	10°58'57"	♏	-18°09'18"	03°57'56"	00°03'04"	9.720
21/02/2050 00:00:00	♋	23°32'11"	♐	08°48'29"	-05°08'34"	00°06'43"	0.003
21/02/2050 00:00:00	T♌	24°47'15"	♎	-18°57'31"	00°00'00"	-00°11'34"	0.003
21/02/2050 00:00:00	T♍	28°56'13"	♏	07°09'20"	-04°59'30"	-01°51'25"	0.003
21/02/2050 00:00:00	X	00°21'02"	♏	06°23'17"	-05°32'56"	00°00'22"	93.407
21/02/2050 00:00:00	Y	17°18'00"	♐	11°49'46"	-11°02'31"	-00°00'05"	77.865
22/02/2050 00:00:00	♌	03°32'50"	♎	-10°12'10"	00°00'00"	01°00'28"	0.989
22/02/2050 00:00:00	♍	08°53'06"	♎	-03°44'01"	04°51'08"	15°18'45"	0.002
22/02/2050 00:00:00	♎	24°29'26"	♊	-15°20'59"	-02°07'02"	01°42'51"	1.379
22/02/2050 00:00:00	♏	16°29'53"	♎	-06°38'17"	-01°25'23"	01°14'55"	1.655
22/02/2050 00:00:00	♐	20°31'43"	♏	-22°52'49"	00°12'48"	00°37'23"	1.540
22/02/2050 00:00:00	♃	25°25'00"	♉	21°35'34"	00°33'12"	-00°04'55"	4.446
22/02/2050 00:00:00	♅	03°37'40"	♊	-19°35'48"	-00°16'06"	00°06'30"	10.823

Ephemerides year 2050

22/02/2050 00:00:00	♃	19°21'27"	♎	04°57'34"	00°48'47"	-00°02'29"	17.330
22/02/2050 00:00:00	♃	23°25'53"	♏	16°58'01"	-01°42'41"	00°00'41"	29.975
22/02/2050 00:00:00	♃	08°45'16"	♏	-19°54'57"	-12°35'27"	00°01'38"	42.428
22/02/2050 00:00:00	♏	24°35'42"	♎	-18°54'43"	00°00'00"	-00°11'17"	0.003
22/02/2050 00:00:00	♃	11°01'58"	♏	-18°09'05"	03°58'34"	00°02'58"	9.705
22/02/2050 00:00:00	♃	23°38'54"	♏	08°46'17"	-05°08'36"	00°06'43"	0.003
22/02/2050 00:00:00	T♏	24°35'42"	♎	-18°54'43"	00°00'00"	-00°11'17"	0.003
22/02/2050 00:00:00	T♃	27°05'32"	♏	07°46'16"	-05°00'06"	-01°53'08"	0.003
22/02/2050 00:00:00	X	00°21'25"	♏	06°23'30"	-05°32'50"	00°00'22"	93.421
22/02/2050 00:00:00	Y	17°17'55"	♏	11°49'55"	-11°02'22"	-00°00'05"	77.881
23/02/2050 00:00:00	♏	04°33'17"	♏	-09°50'13"	00°00'00"	01°00'26"	0.989
23/02/2050 00:00:00	♏	24°05'51"	♏	01°39'31"	04°21'28"	15°04'58"	0.002
23/02/2050 00:00:00	♃	26°12'46"	♏	-14°46'19"	-02°07'22"	01°43'48"	1.381
23/02/2050 00:00:00	♃	17°44'48"	♏	-06°08'28"	-01°24'43"	01°14'53"	1.653
23/02/2050 00:00:00	♏	21°09'06"	♏	-22°56'17"	00°11'54"	00°37'22"	1.531
23/02/2050 00:00:00	♏	25°20'09"	♏	21°36'30"	00°33'15"	-00°04'45"	4.456
23/02/2050 00:00:00	♏	03°44'10"	♏	-19°34'22"	-00°16'11"	00°06'28"	10.814
23/02/2050 00:00:00	♃	19°18'57"	♎	04°58'33"	00°48'47"	-00°02'30"	17.325
23/02/2050 00:00:00	♃	23°26'35"	♏	16°58'15"	-01°42'37"	00°00'43"	29.992

Ephemerides year 2050

23/02/2050 00:00:00	♁	08°46'54"	♈	-19°54'20"	-12°35'27"	00°01'38"	42.430
23/02/2050 00:00:00	♁	24°25'06"	♍	-18°52'08"	00°00'00"	-00°09'41"	0.003
23/02/2050 00:00:00	♁	11°04'54"	♈	-18°08'52"	03°59'11"	00°02'52"	9.690
23/02/2050 00:00:00	♁	23°45'37"	♁	08°44'06"	-05°08'37"	00°06'43"	0.003
23/02/2050 00:00:00	♁	24°25'06"	♍	-18°52'08"	00°00'00"	-00°09'41"	0.003
23/02/2050 00:00:00	♁	25°04'11"	♁	08°25'57"	-05°00'45"	-02°11'43"	0.003
23/02/2050 00:00:00	X	00°21'47"	♁	06°23'43"	-05°32'45"	00°00'23"	93.435
23/02/2050 00:00:00	Y	17°17'50"	♁	11°50'04"	-11°02'13"	-00°00'04"	77.897
24/02/2050 00:00:00	♁	05°33'43"	♈	-09°28'07"	00°00'00"	01°00'24"	0.990
24/02/2050 00:00:00	♁	09°00'00"	♁	06°50'59"	03°34'22"	14°42'04"	0.002
24/02/2050 00:00:00	♁	27°57'03"	♁	-14°10'18"	-02°07'17"	01°44'46"	1.383
24/02/2050 00:00:00	♁	18°59'41"	♈	-05°38'29"	-01°23'59"	01°14'52"	1.651
24/02/2050 00:00:00	♁	21°46'27"	♈	-22°59'36"	00°10'59"	00°37'20"	1.522
24/02/2050 00:00:00	♁	25°15'28"	♁	21°37'24"	00°33'18"	-00°04'35"	4.467
24/02/2050 00:00:00	♁	03°50'37"	♁	-19°32'56"	-00°16'16"	00°06'26"	10.806
24/02/2050 00:00:00	♁	19°16'26"	♍	04°59'33"	00°48'48"	-00°02'31"	17.321
24/02/2050 00:00:00	♁	23°27'19"	♁	16°58'30"	-01°42'34"	00°00'45"	30.009
24/02/2050 00:00:00	♁	08°48'33"	♈	-19°53'43"	-12°35'28"	00°01'38"	42.432
24/02/2050 00:00:00	♁	24°16'37"	♍	-18°50'03"	00°00'00"	-00°07'09"	0.003

Ephemerides year 2050

24/02/2050 00:00:00	♄	11°07'44" ♀	-18°08'38"	03°59'48"	00°02'46"	9.675
24/02/2050 00:00:00	♁	23°52'21" ♀	08°41'54"	-05°08'39"	00°06'43"	0.003
24/02/2050 00:00:00	T♄	24°16'37" ♄	-18°50'03"	00°00'00"	-00°07'09"	0.003
24/02/2050 00:00:00	T♁	22°40'09" ♀	09°12'09"	-05°01'12"	-02°35'51"	0.003
24/02/2050 00:00:00	X	00°22'11" ♂	06°23'56"	-05°32'40"	00°00'23"	93.449
24/02/2050 00:00:00	Y	17°17'46" ♄	11°50'12"	-11°02'04"	-00°00'03"	77.913
25/02/2050 00:00:00	♃	06°34'07" ♀	-09°05'53"	00°00'00"	01°00'22"	0.990
25/02/2050 00:00:00	♃	23°28'12" ♂	11°30'14"	02°34'30"	14°13'43"	0.002
25/02/2050 00:00:00	♁	29°42'19" ♀	-13°32'57"	-02°06'45"	01°45'45"	1.384
25/02/2050 00:00:00	♁	20°14'33" ♀	-05°08'21"	-01°23'12"	01°14'51"	1.648
25/02/2050 00:00:00	♂	22°23'46" ♀	-23°02'45"	00°10'03"	00°37'18"	1.512
25/02/2050 00:00:00	♃	25°10'58" ♄	21°38'16"	00°33'20"	-00°04'25"	4.477
25/02/2050 00:00:00	♃	03°57'02" ♀	-19°31'30"	-00°16'21"	00°06'23"	10.797
25/02/2050 00:00:00	♄	19°13'54" ♄	05°00'33"	00°48'49"	-00°02'32"	17.317
25/02/2050 00:00:00	♁	23°28'05" ♂	16°58'45"	-01°42'30"	00°00'47"	30.025
25/02/2050 00:00:00	♃	08°50'12" ♀	-19°53'06"	-12°35'30"	00°01'38"	42.433
25/02/2050 00:00:00	♄	24°10'53" ♄	-18°48'39"	00°00'00"	-00°04'19"	0.003
25/02/2050 00:00:00	♄	11°10'28" ♀	-18°08'23"	04°00'26"	00°02'40"	9.660
25/02/2050 00:00:00	♁	23°59'04" ♀	08°39'43"	-05°08'40"	00°06'43"	0.003

Ephemerides year 2050

25/02/2050 00:00:00	T♄	24°10'53" ♍	-18°48'39"	00°00'00"	-00°04'19"	0.003
25/02/2050 00:00:00	T♄	19°56'29" ♋	10°03'32"	-05°01'08"	-02°48'02"	0.003
25/02/2050 00:00:00	X	00°22'35" ♋	06°24'09"	-05°32'35"	00°00'24"	93.463
25/02/2050 00:00:00	Y	17°17'43" ♋	11°50'21"	-11°01'55"	-00°00'02"	77.930
26/02/2050 00:00:00	☉	07°34'28" ♋	-08°43'30"	00°00'00"	01°00'20"	0.990
26/02/2050 00:00:00	☾	07°26'53" ♋	15°21'49"	01°27'03"	13°43'38"	0.003
26/02/2050 00:00:00	☿	01°28'34" ♋	-12°54'15"	-02°05'47"	01°46'44"	1.384
26/02/2050 00:00:00	♀	21°29'23" ♋	-04°38'05"	-01°22'20"	01°14'49"	1.646
26/02/2050 00:00:00	♂	23°01'04" ♎	-23°05'44"	00°09'07"	00°37'16"	1.503
26/02/2050 00:00:00	♃	25°06'38" ♋	21°39'06"	00°33'23"	-00°04'14"	4.488
26/02/2050 00:00:00	♅	04°03'24" ♋	-19°30'05"	-00°16'26"	00°06'21"	10.787
26/02/2050 00:00:00	♁	19°11'21" ♍	05°01'33"	00°48'49"	-00°02'32"	17.313
26/02/2050 00:00:00	♂	23°28'53" ♋	16°59'00"	-01°42'27"	00°00'49"	30.042
26/02/2050 00:00:00	♁	08°51'51" ♋	-19°52'29"	-12°35'31"	00°01'38"	42.435
26/02/2050 00:00:00	♁	24°07'51" ♍	-18°47'54"	00°00'00"	-00°01'50"	0.003
26/02/2050 00:00:00	♃	11°13'06" ♎	-18°08'07"	04°01'04"	00°02'35"	9.644
26/02/2050 00:00:00	♁	24°05'47" ♋	08°37'31"	-05°08'41"	00°06'43"	0.003
26/02/2050 00:00:00	T♄	24°07'51" ♍	-18°47'54"	00°00'00"	-00°01'50"	0.003
26/02/2050 00:00:00	T♄	17°12'49" ♋	10°53'42"	-05°00'22"	-02°34'27"	0.003

Ephemerides year 2050

26/02/2050 00:00:00	X	00°23'00" ♃	06°24'22"	-05°32'30"	00°00'24"	93.477
26/02/2050 00:00:00	Y	17°17'41" ♃	11°50'30"	-11°01'46"	-00°00'01"	77.946
27/02/2050 00:00:00	☉	08°34'48" ♃	-08°21'00"	-00°00'00"	01°00'18"	0.990
27/02/2050 00:00:00	☾	20°55'57" ♃	18°15'15"	00°16'51"	13°14'56"	0.003
27/02/2050 00:00:00	♀	03°15'48" ♃	-12°14'14"	-02°04'20"	01°47'43"	1.384
27/02/2050 00:00:00	♀	22°44'12" ♃	-04°07'41"	-01°21'25"	01°14'48"	1.644
27/02/2050 00:00:00	♂	23°38'19" ♂	-23°08'33"	00°08'10"	00°37'14"	1.493
27/02/2050 00:00:00	♃	25°02'29" ♃	21°39'53"	00°33'25"	-00°04'03"	4.499
27/02/2050 00:00:00	♃	04°09'44" ♃	-19°28'40"	-00°16'31"	00°06'18"	10.778
27/02/2050 00:00:00	♃	19°08'48" ♃	05°02'34"	00°48'50"	-00°02'33"	17.309
27/02/2050 00:00:00	♃	23°29'43" ♃	16°59'16"	-01°42'23"	00°00'51"	30.059
27/02/2050 00:00:00	♃	08°53'30" ♃	-19°51'53"	-12°35'33"	00°01'38"	42.436
27/02/2050 00:00:00	♃	24°06'54" ♃	-18°47'40"	00°00'00"	-00°00'13"	0.003
27/02/2050 00:00:00	♃	11°15'38" ♂	-18°07'49"	04°01'42"	00°02'29"	9.629
27/02/2050 00:00:00	♃	24°12'31" ♃	08°35'19"	-05°08'41"	00°06'43"	0.003
27/02/2050 00:00:00	T♃	24°06'54" ♃	-18°47'40"	00°00'00"	-00°00'13"	0.003
27/02/2050 00:00:00	T♃	14°56'40" ♃	11°34'28"	-04°59'09"	-01°54'02"	0.003
27/02/2050 00:00:00	X	00°23'25" ♃	06°24'35"	-05°32'25"	00°00'25"	93.490
27/02/2050 00:00:00	Y	17°17'40" ♃	11°50'39"	-11°01'37"	-00°00'00"	77.962

Ephemerides year 2050

28/02/2050 00:00:00	☉	09°35'06" ♈	-07°58'22"	-00°00'00"	01°00'16"	0.990
28/02/2050 00:00:00	☾	03°57'55" ♀	20°04'59"	-00°51'59"	12°49'40"	0.003
28/02/2050 00:00:00	♁	05°04'02" ♈	-11°32'53"	-02°02'25"	01°48'43"	1.383
28/02/2050 00:00:00	♂	23°58'59" ♈	-03°37'11"	-01°20'26"	01°14'46"	1.641
28/02/2050 00:00:00	♂	24°15'32" ♉	-23°11'13"	00°07'12"	00°37'12"	1.484
28/02/2050 00:00:00	♋	24°58'30" ♎	21°40'38"	00°33'27"	-00°03'53"	4.511
28/02/2050 00:00:00	♌	04°16'01" ♍	-19°27'16"	-00°16'37"	00°06'15"	10.769
28/02/2050 00:00:00	♍	19°06'14" ♎	05°03'35"	00°48'50"	-00°02'34"	17.306
28/02/2050 00:00:00	♎	23°30'35" ♏	16°59'32"	-01°42'19"	00°00'53"	30.076
28/02/2050 00:00:00	♏	08°55'09" ♈	-19°51'17"	-12°35'35"	00°01'38"	42.437
28/02/2050 00:00:00	♐	24°07'01" ♎	-18°47'41"	00°00'00"	00°00'13"	0.002
28/02/2050 00:00:00	♑	11°18'04" ♉	-18°07'31"	04°02'20"	00°02'23"	9.614
28/02/2050 00:00:00	♒	24°19'14" ♏	08°33'07"	-05°08'42"	00°06'43"	0.003
28/02/2050 00:00:00	T♐	24°07'01" ♎	-18°47'41"	00°00'00"	00°00'13"	0.002
28/02/2050 00:00:00	T♑	13°30'03" ♏	11°59'57"	-04°58'04"	-00°57'47"	0.003
28/02/2050 00:00:00	X	00°23'50" ♏	06°24'49"	-05°32'20"	00°00'26"	93.503
28/02/2050 00:00:00	Y	17°17'39" ♀	11°50'48"	-11°01'27"	-00°00'00"	77.979
01/03/2050 00:00:00	☉	10°35'22" ♈	-07°35'38"	-00°00'00"	01°00'14"	0.991
01/03/2050 00:00:00	☾	16°36'51" ♀	20°49'47"	-01°56'17"	12°28'59"	0.003

Ephemerides year 2050

01/03/2050 00:00:00	♀	06°53'16" ♈	-10°50'14"	-02°00'01"	01°49'43"	1.381
01/03/2050 00:00:00	♀	25°13'45" ♈	-03°06'35"	-01°19'23"	01°14'44"	1.639
01/03/2050 00:00:00	♂	24°52'44" ♉	-23°13'43"	00°06'13"	00°37'10"	1.475
01/03/2050 00:00:00	♃	24°54'43" ♉	21°41'22"	00°33'30"	-00°03'42"	4.522
01/03/2050 00:00:00	♃	04°22'16" ♉	-19°25'52"	-00°16'42"	00°06'13"	10.759
01/03/2050 00:00:00	♃	19°03'39" ♉	05°04'36"	00°48'51"	-00°02'34"	17.303
01/03/2050 00:00:00	♃	23°31'29" ♉	16°59'49"	-01°42'16"	00°00'54"	30.092
01/03/2050 00:00:00	♃	08°56'48" ♈	-19°50'41"	-12°35'38"	00°01'38"	42.437
01/03/2050 00:00:00	♃	24°06'57" ♉	-18°47'40"	00°00'00"	-00°00'33"	0.002
01/03/2050 00:00:00	♃	11°20'24" ♉	-18°07'12"	04°02'58"	00°02'17"	9.599
01/03/2050 00:00:00	♃	24°25'58" ♉	08°30'56"	-05°08'42"	00°06'43"	0.003
01/03/2050 00:00:00	T♃	24°06'57" ♉	-18°47'40"	00°00'00"	-00°00'33"	0.002
01/03/2050 00:00:00	T♃	13°01'34" ♉	12°08'19"	-04°57'36"	00°00'02"	0.003
01/03/2050 00:00:00	X	00°24'17" ♉	06°25'03"	-05°32'15"	00°00'26"	93.516
01/03/2050 00:00:00	Y	17°17'40" ♈	11°50'57"	-11°01'18"	00°00'00"	77.995
02/03/2050 00:00:00	♃	11°35'36" ♈	-07°12'47"	-00°00'00"	01°00'12"	0.991
02/03/2050 00:00:00	♃	28°57'33" ♈	20°32'06"	-02°53'31"	12°13'13"	0.003
02/03/2050 00:00:00	♀	08°43'29" ♈	-10°06'18"	-01°57'07"	01°50'42"	1.379
02/03/2050 00:00:00	♀	26°28'29" ♈	-02°35'53"	-01°18'16"	01°14'43"	1.636



Ephemerides year 2050

02/03/2050 00:00:00	♂	25°29'53" ♄	-23°16'03"	00°05'14"	00°37'08"	1.465
02/03/2050 00:00:00	♃	24°51'06" ♃	21°42'03"	00°33'32"	-00°03'31"	4.534
02/03/2050 00:00:00	♅	04°28'28" ♁	-19°24'28"	-00°16'47"	00°06'10"	10.749
02/03/2050 00:00:00	♁	19°01'04" ♃	05°05'37"	00°48'51"	-00°02'35"	17.301
02/03/2050 00:00:00	♃	23°32'25" ♃	17°00'06"	-01°42'12"	00°00'56"	30.109
02/03/2050 00:00:00	♁	08°58'26" ♃	-19°50'05"	-12°35'41"	00°01'38"	42.437
02/03/2050 00:00:00	♁	24°05'33" ♃	-18°47'20"	00°00'00"	-00°02'23"	0.003
02/03/2050 00:00:00	♃	11°22'38" ♄	-18°06'52"	04°03'37"	00°02'11"	9.584
02/03/2050 00:00:00	♁	24°32'41" ♃	08°28'44"	-05°08'43"	00°06'43"	0.003
02/03/2050 00:00:00	T♁	24°05'33" ♃	-18°47'20"	00°00'00"	-00°02'23"	0.003
02/03/2050 00:00:00	T♁	13°27'09" ♃	12°00'59"	-04°57'50"	00°49'06"	0.003
02/03/2050 00:00:00	X	00°24'44" ♃	06°25'17"	-05°32'10"	00°00'27"	93.529
02/03/2050 00:00:00	Y	17°17'41" ♃	11°51'07"	-11°01'09"	00°00'01"	78.012
03/03/2050 00:00:00	♃	12°35'48" ♃	-06°49'50"	-00°00'00"	01°00'10"	0.991
03/03/2050 00:00:00	♃	11°04'52" ♃	19°17'06"	-03°41'47"	12°02'10"	0.003
03/03/2050 00:00:00	♁	10°34'41" ♃	-09°21'06"	-01°53'41"	01°51'41"	1.376
03/03/2050 00:00:00	♀	27°43'11" ♃	-02°05'08"	-01°17'06"	01°14'41"	1.634
03/03/2050 00:00:00	♂	26°07'01" ♄	-23°18'14"	00°04'13"	00°37'06"	1.456
03/03/2050 00:00:00	♃	24°47'41" ♃	21°42'42"	00°33'34"	-00°03'20"	4.546

Ephemerides year 2050

03/03/2050 00:00:00	♃	04°34'37" ♊	-19°23'05"	-00°16'53"	00°06'07"	10.738
03/03/2050 00:00:00	♃	18°58'28" ♊	05°06'38"	00°48'52"	-00°02'35"	17.298
03/03/2050 00:00:00	♃	23°33'23" ♊	17°00'24"	-01°42'09"	00°00'58"	30.125
03/03/2050 00:00:00	♃	09°00'05" ♊	-19°49'30"	-12°35'44"	00°01'38"	42.437
03/03/2050 00:00:00	♃	24°01'55" ♊	-18°46'26"	00°00'00"	-00°04'55"	0.003
03/03/2050 00:00:00	♃	11°24'46" ♊	-18°06'31"	04°04'15"	00°02'04"	9.569
03/03/2050 00:00:00	♃	24°39'25" ♊	08°26'32"	-05°08'43"	00°06'43"	0.003
03/03/2050 00:00:00	♃	24°01'55" ♊	-18°46'26"	00°00'00"	-00°04'55"	0.003
03/03/2050 00:00:00	♃	14°35'17" ♊	11°41'06"	-04°58'35"	01°24'49"	0.003
03/03/2050 00:00:00	X	00°25'11" ♊	06°25'31"	-05°32'05"	00°00'27"	93.542
03/03/2050 00:00:00	Y	17°17'43" ♊	11°51'16"	-11°01'00"	00°00'02"	78.028
04/03/2050 00:00:00	♃	13°35'58" ♊	-06°26'48"	-00°00'00"	01°00'08"	0.991
04/03/2050 00:00:00	♃	23°03'18" ♊	17°11'41"	-04°19'36"	11°55'20"	0.003
04/03/2050 00:00:00	♃	12°26'51" ♊	-08°34'39"	-01°49'45"	01°52'38"	1.372
04/03/2050 00:00:00	♃	28°57'52" ♊	-01°34'18"	-01°15'51"	01°14'39"	1.631
04/03/2050 00:00:00	♃	26°44'06" ♊	-23°20'15"	00°03'12"	00°37'04"	1.446
04/03/2050 00:00:00	♃	24°44'26" ♊	21°43'18"	00°33'36"	-00°03'08"	4.558
04/03/2050 00:00:00	♃	04°40'43" ♊	-19°21'43"	-00°16'58"	00°06'04"	10.728
04/03/2050 00:00:00	♃	18°55'52" ♊	05°07'40"	00°48'52"	-00°02'36"	17.296

Ephemerides year 2050

04/03/2050 00:00:00	♁	23°34'22"	♄	17°00'42"	-01°42'05"	00°01'00"	30.142
04/03/2050 00:00:00	♁	09°01'44"	♃	-19°48'55"	-12°35'47"	00°01'38"	42.437
04/03/2050 00:00:00	♁	23°55'36"	♄	-18°44'53"	00°00'00"	-00°07'42"	0.003
04/03/2050 00:00:00	♁	11°26'48"	♂	-18°06'09"	04°04'53"	00°01'58"	9.554
04/03/2050 00:00:00	♁	24°46'08"	♁	08°24'20"	-05°08'43"	00°06'43"	0.003
04/03/2050 00:00:00	T♁	23°55'36"	♄	-18°44'53"	00°00'00"	-00°07'42"	0.003
04/03/2050 00:00:00	T♁	16°12'19"	♁	11°12'17"	-04°59'31"	01°47'12"	0.003
04/03/2050 00:00:00	X	00°25'39"	♄	06°25'45"	-05°32'00"	00°00'27"	93.554
04/03/2050 00:00:00	Y	17°17'46"	♁	11°51'26"	-11°00'50"	00°00'03"	78.045
05/03/2050 00:00:00	♁	14°36'05"	♃	-06°03'40"	-00°00'00"	01°00'06"	0.992
05/03/2050 00:00:00	♁	04°56'42"	♁	14°23'48"	-04°45'48"	11°52'00"	0.003
05/03/2050 00:00:00	♁	14°19'58"	♃	-07°46'59"	-01°45'16"	01°53'34"	1.367
05/03/2050 00:00:00	♁	00°12'30"	♁	-01°03'26"	-01°14'34"	01°14'37"	1.629
05/03/2050 00:00:00	♁	27°21'09"	♂	-23°22'06"	00°02'10"	00°37'02"	1.437
05/03/2050 00:00:00	♁	24°41'23"	♄	21°43'53"	00°33'37"	-00°02'57"	4.570
05/03/2050 00:00:00	♁	04°46'46"	♁	-19°20'21"	-00°17'03"	00°06'01"	10.717
05/03/2050 00:00:00	♁	18°53'16"	♄	05°08'41"	00°48'52"	-00°02'36"	17.295
05/03/2050 00:00:00	♁	23°35'24"	♄	17°01'00"	-01°42'02"	00°01'02"	30.158
05/03/2050 00:00:00	♁	09°03'23"	♃	-19°48'21"	-12°35'51"	00°01'38"	42.436

Ephemerides year 2050

05/03/2050 00:00:00	♏	23°46'35"	♍	-18°42'39"	00°00'00"	-00°10'15"	0.003
05/03/2050 00:00:00	♋	11°28'44"	♈	-18°05'46"	04°05'32"	00°01'52"	9.539
05/03/2050 00:00:00	♏	24°52'52"	♏	08°22'08"	-05°08'43"	00°06'43"	0.003
05/03/2050 00:00:00	T♏	23°46'35"	♍	-18°42'39"	00°00'00"	-00°10'15"	0.003
05/03/2050 00:00:00	T♏	18°06'23"	♏	10°37'41"	-05°00'25"	01°59'42"	0.003
05/03/2050 00:00:00	X	00°26'07"	♏	06°25'59"	-05°31'55"	00°00'28"	93.567
05/03/2050 00:00:00	Y	17°17'49"	♏	11°51'35"	-11°00'41"	00°00'03"	78.061
06/03/2050 00:00:00	♏	15°36'11"	♏	-05°40'27"	-00°00'00"	01°00'04"	0.992
06/03/2050 00:00:00	♏	16°48'15"	♏	11°01'43"	-04°59'34"	11°51'28"	0.003
06/03/2050 00:00:00	♏	16°13'58"	♏	-06°58'09"	-01°40'14"	01°54'26"	1.361
06/03/2050 00:00:00	♏	01°27'07"	♏	-00°32'32"	-01°13'12"	01°14'36"	1.626
06/03/2050 00:00:00	♏	27°58'10"	♏	-23°23'48"	00°01'08"	00°37'00"	1.428
06/03/2050 00:00:00	♏	24°38'31"	♏	21°44'25"	00°33'39"	-00°02'46"	4.583
06/03/2050 00:00:00	♏	04°52'47"	♏	-19°19'00"	-00°17'09"	00°05'58"	10.707
06/03/2050 00:00:00	♏	18°50'39"	♏	05°09'43"	00°48'52"	-00°02'37"	17.293
06/03/2050 00:00:00	♏	23°36'27"	♏	17°01'19"	-01°41'59"	00°01'04"	30.174
06/03/2050 00:00:00	♏	09°05'01"	♏	-19°47'46"	-12°35'55"	00°01'38"	42.436
06/03/2050 00:00:00	♏	23°35'19"	♏	-18°39'51"	00°00'00"	-00°12'08"	0.003
06/03/2050 00:00:00	♏	11°30'34"	♏	-18°05'22"	04°06'11"	00°01'46"	9.524

Ephemerides year 2050

06/03/2050 00:00:00	☾	24°59'35" ♋	08°19'56"	-05°08'42"	00°06'43"	0.003	
06/03/2050 00:00:00	♁	23°35'19" ♎	-18°39'51"		00°00'00"	-00°12'08"	0.003
06/03/2050 00:00:00	♁	20°10'28" ♋	09°59'13"	-05°01'08"	02°08'29"	0.003	
06/03/2050 00:00:00	X	00°26'35" ♋	06°26'13"	-05°31'50"	00°00'28"	93.579	
06/03/2050 00:00:00	Y	17°17'53" ♀	11°51'45"	-11°00'32"	00°00'04"	78.078	
07/03/2050 00:00:00	☉	16°36'15" ♋	-05°17'10"	-00°00'00"	01°00'02"	0.992	
07/03/2050 00:00:00	☾	28°40'20" ♋	07°13'56"	-05°00'22"	11°53'01"	0.003	
07/03/2050 00:00:00	♀	18°08'50" ♋	-06°08'12"	-01°34'38"	01°55'16"	1.355	
07/03/2050 00:00:00	♀	02°41'43" ♋	-00°01'36"	-01°11'47"	01°14'34"	1.623	
07/03/2050 00:00:00	♂	28°35'10" ♋	-23°25'21"	00°00'04"	00°36'58"	1.418	
07/03/2050 00:00:00	♃	24°35'50" ♎	21°44'56"	00°33'41"	-00°02'35"	4.595	
07/03/2050 00:00:00	♃	04°58'44" ♎	-19°17'39"	-00°17'14"	00°05'55"	10.696	
07/03/2050 00:00:00	♃	18°48'02" ♎	05°10'45"	00°48'52"	-00°02'37"	17.292	
07/03/2050 00:00:00	♃	23°37'32" ♋	17°01'39"	-01°41'55"	00°01'06"	30.190	
07/03/2050 00:00:00	♃	09°06'39" ♋	-19°47'13"	-12°35'59"	00°01'38"	42.434	
07/03/2050 00:00:00	♁	23°22'38" ♎	-18°36'41"	00°00'00"	-00°13'02"	0.003	
07/03/2050 00:00:00	♃	11°32'17" ♋	-18°04'57"	04°06'50"	00°01'40"	9.509	
07/03/2050 00:00:00	☾	25°06'18" ♋	08°17'44"	-05°08'42"	00°06'43"	0.003	
07/03/2050 00:00:00	♁	23°22'38" ♎	-18°36'41"		00°00'00"	-00°13'02"	0.003

Ephemerides year 2050

07/03/2050 00:00:00	T♄	22°24'44" ♈	09°16'41"	-05°01'36"	02°21'19"	0.003
07/03/2050 00:00:00	X	00°27'04" ♉	06°26'28"	-05°31'46"	00°00'29"	93.591
07/03/2050 00:00:00	Y	17°17'58" ♊	11°51'55"	-11°00'23"	00°00'05"	78.094
08/03/2050 00:00:00	☉	17°36'16" ♋	-04°53'48"	-00°00'00"	01°00'00"	0.992
08/03/2050 00:00:00	☾	10°34'48" ♌	03°08'58"	-04°48'06"	11°56'07"	0.003
08/03/2050 00:00:00	♀	20°04'29" ♋	-05°17'10"	-01°28'29"	01°56'01"	1.347
08/03/2050 00:00:00	♀	03°56'16" ♋	00°29'20"	-01°10'19"	01°14'32"	1.621
08/03/2050 00:00:00	♂	29°12'06" ♌	-23°26'43"	00°00'59"	00°36'55"	1.409
08/03/2050 00:00:00	♃	24°33'21" ♌	21°45'24"	00°33'42"	-00°02'23"	4.608
08/03/2050 00:00:00	♅	05°04'38" ♌	-19°16'18"	-00°17'20"	00°05'52"	10.684
08/03/2050 00:00:00	♁	18°45'25" ♌	05°11'46"	00°48'52"	-00°02'37"	17.291
08/03/2050 00:00:00	♃	23°38'39" ♌	17°01'58"	-01°41'52"	00°01'07"	30.206
08/03/2050 00:00:00	♁	09°08'17" ♋	-19°46'39"	-12°36'04"	00°01'37"	42.433
08/03/2050 00:00:00	♁	23°09'36" ♌	-18°33'24"	00°00'00"	-00°12'51"	0.003
08/03/2050 00:00:00	♃	11°33'54" ♌	-18°04'32"	04°07'29"	00°01'34"	9.494
08/03/2050 00:00:00	♄	25°13'02" ♈	08°15'33"	-05°08'41"	00°06'43"	0.003
08/03/2050 00:00:00	T♁	23°09'36" ♌	-18°33'24"	00°00'00"	-00°12'51"	0.003
08/03/2050 00:00:00	T♄	24°56'34" ♈	08°27'31"	-05°01'44"	02°44'19"	0.003
08/03/2050 00:00:00	X	00°27'34" ♉	06°26'42"	-05°31'41"	00°00'29"	93.602

Ephemerides year 2050

08/03/2050 00:00:00	Y	17°18'04" ♀	11°52'04"	-11°00'13"	00°00'06"	78.111
09/03/2050 00:00:00	☉	18°36'16" ♀	-04°30'22"	-00°00'00"	00°59'58"	0.993
09/03/2050 00:00:00	☾	22°33'01" ♃	-01°04'25"	-04°23'04"	12°00'29"	0.003
09/03/2050 00:00:00	♀	22°00'51" ♀	-04°25'07"	-01°21'45"	01°56'40"	1.339
09/03/2050 00:00:00	♀	05°10'47" ♀	01°00'17"	-01°08'47"	01°14'30"	1.618
09/03/2050 00:00:00	♂	29°49'01" ♂	-23°27'57"	0-00°02'04"	00°36'53"	1.399
09/03/2050 00:00:00	♃	24°31'03" ♃	21°45'50"	00°33'44"	-00°02'12"	4.621
09/03/2050 00:00:00	♄	05°10'29" ♃	-19°14'59"	-00°17'25"	00°05'49"	10.673
09/03/2050 00:00:00	♅	18°42'47" ♃	05°12'48"	00°48'52"	-00°02'37"	17.291
09/03/2050 00:00:00	♆	23°39'48" ♂	17°02'19"	-01°41'48"	00°01'09"	30.222
09/03/2050 00:00:00	♁	09°09'55" ♀	-19°46'06"	-12°36'09"	00°01'37"	42.431
09/03/2050 00:00:00	♁	22°57'18" ♃	-18°30'18"	00°00'00"	-00°11'34"	0.003
09/03/2050 00:00:00	♂	11°35'25" ♂	-18°04'05"	04°08'08"	00°01'27"	9.479
09/03/2050 00:00:00	♁	25°19'45" ♂	08°13'21"	-05°08'41"	00°06'43"	0.003
09/03/2050 00:00:00	T♁	22°57'18" ♃	-18°30'18"	00°00'00"	-00°11'34"	0.003
09/03/2050 00:00:00	T♁	27°56'52" ♂	07°27'55"	-05°01'12"	03°17'33"	0.003
09/03/2050 00:00:00	X	00°28'04" ♂	06°26'57"	-05°31'36"	00°00'30"	93.614
09/03/2050 00:00:00	Y	17°18'11" ♀	11°52'14"	-11°00'04"	00°00'07"	78.127
10/03/2050 00:00:00	☉	19°36'14" ♀	-04°06'53"	-00°00'00"	00°59'57"	0.993

Ephemerides year 2050

10/03/2050 00:00:00	♃	04°36'11"	♈	-05°17'11"	-03°46'04"	12°06'02"	0.003
10/03/2050 00:00:00	♆	23°57'48"	♄	-03°32'10"	-01°14'27"	01°57'12"	1.329
10/03/2050 00:00:00	♀	06°25'17"	♃	01°31'13"	-01°07'11"	01°14'28"	1.615
10/03/2050 00:00:00	♂	00°25'54"	♁	-23°29'01"	0-00°03'10"	00°36'51"	1.390
10/03/2050 00:00:00	♃	24°28'56"	♄	21°46'14"	00°33'45"	-00°02'00"	4.634
10/03/2050 00:00:00	♄	05°16'16"	♁	-19°13'40"	-00°17'31"	00°05'46"	10.661
10/03/2050 00:00:00	♃	18°40'10"	♄	05°13'50"	00°48'52"	-00°02'37"	17.291
10/03/2050 00:00:00	♆	23°40'58"	♁	17°02'39"	-01°41'45"	00°01'11"	30.237
10/03/2050 00:00:00	♃	09°11'33"	♄	-19°45'33"	-12°36'14"	00°01'37"	42.429
10/03/2050 00:00:00	♁	22°46'44"	♄	-18°27'38"	00°00'00"	-00°09'26"	0.003
10/03/2050 00:00:00	♃	11°36'50"	♁	-18°03'37"	04°08'47"	00°01'21"	9.464
10/03/2050 00:00:00	♁	25°26'28"	♁	08°11'09"	-05°08'40"	00°06'43"	0.003
10/03/2050 00:00:00	T♁	22°46'44"	♄	-18°27'38"	00°00'00"	-00°09'26"	0.003
10/03/2050 00:00:00	T♃	01°32'31"	♄	06°15'13"	-04°59'29"	03°53'08"	0.003
10/03/2050 00:00:00	X	00°28'34"	♁	06°27'11"	-05°31'32"	00°00'30"	93.625
10/03/2050 00:00:00	Y	17°18'18"	♁	11°52'24"	-10°59'55"	00°00'07"	78.144
11/03/2050 00:00:00	♁	20°36'10"	♄	-03°43'21"	-00°00'00"	00°59'55"	0.993
11/03/2050 00:00:00	♃	16°45'34"	♈	-09°19'43"	-02°58'22"	12°12'59"	0.003
11/03/2050 00:00:00	♆	25°55'14"	♄	-02°38'22"	-01°06'34"	01°57'36"	1.319



Ephemerides year 2050

11/03/2050 00:00:00	♀	07°39'45"	♄	02°02'08"	-01°05'32"	01°14'27"	1.612
11/03/2050 00:00:00	♂	01°02'44"	♌	-23°29'55"	♁-00°04'17"	00°36'49"	1.381
11/03/2050 00:00:00	♃	24°27'01"	♄	21°46'35"	00°33'46"	-00°01'49"	4.648
11/03/2050 00:00:00	♅	05°22'01"	♁	-19°12'21"	-00°17'36"	00°05'42"	10.650
11/03/2050 00:00:00	♁	18°37'32"	♄	05°14'51"	00°48'52"	-00°02'37"	17.291
11/03/2050 00:00:00	♃	23°42'10"	♄	17°03'00"	-01°41'42"	00°01'13"	30.253
11/03/2050 00:00:00	♁	09°13'10"	♃	-19°45'01"	-12°36'20"	00°01'37"	42.427
11/03/2050 00:00:00	♁	22°38'36"	♄	-18°25'34"	00°00'00"	-00°06'45"	0.003
11/03/2050 00:00:00	♃	11°38'09"	♂	-18°03'09"	04°09'26"	00°01'15"	9.449
11/03/2050 00:00:00	♁	25°33'12"	♁	08°08'57"	-05°08'39"	00°06'43"	0.003
11/03/2050 00:00:00	T♁	22°38'36"	♄	-18°25'34"	00°00'00"	-00°06'45"	0.003
11/03/2050 00:00:00	T♁	05°39'47"	♄	04°50'19"	-04°56'02"	04°18'42"	0.003
11/03/2050 00:00:00	X	00°29'05"	♄	06°27'26"	-05°31'27"	00°00'30"	93.636
11/03/2050 00:00:00	Y	17°18'26"	♁	11°52'34"	-10°59'46"	00°00'08"	78.161
12/03/2050 00:00:00	♁	21°36'05"	♃	-03°19'46"	-00°00'00"	00°59'53"	0.993
12/03/2050 00:00:00	♃	29°02'47"	♁	-13°01'43"	-02°01'46"	12°21'46"	0.003
12/03/2050 00:00:00	♁	27°52'58"	♃	-01°43'50"	-00°58'07"	01°57'50"	1.307
12/03/2050 00:00:00	♀	08°54'12"	♄	02°33'00"	-01°03'50"	01°14'25"	1.609
12/03/2050 00:00:00	♂	01°39'32"	♌	-23°30'40"	♁-00°05'25"	00°36'46"	1.371

Ephemerides year 2050

12/03/2050 00:00:00	♃	24°25'18"	♄	21°46'55"	♅	00°33'48"	♁	-00°01'37"	4.661
12/03/2050 00:00:00	♄	05°27'42"	♁	-19°11'03"	♅	-00°17'42"	♁	00°05'39"	10.638
12/03/2050 00:00:00	♅	18°34'55"	♄	05°15'53"	♅	00°48'52"	♁	-00°02'37"	17.291
12/03/2050 00:00:00	♆	23°43'24"	♁	17°03'22"	♅	-01°41'39"	♁	00°01'14"	30.268
12/03/2050 00:00:00	♇	09°14'47"	♁	-19°44'29"	♅	-12°36'25"	♁	00°01'36"	42.424
12/03/2050 00:00:00	♈	22°33'15"	♄	-18°24'12"	♅	00°00'00"	♁	-00°03'58"	0.003
12/03/2050 00:00:00	♉	11°39'21"	♁	-18°02'40"	♅	04°10'05"	♁	00°01'09"	9.434
12/03/2050 00:00:00	♊	25°39'55"	♁	08°06'45"	♅	-05°08'37"	♁	00°06'43"	0.003
12/03/2050 00:00:00	T♈	22°33'15"	♄	-18°24'12"	♅	00°00'00"	♁	-00°03'58"	0.003
12/03/2050 00:00:00	T♉	10°02'59"	♄	03°18'33"	♅	-04°50'36"	♁	04°23'37"	0.003
12/03/2050 00:00:00	X	00°29'36"	♁	06°27'41"	♅	-05°31'23"	♁	00°00'31"	93.647
12/03/2050 00:00:00	Y	17°18'36"	♁	11°52'44"	♅	-10°59'36"	♁	00°00'09"	78.177
13/03/2050 00:00:00	♋	22°35'57"	♁	-02°56'09"	♅	-00°00'00"	♁	00°59'51"	0.994
13/03/2050 00:00:00	♌	11°29'55"	♄	-16°12'13"	♅	-00°58'28"	♁	12°32'54"	0.003
13/03/2050 00:00:00	♍	29°50'51"	♁	-00°48'42"	♅	-00°49'07"	♁	01°57'52"	1.294
13/03/2050 00:00:00	♎	10°08'36"	♁	03°03'50"	♅	-01°02'05"	♁	01°14'23"	1.606
13/03/2050 00:00:00	♏	02°16'18"	♁	-23°31'16"	♅	-00°06'33"	♁	00°36'44"	1.362
13/03/2050 00:00:00	♐	24°23'46"	♄	21°47'12"	♅	00°33'49"	♁	-00°01'26"	4.675
13/03/2050 00:00:00	♑	05°33'20"	♁	-19°09'46"	♅	-00°17'48"	♁	00°05'36"	10.626

Ephemerides year 2050

13/03/2050 00:00:00	♃	18°32'18" ♎	05°16'54"	00°48'52"	-00°02'36"	17.292
13/03/2050 00:00:00	♃	23°44'40" ♏	17°03'43"	-01°41'35"	00°01'16"	30.283
13/03/2050 00:00:00	♃	09°16'24" ♏	-19°43'57"	-12°36'32"	00°01'36"	42.421
13/03/2050 00:00:00	♃	22°30'32" ♎	-18°23'31"	00°00'00"	-00°01'32"	0.003
13/03/2050 00:00:00	♃	11°40'27" ♏	-18°02'10"	04°10'44"	00°01'03"	9.419
13/03/2050 00:00:00	♃	25°46'38" ♏	08°04'33"	-05°08'36"	00°06'43"	0.003
13/03/2050 00:00:00	♃	22°30'32" ♎	-18°23'31"	00°00'00"	-00°01'32"	0.003
13/03/2050 00:00:00	♃	14°18'20" ♎	01°48'34"	-04°43'39"	04°02'33"	0.003
13/03/2050 00:00:00	X	00°30'08" ♏	06°27'56"	-05°31'18"	00°00'31"	93.657
13/03/2050 00:00:00	Y	17°18'45" ♏	11°52'54"	-10°59'27"	00°00'10"	78.194
14/03/2050 00:00:00	♃	23°35'48" ♏	-02°32'30"	-00°00'00"	00°59'50"	0.994
14/03/2050 00:00:00	♃	24°09'35" ♎	-18°39'42"	00°08'53"	12°46'56"	0.003
14/03/2050 00:00:00	♃	01°48'38" ♏	00°06'52"	-00°39'34"	01°57'39"	1.279
14/03/2050 00:00:00	♃	11°22'59" ♏	03°34'36"	-01°00'16"	01°14'22"	1.603
14/03/2050 00:00:00	♃	02°53'01" ♏	-23°31'42"	-00°07'43"	00°36'42"	1.353
14/03/2050 00:00:00	♃	24°22'26" ♏	21°47'27"	00°33'50"	-00°01'14"	4.688
14/03/2050 00:00:00	♃	05°38'54" ♏	-19°08'30"	-00°17'53"	00°05'32"	10.613
14/03/2050 00:00:00	♃	18°29'41" ♎	05°17'55"	00°48'52"	-00°02'36"	17.293
14/03/2050 00:00:00	♃	23°45'58" ♏	17°04'05"	-01°41'32"	00°01'18"	30.299

Ephemerides year 2050

14/03/2050 00:00:00	♁	09°18'00"	♈	-19°43'26"	-12°36'38"	00°01'36"	42.418
14/03/2050 00:00:00	♁	22°29'56"	♍	-18°23'21"	00°00'00"	00°00'10"	0.003
14/03/2050 00:00:00	♁	11°41'27"	♌	-18°01'38"	04°11'23"	00°00'56"	9.404
14/03/2050 00:00:00	♁	25°53'22"	♏	08°02'21"	-05°08'35"	00°06'43"	0.003
14/03/2050 00:00:00	T♁	22°29'56"	♍	-18°23'21"	00°00'00"	00°00'10"	0.003
14/03/2050 00:00:00	T♁	17°59'20"	♍	00°30'16"	-04°36'21"	03°15'17"	0.003
14/03/2050 00:00:00	X	00°30'40"	♄	06°28'11"	-05°31'14"	00°00'32"	93.667
14/03/2050 00:00:00	Y	17°18'56"	♈	11°53'04"	-10°59'18"	00°00'11"	78.210
15/03/2050 00:00:00	☉	24°35'38"	♈	-02°08'49"	00°00'00"	00°59'48"	0.994
15/03/2050 00:00:00	☾	07°04'52"	♌	-20°12'53"	01°17'17"	13°04'10"	0.003
15/03/2050 00:00:00	♁	03°46'05"	♈	01°02'45"	-00°29'30"	01°57'11"	1.264
15/03/2050 00:00:00	♁	12°37'20"	♈	04°05'17"	-00°58'24"	01°14'20"	1.600
15/03/2050 00:00:00	♁	03°29'42"	♌	-23°32'00"	00°08'53"	00°36'39"	1.343
15/03/2050 00:00:00	♁	24°21'17"	♌	21°47'40"	00°33'51"	-00°01'02"	4.702
15/03/2050 00:00:00	♁	05°44'25"	♏	-19°07'14"	-00°17'59"	00°05'29"	10.601
15/03/2050 00:00:00	♁	18°27'05"	♍	05°18'56"	00°48'52"	-00°02'36"	17.295
15/03/2050 00:00:00	♁	23°47'17"	♄	17°04'28"	-01°41'29"	00°01'20"	30.314
15/03/2050 00:00:00	♁	09°19'37"	♈	-19°42'55"	-12°36'45"	00°01'36"	42.415
15/03/2050 00:00:00	♁	22°30'33"	♍	-18°23'31"	00°00'00"	00°00'52"	0.003

Ephemerides year 2050

15/03/2050 00:00:00	♄	11°42'21" ♀	-18°01'07"	04°12'03"	00°00'50"	9.390
15/03/2050 00:00:00	♁	26°00'05" ♂	08°00'08"	-05°08'33"	00°06'43"	0.003
15/03/2050 00:00:00	T♃	22°30'33" ♀	-18°23'31"	00°00'00"	00°00'52"	0.003
15/03/2050 00:00:00	T♁	20°41'25" ♀	-00°27'14"	-04°30'15"	02°05'41"	0.003
15/03/2050 00:00:00	X	00°31'12" ♂	06°28'27"	-05°31'10"	00°00'32"	93.678
15/03/2050 00:00:00	Y	17°19'08" ♀	11°53'14"	-10°59'09"	00°00'11"	78.227
16/03/2050 00:00:00	♃	25°35'25" ♀	-01°45'06"	00°00'00"	00°59'46"	0.995
16/03/2050 00:00:00	♂	20°19'01" ♀	-20°41'47"	02°23'16"	13°24'35"	0.003
16/03/2050 00:00:00	♀	05°42'55" ♀	01°58'46"	-00°18'57"	01°56'24"	1.247
16/03/2050 00:00:00	♀	13°51'40" ♀	04°35'54"	-00°56'30"	01°14'18"	1.597
16/03/2050 00:00:00	♂	04°06'20" ♀	-23°32'08"	♁-00°10'04"	00°36'36"	1.334
16/03/2050 00:00:00	♃	24°20'20" ♀	21°47'51"	00°33'52"	-00°00'51"	4.716
16/03/2050 00:00:00	♃	05°49'52" ♀	-19°05'59"	-00°18'05"	00°05'25"	10.588
16/03/2050 00:00:00	♃	18°24'29" ♀	05°19'57"	00°48'51"	-00°02'35"	17.296
16/03/2050 00:00:00	♃	23°48'38" ♂	17°04'51"	-01°41'26"	00°01'21"	30.328
16/03/2050 00:00:00	♃	09°21'12" ♀	-19°42'24"	-12°36'52"	00°01'35"	42.411
16/03/2050 00:00:00	♃	22°31'19" ♀	-18°23'42"	00°00'00"	00°00'29"	0.003
16/03/2050 00:00:00	♄	11°43'09" ♀	-18°00'34"	04°12'42"	00°00'44"	9.375
16/03/2050 00:00:00	♁	26°06'49" ♂	07°57'56"	-05°08'31"	00°06'43"	0.003

Ephemerides year 2050

16/03/2050 00:00:00	T♄	22°31'19" ♍	-18°23'42"	00°00'00"	00°00'29"	0.003
16/03/2050 00:00:00	T♄	22°06'00" ♍	-00°57'15"	-04°26'49"	00°42'10"	0.003
16/03/2050 00:00:00	X	00°31'45" ♄	06°28'42"	-05°31'05"	00°00'33"	93.687
16/03/2050 00:00:00	Y	17°19'20" ♀	11°53'24"	-10°59'00"	00°00'12"	78.243
17/03/2050 00:00:00	♁	26°35'11" ♃	-01°21'23"	00°00'00"	00°59'45"	0.995
17/03/2050 00:00:00	♃	03°54'53" ♄	-19°59'27"	03°23'02"	13°47'29"	0.003
17/03/2050 00:00:00	♀	07°38'48" ♃	02°54'41"	-00°07'56"	01°55'17"	1.229
17/03/2050 00:00:00	♀	15°05'57" ♃	05°06'25"	-00°54'32"	01°14'16"	1.594
17/03/2050 00:00:00	♂	04°42'55" ♄	-23°32'07"	00°11'17"	00°36'33"	1.325
17/03/2050 00:00:00	♃	24°19'35" ♄	21°48'00"	00°33'53"	-00°00'39"	4.731
17/03/2050 00:00:00	♃	05°55'16" ♃	-19°04'45"	-00°18'10"	00°05'21"	10.575
17/03/2050 00:00:00	♃	18°21'54" ♍	05°20'57"	00°48'51"	-00°02'35"	17.298
17/03/2050 00:00:00	♃	23°50'00" ♄	17°05'14"	-01°41'23"	00°01'23"	30.343
17/03/2050 00:00:00	♃	09°22'48" ♃	-19°41'54"	-12°36'59"	00°01'35"	42.407
17/03/2050 00:00:00	♁	22°31'11" ♍	-18°23'40"	00°00'00"	-00°00'53"	0.003
17/03/2050 00:00:00	♃	11°43'50" ♃	-18°00'00"	04°13'21"	00°00'38"	9.360
17/03/2050 00:00:00	♃	26°13'32" ♄	07°55'44"	-05°08'29"	00°06'43"	0.003
17/03/2050 00:00:00	T♄	22°31'11" ♍	-18°23'40"	00°00'00"	-00°00'53"	0.003
17/03/2050 00:00:00	T♄	22°05'55" ♍	-00°57'12"	-04°26'48"	-00°40'42"	0.003

Ephemerides year 2050

17/03/2050 00:00:00	X	00°32'19" ♃	06°28'57"	-05°31'01"	00°00'33"	93.697
17/03/2050 00:00:00	Y	17°19'33" ♀	11°53'35"	-10°58'50"	00°00'13"	78.259
18/03/2050 00:00:00	☉	27°34'56" ♉	-00°57'39"	00°00'00"	00°59'43"	0.995
18/03/2050 00:00:00	☾	17°54'22" ♉	-18°03'40"	04°12'31"	14°11'26"	0.002
18/03/2050 00:00:00	♀	09°33'23" ♀	03°50'18"	00°03'28"	01°53'48"	1.209
18/03/2050 00:00:00	♀	16°20'13" ♀	05°36'49"	-00°52'31"	01°14'15"	1.591
18/03/2050 00:00:00	♂	05°19'28" ♉	-23°31'57"	00°12'30"	00°36'30"	1.316
18/03/2050 00:00:00	♃	24°19'02" ♉	21°48'07"	00°33'53"	-00°00'27"	4.745
18/03/2050 00:00:00	♄	06°00'36" ♉	-19°03'31"	-00°18'16"	00°05'18"	10.562
18/03/2050 00:00:00	♅	18°19'19" ♉	05°21'57"	00°48'50"	-00°02'34"	17.301
18/03/2050 00:00:00	♆	23°51'25" ♃	17°05'38"	-01°41'20"	00°01'25"	30.358
18/03/2050 00:00:00	♇	09°24'23" ♉	-19°41'25"	-12°37'07"	00°01'34"	42.403
18/03/2050 00:00:00	♈	22°29'19" ♉	-18°23'12"	00°00'00"	-00°02'54"	0.003
18/03/2050 00:00:00	♉	11°44'25" ♉	-17°59'26"	04°14'00"	00°00'31"	9.346
18/03/2050 00:00:00	♊	26°20'16" ♉	07°53'32"	-05°08'27"	00°06'43"	0.003
18/03/2050 00:00:00	T♈	22°29'19" ♉	-18°23'12"	00°00'00"	-00°02'54"	0.003
18/03/2050 00:00:00	T♉	20°51'10" ♉	-00°30'40"	-04°29'49"	-01°44'00"	0.003
18/03/2050 00:00:00	X	00°32'52" ♃	06°29'13"	-05°30'57"	00°00'33"	93.706
18/03/2050 00:00:00	Y	17°19'47" ♀	11°53'45"	-10°58'41"	00°00'14"	78.276

Ephemerides year 2050

19/03/2050 00:00:00	☉	28°34'38" ♈	-00°33'55"	00°00'00"	00°59'41"	0.995
19/03/2050 00:00:00	☾	02°17'23" ♍	-14°58'08"	04°47'38"	14°34'09"	0.002
19/03/2050 00:00:00	♃	11°26'16" ♈	04°45'24"	00°15'14"	01°51'54"	1.189
19/03/2050 00:00:00	♄	17°34'27" ♈	06°07'06"	-00°50'27"	01°14'13"	1.587
19/03/2050 00:00:00	♂	05°55'57" ♁	-23°31'38"	00°13'44"	00°36'27"	1.306
19/03/2050 00:00:00	♅	24°18'40" ♉	21°48'11"	00°33'54"	-00°00'16"	4.759
19/03/2050 00:00:00	♆	06°05'52" ♍	-19°02'19"	-00°18'22"	00°05'14"	10.549
19/03/2050 00:00:00	♇	18°16'44" ♎	05°22'57"	00°48'50"	-00°02'34"	17.303
19/03/2050 00:00:00	♈	23°52'51" ♈	17°06'02"	-01°41'17"	00°01'26"	30.372
19/03/2050 00:00:00	♉	09°25'58" ♈	-19°40'55"	-12°37'15"	00°01'34"	42.399
19/03/2050 00:00:00	♊	22°25'18" ♎	-18°22'10"	00°00'00"	-00°05'07"	0.003
19/03/2050 00:00:00	♋	11°44'54" ♈	-17°58'51"	04°14'40"	00°00'25"	9.332
19/03/2050 00:00:00	♌	26°26'59" ♈	07°51'20"	-05°08'25"	00°06'43"	0.003
19/03/2050 00:00:00	T♎	22°25'18" ♎	-18°22'10"	00°00'00"	-00°05'07"	0.003
19/03/2050 00:00:00	T♋	18°49'20" ♎	00°12'35"	-04°34'28"	-02°13'35"	0.003
19/03/2050 00:00:00	X	00°33'27" ♈	06°29'28"	-05°30'53"	00°00'34"	93.715
19/03/2050 00:00:00	Y	17°20'02" ♀	11°53'55"	-10°58'32"	00°00'15"	78.292
20/03/2050 00:00:00	☉	29°34'19" ♈	-00°10'12"	00°00'00"	00°59'39"	0.996
20/03/2050 00:00:00	☾	17°01'18" ♍	-10°52'50"	05°04'50"	14°52'42"	0.002



Ephemerides year 2050

20/03/2050 00:00:00	♀	13°17'03" ♏	05°39'43"	00°27'18"	01°49'34"	1.167
20/03/2050 00:00:00	♀	18°48'39" ♏	06°37'15"	-00°48'21"	01°14'11"	1.584
20/03/2050 00:00:00	♂	06°32'23" ♎	-23°31'10"	0-00°15'00"	00°36'24"	1.297
20/03/2050 00:00:00	♃	24°18'29" ♉	21°48'14"	00°33'55"	-00°00'04"	4.774
20/03/2050 00:00:00	♃	06°11'04" ♉	-19°01'07"	-00°18'28"	00°05'10"	10.536
20/03/2050 00:00:00	♃	18°14'10" ♉	05°23'57"	00°48'49"	-00°02'33"	17.306
20/03/2050 00:00:00	♃	23°54'18" ♉	17°06'26"	-01°41'14"	00°01'28"	30.386
20/03/2050 00:00:00	♃	09°27'32" ♉	-19°40'27"	-12°37'23"	00°01'33"	42.394
20/03/2050 00:00:00	♃	22°19'12" ♉	-18°20'37"	00°00'00"	-00°06'58"	0.003
20/03/2050 00:00:00	♃	11°45'17" ♉	-17°58'15"	04°15'19"	00°00'19"	9.317
20/03/2050 00:00:00	♃	26°33'42" ♉	07°49'08"	-05°08'22"	00°06'43"	0.003
20/03/2050 00:00:00	T♃	22°19'12" ♉	-18°20'37"	00°00'00"	-00°06'58"	0.003
20/03/2050 00:00:00	T♃	16°34'47" ♉	01°00'17"	-04°39'14"	-02°11'18"	0.003
20/03/2050 00:00:00	X	00°34'01" ♉	06°29'44"	-05°30'49"	00°00'34"	93.724
20/03/2050 00:00:00	Y	17°20'17" ♉	11°54'06"	-10°58'23"	00°00'15"	78.308
21/03/2050 00:00:00	♃	00°33'58" ♏	00°13'31"	00°00'00"	00°59'38"	0.996
21/03/2050 00:00:00	♃	02°00'25" ♏	-06°03'21"	05°01'43"	15°04'07"	0.002
21/03/2050 00:00:00	♀	15°05'17" ♏	06°33'00"	00°39'35"	01°46'48"	1.144
21/03/2050 00:00:00	♀	20°02'50" ♏	07°07'16"	-00°46'12"	01°14'09"	1.581

Ephemerides year 2050

21/03/2050 00:00:00	♂	07°08'46" ♃	-23°30'34" ♁	-00°16'16"	00°36'21"	1.288
21/03/2050 00:00:00	♃	24°18'31" ♁	21°48'14"	00°33'55"	00°00'07"	4.789
21/03/2050 00:00:00	♃	06°16'13" ♃	-18°59'56"	-00°18'34"	00°05'06"	10.522
21/03/2050 00:00:00	♃	18°11'37" ♃	05°24'56"	00°48'49"	-00°02'32"	17.310
21/03/2050 00:00:00	♃	23°55'47" ♃	17°06'51"	-01°41'11"	00°01'29"	30.400
21/03/2050 00:00:00	♃	09°29'06" ♃	-19°39'58"	-12°37'31"	00°01'33"	42.389
21/03/2050 00:00:00	♁	22°11'38" ♃	-18°18'40"	00°00'00"	-00°07'59"	0.003
21/03/2050 00:00:00	♃	11°45'33" ♃	-17°57'38"	04°15'58"	00°00'12"	9.303
21/03/2050 00:00:00	♃	26°40'26" ♃	07°46'55"	-05°08'20"	00°06'43"	0.003
21/03/2050 00:00:00	♁	22°11'38" ♃	-18°18'40"	00°00'00"	-00°07'59"	0.003
21/03/2050 00:00:00	♃	14°31'34" ♃	01°43'49"	-04°43'19"	-01°54'32"	0.003
21/03/2050 00:00:00	X	00°34'36" ♃	06°30'00"	-05°30'45"	00°00'34"	93.733
21/03/2050 00:00:00	Y	17°20'33" ♃	11°54'16"	-10°58'14"	00°00'16"	78.324
22/03/2050 00:00:00	♁	01°33'35" ♃	00°37'13"	00°00'00"	00°59'36"	0.996
22/03/2050 00:00:00	♃	17°06'24" ♃	-00°49'29"	04°37'43"	15°06'10"	0.002
22/03/2050 00:00:00	♃	16°50'31" ♃	07°24'59"	00°52'00"	01°43'35"	1.120
22/03/2050 00:00:00	♀	21°16'58" ♃	07°37'06"	-00°44'00"	01°14'07"	1.577
22/03/2050 00:00:00	♂	07°45'06" ♃	-23°29'48" ♁	-00°17'33"	00°36'17"	1.279
22/03/2050 00:00:00	♃	24°18'44" ♁	21°48'12"	00°33'56"	00°00'18"	4.804

Ephemerides year 2050

22/03/2050 00:00:00	♃	06°21'17" ♊	-18°58'46"	-00°18'40"	00°05'02"	10.508
22/03/2050 00:00:00	♃	18°09'05" ♊	05°25'55"	00°48'48"	-00°02'31"	17.313
22/03/2050 00:00:00	♃	23°57'17" ♊	17°07'16"	-01°41'08"	00°01'31"	30.414
22/03/2050 00:00:00	♃	09°30'39" ♊	-19°39'30"	-12°37'40"	00°01'32"	42.383
22/03/2050 00:00:00	♃	22°03'34" ♊	-18°16'36"	00°00'00"	-00°07'57"	0.003
22/03/2050 00:00:00	♃	11°45'43" ♊	-17°57'01"	04°16'37"	00°00'06"	9.289
22/03/2050 00:00:00	♃	26°47'09" ♊	07°44'43"	-05°08'17"	00°06'43"	0.003
22/03/2050 00:00:00	♃	22°03'34" ♊	-18°16'36"	00°00'00"	-00°07'57"	0.003
22/03/2050 00:00:00	♃	12°43'36" ♊	02°21'42"	-04°46'46"	-01°43'44"	0.003
22/03/2050 00:00:00	X	00°35'10" ♊	06°30'15"	-05°30'41"	00°00'35"	93.741
22/03/2050 00:00:00	Y	17°20'50" ♊	11°54'27"	-10°58'05"	00°00'17"	78.341
23/03/2050 00:00:00	♃	02°33'11" ♊	01°00'54"	00°00'00"	00°59'34"	0.997
23/03/2050 00:00:00	♃	02°09'23" ♊	04°26'37"	03°54'32"	14°58'08"	0.002
23/03/2050 00:00:00	♃	18°32'18" ♊	08°15'26"	01°04'28"	01°39'54"	1.096
23/03/2050 00:00:00	♃	22°31'05" ♊	08°06'47"	-00°41'46"	01°14'05"	1.574
23/03/2050 00:00:00	♃	08°21'22" ♊	-23°28'55"	-00°18'52"	00°36'14"	1.269
23/03/2050 00:00:00	♃	24°19'09" ♊	21°48'08"	00°33'56"	00°00'30"	4.818
23/03/2050 00:00:00	♃	06°26'17" ♊	-18°57'37"	-00°18'46"	00°04'58"	10.495
23/03/2050 00:00:00	♃	18°06'33" ♊	05°26'54"	00°48'47"	-00°02'31"	17.317

Ephemerides year 2050

23/03/2050 00:00:00	♃	23°58'49"	♄	17°07'41"	-01°41'05"	00°01'32"	30.428
23/03/2050 00:00:00	♅	09°32'11"	♆	-19°39'03"	-12°37'49"	00°01'32"	42.378
23/03/2050 00:00:00	♁	21°56'04"	♂	-18°14'40"	00°00'00"	-00°06'52"	0.003
23/03/2050 00:00:00	♂	11°45'46"	♄	-17°56'22"	04°17'16"	00°00'00"	9.275
23/03/2050 00:00:00	♁	26°53'52"	♁	07°42'31"	-05°08'14"	00°06'43"	0.003
23/03/2050 00:00:00	T♁	21°56'04"	♂	-18°14'40"	00°00'00"	-00°06'52"	0.003
23/03/2050 00:00:00	T♁	10°57'57"	♂	02°58'25"	-04°50'08"	-01°50'54"	0.003
23/03/2050 00:00:00	X	00°35'46"	♄	06°30'31"	-05°30'37"	00°00'35"	93.749
23/03/2050 00:00:00	Y	17°21'08"	♁	11°54'37"	-10°57'56"	00°00'18"	78.357
24/03/2050 00:00:00	♁	03°32'44"	♁	01°24'33"	00°00'00"	00°59'32"	0.997
24/03/2050 00:00:00	♂	16°59'39"	♁	09°22'53"	02°55'56"	14°41'01"	0.002
24/03/2050 00:00:00	♁	20°10'12"	♁	09°04'04"	01°16'54"	01°35'47"	1.070
24/03/2050 00:00:00	♁	23°45'09"	♁	08°36'17"	-00°39'29"	01°14'03"	1.570
24/03/2050 00:00:00	♂	08°57'34"	♁	-23°27'52"	00°20'11"	00°36'10"	1.260
24/03/2050 00:00:00	♁	24°19'45"	♁	21°48'02"	00°33'57"	00°00'42"	4.833
24/03/2050 00:00:00	♁	06°31'14"	♁	-18°56'28"	-00°18'52"	00°04'54"	10.481
24/03/2050 00:00:00	♁	18°04'03"	♂	05°27'52"	00°48'47"	-00°02'29"	17.321
24/03/2050 00:00:00	♃	24°00'23"	♄	17°08'07"	-01°41'02"	00°01'34"	30.441
24/03/2050 00:00:00	♅	09°33'43"	♆	-19°38'36"	-12°37'59"	00°01'31"	42.372

Ephemerides year 2050

24/03/2050 00:00:00	♏	21°50'05" ♍	-18°13'07"	00°00'00"	-00°05'00"	0.003
24/03/2050 00:00:00	♋	11°45'43" ♌	-17°55'43"	04°17'56"	-00°00'05"	9.261
24/03/2050 00:00:00	♌	27°00'36" ♍	07°40'19"	-05°08'11"	00°06'43"	0.003
24/03/2050 00:00:00	T♏	21°50'05" ♍	-18°13'07"	00°00'00"	-00°05'00"	0.003
24/03/2050 00:00:00	T♌	08°55'42" ♍	03°40'30"	-04°53'54"	-02°15'52"	0.003
24/03/2050 00:00:00	X	00°36'21" ♌	06°30'47"	-05°30'33"	00°00'35"	93.757
24/03/2050 00:00:00	Y	17°21'26" ♀	11°54'48"	-10°57'47"	00°00'18"	78.373
25/03/2050 00:00:00	♉	04°32'15" ♌	01°48'10"	00°00'00"	00°59'30"	0.997
25/03/2050 00:00:00	♊	01°29'15" ♌	13°39'36"	01°47'02"	14°17'18"	0.002
25/03/2050 00:00:00	♎	21°43'44" ♌	09°50'40"	01°29'12"	01°31'13"	1.044
25/03/2050 00:00:00	♍	24°59'12" ♌	09°05'34"	-00°37'10"	01°14'01"	1.567
25/03/2050 00:00:00	♊	09°33'42" ♌	-23°26'41"	00°21'32"	00°36'06"	1.251
25/03/2050 00:00:00	♈	24°20'33" ♉	21°47'54"	00°33'57"	00°00'53"	4.849
25/03/2050 00:00:00	♎	06°36'06" ♎	-18°55'21"	-00°18'58"	00°04'50"	10.467
25/03/2050 00:00:00	♍	18°01'33" ♍	05°28'50"	00°48'46"	-00°02'28"	17.325
25/03/2050 00:00:00	♎	24°01'58" ♌	17°08'33"	-01°40'59"	00°01'35"	30.454
25/03/2050 00:00:00	♌	09°35'15" ♌	-19°38'10"	-12°38'08"	00°01'31"	42.366
25/03/2050 00:00:00	♏	21°46'10" ♍	-18°12'06"	00°00'00"	-00°02'48"	0.003
25/03/2050 00:00:00	♋	11°45'35" ♌	-17°55'03"	04°18'35"	-00°00'11"	9.247

Ephemerides year 2050

25/03/2050 00:00:00	☾	27°07'19" ♈	07°38'06"	-05°08'08"	00°06'43"	0.003
25/03/2050 00:00:00	♁	21°46'10" ♎	-18°12'06"	00°00'00"	-00°02'48"	0.003
25/03/2050 00:00:00	♁	06°23'57" ♎	04°32'18"	-04°58'08"	-02°47'18"	0.003
25/03/2050 00:00:00	X	00°36'57" ♉	06°31'03"	-05°30'29"	00°00'36"	93.765
25/03/2050 00:00:00	Y	17°21'46" ♀	11°54'58"	-10°57'38"	00°00'19"	78.388
26/03/2050 00:00:00	☉	05°31'44" ♈	02°11'44"	00°00'00"	00°59'27"	0.997
26/03/2050 00:00:00	☾	15°33'07" ♉	17°01'25"	00°33'22"	13°50'04"	0.003
26/03/2050 00:00:00	♀	23°12'31" ♈	10°34'59"	01°41'16"	01°26'15"	1.018
26/03/2050 00:00:00	♀	26°13'12" ♈	09°34'40"	-00°34'49"	01°13'59"	1.563
26/03/2050 00:00:00	♂	10°09'47" ♎	-23°25'22"	-00°22'53"	00°36'02"	1.242
26/03/2050 00:00:00	♃	24°21'33" ♉	21°47'44"	00°33'57"	00°01'05"	4.864
26/03/2050 00:00:00	♃	06°40'54" ♎	-18°54'15"	-00°19'04"	00°04'45"	10.452
26/03/2050 00:00:00	♃	17°59'05" ♎	05°29'47"	00°48'45"	-00°02'27"	17.330
26/03/2050 00:00:00	♃	24°03'34" ♉	17°08'59"	-01°40'56"	00°01'37"	30.468
26/03/2050 00:00:00	♃	09°36'45" ♎	-19°37'44"	-12°38'18"	00°01'30"	42.360
26/03/2050 00:00:00	♁	21°44'24" ♎	-18°11'39"	00°00'00"	-00°00'45"	0.003
26/03/2050 00:00:00	♃	11°45'19" ♎	-17°54'23"	04°19'13"	-00°00'18"	9.233
26/03/2050 00:00:00	☾	27°14'02" ♈	07°35'54"	-05°08'04"	00°06'43"	0.003
26/03/2050 00:00:00	♁	21°44'24" ♎	-18°11'39"	00°00'00"	-00°00'45"	0.003

Ephemerides year 2050

26/03/2050 00:00:00	T♄	03°24'47" ♎	05°32'52"	-05°02'23"	-03°07'45"	0.003
26/03/2050 00:00:00	X	00°37'33" ♉	06°31'19"	-05°30'25"	00°00'36"	93.772
26/03/2050 00:00:00	Y	17°22'06" ♀	11°55'08"	-10°57'29"	00°00'20"	78.404
27/03/2050 00:00:00	☉	06°31'11" ♈	02°35'16"	-00°00'00"	00°59'25"	0.998
27/03/2050 00:00:00	☾	29°09'15" ♉	19°18'40"	-00°40'00"	13°22'20"	0.003
27/03/2050 00:00:00	♀	24°36'08" ♈	11°16'50"	01°52'59"	01°20'54"	0.991
27/03/2050 00:00:00	♀	27°27'10" ♈	10°03'32"	-00°32'25"	01°13'56"	1.560
27/03/2050 00:00:00	♂	10°45'48" ♉	-23°23'54"	-00°24'16"	00°35'58"	1.233
27/03/2050 00:00:00	♃	24°22'44" ♉	21°47'32"	00°33'58"	00°01'16"	4.879
27/03/2050 00:00:00	♅	06°45'37" ♋	-18°53'09"	-00°19'10"	00°04'41"	10.438
27/03/2050 00:00:00	♁	17°56'38" ♎	05°30'43"	00°48'44"	-00°02'26"	17.335
27/03/2050 00:00:00	♃	24°05'12" ♉	17°09'25"	-01°40'54"	00°01'38"	30.481
27/03/2050 00:00:00	♁	09°38'16" ♋	-19°37'18"	-12°38'29"	00°01'30"	42.353
27/03/2050 00:00:00	♁	21°44'27" ♎	-18°11'40"	00°00'00"	00°00'44"	0.003
27/03/2050 00:00:00	♃	11°44'58" ♉	-17°53'41"	04°19'52"	-00°00'24"	9.220
27/03/2050 00:00:00	♄	27°20'46" ♋	07°33'42"	-05°08'01"	00°06'43"	0.003
27/03/2050 00:00:00	T♁	21°44'27" ♎	-18°11'40"	00°00'00"	00°00'44"	0.003
27/03/2050 00:00:00	T♄	00°16'55" ♎	06°35'33"	-05°05'54"	-03°03'13"	0.003
27/03/2050 00:00:00	X	00°38'10" ♉	06°31'35"	-05°30'22"	00°00'36"	93.779

Ephemerides year 2050

27/03/2050 00:00:00	Y	17°22'27" ♀	11°55'19"	-10°57'21"	00°00'21"	78.420
28/03/2050 00:00:00	☉	07°30'35" ♀	02°58'44"	-00°00'00"	00°59'23"	0.998
28/03/2050 00:00:00	☾	12°18'27" ♀	20°27'40"	-01°48'58"	12°56'31"	0.003
28/03/2050 00:00:00	♁	25°54'14" ♀	11°55'59"	02°04'17"	01°15'12"	0.964
28/03/2050 00:00:00	♂	28°41'06" ♀	10°32'10"	-00°30'00"	01°13'54"	1.556
28/03/2050 00:00:00	♂	11°21'45" ♀	-23°22'18"	-00°25'40"	00°35'55"	1.223
28/03/2050 00:00:00	♃	24°24'06" ♀	21°47'17"	00°33'58"	00°01'28"	4.894
28/03/2050 00:00:00	♄	06°50'17" ♀	-18°52'05"	-00°19'16"	00°04'37"	10.423
28/03/2050 00:00:00	♅	17°54'12" ♀	05°31'39"	00°48'43"	-00°02'25"	17.340
28/03/2050 00:00:00	♆	24°06'52" ♀	17°09'52"	-01°40'51"	00°01'40"	30.493
28/03/2050 00:00:00	♇	09°39'45" ♀	-19°36'53"	-12°38'39"	00°01'29"	42.346
28/03/2050 00:00:00	♈	21°45'36" ♀	-18°11'57"	00°00'00"	00°01'25"	0.003
28/03/2050 00:00:00	♉	11°44'31" ♀	-17°52'59"	04°20'31"	-00°00'30"	9.206
28/03/2050 00:00:00	♊	27°27'29" ♀	07°31'29"	-05°07'57"	00°06'43"	0.003
28/03/2050 00:00:00	T♈	21°45'36" ♀	-18°11'57"	00°00'00"	00°01'25"	0.003
28/03/2050 00:00:00	T♉	27°27'25" ♀	07°31'17"	-05°08'12"	-02°31'57"	0.003
28/03/2050 00:00:00	X	00°38'47" ♀	06°31'51"	-05°30'18"	00°00'36"	93.786
28/03/2050 00:00:00	Y	17°22'48" ♀	11°55'30"	-10°57'12"	00°00'22"	78.436
29/03/2050 00:00:00	☉	08°29'58" ♀	03°22'09"	-00°00'00"	00°59'21"	0.998



Ephemerides year 2050

29/03/2050 00:00:00	♃	25°03'31" ♀	20°30'03"	-02°50'24"	12°34'16"	0.003
29/03/2050 00:00:00	♄	27°06'27" ♂	12°32'16"	02°15'02"	01°09'11"	0.937
29/03/2050 00:00:00	♅	29°54'59" ♂	11°00'33"	-00°27'32"	01°13'52"	1.552
29/03/2050 00:00:00	♆	11°57'38" ♀	-23°20'34"	-00°27'05"	00°35'51"	1.214
29/03/2050 00:00:00	♇	24°25'41" ♀	21°47'01"	00°33'58"	00°01'39"	4.910
29/03/2050 00:00:00	♈	06°54'52" ♀	-18°51'01"	-00°19'22"	00°04'32"	10.409
29/03/2050 00:00:00	♉	17°51'48" ♂	05°32'35"	00°48'42"	-00°02'23"	17.346
29/03/2050 00:00:00	♊	24°08'32" ♂	17°10'19"	-01°40'48"	00°01'41"	30.506
29/03/2050 00:00:00	♋	09°41'14" ♀	-19°36'29"	-12°38'50"	00°01'28"	42.339
29/03/2050 00:00:00	♌	21°47'00" ♀	-18°12'19"	00°00'00"	00°01'13"	0.003
29/03/2050 00:00:00	♍	11°43'58" ♂	-17°52'17"	04°21'10"	-00°00'36"	9.193
29/03/2050 00:00:00	♎	27°34'13" ♀	07°29'17"	-05°07'54"	00°06'43"	0.003
29/03/2050 00:00:00	♏	21°47'00" ♀	-18°12'19"	00°00'00"	00°01'13"	0.003
29/03/2050 00:00:00	♐	25°18'25" ♂	08°13'06"	-05°09'24"	-01°44'32"	0.003
29/03/2050 00:00:00	♑	00°39'24" ♂	06°32'07"	-05°30'15"	00°00'37"	93.792
29/03/2050 00:00:00	♒	17°23'11" ♀	11°55'40"	-10°57'03"	00°00'22"	78.451
30/03/2050 00:00:00	♓	09°29'18" ♂	03°45'30"	-00°00'00"	00°59'18"	0.998
30/03/2050 00:00:00	♈	07°28'31" ♀	19°31'26"	-03°42'08"	12°16'30"	0.003
30/03/2050 00:00:00	♉	28°12'32" ♂	13°05'33"	02°25'09"	01°02'54"	0.910

Ephemerides year 2050

30/03/2050 00:00:00	♀	01°08'50"	♄	11°28'40"	-00°25'02"	01°13'49"	1.548
30/03/2050 00:00:00	♂	12°33'27"	♁	-23°18'42"	-00°28'31"	00°35'47"	1.205
30/03/2050 00:00:00	♃	24°27'26"	♅	21°46'42"	00°33'58"	00°01'51"	4.925
30/03/2050 00:00:00	♄	06°59'23"	♁	-18°49'59"	-00°19'28"	00°04'28"	10.394
30/03/2050 00:00:00	♃	17°49'24"	♄	05°33'30"	00°48'41"	-00°02'22"	17.352
30/03/2050 00:00:00	♃	24°10'15"	♄	17°10'47"	-01°40'46"	00°01'42"	30.518
30/03/2050 00:00:00	♃	09°42'43"	♃	-19°36'05"	-12°39'01"	00°01'28"	42.332
30/03/2050 00:00:00	♁	21°47'47"	♄	-18°12'31"	00°00'00"	00°00'14"	0.003
30/03/2050 00:00:00	♃	11°43'18"	♁	-17°51'33"	04°21'48"	-00°00'42"	9.179
30/03/2050 00:00:00	♃	27°40'56"	♁	07°27'05"	-05°07'50"	00°06'43"	0.003
30/03/2050 00:00:00	T♁	21°47'47"	♄	-18°12'31"	00°00'00"	00°00'14"	0.003
30/03/2050 00:00:00	T♃	23°58'50"	♁	08°38'40"	-05°09'51"	-00°55'25"	0.003
30/03/2050 00:00:00	X	00°40'01"	♄	06°32'23"	-05°30'11"	00°00'37"	93.799
30/03/2050 00:00:00	Y	17°23'34"	♃	11°55'51"	-10°56'55"	00°00'23"	78.466
31/03/2050 00:00:00	♁	10°28'35"	♁	04°08'46"	-00°00'00"	00°59'16"	0.999
31/03/2050 00:00:00	♃	19°38'10"	♅	17°39'39"	-04°22'41"	12°03'35"	0.003
31/03/2050 00:00:00	♃	29°12'11"	♁	13°35'40"	02°34'32"	00°56'22"	0.884
31/03/2050 00:00:00	♀	02°22'39"	♄	11°56'32"	-00°22'30"	01°13'47"	1.545
31/03/2050 00:00:00	♂	13°09'12"	♁	-23°16'42"	-00°29'58"	00°35'42"	1.196

Ephemerides year 2050

31/03/2050 00:00:00	♃	24°29'23"	♈	21°46'22"	00°33'58"	00°02'02"	4.941
31/03/2050 00:00:00	♅	07°03'49"	♊	-18°48'58"	-00°19'34"	00°04'23"	10.379
31/03/2050 00:00:00	♁	17°47'03"	♈	05°34'24"	00°48'40"	-00°02'21"	17.358
31/03/2050 00:00:00	♆	24°11'58"	♈	17°11'14"	-01°40'43"	00°01'44"	30.530
31/03/2050 00:00:00	♁	09°44'10"	♈	-19°35'42"	-12°39'12"	00°01'27"	42.324
31/03/2050 00:00:00	♁	21°47'17"	♈	-18°12'24"	00°00'00"	-00°01'17"	0.003
31/03/2050 00:00:00	♃	11°42'33"	♈	-17°50'49"	04°22'26"	-00°00'48"	9.166
31/03/2050 00:00:00	♁	27°47'40"	♈	07°24'52"	-05°07'45"	00°06'43"	0.003
31/03/2050 00:00:00	T♁	21°47'17"	♈	-18°12'24"	00°00'00"	-00°01'17"	0.003
31/03/2050 00:00:00	T♁	23°24'25"	♈	08°49'42"	-05°09'55"	-00°15'32"	0.003
31/03/2050 00:00:00	X	00°40'39"	♈	06°32'39"	-05°30'08"	00°00'37"	93.804
31/03/2050 00:00:00	Y	17°23'57"	♈	11°56'01"	-10°56'46"	00°00'24"	78.482
01/04/2050 00:00:00	♁	11°27'51"	♈	04°31'58"	-00°00'00"	00°59'14"	0.999
01/04/2050 00:00:00	♁	01°37'18"	♈	15°03'27"	-04°51'06"	11°55'26"	0.003
01/04/2050 00:00:00	♁	00°05'12"	♈	14°02'31"	02°43'05"	00°49'38"	0.858
01/04/2050 00:00:00	♁	03°36'25"	♈	12°24'06"	-00°19'57"	01°13'44"	1.541
01/04/2050 00:00:00	♁	13°44'53"	♈	-23°14'35"	-00°31'26"	00°35'38"	1.187
01/04/2050 00:00:00	♃	24°31'30"	♈	21°45'59"	00°33'58"	00°02'13"	4.957
01/04/2050 00:00:00	♅	07°08'10"	♊	-18°47'57"	-00°19'41"	00°04'19"	10.364

Ephemerides year 2050

01/04/2050 00:00:00	♃	17°44'42"	♎	05°35'18"	00°48'39"	-00°02'19"	17.365
01/04/2050 00:00:00	♃	24°13'43"	♎	17°11'42"	-01°40'41"	00°01'45"	30.542
01/04/2050 00:00:00	♃	09°45'37"	♃	-19°35'19"	-12°39'24"	00°01'26"	42.317
01/04/2050 00:00:00	♁	21°45'06"	♎	-18°11'50"	00°00'00"	-00°03'04"	0.003
01/04/2050 00:00:00	♃	11°41'41"	♎	-17°50'05"	04°23'05"	-00°00'54"	9.153
01/04/2050 00:00:00	♁	27°54'23"	♁	07°22'40"	-05°07'41"	00°06'43"	0.003
01/04/2050 00:00:00	T♁	21°45'06"	♎	-18°11'50"	00°00'00"	-00°03'04"	0.003
01/04/2050 00:00:00	T♁	23°22'53"	♁	08°50'18"	-05°09'49"	00°09'54"	0.003
01/04/2050 00:00:00	X	00°41'17"	♎	06°32'55"	-05°30'04"	00°00'37"	93.810
01/04/2050 00:00:00	Y	17°24'22"	♃	11°56'12"	-10°56'38"	00°00'24"	78.497
02/04/2050 00:00:00	♁	12°27'04"	♃	04°55'05"	-00°00'00"	00°59'11"	0.999
02/04/2050 00:00:00	♃	13°30'30"	♁	11°51'31"	-05°06'44"	11°51'40"	0.003
02/04/2050 00:00:00	♁	00°51'25"	♎	14°25'58"	02°50'42"	00°42'45"	0.832
02/04/2050 00:00:00	♁	04°50'09"	♎	12°51'23"	-00°17'22"	01°13'42"	1.537
02/04/2050 00:00:00	♁	14°20'29"	♃	-23°12'19"	-00°32'56"	00°35'34"	1.178
02/04/2050 00:00:00	♃	24°33'49"	♁	21°45'34"	00°33'58"	00°02'24"	4.972
02/04/2050 00:00:00	♃	07°12'27"	♁	-18°46'58"	-00°19'47"	00°04'14"	10.349
02/04/2050 00:00:00	♃	17°42'23"	♎	05°36'11"	00°48'38"	-00°02'18"	17.371
02/04/2050 00:00:00	♃	24°15'29"	♎	17°12'10"	-01°40'38"	00°01'46"	30.554

Ephemerides year 2050

02/04/2050 00:00:00	♁	09°47'03"	♈	-19°34'56"	-12°39'36"	00°01'25"	42.308
02/04/2050 00:00:00	♁	21°41'10"	♍	-18°10'48"	00°00'00"	-00°04'45"	0.003
02/04/2050 00:00:00	♁	11°40'44"	♈	-17°49'20"	04°23'43"	-00°01'00"	9.141
02/04/2050 00:00:00	♁	28°01'06"	♁	07°20'27"	-05°07'37"	00°06'43"	0.003
02/04/2050 00:00:00	♁	21°41'10"	♍	-18°10'48"	00°00'00"	-00°04'45"	0.003
02/04/2050 00:00:00	♁	23°39'17"	♁	08°45'09"	-05°09'41"	00°20'38"	0.003
02/04/2050 00:00:00	X	00°41'55"	♁	06°33'11"	-05°30'01"	00°00'38"	93.816
02/04/2050 00:00:00	Y	17°24'47"	♁	11°56'23"	-10°56'29"	00°00'25"	78.512
03/04/2050 00:00:00	♁	13°26'14"	♁	05°18'07"	-00°00'00"	00°59'09"	1.000
03/04/2050 00:00:00	♁	25°21'56"	♁	08°12'09"	-05°09'11"	11°51'45"	0.003
03/04/2050 00:00:00	♁	01°30'40"	♁	14°45'56"	02°57'19"	00°35'44"	0.808
03/04/2050 00:00:00	♁	06°03'50"	♁	13°18'21"	-00°14'45"	01°13'39"	1.533
03/04/2050 00:00:00	♁	14°56'02"	♁	-23°09'56"	-00°34'26"	00°35'30"	1.169
03/04/2050 00:00:00	♁	24°36'19"	♁	21°45'08"	00°33'59"	00°02'35"	4.988
03/04/2050 00:00:00	♁	07°16'40"	♁	-18°46'00"	-00°19'53"	00°04'10"	10.334
03/04/2050 00:00:00	♁	17°40'06"	♍	05°37'04"	00°48'37"	-00°02'16"	17.378
03/04/2050 00:00:00	♁	24°17'16"	♁	17°12'39"	-01°40'36"	00°01'47"	30.565
03/04/2050 00:00:00	♁	09°48'29"	♈	-19°34'34"	-12°39'48"	00°01'24"	42.300
03/04/2050 00:00:00	♁	21°35'43"	♍	-18°09'23"	00°00'00"	-00°06'03"	0.003

Ephemerides year 2050

03/04/2050 00:00:00	♄	11°39'40"	♌r	-17°48'34"	04°24'21"	-00°01'06"	9.128
03/04/2050 00:00:00	♁	28°07'50"	♏	07°18'15"	-05°07'32"	00°06'43"	0.003
03/04/2050 00:00:00	T♃	21°35'43"	♎r	-18°09'23"	00°00'00"	-00°06'03"	0.003
03/04/2050 00:00:00	T♁	24°00'32"	♏	08°38'23"	-05°09'34"	00°20'36"	0.003
03/04/2050 00:00:00	X	00°42'33"	♍	06°33'27"	-05°29'58"	00°00'38"	93.821
03/04/2050 00:00:00	Y	17°25'13"	♈	11°56'33"	-10°56'21"	00°00'26"	78.527
04/04/2050 00:00:00	☉	14°25'23"	♈	05°41'02"	-00°00'00"	00°59'07"	1.000
04/04/2050 00:00:00	☾	07°15'06"	♏	04°13'26"	-04°58'21"	11°55'01"	0.003
04/04/2050 00:00:00	♀	02°02'52"	♍	15°02'21"	03°02'49"	00°28'40"	0.784
04/04/2050 00:00:00	♀	07°17'28"	♍	13°45'00"	-00°12'06"	01°13'37"	1.529
04/04/2050 00:00:00	♂	15°31'30"	♌	-23°07'26"	-00°35'58"	00°35'25"	1.160
04/04/2050 00:00:00	♃	24°38'59"	♈	21°44'39"	00°33'59"	00°02'46"	5.004
04/04/2050 00:00:00	♅	07°20'47"	♌	-18°45'03"	-00°19'59"	00°04'05"	10.319
04/04/2050 00:00:00	♁	17°37'50"	♎r	05°37'55"	00°48'35"	-00°02'14"	17.385
04/04/2050 00:00:00	♃	24°19'04"	♍	17°13'07"	-01°40'33"	00°01'48"	30.577
04/04/2050 00:00:00	♅	09°49'53"	♌	-19°34'13"	-12°40'01"	00°01'24"	42.292
04/04/2050 00:00:00	♁	21°29'15"	♎r	-18°07'42"	00°00'00"	-00°06'45"	0.003
04/04/2050 00:00:00	♄	11°38'31"	♌r	-17°47'47"	04°24'59"	-00°01'12"	9.115
04/04/2050 00:00:00	♁	28°14'33"	♏	07°16'03"	-05°07'27"	00°06'43"	0.003

Ephemerides year 2050

04/04/2050 00:00:00	T♄	21°29'15" ♍	-18°07'42"	00°00'00"	-00°06'45"	0.003
04/04/2050 00:00:00	T♄	24°19'33" ♋	08°32'12"	-05°09'34"	00°17'53"	0.003
04/04/2050 00:00:00	X	00°43'11" ♉	06°33'44"	-05°29'54"	00°00'38"	93.825
04/04/2050 00:00:00	Y	17°25'40" ♀	11°56'44"	-10°56'13"	00°00'26"	78.542
05/04/2050 00:00:00	☉	15°24'29" ♈	06°03'52"	-00°00'00"	00°59'05"	1.000
05/04/2050 00:00:00	☾	19°12'50" ♎	00°03'27"	-04°34'27"	12°00'48"	0.003
05/04/2050 00:00:00	☿	02°27'59" ♉	15°15'07"	03°07'08"	00°21'34"	0.761
05/04/2050 00:00:00	♀	08°31'04" ♉	14°11'19"	-00°09'27"	01°13'34"	1.525
05/04/2050 00:00:00	♂	16°06'54" ♌	-23°04'48"	-00°37'31"	00°35'21"	1.151
05/04/2050 00:00:00	♃	24°41'51" ♉	21°44'09"	00°33'59"	00°02'56"	5.020
05/04/2050 00:00:00	♅	07°24'50" ♋	-18°44'07"	-00°20'06"	00°04'00"	10.303
05/04/2050 00:00:00	♁	17°35'36" ♎	05°38'46"	00°48'34"	-00°02'13"	17.393
05/04/2050 00:00:00	♆	24°20'54" ♉	17°13'36"	-01°40'31"	00°01'50"	30.588
05/04/2050 00:00:00	♂	09°51'17" ♈	-19°33'52"	-12°40'13"	00°01'23"	42.283
05/04/2050 00:00:00	♁	21°22'26" ♎	-18°05'56"	00°00'00"	-00°06'44"	0.003
05/04/2050 00:00:00	♂	11°37'16" ♈	-17°47'00"	04°25'36"	-00°01'18"	9.103
05/04/2050 00:00:00	♁	28°21'16" ♋	07°13'50"	-05°07'23"	00°06'43"	0.003
05/04/2050 00:00:00	T♄	21°22'26" ♎	-18°05'56"	00°00'00"	-00°06'44"	0.003
05/04/2050 00:00:00	T♄	24°39'21" ♋	08°25'38"	-05°09'41"	00°24'19"	0.003

Ephemerides year 2050

05/04/2050 00:00:00	X	00°43'50" ♃	06°34'00"	-05°29'51"	00°00'38"	93.830
05/04/2050 00:00:00	Y	17°26'07" ♃	11°56'54"	-10°56'04"	00°00'27"	78.556
06/04/2050 00:00:00	☉	16°23'33" ♃	06°26'36"	-00°00'00"	00°59'02"	1.000
06/04/2050 00:00:00	☾	01°17'20" ♃	-04°09'11"	-03°58'06"	12°08'27"	0.003
06/04/2050 00:00:00	♀	02°46'01" ♃	15°24'14"	03°10'10"	00°14'29"	0.739
06/04/2050 00:00:00	♀	09°44'38" ♃	14°37'17"	-00°06'46"	01°13'32"	1.520
06/04/2050 00:00:00	♂	16°42'13" ♃	-23°02'02"	-00°39'05"	00°35'16"	1.142
06/04/2050 00:00:00	♃	24°44'53" ♃	21°43'36"	00°33'59"	00°03'07"	5.036
06/04/2050 00:00:00	♃	07°28'49" ♃	-18°43'13"	-00°20'12"	00°03'55"	10.288
06/04/2050 00:00:00	♃	17°33'24" ♃	05°39'37"	00°48'33"	-00°02'11"	17.401
06/04/2050 00:00:00	♃	24°22'45" ♃	17°14'05"	-01°40'29"	00°01'51"	30.599
06/04/2050 00:00:00	♃	09°52'40" ♃	-19°33'32"	-12°40'26"	00°01'22"	42.274
06/04/2050 00:00:00	♃	21°15'59" ♃	-18°04'15"	00°00'00"	-00°06'02"	0.003
06/04/2050 00:00:00	♃	11°35'55" ♃	-17°46'12"	04°26'14"	-00°01'23"	9.091
06/04/2050 00:00:00	♃	28°27'59" ♃	07°11'38"	-05°07'18"	00°06'43"	0.003
06/04/2050 00:00:00	T♃	21°15'59" ♃	-18°04'15"	00°00'00"	-00°06'02"	0.003
06/04/2050 00:00:00	T♃	25°15'21" ♃	08°13'42"	-05°09'50"	00°51'59"	0.003
06/04/2050 00:00:00	X	00°44'28" ♃	06°34'16"	-05°29'48"	00°00'38"	93.834
06/04/2050 00:00:00	Y	17°26'35" ♃	11°57'05"	-10°55'56"	00°00'28"	78.571



Ephemerides year 2050

07/04/2050 00:00:00	♁	17°22'35"	♄	06°49'13"	-00°00'00"	00°59'00"	1.001
07/04/2050 00:00:00	♃	13°30'11"	♌	-08°15'04"	-03°10'27"	12°17'27"	0.003
07/04/2050 00:00:00	♆	02°57'01"	♄	15°29'38"	03°11'52"	00°07'31"	0.718
07/04/2050 00:00:00	♀	10°58'09"	♄	15°02'54"	-00°04'03"	01°13'29"	1.516
07/04/2050 00:00:00	♂	17°17'27"	♌	-22°59'10"	-00°40'40"	00°35'12"	1.133
07/04/2050 00:00:00	♃	24°48'06"	♌	21°43'01"	00°33'59"	00°03'18"	5.052
07/04/2050 00:00:00	♅	07°32'42"	♁	-18°42'19"	-00°20'19"	00°03'51"	10.272
07/04/2050 00:00:00	♁	17°31'14"	♄	05°40'26"	00°48'31"	-00°02'09"	17.409
07/04/2050 00:00:00	♆	24°24'37"	♄	17°14'35"	-01°40'27"	00°01'52"	30.609
07/04/2050 00:00:00	♃	09°54'02"	♌	-19°33'13"	-12°40'39"	00°01'21"	42.265
07/04/2050 00:00:00	♁	21°10'31"	♄	-18°02'49"	00°00'00"	-00°04'47"	0.003
07/04/2050 00:00:00	♆	11°34'29"	♌	-17°45'24"	04°26'51"	-00°01'29"	9.079
07/04/2050 00:00:00	♁	28°34'43"	♄	07°09'25"	-05°07'12"	00°06'43"	0.003
07/04/2050 00:00:00	T♁	21°10'31"	♄	-18°02'49"	00°00'00"	-00°04'47"	0.003
07/04/2050 00:00:00	T♆	26°32'28"	♄	07°48'15"	-05°09'44"	01°46'36"	0.003
07/04/2050 00:00:00	X	00°45'07"	♄	06°34'32"	-05°29'45"	00°00'38"	93.838
07/04/2050 00:00:00	Y	17°27'03"	♄	11°57'15"	-10°55'48"	00°00'28"	78.585
08/04/2050 00:00:00	♁	18°21'35"	♄	07°11'43"	-00°00'00"	00°58'58"	1.001
08/04/2050 00:00:00	♃	25°52'36"	♌	-12°03'39"	-02°13'09"	12°27'29"	0.003

Ephemerides year 2050

08/04/2050 00:00:00	♀	03°01'06" ♀	15°31'19"	03°12'10"	00°00'41"	0.699
08/04/2050 00:00:00	♀	12°11'37" ♀	15°28'09"	-00°01'20"	01°13'27"	1.512
08/04/2050 00:00:00	♂	17°52'37" ♂	-22°56'10"	-00°42'17"	00°35'07"	1.124
08/04/2050 00:00:00	♃	24°51'30" ♃	21°42'25"	00°33'59"	00°03'28"	5.067
08/04/2050 00:00:00	♄	07°36'31" ♄	-18°41'27"	-00°20'25"	00°03'46"	10.256
08/04/2050 00:00:00	♅	17°29'05" ♅	05°41'15"	00°48'30"	-00°02'07"	17.417
08/04/2050 00:00:00	♆	24°26'30" ♆	17°15'04"	-01°40'24"	00°01'53"	30.620
08/04/2050 00:00:00	♇	09°55'23" ♇	-19°32'54"	-12°40'53"	00°01'20"	42.255
08/04/2050 00:00:00	♈	21°06'31" ♈	-18°01'46"	00°00'00"	-00°03'10"	0.003
08/04/2050 00:00:00	♉	11°32'56" ♉	-17°44'35"	04°27'28"	-00°01'35"	9.067
08/04/2050 00:00:00	♊	28°41'26" ♊	07°07'13"	-05°07'07"	00°06'43"	0.003
08/04/2050 00:00:00	T♈	21°06'31" ♈	-18°01'46"	00°00'00"	-00°03'10"	0.003
08/04/2050 00:00:00	T♊	28°55'31" ♊	07°00'50"	-05°08'48"	03°01'38"	0.003
08/04/2050 00:00:00	X	00°45'46" ♀	06°34'48"	-05°29'42"	00°00'39"	93.842
08/04/2050 00:00:00	Y	17°27'33" ♀	11°57'26"	-10°55'40"	00°00'29"	78.600
09/04/2050 00:00:00	♁	19°20'33" ♁	07°34'05"	-00°00'00"	00°58'57"	1.001
09/04/2050 00:00:00	♂	08°25'28" ♂	-15°23'21"	-01°08'32"	12°38'23"	0.003
09/04/2050 00:00:00	♀	02°58'28" ♀	15°29'18"	03°10'59"	-00°05'54"	0.681
09/04/2050 00:00:00	♀	13°25'03" ♀	15°53'00"	00°01'24"	01°13'24"	1.508

Ephemerides year 2050

09/04/2050 00:00:00	♂	18°27'42" ♄	-22°53'04"	-00°43'55"	00°35'02"	1.115
09/04/2050 00:00:00	♃	24°55'04" ♁	21°41'46"	00°33'59"	00°03'39"	5.083
09/04/2050 00:00:00	♅	07°40'15" ♁	-18°40'36"	-00°20'31"	00°03'41"	10.240
09/04/2050 00:00:00	♃	17°26'58" ♃	05°42'03"	00°48'28"	-00°02'05"	17.426
09/04/2050 00:00:00	♃	24°28'24" ♄	17°15'34"	-01°40'22"	00°01'54"	30.630
09/04/2050 00:00:00	♁	09°56'43" ♃	-19°32'35"	-12°41'06"	00°01'19"	42.246
09/04/2050 00:00:00	♁	21°04'11" ♃	-18°01'09"	00°00'00"	-00°01'29"	0.003
09/04/2050 00:00:00	♃	11°31'19" ♃	-17°43'46"	04°28'05"	-00°01'40"	9.055
09/04/2050 00:00:00	♁	28°48'09" ♁	07°05'00"	-05°07'02"	00°06'43"	0.003
09/04/2050 00:00:00	T♁	21°04'11" ♃	-18°01'09"	00°00'00"	-00°01'29"	0.003
09/04/2050 00:00:00	T♁	02°36'37" ♃	05°46'33"	-05°06'01"	04°19'07"	0.003
09/04/2050 00:00:00	X	00°46'25" ♄	06°35'04"	-05°29'39"	00°00'39"	93.846
09/04/2050 00:00:00	Y	17°28'03" ♃	11°57'36"	-10°55'32"	00°00'30"	78.614
10/04/2050 00:00:00	♁	20°19'29" ♃	07°56'20"	-00°00'00"	00°58'55"	1.002
10/04/2050 00:00:00	♃	21°09'41" ♃	-18°02'03"	00°00'33"	12°50'10"	0.003
10/04/2050 00:00:00	♁	02°49'22" ♄	15°23'38"	03°08'18"	-00°12'13"	0.664
10/04/2050 00:00:00	♀	14°38'26" ♄	16°17'28"	00°04'09"	01°13'22"	1.503
10/04/2050 00:00:00	♂	19°02'43" ♄	-22°49'50"	-00°45'34"	00°34'57"	1.106
10/04/2050 00:00:00	♃	24°58'48" ♁	21°41'05"	00°33'59"	00°03'49"	5.099

Ephemerides year 2050

10/04/2050 00:00:00	♄	07°43'54" ♊	-18°39'46"	-00°20'38"	00°03'36"	10.225
10/04/2050 00:00:00	♃	17°24'54" ♉	05°42'51"	00°48'27"	-00°02'03"	17.435
10/04/2050 00:00:00	♃	24°30'19" ♉	17°16'04"	-01°40'20"	00°01'55"	30.640
10/04/2050 00:00:00	♃	09°58'03" ♉	-19°32'17"	-12°41'20"	00°01'19"	42.236
10/04/2050 00:00:00	♃	21°03'28" ♉	-18°00'58"	00°00'00"	00°00'00"	0.003
10/04/2050 00:00:00	♃	11°29'35" ♉	-17°42'56"	04°28'41"	-00°01'46"	9.044
10/04/2050 00:00:00	♃	28°54'53" ♉	07°02'48"	-05°06'56"	00°06'43"	0.003
10/04/2050 00:00:00	♃	21°03'28" ♉	-18°00'58"	00°00'00"	00°00'00"	0.003
10/04/2050 00:00:00	♃	07°27'06" ♉	04°07'18"	-05°00'12"	05°16'44"	0.003
10/04/2050 00:00:00	X	00°47'04" ♉	06°35'20"	-05°29'36"	00°00'39"	93.849
10/04/2050 00:00:00	Y	17°28'33" ♉	11°57'47"	-10°55'24"	00°00'31"	78.628
11/04/2050 00:00:00	♃	21°18'23" ♉	08°18'27"	00°00'00"	00°58'53"	1.002
11/04/2050 00:00:00	♃	04°06'11" ♉	-19°47'58"	01°10'51"	13°02'59"	0.003
11/04/2050 00:00:00	♃	02°34'09" ♉	15°14'25"	03°04'05"	-00°18'08"	0.648
11/04/2050 00:00:00	♃	15°51'47" ♉	16°41'32"	00°06'55"	01°13'19"	1.499
11/04/2050 00:00:00	♃	19°37'38" ♉	-22°46'30"	-00°47'14"	00°34'52"	1.098
11/04/2050 00:00:00	♃	25°02'43" ♉	21°40'23"	00°33'58"	00°03'59"	5.115
11/04/2050 00:00:00	♄	07°47'28" ♊	-18°38'57"	-00°20'44"	00°03'31"	10.209
11/04/2050 00:00:00	♃	17°22'51" ♉	05°43'37"	00°48'25"	-00°02'01"	17.444

Ephemerides year 2050

11/04/2050 00:00:00	♁	24°32'15"	♏	17°16'34"	-01°40'18"	00°01'56"	30.649
11/04/2050 00:00:00	♁	09°59'22"	♏	-19°32'00"	-12°41'34"	00°01'18"	42.226
11/04/2050 00:00:00	♁	21°04'04"	♏	-18°01'07"	00°00'00"	00°01'05"	0.003
11/04/2050 00:00:00	♁	11°27'46"	♏	-17°42'05"	04°29'17"	-00°01'51"	9.032
11/04/2050 00:00:00	♁	29°01'36"	♏	07°00'35"	-05°06'50"	00°06'43"	0.003
11/04/2050 00:00:00	T♁	21°04'04"	♏	-18°01'07"	00°00'00"	00°01'05"	0.003
11/04/2050 00:00:00	T♁	12°57'10"	♏	02°12'46"	-04°50'53"	05°35'51"	0.003
11/04/2050 00:00:00	X	00°47'44"	♏	06°35'36"	-05°29'33"	00°00'39"	93.852
11/04/2050 00:00:00	Y	17°29'05"	♏	11°57'57"	-10°55'16"	00°00'31"	78.641
12/04/2050 00:00:00	♁	22°17'16"	♏	08°40'26"	00°00'00"	00°58'51"	1.002
12/04/2050 00:00:00	♁	17°16'04"	♏	-20°31'14"	02°18'42"	13°16'58"	0.003
12/04/2050 00:00:00	♁	02°13'14"	♏	15°01'44"	02°58'19"	-00°23'36"	0.634
12/04/2050 00:00:00	♁	17°05'06"	♏	17°05'10"	00°09'42"	01°13'17"	1.494
12/04/2050 00:00:00	♁	20°12'28"	♏	-22°43'04"	-00°48'56"	00°34'47"	1.089
12/04/2050 00:00:00	♁	25°06'48"	♏	21°39'38"	00°33'58"	00°04'10"	5.132
12/04/2050 00:00:00	♁	07°50'57"	♏	-18°38'09"	-00°20'51"	00°03'26"	10.193
12/04/2050 00:00:00	♁	17°20'51"	♏	05°44'22"	00°48'24"	-00°01'59"	17.453
12/04/2050 00:00:00	♁	24°34'13"	♏	17°17'04"	-01°40'16"	00°01'57"	30.659
12/04/2050 00:00:00	♁	10°00'39"	♏	-19°31'43"	-12°41'49"	00°01'17"	42.215

Ephemerides year 2050

12/04/2050 00:00:00	♏	21°05'28" ♎	-18°01'29"	00°00'00"	00°01'35"	0.003
12/04/2050 00:00:00	♋	11°25'52" ♌r	-17°41'14"	04°29'54"	-00°01'56"	9.021
12/04/2050 00:00:00	♋	29°08'20" ♎	06°58'23"	-05°06'44"	00°06'43"	0.003
12/04/2050 00:00:00	T♏	21°05'28" ♎	-18°01'29"	00°00'00"	00°01'35"	0.003
12/04/2050 00:00:00	T♋	18°22'49" ♎	00°18'44"	-04°38'57"	05°07'22"	0.003
12/04/2050 00:00:00	X	00°48'24" ♋	06°35'53"	-05°29'31"	00°00'39"	93.854
12/04/2050 00:00:00	Y	17°29'37" ♀	11°58'07"	-10°55'09"	00°00'32"	78.655
13/04/2050 00:00:00	♉	23°16'07" ♋	09°02'16"	00°00'00"	00°58'49"	1.002
13/04/2050 00:00:00	♊	00°40'30" ♌	-20°05'30"	03°20'16"	13°32'05"	0.003
13/04/2050 00:00:00	♀	01°47'06" ♋r	14°45'48"	02°51'02"	-00°28'32"	0.621
13/04/2050 00:00:00	♀	18°18'22" ♋	17°28'23"	00°12'29"	01°13'14"	1.490
13/04/2050 00:00:00	♂	20°47'13" ♌	-22°39'31"	-00°50'39"	00°34'42"	1.080
13/04/2050 00:00:00	♈	25°11'03" ♉	21°38'52"	00°33'58"	00°04'20"	5.148
13/04/2050 00:00:00	♄	07°54'21" ♁	-18°37'23"	-00°20'58"	00°03'21"	10.176
13/04/2050 00:00:00	♄	17°18'52" ♎r	05°45'07"	00°48'22"	-00°01'57"	17.463
13/04/2050 00:00:00	♃	24°36'11" ♋	17°17'35"	-01°40'14"	00°01'58"	30.668
13/04/2050 00:00:00	♁	10°01'56" ♋	-19°31'26"	-12°42'03"	00°01'16"	42.205
13/04/2050 00:00:00	♏	21°07'03" ♎	-18°01'54"	00°00'00"	00°01'28"	0.003
13/04/2050 00:00:00	♋	11°23'53" ♌r	-17°40'23"	04°30'29"	-00°02'02"	9.010

Ephemerides year 2050

13/04/2050 00:00:00	☾	29°15'03" ♎	06°56'10"	-05°06'38"	00°06'43"	0.003
13/04/2050 00:00:00	♄	21°07'03" ♎	-18°01'54"	00°00'00"	00°01'28"	0.003
13/04/2050 00:00:00	♃	22°56'54" ♎	-01°17'22"	-04°26'56"	03°54'14"	0.003
13/04/2050 00:00:00	X	00°49'03" ♎	06°36'09"	-05°29'28"	00°00'39"	93.856
13/04/2050 00:00:00	Y	17°30'09" ♎	11°58'18"	-10°55'01"	00°00'33"	78.669
14/04/2050 00:00:00	☉	24°14'56" ♎	09°23'58"	00°00'00"	00°58'48"	1.003
14/04/2050 00:00:00	☾	14°20'32" ♎	-18°29'14"	04°11'44"	13°48'02"	0.003
14/04/2050 00:00:00	♀	01°16'21" ♎	14°26'48"	02°42'14"	-00°32'51"	0.610
14/04/2050 00:00:00	♀	19°31'35" ♎	17°51'09"	00°15'16"	01°13'12"	1.485
14/04/2050 00:00:00	♂	21°21'52" ♎	-22°35'52"	-00°52'23"	00°34'36"	1.071
14/04/2050 00:00:00	♃	25°15'28" ♎	21°38'03"	00°33'58"	00°04'30"	5.164
14/04/2050 00:00:00	♃	07°57'39" ♎	-18°36'38"	-00°21'04"	00°03'16"	10.160
14/04/2050 00:00:00	♃	17°16'56" ♎	05°45'51"	00°48'20"	-00°01'55"	17.472
14/04/2050 00:00:00	♃	24°38'11" ♎	17°18'05"	-01°40'12"	00°01'59"	30.677
14/04/2050 00:00:00	♃	10°03'12" ♎	-19°31'11"	-12°42'18"	00°01'15"	42.194
14/04/2050 00:00:00	♄	21°08'14" ♎	-18°02'12"	00°00'00"	00°00'47"	0.003
14/04/2050 00:00:00	♃	11°21'48" ♎	-17°39'31"	04°31'05"	-00°02'07"	9.000
14/04/2050 00:00:00	☾	29°21'46" ♎	06°53'58"	-05°06'32"	00°06'43"	0.003
14/04/2050 00:00:00	♄	21°08'14" ♎	-18°02'12"	00°00'00"	00°00'47"	0.003

Ephemerides year 2050

14/04/2050 00:00:00	T♄	26°01'20" ♉	-02°21'50"	-04°17'50"	02°11'37"	0.003
14/04/2050 00:00:00	X	00°49'43" ♉	06°36'25"	-05°29'25"	00°00'39"	93.858
14/04/2050 00:00:00	Y	17°30'43" ♀	11°58'28"	-10°54'54"	00°00'33"	78.682
15/04/2050 00:00:00	☉	25°13'43" ♈	09°45'30"	00°00'00"	00°58'46"	1.003
15/04/2050 00:00:00	☾	28°16'37" ♉	-15°46'12"	04°49'30"	14°04'03"	0.002
15/04/2050 00:00:00	♀	00°41'38" ♉	14°05'01"	02°32'00"	-00°36'28"	0.600
15/04/2050 00:00:00	♀	20°44'46" ♉	18°13'28"	00°18'04"	01°13'09"	1.481
15/04/2050 00:00:00	♂	21°56'26" ♉	-22°32'08"	-00°54'09"	00°34'30"	1.063
15/04/2050 00:00:00	♃	25°20'03" ♉	21°37'13"	00°33'58"	00°04'40"	5.180
15/04/2050 00:00:00	♅	08°00'53" ♉	-18°35'55"	-00°21'11"	00°03'11"	10.144
15/04/2050 00:00:00	♁	17°15'02" ♉	05°46'34"	00°48'19"	-00°01'53"	17.482
15/04/2050 00:00:00	♃	24°40'11" ♉	17°18'36"	-01°40'10"	00°02'00"	30.686
15/04/2050 00:00:00	♁	10°04'27" ♉	-19°30'56"	-12°42'33"	00°01'14"	42.183
15/04/2050 00:00:00	♁	21°08'31" ♉	-18°02'17"	00°00'00"	-00°00'15"	0.003
15/04/2050 00:00:00	♁	11°19'37" ♉	-17°38'39"	04°31'40"	-00°02'12"	8.989
15/04/2050 00:00:00	♁	29°28'30" ♉	06°51'45"	-05°06'26"	00°06'43"	0.003
15/04/2050 00:00:00	T♁	21°08'31" ♉	-18°02'17"	00°00'00"	-00°00'15"	0.003
15/04/2050 00:00:00	T♄	27°18'57" ♉	-02°48'51"	-04°13'46"	00°25'37"	0.003
15/04/2050 00:00:00	X	00°50'23" ♉	06°36'41"	-05°29'23"	00°00'39"	93.860



Ephemerides year 2050

15/04/2050 00:00:00	Y	17°31'17" ♀	11°58'39"	-10°54'46"	00°00'34"	78.695
16/04/2050 00:00:00	☉	26°12'29" ♀	10°06'52"	00°00'00"	00°58'44"	1.003
16/04/2050 00:00:00	☾	12°28'17" ♁	-12°05'05"	05°10'29"	14°18'57"	0.002
16/04/2050 00:00:00	♀	00°03'38" ♀	13°40'47"	02°20'26"	-00°39'21"	0.591
16/04/2050 00:00:00	♀	21°57'54" ♀	18°35'19"	00°20'53"	01°13'07"	1.476
16/04/2050 00:00:00	♂	22°30'53" ♂	-22°28'17"	-00°55'56"	00°34'24"	1.054
16/04/2050 00:00:00	♃	25°24'48" ♃	21°36'21"	00°33'58"	00°04'49"	5.196
16/04/2050 00:00:00	♄	08°04'02" ♁	-18°35'12"	-00°21'18"	00°03'05"	10.128
16/04/2050 00:00:00	♅	17°13'10" ♄	05°47'16"	00°48'17"	-00°01'50"	17.493
16/04/2050 00:00:00	♆	24°42'12" ♀	17°19'07"	-01°40'08"	00°02'01"	30.694
16/04/2050 00:00:00	♇	10°05'41" ♂	-19°30'41"	-12°42'49"	00°01'13"	42.172
16/04/2050 00:00:00	♈	21°07'41" ♄	-18°02'04"	00°00'00"	-00°01'24"	0.003
16/04/2050 00:00:00	♉	11°17'22" ♂	-17°37'46"	04°32'15"	-00°02'18"	8.979
16/04/2050 00:00:00	♊	29°35'13" ♀	06°49'33"	-05°06'19"	00°06'43"	0.003
16/04/2050 00:00:00	T♈	21°07'41" ♄	-18°02'04"	00°00'00"	-00°01'24"	0.003
16/04/2050 00:00:00	T♉	27°01'34" ♄	-02°42'45"	-04°14'38"	-00°53'49"	0.003
16/04/2050 00:00:00	X	00°51'03" ♀	06°36'57"	-05°29'20"	00°00'39"	93.862
16/04/2050 00:00:00	Y	17°31'51" ♀	11°58'49"	-10°54'39"	00°00'34"	78.708
17/04/2050 00:00:00	☉	27°11'12" ♀	10°28'04"	00°00'00"	00°58'43"	1.004

Ephemerides year 2050

17/04/2050 00:00:00	♃	26°53'37" ♊	-07°38'38"	05°12'26"	14°31'06"	0.002
17/04/2050 00:00:00	♆	29°23'10" ♋	13°14'26"	02°07'36"	-00°41'27"	0.584
17/04/2050 00:00:00	♀	23°11'00" ♌	18°56'41"	00°23'41"	01°13'04"	1.472
17/04/2050 00:00:00	♂	23°05'14" ♍	-22°24'21"	-00°57'45"	00°34'17"	1.045
17/04/2050 00:00:00	♁	25°29'43" ♎	21°35'26"	00°33'58"	00°04'59"	5.212
17/04/2050 00:00:00	♄	08°07'05" ♏	-18°34'32"	-00°21'24"	00°03'00"	10.111
17/04/2050 00:00:00	♅	17°11'20" ♐	05°47'57"	00°48'15"	-00°01'48"	17.503
17/04/2050 00:00:00	♆	24°44'14" ♑	17°19'38"	-01°40'07"	00°02'02"	30.703
17/04/2050 00:00:00	♁	10°06'54" ♒	-19°30'27"	-12°43'04"	00°01'12"	42.161
17/04/2050 00:00:00	♋	21°05'46" ♓	-18°01'34"	00°00'00"	-00°02'23"	0.003
17/04/2050 00:00:00	♌	11°15'01" ♈	-17°36'53"	04°32'50"	-00°02'23"	8.969
17/04/2050 00:00:00	♍	29°41'56" ♉	06°47'20"	-05°06'12"	00°06'43"	0.003
17/04/2050 00:00:00	♎	21°05'46" ♏	-18°01'34"	00°00'00"	-00°02'23"	0.003
17/04/2050 00:00:00	♏	25°46'17" ♐	-02°16'29"	-04°18'29"	-01°29'10"	0.003
17/04/2050 00:00:00	♐	00°51'43" ♑	06°37'13"	-05°29'18"	00°00'39"	93.863
17/04/2050 00:00:00	♑	17°32'26" ♒	11°58'59"	-10°54'32"	00°00'35"	78.721
18/04/2050 00:00:00	♈	28°09'55" ♈	10°49'06"	00°00'00"	00°58'41"	1.004
18/04/2050 00:00:00	♃	11°29'00" ♉	-02°42'46"	04°54'26"	14°38'45"	0.002
18/04/2050 00:00:00	♆	28°41'00" ♋	12°46'23"	01°53'41"	-00°42'44"	0.579

Ephemerides year 2050

18/04/2050 00:00:00	♀	24°24'03" ♂	19°17'33"	00°26'29"	01°13'02"	1.467
18/04/2050 00:00:00	♂	23°39'28" ♀	-22°20'19"	-00°59'35"	00°34'11"	1.036
18/04/2050 00:00:00	♃	25°34'48" ♄	21°34'30"	00°33'58"	00°05'09"	5.228
18/04/2050 00:00:00	♅	08°10'03" ♁	-18°33'52"	-00°21'31"	00°02'55"	10.095
18/04/2050 00:00:00	♁	17°09'33" ♃	05°48'37"	00°48'13"	-00°01'46"	17.514
18/04/2050 00:00:00	♃	24°46'17" ♂	17°20'09"	-01°40'05"	00°02'03"	30.711
18/04/2050 00:00:00	♄	10°08'05" ♃	-19°30'14"	-12°43'20"	00°01'11"	42.150
18/04/2050 00:00:00	♁	21°03'04" ♃	-18°00'51"	00°00'00"	-00°02'57"	0.003
18/04/2050 00:00:00	♂	11°12'35" ♃	-17°36'00"	04°33'24"	-00°02'28"	8.959
18/04/2050 00:00:00	♁	29°48'40" ♁	06°45'08"	-05°06'05"	00°06'43"	0.003
18/04/2050 00:00:00	T♁	21°03'04" ♃	-18°00'51"	00°00'00"	-00°02'57"	0.003
18/04/2050 00:00:00	T♁	24°15'28" ♃	-01°44'44"	-04°23'01"	-01°28'08"	0.003
18/04/2050 00:00:00	X	00°52'23" ♂	06°37'29"	-05°29'16"	00°00'39"	93.864
18/04/2050 00:00:00	Y	17°33'02" ♃	11°59'09"	-10°54'24"	00°00'35"	78.733
19/04/2050 00:00:00	♁	29°08'35" ♃	11°09'58"	00°00'00"	00°58'39"	1.004
19/04/2050 00:00:00	♃	26°09'09" ♃	02°24'19"	04°17'10"	14°40'26"	0.002
19/04/2050 00:00:00	♁	27°57'57" ♃	12°17'04"	01°38'48"	-00°43'12"	0.575
19/04/2050 00:00:00	♀	25°37'04" ♂	19°37'56"	00°29'17"	01°12'59"	1.462
19/04/2050 00:00:00	♂	24°13'36" ♀	-22°16'12"	-01°01'27"	00°34'04"	1.028

Ephemerides year 2050

19/04/2050 00:00:00	♃	25°40'02" ♉	21°33'32"	00°33'58"	00°05'18"	5.244
19/04/2050 00:00:00	♅	08°12'55" ♊	-18°33'14"	-00°21'38"	00°02'49"	10.078
19/04/2050 00:00:00	♆	17°07'48" ♋	05°49'16"	00°48'11"	-00°01'43"	17.525
19/04/2050 00:00:00	♇	24°48'21" ♌	17°20'41"	-01°40'03"	00°02'04"	30.718
19/04/2050 00:00:00	♈	10°09'16" ♈	-19°30'01"	-12°43'36"	00°01'10"	42.138
19/04/2050 00:00:00	♎	21°00'02" ♎	-18°00'03"	00°00'00"	-00°03'00"	0.003
19/04/2050 00:00:00	♏	11°10'04" ♏	-17°35'06"	04°33'58"	-00°02'33"	8.949
19/04/2050 00:00:00	♏	29°55'23" ♏	06°42'55"	-05°05'58"	00°06'43"	0.003
19/04/2050 00:00:00	♎	21°00'02" ♎	-18°00'03"	00°00'00"	-00°03'00"	0.003
19/04/2050 00:00:00	♎	22°53'55" ♎	-01°16'15"	-04°27'00"	-01°15'09"	0.003
19/04/2050 00:00:00	X	00°53'03" ♏	06°37'44"	-05°29'13"	00°00'39"	93.864
19/04/2050 00:00:00	Y	17°33'38" ♏	11°59'20"	-10°54'17"	00°00'36"	78.746
20/04/2050 00:00:00	♏	00°07'14" ♏	11°30'38"	00°00'00"	00°58'37"	1.004
20/04/2050 00:00:00	♏	10°47'36" ♏	07°23'04"	03°23'09"	14°35'19"	0.002
20/04/2050 00:00:00	♏	27°14'50" ♏	11°46'56"	01°23'09"	-00°42'53"	0.572
20/04/2050 00:00:00	♏	26°50'02" ♏	19°57'48"	00°32'05"	01°12'56"	1.457
20/04/2050 00:00:00	♏	24°47'37" ♏	-22°11'59"	-01°03'20"	00°33'57"	1.019
20/04/2050 00:00:00	♃	25°45'26" ♉	21°32'32"	00°33'57"	00°05'28"	5.260
20/04/2050 00:00:00	♅	08°15'42" ♊	-18°32'37"	-00°21'45"	00°02'44"	10.062

Ephemerides year 2050

20/04/2050 00:00:00	♃	17°06'05" ♎	05°49'54"	00°48'09"	-00°01'41"	17.536
20/04/2050 00:00:00	♃	24°50'25" ♎	17°21'12"	-01°40'02"	00°02'04"	30.726
20/04/2050 00:00:00	♃	10°10'26" ♋	-19°29'49"	-12°43'52"	00°01'09"	42.126
20/04/2050 00:00:00	♁	20°57'12" ♎	-17°59'19"	00°00'00"	-00°02'34"	0.003
20/04/2050 00:00:00	♃	11°07'29" ♋	-17°34'11"	04°34'32"	-00°02'38"	8.939
20/04/2050 00:00:00	♁	00°02'06" ♎	06°40'42"	-05°05'51"	00°06'43"	0.003
20/04/2050 00:00:00	♁	20°57'12" ♎	-17°59'19"	00°00'00"	-00°02'34"	0.003
20/04/2050 00:00:00	♁	21°41'24" ♎	-00°50'59"	-04°30'30"	-01°12'56"	0.003
20/04/2050 00:00:00	X	00°53'43" ♎	06°38'00"	-05°29'11"	00°00'39"	93.864
20/04/2050 00:00:00	Y	17°34'15" ♋	11°59'30"	-10°54'10"	00°00'37"	78.758
21/04/2050 00:00:00	♁	01°05'51" ♎	11°51'07"	00°00'00"	00°58'36"	1.005
21/04/2050 00:00:00	♃	25°17'34" ♋	11°53'52"	02°16'26"	14°23'32"	0.002
21/04/2050 00:00:00	♁	26°32'26" ♋	11°16'25"	01°06'52"	-00°41'47"	0.571
21/04/2050 00:00:00	♁	28°02'58" ♎	20°17'08"	00°34'53"	01°12'54"	1.452
21/04/2050 00:00:00	♁	25°21'30" ♎	-22°07'42"	-01°05'15"	00°33'50"	1.011
21/04/2050 00:00:00	♃	25°50'59" ♋	21°31'30"	00°33'57"	00°05'37"	5.276
21/04/2050 00:00:00	♁	08°18'24" ♋	-18°32'01"	-00°21'51"	00°02'38"	10.045
21/04/2050 00:00:00	♃	17°04'25" ♎	05°50'32"	00°48'07"	-00°01'38"	17.548
21/04/2050 00:00:00	♃	24°52'30" ♎	17°21'43"	-01°40'00"	00°02'05"	30.733

Ephemerides year 2050

21/04/2050 00:00:00	♁	10°11'34"	♈	-19°29'38"	-12°44'09"	00°01'07"	42.114
21/04/2050 00:00:00	♁	20°55'01"	♎	-17°58'44"	00°00'00"	-00°01'45"	0.003
21/04/2050 00:00:00	♁	11°04'48"	♈	-17°33'17"	04°35'05"	-00°02'42"	8.930
21/04/2050 00:00:00	♁	00°08'49"	♎	06°38'30"	-05°05'44"	00°06'43"	0.003
21/04/2050 00:00:00	♁	20°55'01"	♎	-17°58'44"	00°00'00"	-00°01'45"	0.003
21/04/2050 00:00:00	♁	20°20'52"	♎	-00°22'59"	-04°34'21"	-01°31'47"	0.003
21/04/2050 00:00:00	X	00°54'23"	♈	06°38'16"	-05°29'09"	00°00'40"	93.864
21/04/2050 00:00:00	Y	17°34'52"	♈	11°59'40"	-10°54'03"	00°00'37"	78.770
22/04/2050 00:00:00	♁	02°04'26"	♈	12°11'24"	00°00'00"	00°58'34"	1.005
22/04/2050 00:00:00	♁	09°32'48"	♈	15°38'55"	01°02'10"	14°06'08"	0.002
22/04/2050 00:00:00	♁	25°51'29"	♈	10°45'59"	00°50'11"	-00°39'59"	0.571
22/04/2050 00:00:00	♁	29°15'51"	♈	20°35'56"	00°37'40"	01°12'51"	1.447
22/04/2050 00:00:00	♁	25°55'17"	♈	-22°03'20"	-01°07'11"	00°33'42"	1.002
22/04/2050 00:00:00	♁	25°56'41"	♎	21°30'25"	00°33'57"	00°05'47"	5.292
22/04/2050 00:00:00	♁	08°21'00"	♎	-18°31'27"	-00°21'58"	00°02'33"	10.029
22/04/2050 00:00:00	♁	17°02'48"	♎	05°51'08"	00°48'05"	-00°01'36"	17.559
22/04/2050 00:00:00	♁	24°54'36"	♈	17°22'15"	-01°39'58"	00°02'06"	30.740
22/04/2050 00:00:00	♁	10°12'41"	♈	-19°29'27"	-12°44'25"	00°01'06"	42.102
22/04/2050 00:00:00	♁	20°53'45"	♎	-17°58'24"	00°00'00"	-00°00'46"	0.003

Ephemerides year 2050

22/04/2050 00:00:00	♄	11°02'03" ♏	-17°32'21"	04°35'38"	-00°02'47"	8.921
22/04/2050 00:00:00	♁	00°15'33" ♉	06°36'17"	-05°05'37"	00°06'43"	0.003
22/04/2050 00:00:00	♁	20°53'45" ♉	-17°58'24"	00°00'00"	-00°00'46"	0.003
22/04/2050 00:00:00	♁	18°31'36" ♉	00°14'57"	-04°39'22"	-02°08'56"	0.003
22/04/2050 00:00:00	X	00°55'03" ♀	06°38'32"	-05°29'07"	00°00'40"	93.864
22/04/2050 00:00:00	Y	17°35'30" ♀	11°59'50"	-10°53'57"	00°00'38"	78.782
23/04/2050 00:00:00	♁	03°02'59" ♀	12°31'29"	-00°00'00"	00°58'32"	1.005
23/04/2050 00:00:00	♁	23°28'34" ♀	18°24'20"	-00°14'16"	13°44'53"	0.003
23/04/2050 00:00:00	♁	25°12'41" ♀	10°16'03"	00°33'14"	-00°37'31"	0.572
23/04/2050 00:00:00	♁	00°28'41" ♀	20°54'11"	00°40'26"	01°12'48"	1.442
23/04/2050 00:00:00	♁	26°28'56" ♀	-21°58'53"	-01°09'09"	00°33'35"	0.993
23/04/2050 00:00:00	♁	26°02'33" ♀	21°29'19"	00°33'57"	00°05'56"	5.308
23/04/2050 00:00:00	♁	08°23'31" ♀	-18°30'55"	-00°22'05"	00°02'27"	10.012
23/04/2050 00:00:00	♁	17°01'13" ♀	05°51'43"	00°48'03"	-00°01'33"	17.571
23/04/2050 00:00:00	♁	24°56'43" ♀	17°22'47"	-01°39'57"	00°02'07"	30.747
23/04/2050 00:00:00	♁	10°13'48" ♀	-19°29'17"	-12°44'42"	00°01'05"	42.089
23/04/2050 00:00:00	♁	20°53'28" ♀	-17°58'19"	00°00'00"	00°00'09"	0.003
23/04/2050 00:00:00	♁	10°59'13" ♀	-17°31'26"	04°36'11"	-00°02'52"	8.912
23/04/2050 00:00:00	♁	00°22'16" ♀	06°34'05"	-05°05'29"	00°06'43"	0.003

Ephemerides year 2050

23/04/2050 00:00:00	T♄	20°53'28" ♍	-17°58'19"	00°00'00"	00°00'09"	0.003
23/04/2050 00:00:00	T♄	16°01'14" ♍	01°07'11"	-04°45'46"	-02°51'08"	0.003
23/04/2050 00:00:00	X	00°55'43" ♄	06°38'47"	-05°29'05"	00°00'40"	93.864
23/04/2050 00:00:00	Y	17°36'09" ♀	11°59'59"	-10°53'50"	00°00'38"	78.794
24/04/2050 00:00:00	☉	04°01'30" ♄	12°51'22"	-00°00'00"	00°58'30"	1.006
24/04/2050 00:00:00	☾	07°02'00" ♀	20°01'51"	-01°27'58"	13°21'51"	0.003
24/04/2050 00:00:00	♁	24°36'38" ♀	09°47'01"	00°16'13"	-00°34'29"	0.574
24/04/2050 00:00:00	♀	01°41'28" ♀	21°11'53"	00°43'12"	01°12'45"	1.437
24/04/2050 00:00:00	♂	27°02'27" ♄	-21°54'22"	-01°11'08"	00°33'27"	0.985
24/04/2050 00:00:00	♃	26°08'34" ♄	21°28'11"	00°33'57"	00°06'05"	5.324
24/04/2050 00:00:00	♅	08°25'56" ♁	-18°30'24"	-00°22'12"	00°02'22"	9.995
24/04/2050 00:00:00	♁	16°59'41" ♍	05°52'17"	00°48'01"	-00°01'30"	17.583
24/04/2050 00:00:00	♁	24°58'51" ♄	17°23'19"	-01°39'56"	00°02'07"	30.753
24/04/2050 00:00:00	♁	10°14'53" ♃	-19°29'07"	-12°44'59"	00°01'04"	42.077
24/04/2050 00:00:00	♁	20°54'00" ♍	-17°58'28"	00°00'00"	00°00'52"	0.003
24/04/2050 00:00:00	♁	10°56'19" ♄	-17°30'31"	04°36'43"	-00°02'56"	8.904
24/04/2050 00:00:00	♁	00°28'59" ♍	06°31'52"	-05°05'21"	00°06'43"	0.003
24/04/2050 00:00:00	T♄	20°54'00" ♍	-17°58'28"	00°00'00"	00°00'52"	0.003
24/04/2050 00:00:00	T♄	12°53'48" ♍	02°12'10"	-04°52'54"	-03°20'03"	0.003



Ephemerides year 2050

24/04/2050 00:00:00	X	00°56'23" ♃	06°39'03"	-05°29'03"	00°00'40"	93.863
24/04/2050 00:00:00	Y	17°36'48" ♁	12°00'09"	-10°53'43"	00°00'39"	78.805
25/04/2050 00:00:00	☉	04°59'59" ♃	13°11'02"	-00°00'00"	00°58'28"	1.006
25/04/2050 00:00:00	☾	20°12'21" ♁	20°29'40"	-02°34'55"	12°59'01"	0.003
25/04/2050 00:00:00	♀	24°03'52" ♀	09°19'15"	-00°00'41"	-00°30'57"	0.578
25/04/2050 00:00:00	♀	02°54'12" ♁	21°29'01"	00°45'57"	01°12'42"	1.432
25/04/2050 00:00:00	♂	27°35'50" ♃	-21°49'46"	-01°13'09"	00°33'19"	0.977
25/04/2050 00:00:00	♃	26°14'44" ♁	21°27'01"	00°33'57"	00°06'14"	5.340
25/04/2050 00:00:00	♃	08°28'15" ♃	-18°29'54"	-00°22'19"	00°02'16"	9.979
25/04/2050 00:00:00	♃	16°58'12" ♃	05°52'50"	00°47'59"	-00°01'28"	17.596
25/04/2050 00:00:00	♃	25°00'59" ♃	17°23'51"	-01°39'54"	00°02'08"	30.759
25/04/2050 00:00:00	♃	10°15'57" ♃	-19°28'58"	-12°45'16"	00°01'03"	42.064
25/04/2050 00:00:00	♃	20°55'06" ♃	-17°58'45"	00°00'00"	00°01'15"	0.003
25/04/2050 00:00:00	♃	10°53'20" ♃	-17°29'35"	04°37'15"	-00°03'00"	8.895
25/04/2050 00:00:00	♃	00°35'43" ♃	06°29'39"	-05°05'13"	00°06'43"	0.003
25/04/2050 00:00:00	T♃	20°55'06" ♃	-17°58'45"	00°00'00"	00°01'15"	0.003
25/04/2050 00:00:00	T♃	09°30'20" ♃	03°22'20"	-04°59'37"	-03°21'48"	0.003
25/04/2050 00:00:00	X	00°57'03" ♃	06°39'18"	-05°29'01"	00°00'40"	93.862
25/04/2050 00:00:00	Y	17°37'28" ♁	12°00'19"	-10°53'37"	00°00'39"	78.816

Ephemerides year 2050

26/04/2050 00:00:00	♁	05°58'27" ♉	13°30'29"	-00°00'00"	00°58'26"	1.006
26/04/2050 00:00:00	♃	03°00'43" ♈	19°51'39"	-03°32'12"	12°38'07"	0.003
26/04/2050 00:00:00	♆	23°34'51" ♋	08°53'03"	-00°17'21"	-00°27'01"	0.583
26/04/2050 00:00:00	♀	04°06'54" ♌	21°45'34"	00°48'41"	01°12'39"	1.427
26/04/2050 00:00:00	♂	28°09'06" ♍	-21°45'07"	-01°15'11"	00°33'11"	0.968
26/04/2050 00:00:00	♁	26°21'03" ♈	21°25'50"	00°33'57"	00°06'23"	5.356
26/04/2050 00:00:00	♄	08°30'30" ♉	-18°29'26"	-00°22'26"	00°02'11"	9.962
26/04/2050 00:00:00	♃	16°56'45" ♈	05°53'21"	00°47'57"	-00°01'25"	17.608
26/04/2050 00:00:00	♆	25°03'08" ♋	17°24'23"	-01°39'53"	00°02'09"	30.765
26/04/2050 00:00:00	♁	10°17'00" ♈	-19°28'49"	-12°45'34"	00°01'02"	42.051
26/04/2050 00:00:00	♁	20°56'24" ♈	-17°59'06"	00°00'00"	00°01'17"	0.003
26/04/2050 00:00:00	♆	10°50'17" ♋	-17°28'39"	04°37'46"	-00°03'05"	8.887
26/04/2050 00:00:00	♁	00°42'26" ♈	06°27'27"	-05°05'05"	00°06'43"	0.003
26/04/2050 00:00:00	T♁	20°56'24" ♈	-17°59'06"	00°00'00"	00°01'17"	0.003
26/04/2050 00:00:00	T♆	06°19'33" ♈	04°27'35"	-05°04'55"	-02°55'51"	0.003
26/04/2050 00:00:00	X	00°57'43" ♉	06°39'34"	-05°28'59"	00°00'40"	93.860
26/04/2050 00:00:00	Y	17°38'08" ♌	12°00'29"	-10°53'31"	00°00'40"	78.827
27/04/2050 00:00:00	♁	06°56'52" ♉	13°49'43"	-00°00'00"	00°58'23"	1.006
27/04/2050 00:00:00	♃	15°29'41" ♈	18°15'42"	-04°17'51"	12°20'24"	0.003

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27/04/2050 00:00:00	♀	23°09'56" ♏	08°28'43"	-00°33'39"	-00°22'45"	0.588
27/04/2050 00:00:00	♀	05°19'32" ♏	22°01'32"	00°51'24"	01°12'36"	1.422
27/04/2050 00:00:00	♂	28°42'13" ♌	-21°40'23"	-01°17'15"	00°33'03"	0.960
27/04/2050 00:00:00	♃	26°27'31" ♉	21°24'36"	00°33'57"	00°06'32"	5.371
27/04/2050 00:00:00	♅	08°32'38" ♋	-18°28'59"	-00°22'33"	00°02'05"	9.945
27/04/2050 00:00:00	♁	16°55'21" ♋	05°53'52"	00°47'55"	-00°01'22"	17.621
27/04/2050 00:00:00	♃	25°05'17" ♏	17°24'55"	-01°39'52"	00°02'09"	30.771
27/04/2050 00:00:00	♁	10°18'02" ♋	-19°28'42"	-12°45'51"	00°01'01"	42.038
27/04/2050 00:00:00	♏	20°57'34" ♋	-17°59'24"	00°00'00"	00°01'00"	0.003
27/04/2050 00:00:00	♃	10°47'09" ♏	-17°27'42"	04°38'17"	-00°03'09"	8.880
27/04/2050 00:00:00	♁	00°49'10" ♋	06°25'14"	-05°04'57"	00°06'43"	0.003
27/04/2050 00:00:00	T♏	20°57'34" ♋	-17°59'24"	00°00'00"	00°01'00"	0.003
27/04/2050 00:00:00	T♁	03°43'53" ♋	05°20'20"	-05°08'30"	-02°14'11"	0.003
27/04/2050 00:00:00	X	00°58'23" ♏	06°39'49"	-05°28'57"	00°00'39"	93.858
27/04/2050 00:00:00	Y	17°38'49" ♏	12°00'39"	-10°53'24"	00°00'40"	78.838
28/04/2050 00:00:00	☉	07°55'15" ♏	14°08'42"	-00°00'00"	00°58'21"	1.007
28/04/2050 00:00:00	☾	27°42'54" ♉	15°51'29"	-04°50'45"	12°06'44"	0.003
28/04/2050 00:00:00	♀	22°49'26" ♏	08°06'27"	-00°49'26"	-00°18'14"	0.595
28/04/2050 00:00:00	♀	06°32'07" ♏	22°16'54"	00°54'06"	01°12'33"	1.417

Ephemerides year 2050

28/04/2050 00:00:00	♂	29°15'12" ♄	-21°35'36"	-01°19'20"	00°32'54"	0.951
28/04/2050 00:00:00	♃	26°34'08" ♁	21°23'20"	00°33'57"	00°06'40"	5.387
28/04/2050 00:00:00	♅	08°34'41" ♁	-18°28'33"	-00°22'40"	00°01'59"	9.929
28/04/2050 00:00:00	♁	16°53'59" ♃	05°54'22"	00°47'53"	-00°01'19"	17.634
28/04/2050 00:00:00	♆	25°07'27" ♄	17°25'27"	-01°39'50"	00°02'10"	30.776
28/04/2050 00:00:00	♁	10°19'03" ♃	-19°28'34"	-12°46'09"	00°00'59"	42.025
28/04/2050 00:00:00	♁	20°58'21" ♃	-17°59'36"	00°00'00"	00°00'31"	0.003
28/04/2050 00:00:00	♆	10°43'58" ♃	-17°26'46"	04°38'48"	-00°03'13"	8.872
28/04/2050 00:00:00	♁	00°55'53" ♃	06°23'02"	-05°04'49"	00°06'43"	0.003
28/04/2050 00:00:00	T♁	20°58'21" ♃	-17°59'36"	00°00'00"	00°00'31"	0.003
28/04/2050 00:00:00	T♆	01°51'11" ♃	05°58'12"	-05°10'40"	-01°32'19"	0.003
28/04/2050 00:00:00	X	00°59'03" ♄	06°40'05"	-05°28'55"	00°00'39"	93.856
28/04/2050 00:00:00	Y	17°39'30" ♃	12°00'48"	-10°53'18"	00°00'41"	78.849
29/04/2050 00:00:00	♁	08°53'35" ♄	14°27'28"	-00°00'00"	00°58'19"	1.007
29/04/2050 00:00:00	♃	09°44'40" ♁	12°48'52"	-05°10'18"	11°57'33"	0.003
29/04/2050 00:00:00	♆	22°33'32" ♃	07°46'27"	-01°04'38"	-00°13'32"	0.603
29/04/2050 00:00:00	♀	07°44'39" ♃	22°31'39"	00°56'47"	01°12'30"	1.411
29/04/2050 00:00:00	♂	29°48'03" ♄	-21°30'45"	-01°21'27"	00°32'46"	0.943
29/04/2050 00:00:00	♃	26°40'52" ♁	21°22'03"	00°33'57"	00°06'49"	5.403

Ephemerides year 2050

29/04/2050 00:00:00	♃	08°36'38" ♊	-18°28'10"	-00°22'47"	00°01'54"	9.912
29/04/2050 00:00:00	♃	16°52'41" ♊	05°54'51"	00°47'51"	-00°01'17"	17.647
29/04/2050 00:00:00	♃	25°09'38" ♊	17°25'59"	-01°39'49"	00°02'10"	30.782
29/04/2050 00:00:00	♃	10°20'02" ♊	-19°28'28"	-12°46'27"	00°00'58"	42.012
29/04/2050 00:00:00	♃	20°58'35" ♊	-17°59'40"	00°00'00"	-00°00'02"	0.003
29/04/2050 00:00:00	♃	10°40'43" ♊	-17°25'49"	04°39'18"	-00°03'17"	8.865
29/04/2050 00:00:00	♃	01°02'36" ♊	06°20'49"	-05°04'40"	00°06'43"	0.003
29/04/2050 00:00:00	♃	20°58'35" ♊	-17°59'40"	00°00'00"	-00°00'02"	0.003
29/04/2050 00:00:00	♃	00°35'21" ♊	06°23'31"	-05°11'55"	-01°01'55"	0.003
29/04/2050 00:00:00	X	00°59'43" ♊	06°40'20"	-05°28'53"	00°00'39"	93.854
29/04/2050 00:00:00	Y	17°40'11" ♊	12°00'58"	-10°53'12"	00°00'41"	78.859
30/04/2050 00:00:00	♃	09°51'54" ♊	14°45'59"	-00°00'00"	00°58'17"	1.007
30/04/2050 00:00:00	♃	21°39'35" ♊	09°17'01"	-05°16'18"	11°53'01"	0.003
30/04/2050 00:00:00	♃	22°22'23" ♊	07°28'50"	-01°19'10"	-00°08'44"	0.611
30/04/2050 00:00:00	♃	08°57'08" ♊	22°45'48"	00°59'26"	01°12'26"	1.406
30/04/2050 00:00:00	♃	00°20'45" ♊	-21°25'51"	-01°23'36"	00°32'37"	0.935
30/04/2050 00:00:00	♃	26°47'46" ♊	21°20'43"	00°33'57"	00°06'57"	5.419
30/04/2050 00:00:00	♃	08°38'29" ♊	-18°27'47"	-00°22'54"	00°01'48"	9.895
30/04/2050 00:00:00	♃	16°51'25" ♊	05°55'18"	00°47'49"	-00°01'14"	17.660

Ephemerides year 2050

30/04/2050 00:00:00	♃	25°11'49"	♄	17°26'31"	-01°39'48"	00°02'11"	30.786
30/04/2050 00:00:00	♅	10°21'00"	♆	-19°28'22"	-12°46'45"	00°00'57"	41.998
30/04/2050 00:00:00	♁	20°58'17"	♂	-17°59'35"	00°00'00"	-00°00'34"	0.003
30/04/2050 00:00:00	♁	10°37'23"	♂	-17°24'52"	04°39'48"	-00°03'21"	8.857
30/04/2050 00:00:00	♁	01°09'20"	♂	06°18'36"	-05°04'31"	00°06'43"	0.003
30/04/2050 00:00:00	T♁	20°58'17"	♂	-17°59'35"	00°00'00"	-00°00'34"	0.003
30/04/2050 00:00:00	T♁	29°41'34"	♂	06°41'22"	-05°12'42"	-00°48'40"	0.003
30/04/2050 00:00:00	X	01°00'23"	♄	06°40'35"	-05°28'52"	00°00'39"	93.851
30/04/2050 00:00:00	Y	17°40'54"	♁	12°01'07"	-10°53'06"	00°00'42"	78.869
01/05/2050 00:00:00	♁	10°50'11"	♄	15°04'16"	-00°00'00"	00°58'15"	1.007
01/05/2050 00:00:00	♁	03°32'13"	♂	05°24'14"	-05°08'47"	11°52'58"	0.003
01/05/2050 00:00:00	♁	22°16'04"	♂	07°13'42"	-01°32'56"	-00°03'52"	0.620
01/05/2050 00:00:00	♁	10°09'33"	♁	22°59'19"	01°02'04"	01°12'23"	1.401
01/05/2050 00:00:00	♁	00°53'18"	♁	-21°20'53"	-01°25'46"	00°32'28"	0.926
01/05/2050 00:00:00	♁	26°54'47"	♁	21°19'22"	00°33'57"	00°07'05"	5.434
01/05/2050 00:00:00	♁	08°40'15"	♁	-18°27'26"	-00°23'01"	00°01'42"	9.879
01/05/2050 00:00:00	♁	16°50'12"	♂	05°55'44"	00°47'46"	-00°01'11"	17.673
01/05/2050 00:00:00	♃	25°14'00"	♄	17°27'03"	-01°39'47"	00°02'11"	30.791
01/05/2050 00:00:00	♅	10°21'57"	♆	-19°28'17"	-12°47'03"	00°00'56"	41.985

Ephemerides year 2050

01/05/2050 00:00:00	♏	20°57'30"	♍	-17°59'23"	00°00'00"	-00°00'57"	0.003
01/05/2050 00:00:00	♋	10°34'00"	♌	-17°23'55"	04°40'17"	-00°03'25"	8.851
01/05/2050 00:00:00	♌	01°16'03"	♍	06°16'24"	-05°04'23"	00°06'43"	0.003
01/05/2050 00:00:00	♏	20°57'30"	♍	-17°59'23"	00°00'00"	-00°00'57"	0.003
01/05/2050 00:00:00	♏	28°52'00"	♌	06°57'45"	-05°13'21"	-00°53'15"	0.003
01/05/2050 00:00:00	X	01°01'03"	♌	06°40'50"	-05°28'50"	00°00'39"	93.849
01/05/2050 00:00:00	Y	17°41'36"	♌	12°01'17"	-10°53'00"	00°00'42"	78.879
02/05/2050 00:00:00	♌	11°48'25"	♌	15°22'18"	-00°00'00"	00°58'13"	1.008
02/05/2050 00:00:00	♌	15°26'56"	♍	01°18'17"	-04°48'00"	11°57'06"	0.003
02/05/2050 00:00:00	♌	22°14'37"	♌	07°01'06"	-01°45'55"	00°00'58"	0.630
02/05/2050 00:00:00	♌	11°21'55"	♌	23°12'12"	01°04'40"	01°12'20"	1.395
02/05/2050 00:00:00	♌	01°25'42"	♌	-21°15'53"	-01°27'58"	00°32'19"	0.918
02/05/2050 00:00:00	♌	27°01'57"	♌	21°17'59"	00°33'57"	00°07'13"	5.450
02/05/2050 00:00:00	♌	08°41'55"	♌	-18°27'07"	-00°23'08"	00°01'37"	9.862
02/05/2050 00:00:00	♌	16°49'02"	♍	05°56'10"	00°47'44"	-00°01'08"	17.687
02/05/2050 00:00:00	♌	25°16'12"	♌	17°27'36"	-01°39'46"	00°02'12"	30.795
02/05/2050 00:00:00	♌	10°22'53"	♌	-19°28'12"	-12°47'22"	00°00'54"	41.971
02/05/2050 00:00:00	♏	20°56'26"	♍	-17°59'06"	00°00'00"	-00°01'08"	0.003
02/05/2050 00:00:00	♋	10°30'33"	♌	-17°22'58"	04°40'46"	-00°03'28"	8.844

Ephemerides year 2050

02/05/2050 00:00:00	☾	01°22'46" ♎	06°14'11"	-05°04'14"	00°06'43"	0.003	
02/05/2050 00:00:00	♁	20°56'26" ♎	-17°59'06"		00°00'00"	-00°01'08"	0.003
02/05/2050 00:00:00	♁	27°50'23" ♏	07°17'59"	-05°14'06"	-01°11'40"		0.003
02/05/2050 00:00:00	X	01°01'42" ♏	06°41'05"	-05°28'49"	00°00'39"		93.845
02/05/2050 00:00:00	Y	17°42'19" ♁	12°01'26"	-10°52'55"	00°00'43"		78.889
03/05/2050 00:00:00	☉	12°46'38" ♏	15°40'04"	-00°00'00"	00°58'11"		1.008
03/05/2050 00:00:00	☾	27°27'40" ♎	-02°52'59"	-04°14'29"	12°04'53"		0.003
03/05/2050 00:00:00	♀	22°18'01" ♏	06°51'04"	-01°58'04"	00°05'47"		0.641
03/05/2050 00:00:00	♀	12°34'13" ♁	23°24'26"	01°07'15"	01°12'16"		1.390
03/05/2050 00:00:00	♂	01°57'58" ♁	-21°10'49"	-01°30'12"	00°32'10"		0.910
03/05/2050 00:00:00	♃	27°09'15" ♁	21°16'34"	00°33'57"	00°07'21"		5.465
03/05/2050 00:00:00	♃	08°43'29" ♁	-18°26'49"	-00°23'15"	00°01'31"		9.845
03/05/2050 00:00:00	♃	16°47'54" ♎	05°56'34"	00°47'42"	-00°01'05"		17.700
03/05/2050 00:00:00	♃	25°18'24" ♏	17°28'08"	-01°39'45"	00°02'12"		30.799
03/05/2050 00:00:00	♃	10°23'47" ♁	-19°28'08"	-12°47'40"	00°00'53"		41.957
03/05/2050 00:00:00	♁	20°55'17" ♎	-17°58'48"	00°00'00"	-00°01'07"		0.003
03/05/2050 00:00:00	♃	10°27'03" ♏	-17°22'01"	04°41'14"	-00°03'32"		8.838
03/05/2050 00:00:00	☾	01°29'29" ♎	06°11'59"	-05°04'05"	00°06'43"		0.003
03/05/2050 00:00:00	♁	20°55'17" ♎	-17°58'48"		00°00'00"	-00°01'07"	0.003



Ephemerides year 2050

03/05/2050 00:00:00	T♄	26°27'02" ♈	07°45'07"	-05°14'58"	-01°34'45"	0.003
03/05/2050 00:00:00	X	01°02'21" ♉	06°41'20"	-05°28'47"	00°00'39"	93.842
03/05/2050 00:00:00	Y	17°43'02" ♊	12°01'35"	-10°52'49"	00°00'43"	78.899
04/05/2050 00:00:00	☉	13°44'49" ♉	15°57'34"	-00°00'00"	00°58'09"	1.008
04/05/2050 00:00:00	☾	09°37'43" ♋	-07°01'03"	-03°29'08"	12°15'39"	0.003
04/05/2050 00:00:00	♀	22°26'12" ♋	06°43'37"	-02°09'22"	00°10'32"	0.652
04/05/2050 00:00:00	♀	13°46'29" ♊	23°36'02" ♁	01°09'48"	01°12'13"	1.384
04/05/2050 00:00:00	♂	02°30'03" ♋	-21°05'43"	-01°32'27"	00°32'01"	0.902
04/05/2050 00:00:00	♃	27°16'41" ♋	21°15'07"	00°33'57"	00°07'29"	5.481
04/05/2050 00:00:00	♅	08°44'57" ♋	-18°26'33"	-00°23'22"	00°01'25"	9.829
04/05/2050 00:00:00	♁	16°46'50" ♋	05°56'57"	00°47'40"	-00°01'02"	17.714
04/05/2050 00:00:00	♃	25°20'37" ♉	17°28'40"	-01°39'44"	00°02'12"	30.803
04/05/2050 00:00:00	♁	10°24'40" ♋	-19°28'05"	-12°47'59"	00°00'52"	41.943
04/05/2050 00:00:00	♁	20°54'14" ♋	-17°58'31"	00°00'00"	-00°00'56"	0.003
04/05/2050 00:00:00	♃	10°23'29" ♋	-17°21'03"	04°41'42"	-00°03'35"	8.832
04/05/2050 00:00:00	♄	01°36'12" ♋	06°09'46"	-05°03'55"	00°06'43"	0.003
04/05/2050 00:00:00	T♁	20°54'14" ♋	-17°58'31"	00°00'00"	-00°00'56"	0.003
04/05/2050 00:00:00	T♄	24°44'02" ♈	08°18'18"	-05°15'49"	-01°48'15"	0.003
04/05/2050 00:00:00	X	01°03'01" ♉	06°41'34"	-05°28'46"	00°00'39"	93.838

Ephemerides year 2050

04/05/2050 00:00:00	Y	17°43'46" ♀	12°01'44"	-10°52'44"	00°00'44"	78.908
05/05/2050 00:00:00	☉	14°42'57" ♄	16°14'49"	-00°00'00"	00°58'07"	1.008
05/05/2050 00:00:00	☾	21°59'44" ♁	-10°56'06"	-02°33'20"	12°28'39"	0.003
05/05/2050 00:00:00	♀	22°39'05" ♀	06°38'42"	-02°19'47"	00°15'12"	0.664
05/05/2050 00:00:00	♀	14°58'40" ♀	23°46'58" ♁	01°12'18"	01°12'10"	1.378
05/05/2050 00:00:00	♂	03°02'00" ♁	-21°00'35"	-01°34'44"	00°31'51"	0.894
05/05/2050 00:00:00	♃	27°24'14" ♁	21°13'38"	00°33'57"	00°07'37"	5.496
05/05/2050 00:00:00	♄	08°46'20" ♁	-18°26'18"	-00°23'29"	00°01'19"	9.812
05/05/2050 00:00:00	♅	16°45'48" ♄	05°57'18"	00°47'37"	-00°00'59"	17.728
05/05/2050 00:00:00	♆	25°22'50" ♄	17°29'13"	-01°39'43"	00°02'13"	30.807
05/05/2050 00:00:00	♇	10°25'32" ♄	-19°28'02"	-12°48'18"	00°00'51"	41.929
05/05/2050 00:00:00	♈	20°53'26" ♄	-17°58'19"	00°00'00"	-00°00'39"	0.003
05/05/2050 00:00:00	♉	10°19'52" ♄	-17°20'06"	04°42'10"	-00°03'38"	8.826
05/05/2050 00:00:00	♊	01°42'56" ♄	06°07'34"	-05°03'46"	00°06'43"	0.003
05/05/2050 00:00:00	T♋	20°53'26" ♄	-17°58'19"	00°00'00"	-00°00'39"	0.003
05/05/2050 00:00:00	T♌	22°58'56" ♄	08°51'43"	-05°16'25"	-01°36'43"	0.003
05/05/2050 00:00:00	X	01°03'40" ♄	06°41'49"	-05°28'44"	00°00'39"	93.834
05/05/2050 00:00:00	Y	17°44'31" ♀	12°01'53"	-10°52'38"	00°00'44"	78.917
06/05/2050 00:00:00	☉	15°41'05" ♄	16°31'48"	-00°00'00"	00°58'06"	1.009

Ephemerides year 2050

06/05/2050 00:00:00	♃	04°35'32"	♍	-14°26'42"	-01°29'04"	12°43'05"	0.003
06/05/2050 00:00:00	♆	22°56'34"	♄	06°36'17"	-02°29'19"	00°19'44"	0.676
06/05/2050 00:00:00	♀	16°10'49"	♁	23°57'14"	♁ 01°14'47"	01°12'06"	1.373
06/05/2050 00:00:00	♂	03°33'47"	♁	-20°55'24"	-01°37'03"	00°31'41"	0.886
06/05/2050 00:00:00	♃	27°31'56"	♁	21°12'07"	00°33'57"	00°07'45"	5.511
06/05/2050 00:00:00	♃	08°47'37"	♁	-18°26'05"	-00°23'37"	00°01'14"	9.795
06/05/2050 00:00:00	♃	16°44'50"	♁	05°57'39"	00°47'35"	-00°00'56"	17.743
06/05/2050 00:00:00	♆	25°25'03"	♄	17°29'45"	-01°39'43"	00°02'13"	30.810
06/05/2050 00:00:00	♃	10°26'22"	♁	-19°28'00"	-12°48'37"	00°00'49"	41.915
06/05/2050 00:00:00	♁	20°52'57"	♁	-17°58'11"	00°00'00"	-00°00'19"	0.003
06/05/2050 00:00:00	♃	10°16'11"	♁	-17°19'08"	04°42'37"	-00°03'41"	8.820
06/05/2050 00:00:00	♃	01°49'39"	♁	06°05'21"	-05°03'36"	00°06'43"	0.003
06/05/2050 00:00:00	♁	20°52'57"	♁	-17°58'11"	00°00'00"	-00°00'19"	0.003
06/05/2050 00:00:00	♁	21°41'52"	♁	09°15'55"	-05°16'42"	-00°51'47"	0.003
06/05/2050 00:00:00	X	01°04'19"	♄	06°42'03"	-05°28'43"	00°00'38"	93.830
06/05/2050 00:00:00	Y	17°45'15"	♁	12°02'02"	-10°52'33"	00°00'44"	78.926
07/05/2050 00:00:00	♁	16°39'10"	♄	16°48'30"	00°00'00"	00°58'04"	1.009
07/05/2050 00:00:00	♃	17°26'07"	♍	-17°20'07"	-00°19'05"	12°58'07"	0.003
07/05/2050 00:00:00	♆	23°18'31"	♄	06°36'18"	-02°37'58"	00°24'09"	0.689

Ephemerides year 2050

07/05/2050 00:00:00	♀	17°22'54" ♀	24°06'50" ♀	01°17'13"	01°12'03"	1.367
07/05/2050 00:00:00	♂	04°05'23" ♀	-20°50'11"	-01°39'24"	00°31'31"	0.878
07/05/2050 00:00:00	♃	27°39'45" ♀	21°10'35"	00°33'57"	00°07'52"	5.527
07/05/2050 00:00:00	♄	08°48'48" ♀	-18°25'53"	-00°23'44"	00°01'08"	9.779
07/05/2050 00:00:00	♅	16°43'55" ♀	05°57'58"	00°47'33"	-00°00'53"	17.757
07/05/2050 00:00:00	♆	25°27'17" ♀	17°30'17"	-01°39'42"	00°02'13"	30.813
07/05/2050 00:00:00	♇	10°27'12" ♀	-19°27'58"	-12°48'56"	00°00'48"	41.900
07/05/2050 00:00:00	♈	20°52'46" ♀	-17°58'08"	00°00'00"	-00°00'03"	0.003
07/05/2050 00:00:00	♉	10°12'28" ♀	-17°18'10"	04°43'03"	-00°03'44"	8.815
07/05/2050 00:00:00	♊	01°56'22" ♀	06°03'08"	-05°03'27"	00°06'43"	0.003
07/05/2050 00:00:00	♋	20°52'46" ♀	-17°58'08"	00°00'00"	-00°00'03"	0.003
07/05/2050 00:00:00	♌	21°25'02" ♀	09°21'06"	-05°16'49"	00°21'50"	0.003
07/05/2050 00:00:00	♍	01°04'58" ♀	06°42'18"	-05°28'42"	00°00'38"	93.825
07/05/2050 00:00:00	♎	17°46'01" ♀	12°02'11"	-10°52'28"	00°00'45"	78.934
08/05/2050 00:00:00	♏	17°37'14" ♀	17°04'55"	00°00'00"	00°58'02"	1.009
08/05/2050 00:00:00	♐	00°31'44" ♀	-19°23'10"	00°53'15"	13°13'00"	0.003
08/05/2050 00:00:00	♑	23°44'50" ♀	06°38'43"	-02°45'45"	00°28'25"	0.702
08/05/2050 00:00:00	♀	18°34'55" ♀	24°15'46" ♀	01°19'38"	01°11'59"	1.361
08/05/2050 00:00:00	♂	04°36'50" ♀	-20°44'57"	-01°41'46"	00°31'21"	0.870

Ephemerides year 2050

08/05/2050 00:00:00	♃	27°47'42" ♉	21°09'00"	00°33'57"	00°08'00"	5.542
08/05/2050 00:00:00	♅	08°49'53" ♋	-18°25'43"	-00°23'51"	00°01'02"	9.762
08/05/2050 00:00:00	♆	16°43'02" ♌	05°58'17"	00°47'30"	-00°00'50"	17.771
08/05/2050 00:00:00	♇	25°29'31" ♍	17°30'49"	-01°39'41"	00°02'14"	30.816
08/05/2050 00:00:00	♁	10°28'00" ♋	-19°27'58"	-12°49'16"	00°00'47"	41.886
08/05/2050 00:00:00	♄	20°52'48" ♉	-17°58'08"	00°00'00"	00°00'07"	0.003
08/05/2050 00:00:00	♆	10°08'41" ♌	-17°17'13"	04°43'29"	-00°03'47"	8.810
08/05/2050 00:00:00	♁	02°03'05" ♋	06°00'56"	-05°03'17"	00°06'43"	0.003
08/05/2050 00:00:00	♄♁	20°52'48" ♉	-17°58'08"	00°00'00"	00°00'07"	0.003
08/05/2050 00:00:00	♁♅	22°30'03" ♋	09°00'35"	-05°16'47"	01°48'54"	0.003
08/05/2050 00:00:00	X	01°05'36" ♍	06°42'32"	-05°28'41"	00°00'38"	93.821
08/05/2050 00:00:00	Y	17°46'46" ♋	12°02'20"	-10°52'23"	00°00'45"	78.943
09/05/2050 00:00:00	♁	18°35'16" ♍	17°21'03"	00°00'00"	00°58'01"	1.009
09/05/2050 00:00:00	♃	13°51'53" ♋	-20°24'12"	02°04'03"	13°27'07"	0.003
09/05/2050 00:00:00	♁	24°15'20" ♋	06°43'26"	-02°52'39"	00°32'33"	0.716
09/05/2050 00:00:00	♁	19°46'53" ♋	24°24'01" ♋	01°21'59"	01°11'56"	1.356
09/05/2050 00:00:00	♁	05°08'06" ♋	-20°39'41"	-01°44'10"	00°31'10"	0.862
09/05/2050 00:00:00	♃	27°55'46" ♉	21°07'24"	00°33'57"	00°08'07"	5.557
09/05/2050 00:00:00	♅	08°50'53" ♋	-18°25'34"	-00°23'58"	00°00'56"	9.746

Ephemerides year 2050

09/05/2050 00:00:00	♃	16°42'13" ♎	05°58'34"	00°47'28"	-00°00'47"	17.786
09/05/2050 00:00:00	♃	25°31'45" ♏	17°31'22"	-01°39'41"	00°02'14"	30.818
09/05/2050 00:00:00	♃	10°28'47" ♏	-19°27'57"	-12°49'35"	00°00'46"	41.871
09/05/2050 00:00:00	♃	20°52'58" ♎	-17°58'11"	00°00'00"	00°00'10"	0.003
09/05/2050 00:00:00	♃	10°04'52" ♏	-17°16'15"	04°43'55"	-00°03'50"	8.805
09/05/2050 00:00:00	♃	02°09'49" ♎	05°58'43"	-05°03'07"	00°06'43"	0.003
09/05/2050 00:00:00	♃	20°52'58" ♎	-17°58'11"	00°00'00"	00°00'10"	0.003
09/05/2050 00:00:00	♃	25°01'09" ♏	08°12'24"	-05°16'08"	03°10'58"	0.003
09/05/2050 00:00:00	X	01°06'15" ♏	06°42'46"	-05°28'40"	00°00'38"	93.816
09/05/2050 00:00:00	Y	17°47'32" ♏	12°02'29"	-10°52'18"	00°00'46"	78.951
10/05/2050 00:00:00	♃	19°33'17" ♏	17°36'54"	00°00'00"	00°58'00"	1.010
10/05/2050 00:00:00	♃	27°25'34" ♏	-20°15'18"	03°09'04"	13°39'58"	0.003
10/05/2050 00:00:00	♃	24°49'54" ♏	06°50'22"	-02°58'42"	00°36'32"	0.730
10/05/2050 00:00:00	♃	20°58'47" ♏	24°31'34" ♏	01°24'18"	01°11'52"	1.350
10/05/2050 00:00:00	♃	05°39'11" ♏	-20°34'23"	-01°46'36"	00°30'59"	0.854
10/05/2050 00:00:00	♃	28°03'57" ♏	21°05'46"	00°33'58"	00°08'15"	5.572
10/05/2050 00:00:00	♃	08°51'47" ♏	-18°25'27"	-00°24'05"	00°00'50"	9.729
10/05/2050 00:00:00	♃	16°41'27" ♎	05°58'49"	00°47'25"	-00°00'44"	17.801
10/05/2050 00:00:00	♃	25°34'00" ♏	17°31'54"	-01°39'40"	00°02'14"	30.820

Ephemerides year 2050

10/05/2050 00:00:00	♁	10°29'32"	♈	-19°27'58"	-12°49'55"	00°00'44"	41.857
10/05/2050 00:00:00	♁	20°53'08"	♎	-17°58'14"	00°00'00"	00°00'08"	0.003
10/05/2050 00:00:00	♁	10°01'00"	♈	-17°15'17"	04°44'20"	-00°03'53"	8.801
10/05/2050 00:00:00	♁	02°16'32"	♎	05°56'30"	-05°02'57"	00°06'43"	0.003
10/05/2050 00:00:00	♁	20°53'08"	♎	-17°58'14"	00°00'00"	00°00'08"	0.003
10/05/2050 00:00:00	♁	28°44'42"	♎	06°59'36"	-05°14'02"	04°11'12"	0.003
10/05/2050 00:00:00	X	01°06'53"	♈	06°43'00"	-05°28'39"	00°00'38"	93.810
10/05/2050 00:00:00	Y	17°48'19"	♈	12°02'37"	-10°52'13"	00°00'46"	78.958
11/05/2050 00:00:00	♁	20°31'16"	♈	17°52'27"	00°00'00"	00°57'58"	1.010
11/05/2050 00:00:00	♁	11°11'19"	♈	-18°54'14"	04°04'11"	13°51'14"	0.003
11/05/2050 00:00:00	♁	25°28'23"	♈	06°59'27"	-03°03'55"	00°40'23"	0.745
11/05/2050 00:00:00	♁	22°10'38"	♈	24°38'26"	01°26'35"	01°11'49"	1.344
11/05/2050 00:00:00	♁	06°10'05"	♈	-20°29'05"	-01°49'04"	00°30'48"	0.846
11/05/2050 00:00:00	♁	28°12'16"	♈	21°04'06"	00°33'58"	00°08'22"	5.587
11/05/2050 00:00:00	♁	08°52'35"	♈	-18°25'21"	-00°24'13"	00°00'45"	9.713
11/05/2050 00:00:00	♁	16°40'43"	♈	05°59'04"	00°47'23"	-00°00'41"	17.816
11/05/2050 00:00:00	♁	25°36'14"	♈	17°32'26"	-01°39'39"	00°02'14"	30.822
11/05/2050 00:00:00	♁	10°30'16"	♈	-19°27'59"	-12°50'15"	00°00'43"	41.842
11/05/2050 00:00:00	♁	20°53'14"	♎	-17°58'15"	00°00'00"	00°00'02"	0.003

Ephemerides year 2050

11/05/2050 00:00:00	♄	09°57'06" ♏	-17°14'20"	04°44'44"	-00°03'55"	8.797
11/05/2050 00:00:00	♁	02°23'16" ♏	05°54'18"	-05°02'46"	00°06'43"	0.003
11/05/2050 00:00:00	♁	20°53'14" ♏	-17°58'15"	00°00'00"	00°00'02"	0.003
11/05/2050 00:00:00	♁	03°11'32" ♏	05°30'41"	-05°09'45"	04°35'32"	0.003
11/05/2050 00:00:00	X	01°07'32" ♏	06°43'14"	-05°28'38"	00°00'38"	93.805
11/05/2050 00:00:00	Y	17°49'05" ♏	12°02'46"	-10°52'09"	00°00'46"	78.966
12/05/2050 00:00:00	♁	21°29'14" ♏	18°07'42"	00°00'00"	00°57'57"	1.010
12/05/2050 00:00:00	♁	25°07'27" ♏	-16°25'02"	04°45'38"	14°00'41"	0.002
12/05/2050 00:00:00	♁	26°10'38" ♏	07°10'35"	-03°08'18"	00°44'05"	0.759
12/05/2050 00:00:00	♁	23°22'26" ♏	24°44'37"	01°28'48"	01°11'45"	1.338
12/05/2050 00:00:00	♁	06°40'48" ♏	-20°23'46"	-01°51'34"	00°30'36"	0.838
12/05/2050 00:00:00	♁	28°20'42" ♏	21°02'24"	00°33'58"	00°08'29"	5.602
12/05/2050 00:00:00	♁	08°53'17" ♏	-18°25'17"	-00°24'20"	00°00'39"	9.697
12/05/2050 00:00:00	♁	16°40'03" ♏	05°59'17"	00°47'20"	-00°00'38"	17.831
12/05/2050 00:00:00	♁	25°38'29" ♏	17°32'58"	-01°39'39"	00°02'14"	30.824
12/05/2050 00:00:00	♁	10°30'59" ♏	-19°28'00"	-12°50'34"	00°00'42"	41.827
12/05/2050 00:00:00	♁	20°53'13" ♏	-17°58'15"	00°00'00"	-00°00'02"	0.003
12/05/2050 00:00:00	♁	09°53'09" ♏	-17°13'22"	04°45'08"	-00°03'58"	8.793
12/05/2050 00:00:00	♁	02°29'59" ♏	05°52'05"	-05°02'36"	00°06'43"	0.003



Ephemerides year 2050

12/05/2050 00:00:00	T♄	20°53'13" ♍	-17°58'15"	00°00'00"	-00°00'02"	0.003
12/05/2050 00:00:00	T♄	07°41'01" ♍	03°59'05"	-05°03'33"	04°16'03"	0.003
12/05/2050 00:00:00	X	01°08'10" ♄	06°43'28"	-05°28'37"	00°00'37"	93.799
12/05/2050 00:00:00	Y	17°49'53" ♀	12°02'54"	-10°52'04"	00°00'47"	78.973
13/05/2050 00:00:00	♁	22°27'11" ♄	18°22'39"	00°00'00"	00°57'55"	1.010
13/05/2050 00:00:00	♂	09°12'03" ♁	-12°57'08"	05°10'28"	14°08'08"	0.002
13/05/2050 00:00:00	♀	26°56'32" ♀	07°23'40"	-03°11'52"	00°47'39"	0.775
13/05/2050 00:00:00	♀	24°34'10" ♀	24°50'05" ♁	01°30'59"	01°11'42"	1.332
13/05/2050 00:00:00	♂	07°11'18" ♁	-20°18'27"	-01°54'06"	00°30'24"	0.830
13/05/2050 00:00:00	♃	28°29'15" ♁	21°00'40"	00°33'58"	00°08'36"	5.616
13/05/2050 00:00:00	♃	08°53'53" ♁	-18°25'14"	-00°24'27"	00°00'33"	9.681
13/05/2050 00:00:00	♃	16°39'26" ♍	05°59'30"	00°47'18"	-00°00'35"	17.846
13/05/2050 00:00:00	♃	25°40'44" ♄	17°33'31"	-01°39'39"	00°02'15"	30.825
13/05/2050 00:00:00	♃	10°31'41" ♃	-19°28'03"	-12°50'54"	00°00'40"	41.812
13/05/2050 00:00:00	♁	20°53'09" ♍	-17°58'14"	00°00'00"	-00°00'04"	0.003
13/05/2050 00:00:00	♃	09°49'09" ♃	-17°12'25"	04°45'31"	-00°04'00"	8.789
13/05/2050 00:00:00	♃	02°36'42" ♍	05°49'53"	-05°02'25"	00°06'43"	0.003
13/05/2050 00:00:00	T♄	20°53'09" ♍	-17°58'14"	00°00'00"	-00°00'04"	0.003
13/05/2050 00:00:00	T♄	11°31'01" ♍	02°39'50"	-04°56'46"	03°19'26"	0.003

Ephemerides year 2050

13/05/2050 00:00:00	X	01°08'48" ♄	06°43'42"	-05°28'36"	00°00'37"	93.792
13/05/2050 00:00:00	Y	17°50'40" ♀	12°03'03"	-10°52'00"	00°00'47"	78.980
14/05/2050 00:00:00		♁ 23°25'06" ♄	18°37'17"	00°00'00"	00°57'54"	1.010
14/05/2050 00:00:00		♃ 23°23'01" ♁	-08°43'44"	05°16'42"	14°13'24"	0.002
14/05/2050 00:00:00		♁ 27°45'55" ♃	07°38'38"	-03°14'39"	00°51'06"	0.790
14/05/2050 00:00:00		♁ 25°45'50" ♀	24°54'52" ♁	01°33'07"	01°11'38"	1.326
14/05/2050 00:00:00		♂ 07°41'36" ♁	-20°13'07"	-01°56'40"	00°30'11"	0.822
14/05/2050 00:00:00		♃ 28°37'55" ♁	20°58'55"	00°33'59"	00°08'43"	5.631
14/05/2050 00:00:00		♃ 08°54'23" ♁	-18°25'14"	-00°24'34"	00°00'27"	9.664
14/05/2050 00:00:00		♃ 16°38'52" ♃	05°59'41"	00°47'16"	-00°00'32"	17.861
14/05/2050 00:00:00		♁ 25°42'59" ♄	17°34'03"	-01°39'38"	00°02'15"	30.826
14/05/2050 00:00:00		♁ 10°32'21" ♃	-19°28'05"	-12°51'15"	00°00'39"	41.797
14/05/2050 00:00:00		♁ 20°53'07" ♃	-17°58'13"	00°00'00"	00°00'00"	0.003
14/05/2050 00:00:00		♁ 09°45'07" ♃	-17°11'28"	04°45'54"	-00°04'02"	8.786
14/05/2050 00:00:00		♁ 02°43'25" ♃	05°47'40"	-05°02'14"	00°06'43"	0.003
14/05/2050 00:00:00	T♁	20°53'07" ♃	-17°58'13"	00°00'00"	00°00'00"	0.003
14/05/2050 00:00:00	T♁	14°16'24" ♃	01°42'26"	-04°51'05"	02°12'33"	0.003
14/05/2050 00:00:00	X	01°09'25" ♄	06°43'56"	-05°28'35"	00°00'37"	93.786
14/05/2050 00:00:00	Y	17°51'28" ♀	12°03'11"	-10°51'56"	00°00'47"	78.987

Ephemerides year 2050

15/05/2050 00:00:00	☉	24°23'00" ♉	18°51'37"	00°00'00"	00°57'53"	1.011
15/05/2050 00:00:00	☾	07°38'02" ♉	-04°00'06"	05°03'37"	14°16'12"	0.002
15/05/2050 00:00:00	♁	28°38'42" ♉	07°55'23"	-03°16'40"	00°54'25"	0.806
15/05/2050 00:00:00	♂	26°57'27" ♉	24°58'56" ○	01°35'11"	01°11'35"	1.320
15/05/2050 00:00:00	♂	08°11'41" ♉	-20°07'47"	-01°59'15"	00°29'58"	0.814
15/05/2050 00:00:00	♃	28°46'42" ♉	20°57'07"	00°33'59"	00°08'50"	5.645
15/05/2050 00:00:00	♄	08°54'47" ♉	-18°25'14"	-00°24'42"	00°00'21"	9.648
15/05/2050 00:00:00	♅	16°38'21" ♉	05°59'50"	00°47'13"	-00°00'29"	17.877
15/05/2050 00:00:00	♆	25°45'14" ♉	17°34'35"	-01°39'38"	00°02'15"	30.827
15/05/2050 00:00:00	♇	10°32'59" ♉	-19°28'09"	-12°51'35"	00°00'37"	41.782
15/05/2050 00:00:00	♈	20°53'11" ♉	-17°58'15"	00°00'00"	00°00'09"	0.003
15/05/2050 00:00:00	♉	09°41'03" ♉	-17°10'31"	04°46'16"	-00°04'05"	8.783
15/05/2050 00:00:00	♊	02°50'09" ♉	05°45'27"	-05°02'03"	00°06'43"	0.003
15/05/2050 00:00:00	♋	20°53'11" ♉	-17°58'15"	00°00'00"	00°00'09"	0.003
15/05/2050 00:00:00	♌	16°03'49" ♉	01°05'01"	-04°47'01"	01°27'45"	0.003
15/05/2050 00:00:00	♍	01°10'02" ♉	06°44'09"	-05°28'34"	00°00'37"	93.779
15/05/2050 00:00:00	♎	17°52'16" ♉	12°03'19"	-10°51'52"	00°00'48"	78.994
16/05/2050 00:00:00	☉	25°20'53" ♉	19°05'37"	00°00'00"	00°57'52"	1.011
16/05/2050 00:00:00	☾	21°54'31" ♉	00°57'23"	04°31'52"	14°16'14"	0.002

Ephemerides year 2050

16/05/2050 00:00:00	♀	29°34'44" ♀	08°13'50"	-03°17'56"	00°57'37"	0.822
16/05/2050 00:00:00	♀	28°09'00" ♀	25°02'17" ♀	01°37'13"	01°11'31"	1.314
16/05/2050 00:00:00	♂	08°41'33" ♀	-20°02'28"	-02°01'53"	00°29'45"	0.807
16/05/2050 00:00:00	♂	28°55'35" ♀	20°55'18"	00°33'59"	00°08'56"	5.660
16/05/2050 00:00:00	♂	08°55'05" ♀	-18°25'16"	-00°24'49"	00°00'15"	9.632
16/05/2050 00:00:00	♂	16°37'53" ♀	05°59'59"	00°47'10"	-00°00'26"	17.892
16/05/2050 00:00:00	♂	25°47'30" ♀	17°35'06"	-01°39'38"	00°02'15"	30.827
16/05/2050 00:00:00	♂	10°33'36" ♀	-19°28'13"	-12°51'55"	00°00'36"	41.766
16/05/2050 00:00:00	♂	20°53'27" ♀	-17°58'19"	00°00'00"	00°00'21"	0.003
16/05/2050 00:00:00	♂	09°36'57" ♀	-17°09'34"	04°46'38"	-00°04'07"	8.780
16/05/2050 00:00:00	♂	02°56'52" ♀	05°43'15"	-05°01'52"	00°06'43"	0.003
16/05/2050 00:00:00	T♂	20°53'27" ♀	-17°58'19"	00°00'00"	00°00'21"	0.003
16/05/2050 00:00:00	T♂	17°22'53" ♀	00°37'27"	-04°43'52"	01°14'46"	0.003
16/05/2050 00:00:00	X	01°10'40" ♀	06°44'22"	-05°28'33"	00°00'36"	93.772
16/05/2050 00:00:00	Y	17°53'04" ♀	12°03'27"	-10°51'48"	00°00'48"	79.000
17/05/2050 00:00:00	♂	26°18'45" ♀	19°19'18"	00°00'00"	00°57'51"	1.011
17/05/2050 00:00:00	♂	06°09'29" ♀	05°51'48"	03°43'25"	14°13'09"	0.002
17/05/2050 00:00:00	♀	00°33'55" ♀	08°33'53"	-03°18'28"	01°00'43"	0.838
17/05/2050 00:00:00	♀	29°20'30" ♀	25°04'57" ♀	01°39'11"	01°11'27"	1.308

Ephemerides year 2050

17/05/2050 00:00:00	♂	09°11'12" ♁	-19°57'10"	-02°04'33"	00°29'31"	0.799
17/05/2050 00:00:00	♃	29°04'35" ♁	20°53'27"	00°34'00"	00°09'03"	5.674
17/05/2050 00:00:00	♅	08°55'18" ♁	-18°25'20"	-00°24'56"	00°00'09"	9.616
17/05/2050 00:00:00	♁	16°37'28" ♃	06°00'06"	00°47'08"	-00°00'23"	17.908
17/05/2050 00:00:00	♃	25°49'45" ♂	17°35'38"	-01°39'38"	00°02'15"	30.827
17/05/2050 00:00:00	♁	10°34'12" ♃	-19°28'18"	-12°52'15"	00°00'35"	41.751
17/05/2050 00:00:00	♁	20°53'53" ♃	-17°58'26"	00°00'00"	00°00'30"	0.003
17/05/2050 00:00:00	♃	09°32'49" ♂	-17°08'37"	04°46'59"	-00°04'08"	8.778
17/05/2050 00:00:00	♁	03°03'35" ♃	05°41'02"	-05°01'41"	00°06'43"	0.003
17/05/2050 00:00:00	♁	20°53'53" ♃	-17°58'26"	00°00'00"	00°00'30"	0.003
17/05/2050 00:00:00	♁	18°38'14" ♃	00°11'09"	-04°40'42"	01°16'13"	0.003
17/05/2050 00:00:00	X	01°11'16" ♂	06°44'36"	-05°28'33"	00°00'36"	93.765
17/05/2050 00:00:00	Y	17°53'53" ♃	12°03'35"	-10°51'44"	00°00'48"	79.006
18/05/2050 00:00:00	♁	27°16'35" ♂	19°32'39"	00°00'00"	00°57'49"	1.011
18/05/2050 00:00:00	♁	20°19'43" ♃	10°26'00"	02°41'32"	14°06'43"	0.002
18/05/2050 00:00:00	♁	01°36'09" ♂	08°55'28"	-03°18'17"	01°03'43"	0.855
18/05/2050 00:00:00	♀	00°31'56" ♁	25°06'53" ♁	01°41'05"	01°11'24"	1.301
18/05/2050 00:00:00	♂	09°40'36" ♁	-19°51'52"	-02°07'15"	00°29'17"	0.791
18/05/2050 00:00:00	♃	29°13'42" ♁	20°51'34"	00°34'00"	00°09'10"	5.689

Ephemerides year 2050

18/05/2050 00:00:00	♃	08°55'24" ♊	-18°25'26"	-00°25'04"	00°00'03"	9.600
18/05/2050 00:00:00	♃	16°37'06" ♊	06°00'12"	00°47'05"	-00°00'19"	17.923
18/05/2050 00:00:00	♃	25°52'00" ♊	17°36'10"	-01°39'37"	00°02'15"	30.827
18/05/2050 00:00:00	♃	10°34'47" ♋	-19°28'24"	-12°52'36"	00°00'33"	41.736
18/05/2050 00:00:00	♃	20°54'26" ♋	-17°58'34"	00°00'00"	00°00'32"	0.003
18/05/2050 00:00:00	♃	09°28'40" ♋	-17°07'40"	04°47'20"	-00°04'10"	8.776
18/05/2050 00:00:00	♃	03°10'18" ♋	05°38'50"	-05°01'30"	00°06'43"	0.003
18/05/2050 00:00:00	♃	20°54'26" ♋	-17°58'34"	00°00'00"	00°00'32"	0.003
18/05/2050 00:00:00	♃	19°52'23" ♋	-00°14'42"	-04°37'26"	01°09'12"	0.003
18/05/2050 00:00:00	X	01°11'53" ♋	06°44'49"	-05°28'32"	00°00'36"	93.758
18/05/2050 00:00:00	Y	17°54'41" ♋	12°03'43"	-10°51'40"	00°00'49"	79.012
19/05/2050 00:00:00	♃	28°14'24" ♋	19°45'40"	00°00'00"	00°57'48"	1.012
19/05/2050 00:00:00	♃	04°21'47" ♋	14°23'22"	01°30'29"	13°56'52"	0.002
19/05/2050 00:00:00	♃	02°41'20" ♋	09°18'29"	-03°17'24"	01°06'38"	0.871
19/05/2050 00:00:00	♃	01°43'18" ♋	25°08'07" ♋	01°42'56"	01°11'20"	1.295
19/05/2050 00:00:00	♃	10°09'46" ♋	-19°46'35"	-02°09'59"	00°29'02"	0.784
19/05/2050 00:00:00	♃	29°22'56" ♋	20°49'39"	00°34'01"	00°09'16"	5.703
19/05/2050 00:00:00	♃	08°55'25" ♋	-18°25'33"	-00°25'11"	-00°00'02"	9.584
19/05/2050 00:00:00	♃	16°36'48" ♋	06°00'17"	00°47'03"	-00°00'16"	17.939

Ephemerides year 2050

19/05/2050 00:00:00	♁	25°54'15"	♏	17°36'42"	-01°39'37"	00°02'15"	30.827
19/05/2050 00:00:00	♁	10°35'20"	♏	-19°28'30"	-12°52'57"	00°00'32"	41.720
19/05/2050 00:00:00	♁	20°54'55"	♏	-17°58'42"	00°00'00"	00°00'24"	0.003
19/05/2050 00:00:00	♁	09°24'29"	♏	-17°06'44"	04°47'40"	-00°04'11"	8.774
19/05/2050 00:00:00	♁	03°17'01"	♏	05°36'37"	-05°01'18"	00°06'43"	0.003
19/05/2050 00:00:00	T♁	20°54'55"	♏	-17°58'42"	00°00'00"	00°00'24"	0.003
19/05/2050 00:00:00	T♁	20°49'31"	♏	-00°34'35"	-04°34'47"	00°41'10"	0.003
19/05/2050 00:00:00	X	01°12'29"	♏	06°45'02"	-05°28'31"	00°00'36"	93.750
19/05/2050 00:00:00	Y	17°55'31"	♏	12°03'50"	-10°51'36"	00°00'49"	79.018
20/05/2050 00:00:00	♁	29°12'12"	♏	19°58'22"	00°00'00"	00°57'47"	1.012
20/05/2050 00:00:00	♁	18°12'24"	♏	17°29'10"	00°15'01"	13°43'51"	0.003
20/05/2050 00:00:00	♁	03°49'23"	♏	09°42'52"	-03°15'50"	01°09'28"	0.888
20/05/2050 00:00:00	♁	02°54'37"	♏	25°08'38"	01°44'43"	01°11'16"	1.289
20/05/2050 00:00:00	♁	10°38'41"	♏	-19°41'20"	-02°12'45"	00°28'47"	0.776
20/05/2050 00:00:00	♁	29°32'15"	♏	20°47'42"	00°34'01"	00°09'23"	5.717
20/05/2050 00:00:00	♁	08°55'20"	♏	-18°25'41"	-00°25'19"	-00°00'08"	9.569
20/05/2050 00:00:00	♁	16°36'33"	♏	06°00'20"	00°47'00"	-00°00'13"	17.955
20/05/2050 00:00:00	♁	25°56'30"	♏	17°37'13"	-01°39'37"	00°02'15"	30.826
20/05/2050 00:00:00	♁	10°35'52"	♏	-19°28'36"	-12°53'17"	00°00'31"	41.705

Ephemerides year 2050

20/05/2050 00:00:00	♏	20°55'11" ♎	-17°58'46"	00°00'00"	00°00'05"	0.003
20/05/2050 00:00:00	♋	09°20'16" ♌r	-17°05'48"	04°47'59"	-00°04'13"	8.772
20/05/2050 00:00:00	♋	03°23'44" ♎	05°34'25"	-05°01'07"	00°06'43"	0.003
20/05/2050 00:00:00	♏	20°55'11" ♎	-17°58'46"	00°00'00"	00°00'05"	0.003
20/05/2050 00:00:00	♋	21°07'24" ♎r	-00°40'44"	-04°33'51"	-00°08'31"	0.003
20/05/2050 00:00:00	X	01°13'05" ♄	06°45'14"	-05°28'31"	00°00'35"	93.742
20/05/2050 00:00:00	Y	17°56'20" ♀	12°03'58"	-10°51'33"	00°00'49"	79.023
21/05/2050 00:00:00	♁	00°09'59" ♀	20°10'42"	-00°00'00"	00°57'46"	1.012
21/05/2050 00:00:00	♃	01°48'39" ♀	19°32'14"	-00°59'58"	13°28'16"	0.003
21/05/2050 00:00:00	♋	05°00'14" ♄	10°08'31"	-03°13'37"	01°12'13"	0.905
21/05/2050 00:00:00	♋	04°05'52" ♃	25°08'27" ♁	01°46'27"	01°11'12"	1.283
21/05/2050 00:00:00	♊	11°07'21" ♁	-19°36'07"	-02°15'33"	00°28'31"	0.769
21/05/2050 00:00:00	♉	29°41'42" ♃	20°45'44"	00°34'02"	00°09'29"	5.731
21/05/2050 00:00:00	♊	08°55'09" ♁r	-18°25'51"	-00°25'26"	-00°00'14"	9.553
21/05/2050 00:00:00	♊	16°36'21" ♎r	06°00'23"	00°46'58"	-00°00'10"	17.971
21/05/2050 00:00:00	♋	25°58'45" ♄	17°37'45"	-01°39'37"	00°02'15"	30.825
21/05/2050 00:00:00	♌	10°36'22" ♀	-19°28'44"	-12°53'38"	00°00'29"	41.689
21/05/2050 00:00:00	♏	20°55'02" ♎r	-17°58'44"	00°00'00"	-00°00'22"	0.003
21/05/2050 00:00:00	♋	09°16'02" ♌r	-17°04'52"	04°48'18"	-00°04'14"	8.771



Ephemerides year 2050

21/05/2050 00:00:00	☾	03°30'28" ♎	05°32'12"	-05°00'55"	00°06'43"	0.003
21/05/2050 00:00:00	♁	20°55'02" ♎	-17°58'44"	00°00'00"	-00°00'22"	0.003
21/05/2050 00:00:00	♁	20°28'05" ♎	-00°26'52"	-04°35'29"	-01°11'04"	0.003
21/05/2050 00:00:00	X	01°13'41" ♋	06°45'27"	-05°28'31"	00°00'35"	93.734
21/05/2050 00:00:00	Y	17°57'10" ♋	12°04'05"	-10°51'30"	00°00'49"	79.028
22/05/2050 00:00:00	☉	01°07'45" ♋	20°22'42"	-00°00'00"	00°57'44"	1.012
22/05/2050 00:00:00	☾	15°08'23" ♋	20°26'50"	-02°10'07"	13°10'59"	0.003
22/05/2050 00:00:00	♀	06°13'49" ♋	10°35'22"	-03°10'45"	01°14'55"	0.923
22/05/2050 00:00:00	♀	05°17'03" ♋	25°07'33" ♋	01°48'06"	01°11'08"	1.276
22/05/2050 00:00:00	♂	11°35'45" ♋	-19°30'55"	-02°18'23"	00°28'16"	0.761
22/05/2050 00:00:00	♃	29°51'14" ♋	20°43'43"	00°34'02"	00°09'35"	5.744
22/05/2050 00:00:00	♃	08°54'52" ♋	-18°26'03"	-00°25'33"	-00°00'19"	9.538
22/05/2050 00:00:00	♃	16°36'13" ♎	06°00'24"	00°46'55"	-00°00'06"	17.987
22/05/2050 00:00:00	♃	26°01'00" ♋	17°38'16"	-01°39'37"	00°02'14"	30.824
22/05/2050 00:00:00	♃	10°36'51" ♋	-19°28'51"	-12°53'59"	00°00'28"	41.674
22/05/2050 00:00:00	♁	20°54'24" ♎	-17°58'33"	00°00'00"	-00°00'54"	0.003
22/05/2050 00:00:00	♃	09°11'47" ♋	-17°03'56"	04°48'36"	-00°04'15"	8.770
22/05/2050 00:00:00	☾	03°37'11" ♎	05°30'00"	-05°00'43"	00°06'43"	0.003
22/05/2050 00:00:00	♁	20°54'24" ♎	-17°58'33"	00°00'00"	-00°00'54"	0.003

Ephemerides year 2050

22/05/2050 00:00:00	T♄	18°46'14" ♎	00°08'53"	-04°39'47"	-02°10'33"	0.003
22/05/2050 00:00:00	X	01°14'17" ♉	06°45'39"	-05°28'30"	00°00'35"	93.725
22/05/2050 00:00:00	Y	17°58'00" ♋	12°04'12"	-10°51'26"	00°00'50"	79.033
23/05/2050 00:00:00	☉	02°05'29" ♋	20°34'21"	-00°00'00"	00°57'43"	1.012
23/05/2050 00:00:00	☾	28°10'28" ♋	20°13'16"	-03°11'50"	12°53'07"	0.003
23/05/2050 00:00:00	♀	07°30'04" ♉	11°03'19"	-03°07'16"	01°17'33"	0.940
23/05/2050 00:00:00	♀	06°28'10" ♋	25°05'57" ♋	01°49'42"	01°11'04"	1.270
23/05/2050 00:00:00	♂	12°03'53" ♋	-19°25'46"	-02°21'15"	00°27'59"	0.754
23/05/2050 00:00:00	♃	00°00'53" ♋	20°41'41"	00°34'03"	00°09'41"	5.758
23/05/2050 00:00:00	♅	08°54'29" ♋	-18°26'16"	-00°25'41"	-00°00'25"	9.522
23/05/2050 00:00:00	♁	16°36'07" ♎	06°00'23"	00°46'53"	-00°00'03"	18.003
23/05/2050 00:00:00	♃	26°03'15" ♉	17°38'48"	-01°39'37"	00°02'14"	30.823
23/05/2050 00:00:00	♁	10°37'18" ♋	-19°29'00"	-12°54'20"	00°00'26"	41.658
23/05/2050 00:00:00	♁	20°53'15" ♎	-17°58'15"	00°00'00"	-00°01'23"	0.003
23/05/2050 00:00:00	♃	09°07'31" ♉	-17°03'01"	04°48'54"	-00°04'16"	8.769
23/05/2050 00:00:00	♄	03°43'54" ♎	05°27'47"	-05°00'31"	00°06'43"	0.003
23/05/2050 00:00:00	T♁	20°53'15" ♎	-17°58'15"	00°00'00"	-00°01'23"	0.003
23/05/2050 00:00:00	T♄	16°14'02" ♎	01°02'12"	-04°45'49"	-02°49'06"	0.003
23/05/2050 00:00:00	X	01°14'52" ♉	06°45'52"	-05°28'30"	00°00'35"	93.716

Ephemerides year 2050

23/05/2050 00:00:00	Y	17°58'50" ♀	12°04'20"	-10°51'23"	00°00'50"	79.037
24/05/2050 00:00:00	☉	03°03'11" ♀	20°45'39"	-00°00'00"	00°57'41"	1.013
24/05/2050 00:00:00	☾	10°54'52" ♀	18°57'14"	-04°02'30"	12°35'52"	0.003
24/05/2050 00:00:00	♁	08°48'55" ♂	11°32'19"	-03°03'10"	01°20'09"	0.958
24/05/2050 00:00:00	♂	07°39'13" ♀	25°03'38"	01°51'14"	01°11'00"	1.263
24/05/2050 00:00:00	♂	12°31'45" ♀	-19°20'39"	-02°24'09"	00°27'43"	0.746
24/05/2050 00:00:00	♃	00°10'37" ♂	20°39'37"	00°34'03"	00°09'47"	5.772
24/05/2050 00:00:00	♄	08°54'00" ♀	-18°26'30"	-00°25'48"	-00°00'31"	9.507
24/05/2050 00:00:00	♅	16°36'05" ♀	06°00'22"	00°46'50"	-00°00'00"	18.020
24/05/2050 00:00:00	♆	26°05'30" ♂	17°39'19"	-01°39'38"	00°02'14"	30.821
24/05/2050 00:00:00	♇	10°37'44" ♀	-19°29'09"	-12°54'41"	00°00'25"	41.642
24/05/2050 00:00:00	♈	20°51'41" ♀	-17°57'50"	00°00'00"	-00°01'42"	0.003
24/05/2050 00:00:00	♉	09°03'14" ♂	-17°02'06"	04°49'11"	-00°04'17"	8.769
24/05/2050 00:00:00	♊	03°50'38" ♀	05°25'35"	-05°00'19"	00°06'43"	0.003
24/05/2050 00:00:00	T♈	20°51'41" ♀	-17°57'50"	00°00'00"	-00°01'42"	0.003
24/05/2050 00:00:00	T♉	13°18'40" ♀	02°03'26"	-04°52'08"	-02°56'12"	0.003
24/05/2050 00:00:00	X	01°15'27" ♂	06°46'04"	-05°28'29"	00°00'34"	93.707
24/05/2050 00:00:00	Y	17°59'41" ♀	12°04'27"	-10°51'20"	00°00'50"	79.041
25/05/2050 00:00:00	☉	04°00'53" ♀	20°56'35"	-00°00'00"	00°57'40"	1.013

Ephemerides year 2050

25/05/2050 00:00:00	♃	23°22'47" ♉	16°47'55"	-04°40'27"	12°20'21"	0.003
25/05/2050 00:00:00	♆	10°10'21" ♉	12°02'16"	-02°58'28"	01°22'42"	0.975
25/05/2050 00:00:00	♀	08°50'11" ♉	25°00'38" ♀	01°52'41"	01°10'56"	1.257
25/05/2050 00:00:00	♂	12°59'20" ♋	-19°15'35"	-02°27'05"	00°27'26"	0.739
25/05/2050 00:00:00	♃	00°20'27" ♉	20°37'31"	00°34'04"	00°09'53"	5.785
25/05/2050 00:00:00	♃	08°53'25" ♋	-18°26'47"	-00°25'56"	-00°00'37"	9.492
25/05/2050 00:00:00	♃	16°36'06" ♋	06°00'19"	00°46'47"	00°00'02"	18.036
25/05/2050 00:00:00	♃	26°07'44" ♉	17°39'50"	-01°39'38"	00°02'14"	30.819
25/05/2050 00:00:00	♃	10°38'09" ♋	-19°29'19"	-12°55'02"	00°00'23"	41.627
25/05/2050 00:00:00	♃	20°49'54" ♋	-17°57'22"	00°00'00"	-00°01'47"	0.003
25/05/2050 00:00:00	♃	08°58'57" ♋	-17°01'11"	04°49'28"	-00°04'17"	8.769
25/05/2050 00:00:00	♃	03°57'21" ♋	05°23'22"	-05°00'06"	00°06'43"	0.003
25/05/2050 00:00:00	♃	20°49'54" ♋	-17°57'22"	00°00'00"	-00°01'47"	0.003
25/05/2050 00:00:00	♃	10°31'01" ♋	03°01'41"	-04°57'29"	-02°35'28"	0.003
25/05/2050 00:00:00	X	01°16'01" ♉	06°46'16"	-05°28'29"	00°00'34"	93.698
25/05/2050 00:00:00	Y	18°00'31" ♋	12°04'34"	-10°51'18"	00°00'50"	79.045
26/05/2050 00:00:00	♃	04°58'32" ♋	21°07'10"	-00°00'00"	00°57'38"	1.013
26/05/2050 00:00:00	♃	05°36'31" ♉	13°55'55"	-05°04'48"	12°07'37"	0.003
26/05/2050 00:00:00	♆	11°34'19" ♉	12°33'05"	-02°53'12"	01°25'13"	0.993

Ephemerides year 2050

26/05/2050 00:00:00	♀	10°01'05" ♃	24°56'55" ♁	01°54'04"	01°10'51"	1.250
26/05/2050 00:00:00	♂	13°26'37" ♁	-19°10'34"	-02°30'04"	00°27'09"	0.732
26/05/2050 00:00:00	♃	00°30'23" ♁	20°35'24"	00°34'05"	00°09'58"	5.798
26/05/2050 00:00:00	♃	08°52'45" ♁	-18°27'04"	-00°26'03"	-00°00'43"	9.477
26/05/2050 00:00:00	♃	16°36'10" ♃	06°00'15"	00°46'45"	00°00'05"	18.052
26/05/2050 00:00:00	♃	26°09'58" ♃	17°40'21"	-01°39'38"	00°02'13"	30.817
26/05/2050 00:00:00	♃	10°38'32" ♃	-19°29'29"	-12°55'23"	00°00'22"	41.611
26/05/2050 00:00:00	♁	20°48'11" ♃	-17°56'55"	00°00'00"	-00°01'36"	0.003
26/05/2050 00:00:00	♃	08°54'38" ♃	-17°00'17"	04°49'44"	-00°04'18"	8.769
26/05/2050 00:00:00	♃	04°04'04" ♃	05°21'10"	-04°59'54"	00°06'43"	0.003
26/05/2050 00:00:00	♁	20°48'11" ♃	-17°56'55"	00°00'00"	-00°01'36"	0.003
26/05/2050 00:00:00	♃	08°12'11" ♃	03°49'36"	-05°01'24"	-02°01'21"	0.003
26/05/2050 00:00:00	X	01°16'35" ♃	06°46'28"	-05°28'29"	00°00'34"	93.689
26/05/2050 00:00:00	Y	18°01'22" ♃	12°04'41"	-10°51'15"	00°00'50"	79.049
27/05/2050 00:00:00	♁	05°56'10" ♃	21°17'22"	-00°00'00"	00°57'37"	1.013
27/05/2050 00:00:00	♃	17°39'15" ♁	10°31'35"	-05°15'18"	11°58'30"	0.003
27/05/2050 00:00:00	♃	13°00'48" ♃	13°04'41"	-02°47'23"	01°27'43"	1.011
27/05/2050 00:00:00	♀	11°11'54" ♃	24°52'31" ♁	01°55'23"	01°10'47"	1.244
27/05/2050 00:00:00	♂	13°53'38" ♁	-19°05'36"	-02°33'04"	00°26'51"	0.724

Ephemerides year 2050

27/05/2050 00:00:00	♃	00°40'25" ♏	20°33'14"	00°34'05"	00°10'04"	5.812
27/05/2050 00:00:00	♅	08°51'59" ♎	-18°27'24"	-00°26'10"	-00°00'49"	9.462
27/05/2050 00:00:00	♁	16°36'18" ♎	06°00'10"	00°46'42"	00°00'09"	18.069
27/05/2050 00:00:00	♆	26°12'12" ♏	17°40'51"	-01°39'38"	00°02'13"	30.814
27/05/2050 00:00:00	♁	10°38'54" ♏	-19°29'40"	-12°55'44"	00°00'20"	41.595
27/05/2050 00:00:00	♁	20°46'47" ♎	-17°56'33"	00°00'00"	-00°01'08"	0.003
27/05/2050 00:00:00	♆	08°50'20" ♏	-16°59'24"	04°49'59"	-00°04'18"	8.770
27/05/2050 00:00:00	♁	04°10'47" ♎	05°18'57"	-04°59'41"	00°06'43"	0.003
27/05/2050 00:00:00	T♁	20°46'47" ♎	-17°56'33"	00°00'00"	-00°01'08"	0.003
27/05/2050 00:00:00	T♆	06°27'26" ♎	04°25'30"	-05°04'05"	-01°29'38"	0.003
27/05/2050 00:00:00	X	01°17'09" ♏	06°46'39"	-05°28'29"	00°00'33"	93.679
27/05/2050 00:00:00	Y	18°02'13" ♏	12°04'47"	-10°51'13"	00°00'51"	79.052
28/05/2050 00:00:00	♁	06°53'47" ♏	21°27'13"	-00°00'00"	00°57'35"	1.013
28/05/2050 00:00:00	♃	29°34'55" ♏	06°44'15"	-05°12'03"	11°53'34"	0.003
28/05/2050 00:00:00	♆	14°29'45" ♏	13°36'59"	-02°41'01"	01°30'11"	1.029
28/05/2050 00:00:00	♀	12°22'39" ♏	24°47'25"	01°56'37"	01°10'42"	1.237
28/05/2050 00:00:00	♂	14°20'20" ♎	-19°00'42"	-02°36'07"	00°26'33"	0.717
28/05/2050 00:00:00	♃	00°50'32" ♏	20°31'03"	00°34'06"	00°10'09"	5.825
28/05/2050 00:00:00	♅	08°51'07" ♎	-18°27'45"	-00°26'18"	-00°00'54"	9.447

Ephemerides year 2050

28/05/2050 00:00:00	♃	16°36'28" ♉	06°00'03"	00°46'40"	00°00'12"	18.085
28/05/2050 00:00:00	♃	26°14'26" ♉	17°41'22"	-01°39'39"	00°02'13"	30.811
28/05/2050 00:00:00	♃	10°39'14" ♉	-19°29'52"	-12°56'05"	00°00'19"	41.579
28/05/2050 00:00:00	♃	20°45'57" ♉	-17°56'20"	00°00'00"	-00°00'29"	0.003
28/05/2050 00:00:00	♃	08°46'01" ♉	-16°58'30"	04°50'14"	-00°04'19"	8.770
28/05/2050 00:00:00	♃	04°17'30" ♉	05°16'45"	-04°59'28"	00°06'43"	0.003
28/05/2050 00:00:00	♃	20°45'57" ♉	-17°56'20"	00°00'00"	-00°00'29"	0.003
28/05/2050 00:00:00	♃	05°08'23" ♉	04°52'25"	-05°05'56"	-01°11'18"	0.003
28/05/2050 00:00:00	X	01°17'43" ♉	06°46'51"	-05°28'29"	00°00'33"	93.669
28/05/2050 00:00:00	Y	18°03'04" ♉	12°04'54"	-10°51'10"	00°00'51"	79.055
29/05/2050 00:00:00	♃	07°51'22" ♉	21°36'41"	-00°00'00"	00°57'34"	1.013
29/05/2050 00:00:00	♃	11°27'56" ♉	02°42'12"	-04°55'29"	11°53'12"	0.003
29/05/2050 00:00:00	♃	16°01'10" ♉	14°09'54"	-02°34'09"	01°32'38"	1.047
29/05/2050 00:00:00	♃	13°33'19" ♉	24°41'38" ○	01°57'47"	01°10'37"	1.230
29/05/2050 00:00:00	♃	14°46'44" ♉	-18°55'52"	-02°39'11"	00°26'14"	0.710
29/05/2050 00:00:00	♃	01°00'45" ♉	20°28'50"	00°34'07"	00°10'15"	5.838
29/05/2050 00:00:00	♃	08°50'09" ♉	-18°28'07"	-00°26'25"	-00°01'00"	9.432
29/05/2050 00:00:00	♃	16°36'42" ♉	05°59'55"	00°46'37"	00°00'15"	18.102
29/05/2050 00:00:00	♃	26°16'39" ♉	17°41'52"	-01°39'39"	00°02'12"	30.808

Ephemerides year 2050

29/05/2050 00:00:00	♁	10°39'33"	♈	-19°30'04"	-12°56'26"	00°00'17"	41.563
29/05/2050 00:00:00	♁	20°45'50"	♎	-17°56'18"	00°00'00"	00°00'15"	0.003
29/05/2050 00:00:00	♆	08°41'42"	♄	-16°57'37"	04°50'28"	-00°04'19"	8.771
29/05/2050 00:00:00	♁	04°24'13"	♎	05°14'32"	-04°59'15"	00°06'43"	0.003
29/05/2050 00:00:00	♁	20°45'50"	♎	-17°56'18"	00°00'00"	00°00'15"	0.003
29/05/2050 00:00:00	♁	03°58'37"	♄	05°16'03"	-05°07'27"	-01°11'27"	0.003
29/05/2050 00:00:00	X	01°18'16"	♄	06°47'02"	-05°28'29"	00°00'32"	93.659
29/05/2050 00:00:00	Y	18°03'55"	♈	12°05'00"	-10°51'08"	00°00'51"	79.058
30/05/2050 00:00:00	♁	08°48'56"	♈	21°45'47"	-00°00'00"	00°57'33"	1.014
30/05/2050 00:00:00	♁	23°22'55"	♎	-01°26'56"	-04°26'11"	11°57'32"	0.003
30/05/2050 00:00:00	♁	17°35'02"	♄	14°43'21"	-02°26'46"	01°35'05"	1.065
30/05/2050 00:00:00	♁	14°43'54"	♁	24°35'11"	01°58'52"	01°10'32"	1.224
30/05/2050 00:00:00	♁	15°12'50"	♁	-18°51'05"	-02°42'18"	00°25'56"	0.703
30/05/2050 00:00:00	♁	01°11'03"	♁	20°26'36"	00°34'08"	00°10'20"	5.850
30/05/2050 00:00:00	♁	08°49'06"	♁	-18°28'31"	-00°26'33"	-00°01'06"	9.418
30/05/2050 00:00:00	♁	16°36'59"	♎	05°59'46"	00°46'34"	00°00'18"	18.118
30/05/2050 00:00:00	♁	26°18'51"	♄	17°42'23"	-01°39'40"	00°02'12"	30.805
30/05/2050 00:00:00	♁	10°39'50"	♈	-19°30'17"	-12°56'48"	00°00'16"	41.548
30/05/2050 00:00:00	♁	20°46'26"	♎	-17°56'27"	00°00'00"	00°00'55"	0.003



Ephemerides year 2050

30/05/2050 00:00:00	♄	08°37'23"	♏	-16°56'45"	04°50'41"	-00°04'19"	8.773
30/05/2050 00:00:00	♁	04°30'57"	♏	05°12'20"	-04°59'02"	00°06'43"	0.003
30/05/2050 00:00:00	♁	20°46'26"	♏	-17°56'27"	00°00'00"	00°00'55"	0.003
30/05/2050 00:00:00	♁	02°39'11"	♏	05°42'50"	-05°09'01"	-01°30'17"	0.003
30/05/2050 00:00:00	X	01°18'48"	♏	06°47'13"	-05°28'29"	00°00'32"	93.648
30/05/2050 00:00:00	Y	18°04'47"	♏	12°05'07"	-10°51'06"	00°00'51"	79.061
31/05/2050 00:00:00	♁	09°46'29"	♏	21°54'30"	-00°00'00"	00°57'31"	1.014
31/05/2050 00:00:00	♁	05°24'33"	♏	-05°35'25"	-03°45'00"	12°06'26"	0.003
31/05/2050 00:00:00	♁	19°11'21"	♏	15°17'12"	-02°18'55"	01°37'31"	1.082
31/05/2050 00:00:00	♁	15°54'25"	♏	24°28'03"	01°59'53"	01°10'27"	1.217
31/05/2050 00:00:00	♁	15°38'36"	♏	-18°46'23"	-02°45'27"	00°25'36"	0.696
31/05/2050 00:00:00	♁	01°21'26"	♏	20°24'19"	00°34'09"	00°10'25"	5.863
31/05/2050 00:00:00	♁	08°47'57"	♏	-18°28'56"	-00°26'40"	-00°01'11"	9.403
31/05/2050 00:00:00	♁	16°37'19"	♏	05°59'36"	00°46'32"	00°00'21"	18.135
31/05/2050 00:00:00	♁	26°21'04"	♏	17°42'53"	-01°39'40"	00°02'12"	30.801
31/05/2050 00:00:00	♁	10°40'06"	♏	-19°30'30"	-12°57'09"	00°00'15"	41.532
31/05/2050 00:00:00	♁	20°47'37"	♏	-17°56'46"	00°00'00"	00°01'23"	0.003
31/05/2050 00:00:00	♁	08°33'03"	♏	-16°55'53"	04°50'54"	-00°04'18"	8.775
31/05/2050 00:00:00	♁	04°37'40"	♏	05°10'07"	-04°58'49"	00°06'43"	0.003

Ephemerides year 2050

31/05/2050 00:00:00	T♄	20°47'37" ♎	-17°56'46"	00°00'00"	00°01'23"	0.003
31/05/2050 00:00:00	T♄	00°53'19" ♎	06°18'19"	-05°10'47"	-02°03'07"	0.003
31/05/2050 00:00:00	X	01°19'21" ♎	06°47'24"	-05°28'29"	00°00'32"	93.638
31/05/2050 00:00:00	Y	18°05'38" ♋	12°05'13"	-10°51'04"	00°00'51"	79.063
01/06/2050 00:00:00	☉	10°44'00" ♋	22°02'50"	-00°00'00"	00°57'30"	1.014
01/06/2050 00:00:00	☾	17°37'13" ♋	-09°34'41"	-02°53'04"	12°19'31"	0.003
01/06/2050 00:00:00	♀	20°50'05" ♎	15°51'23"	-02°10'36"	01°39'56"	1.100
01/06/2050 00:00:00	♀	17°04'50" ♋	24°20'14"	02°00'49"	01°10'22"	1.210
01/06/2050 00:00:00	♂	16°04'03" ♋	-18°41'46"	-02°48'38"	00°25'17"	0.689
01/06/2050 00:00:00	♃	01°31'55" ♋	20°22'01"	00°34'10"	00°10'30"	5.876
01/06/2050 00:00:00	♃	08°46'42" ♋	-18°29'23"	-00°26'47"	-00°01'17"	9.389
01/06/2050 00:00:00	♃	16°37'43" ♎	05°59'25"	00°46'29"	00°00'25"	18.151
01/06/2050 00:00:00	♃	26°23'16" ♎	17°43'23"	-01°39'41"	00°02'11"	30.797
01/06/2050 00:00:00	♃	10°40'20" ♋	-19°30'44"	-12°57'30"	00°00'13"	41.516
01/06/2050 00:00:00	♃	20°49'06" ♎	-17°57'10"	00°00'00"	00°01'31"	0.003
01/06/2050 00:00:00	♃	08°28'45" ♋	-16°55'02"	04°51'06"	-00°04'18"	8.777
01/06/2050 00:00:00	♃	04°44'23" ♎	05°07'55"	-04°58'35"	00°06'43"	0.003
01/06/2050 00:00:00	T♄	20°49'06" ♎	-17°57'10"	00°00'00"	00°01'31"	0.003
01/06/2050 00:00:00	T♄	28°31'40" ♋	07°05'20"	-05°12'39"	-02°39'35"	0.003

Ephemerides year 2050

01/06/2050 00:00:00	X	01°19'53" ♃	06°47'35"	-05°28'29"	00°00'31"	93.627
01/06/2050 00:00:00	Y	18°06'30" ♃	12°05'19"	-10°51'02"	00°00'51"	79.065
02/06/2050 00:00:00	☉	11°41'30" ♃	22°10'47"	-00°00'00"	00°57'29"	1.014
02/06/2050 00:00:00	☾	00°04'47" ♎	-13°14'36"	-01°52'01"	12°36'06"	0.003
02/06/2050 00:00:00	♀	22°31'14" ♃	16°25'47"	-02°01'52"	01°42'22"	1.118
02/06/2050 00:00:00	♀	18°15'10" ♉	24°11'46" ○	02°01'39"	01°10'17"	1.203
02/06/2050 00:00:00	♂	16°29'10" ♁	-18°37'14"	-02°51'52"	00°24'56"	0.682
02/06/2050 00:00:00	♃	01°42'28" ♃	20°19'41"	00°34'11"	00°10'35"	5.888
02/06/2050 00:00:00	♃	08°45'22" ♁	-18°29'51"	-00°26'55"	-00°01'22"	9.375
02/06/2050 00:00:00	♃	16°38'09" ♎	05°59'12"	00°46'26"	00°00'28"	18.168
02/06/2050 00:00:00	♃	26°25'27" ♃	17°43'52"	-01°39'41"	00°02'11"	30.793
02/06/2050 00:00:00	♃	10°40'33" ♃	-19°30'59"	-12°57'51"	00°00'12"	41.500
02/06/2050 00:00:00	♃	20°50'32" ♎	-17°57'32"	00°00'00"	00°01'15"	0.003
02/06/2050 00:00:00	♃	08°24'26" ♃	-16°54'11"	04°51'18"	-00°04'18"	8.779
02/06/2050 00:00:00	♃	04°51'06" ♎	05°05'43"	-04°58'22"	00°06'43"	0.003
02/06/2050 00:00:00	T♃	20°50'32" ♎	-17°57'32"	00°00'00"	00°01'15"	0.003
02/06/2050 00:00:00	T♃	25°38'01" ♃	08°02'10"	-05°14'08"	-03°04'25"	0.003
02/06/2050 00:00:00	X	01°20'24" ♃	06°47'45"	-05°28'29"	00°00'31"	93.616
02/06/2050 00:00:00	Y	18°07'21" ♃	12°05'25"	-10°51'00"	00°00'51"	79.067

Ephemerides year 2050

03/06/2050 00:00:00	♁	12°38'58" ♀	22°18'21"	00°00'00"	00°57'28"	1.014
03/06/2050 00:00:00	♃	12°50'17" ♃	-16°23'09"	-00°44'03"	12°55'11"	0.003
03/06/2050 00:00:00	♄	24°14'49" ♄	17°00'16"	-01°52'43"	01°44'46"	1.135
03/06/2050 00:00:00	♅	19°25'25" ♅	24°02'39"	♁ 02°02'25"	01°10'12"	1.197
03/06/2050 00:00:00	♆	16°53'57" ♆	-18°32'46"	-02°55'07"	00°24'36"	0.675
03/06/2050 00:00:00	♁	01°53'07" ♁	20°17'19"	00°34'12"	00°10'40"	5.900
03/06/2050 00:00:00	♂	08°43'56" ♂	-18°30'20"	-00°27'02"	-00°01'28"	9.361
03/06/2050 00:00:00	♆	16°38'39" ♆	05°58'58"	00°46'24"	00°00'31"	18.185
03/06/2050 00:00:00	♄	26°27'38" ♄	17°44'22"	-01°39'42"	00°02'10"	30.789
03/06/2050 00:00:00	♁	10°40'45" ♁	-19°31'14"	-12°58'13"	00°00'10"	41.484
03/06/2050 00:00:00	♁	20°51'29" ♃	-17°57'47"	00°00'00"	00°00'35"	0.003
03/06/2050 00:00:00	♄	08°20'09" ♂	-16°53'20"	04°51'29"	-00°04'17"	8.781
03/06/2050 00:00:00	♁	04°57'49" ♆	05°03'30"	-04°58'08"	00°06'43"	0.003
03/06/2050 00:00:00	♁	20°51'29" ♃	-17°57'47"	00°00'00"	00°00'35"	0.003
03/06/2050 00:00:00	♁	22°31'37" ♂	09°02'01"	-05°14'45"	-03°03'14"	0.003
03/06/2050 00:00:00	X	01°20'55" ♄	06°47'56"	-05°28'29"	00°00'30"	93.605
03/06/2050 00:00:00	Y	18°08'13" ♀	12°05'31"	-10°50'59"	00°00'51"	79.068
04/06/2050 00:00:00	♁	13°36'26" ♀	22°25'31"	00°00'00"	00°57'27"	1.014
04/06/2050 00:00:00	♃	25°55'35" ♃	-18°46'47"	00°27'51"	13°15'28"	0.003

Ephemerides year 2050

04/06/2050 00:00:00	♀	26°00'48" ♀	17°34'44"	-01°43'13"	01°47'10"	1.152
04/06/2050 00:00:00	♀	20°35'35" ♀	23°52'52" ♀	02°03'06"	01°10'07"	1.190
04/06/2050 00:00:00	♂	17°18'23" ♀	-18°28'25"	-02°58'25"	00°24'15"	0.668
04/06/2050 00:00:00	♂	02°03'50" ♀	20°14'56"	00°34'13"	00°10'45"	5.912
04/06/2050 00:00:00	♂	08°42'25" ♀	-18°30'51"	-00°27'09"	-00°01'33"	9.347
04/06/2050 00:00:00	♂	16°39'12" ♀	05°58'42"	00°46'21"	00°00'34"	18.201
04/06/2050 00:00:00	♂	26°29'49" ♀	17°44'51"	-01°39'43"	00°02'10"	30.784
04/06/2050 00:00:00	♂	10°40'55" ♀	-19°31'29"	-12°58'34"	00°00'09"	41.468
04/06/2050 00:00:00	♂	20°51'35" ♀	-17°57'49"	00°00'00"	-00°00'24"	0.003
04/06/2050 00:00:00	♂	08°15'52" ♀	-16°52'30"	04°51'40"	-00°04'16"	8.784
04/06/2050 00:00:00	♂	05°04'32" ♀	05°01'18"	-04°57'54"	00°06'43"	0.003
04/06/2050 00:00:00	T♂	20°51'35" ♀	-17°57'49"	00°00'00"	-00°00'24"	0.003
04/06/2050 00:00:00	T♂	19°41'49" ♀	09°55'23"	-05°14'25"	-02°31'45"	0.003
04/06/2050 00:00:00	X	01°21'26" ♀	06°48'06"	-05°28'29"	00°00'30"	93.593
04/06/2050 00:00:00	Y	18°09'05" ♀	12°05'36"	-10°50'57"	00°00'51"	79.070
05/06/2050 00:00:00	♂	14°33'52" ♀	22°32'18"	00°00'00"	00°57'26"	1.014
05/06/2050 00:00:00	♂	09°21'08" ♀	-20°11'54"	01°39'57"	13°35'25"	0.003
05/06/2050 00:00:00	♀	27°49'10" ♀	18°09'02"	-01°33'21"	01°49'33"	1.169
05/06/2050 00:00:00	♀	21°45'40" ♀	23°42'28" ♀	02°03'41"	01°10'01"	1.183

Ephemerides year 2050

05/06/2050 00:00:00	♂	17°42'27" ♊	-18°24'09"	-03°01'45"	00°23'53"	0.661
05/06/2050 00:00:00	♃	02°14'38" ♈	20°12'31"	00°34'14"	00°10'50"	5.924
05/06/2050 00:00:00	♅	08°40'49" ♊	-18°31'24"	-00°27'17"	-00°01'39"	9.334
05/06/2050 00:00:00	♁	16°39'49" ♉	05°58'26"	00°46'19"	00°00'37"	18.218
05/06/2050 00:00:00	♆	26°31'59" ♉	17°45'20"	-01°39'44"	00°02'09"	30.779
05/06/2050 00:00:00	♁	10°41'03" ♉	-19°31'45"	-12°58'55"	00°00'07"	41.453
05/06/2050 00:00:00	♁	20°50'37" ♉	-17°57'33"	00°00'00"	-00°01'33"	0.003
05/06/2050 00:00:00	♆	08°11'36" ♉	-16°51'41"	04°51'50"	-00°04'15"	8.788
05/06/2050 00:00:00	♁	05°11'15" ♉	04°59'05"	-04°57'40"	00°06'43"	0.003
05/06/2050 00:00:00	♁	20°50'37" ♉	-17°57'33"	00°00'00"	-00°01'33"	0.003
05/06/2050 00:00:00	♁	17°35'01" ♉	10°34'30"	-05°13'33"	-01°39'47"	0.003
05/06/2050 00:00:00	X	01°21'57" ♉	06°48'16"	-05°28'30"	00°00'30"	93.581
05/06/2050 00:00:00	Y	18°09'57" ♉	12°05'42"	-10°50'56"	00°00'52"	79.071
06/06/2050 00:00:00	♁	15°31'18" ♉	22°38'41"	00°00'00"	00°57'25"	1.015
06/06/2050 00:00:00	♁	23°05'48" ♉	-20°27'24"	02°47'53"	13°53'24"	0.003
06/06/2050 00:00:00	♆	29°39'55" ♉	18°43'01"	-01°23'11"	01°51'54"	1.185
06/06/2050 00:00:00	♀	22°55'39" ♉	23°31'25"	02°04'11"	01°09'56"	1.176
06/06/2050 00:00:00	♂	18°06'10" ♊	-18°19'59"	-03°05'07"	00°23'31"	0.654
06/06/2050 00:00:00	♃	02°25'31" ♈	20°10'04"	00°34'15"	00°10'55"	5.936

Ephemerides year 2050

06/06/2050 00:00:00	♃	08°39'07" ♁	-18°31'57"	-00°27'24"	-00°01'44"	9.320
06/06/2050 00:00:00	♃	16°40'28" ♁	05°58'08"	00°46'16"	00°00'41"	18.235
06/06/2050 00:00:00	♃	26°34'09" ♁	17°45'49"	-01°39'45"	00°02'09"	30.774
06/06/2050 00:00:00	♃	10°41'11" ♁	-19°32'02"	-12°59'17"	00°00'06"	41.437
06/06/2050 00:00:00	♃	20°48'30" ♁	-17°57'00"	00°00'00"	-00°02'39"	0.003
06/06/2050 00:00:00	♃	08°07'21" ♁	-16°50'53"	04°51'59"	-00°04'14"	8.791
06/06/2050 00:00:00	♃	05°17'59" ♁	04°56'53"	-04°57'26"	00°06'43"	0.003
06/06/2050 00:00:00	♃	20°48'30" ♁	-17°57'00"	00°00'00"	-00°02'39"	0.003
06/06/2050 00:00:00	♃	16°23'10" ♁	10°56'28"	-05°12'43"	-00°44'56"	0.003
06/06/2050 00:00:00	X	01°22'27" ♁	06°48'26"	-05°28'30"	00°00'29"	93.569
06/06/2050 00:00:00	Y	18°10'49" ♁	12°05'47"	-10°50'55"	00°00'52"	79.071
07/06/2050 00:00:00	♃	16°28'43" ♁	22°44'40"	00°00'00"	00°57'24"	1.015
07/06/2050 00:00:00	♃	07°06'49" ♁	-19°27'40"	03°47'01"	14°07'57"	0.002
07/06/2050 00:00:00	♃	01°32'59" ♁	19°16'34"	-01°12'46"	01°54'13"	1.201
07/06/2050 00:00:00	♃	24°05'33" ♁	23°19'45"	02°04'36"	01°09'50"	1.169
07/06/2050 00:00:00	♃	18°29'30" ♁	-18°15'56"	-03°08'31"	00°23'08"	0.648
07/06/2050 00:00:00	♃	02°36'29" ♁	20°07'36"	00°34'16"	00°10'59"	5.948
07/06/2050 00:00:00	♃	08°37'19" ♁	-18°32'33"	-00°27'31"	-00°01'49"	9.307
07/06/2050 00:00:00	♃	16°41'11" ♁	05°57'49"	00°46'13"	00°00'44"	18.251

Ephemerides year 2050

07/06/2050 00:00:00	♁	26°36'18"	♏	17°46'18"	-01°39'45"	00°02'08"	30.769
07/06/2050 00:00:00	♁	10°41'16"	♏	-19°32'19"	-12°59'38"	00°00'05"	41.421
07/06/2050 00:00:00	♁	20°45'25"	♏	-17°56'11"	00°00'00"	-00°03'27"	0.003
07/06/2050 00:00:00	♁	08°03'06"	♏	-16°50'05"	04°52'08"	-00°04'13"	8.795
07/06/2050 00:00:00	♁	05°24'42"	♏	04°54'40"	-04°57'11"	00°06'43"	0.003
07/06/2050 00:00:00	T♁	20°45'25"	♏	-17°56'11"	00°00'00"	-00°03'27"	0.003
07/06/2050 00:00:00	T♁	16°00'43"	♏	11°03'28"	-05°12'14"	-00°03'06"	0.003
07/06/2050 00:00:00	X	01°22'56"	♏	06°48'36"	-05°28'30"	00°00'29"	93.557
07/06/2050 00:00:00	Y	18°11'41"	♏	12°05'52"	-10°50'54"	00°00'52"	79.072
08/06/2050 00:00:00	♁	17°26'07"	♏	22°50'15"	00°00'00"	00°57'23"	1.015
08/06/2050 00:00:00	♁	21°20'11"	♏	-17°14'34"	04°33'02"	14°17'57"	0.002
08/06/2050 00:00:00	♁	03°28'21"	♏	19°49'28"	-01°02'07"	01°56'29"	1.217
08/06/2050 00:00:00	♁	25°15'21"	♏	23°07'28"	02°04'55"	01°09'45"	1.162
08/06/2050 00:00:00	♁	18°52'27"	♏	-18°12'00"	-03°11'58"	00°22'44"	0.641
08/06/2050 00:00:00	♁	02°47'31"	♏	20°05'05"	00°34'17"	00°11'04"	5.959
08/06/2050 00:00:00	♁	08°35'27"	♏	-18°33'09"	-00°27'39"	-00°01'55"	9.294
08/06/2050 00:00:00	♁	16°41'57"	♏	05°57'29"	00°46'11"	00°00'47"	18.268
08/06/2050 00:00:00	♁	26°38'26"	♏	17°46'47"	-01°39'46"	00°02'08"	30.763
08/06/2050 00:00:00	♁	10°41'21"	♏	-19°32'37"	-12°59'59"	00°00'03"	41.405



Ephemerides year 2050

08/06/2050 00:00:00	♏	20°41'44" ♀	-17°55'13"	00°00'00"	-00°03'47"	0.003
08/06/2050 00:00:00	♋	07°58'54" ♂	-16°49'18"	04°52'16"	-00°04'12"	8.799
08/06/2050 00:00:00	♌	05°31'25" ♀	04°52'28"	-04°56'57"	00°06'43"	0.003
08/06/2050 00:00:00	T♏	20°41'44" ♀	-17°55'13"	00°00'00"	-00°03'47"	0.003
08/06/2050 00:00:00	T♌	16°09'44" ♀	11°01'00"	-05°12'05"	00°17'24"	0.003
08/06/2050 00:00:00	X	01°23'25" ♂	06°48'45"	-05°28'31"	00°00'28"	93.545
08/06/2050 00:00:00	Y	18°12'33" ♀	12°05'57"	-10°50'53"	00°00'52"	79.072
09/06/2050 00:00:00	♉	18°23'30" ♀	22°55'27"	00°00'00"	00°57'22"	1.015
09/06/2050 00:00:00	♊	05°41'03" ♀	-13°57'11"	05°02'23"	14°22'55"	0.002
09/06/2050 00:00:00	♌	05°25'57" ♀	20°21'35"	-00°51'17"	01°58'41"	1.231
09/06/2050 00:00:00	♍	26°25'03" ♀	22°54'34"	02°05'08"	01°09'39"	1.155
09/06/2050 00:00:00	♎	19°14'59" ♀	-18°08'12"	-03°15'27"	00°22'20"	0.634
09/06/2050 00:00:00	♏	02°58'37" ♀	20°02'33"	00°34'19"	00°11'08"	5.971
09/06/2050 00:00:00	♐	08°33'29" ♀	-18°33'47"	-00°27'46"	-00°02'00"	9.281
09/06/2050 00:00:00	♑	16°42'46" ♀	05°57'07"	00°46'08"	00°00'50"	18.285
09/06/2050 00:00:00	♒	26°40'34" ♂	17°47'15"	-01°39'47"	00°02'07"	30.757
09/06/2050 00:00:00	♓	10°41'24" ♀	-19°32'56"	-13°00'20"	00°00'02"	41.390
09/06/2050 00:00:00	♏	20°38'02" ♀	-17°54'14"	00°00'00"	-00°03'32"	0.003
09/06/2050 00:00:00	♋	07°54'42" ♂	-16°48'31"	04°52'23"	-00°04'10"	8.803

Ephemerides year 2050

09/06/2050 00:00:00	☾	05°38'08" ♎	04°50'16"	-04°56'42"	00°06'43"	0.003
09/06/2050 00:00:00	♁	20°38'02" ♎	-17°54'14"	00°00'00"	-00°03'32"	0.003
09/06/2050 00:00:00	♁	16°28'59" ♎	10°55'22"	-05°12'06"	00°18'43"	0.003
09/06/2050 00:00:00	X	01°23'54" ♄	06°48'55"	-05°28'31"	00°00'28"	93.533
09/06/2050 00:00:00	Y	18°13'26" ♀	12°06'02"	-10°50'52"	00°00'52"	79.071
10/06/2050 00:00:00	☉	19°20'53" ♀	23°00'14"	00°00'00"	00°57'22"	1.015
10/06/2050 00:00:00	☾	20°04'25" ♁	-09°49'54"	05°12'52"	14°23'03"	0.002
10/06/2050 00:00:00	♀	07°25'43" ♀	20°52'44"	-00°40'19"	02°00'47"	1.245
10/06/2050 00:00:00	♀	27°34'40" ♁	22°41'05"	02°05'16"	01°09'34"	1.147
10/06/2050 00:00:00	♂	19°37'07" ♁	-18°04'30"	-03°18'58"	00°21'55"	0.628
10/06/2050 00:00:00	♃	03°09'48" ♎	20°00'00"	00°34'20"	00°11'12"	5.982
10/06/2050 00:00:00	♃	08°31'26" ♁	-18°34'26"	-00°27'53"	-00°02'05"	9.268
10/06/2050 00:00:00	♃	16°43'38" ♎	05°56'45"	00°46'06"	00°00'53"	18.302
10/06/2050 00:00:00	♃	26°42'41" ♄	17°47'43"	-01°39'48"	00°02'06"	30.751
10/06/2050 00:00:00	♃	10°41'25" ♃	-19°33'15"	-13°00'42"	00°00'00"	41.374
10/06/2050 00:00:00	♁	20°34'51" ♎	-17°53'23"	00°00'00"	-00°02'43"	0.003
10/06/2050 00:00:00	♃	07°50'32" ♃	-16°47'45"	04°52'30"	-00°04'09"	8.808
10/06/2050 00:00:00	☾	05°44'51" ♎	04°48'04"	-04°56'28"	00°06'43"	0.003
10/06/2050 00:00:00	♁	20°34'51" ♎	-17°53'23"	00°00'00"	-00°02'43"	0.003

Ephemerides year 2050

10/06/2050 00:00:00	T♄	16°45'40" ♈	10°50'24"	-05°12'11"	00°15'54"	0.003
10/06/2050 00:00:00	X	01°24'22" ♉	06°49'04"	-05°28'32"	00°00'27"	93.520
10/06/2050 00:00:00	Y	18°14'18" ♊	12°06'07"	-10°50'52"	00°00'52"	79.071
11/06/2050 00:00:00	☉	20°18'15" ♊	23°04'36"	00°00'00"	00°57'21"	1.015
11/06/2050 00:00:00	☾	04°25'48" ♋	-05°09'43"	05°03'48"	14°19'06"	0.002
11/06/2050 00:00:00	♀	09°27'31" ♊	21°22'42"	-00°29'18"	02°02'47"	1.258
11/06/2050 00:00:00	♀	28°44'11" ♉	22°27'00"	02°05'19"	01°09'28"	1.140
11/06/2050 00:00:00	♂	19°58'50" ♋	-18°00'57"	-03°22'31"	00°21'29"	0.621
11/06/2050 00:00:00	♃	03°21'03" ♈	19°57'24"	00°34'21"	00°11'17"	5.993
11/06/2050 00:00:00	♅	08°29'17" ♋	-18°35'07"	-00°28'01"	-00°02'11"	9.256
11/06/2050 00:00:00	♁	16°44'33" ♉	05°56'21"	00°46'03"	00°00'56"	18.318
11/06/2050 00:00:00	♃	26°44'48" ♉	17°48'11"	-01°39'50"	00°02'06"	30.744
11/06/2050 00:00:00	♁	10°41'25" ♋	-19°33'34"	-13°01'03"	-00°00'00"	41.358
11/06/2050 00:00:00	♁	20°32'42" ♉	-17°52'49"	00°00'00"	-00°01'32"	0.003
11/06/2050 00:00:00	♃	07°46'23" ♋	-16°47'00"	04°52'37"	-00°04'07"	8.813
11/06/2050 00:00:00	♁	05°51'34" ♉	04°45'51"	-04°56'13"	00°06'43"	0.003
11/06/2050 00:00:00	T♁	20°32'42" ♉	-17°52'49"	00°00'00"	-00°01'32"	0.003
11/06/2050 00:00:00	T♄	17°07'51" ♈	10°43'42"	-05°12'21"	00°34'06"	0.003
11/06/2050 00:00:00	X	01°24'50" ♉	06°49'13"	-05°28'32"	00°00'27"	93.507

Ephemerides year 2050

11/06/2050 00:00:00	Y	18°15'10" ♀	12°06'12"	-10°50'51"	00°00'52"	79.070
12/06/2050 00:00:00	☉	21°15'36" ♀	23°08'35"	00°00'00"	00°57'21"	1.015
12/06/2050 00:00:00	☾	18°41'36" ♂	-00°14'07"	04°36'03"	14°12'04"	0.002
12/06/2050 00:00:00	♁	11°31'15" ♀	21°51'18"	-00°18'16"	02°04'39"	1.270
12/06/2050 00:00:00	♂	29°53'37" ♄	22°12'20"	02°05'15"	01°09'22"	1.133
12/06/2050 00:00:00	♂	20°20'06" ♃	-17°57'33"	-03°26'07"	00°21'02"	0.615
12/06/2050 00:00:00	♃	03°32'22" ♄	19°54'47"	00°34'23"	00°11'21"	6.004
12/06/2050 00:00:00	♅	08°27'04" ♃	-18°35'49"	-00°28'08"	-00°02'16"	9.243
12/06/2050 00:00:00	♁	16°45'31" ♃	05°55'56"	00°46'01"	00°00'59"	18.335
12/06/2050 00:00:00	♁	26°46'53" ♂	17°48'39"	-01°39'51"	00°02'05"	30.737
12/06/2050 00:00:00	♁	10°41'23" ♂	-19°33'54"	-13°01'24"	-00°00'02"	41.343
12/06/2050 00:00:00	♁	20°31'48" ♃	-17°52'35"	00°00'00"	-00°00'14"	0.003
12/06/2050 00:00:00	♁	07°42'16" ♂	-16°46'16"	04°52'42"	-00°04'06"	8.818
12/06/2050 00:00:00	♁	05°58'17" ♃	04°43'39"	-04°55'58"	00°06'42"	0.003
12/06/2050 00:00:00	T♁	20°31'48" ♃	-17°52'35"	00°00'00"	-00°00'14"	0.003
12/06/2050 00:00:00	T♁	18°07'22" ♄	10°25'42"	-05°12'39"	01°31'43"	0.003
12/06/2050 00:00:00	X	01°25'17" ♂	06°49'22"	-05°28'33"	00°00'26"	93.494
12/06/2050 00:00:00	Y	18°16'02" ♀	12°06'16"	-10°50'51"	00°00'51"	79.069
13/06/2050 00:00:00	☉	22°12'57" ♀	23°12'08"	00°00'00"	00°57'20"	1.015

Ephemerides year 2050

13/06/2050 00:00:00	♃	02°49'17" ♃	04°39'57"	03°51'46"	14°03'01"	0.002
13/06/2050 00:00:00	♆	13°36'47" ♃	22°18'19"	-00°07'16"	02°06'21"	1.282
13/06/2050 00:00:00	♀	01°02'56" ♀	21°57'07"	02°05'06"	01°09'16"	1.126
13/06/2050 00:00:00	♂	20°40'56" ♁	-17°54'17"	-03°29'45"	00°20'35"	0.609
13/06/2050 00:00:00	♃	03°43'46" ♀	19°52'09"	00°34'24"	00°11'25"	6.015
13/06/2050 00:00:00	♃	08°24'45" ♁	-18°36'32"	-00°28'15"	-00°02'21"	9.231
13/06/2050 00:00:00	♃	16°46'32" ♃	05°55'30"	00°45'58"	00°01'02"	18.352
13/06/2050 00:00:00	♃	26°48'58" ♂	17°49'06"	-01°39'52"	00°02'04"	30.730
13/06/2050 00:00:00	♃	10°41'20" ♃	-19°34'15"	-13°01'45"	-00°00'03"	41.327
13/06/2050 00:00:00	♃	20°32'08" ♃	-17°52'40"	00°00'00"	00°00'50"	0.003
13/06/2050 00:00:00	♃	07°38'11" ♃	-16°45'32"	04°52'47"	-00°04'04"	8.823
13/06/2050 00:00:00	♃	06°05'00" ♃	04°41'27"	-04°55'42"	00°06'42"	0.003
13/06/2050 00:00:00	♃	20°32'08" ♃	-17°52'40"	00°00'00"	00°00'50"	0.003
13/06/2050 00:00:00	♃	20°21'26" ♀	09°44'37"	-05°12'54"	02°58'48"	0.003
13/06/2050 00:00:00	X	01°25'44" ♂	06°49'30"	-05°28'34"	00°00'26"	93.481
13/06/2050 00:00:00	Y	18°16'54" ♃	12°06'21"	-10°50'51"	00°00'51"	79.068
14/06/2050 00:00:00	♃	23°10'18" ♃	23°15'18"	00°00'00"	00°57'20"	1.016
14/06/2050 00:00:00	♃	16°47'17" ♃	09°16'30"	02°54'11"	13°52'48"	0.002
14/06/2050 00:00:00	♆	15°43'54" ♃	22°43'35"	00°03'34"	02°07'52"	1.292

Ephemerides year 2050

14/06/2050 00:00:00	♀	02°12'10" ♀	21°41'19"	02°04'51"	01°09'10"	1.119
14/06/2050 00:00:00	♂	21°01'17" ♁	-17°51'10"	-03°33'25"	00°20'07"	0.602
14/06/2050 00:00:00	♃	03°55'13" ♀	19°49'28"	00°34'25"	00°11'29"	6.025
14/06/2050 00:00:00	♅	08°22'21" ♁	-18°37'17"	-00°28'23"	-00°02'26"	9.219
14/06/2050 00:00:00	♁	16°47'37" ♃	05°55'02"	00°45'55"	00°01'05"	18.368
14/06/2050 00:00:00	♃	26°51'03" ♂	17°49'33"	-01°39'53"	00°02'03"	30.723
14/06/2050 00:00:00	♅	10°41'16" ♁	-19°34'36"	-13°02'06"	-00°00'05"	41.312
14/06/2050 00:00:00	♁	20°33'20" ♃	-17°52'59"	00°00'00"	00°01'26"	0.003
14/06/2050 00:00:00	♃	07°34'07" ♂	-16°44'49"	04°52'52"	-00°04'02"	8.829
14/06/2050 00:00:00	♁	06°11'43" ♃	04°39'15"	-04°55'27"	00°06'43"	0.003
14/06/2050 00:00:00	T♁	20°33'20" ♃	-17°52'59"	00°00'00"	00°01'26"	0.003
14/06/2050 00:00:00	T♃	24°03'12" ♀	08°35'00"	-05°12'12"	04°20'37"	0.003
14/06/2050 00:00:00	X	01°26'10" ♂	06°49'38"	-05°28'34"	00°00'26"	93.467
14/06/2050 00:00:00	Y	18°17'46" ♃	12°06'25"	-10°50'51"	00°00'51"	79.066
15/06/2050 00:00:00	☉	24°07'38" ♃	23°18'02"	00°00'00"	00°57'20"	1.016
15/06/2050 00:00:00	☾	00°34'41" ♂	13°20'35"	01°47'09"	13°41'55"	0.003
15/06/2050 00:00:00	♀	17°52'27" ♃	23°06'53"	00°14'15"	02°09'10"	1.300
15/06/2050 00:00:00	♀	03°21'18" ♀	21°24'59"	02°04'29"	01°09'04"	1.111
15/06/2050 00:00:00	♂	21°21'10" ♁	-17°48'13"	-03°37'08"	00°19'38"	0.596

Ephemerides year 2050

15/06/2050 00:00:00	♃	04°06'45" ♏	19°46'46"	00°34'27"	00°11'33"	6.036
15/06/2050 00:00:00	♅	08°19'53" ♎	-18°38'02"	-00°28'30"	-00°02'31"	9.207
15/06/2050 00:00:00	♁	16°48'44" ♏	05°54'34"	00°45'53"	00°01'09"	18.385
15/06/2050 00:00:00	♆	26°53'06" ♏	17°50'00"	-01°39'54"	00°02'03"	30.716
15/06/2050 00:00:00	♁	10°41'10" ♎	-19°34'57"	-13°02'27"	-00°00'06"	41.296
15/06/2050 00:00:00	♁	20°34'48" ♏	-17°53'22"	00°00'00"	00°01'22"	0.003
15/06/2050 00:00:00	♆	07°30'06" ♎	-16°44'07"	04°52'56"	-00°04'00"	8.835
15/06/2050 00:00:00	♁	06°18'26" ♏	04°37'02"	-04°55'12"	00°06'43"	0.003
15/06/2050 00:00:00	T♁	20°34'48" ♏	-17°53'22"	00°00'00"	00°01'22"	0.003
15/06/2050 00:00:00	T♆	28°49'44" ♏	07°02'19"	-05°09'18"	05°04'22"	0.003
15/06/2050 00:00:00	X	01°26'36" ♏	06°49'46"	-05°28'35"	00°00'25"	93.454
15/06/2050 00:00:00	Y	18°18'38" ♏	12°06'29"	-10°50'51"	00°00'51"	79.065
16/06/2050 00:00:00	♁	25°04'58" ♏	23°20'22"	00°00'00"	00°57'19"	1.016
16/06/2050 00:00:00	♁	14°10'58" ♏	16°38'45"	00°34'57"	13°30'33"	0.003
16/06/2050 00:00:00	♁	20°02'10" ♏	23°28'01" ○	00°24'40"	02°10'13"	1.308
16/06/2050 00:00:00	♁	04°30'20" ♏	21°08'07"	02°04'02"	01°08'58"	1.104
16/06/2050 00:00:00	♁	21°40'34" ♎	-17°45'25"	-03°40'52"	00°19'09"	0.590
16/06/2050 00:00:00	♃	04°18'20" ♏	19°44'02"	00°34'29"	00°11'37"	6.046
16/06/2050 00:00:00	♅	08°17'19" ♎	-18°38'49"	-00°28'37"	-00°02'35"	9.196

Ephemerides year 2050

16/06/2050 00:00:00	♃	16°49'55" ♃	05°54'04"	00°45'50"	00°01'12"	18.401
16/06/2050 00:00:00	♃	26°55'09" ♃	17°50'27"	-01°39'56"	00°02'02"	30.708
16/06/2050 00:00:00	♃	10°41'02" ♃	-19°35'19"	-13°02'48"	-00°00'08"	41.281
16/06/2050 00:00:00	♃	20°35'50" ♃	-17°53'39"	00°00'00"	00°00'35"	0.003
16/06/2050 00:00:00	♃	07°26'07" ♃	-16°43'26"	04°52'59"	-00°03'57"	8.842
16/06/2050 00:00:00	♃	06°25'09" ♃	04°34'50"	-04°54'56"	00°06'43"	0.003
16/06/2050 00:00:00	♃	20°35'50" ♃	-17°53'39"	00°00'00"	00°00'35"	0.003
16/06/2050 00:00:00	♃	03°54'53" ♃	05°20'50"	-05°03'45"	04°57'33"	0.003
16/06/2050 00:00:00	♃	01°27'01" ♃	06°49'54"	-05°28'36"	00°00'25"	93.440
16/06/2050 00:00:00	♃	18°19'29" ♃	12°06'33"	-10°50'51"	00°00'51"	79.062
17/06/2050 00:00:00	♃	26°02'17" ♃	23°22'17"	00°00'00"	00°57'19"	1.016
17/06/2050 00:00:00	♃	27°35'39" ♃	18°59'53"	-00°38'03"	13°18'43"	0.003
17/06/2050 00:00:00	♃	22°12'49" ♃	23°46'50"	00°34'46"	02°11'02"	1.314
17/06/2050 00:00:00	♃	05°39'16" ♃	20°50'43"	02°03'29"	01°08'52"	1.097
17/06/2050 00:00:00	♃	21°59'28" ♃	-17°42'48"	-03°44'39"	00°18'38"	0.584
17/06/2050 00:00:00	♃	04°30'00" ♃	19°41'17"	00°34'30"	00°11'41"	6.056
17/06/2050 00:00:00	♃	08°14'41" ♃	-18°39'37"	-00°28'44"	-00°02'40"	9.185
17/06/2050 00:00:00	♃	16°51'09" ♃	05°53'33"	00°45'48"	00°01'15"	18.418
17/06/2050 00:00:00	♃	26°57'11" ♃	17°50'53"	-01°39'57"	00°02'01"	30.700



Ephemerides year 2050

17/06/2050 00:00:00	♁	10°40'54" ♃	-19°35'42"	-13°03'09"	-00°00'09"	41.266
17/06/2050 00:00:00	♁	20°35'47" ♃	-17°53'38"	00°00'00"	-00°00'46"	0.003
17/06/2050 00:00:00	♃	07°22'11" ♃	-16°42'46"	04°53'02"	-00°03'55"	8.848
17/06/2050 00:00:00	♃	06°31'52" ♃	04°32'38"	-04°54'40"	00°06'43"	0.003
17/06/2050 00:00:00	♁	20°35'47" ♃	-17°53'38"	00°00'00"	-00°00'46"	0.003
17/06/2050 00:00:00	♃	08°29'55" ♃	03°47'33"	-04°56'34"	04°06'13"	0.003
17/06/2050 00:00:00	♃	01°27'26" ♃	06°50'02"	-05°28'36"	00°00'24"	93.426
17/06/2050 00:00:00	♃	18°20'21" ♃	12°06'37"	-10°50'52"	00°00'51"	79.060
18/06/2050 00:00:00	♁	26°59'37" ♃	23°23'48"	-00°00'00"	00°57'18"	1.016
18/06/2050 00:00:00	♃	10°48'14" ♃	20°16'41"	-01°47'48"	13°06'20"	0.003
18/06/2050 00:00:00	♃	24°24'09" ♃	24°03'10"	00°44'28"	02°11'34"	1.319
18/06/2050 00:00:00	♃	06°48'05" ♃	20°32'48"	02°02'49"	01°08'46"	1.089
18/06/2050 00:00:00	♃	22°17'52" ♃	-17°40'21"	-03°48'27"	00°18'07"	0.577
18/06/2050 00:00:00	♃	04°41'43" ♃	19°38'30"	00°34'32"	00°11'45"	6.066
18/06/2050 00:00:00	♃	08°11'58" ♃	-18°40'26"	-00°28'52"	-00°02'45"	9.173
18/06/2050 00:00:00	♃	16°52'26" ♃	05°53'00"	00°45'45"	00°01'18"	18.434
18/06/2050 00:00:00	♃	26°59'12" ♃	17°51'19"	-01°39'59"	00°02'00"	30.692
18/06/2050 00:00:00	♁	10°40'44" ♃	-19°36'05"	-13°03'30"	-00°00'10"	41.251
18/06/2050 00:00:00	♁	20°34'10" ♃	-17°53'12"	00°00'00"	-00°02'30"	0.003

Ephemerides year 2050

18/06/2050 00:00:00	♄	07°18'17" ♏	-16°42'06"	04°53'04"	-00°03'52"	8.855
18/06/2050 00:00:00	♁	06°38'36" ♏	04°30'26"	-04°54'24"	00°06'43"	0.003
18/06/2050 00:00:00	♁	20°34'10" ♏	-17°53'12"	00°00'00"	-00°02'30"	0.003
18/06/2050 00:00:00	♁	11°57'40" ♏	02°36'23"	-04°49'39"	02°46'00"	0.003
18/06/2050 00:00:00	X	01°27'51" ♏	06°50'10"	-05°28'37"	00°00'24"	93.412
18/06/2050 00:00:00	Y	18°21'13" ♏	12°06'40"	-10°50'52"	00°00'51"	79.057
19/06/2050 00:00:00	♁	27°56'55" ♏	23°24'53"	-00°00'00"	00°57'18"	1.016
19/06/2050 00:00:00	♁	23°48'10" ♏	20°26'39"	-02°50'40"	12°53'27"	0.003
19/06/2050 00:00:00	♁	26°35'52" ♏	24°16'54"	00°53'42"	02°11'49"	1.322
19/06/2050 00:00:00	♁	07°56'48" ♏	20°14'23"	02°02'04"	01°08'39"	1.082
19/06/2050 00:00:00	♁	22°35'44" ♏	-17°38'04"	-03°52'18"	00°17'36"	0.571
19/06/2050 00:00:00	♁	04°53'30" ♏	19°35'41"	00°34'33"	00°11'48"	6.076
19/06/2050 00:00:00	♁	08°09'10" ♏	-18°41'17"	-00°28'59"	-00°02'49"	9.163
19/06/2050 00:00:00	♁	16°53'46" ♏	05°52'27"	00°45'43"	00°01'21"	18.451
19/06/2050 00:00:00	♁	27°01'12" ♏	17°51'45"	-01°40'00"	00°01'59"	30.683
19/06/2050 00:00:00	♁	10°40'32" ♏	-19°36'29"	-13°03'51"	-00°00'12"	41.235
19/06/2050 00:00:00	♁	20°30'44" ♏	-17°52'17"	00°00'00"	-00°04'19"	0.003
19/06/2050 00:00:00	♁	07°14'26" ♏	-16°41'27"	04°53'06"	-00°03'49"	8.862
19/06/2050 00:00:00	♁	06°45'19" ♏	04°28'14"	-04°54'08"	00°06'43"	0.003

Ephemerides year 2050

19/06/2050 00:00:00	T♄	20°30'44" ♍	-17°52'17"	00°00'00"	-00°04'19"	0.003
19/06/2050 00:00:00	T♄	13°58'45" ♍	01°54'57"	-04°44'49"	01°16'16"	0.003
19/06/2050 00:00:00	X	01°28'14" ♂	06°50'17"	-05°28'38"	00°00'23"	93.397
19/06/2050 00:00:00	Y	18°22'05" ♀	12°06'44"	-10°50'53"	00°00'51"	79.054
20/06/2050 00:00:00	☉	28°54'13" ♀	23°25'34"	-00°00'00"	00°57'17"	1.016
20/06/2050 00:00:00	☾	06°35'03" ♋	19°32'33"	-03°43'44"	12°40'17"	0.003
20/06/2050 00:00:00	♀	28°47'43" ♀	24°27'56" ♁	01°02'25"	02°11'48"	1.324
20/06/2050 00:00:00	♀	09°05'24" ♋	19°55'28"	02°01'12"	01°08'32"	1.075
20/06/2050 00:00:00	♂	22°53'04" ♋	-17°35'59"	-03°56'10"	00°17'03"	0.565
20/06/2050 00:00:00	♃	05°05'21" ♋	19°32'51"	00°34'35"	00°11'52"	6.086
20/06/2050 00:00:00	♅	08°06'18" ♋	-18°42'08"	-00°29'06"	-00°02'54"	9.152
20/06/2050 00:00:00	♁	16°55'08" ♍	05°51'52"	00°45'40"	00°01'24"	18.467
20/06/2050 00:00:00	♂	27°03'11" ♂	17°52'11"	-01°40'02"	00°01'58"	30.675
20/06/2050 00:00:00	♁	10°40'19" ♋	-19°36'53"	-13°04'12"	-00°00'13"	41.220
20/06/2050 00:00:00	♁	20°25'36" ♍	-17°50'55"	00°00'00"	-00°05'52"	0.003
20/06/2050 00:00:00	♃	07°10'37" ♋	-16°40'50"	04°53'07"	-00°03'47"	8.870
20/06/2050 00:00:00	♄	06°52'02" ♍	04°26'01"	-04°53'52"	00°06'43"	0.003
20/06/2050 00:00:00	T♄	20°25'36" ♍	-17°50'55"	00°00'00"	-00°05'52"	0.003
20/06/2050 00:00:00	T♄	14°33'45" ♍	01°43'24"	-04°42'51"	-00°02'57"	0.003

Ephemerides year 2050

20/06/2050 00:00:00	X	01°28'38" ♃	06°50'24"	-05°28'39"	00°00'23"	93.383
20/06/2050 00:00:00	Y	18°22'56" ♀	12°06'47"	-10°50'53"	00°00'51"	79.051
21/06/2050 00:00:00	☉	29°51'31" ♀	23°25'50"	-00°00'00"	00°57'17"	1.016
21/06/2050 00:00:00	☾	19°08'50" ♃	17°41'30"	-04°24'53"	12°27'19"	0.003
21/06/2050 00:00:00	♀	00°59'24" ♃	24°36'11" ♁	01°10'33"	02°11'30"	1.324
21/06/2050 00:00:00	♀	10°13'54" ♃	19°36'04"	02°00'13"	01°08'25"	1.067
21/06/2050 00:00:00	♂	23°09'52" ♃	-17°34'05"	-04°00'05"	00°16'30"	0.559
21/06/2050 00:00:00	♃	05°17'15" ♃	19°29'59"	00°34'37"	00°11'55"	6.095
21/06/2050 00:00:00	♄	08°03'21" ♃	-18°43'01"	-00°29'13"	-00°02'59"	9.141
21/06/2050 00:00:00	♅	16°56'34" ♃	05°51'17"	00°45'38"	00°01'27"	18.483
21/06/2050 00:00:00	♆	27°05'09" ♃	17°52'36"	-01°40'03"	00°01'57"	30.666
21/06/2050 00:00:00	♇	10°40'05" ♃	-19°37'17"	-13°04'32"	-00°00'15"	41.205
21/06/2050 00:00:00	♈	20°19'10" ♃	-17°49'12"	00°00'00"	-00°06'54"	0.003
21/06/2050 00:00:00	♉	07°06'51" ♃	-16°40'13"	04°53'08"	-00°03'44"	8.878
21/06/2050 00:00:00	♊	06°58'45" ♃	04°23'49"	-04°53'35"	00°06'43"	0.003
21/06/2050 00:00:00	T♈	20°19'10" ♃	-17°49'12"	00°00'00"	-00°06'54"	0.003
21/06/2050 00:00:00	T♉	14°01'53" ♃	01°55'05"	-04°43'22"	-00°55'25"	0.003
21/06/2050 00:00:00	X	01°29'01" ♃	06°50'31"	-05°28'40"	00°00'22"	93.368
21/06/2050 00:00:00	Y	18°23'48" ♀	12°06'51"	-10°50'54"	00°00'51"	79.048

Ephemerides year 2050

22/06/2050 00:00:00	☉	00°48'48" ♉	23°25'41"	-00°00'00"	00°57'16"	1.016
22/06/2050 00:00:00	☾	01°29'59" ♋	15°03'19"	-04°52'50"	12°15'12"	0.003
22/06/2050 00:00:00	♀	03°10'39" ♉	24°41'36"	☉ 01°18'04"	02°10'57"	1.323
22/06/2050 00:00:00	♀	11°22'16" ♋	19°16'13"	01°59'09"	01°08'18"	1.060
22/06/2050 00:00:00	♂	23°26'06" ♁	-17°32'22"	-04°04'01"	00°15'57"	0.554
22/06/2050 00:00:00	♃	05°29'12" ♋	19°27'06"	00°34'39"	00°11'59"	6.105
22/06/2050 00:00:00	♄	08°00'20" ♁	-18°43'55"	-00°29'20"	-00°03'03"	9.131
22/06/2050 00:00:00	♅	16°58'03" ♌	05°50'40"	00°45'35"	00°01'30"	18.500
22/06/2050 00:00:00	♆	27°07'06" ♄	17°53'01"	-01°40'05"	00°01'56"	30.657
22/06/2050 00:00:00	♇	10°39'49" ♄	-19°37'42"	-13°04'53"	-00°00'16"	41.191
22/06/2050 00:00:00	♈	20°12'02" ♌	-17°47'18"	00°00'00"	-00°07'14"	0.003
22/06/2050 00:00:00	♉	07°03'09" ♄	-16°39'37"	04°53'08"	-00°03'41"	8.886
22/06/2050 00:00:00	♊	07°05'28" ♌	04°21'37"	-04°53'19"	00°06'43"	0.003
22/06/2050 00:00:00	♋	20°12'02" ♌	-17°47'18"	00°00'00"	-00°07'14"	0.003
22/06/2050 00:00:00	♌	12°53'55" ♌	02°19'12"	-04°45'15"	-01°15'16"	0.003
22/06/2050 00:00:00	X	01°29'23" ♄	06°50'38"	-05°28'41"	00°00'21"	93.354
22/06/2050 00:00:00	Y	18°24'39" ♀	12°06'54"	-10°50'55"	00°00'51"	79.044
23/06/2050 00:00:00	☉	01°46'04" ♉	23°25'08"	-00°00'00"	00°57'16"	1.016
23/06/2050 00:00:00	☾	13°39'48" ♋	11°48'38"	-05°07'00"	12°04'45"	0.003

Ephemerides year 2050

23/06/2050 00:00:00	♀	05°21'14" ♃	24°44'13" ♁	01°24'55"	02°10'09"	1.321
23/06/2050 00:00:00	♀	12°30'31" ♃	18°55'54"	01°57'58"	01°08'11"	1.052
23/06/2050 00:00:00	♂	23°41'46" ♃	-17°30'52"	-04°07'58"	00°15'23"	0.548
23/06/2050 00:00:00	♃	05°41'13" ♃	19°24'11"	00°34'41"	00°12'02"	6.114
23/06/2050 00:00:00	♃	07°57'15" ♃	-18°44'49"	-00°29'27"	-00°03'07"	9.121
23/06/2050 00:00:00	♃	16°59'35" ♃	05°50'02"	00°45'33"	00°01'33"	18.516
23/06/2050 00:00:00	♃	27°09'03" ♃	17°53'26"	-01°40'07"	00°01'55"	30.647
23/06/2050 00:00:00	♃	10°39'32" ♃	-19°38'07"	-13°05'13"	-00°00'17"	41.176
23/06/2050 00:00:00	♃	20°04'57" ♃	-17°45'25"	00°00'00"	-00°06'48"	0.003
23/06/2050 00:00:00	♃	06°59'29" ♃	-16°39'02"	04°53'07"	-00°03'38"	8.894
23/06/2050 00:00:00	♃	07°12'11" ♃	04°19'25"	-04°53'02"	00°06'42"	0.003
23/06/2050 00:00:00	T♃	20°04'57" ♃	-17°45'25"	00°00'00"	-00°06'48"	0.003
23/06/2050 00:00:00	T♃	11°39'59" ♃	02°45'10"	-04°47'22"	-01°09'25"	0.003
23/06/2050 00:00:00	X	01°29'45" ♃	06°50'44"	-05°28'42"	00°00'21"	93.339
23/06/2050 00:00:00	Y	18°25'30" ♃	12°06'57"	-10°50'57"	00°00'50"	79.040
24/06/2050 00:00:00	♃	02°43'20" ♃	23°24'09"	-00°00'00"	00°57'15"	1.016
24/06/2050 00:00:00	♃	25°40'21" ♃	08°07'44"	-05°07'24"	11°56'50"	0.003
24/06/2050 00:00:00	♀	07°30'53" ♃	24°44'00" ♁	01°31'05"	02°09'07"	1.317
24/06/2050 00:00:00	♀	13°38'38" ♃	18°35'08"	01°56'41"	01°08'03"	1.045

Ephemerides year 2050

24/06/2050 00:00:00	♂	23°56'52" ♊	-17°29'33"	-04°11'57"	00°14'48"	0.542
24/06/2050 00:00:00	♃	05°53'16" ♏	19°21'14"	00°34'43"	00°12'05"	6.123
24/06/2050 00:00:00	♅	07°54'05" ♊	-18°45'45"	-00°29'34"	-00°03'11"	9.111
24/06/2050 00:00:00	♁	17°01'10" ♏	05°49'23"	00°45'30"	00°01'36"	18.532
24/06/2050 00:00:00	♃	27°10'58" ♏	17°53'50"	-01°40'08"	00°01'54"	30.638
24/06/2050 00:00:00	♁	10°39'13" ♃	-19°38'33"	-13°05'33"	-00°00'19"	41.161
24/06/2050 00:00:00	♏	19°58'39" ♃	-17°43'43"	00°00'00"	-00°05'40"	0.003
24/06/2050 00:00:00	♃	06°55'53" ♃	-16°38'28"	04°53'06"	-00°03'34"	8.903
24/06/2050 00:00:00	♁	07°18'54" ♏	04°17'13"	-04°52'45"	00°06'42"	0.003
24/06/2050 00:00:00	T♏	19°58'39" ♃	-17°43'43"	00°00'00"	-00°05'40"	0.003
24/06/2050 00:00:00	T♁	10°38'50" ♏	03°06'29"	-04°49'08"	-00°52'15"	0.003
24/06/2050 00:00:00	X	01°30'06" ♏	06°50'50"	-05°28'43"	00°00'20"	93.324
24/06/2050 00:00:00	Y	18°26'21" ♀	12°06'59"	-10°50'58"	00°00'50"	79.036
25/06/2050 00:00:00	♁	03°40'35" ♃	23°22'46"	-00°00'00"	00°57'14"	1.016
25/06/2050 00:00:00	♃	07°34'37" ♏	04°09'51"	-04°54'29"	11°52'17"	0.003
25/06/2050 00:00:00	♁	09°39'25" ♃	24°41'03" ♁	01°36'32"	02°07'54"	1.312
25/06/2050 00:00:00	♀	14°46'38" ♏	18°13'56"	01°55'17"	01°07'55"	1.037
25/06/2050 00:00:00	♂	24°11'22" ♊	-17°28'26"	-04°15'58"	00°14'12"	0.536
25/06/2050 00:00:00	♃	06°05'23" ♏	19°18'16"	00°34'45"	00°12'08"	6.131

Ephemerides year 2050

25/06/2050 00:00:00	♃	07°50'51" ♊	-18°46'42"	-00°29'41"	-00°03'16"	9.102
25/06/2050 00:00:00	♃	17°02'47" ♊	05°48'43"	00°45'28"	00°01'38"	18.548
25/06/2050 00:00:00	♃	27°12'52" ♊	17°54'14"	-01°40'10"	00°01'53"	30.628
25/06/2050 00:00:00	♃	10°38'53" ♋	-19°39'00"	-13°05'54"	-00°00'20"	41.147
25/06/2050 00:00:00	♃	19°53'45" ♋	-17°42'24"	00°00'00"	-00°04'03"	0.003
25/06/2050 00:00:00	♃	06°52'19" ♋	-16°37'55"	04°53'05"	-00°03'31"	8.911
25/06/2050 00:00:00	♃	07°25'37" ♋	04°15'01"	-04°52'29"	00°06'42"	0.003
25/06/2050 00:00:00	♃	19°53'45" ♋	-17°42'24"	00°00'00"	-00°04'03"	0.003
25/06/2050 00:00:00	♃	09°54'31" ♋	03°21'50"	-04°50'26"	-00°37'45"	0.003
25/06/2050 00:00:00	X	01°30'26" ♋	06°50'56"	-05°28'44"	00°00'20"	93.308
25/06/2050 00:00:00	Y	18°27'12" ♋	12°07'02"	-10°50'59"	00°00'50"	79.031
26/06/2050 00:00:00	♃	04°37'50" ♌	23°20'59"	-00°00'00"	00°57'14"	1.016
26/06/2050 00:00:00	♃	19°26'19" ♌	00°03'14"	-04°28'58"	11°51'49"	0.003
26/06/2050 00:00:00	♃	11°46'37" ♌	24°35'24" ♌	01°41'14"	02°06'30"	1.306
26/06/2050 00:00:00	♃	15°54'30" ♌	17°52'19"	01°53'46"	01°07'47"	1.029
26/06/2050 00:00:00	♃	24°25'17" ♌	-17°27'32"	-04°20'00"	00°13'36"	0.531
26/06/2050 00:00:00	♃	06°17'33" ♌	19°15'17"	00°34'47"	00°12'11"	6.140
26/06/2050 00:00:00	♃	07°47'33" ♌	-18°47'40"	-00°29'48"	-00°03'20"	9.093
26/06/2050 00:00:00	♃	17°04'28" ♌	05°48'01"	00°45'26"	00°01'41"	18.564



Ephemerides year 2050

26/06/2050 00:00:00	♁	27°14'45"	♄	17°54'38"	-01°40'12"	00°01'52"	30.618
26/06/2050 00:00:00	♁	10°38'31"	♃	-19°39'27"	-13°06'14"	-00°00'22"	41.132
26/06/2050 00:00:00	♁	19°50'36"	♃	-17°41'33"	00°00'00"	-00°02'14"	0.003
26/06/2050 00:00:00	♁	06°48'50"	♂	-16°37'23"	04°53'03"	-00°03'27"	8.920
26/06/2050 00:00:00	♁	07°32'20"	♃	04°12'49"	-04°52'11"	00°06'42"	0.003
26/06/2050 00:00:00	T♁	19°50'36"	♃	-17°41'33"	00°00'00"	-00°02'14"	0.003
26/06/2050 00:00:00	T♁	09°19'14"	♃	03°33'57"	-04°51'32"	-00°35'18"	0.003
26/06/2050 00:00:00	X	01°30'46"	♄	06°51'02"	-05°28'45"	00°00'19"	93.293
26/06/2050 00:00:00	Y	18°28'02"	♁	12°07'04"	-10°51'01"	00°00'50"	79.026
27/06/2050 00:00:00	♁	05°35'04"	♁	23°18'46"	-00°00'00"	00°57'13"	1.016
27/06/2050 00:00:00	♁	01°19'49"	♁	-04°04'25"	-03°51'49"	11°55'58"	0.003
27/06/2050 00:00:00	♁	13°52'22"	♁	24°27'09"	01°45'12"	02°04'57"	1.299
27/06/2050 00:00:00	♁	17°02'13"	♁	17°30'18"	01°52'09"	01°07'39"	1.022
27/06/2050 00:00:00	♁	24°38'35"	♁	-17°26'51"	-04°24'04"	00°12'59"	0.525
27/06/2050 00:00:00	♁	06°29'46"	♁	19°12'16"	00°34'49"	00°12'14"	6.148
27/06/2050 00:00:00	♁	07°44'11"	♁	-18°48'38"	-00°29'55"	-00°03'23"	9.084
27/06/2050 00:00:00	♁	17°06'11"	♃	05°47'19"	00°45'23"	00°01'44"	18.580
27/06/2050 00:00:00	♁	27°16'37"	♄	17°55'01"	-01°40'14"	00°01'51"	30.607
27/06/2050 00:00:00	♁	10°38'08"	♃	-19°39'54"	-13°06'34"	-00°00'23"	41.118

Ephemerides year 2050

27/06/2050 00:00:00	♏	19°49'13" ♀	-17°41'11"	00°00'00"	-00°00'32"	0.003
27/06/2050 00:00:00	♋	06°45'24" ♂	-16°36'52"	04°53'00"	-00°03'24"	8.930
27/06/2050 00:00:00	♌	07°39'03" ♀	04°10'37"	-04°51'54"	00°06'42"	0.003
27/06/2050 00:00:00	T♏	19°49'13" ♀	-17°41'11"	00°00'00"	-00°00'32"	0.003
27/06/2050 00:00:00	T♌	08°38'23" ♀	03°47'57"	-04°52'46"	-00°49'13"	0.003
27/06/2050 00:00:00	X	01°31'06" ♂	06°51'08"	-05°28'46"	00°00'19"	93.278
27/06/2050 00:00:00	Y	18°28'52" ♀	12°07'07"	-10°51'03"	00°00'50"	79.021
28/06/2050 00:00:00	♌	06°32'17" ♀	23°16'09"	-00°00'00"	00°57'13"	1.017
28/06/2050 00:00:00	♎	13°19'56" ♀	-08°05'18"	-03°04'12"	12°05'05"	0.003
28/06/2050 00:00:00	♏	15°56'29" ♀	24°16'25"	01°48'25"	02°03'16"	1.291
28/06/2050 00:00:00	♍	18°09'49" ♀	17°07'53"	01°50'26"	01°07'31"	1.014
28/06/2050 00:00:00	♊	24°51'16" ♀	-17°26'23"	-04°28'08"	00°12'22"	0.520
28/06/2050 00:00:00	♉	06°42'02" ♀	19°09'13"	00°34'51"	00°12'17"	6.157
28/06/2050 00:00:00	♈	07°40'45" ♀	-18°49'38"	-00°30'02"	-00°03'27"	9.075
28/06/2050 00:00:00	♌	17°07'57" ♀	05°46'35"	00°45'21"	00°01'47"	18.596
28/06/2050 00:00:00	♍	27°18'27" ♂	17°55'25"	-01°40'16"	00°01'50"	30.597
28/06/2050 00:00:00	♌	10°37'44" ♀	-19°40'21"	-13°06'54"	-00°00'24"	41.104
28/06/2050 00:00:00	♏	19°49'21" ♀	-17°41'13"	00°00'00"	00°00'42"	0.003
28/06/2050 00:00:00	♋	06°42'01" ♂	-16°36'22"	04°52'57"	-00°03'20"	8.939

Ephemerides year 2050

28/06/2050 00:00:00	☾	07°45'45" ♎	04°08'25"	-04°51'37"	00°06'42"	0.003
28/06/2050 00:00:00	♁	19°49'21" ♎	-17°41'13"	00°00'00"	00°00'42"	0.003
28/06/2050 00:00:00	♁	07°35'20" ♎	04°09'33"	-04°54'31"	-01°19'19"	0.003
28/06/2050 00:00:00	X	01°31'24" ♋	06°51'13"	-05°28'47"	00°00'18"	93.262
28/06/2050 00:00:00	Y	18°29'42" ♋	12°07'09"	-10°51'05"	00°00'49"	79.016
29/06/2050 00:00:00	☉	07°29'30" ♋	23°13'08"	-00°00'00"	00°57'12"	1.017
29/06/2050 00:00:00	☾	25°31'39" ♋	-11°50'43"	-02°07'31"	12°19'10"	0.003
29/06/2050 00:00:00	♀	17°58'53" ♋	24°03'19"	01°50'54"	02°01'30"	1.281
29/06/2050 00:00:00	♀	19°17'15" ♋	16°45'04"	01°48'36"	01°07'22"	1.007
29/06/2050 00:00:00	♂	25°03'20" ♋	-17°26'08"	-04°32'14"	00°11'44"	0.515
29/06/2050 00:00:00	♃	06°54'20" ♋	19°06'09"	00°34'53"	00°12'19"	6.165
29/06/2050 00:00:00	♃	07°37'15" ♋	-18°50'38"	-00°30'09"	-00°03'31"	9.066
29/06/2050 00:00:00	♃	17°09'46" ♎	05°45'51"	00°45'18"	00°01'50"	18.611
29/06/2050 00:00:00	♃	27°20'17" ♋	17°55'47"	-01°40'18"	00°01'49"	30.586
29/06/2050 00:00:00	♃	10°37'19" ♋	-19°40'49"	-13°07'13"	-00°00'26"	41.090
29/06/2050 00:00:00	♁	19°50'25" ♎	-17°41'30"	00°00'00"	00°01'16"	0.003
29/06/2050 00:00:00	♃	06°38'42" ♋	-16°35'53"	04°52'53"	-00°03'16"	8.949
29/06/2050 00:00:00	☾	07°52'28" ♎	04°06'13"	-04°51'19"	00°06'42"	0.003
29/06/2050 00:00:00	♁	19°50'25" ♎	-17°41'30"	00°00'00"	00°01'16"	0.003

Ephemerides year 2050

29/06/2050 00:00:00	T♄	05°55'57" ♏	04°43'33"	-04°56'59"	-02°00'34"	0.003
29/06/2050 00:00:00	X	01°31'43" ♂	06°51'18"	-05°28'48"	00°00'17"	93.246
29/06/2050 00:00:00	Y	18°30'32" ♀	12°07'11"	-10°51'07"	00°00'49"	79.010
30/06/2050 00:00:00	☉	08°26'43" ♉	23°09'42"	00°00'00"	00°57'12"	1.017
30/06/2050 00:00:00	☾	07°59'51" ♏	-15°10'23"	-01°03'37"	12°37'55"	0.003
30/06/2050 00:00:00	♀	19°59'28" ♉	23°47'58" ♀	01°52'38"	01°59'38"	1.271
30/06/2050 00:00:00	♀	20°24'34" ♏	16°21'54"	01°46'39"	01°07'13"	0.999
30/06/2050 00:00:00	♂	25°14'45" ♏	-17°26'06"	-04°36'21"	00°11'06"	0.509
30/06/2050 00:00:00	♃	07°06'42" ♏	19°03'03"	00°34'55"	00°12'22"	6.172
30/06/2050 00:00:00	♅	07°33'42" ♏	-18°51'39"	-00°30'15"	-00°03'34"	9.058
30/06/2050 00:00:00	♁	17°11'38" ♏	05°45'05"	00°45'16"	00°01'53"	18.627
30/06/2050 00:00:00	♃	27°22'05" ♂	17°56'10"	-01°40'20"	00°01'47"	30.575
30/06/2050 00:00:00	♁	10°36'52" ♏	-19°41'18"	-13°07'33"	-00°00'27"	41.076
30/06/2050 00:00:00	♏	19°51'38" ♏	-17°41'50"	00°00'00"	00°01'00"	0.003
30/06/2050 00:00:00	♃	06°35'28" ♏	-16°35'25"	04°52'49"	-00°03'12"	8.959
30/06/2050 00:00:00	♄	07°59'11" ♏	04°04'01"	-04°51'02"	00°06'42"	0.003
30/06/2050 00:00:00	T♏	19°51'38" ♏	-17°41'50"	00°00'00"	00°01'00"	0.003
30/06/2050 00:00:00	T♄	03°33'56" ♏	05°31'52"	-04°59'57"	-02°42'23"	0.003
30/06/2050 00:00:00	X	01°32'00" ♂	06°51'23"	-05°28'49"	00°00'17"	93.231

Ephemerides year 2050

30/06/2050 00:00:00	Y	18°31'22" ♀	12°07'12"	-10°51'09"	00°00'49"	79.004
01/07/2050 00:00:00	☉	09°23'55" ♁	23°05'52"	00°00'00"	00°57'12"	1.017
01/07/2050 00:00:00	☾	20°48'48" ♃	-17°52'10"	00°05'05"	13°00'31"	0.003
01/07/2050 00:00:00	♀	21°58'10" ♁	23°30'31" ○	01°53'38"	01°57'44"	1.261
01/07/2050 00:00:00	♀	21°31'43" ♁	15°58'21"	01°44'35"	01°07'04"	0.991
01/07/2050 00:00:00	♂	25°25'32" ♁	-17°26'17"	-04°40'28"	00°10'27"	0.504
01/07/2050 00:00:00	♃	07°19'06" ♁	18°59'56"	00°34'58"	00°12'25"	6.180
01/07/2050 00:00:00	♅	07°30'06" ♁	-18°52'41"	-00°30'22"	-00°03'38"	9.050
01/07/2050 00:00:00	♁	17°13'32" ♃	05°44'18"	00°45'14"	00°01'55"	18.643
01/07/2050 00:00:00	♃	27°23'53" ♂	17°56'32"	-01°40'22"	00°01'46"	30.564
01/07/2050 00:00:00	♁	10°36'24" ♃	-19°41'46"	-13°07'52"	-00°00'28"	41.062
01/07/2050 00:00:00	♁	19°52'09" ♃	-17°41'58"	00°00'00"	-00°00'06"	0.003
01/07/2050 00:00:00	♃	06°32'17" ♂	-16°34'58"	04°52'45"	-00°03'08"	8.970
01/07/2050 00:00:00	♁	08°05'54" ♃	04°01'50"	-04°50'44"	00°06'42"	0.003
01/07/2050 00:00:00	T♁	19°52'09" ♃	-17°41'58"	00°00'00"	-00°00'06"	0.003
01/07/2050 00:00:00	T♃	00°35'50" ♃	06°31'51"	-05°02'50"	-03°10'18"	0.003
01/07/2050 00:00:00	X	01°32'18" ♂	06°51'28"	-05°28'50"	00°00'16"	93.215
01/07/2050 00:00:00	Y	18°32'11" ♀	12°07'14"	-10°51'11"	00°00'49"	78.998
02/07/2050 00:00:00	☉	10°21'07" ♁	23°01'38"	00°00'00"	00°57'11"	1.017

Ephemerides year 2050

02/07/2050 00:00:00	♃	04°01'43" ♄	-19°42'33"	01°15'30"	13°25'33"	0.003
02/07/2050 00:00:00	♆	23°54'55" ♃	23°11'07"	01°53'55"	01°55'46"	1.249
02/07/2050 00:00:00	♀	22°38'43" ♁	15°34'28"	01°42'25"	01°06'55"	0.983
02/07/2050 00:00:00	♂	25°35'40" ♁	-17°26'43"	-04°44'37"	00°09'47"	0.499
02/07/2050 00:00:00	♃	07°31'32" ♁	18°56'48"	00°35'00"	00°12'27"	6.188
02/07/2050 00:00:00	♃	07°26'26" ♁	-18°53'44"	-00°30'29"	-00°03'41"	9.042
02/07/2050 00:00:00	♃	17°15'30" ♁	05°43'30"	00°45'11"	00°01'58"	18.658
02/07/2050 00:00:00	♃	27°25'39" ♁	17°56'54"	-01°40'24"	00°01'45"	30.553
02/07/2050 00:00:00	♃	10°35'54" ♁	-19°42'16"	-13°08'12"	-00°00'30"	41.048
02/07/2050 00:00:00	♁	19°51'12" ♁	-17°41'43"	00°00'00"	-00°01'52"	0.003
02/07/2050 00:00:00	♁	06°29'10" ♁	-16°34'32"	04°52'40"	-00°03'04"	8.980
02/07/2050 00:00:00	♁	08°12'37" ♁	03°59'38"	-04°50'26"	00°06'42"	0.003
02/07/2050 00:00:00	♁	19°51'12" ♁	-17°41'43"	00°00'00"	-00°01'52"	0.003
02/07/2050 00:00:00	♁	27°21'59" ♁	07°36'10"	-05°04'56"	-03°12'39"	0.003
02/07/2050 00:00:00	X	01°32'34" ♁	06°51'32"	-05°28'52"	00°00'16"	93.199
02/07/2050 00:00:00	Y	18°33'00" ♁	12°07'16"	-10°51'13"	00°00'49"	78.992
03/07/2050 00:00:00	♁	11°18'19" ♃	22°57'00"	00°00'00"	00°57'11"	1.017
03/07/2050 00:00:00	♃	17°40'05" ♄	-20°28'25"	02°23'43"	13°51'02"	0.003
03/07/2050 00:00:00	♆	25°49'42" ♃	22°49'52"	01°53'31"	01°53'46"	1.238

Ephemerides year 2050

03/07/2050 00:00:00 ♀	23°45'33" ♀	15°10'15"	01°40'08"	01°06'45"	0.976
03/07/2050 00:00:00 ♂	25°45'07" ♁	-17°27'22"	-04°48'46"	00°09'07"	0.494
03/07/2050 00:00:00 ♃	07°44'02" ♀	18°53'38"	00°35'03"	00°12'30"	6.195
03/07/2050 00:00:00 ♃	07°22'42" ♁	-18°54'47"	-00°30'35"	-00°03'44"	9.035
03/07/2050 00:00:00 ♃	17°17'30" ♃	05°42'41"	00°45'09"	00°02'01"	18.673
03/07/2050 00:00:00 ♃	27°27'24" ♂	17°57'15"	-01°40'26"	00°01'44"	30.541
03/07/2050 00:00:00 ♃	10°35'23" ♃	-19°42'45"	-13°08'31"	-00°00'31"	41.035
03/07/2050 00:00:00 ♃	19°48'16" ♃	-17°40'56"	00°00'00"	-00°04'00"	0.003
03/07/2050 00:00:00 ♃	06°26'07" ♂	-16°34'07"	04°52'34"	-00°03'00"	8.991
03/07/2050 00:00:00 ♃	08°19'20" ♃	03°57'26"	-04°50'08"	00°06'43"	0.003
03/07/2050 00:00:00 T♃	19°48'16" ♃	-17°40'56"	00°00'00"	-00°04'00"	0.003
03/07/2050 00:00:00 T♃	24°19'21" ♀	08°35'40"	-05°05'56"	-02°48'58"	0.003
03/07/2050 00:00:00 X	01°32'50" ♂	06°51'37"	-05°28'53"	00°00'15"	93.183
03/07/2050 00:00:00 Y	18°33'49" ♃	12°07'17"	-10°51'16"	00°00'48"	78.985
04/07/2050 00:00:00 ☉	12°15'30" ☉	22°51'57"	00°00'00"	00°57'11"	1.017
04/07/2050 00:00:00 ☾	01°43'08" ♂	-19°59'58"	03°25'13"	14°14'29"	0.002
04/07/2050 00:00:00 ♃	27°42'28" ☉	22°26'56"	01°52'26"	01°51'45"	1.225
04/07/2050 00:00:00 ♀	24°52'14" ♀	14°45'42"	01°37'44"	01°06'36"	0.968
04/07/2050 00:00:00 ♂	25°53'53" ♁	-17°28'15"	-04°52'55"	00°08'25"	0.489

Ephemerides year 2050

04/07/2050 00:00:00	♈	07°56'33"	♏	18°50'27"	00°35'05"	00°12'32"	6.202
04/07/2050 00:00:00	♍	07°18'56"	♁	-18°55'52"	-00°30'42"	-00°03'48"	9.028
04/07/2050 00:00:00	♎	17°19'32"	♏	05°41'51"	00°45'07"	00°02'04"	18.688
04/07/2050 00:00:00	♏	27°29'08"	♏	17°57'37"	-01°40'28"	00°01'43"	30.529
04/07/2050 00:00:00	♐	10°34'52"	♁	-19°43'15"	-13°08'50"	-00°00'32"	41.021
04/07/2050 00:00:00	♑	19°43'13"	♏	-17°39'34"	00°00'00"	-00°06'04"	0.003
04/07/2050 00:00:00	♒	06°23'09"	♁	-16°33'44"	04°52'28"	-00°02'56"	9.002
04/07/2050 00:00:00	♓	08°26'03"	♏	03°55'14"	-04°49'49"	00°06'43"	0.003
04/07/2050 00:00:00	T♏	19°43'13"	♏	-17°39'34"	00°00'00"	-00°06'04"	0.003
04/07/2050 00:00:00	T♑	21°48'44"	♏	09°23'51"	-05°06'03"	-02°11'24"	0.003
04/07/2050 00:00:00	X	01°33'06"	♏	06°51'41"	-05°28'54"	00°00'15"	93.167
04/07/2050 00:00:00	Y	18°34'38"	♏	12°07'18"	-10°51'19"	00°00'48"	78.978
05/07/2050 00:00:00	♈	13°12'41"	♏	22°46'31"	00°00'00"	00°57'11"	1.017
05/07/2050 00:00:00	♏	16°07'30"	♏	-18°14'01"	04°15'12"	14°33'15"	0.002
05/07/2050 00:00:00	♏	29°33'12"	♏	22°02'26"	01°50'41"	01°49'43"	1.212
05/07/2050 00:00:00	♏	25°58'45"	♏	14°20'51"	01°35'13"	01°06'26"	0.960
05/07/2050 00:00:00	♏	26°01'59"	♏	-17°29'23"	-04°57'05"	00°07'44"	0.484
05/07/2050 00:00:00	♈	08°09'07"	♏	18°47'14"	00°35'08"	00°12'35"	6.209
05/07/2050 00:00:00	♍	07°15'06"	♁	-18°56'56"	-00°30'49"	-00°03'51"	9.021



Ephemerides year 2050

05/07/2050 00:00:00	♃	17°21'38" ♃	05°41'01"	00°45'05"	00°02'06"	18.703
05/07/2050 00:00:00	♃	27°30'50" ♃	17°57'58"	-01°40'30"	00°01'41"	30.518
05/07/2050 00:00:00	♃	10°34'18" ♃	-19°43'45"	-13°09'09"	-00°00'33"	41.008
05/07/2050 00:00:00	♃	19°36'18" ♃	-17°37'42"	00°00'00"	-00°07'37"	0.003
05/07/2050 00:00:00	♃	06°20'15" ♃	-16°33'21"	04°52'22"	-00°02'51"	9.014
05/07/2050 00:00:00	♃	08°32'46" ♃	03°53'02"	-04°49'31"	00°06'42"	0.003
05/07/2050 00:00:00	♃	19°36'18" ♃	-17°37'42"	00°00'00"	-00°07'37"	0.003
05/07/2050 00:00:00	♃	19°55'21" ♃	09°59'30"	-05°05'43"	-01°37'14"	0.003
05/07/2050 00:00:00	X	01°33'21" ♃	06°51'45"	-05°28'55"	00°00'14"	93.150
05/07/2050 00:00:00	Y	18°35'27" ♃	12°07'19"	-10°51'21"	00°00'48"	78.971
06/07/2050 00:00:00	♃	14°09'53" ♃	22°40'41"	00°00'00"	00°57'11"	1.017
06/07/2050 00:00:00	♃	00°47'21" ♃	-15°15'45"	04°49'21"	14°45'08"	0.002
06/07/2050 00:00:00	♃	01°21'54" ♃	21°36'31"	01°48'18"	01°47'40"	1.199
06/07/2050 00:00:00	♃	27°05'06" ♃	13°55'41"	01°32'35"	01°06'15"	0.952
06/07/2050 00:00:00	♃	26°09'22" ♃	-17°30'44"	-05°01'15"	00°07'01"	0.479
06/07/2050 00:00:00	♃	08°21'43" ♃	18°44'00"	00°35'10"	00°12'37"	6.216
06/07/2050 00:00:00	♃	07°11'14" ♃	-18°58'02"	-00°30'55"	-00°03'54"	9.014
06/07/2050 00:00:00	♃	17°23'46" ♃	05°40'09"	00°45'02"	00°02'09"	18.718
06/07/2050 00:00:00	♃	27°32'31" ♃	17°58'18"	-01°40'32"	00°01'40"	30.505

Ephemerides year 2050

06/07/2050 00:00:00	♁	10°33'44" ♋r	-19°44'16"	-13°09'27"	-00°00'35"	40.995
06/07/2050 00:00:00	♁	19°28'15" ♎r	-17°35'31"	00°00'00"	-00°08'18"	0.003
06/07/2050 00:00:00	♆	06°17'25" ♏r	-16°33'00"	04°52'15"	-00°02'47"	9.025
06/07/2050 00:00:00	♁	08°39'29" ♎	03°50'50"	-04°49'13"	00°06'42"	0.003
06/07/2050 00:00:00	♁♁	19°28'15" ♎r	-17°35'31"	00°00'00"	-00°08'18"	0.003
06/07/2050 00:00:00	♁♁	18°28'39" ♏r	10°26'17"	-05°05'19"	-01°19'28"	0.003
06/07/2050 00:00:00	X	01°33'35" ♏	06°51'48"	-05°28'57"	00°00'14"	93.134
06/07/2050 00:00:00	Y	18°36'15" ♀	12°07'20"	-10°51'24"	00°00'47"	78.963
07/07/2050 00:00:00	♁	15°07'04" ♁	22°34'28"	00°00'00"	00°57'11"	1.017
07/07/2050 00:00:00	♁	15°35'04" ♁	-11°18'14"	05°04'34"	14°48'55"	0.002
07/07/2050 00:00:00	♁	03°08'33" ♏	21°09'17"	01°45'17"	01°45'37"	1.185
07/07/2050 00:00:00	♁	28°11'17" ♏	13°30'14"	01°29'50"	01°06'05"	0.944
07/07/2050 00:00:00	♁	26°16'02" ♁	-17°32'21"	-05°05'25"	00°06'18"	0.475
07/07/2050 00:00:00	♁	08°34'22" ♏	18°40'44"	00°35'13"	00°12'39"	6.222
07/07/2050 00:00:00	♁	07°07'18" ♁	-18°59'08"	-00°31'02"	-00°03'57"	9.007
07/07/2050 00:00:00	♁	17°25'56" ♎	05°39'16"	00°45'00"	00°02'11"	18.733
07/07/2050 00:00:00	♁	27°34'11" ♏	17°58'38"	-01°40'35"	00°01'39"	30.493
07/07/2050 00:00:00	♁	10°33'08" ♋r	-19°44'46"	-13°09'46"	-00°00'36"	40.982
07/07/2050 00:00:00	♁	19°20'02" ♎r	-17°33'17"	00°00'00"	-00°07'57"	0.003

Ephemerides year 2050

07/07/2050 00:00:00	♄	06°14'40" ♏	-16°32'39"	04°52'08"	-00°02'43"	9.037
07/07/2050 00:00:00	♁	08°46'12" ♍	03°48'39"	-04°48'54"	00°06'42"	0.003
07/07/2050 00:00:00	♁	19°20'02" ♍	-17°33'17"	00°00'00"	-00°07'57"	0.003
07/07/2050 00:00:00	♁	17°09'41" ♏	10°50'10"	-05°05'00"	-01°21'22"	0.003
07/07/2050 00:00:00	X	01°33'49" ♏	06°51'52"	-05°28'58"	00°00'13"	93.117
07/07/2050 00:00:00	Y	18°37'02" ♀	12°07'21"	-10°51'27"	00°00'47"	78.956
08/07/2050 00:00:00	♁	16°04'15" ♁	22°27'50"	00°00'00"	00°57'11"	1.017
08/07/2050 00:00:00	♁	00°22'30" ♀	-06°39'35"	04°59'31"	14°44'41"	0.002
08/07/2050 00:00:00	♁	04°53'10" ♏	20°40'53"	01°41'40"	01°43'35"	1.171
08/07/2050 00:00:00	♁	29°17'17" ♏	13°04'31"	01°26'59"	01°05'55"	0.937
08/07/2050 00:00:00	♁	26°21'58" ♁	-17°34'12"	-05°09'35"	00°05'34"	0.470
08/07/2050 00:00:00	♁	08°47'02" ♏	18°37'27"	00°35'15"	00°12'41"	6.229
08/07/2050 00:00:00	♁	07°03'20" ♁	-19°00'15"	-00°31'08"	-00°03'59"	9.001
08/07/2050 00:00:00	♁	17°28'09" ♍	05°38'22"	00°44'58"	00°02'14"	18.748
08/07/2050 00:00:00	♁	27°35'49" ♏	17°58'58"	-01°40'37"	00°01'37"	30.481
08/07/2050 00:00:00	♁	10°32'31" ♀	-19°45'18"	-13°10'04"	-00°00'37"	40.969
08/07/2050 00:00:00	♁	19°12'40" ♍	-17°31'17"	00°00'00"	-00°06'36"	0.003
08/07/2050 00:00:00	♁	06°11'59" ♏	-16°32'20"	04°52'00"	-00°02'38"	9.049
08/07/2050 00:00:00	♁	08°52'55" ♍	03°46'27"	-04°48'35"	00°06'42"	0.003

Ephemerides year 2050

08/07/2050 00:00:00	T♁	19°12'40" ♍	-17°31'17"	00°00'00"	-00°06'36"	0.003
08/07/2050 00:00:00	T♆	15°42'12" ♏	11°16'03"	-05°04'42"	-01°33'58"	0.003
08/07/2050 00:00:00	X	01°34'02" ♏	06°51'55"	-05°28'59"	00°00'12"	93.101
08/07/2050 00:00:00	Y	18°37'50" ♀	12°07'22"	-10°51'31"	00°00'47"	78.948
09/07/2050 00:00:00	☉	17°01'27" ♉	22°20'50"	00°00'00"	00°57'11"	1.017
09/07/2050 00:00:00	☾	15°02'14" ♋	-01°39'54"	04°34'50"	14°33'49"	0.002
09/07/2050 00:00:00	♁	06°35'44" ♏	20°11'25"	01°37'29"	01°41'32"	1.157
09/07/2050 00:00:00	♂	00°23'07" ♏	12°38'31"	01°24'00"	01°05'44"	0.929
09/07/2050 00:00:00	♂	26°27'11" ♋	-17°36'18"	-05°13'45"	00°04'49"	0.465
09/07/2050 00:00:00	♃	08°59'45" ♏	18°34'09"	00°35'18"	00°12'43"	6.235
09/07/2050 00:00:00	♄	06°59'19" ♋	-19°01'22"	-00°31'14"	-00°04'02"	8.995
09/07/2050 00:00:00	♅	17°30'25" ♏	05°37'27"	00°44'56"	00°02'16"	18.763
09/07/2050 00:00:00	♆	27°37'26" ♏	17°59'18"	-01°40'39"	00°01'36"	30.468
09/07/2050 00:00:00	♁	10°31'52" ♋	-19°45'49"	-13°10'22"	-00°00'39"	40.956
09/07/2050 00:00:00	♁	19°07'01" ♍	-17°29'45"	00°00'00"	-00°04'36"	0.003
09/07/2050 00:00:00	♂	06°09'22" ♋	-16°32'02"	04°51'52"	-00°02'34"	9.061
09/07/2050 00:00:00	♆	08°59'38" ♏	03°44'15"	-04°48'16"	00°06'42"	0.003
09/07/2050 00:00:00	T♁	19°07'01" ♍	-17°29'45"	00°00'00"	-00°04'36"	0.003
09/07/2050 00:00:00	T♆	14°04'49" ♏	11°44'15"	-05°04'15"	-01°37'14"	0.003

Ephemerides year 2050

09/07/2050 00:00:00	X	01°34'14" ♃	06°51'58"	-05°29'01"	00°00'12"	93.084
09/07/2050 00:00:00	Y	18°38'37" ♀	12°07'22"	-10°51'34"	00°00'46"	78.940
10/07/2050 00:00:00	♁	17°58'39" ♃	22°13'26"	00°00'00"	00°57'12"	1.017
10/07/2050 00:00:00	♂	29°28'39" ♃	03°21'15"	03°52'56"	14°18'28"	0.002
10/07/2050 00:00:00	♀	08°16'14" ♃	19°41'00"	01°32'44"	01°39'29"	1.143
10/07/2050 00:00:00	♀	01°28'46" ♃	12°12'16"	01°20'54"	01°05'33"	0.921
10/07/2050 00:00:00	♂	26°31'38" ♃	-17°38'39"	-05°17'54"	00°04'04"	0.461
10/07/2050 00:00:00	♃	09°12'30" ♃	18°30'50"	00°35'21"	00°12'45"	6.241
10/07/2050 00:00:00	♃	06°55'15" ♃	-19°02'30"	-00°31'21"	-00°04'05"	8.990
10/07/2050 00:00:00	♃	17°32'43" ♃	05°36'31"	00°44'54"	00°02'19"	18.777
10/07/2050 00:00:00	♃	27°39'02" ♃	17°59'37"	-01°40'42"	00°01'34"	30.455
10/07/2050 00:00:00	♃	10°31'13" ♃	-19°46'21"	-13°10'40"	-00°00'40"	40.944
10/07/2050 00:00:00	♃	19°03'31" ♃	-17°28'47"	00°00'00"	-00°02'24"	0.003
10/07/2050 00:00:00	♃	06°06'50" ♃	-16°31'45"	04°51'44"	-00°02'29"	9.073
10/07/2050 00:00:00	♃	09°06'20" ♃	03°42'04"	-04°47'57"	00°06'42"	0.003
10/07/2050 00:00:00	T♃	19°03'31" ♃	-17°28'47"	00°00'00"	-00°02'24"	0.003
10/07/2050 00:00:00	T♃	12°38'19" ♃	12°08'49"	-05°03'43"	-01°09'10"	0.003
10/07/2050 00:00:00	X	01°34'26" ♃	06°52'01"	-05°29'02"	00°00'11"	93.068
10/07/2050 00:00:00	Y	18°39'23" ♀	12°07'22"	-10°51'37"	00°00'46"	78.931

Ephemerides year 2050

11/07/2050 00:00:00	♁	18°55'52" ♃	22°05'40"	00°00'00"	00°57'12"	1.017
11/07/2050 00:00:00	♃	13°38'27" ♀	08°06'17"	02°57'24"	14°00'56"	0.002
11/07/2050 00:00:00	♄	09°54'42" ♁	19°09'44"	01°27'27"	01°37'26"	1.128
11/07/2050 00:00:00	♅	02°34'14" ♃	11°45'47"	01°17'42"	01°05'22"	0.913
11/07/2050 00:00:00	♆	26°35'19" ♃	-17°41'15"	-05°22'02"	00°03'18"	0.456
11/07/2050 00:00:00	♇	09°25'16" ♁	18°27'29"	00°35'24"	00°12'47"	6.247
11/07/2050 00:00:00	♈	06°51'09" ♃	-19°03'38"	-00°31'27"	-00°04'07"	8.985
11/07/2050 00:00:00	♉	17°35'03" ♃	05°35'34"	00°44'52"	00°02'21"	18.791
11/07/2050 00:00:00	♊	27°40'36" ♃	17°59'55"	-01°40'44"	00°01'33"	30.442
11/07/2050 00:00:00	♋	10°30'32" ♃	-19°46'53"	-13°10'58"	-00°00'41"	40.932
11/07/2050 00:00:00	♌	19°02'05" ♃	-17°28'24"	00°00'00"	-00°00'33"	0.003
11/07/2050 00:00:00	♍	06°04'23" ♃	-16°31'29"	04°51'35"	-00°02'24"	9.086
11/07/2050 00:00:00	♎	09°13'03" ♃	03°39'52"	-04°47'38"	00°06'42"	0.003
11/07/2050 00:00:00	♏	19°02'05" ♃	-17°28'24"	00°00'00"	-00°00'33"	0.003
11/07/2050 00:00:00	♐	11°59'52" ♃	12°19'33"	-05°03'28"	-00°01'41"	0.003
11/07/2050 00:00:00	♑	01°34'37" ♃	06°52'03"	-05°29'03"	00°00'10"	93.051
11/07/2050 00:00:00	♒	18°40'09" ♃	12°07'22"	-10°51'41"	00°00'46"	78.923
12/07/2050 00:00:00	♁	19°53'05" ♃	21°57'30"	00°00'00"	00°57'13"	1.017
12/07/2050 00:00:00	♃	27°30'27" ♀	12°19'53"	01°52'27"	13°43'08"	0.003

Ephemerides year 2050

12/07/2050 00:00:00	♀	11°31'07" ♈	18°37'43"	01°21'38"	01°35'23"	1.114
12/07/2050 00:00:00	♀	03°39'31" ♎	11°19'03"	01°14'22"	01°05'11"	0.905
12/07/2050 00:00:00	♂	26°38'15" ♊	-17°44'05"	-05°26'09"	00°02'32"	0.452
12/07/2050 00:00:00	♃	09°38'05" ♈	18°24'06"	00°35'27"	00°12'49"	6.252
12/07/2050 00:00:00	♅	06°47'00" ♋	-19°04'47"	-00°31'33"	-00°04'09"	8.979
12/07/2050 00:00:00	♁	17°37'26" ♎	05°34'37"	00°44'50"	00°02'24"	18.805
12/07/2050 00:00:00	♃	27°42'09" ♈	18°00'14"	-01°40'46"	00°01'32"	30.429
12/07/2050 00:00:00	♁	10°29'50" ♋	-19°47'26"	-13°11'16"	-00°00'42"	40.920
12/07/2050 00:00:00	♁	19°02'09" ♎	-17°28'25"	00°00'00"	00°00'30"	0.003
12/07/2050 00:00:00	♃	06°02'01" ♈	-16°31'14"	04°51'26"	-00°02'19"	9.099
12/07/2050 00:00:00	♀	09°19'46" ♎	03°37'41"	-04°47'18"	00°06'42"	0.003
12/07/2050 00:00:00	T♁	19°02'09" ♎	-17°28'25"	00°00'00"	00°00'30"	0.003
12/07/2050 00:00:00	T♀	12°43'46" ♈	12°07'09"	-05°03'54"	01°31'53"	0.003
12/07/2050 00:00:00	X	01°34'48" ♈	06°52'05"	-05°29'05"	00°00'10"	93.034
12/07/2050 00:00:00	Y	18°40'55" ♀	12°07'22"	-10°51'44"	00°00'45"	78.914
13/07/2050 00:00:00	♁	20°50'18" ♋	21°48'58"	00°00'00"	00°57'13"	1.017
13/07/2050 00:00:00	♃	11°05'06" ♈	15°49'13"	00°42'25"	13°26'22"	0.003
13/07/2050 00:00:00	♀	13°05'29" ♈	18°05'04"	01°15'20"	01°33'19"	1.099
13/07/2050 00:00:00	♀	04°44'36" ♎	10°52'07"	01°10'56"	01°04'59"	0.897

Ephemerides year 2050

13/07/2050 00:00:00	♂	26°40'24" ♊	-17°47'10"	-05°30'14"	00°01'45"	0.448
13/07/2050 00:00:00	♃	09°50'55" ♏	18°20'43"	00°35'30"	00°12'51"	6.258
13/07/2050 00:00:00	♅	06°42'49" ♋	-19°05'56"	-00°31'40"	-00°04'11"	8.975
13/07/2050 00:00:00	♁	17°39'52" ♉	05°33'38"	00°44'47"	00°02'26"	18.820
13/07/2050 00:00:00	♃	27°43'40" ♏	18°00'31"	-01°40'49"	00°01'30"	30.416
13/07/2050 00:00:00	♁	10°29'07" ♋	-19°47'58"	-13°11'33"	-00°00'43"	40.908
13/07/2050 00:00:00	♁	19°02'45" ♉	-17°28'35"	00°00'00"	00°00'31"	0.003
13/07/2050 00:00:00	♃	05°59'43" ♏	-16°31'01"	04°51'16"	-00°02'14"	9.112
13/07/2050 00:00:00	♁	09°26'29" ♉	03°35'29"	-04°46'59"	00°06'42"	0.003
13/07/2050 00:00:00	♁	19°02'45" ♉	-17°28'35"	00°00'00"	00°00'31"	0.003
13/07/2050 00:00:00	♁	15°04'04" ♏	11°26'56"	-05°04'47"	03°06'52"	0.003
13/07/2050 00:00:00	X	01°34'57" ♏	06°52'07"	-05°29'06"	00°00'09"	93.017
13/07/2050 00:00:00	Y	18°41'41" ♀	12°07'22"	-10°51'48"	00°00'45"	78.905
14/07/2050 00:00:00	♁	21°47'32" ♉	21°40'04"	00°00'00"	00°57'14"	1.017
14/07/2050 00:00:00	♃	24°23'45" ♏	18°24'07"	-00°28'30"	13°11'14"	0.003
14/07/2050 00:00:00	♁	14°37'46" ♏	17°31'53"	01°08'33"	01°31'15"	1.084
14/07/2050 00:00:00	♀	05°49'30" ♉	10°24'57"	01°07'22"	01°04'47"	0.889
14/07/2050 00:00:00	♂	26°41'47" ♊	-17°50'30"	-05°34'18"	00°00'58"	0.444
14/07/2050 00:00:00	♃	10°03'48" ♏	18°17'18"	00°35'33"	00°12'53"	6.263



Ephemerides year 2050

14/07/2050 00:00:00	♃	06°38'37" ♁	-19°07'05"	-00°31'46"	-00°04'13"	8.970
14/07/2050 00:00:00	♃	17°42'20" ♁	05°32'38"	00°44'45"	00°02'29"	18.833
14/07/2050 00:00:00	♃	27°45'10" ♁	18°00'49"	-01°40'52"	00°01'29"	30.402
14/07/2050 00:00:00	♃	10°28'23" ♁	-19°48'31"	-13°11'50"	-00°00'44"	40.896
14/07/2050 00:00:00	♃	19°02'50" ♁	-17°28'36"	00°00'00"	-00°00'33"	0.003
14/07/2050 00:00:00	♃	05°57'31" ♁	-16°30'48"	04°51'06"	-00°02'09"	9.125
14/07/2050 00:00:00	♃	09°33'12" ♁	03°33'17"	-04°46'39"	00°06'42"	0.003
14/07/2050 00:00:00	♃	19°02'50" ♁	-17°28'36"	00°00'00"	-00°00'33"	0.003
14/07/2050 00:00:00	♃	18°50'21" ♁	10°19'57"	-05°05'05"	04°20'42"	0.003
14/07/2050 00:00:00	X	01°35'07" ♁	06°52'09"	-05°29'08"	00°00'09"	93.000
14/07/2050 00:00:00	Y	18°42'26" ♁	12°07'22"	-10°51'52"	00°00'45"	78.895
15/07/2050 00:00:00	♃	22°44'47" ♁	21°30'47"	00°00'00"	00°57'14"	1.016
15/07/2050 00:00:00	♃	07°28'10" ♁	19°57'38"	-01°36'34"	12°57'51"	0.003
15/07/2050 00:00:00	♃	16°08'00" ♁	16°58'14"	01°01'19"	01°29'10"	1.069
15/07/2050 00:00:00	♃	06°54'12" ♁	09°57'36"	01°03'42"	01°04'35"	0.881
15/07/2050 00:00:00	♃	26°42'22" ♁	-17°54'04"	-05°38'19"	00°00'11"	0.440
15/07/2050 00:00:00	♃	10°16'42" ♁	18°13'52"	00°35'36"	00°12'54"	6.268
15/07/2050 00:00:00	♃	06°34'22" ♁	-19°08'15"	-00°31'52"	-00°04'15"	8.966
15/07/2050 00:00:00	♃	17°44'51" ♁	05°31'38"	00°44'43"	00°02'31"	18.847

Ephemerides year 2050

15/07/2050 00:00:00	♁	27°46'39"	♏	18°01'06"	-01°40'54"	00°01'27"	30.388
15/07/2050 00:00:00	♁	10°27'37"	♏	-19°49'04"	-13°12'07"	-00°00'45"	40.884
15/07/2050 00:00:00	♁	19°01'20"	♏	-17°28'11"	00°00'00"	-00°02'33"	0.003
15/07/2050 00:00:00	♁	05°55'24"	♏	-16°30'37"	04°50'55"	-00°02'04"	9.139
15/07/2050 00:00:00	♁	09°39'54"	♏	03°31'06"	-04°46'19"	00°06'42"	0.003
15/07/2050 00:00:00	T♁	19°01'20"	♏	-17°28'11"	00°00'00"	-00°02'33"	0.003
15/07/2050 00:00:00	T♁	23°33'36"	♏	08°52'47"	-05°03'31"	04°59'08"	0.003
15/07/2050 00:00:00	X	01°35'16"	♏	06°52'11"	-05°29'09"	00°00'08"	92.983
15/07/2050 00:00:00	Y	18°43'11"	♏	12°07'21"	-10°51'56"	00°00'44"	78.886
16/07/2050 00:00:00	♁	23°42'02"	♏	21°21'08"	-00°00'00"	00°57'15"	1.016
16/07/2050 00:00:00	♁	20°19'57"	♏	20°26'41"	-02°38'26"	12°45'56"	0.003
16/07/2050 00:00:00	♁	17°36'07"	♏	16°24'13"	00°53'38"	01°27'04"	1.054
16/07/2050 00:00:00	♁	07°58'41"	♏	09°30'04"	00°59'54"	01°04'23"	0.873
16/07/2050 00:00:00	♁	26°42'11"	♏	-17°57'52"	-05°42'18"	-00°00'35"	0.436
16/07/2050 00:00:00	♁	10°29'38"	♏	18°10'24"	00°35'39"	00°12'56"	6.273
16/07/2050 00:00:00	♁	06°30'05"	♏	-19°09'25"	-00°31'58"	-00°04'17"	8.962
16/07/2050 00:00:00	♁	17°47'23"	♏	05°30'36"	00°44'41"	00°02'34"	18.861
16/07/2050 00:00:00	♁	27°48'06"	♏	18°01'23"	-01°40'57"	00°01'26"	30.374
16/07/2050 00:00:00	♁	10°26'51"	♏	-19°49'38"	-13°12'24"	-00°00'47"	40.873

Ephemerides year 2050

16/07/2050 00:00:00	♏	18°57'30"	♍	-17°27'09"	00°00'00"	-00°05'08"	0.003
16/07/2050 00:00:00	♋	05°53'22"	♌	-16°30'27"	04°50'45"	-00°01'59"	9.152
16/07/2050 00:00:00	♎	09°46'37"	♍	03°28'54"	-04°45'59"	00°06'42"	0.003
16/07/2050 00:00:00	♏	18°57'30"	♍	-17°27'09"	00°00'00"	-00°05'08"	0.003
16/07/2050 00:00:00	♎	28°35'02"	♏	07°16'32"	-04°59'30"	04°57'02"	0.003
16/07/2050 00:00:00	X	01°35'24"	♏	06°52'12"	-05°29'10"	00°00'07"	92.966
16/07/2050 00:00:00	Y	18°43'55"	♏	12°07'21"	-10°52'00"	00°00'44"	78.876
17/07/2050 00:00:00	♏	24°39'18"	♏	21°11'08"	-00°00'00"	00°57'15"	1.016
17/07/2050 00:00:00	♏	03°00'25"	♏	19°52'28"	-03°31'22"	12°35'08"	0.003
17/07/2050 00:00:00	♎	19°02'08"	♏	15°49'55"	00°45'32"	01°24'56"	1.039
17/07/2050 00:00:00	♎	09°02'58"	♍	09°02'21"	00°56'00"	01°04'10"	0.865
17/07/2050 00:00:00	♏	26°41'12"	♏	-18°01'53"	-05°46'14"	-00°01'22"	0.432
17/07/2050 00:00:00	♏	10°42'35"	♏	18°06'56"	00°35'42"	00°12'58"	6.278
17/07/2050 00:00:00	♏	06°25'47"	♏	-19°10'36"	-00°32'04"	-00°04'19"	8.959
17/07/2050 00:00:00	♏	17°49'59"	♍	05°29'34"	00°44'39"	00°02'36"	18.874
17/07/2050 00:00:00	♎	27°49'31"	♏	18°01'40"	-01°40'59"	00°01'24"	30.360
17/07/2050 00:00:00	♏	10°26'03"	♏	-19°50'11"	-13°12'41"	-00°00'48"	40.862
17/07/2050 00:00:00	♏	18°51'00"	♍	-17°25'22"	00°00'00"	-00°07'50"	0.003
17/07/2050 00:00:00	♋	05°51'25"	♌	-16°30'18"	04°50'34"	-00°01'54"	9.166

Ephemerides year 2050

17/07/2050 00:00:00	☾	09°53'20" ♍	03°26'43"	-04°45'39"	00°06'42"	0.003
17/07/2050 00:00:00	♁	18°51'00" ♍	-17°25'22"	00°00'00"	-00°07'50"	0.003
17/07/2050 00:00:00	♁	03°15'33" ♍	05°44'24"	-04°53'32"	04°18'50"	0.003
17/07/2050 00:00:00	X	01°35'31" ♄	06°52'13"	-05°29'12"	00°00'07"	92.949
17/07/2050 00:00:00	Y	18°44'40" ♀	12°07'20"	-10°52'04"	00°00'43"	78.866
18/07/2050 00:00:00	☉	25°36'34" ♉	21°00'46"	-00°00'00"	00°57'16"	1.016
18/07/2050 00:00:00	☾	15°30'29" ♉	18°20'11"	-04°13'14"	12°25'05"	0.003
18/07/2050 00:00:00	♀	20°26'00" ♋	15°15'26"	00°37'01"	01°22'47"	1.023
18/07/2050 00:00:00	♀	10°07'02" ♍	08°34'28"	00°51'59"	01°03'57"	0.857
18/07/2050 00:00:00	♂	26°39'26" ♋	-18°06'08"	-05°50'07"	-00°02'09"	0.429
18/07/2050 00:00:00	♃	10°55'34" ♋	18°03'26"	00°35'45"	00°12'59"	6.282
18/07/2050 00:00:00	♃	06°21'27" ♋	-19°11'46"	-00°32'10"	-00°04'20"	8.955
18/07/2050 00:00:00	♃	17°52'36" ♍	05°28'30"	00°44'37"	00°02'38"	18.887
18/07/2050 00:00:00	♃	27°50'55" ♄	18°01'56"	-01°41'02"	00°01'23"	30.346
18/07/2050 00:00:00	♃	10°25'14" ♃	-19°50'45"	-13°12'57"	-00°00'49"	40.851
18/07/2050 00:00:00	♁	18°41'55" ♍	-17°22'52"	00°00'00"	-00°10'12"	0.003
18/07/2050 00:00:00	♃	05°49'33" ♃	-16°30'11"	04°50'22"	-00°01'49"	9.180
18/07/2050 00:00:00	☾	10°00'03" ♍	03°24'31"	-04°45'19"	00°06'42"	0.003
18/07/2050 00:00:00	♁	18°41'55" ♍	-17°22'52"	00°00'00"	-00°10'12"	0.003

Ephemerides year 2050

18/07/2050 00:00:00	T♄	07°05'08" ♍	04°27'37"	-04°47'00"	03°18'04"	0.003
18/07/2050 00:00:00	X	01°35'38" ♄	06°52'14"	-05°29'13"	00°00'06"	92.932
18/07/2050 00:00:00	Y	18°45'23" ♀	12°07'19"	-10°52'09"	00°00'43"	78.855
19/07/2050 00:00:00	☉	26°33'51" ♉	20°50'02"	-00°00'00"	00°57'16"	1.016
19/07/2050 00:00:00	☾	27°50'49" ♉	15°58'00"	-04°42'32"	12°15'40"	0.003
19/07/2050 00:00:00	♀	21°47'41" ♋	14°40'50"	00°28'07"	01°20'35"	1.008
19/07/2050 00:00:00	♀	11°10'53" ♍	08°06'26"	00°47'51"	01°03'43"	0.849
19/07/2050 00:00:00	♂	26°36'53" ♁	-18°10'36"	-05°53'56"	-00°02'56"	0.425
19/07/2050 00:00:00	♃	11°08'34" ♋	17°59'55"	00°35'48"	00°13'00"	6.286
19/07/2050 00:00:00	♅	06°17'06" ♁	-19°12'57"	-00°32'16"	-00°04'21"	8.952
19/07/2050 00:00:00	♁	17°55'16" ♍	05°27'26"	00°44'35"	00°02'40"	18.900
19/07/2050 00:00:00	♃	27°52'17" ♄	18°02'11"	-01°41'05"	00°01'21"	30.332
19/07/2050 00:00:00	♁	10°24'24" ♁	-19°51'19"	-13°13'13"	-00°00'50"	40.840
19/07/2050 00:00:00	♁	18°30'49" ♍	-17°19'49"	00°00'00"	-00°11'50"	0.003
19/07/2050 00:00:00	♃	05°47'46" ♁	-16°30'04"	04°50'10"	-00°01'43"	9.194
19/07/2050 00:00:00	♄	10°06'46" ♍	03°22'20"	-04°44'59"	00°06'42"	0.003
19/07/2050 00:00:00	T♁	18°30'49" ♍	-17°19'49"	00°00'00"	-00°11'50"	0.003
19/07/2050 00:00:00	T♄	09°50'31" ♍	03°31'48"	-04°41'18"	02°13'42"	0.003
19/07/2050 00:00:00	X	01°35'45" ♄	06°52'15"	-05°29'15"	00°00'05"	92.915

Ephemerides year 2050

19/07/2050 00:00:00	Y	18°46'06" ♀	12°07'18"	-10°52'13"	00°00'42"	78.845
20/07/2050 00:00:00	☉	27°31'08" ♁	20°38'58"	-00°00'00"	00°57'17"	1.016
20/07/2050 00:00:00	☾	10°02'04" ♁	12°55'44"	-04°58'29"	12°06'58"	0.003
20/07/2050 00:00:00	♁	23°07'10" ♁	14°06'12"	00°18'51"	01°18'21"	0.993
20/07/2050 00:00:00	♂	12°14'30" ♃	07°38'15"	00°43'36"	01°03'29"	0.841
20/07/2050 00:00:00	♂	26°33'34" ♃	-18°15'17"	-05°57'42"	-00°03'42"	0.421
20/07/2050 00:00:00	♃	11°21'35" ♁	17°56'23"	00°35'52"	00°13'02"	6.291
20/07/2050 00:00:00	♃	06°12'43" ♃	-19°14'08"	-00°32'21"	-00°04'23"	8.950
20/07/2050 00:00:00	♃	17°57'58" ♃	05°26'21"	00°44'34"	00°02'43"	18.913
20/07/2050 00:00:00	♃	27°53'38" ♃	18°02'27"	-01°41'07"	00°01'19"	30.317
20/07/2050 00:00:00	♃	10°23'33" ♃	-19°51'54"	-13°13'29"	-00°00'51"	40.829
20/07/2050 00:00:00	♃	18°18'34" ♃	-17°16'25"	00°00'00"	-00°12'28"	0.003
20/07/2050 00:00:00	♃	05°46'05" ♃	-16°29'59"	04°49'58"	-00°01'38"	9.209
20/07/2050 00:00:00	♃	10°13'29" ♃	03°20'09"	-04°44'38"	00°06'42"	0.003
20/07/2050 00:00:00	T♃	18°18'34" ♃	-17°16'25"	00°00'00"	-00°12'28"	0.003
20/07/2050 00:00:00	T♃	11°37'13" ♃	02°55'43"	-04°37'05"	01°22'59"	0.003
20/07/2050 00:00:00	X	01°35'50" ♃	06°52'16"	-05°29'16"	00°00'05"	92.898
20/07/2050 00:00:00	Y	18°46'49" ♀	12°07'17"	-10°52'18"	00°00'42"	78.834
21/07/2050 00:00:00	☉	28°28'25" ♁	20°27'33"	-00°00'00"	00°57'17"	1.016

Ephemerides year 2050

21/07/2050 00:00:00	♃	22°05'09" ♈	09°23'36"	-05°00'50"	11°59'24"	0.003
21/07/2050 00:00:00	♆	24°24'23" ♈	13°31'38"	00°09'14"	01°16'04"	0.978
21/07/2050 00:00:00	♀	13°17'52" ♍	07°09'57"	00°39'14"	01°03'15"	0.833
21/07/2050 00:00:00	♂	26°29'28" ♋	-18°20'09"	-06°01'23"	-00°04'28"	0.418
21/07/2050 00:00:00	♉	11°34'38" ♈	17°52'49"	00°35'55"	00°13'03"	6.294
21/07/2050 00:00:00	♄	06°08'19" ♋	-19°15'19"	-00°32'27"	-00°04'24"	8.947
21/07/2050 00:00:00	♁	18°00'42" ♍	05°25'15"	00°44'32"	00°02'45"	18.926
21/07/2050 00:00:00	♆	27°54'57" ♉	18°02'42"	-01°41'10"	00°01'18"	30.303
21/07/2050 00:00:00	♁	10°22'41" ♋	-19°52'28"	-13°13'44"	-00°00'52"	40.819
21/07/2050 00:00:00	♁	18°06'13" ♍	-17°13'00"	00°00'00"	-00°12'01"	0.003
21/07/2050 00:00:00	♃	05°44'29" ♋	-16°29'55"	04°49'46"	-00°01'33"	9.223
21/07/2050 00:00:00	♁	10°20'11" ♍	03°17'57"	-04°44'17"	00°06'42"	0.003
21/07/2050 00:00:00	♁	18°06'13" ♍	-17°13'00"	00°00'00"	-00°12'01"	0.003
21/07/2050 00:00:00	♁	12°43'53" ♍	02°33'10"	-04°34'15"	00°54'01"	0.003
21/07/2050 00:00:00	X	01°35'55" ♉	06°52'16"	-05°29'18"	00°00'04"	92.880
21/07/2050 00:00:00	Y	18°47'31" ♀	12°07'15"	-10°52'22"	00°00'41"	78.823
22/07/2050 00:00:00	♁	29°25'43" ♉	20°15'47"	-00°00'00"	00°57'17"	1.016
22/07/2050 00:00:00	♃	04°01'27" ♍	05°31'23"	-04°49'56"	11°53'33"	0.003
22/07/2050 00:00:00	♆	25°39'17" ♈	12°57'11"	-00°00'42"	01°13'43"	0.963

Ephemerides year 2050

22/07/2050 00:00:00	♀	14°21'00" ♍	06°41'32"	00°34'45"	01°03'00"	0.825
22/07/2050 00:00:00	♂	26°24'37" ♋	-18°25'13"	-06°04'59"	-00°05'13"	0.415
22/07/2050 00:00:00	♃	11°47'42" ♌	17°49'15"	00°35'59"	00°13'04"	6.298
22/07/2050 00:00:00	♅	06°03'55" ♋	-19°16'31"	-00°32'33"	-00°04'25"	8.945
22/07/2050 00:00:00	♁	18°03'28" ♍	05°24'09"	00°44'30"	00°02'47"	18.939
22/07/2050 00:00:00	♃	27°56'14" ♉	18°02'56"	-01°41'13"	00°01'16"	30.288
22/07/2050 00:00:00	♁	10°21'48" ♋	-19°53'03"	-13°14'00"	-00°00'53"	40.809
22/07/2050 00:00:00	♁	17°54'52" ♍	-17°09'50"	00°00'00"	-00°10'33"	0.003
22/07/2050 00:00:00	♃	05°42'58" ♉	-16°29'52"	04°49'33"	-00°01'27"	9.238
22/07/2050 00:00:00	♁	10°26'54" ♍	03°15'46"	-04°43'57"	00°06'42"	0.003
22/07/2050 00:00:00	T♁	17°54'52" ♍	-17°09'50"	00°00'00"	-00°10'33"	0.003
22/07/2050 00:00:00	T♁	13°31'34" ♍	02°16'57"	-04°32'13"	00°43'45"	0.003
22/07/2050 00:00:00	X	01°35'59" ♉	06°52'16"	-05°29'19"	00°00'03"	92.863
22/07/2050 00:00:00	Y	18°48'13" ♀	12°07'14"	-10°52'27"	00°00'41"	78.812
23/07/2050 00:00:00	☉	00°23'01" ♌	20°03'41"	-00°00'00"	00°57'18"	1.016
23/07/2050 00:00:00	☾	15°53'05" ♍	01°28'03"	-04°26'33"	11°50'10"	0.003
23/07/2050 00:00:00	♃	26°51'49" ♌	12°22'56"	-00°10'57"	01°11'19"	0.948
23/07/2050 00:00:00	♀	15°23'53" ♍	06°13'00"	00°30'09"	01°02'44"	0.817
23/07/2050 00:00:00	♂	26°19'01" ♋	-18°30'27"	-06°08'30"	-00°05'57"	0.412



Ephemerides year 2050

23/07/2050 00:00:00	♃	12°00'47" ♏	17°45'40"	00°36'02"	00°13'05"	6.302
23/07/2050 00:00:00	♅	05°59'29" ♁	-19°17'42"	-00°32'38"	-00°04'26"	8.943
23/07/2050 00:00:00	♁	18°06'16" ♏	05°23'01"	00°44'28"	00°02'49"	18.951
23/07/2050 00:00:00	♆	27°57'30" ♏	18°03'10"	-01°41'16"	00°01'14"	30.273
23/07/2050 00:00:00	♁	10°20'54" ♁	-19°53'38"	-13°14'15"	-00°00'54"	40.799
23/07/2050 00:00:00	♁	17°45'22" ♏	-17°07'11"	00°00'00"	-00°08'19"	0.003
23/07/2050 00:00:00	♆	05°41'33" ♁	-16°29'50"	04°49'21"	-00°01'22"	9.253
23/07/2050 00:00:00	♁	10°33'37" ♏	03°13'35"	-04°43'36"	00°06'42"	0.003
23/07/2050 00:00:00	T♁	17°45'22" ♏	-17°07'11"	00°00'00"	-00°08'19"	0.003
23/07/2050 00:00:00	T♆	14°14'19" ♏	02°02'14"	-04°30'31"	00°42'16"	0.003
23/07/2050 00:00:00	X	01°36'03" ♏	06°52'16"	-05°29'21"	00°00'03"	92.846
23/07/2050 00:00:00	Y	18°48'54" ♀	12°07'12"	-10°52'32"	00°00'40"	78.801
24/07/2050 00:00:00	♁	01°20'19" ♏	19°51'15"	-00°00'00"	00°57'18"	1.016
24/07/2050 00:00:00	♃	27°42'53" ♏	-02°38'06"	-03°51'42"	11°50'03"	0.003
24/07/2050 00:00:00	♁	28°01'54" ♏	11°49'00"	-00°21'31"	01°08'50"	0.933
24/07/2050 00:00:00	♁	16°26'30" ♏	05°44'23"	00°25'27"	01°02'29"	0.809
24/07/2050 00:00:00	♁	26°12'41" ♁	-18°35'51"	-06°11'55"	-00°06'41"	0.409
24/07/2050 00:00:00	♃	12°13'53" ♏	17°42'03"	00°36'06"	00°13'06"	6.305
24/07/2050 00:00:00	♅	05°55'02" ♁	-19°18'53"	-00°32'44"	-00°04'26"	8.942

Ephemerides year 2050

24/07/2050 00:00:00	♃	18°09'07" ♎	05°21'53"	00°44'26"	00°02'51"	18.963
24/07/2050 00:00:00	♃	27°58'44" ♏	18°03'24"	-01°41'19"	00°01'13"	30.258
24/07/2050 00:00:00	♃	10°19'59" ♏	-19°54'13"	-13°14'30"	-00°00'55"	40.789
24/07/2050 00:00:00	♃	17°38'19" ♏	-17°05'13"	00°00'00"	-00°05'44"	0.003
24/07/2050 00:00:00	♃	05°40'14" ♏	-16°29'50"	04°49'07"	-00°01'16"	9.268
24/07/2050 00:00:00	♃	10°40'19" ♎	03°11'24"	-04°43'15"	00°06'42"	0.003
24/07/2050 00:00:00	♃	17°38'19" ♏	-17°05'13"	00°00'00"	-00°05'44"	0.003
24/07/2050 00:00:00	♃	14°55'28" ♎	01°47'55"	-04°28'58"	00°38'58"	0.003
24/07/2050 00:00:00	X	01°36'06" ♏	06°52'15"	-05°29'22"	00°00'02"	92.829
24/07/2050 00:00:00	Y	18°49'34" ♏	12°07'10"	-10°52'37"	00°00'40"	78.789
25/07/2050 00:00:00	♃	02°17'38" ♏	19°38'29"	-00°00'00"	00°57'18"	1.016
25/07/2050 00:00:00	♃	09°34'32" ♏	-06°39'12"	-03°06'43"	11°53'59"	0.003
25/07/2050 00:00:00	♃	29°09'28" ♏	11°15'26"	-00°32'21"	01°06'16"	0.918
25/07/2050 00:00:00	♃	17°28'51" ♎	05°15'41"	00°20'38"	01°02'12"	0.801
25/07/2050 00:00:00	♃	26°05'38" ♏	-18°41'25"	-06°15'15"	-00°07'24"	0.406
25/07/2050 00:00:00	♃	12°27'00" ♏	17°38'25"	00°36'09"	00°13'07"	6.308
25/07/2050 00:00:00	♃	05°50'35" ♏	-19°20'04"	-00°32'49"	-00°04'27"	8.940
25/07/2050 00:00:00	♃	18°11'59" ♎	05°20'44"	00°44'25"	00°02'53"	18.975
25/07/2050 00:00:00	♃	27°59'56" ♏	18°03'37"	-01°41'22"	00°01'11"	30.243

Ephemerides year 2050

25/07/2050 00:00:00	♁	10°19'03"	♋	-19°54'48"	-13°14'44"	-00°00'56"	40.779
25/07/2050 00:00:00	♁	17°33'52"	♏	-17°03'58"	00°00'00"	-00°03'12"	0.003
25/07/2050 00:00:00	♁	05°39'00"	♌	-16°29'50"	04°48'54"	-00°01'11"	9.283
25/07/2050 00:00:00	♁	10°47'02"	♏	03°09'12"	-04°42'53"	00°06'42"	0.003
25/07/2050 00:00:00	♁	17°33'52"	♏	-17°03'58"	00°00'00"	-00°03'12"	0.003
25/07/2050 00:00:00	♁	15°29'04"	♏	01°36'08"	-04°27'47"	00°26'10"	0.003
25/07/2050 00:00:00	X	01°36'08"	♄	06°52'15"	-05°29'24"	00°00'01"	92.812
25/07/2050 00:00:00	Y	18°50'15"	♁	12°07'08"	-10°52'42"	00°00'39"	78.777
26/07/2050 00:00:00	♁	03°14'57"	♏	19°25'24"	-00°00'00"	00°57'19"	1.016
26/07/2050 00:00:00	♁	21°32'26"	♁	-10°27'07"	-02°13'07"	12°02'36"	0.003
26/07/2050 00:00:00	♁	00°14'25"	♏	10°42'19"	-00°43'27"	01°03'37"	0.903
26/07/2050 00:00:00	♁	18°30'55"	♏	04°46'54"	00°15'42"	01°01'55"	0.793
26/07/2050 00:00:00	♁	25°57'53"	♏	-18°47'07"	-06°18'28"	-00°08'05"	0.403
26/07/2050 00:00:00	♁	12°40'07"	♏	17°34'47"	00°36'13"	00°13'08"	6.311
26/07/2050 00:00:00	♁	05°46'08"	♏	-19°21'15"	-00°32'55"	-00°04'27"	8.940
26/07/2050 00:00:00	♁	18°14'54"	♏	05°19'34"	00°44'23"	00°02'55"	18.987
26/07/2050 00:00:00	♁	28°01'07"	♄	18°03'50"	-01°41'24"	00°01'09"	30.228
26/07/2050 00:00:00	♁	10°18'06"	♋	-19°55'23"	-13°14'59"	-00°00'57"	40.770
26/07/2050 00:00:00	♁	17°31'44"	♏	-17°03'22"	00°00'00"	-00°01'11"	0.003


































Ephemerides year 2050

26/07/2050 00:00:00	♁	05°37'52"	♌	-16°29'52"	04°48'40"	-00°01'05"	9.299
26/07/2050 00:00:00	♁	10°53'44"	♌	03°07'01"	-04°42'32"	00°06'42"	0.003
26/07/2050 00:00:00	♁	17°31'44"	♌	-17°03'22"	00°00'00"	-00°01'11"	0.003
26/07/2050 00:00:00	♁	15°43'17"	♌	01°31'03"	-04°27'22"	-00°00'04"	0.003
26/07/2050 00:00:00	X	01°36'10"	♌	06°52'14"	-05°29'25"	00°00'01"	92.794
26/07/2050 00:00:00	Y	18°50'54"	♌	12°07'06"	-10°52'48"	00°00'39"	78.765
27/07/2050 00:00:00	♁	04°12'17"	♌	19°11'59"	00°00'00"	00°57'19"	1.016
27/07/2050 00:00:00	♁	03°41'29"	♌	-13°52'55"	-01°12'40"	12°16'22"	0.003
27/07/2050 00:00:00	♁	01°16'41"	♌	10°09'45"	-00°54'47"	01°00'52"	0.888
27/07/2050 00:00:00	♁	19°32'42"	♌	04°18'04"	00°10'39"	01°01'38"	0.785
27/07/2050 00:00:00	♁	25°49'27"	♌	-18°52'56"	-06°21'34"	-00°08'46"	0.400
27/07/2050 00:00:00	♁	12°53'16"	♌	17°31'07"	00°36'17"	00°13'08"	6.313
27/07/2050 00:00:00	♁	05°41'40"	♌	-19°22'27"	-00°33'00"	-00°04'27"	8.939
27/07/2050 00:00:00	♁	18°17'50"	♌	05°18'24"	00°44'21"	00°02'57"	18.999
27/07/2050 00:00:00	♁	28°02'16"	♌	18°04'02"	-01°41'27"	00°01'08"	30.212
27/07/2050 00:00:00	♁	10°17'08"	♌	-19°55'59"	-13°15'13"	-00°00'58"	40.761
27/07/2050 00:00:00	♁	17°31'12"	♌	-17°03'13"	00°00'00"	-00°00'01"	0.003
27/07/2050 00:00:00	♁	05°36'49"	♌	-16°29'55"	04°48'26"	-00°00'59"	9.314
27/07/2050 00:00:00	♁	11°00'27"	♌	03°04'50"	-04°42'11"	00°06'42"	0.003

Ephemerides year 2050

27/07/2050 00:00:00	T♄	17°31'12" ♍	-17°03'13"	00°00'00"	-00°00'01"	0.003
27/07/2050 00:00:00	T♄	15°24'24" ♍	01°37'31"	-04°28'13"	-00°39'41"	0.003
27/07/2050 00:00:00	X	01°36'11" ♂	06°52'13"	-05°29'27"	00°00'00"	92.777
27/07/2050 00:00:00	Y	18°51'33" ♀	12°07'04"	-10°52'53"	00°00'38"	78.753
28/07/2050 00:00:00	☉	05°09'37" ♋	18°58'15"	00°00'00"	00°57'20"	1.015
28/07/2050 00:00:00	☾	16°06'54" ♋	-16°46'24"	-00°07'27"	12°35'19"	0.003
28/07/2050 00:00:00	♀	02°16'09" ♍	09°37'49"	-01°06'20"	00°58'01"	0.873
28/07/2050 00:00:00	♀	20°34'11" ♍	03°49'10"	00°05'29"	01°01'20"	0.777
28/07/2050 00:00:00	♂	25°40'21" ♋	-18°58'53"	-06°24'33"	-00°09'25"	0.398
28/07/2050 00:00:00	♃	13°06'25" ♋	17°27'26"	00°36'21"	00°13'09"	6.316
28/07/2050 00:00:00	♃	05°37'12" ♋	-19°23'37"	-00°33'05"	-00°04'27"	8.939
28/07/2050 00:00:00	♃	18°20'49" ♍	05°17'12"	00°44'19"	00°02'59"	19.010
28/07/2050 00:00:00	♃	28°03'23" ♂	18°04'14"	-01°41'30"	00°01'06"	30.197
28/07/2050 00:00:00	♃	10°16'09" ♋	-19°56'34"	-13°15'27"	-00°00'59"	40.752
28/07/2050 00:00:00	♃	17°31'19" ♋	-17°03'15"	00°00'00"	00°00'03"	0.003
28/07/2050 00:00:00	♃	05°35'52" ♋	-16°29'59"	04°48'12"	-00°00'54"	9.330
28/07/2050 00:00:00	♃	11°07'10" ♍	03°02'39"	-04°41'49"	00°06'42"	0.003
28/07/2050 00:00:00	T♄	17°31'19" ♋	-17°03'15"	00°00'00"	00°00'03"	0.003
28/07/2050 00:00:00	T♄	14°20'57" ♍	01°59'31"	-04°30'42"	-01°27'58"	0.003

Ephemerides year 2050

28/07/2050 00:00:00	X	01°36'11" 	06°52'12"	-05°29'28"	00°00'00"	92.760
28/07/2050 00:00:00	Y	18°52'12" 	12°07'01"	-10°52'58"	00°00'38"	78.741
29/07/2050 00:00:00		06°06'57" 	18°44'13"	00°00'00"	00°57'20"	1.015
29/07/2050 00:00:00		28°53'45" 	-18°55'52"	00°59'54"	12°59'06"	0.003
29/07/2050 00:00:00		03°12'41" 	09°06'36"	-01°18'04"	00°55'02"	0.858
29/07/2050 00:00:00		21°35'22" 	03°20'15"	00°00'13"	01°01'01"	0.769
29/07/2050 00:00:00		25°30'37" 	-19°04'55"	-06°27'25"	-00°10'03"	0.395
29/07/2050 00:00:00		13°19'35" 	17°23'45"	00°36'25"	00°13'10"	6.318
29/07/2050 00:00:00		05°32'44" 	-19°24'48"	-00°33'10"	-00°04'27"	8.939
29/07/2050 00:00:00		18°23'49" 	05°16'00"	00°44'18"	00°03'01"	19.021
29/07/2050 00:00:00		28°04'29" 	18°04'26"	-01°41'33"	00°01'04"	30.181
29/07/2050 00:00:00		10°15'09" 	-19°57'10"	-13°15'40"	-00°01'00"	40.744
29/07/2050 00:00:00		17°30'58" 	-17°03'09"	00°00'00"	-00°00'57"	0.003
29/07/2050 00:00:00		05°35'00" 	-16°30'05"	04°47'58"	-00°00'48"	9.346
29/07/2050 00:00:00		11°13'52" 	03°00'28"	-04°41'27"	00°06'42"	0.003
29/07/2050 00:00:00	T 	17°30'58" 	-17°03'09"	00°00'00"	-00°00'57"	0.003
29/07/2050 00:00:00	T 	12°28'52" 	02°38'27"	-04°34'41"	-02°14'51"	0.003
29/07/2050 00:00:00	X	01°36'11" 	06°52'10"	-05°29'30"	-00°00'00"	92.743
29/07/2050 00:00:00	Y	18°52'50" 	12°06'59"	-10°53'04"	00°00'37"	78.728

Ephemerides year 2050

30/07/2050 00:00:00	☉	07°04'18" ♈	18°29'53"	00°00'00"	00°57'21"	1.015
30/07/2050 00:00:00	☾	12°06'22" ♏	-20°08'56"	02°06'14"	13°26'35"	0.003
30/07/2050 00:00:00	♀	04°06'11" ♍	08°36'13"	-01°29'58"	00°51'56"	0.844
30/07/2050 00:00:00	♀	22°36'14" ♍	02°51'17"	-00°05'09"	01°00'42"	0.761
30/07/2050 00:00:00	♂	25°20'15" ♎	-19°11'03"	-06°30'09"	-00°10'39"	0.393
30/07/2050 00:00:00	♃	13°32'46" ♈	17°20'02"	00°36'29"	00°13'10"	6.320
30/07/2050 00:00:00	♅	05°28'16" ♎	-19°25'59"	-00°33'16"	-00°04'27"	8.939
30/07/2050 00:00:00	♁	18°26'52" ♍	05°14'47"	00°44'16"	00°03'03"	19.033
30/07/2050 00:00:00	♃	28°05'33" ♏	18°04'37"	-01°41'36"	00°01'02"	30.166
30/07/2050 00:00:00	♁	10°14'09" ♎	-19°57'45"	-13°15'54"	-00°01'00"	40.735
30/07/2050 00:00:00	♁	17°29'05" ♍	-17°02'37"	00°00'00"	-00°02'54"	0.003
30/07/2050 00:00:00	♃	05°34'15" ♏	-16°30'11"	04°47'43"	-00°00'42"	9.362
30/07/2050 00:00:00	♁	11°20'35" ♍	02°58'17"	-04°41'05"	00°06'42"	0.003
30/07/2050 00:00:00	T♁	17°29'05" ♍	-17°02'37"	00°00'00"	-00°02'54"	0.003
30/07/2050 00:00:00	T♁	09°56'12" ♍	03°31'18"	-04°39'33"	-02°46'55"	0.003
30/07/2050 00:00:00	X	01°36'10" ♏	06°52'09"	-05°29'31"	-00°00'01"	92.726
30/07/2050 00:00:00	Y	18°53'28" ♀	12°06'56"	-10°53'09"	00°00'37"	78.716
31/07/2050 00:00:00	☉	08°01'40" ♈	18°15'14"	00°00'00"	00°57'21"	1.015
31/07/2050 00:00:00	☾	25°47'32" ♏	-20°14'16"	03°07'39"	13°55'51"	0.002

Ephemerides year 2050

31/07/2050 00:00:00	♀	04°56'31" ♍	08°06'44"	-01°42'01"	00°48'41"	0.829
31/07/2050 00:00:00	♀	23°36'47" ♍	02°22'19"	-00°10'39"	01°00'22"	0.753
31/07/2050 00:00:00	♂	25°09'18" ♋	-19°17'15"	-06°32'44"	-00°11'14"	0.391
31/07/2050 00:00:00	♃	13°45'57" ♏	17°16'18"	00°36'33"	00°13'11"	6.322
31/07/2050 00:00:00	♃	05°23'49" ♋	-19°27'09"	-00°33'21"	-00°04'27"	8.939
31/07/2050 00:00:00	♃	18°29'56" ♍	05°13'34"	00°44'15"	00°03'05"	19.043
31/07/2050 00:00:00	♃	28°06'35" ♏	18°04'48"	-01°41'39"	00°01'01"	30.150
31/07/2050 00:00:00	♃	10°13'08" ♋	-19°58'21"	-13°16'07"	-00°01'01"	40.727
31/07/2050 00:00:00	♏	17°24'57" ♍	-17°01'27"	00°00'00"	-00°05'25"	0.003
31/07/2050 00:00:00	♃	05°33'35" ♋	-16°30'19"	04°47'28"	-00°00'36"	9.378
31/07/2050 00:00:00	♃	11°27'18" ♍	02°56'06"	-04°40'43"	00°06'42"	0.003
31/07/2050 00:00:00	T♏	17°24'57" ♍	-17°01'27"	00°00'00"	-00°05'25"	0.003
31/07/2050 00:00:00	T♃	07°03'26" ♍	04°30'45"	-04°44'18"	-02°54'07"	0.003
31/07/2050 00:00:00	X	01°36'09" ♏	06°52'07"	-05°29'33"	-00°00'01"	92.709
31/07/2050 00:00:00	Y	18°54'05" ♀	12°06'53"	-10°53'15"	00°00'36"	78.703
01/08/2050 00:00:00	♃	08°59'02" ♏	18°00'17"	00°00'00"	00°57'22"	1.015
01/08/2050 00:00:00	♃	09°57'45" ♏	-19°04'22"	03°59'42"	14°24'06"	0.002
01/08/2050 00:00:00	♀	05°43'31" ♍	07°38'18"	-01°54'09"	00°45'17"	0.815
01/08/2050 00:00:00	♀	24°36'59" ♍	01°53'20"	-00°16'15"	01°00'02"	0.745



Ephemerides year 2050

01/08/2050 00:00:00	♂	24°57'47" ♊	-19°23'30"	-06°35'11"	-00°11'47"	0.389
01/08/2050 00:00:00	♃	13°59'09" ♏	17°12'34"	00°36'37"	00°13'11"	6.324
01/08/2050 00:00:00	♅	05°19'22" ♊	-19°28'19"	-00°33'26"	-00°04'26"	8.940
01/08/2050 00:00:00	♁	18°33'02" ♏	05°12'20"	00°44'13"	00°03'06"	19.054
01/08/2050 00:00:00	♃	28°07'35" ♏	18°04'58"	-01°41'42"	00°00'59"	30.134
01/08/2050 00:00:00	♁	10°12'06" ♁	-19°58'57"	-13°16'19"	-00°01'02"	40.719
01/08/2050 00:00:00	♏	17°18'14" ♏	-16°59'34"	00°00'00"	-00°07'56"	0.003
01/08/2050 00:00:00	♃	05°33'01" ♁	-16°30'28"	04°47'13"	-00°00'31"	9.394
01/08/2050 00:00:00	♁	11°34'00" ♏	02°53'55"	-04°40'21"	00°06'42"	0.003
01/08/2050 00:00:00	♏	17°18'14" ♏	-16°59'34"	00°00'00"	-00°07'56"	0.003
01/08/2050 00:00:00	♁	04°16'03" ♏	05°27'48"	-04°48'10"	-02°37'26"	0.003
01/08/2050 00:00:00	X	01°36'07" ♏	06°52'05"	-05°29'34"	-00°00'02"	92.691
01/08/2050 00:00:00	Y	18°54'41" ♁	12°06'50"	-10°53'21"	00°00'36"	78.690
02/08/2050 00:00:00	♁	09°56'25" ♏	17°45'03"	00°00'00"	00°57'23"	1.015
02/08/2050 00:00:00	♃	24°34'19" ♏	-16°38'29"	04°37'48"	14°48'00"	0.002
02/08/2050 00:00:00	♁	06°27'02" ♏	07°10'59"	-02°06'23"	00°41'43"	0.801
02/08/2050 00:00:00	♀	25°36'51" ♏	01°24'22"	-00°21'58"	00°59'40"	0.737
02/08/2050 00:00:00	♂	24°45'44" ♊	-19°29'47"	-06°37'29"	-00°12'19"	0.387
02/08/2050 00:00:00	♃	14°12'21" ♏	17°08'48"	00°36'41"	00°13'12"	6.325

Ephemerides year 2050

02/08/2050 00:00:00	♃	05°14'55" ♊	-19°29'29"	-00°33'31"	-00°04'26"	8.941
02/08/2050 00:00:00	♅	18°36'10" ♌	05°11'05"	00°44'12"	00°03'08"	19.064
02/08/2050 00:00:00	♆	28°08'34" ♍	18°05'08"	-01°41'45"	00°00'57"	30.118
02/08/2050 00:00:00	♁	10°11'03" ♋	-19°59'33"	-13°16'32"	-00°01'03"	40.712
02/08/2050 00:00:00	♄	17°09'14" ♉	-16°57'01"	00°00'00"	-00°09'55"	0.003
02/08/2050 00:00:00	♂	05°32'33" ♈	-16°30'38"	04°46'58"	-00°00'25"	9.410
02/08/2050 00:00:00	♁	11°40'43" ♌	02°51'44"	-04°39'59"	00°06'42"	0.003
02/08/2050 00:00:00	♁	17°09'14" ♉	-16°57'01"	00°00'00"	-00°09'55"	0.003
02/08/2050 00:00:00	♁	01°52'22" ♉	06°16'14"	-04°50'56"	-02°09'25"	0.003
02/08/2050 00:00:00	X	01°36'04" ♈	06°52'02"	-05°29'36"	-00°00'03"	92.674
02/08/2050 00:00:00	Y	18°55'17" ♌	12°06'47"	-10°53'27"	00°00'35"	78.676
03/08/2050 00:00:00	♁	10°53'48" ♌	17°29'32"	00°00'00"	00°57'23"	1.015
03/08/2050 00:00:00	♃	09°31'11" ♊	-13°04'15"	04°57'59"	15°04'12"	0.002
03/08/2050 00:00:00	♁	07°06'54" ♌	06°44'55"	-02°18'38"	00°37'59"	0.787
03/08/2050 00:00:00	♆	26°36'21" ♍	00°55'24"	-00°27'48"	00°59'19"	0.729
03/08/2050 00:00:00	♂	24°33'09" ♈	-19°36'06"	-06°39'38"	-00°12'49"	0.385
03/08/2050 00:00:00	♁	14°25'33" ♌	17°05'02"	00°36'45"	00°13'12"	6.326
03/08/2050 00:00:00	♃	05°10'29" ♊	-19°30'38"	-00°33'35"	-00°04'25"	8.943
03/08/2050 00:00:00	♅	18°39'19" ♌	05°09'49"	00°44'10"	00°03'10"	19.075

Ephemerides year 2050

03/08/2050 00:00:00	♃	28°09'30"	♄	18°05'17"	-01°41'49"	00°00'55"	30.102
03/08/2050 00:00:00	♁	10°09'59"	♃	-20°00'09"	-13°16'44"	-00°01'04"	40.704
03/08/2050 00:00:00	♁	16°58'43"	♃	-16°54'03"	00°00'00"	-00°10'53"	0.003
03/08/2050 00:00:00	♃	05°32'10"	♂	-16°30'49"	04°46'43"	-00°00'19"	9.427
03/08/2050 00:00:00	♁	11°47'26"	♃	02°49'33"	-04°39'36"	00°06'42"	0.003
03/08/2050 00:00:00	T♁	16°58'43"	♃	-16°54'03"	00°00'00"	-00°10'53"	0.003
03/08/2050 00:00:00	T♁	29°55'29"	♃	06°55'08"	-04°52'55"	-01°46'22"	0.003
03/08/2050 00:00:00	X	01°36'01"	♄	06°52'00"	-05°29'37"	-00°00'03"	92.657
03/08/2050 00:00:00	Y	18°55'53"	♁	12°06'44"	-10°53'33"	00°00'35"	78.663
04/08/2050 00:00:00	♁	11°51'13"	♃	17°13'43"	00°00'00"	00°57'24"	1.015
04/08/2050 00:00:00	♃	24°39'22"	♃	-08°36'56"	04°57'42"	15°10'23"	0.002
04/08/2050 00:00:00	♁	07°42'57"	♃	06°20'13"	-02°30'53"	00°34'05"	0.773
04/08/2050 00:00:00	♁	27°35'29"	♃	00°26'29"	-00°33'44"	00°58'56"	0.721
04/08/2050 00:00:00	♂	24°20'05"	♃	-19°42'25"	-06°41'37"	-00°13'17"	0.383
04/08/2050 00:00:00	♂	14°38'45"	♃	17°01'15"	00°36'50"	00°13'12"	6.327
04/08/2050 00:00:00	♂	05°06'04"	♃	-19°31'47"	-00°33'40"	-00°04'25"	8.945
04/08/2050 00:00:00	♃	18°42'30"	♃	05°08'33"	00°44'09"	00°03'11"	19.085
04/08/2050 00:00:00	♃	28°10'25"	♄	18°05'27"	-01°41'52"	00°00'53"	30.086
04/08/2050 00:00:00	♁	10°08'54"	♃	-20°00'44"	-13°16'56"	-00°01'04"	40.697

Ephemerides year 2050

04/08/2050 00:00:00	♏	16°47'53" ♍	-16°50'58"	00°00'00"	-00°10'34"	0.003
04/08/2050 00:00:00	♋	05°31'53" ♎	-16°31'02"	04°46'27"	-00°00'14"	9.443
04/08/2050 00:00:00	♌	11°54'08" ♍	02°47'22"	-04°39'13"	00°06'42"	0.003
04/08/2050 00:00:00	T♏	16°47'53" ♍	-16°50'58"	00°00'00"	-00°10'34"	0.003
04/08/2050 00:00:00	T♌	28°14'11" ♎	07°28'16"	-04°54'35"	-01°39'18"	0.003
04/08/2050 00:00:00	X	01°35'57" ♎	06°51'57"	-05°29'39"	-00°00'04"	92.640
04/08/2050 00:00:00	Y	18°56'27" ♀	12°06'40"	-10°53'39"	00°00'34"	78.649
05/08/2050 00:00:00	♃	12°48'38" ♎	16°57'38"	00°00'00"	00°57'25"	1.014
05/08/2050 00:00:00	♄	09°48'25" ♋	-03°36'57"	04°36'36"	15°05'58"	0.002
05/08/2050 00:00:00	♎	08°15'01" ♍	05°57'01"	-02°43'05"	00°29'59"	0.759
05/08/2050 00:00:00	♏	28°34'14" ♍	-00°02'24"	-00°39'47"	00°58'33"	0.713
05/08/2050 00:00:00	♍	24°06'34" ♎	-19°48'44"	-06°43'26"	-00°13'44"	0.382
05/08/2050 00:00:00	♋	14°51'58" ♎	16°57'27"	00°36'54"	00°13'12"	6.328
05/08/2050 00:00:00	♌	05°01'39" ♎	-19°32'56"	-00°33'45"	-00°04'24"	8.947
05/08/2050 00:00:00	♍	18°45'43" ♍	05°07'16"	00°44'07"	00°03'13"	19.095
05/08/2050 00:00:00	♎	28°11'18" ♎	18°05'35"	-01°41'55"	00°00'52"	30.070
05/08/2050 00:00:00	♏	10°07'49" ♋	-20°01'20"	-13°17'07"	-00°01'05"	40.690
05/08/2050 00:00:00	♏	16°37'59" ♍	-16°48'09"	00°00'00"	-00°09'01"	0.003
05/08/2050 00:00:00	♋	05°31'42" ♎	-16°31'15"	04°46'12"	-00°00'08"	9.460

Ephemerides year 2050

05/08/2050 00:00:00	☾	12°00'51" ♎	02°45'11"	-04°38'51"	00°06'42"	0.003
05/08/2050 00:00:00	♄	16°37'59" ♎	-16°48'09"	00°00'00"	-00°09'01"	0.003
05/08/2050 00:00:00	♄	26°31'08" ♏	08°01'20"	-04°56'19"	-01°49'01"	0.003
05/08/2050 00:00:00	X	01°35'52" ♏	06°51'54"	-05°29'40"	-00°00'05"	92.624
05/08/2050 00:00:00	Y	18°57'01" ♀	12°06'37"	-10°53'45"	00°00'33"	78.635
06/08/2050 00:00:00	☉	13°46'04" ♏	16°41'16"	00°00'00"	00°57'26"	1.014
06/08/2050 00:00:00	☾	24°48'13" ♏	01°33'23"	03°56'34"	14°52'16"	0.002
06/08/2050 00:00:00	♀	08°42'52" ♎	05°35'27"	-02°55'10"	00°25'42"	0.746
06/08/2050 00:00:00	♀	29°32'35" ♎	-00°31'15"	-00°45'56"	00°58'09"	0.705
06/08/2050 00:00:00	♂	23°52'38" ♏	-19°55'01"	-06°45'04"	-00°14'08"	0.380
06/08/2050 00:00:00	♃	15°05'11" ♏	16°53'39"	00°36'59"	00°13'12"	6.329
06/08/2050 00:00:00	♃	04°57'15" ♏	-19°34'05"	-00°33'50"	-00°04'23"	8.949
06/08/2050 00:00:00	♃	18°48'57" ♎	05°05'59"	00°44'06"	00°03'15"	19.104
06/08/2050 00:00:00	♃	28°12'09" ♏	18°05'43"	-01°41'58"	00°00'50"	30.053
06/08/2050 00:00:00	♃	10°06'43" ♏	-20°01'56"	-13°17'19"	-00°01'06"	40.683
06/08/2050 00:00:00	♄	16°30'06" ♎	-16°45'54"	00°00'00"	-00°06'38"	0.003
06/08/2050 00:00:00	♃	05°31'36" ♏	-16°31'30"	04°45'56"	-00°00'02"	9.477
06/08/2050 00:00:00	☾	12°07'33" ♎	02°43'01"	-04°38'28"	00°06'42"	0.003
06/08/2050 00:00:00	♄	16°30'06" ♎	-16°45'54"	00°00'00"	-00°06'38"	0.003

Ephemerides year 2050

06/08/2050 00:00:00	T♄	24°33'58" ♏	08°38'14"	-04°58'12"	-02°04'56"	0.003
06/08/2050 00:00:00	X	01°35'46" ♂	06°51'51"	-05°29'41"	-00°00'05"	92.607
06/08/2050 00:00:00	Y	18°57'35" ♀	12°06'33"	-10°53'51"	00°00'33"	78.621
07/08/2050 00:00:00	☉	14°43'32" ♏	16°24'38"	00°00'00"	00°57'28"	1.014
07/08/2050 00:00:00	☾	09°30'47" ♏	06°32'50"	03°01'24"	14°32'00"	0.002
07/08/2050 00:00:00	♀	09°06'21" ♏	05°15'39"	-03°07'06"	00°21'13"	0.733
07/08/2050 00:00:00	♀	00°30'33" ♏	-01°00'02"	-00°52'11"	00°57'45"	0.697
07/08/2050 00:00:00	♂	23°38'18" ♏	-20°01'15"	-06°46'33"	-00°14'30"	0.379
07/08/2050 00:00:00	♃	15°18'24" ♏	16°49'49"	00°37'03"	00°13'12"	6.329
07/08/2050 00:00:00	♅	04°52'53" ♏	-19°35'12"	-00°33'54"	-00°04'21"	8.952
07/08/2050 00:00:00	♁	18°52'13" ♏	05°04'41"	00°44'04"	00°03'16"	19.114
07/08/2050 00:00:00	♃	28°12'58" ♂	18°05'51"	-01°42'01"	00°00'48"	30.037
07/08/2050 00:00:00	♁	10°05'36" ♏	-20°02'32"	-13°17'30"	-00°01'07"	40.677
07/08/2050 00:00:00	♁	16°24'48" ♏	-16°44'23"	00°00'00"	-00°03'59"	0.003
07/08/2050 00:00:00	♁	05°31'37" ♏	-16°31'46"	04°45'40"	00°00'03"	9.494
07/08/2050 00:00:00	♁	12°14'16" ♏	02°40'50"	-04°38'05"	00°06'42"	0.003
07/08/2050 00:00:00	T♁	16°24'48" ♏	-16°44'23"	00°00'00"	-00°03'59"	0.003
07/08/2050 00:00:00	T♄	22°25'19" ♏	09°18'01"	-04°59'59"	-02°08'45"	0.003
07/08/2050 00:00:00	X	01°35'40" ♂	06°51'48"	-05°29'43"	-00°00'06"	92.590

Ephemerides year 2050

07/08/2050 00:00:00	Y	18°58'08" ♀	12°06'30"	-10°53'58"	00°00'32"	78.607
08/08/2050 00:00:00	☉	15°41'00" ♀	16°07'45"	00°00'00"	00°57'29"	1.014
08/08/2050 00:00:00	☾	23°51'07" ♀	11°02'54"	01°55'55"	14°08'22"	0.002
08/08/2050 00:00:00	♁	09°25'15" ♀	04°57'46"	-03°18'47"	00°16'32"	0.720
08/08/2050 00:00:00	♂	01°28'06" ♀	-01°28'45"	-00°58'33"	00°57'20"	0.689
08/08/2050 00:00:00	♂	23°23'37" ♀	-20°07'25"	-06°47'50"	-00°14'50"	0.378
08/08/2050 00:00:00	♃	15°31'37" ♀	16°46'00"	00°37'08"	00°13'12"	6.330
08/08/2050 00:00:00	♄	04°48'32" ♀	-19°36'20"	-00°33'59"	-00°04'20"	8.955
08/08/2050 00:00:00	♅	18°55'30" ♀	05°03'23"	00°44'03"	00°03'18"	19.123
08/08/2050 00:00:00	♆	28°13'46" ♀	18°05'59"	-01°42'04"	00°00'46"	30.020
08/08/2050 00:00:00	♇	10°04'29" ♀	-20°03'08"	-13°17'40"	-00°01'07"	40.671
08/08/2050 00:00:00	♈	16°22'01" ♀	-16°43'35"	00°00'00"	-00°01'41"	0.003
08/08/2050 00:00:00	♉	05°31'43" ♀	-16°32'03"	04°45'24"	00°00'09"	9.511
08/08/2050 00:00:00	♊	12°20'58" ♀	02°38'39"	-04°37'42"	00°06'42"	0.003
08/08/2050 00:00:00	T♋	16°22'01" ♀	-16°43'35"	00°00'00"	-00°01'41"	0.003
08/08/2050 00:00:00	T♌	20°25'59" ♀	09°54'15"	-05°01'17"	-01°44'29"	0.003
08/08/2050 00:00:00	X	01°35'34" ♀	06°51'44"	-05°29'44"	-00°00'06"	92.573
08/08/2050 00:00:00	Y	18°58'40" ♀	12°06'26"	-10°54'04"	00°00'31"	78.593
09/08/2050 00:00:00	☉	16°38'31" ♀	15°50'35"	00°00'00"	00°57'30"	1.014

Ephemerides year 2050

09/08/2050 00:00:00	♃	07°47'21" ♄	14°48'50"	00°45'07"	13°44'13"	0.003
09/08/2050 00:00:00	♆	09°39'22" ♃	04°41'56"	-03°30'10"	00°11'40"	0.708
09/08/2050 00:00:00	♀	02°25'14" ♁	-01°57'24"	-01°05'01"	00°56'54"	0.681
09/08/2050 00:00:00	♂	23°08'38" ♁	-20°13'31"	-06°48'56"	-00°15'08"	0.377
09/08/2050 00:00:00	♃	15°44'50" ♃	16°42'08"	00°37'12"	00°13'13"	6.330
09/08/2050 00:00:00	♃	04°44'12" ♁	-19°37'27"	-00°34'03"	-00°04'19"	8.958
09/08/2050 00:00:00	♃	18°58'49" ♃	05°02'03"	00°44'02"	00°03'19"	19.132
09/08/2050 00:00:00	♃	28°14'31" ♄	18°06'05"	-01°42'08"	00°00'44"	30.004
09/08/2050 00:00:00	♃	10°03'21" ♃	-20°03'44"	-13°17'51"	-00°01'08"	40.665
09/08/2050 00:00:00	♃	16°21'07" ♃	-16°43'20"	00°00'00"	-00°00'16"	0.003
09/08/2050 00:00:00	♃	05°31'55" ♃	-16°32'21"	04°45'08"	00°00'14"	9.528
09/08/2050 00:00:00	♃	12°27'41" ♃	02°36'29"	-04°37'18"	00°06'42"	0.003
09/08/2050 00:00:00	♃	16°21'07" ♃	-16°43'20"	00°00'00"	-00°00'16"	0.003
09/08/2050 00:00:00	♃	19°06'46" ♃	10°17'57"	-05°01'58"	-00°49'28"	0.003
09/08/2050 00:00:00	X	01°35'27" ♄	06°51'40"	-05°29'46"	-00°00'07"	92.557
09/08/2050 00:00:00	Y	18°59'11" ♃	12°06'21"	-10°54'11"	00°00'31"	78.579
10/08/2050 00:00:00	♃	17°36'02" ♃	15°33'10"	00°00'00"	00°57'32"	1.014
10/08/2050 00:00:00	♃	21°20'05" ♄	17°39'52"	-00°26'20"	13°21'38"	0.003
10/08/2050 00:00:00	♆	09°48'32" ♃	04°28'20"	-03°41'09"	00°06'37"	0.696



Ephemerides year 2050

10/08/2050 00:00:00	♀	03°21'56" ♈	-02°25'57"	-01°11'35"	00°56'28"	0.673
10/08/2050 00:00:00	♂	22°53'22" ♏	-20°19'30"	-06°49'51"	-00°15'23"	0.376
10/08/2050 00:00:00	♃	15°58'03" ♈	16°38'16"	00°37'17"	00°13'13"	6.329
10/08/2050 00:00:00	♅	04°39'54" ♏	-19°38'33"	-00°34'07"	-00°04'17"	8.961
10/08/2050 00:00:00	♁	19°02'10" ♉	05°00'44"	00°44'00"	00°03'21"	19.140
10/08/2050 00:00:00	♃	28°15'15" ♈	18°06'12"	-01°42'11"	00°00'42"	29.987
10/08/2050 00:00:00	♅	10°02'12" ♏	-20°04'20"	-13°18'01"	-00°01'08"	40.659
10/08/2050 00:00:00	♁	16°21'03" ♉	-16°43'19"	00°00'00"	-00°00'03"	0.003
10/08/2050 00:00:00	♃	05°32'13" ♈	-16°32'40"	04°44'51"	00°00'20"	9.545
10/08/2050 00:00:00	♁	12°34'23" ♉	02°34'18"	-04°36'55"	00°06'42"	0.003
10/08/2050 00:00:00	T♁	16°21'03" ♉	-16°43'19"	00°00'00"	-00°00'03"	0.003
10/08/2050 00:00:00	T♃	18°53'22" ♈	10°21'55"	-05°02'04"	00°24'23"	0.003
10/08/2050 00:00:00	X	01°35'19" ♈	06°51'36"	-05°29'47"	-00°00'08"	92.540
10/08/2050 00:00:00	Y	18°59'42" ♀	12°06'17"	-10°54'17"	00°00'30"	78.564
11/08/2050 00:00:00	☾	18°33'35" ♈	15°15'30"	00°00'00"	00°57'33"	1.014
11/08/2050 00:00:00	♃	04°31'34" ♀	19°29'20"	-01°34'31"	13°01'50"	0.003
11/08/2050 00:00:00	♁	09°52'33" ♉	04°17'06"	-03°51'39"	00°01'24"	0.685
11/08/2050 00:00:00	♀	04°18'11" ♈	-02°54'25"	-01°18'15"	00°56'01"	0.665
11/08/2050 00:00:00	♂	22°37'52" ♏	-20°25'22"	-06°50'34"	-00°15'35"	0.376

Ephemerides year 2050

11/08/2050 00:00:00	♃	16°11'16" ♏	16°34'24"	00°37'21"	00°13'12"	6.329
11/08/2050 00:00:00	♅	04°35'37" ♎	-19°39'39"	-00°34'12"	-00°04'15"	8.965
11/08/2050 00:00:00	♁	19°05'32" ♏	04°59'23"	00°43'59"	00°03'22"	19.149
11/08/2050 00:00:00	♆	28°15'57" ♏	18°06'18"	-01°42'14"	00°00'40"	29.971
11/08/2050 00:00:00	♁	10°01'03" ♎	-20°04'56"	-13°18'11"	-00°01'09"	40.654
11/08/2050 00:00:00	♏	16°20'34" ♏	-16°43'10"	00°00'00"	-00°01'05"	0.003
11/08/2050 00:00:00	♄	05°32'36" ♎	-16°33'00"	04°44'35"	00°00'26"	9.563
11/08/2050 00:00:00	♁	12°41'06" ♏	02°32'07"	-04°36'31"	00°06'42"	0.003
11/08/2050 00:00:00	♏♁	16°20'34" ♏	-16°43'10"	00°00'00"	-00°01'05"	0.003
11/08/2050 00:00:00	♁♄	19°56'06" ♏	10°03'12"	-05°01'35"	01°40'05"	0.003
11/08/2050 00:00:00	X	01°35'10" ♏	06°51'32"	-05°29'48"	-00°00'08"	92.523
11/08/2050 00:00:00	Y	19°00'13" ♏	12°06'13"	-10°54'24"	00°00'30"	78.549
12/08/2050 00:00:00	♁	19°31'10" ♏	14°57'36"	-00°00'00"	00°57'35"	1.013
12/08/2050 00:00:00	♁	17°24'50" ♏	20°14'36"	-02°36'12"	12°45'12"	0.003
12/08/2050 00:00:00	♁	09°51'18" ♏	04°08'23"	-04°01'33"	-00°03'56"	0.674
12/08/2050 00:00:00	♁	05°13'58" ♏	-03°22'45"	-01°25'01"	00°55'32"	0.657
12/08/2050 00:00:00	♁	22°22'12" ♎	-20°31'06"	-06°51'05"	-00°15'45"	0.375
12/08/2050 00:00:00	♃	16°24'29" ♏	16°30'31"	00°37'26"	00°13'12"	6.328
12/08/2050 00:00:00	♅	04°31'22" ♎	-19°40'44"	-00°34'16"	-00°04'13"	8.969

Ephemerides year 2050

12/08/2050 00:00:00	♃	19°08'55"	♍	04°58'02"	00°43'58"	00°03'24"	19.157
12/08/2050 00:00:00	♃	28°16'37"	♏	18°06'24"	-01°42'17"	00°00'39"	29.954
12/08/2050 00:00:00	♃	09°59'53"	♄	-20°05'31"	-13°18'20"	-00°01'10"	40.649
12/08/2050 00:00:00	♁	16°18'30"	♍	-16°42'35"	00°00'00"	-00°03'10"	0.003
12/08/2050 00:00:00	♃	05°33'06"	♂	-16°33'21"	04°44'18"	00°00'32"	9.580
12/08/2050 00:00:00	♁	12°47'48"	♍	02°29'57"	-04°36'08"	00°06'42"	0.003
12/08/2050 00:00:00	T♁	16°18'30"	♍	-16°42'35"	00°00'00"	-00°03'10"	0.003
12/08/2050 00:00:00	T♁	22°09'37"	♁	09°22'46"	-05°00'14"	02°44'10"	0.003
12/08/2050 00:00:00	X	01°35'01"	♏	06°51'28"	-05°29'50"	-00°00'09"	92.507
12/08/2050 00:00:00	Y	19°00'43"	♁	12°06'08"	-10°54'31"	00°00'29"	78.534
13/08/2050 00:00:00	♁	20°28'45"	♁	14°39'27"	-00°00'00"	00°57'36"	1.013
13/08/2050 00:00:00	♃	00°03'02"	♁	19°56'58"	-03°28'52"	12°31'39"	0.003
13/08/2050 00:00:00	♁	09°44'38"	♍	04°02'20"	-04°10'45"	-00°09'23"	0.664
13/08/2050 00:00:00	♁	06°09'16"	♁	-03°50'59"	-01°31'53"	00°55'03"	0.649
13/08/2050 00:00:00	♂	22°06'23"	♄	-20°36'40"	-06°51'24"	-00°15'51"	0.375
13/08/2050 00:00:00	♁	16°37'41"	♁	16°26'37"	00°37'31"	00°13'12"	6.328
13/08/2050 00:00:00	♁	04°27'10"	♄	-19°41'48"	-00°34'20"	-00°04'11"	8.974
13/08/2050 00:00:00	♃	19°12'20"	♍	04°56'41"	00°43'57"	00°03'25"	19.165
13/08/2050 00:00:00	♃	28°17'15"	♏	18°06'29"	-01°42'21"	00°00'37"	29.937

Ephemerides year 2050

13/08/2050 00:00:00	♁	09°58'43" ♋	-20°06'07"	-13°18'29"	-00°01'10"	40.644
13/08/2050 00:00:00	♁	16°14'00" ♎	-16°41'17"	00°00'00"	-00°05'54"	0.003
13/08/2050 00:00:00	♊	05°33'41" ♈	-16°33'44"	04°44'02"	00°00'38"	9.597
13/08/2050 00:00:00	♁	12°54'31" ♎	02°27'46"	-04°35'44"	00°06'42"	0.003
13/08/2050 00:00:00	♁	16°14'00" ♎	-16°41'17"	00°00'00"	-00°05'54"	0.003
13/08/2050 00:00:00	♁	25°17'56" ♎	08°24'26"	-04°57'33"	03°28'52"	0.003
13/08/2050 00:00:00	♁	01°34'52" ♋	06°51'23"	-05°29'51"	-00°00'09"	92.491
13/08/2050 00:00:00	♁	19°01'12" ♉	12°06'04"	-10°54'37"	00°00'28"	78.519
14/08/2050 00:00:00	♁	21°26'22" ♎	14°21'04"	-00°00'00"	00°57'37"	1.013
14/08/2050 00:00:00	♁	12°29'03" ♎	18°41'08"	-04°10'37"	12°20'45"	0.003
14/08/2050 00:00:00	♁	09°32'29" ♎	03°59'06"	-04°19'07"	-00°14'54"	0.655
14/08/2050 00:00:00	♁	07°04'04" ♎	-04°19'04"	-01°38'51"	00°54'33"	0.641
14/08/2050 00:00:00	♁	21°50'29" ♋	-20°42'04"	-06°51'31"	-00°15'55"	0.374
14/08/2050 00:00:00	♁	16°50'53" ♎	16°22'42"	00°37'36"	00°13'11"	6.327
14/08/2050 00:00:00	♁	04°22'59" ♋	-19°42'52"	-00°34'24"	-00°04'09"	8.978
14/08/2050 00:00:00	♁	19°15'46" ♎	04°55'19"	00°43'56"	00°03'26"	19.173
14/08/2050 00:00:00	♁	28°17'51" ♋	18°06'33"	-01°42'24"	00°00'35"	29.921
14/08/2050 00:00:00	♁	09°57'32" ♋	-20°06'43"	-13°18'38"	-00°01'11"	40.639
14/08/2050 00:00:00	♁	16°06'38" ♎	-16°39'10"	00°00'00"	-00°08'48"	0.003

Ephemerides year 2050

14/08/2050 00:00:00	♄	05°34'23" ♄	-16°34'07"	04°43'45"	00°00'44"	9.615
14/08/2050 00:00:00	♁	13°01'13" ♃	02°25'36"	-04°35'20"	00°06'42"	0.003
14/08/2050 00:00:00	♁♃	16°06'38" ♃	-16°39'10"	00°00'00"	-00°08'48"	0.003
14/08/2050 00:00:00	♁♁	28°59'49" ♁	07°13'59"	-04°53'13"	03°51'03"	0.003
14/08/2050 00:00:00	X	01°34'42" ♄	06°51'19"	-05°29'52"	-00°00'10"	92.474
14/08/2050 00:00:00	Y	19°01'40" ♃	12°05'59"	-10°54'44"	00°00'28"	78.504
15/08/2050 00:00:00	♁	22°24'01" ♁	14°02'27"	-00°00'00"	00°57'39"	1.013
15/08/2050 00:00:00	♃	24°45'15" ♃	16°34'21"	-04°40'06"	12°11'57"	0.003
15/08/2050 00:00:00	♁♃	09°14'49" ♃	03°58'48"	-04°26'32"	-00°20'25"	0.646
15/08/2050 00:00:00	♀	07°58'22" ♃	-04°47'01"	-01°45'55"	00°54'01"	0.633
15/08/2050 00:00:00	♂	21°34'32" ♃	-20°47'16"	-06°51'25"	-00°15'56"	0.374
15/08/2050 00:00:00	♃	17°04'05" ♁	16°18'47"	00°37'41"	00°13'11"	6.325
15/08/2050 00:00:00	♃	04°18'50" ♃	-19°43'55"	-00°34'28"	-00°04'07"	8.983
15/08/2050 00:00:00	♃	19°19'14" ♃	04°53'57"	00°43'55"	00°03'28"	19.180
15/08/2050 00:00:00	♁	28°18'25" ♄	18°06'38"	-01°42'27"	00°00'33"	29.904
15/08/2050 00:00:00	♁	09°56'20" ♃	-20°07'18"	-13°18'47"	-00°01'11"	40.635
15/08/2050 00:00:00	♁	15°56'30" ♃	-16°36'15"	00°00'00"	-00°11'21"	0.003
15/08/2050 00:00:00	♄	05°35'10" ♄	-16°34'32"	04°43'28"	00°00'50"	9.632
15/08/2050 00:00:00	♁	13°07'56" ♃	02°23'25"	-04°34'56"	00°06'42"	0.003

Ephemerides year 2050

15/08/2050 00:00:00	T♄	15°56'30" ♍	-16°36'15"	00°00'00"	-00°11'21"	0.003
15/08/2050 00:00:00	T♄	02°52'41" ♍	05°58'19"	-04°47'20"	03°51'16"	0.003
15/08/2050 00:00:00	X	01°34'31" ♂	06°51'14"	-05°29'54"	-00°00'11"	92.458
15/08/2050 00:00:00	Y	19°02'08" ♀	12°05'54"	-10°54'51"	00°00'27"	78.489
16/08/2050 00:00:00	☉	23°21'41" ♋	13°43'37"	-00°00'00"	00°57'40"	1.013
16/08/2050 00:00:00	☾	06°53'30" ♋	13°45'26"	-04°56'28"	12°04'45"	0.003
16/08/2050 00:00:00	☿	08°51'40" ♍	04°01'31"	-04°32'51"	-00°25'50"	0.638
16/08/2050 00:00:00	♀	08°52'08" ♋	-05°14'49"	-01°53'04"	00°53'29"	0.625
16/08/2050 00:00:00	♂	21°18'36" ♋	-20°52'15"	-06°51'08"	-00°15'54"	0.374
16/08/2050 00:00:00	♃	17°17'16" ♋	16°14'52"	00°37'46"	00°13'10"	6.324
16/08/2050 00:00:00	♅	04°14'44" ♋	-19°44'58"	-00°34'32"	-00°04'05"	8.989
16/08/2050 00:00:00	♁	19°22'43" ♍	04°52'34"	00°43'53"	00°03'29"	19.188
16/08/2050 00:00:00	♆	28°18'58" ♂	18°06'42"	-01°42'30"	00°00'31"	29.887
16/08/2050 00:00:00	♁	09°55'08" ♋	-20°07'53"	-13°18'55"	-00°01'12"	40.631
16/08/2050 00:00:00	♁	15°44'10" ♍	-16°32'41"	00°00'00"	-00°13'08"	0.003
16/08/2050 00:00:00	♃	05°36'03" ♂	-16°34'58"	04°43'12"	00°00'55"	9.650
16/08/2050 00:00:00	♄	13°14'38" ♍	02°21'15"	-04°34'31"	00°06'42"	0.003
16/08/2050 00:00:00	T♄	15°44'10" ♍	-16°32'41"	00°00'00"	-00°13'08"	0.003
16/08/2050 00:00:00	T♄	06°36'34" ♍	04°44'11"	-04°40'25"	03°34'14"	0.003

Ephemerides year 2050

16/08/2050 00:00:00	X	01°34'19" ♃	06°51'09"	-05°29'55"	-00°00'11"	92.442
16/08/2050 00:00:00	Y	19°02'35" ♀	12°05'49"	-10°54'58"	00°00'26"	78.473
17/08/2050 00:00:00	☉	24°19'22" ♈	13°24'34"	-00°00'00"	00°57'41"	1.013
17/08/2050 00:00:00	☾	18°55'12" ♈	10°23'53"	-04°59'26"	11°58'50"	0.003
17/08/2050 00:00:00	♀	08°23'11" ♍	04°07'21"	-04°37'55"	-00°31'05"	0.631
17/08/2050 00:00:00	♀	09°45'20" ♋	-05°42'26"	-02°00'19"	00°52'55"	0.617
17/08/2050 00:00:00	♂	21°02'44" ♎	-20°57'01"	-06°50'38"	-00°15'49"	0.374
17/08/2050 00:00:00	♃	17°30'27" ♈	16°10'56"	00°37'51"	00°13'10"	6.322
17/08/2050 00:00:00	♅	04°10'40" ♎	-19°46'00"	-00°34'36"	-00°04'02"	8.994
17/08/2050 00:00:00	♁	19°26'12" ♉	04°51'11"	00°43'52"	00°03'30"	19.195
17/08/2050 00:00:00	♃	28°19'28" ♈	18°06'45"	-01°42'34"	00°00'29"	29.870
17/08/2050 00:00:00	♁	09°53'56" ♉	-20°08'29"	-13°19'03"	-00°01'12"	40.627
17/08/2050 00:00:00	♁	15°30'34" ♉	-16°28'44"	00°00'00"	-00°13'52"	0.003
17/08/2050 00:00:00	♁	05°37'02" ♉	-16°35'24"	04°42'55"	00°01'01"	9.668
17/08/2050 00:00:00	♁	13°21'21" ♉	02°19'05"	-04°34'07"	00°06'42"	0.003
17/08/2050 00:00:00	T♁	15°30'34" ♉	-16°28'44"	00°00'00"	-00°13'52"	0.003
17/08/2050 00:00:00	T♁	09°58'16" ♉	03°36'28"	-04°33'09"	03°08'34"	0.003
17/08/2050 00:00:00	X	01°34'07" ♃	06°51'04"	-05°29'56"	-00°00'12"	92.426
17/08/2050 00:00:00	Y	19°03'01" ♀	12°05'44"	-10°55'05"	00°00'25"	78.458

Ephemerides year 2050

18/08/2050 00:00:00	☉	25°17'04" ♈	13°05'18"	-00°00'00"	00°57'42"	1.012
18/08/2050 00:00:00	☾	00°51'35" ♎	06°39'10"	-04°49'11"	11°54'08"	0.003
18/08/2050 00:00:00	♀	07°49'34" ♎	04°16'19"	-04°41'37"	-00°36'04"	0.625
18/08/2050 00:00:00	♀	10°37'58" ♋	-06°09'52"	-02°07'39"	00°52'20"	0.609
18/08/2050 00:00:00	♂	20°46'58" ♋	-21°01'32"	-06°49'56"	-00°15'41"	0.374
18/08/2050 00:00:00	♃	17°43'36" ♈	16°06'59"	00°37'57"	00°13'09"	6.321
18/08/2050 00:00:00	♅	04°06'39" ♋	-19°47'00"	-00°34'40"	-00°04'00"	9.000
18/08/2050 00:00:00	♁	19°29'43" ♎	04°49'47"	00°43'51"	00°03'31"	19.202
18/08/2050 00:00:00	♃	28°19'56" ♋	18°06'48"	-01°42'37"	00°00'27"	29.853
18/08/2050 00:00:00	♁	09°52'43" ♋	-20°09'04"	-13°19'10"	-00°01'13"	40.624
18/08/2050 00:00:00	♁	15°16'49" ♎	-16°24'44"	00°00'00"	-00°13'26"	0.003
18/08/2050 00:00:00	♃	05°38'06" ♋	-16°35'52"	04°42'38"	00°01'07"	9.686
18/08/2050 00:00:00	♁	13°28'03" ♎	02°16'54"	-04°33'43"	00°06'42"	0.003
18/08/2050 00:00:00	T♁	15°16'49" ♎	-16°24'44"	00°00'00"	-00°13'26"	0.003
18/08/2050 00:00:00	T♃	12°54'11" ♎	02°36'48"	-04°26'05"	02°44'11"	0.003
18/08/2050 00:00:00	X	01°33'54" ♋	06°50'58"	-05°29'57"	-00°00'13"	92.410
18/08/2050 00:00:00	Y	19°03'27" ♀	12°05'39"	-10°55'13"	00°00'25"	78.442
19/08/2050 00:00:00	☉	26°14'48" ♈	12°45'50"	-00°00'00"	00°57'44"	1.012
19/08/2050 00:00:00	☾	12°43'56" ♎	02°40'26"	-04°26'23"	11°50'49"	0.003



Ephemerides year 2050

19/08/2050 00:00:00	♀	07°11'09" ♍	04°28'24"	-04°43'47"	-00°40'40"	0.621
19/08/2050 00:00:00	♀	11°30'01" ♋	-06°37'07"	-02°15'05"	00°51'44"	0.601
19/08/2050 00:00:00	♂	20°31'22" ♎	-21°05'47"	-06°49'02"	-00°15'30"	0.375
19/08/2050 00:00:00	♋	17°56'45" ♏	16°03'03"	00°38'02"	00°13'08"	6.319
19/08/2050 00:00:00	♌	04°02'40" ♎	-19°48'01"	-00°34'44"	-00°03'57"	9.006
19/08/2050 00:00:00	♌	19°33'16" ♎	04°48'23"	00°43'50"	00°03'32"	19.208
19/08/2050 00:00:00	♍	28°20'22" ♏	18°06'51"	-01°42'40"	00°00'25"	29.836
19/08/2050 00:00:00	♌	09°51'30" ♎	-20°09'39"	-13°19'17"	-00°01'13"	40.621
19/08/2050 00:00:00	♏	15°04'03" ♎	-16°21'00"	00°00'00"	-00°11'54"	0.003
19/08/2050 00:00:00	♏	05°39'17" ♎	-16°36'21"	04°42'21"	00°01'13"	9.703
19/08/2050 00:00:00	♏	13°34'45" ♎	02°14'44"	-04°33'18"	00°06'42"	0.003
19/08/2050 00:00:00	T♏	15°04'03" ♎	-16°21'00"	00°00'00"	-00°11'54"	0.003
19/08/2050 00:00:00	T♏	15°29'15" ♎	01°43'49"	-04°19'23"	02°27'23"	0.003
19/08/2050 00:00:00	X	01°33'41" ♏	06°50'52"	-05°29'58"	-00°00'13"	92.395
19/08/2050 00:00:00	Y	19°03'52" ♎	12°05'34"	-10°55'20"	00°00'24"	78.426
20/08/2050 00:00:00	♏	27°12'33" ♏	12°26'10"	-00°00'00"	00°57'45"	1.012
20/08/2050 00:00:00	♎	24°33'51" ♎	-01°23'35"	-03°52'05"	11°49'20"	0.003
20/08/2050 00:00:00	♀	06°28'23" ♎	04°43'32"	-04°44'19"	-00°44'45"	0.617
20/08/2050 00:00:00	♀	12°21'26" ♋	-07°04'10"	-02°22'36"	00°51'06"	0.594

Ephemerides year 2050

20/08/2050 00:00:00	♂	20°15'59" ♊	-21°09'46"	-06°47'56"	-00°15'16"	0.375
20/08/2050 00:00:00	♃	18°09'54" ♏	15°59'05"	00°38'07"	00°13'07"	6.316
20/08/2050 00:00:00	♅	03°58'44" ♊	-19°49'00"	-00°34'47"	-00°03'54"	9.012
20/08/2050 00:00:00	♁	19°36'49" ♎	04°46'58"	00°43'50"	00°03'33"	19.215
20/08/2050 00:00:00	♃	28°20'46" ♏	18°06'53"	-01°42'44"	00°00'23"	29.820
20/08/2050 00:00:00	♁	09°50'16" ♋	-20°10'13"	-13°19'24"	-00°01'13"	40.618
20/08/2050 00:00:00	♏	14°53'15" ♎	-16°17'51"	00°00'00"	-00°09'34"	0.003
20/08/2050 00:00:00	♃	05°40'33" ♏	-16°36'50"	04°42'04"	00°01'19"	9.721
20/08/2050 00:00:00	♁	13°41'28" ♎	02°12'34"	-04°32'53"	00°06'42"	0.003
20/08/2050 00:00:00	T♏	14°53'15" ♎	-16°17'51"	00°00'00"	-00°09'34"	0.003
20/08/2050 00:00:00	T♁	17°51'28" ♎	00°54'54"	-04°12'54"	02°17'55"	0.003
20/08/2050 00:00:00	X	01°33'27" ♏	06°50'47"	-05°30'00"	-00°00'14"	92.379
20/08/2050 00:00:00	Y	19°04'16" ♀	12°05'29"	-10°55'27"	00°00'23"	78.411
21/08/2050 00:00:00	♁	28°10'19" ♏	12°06'18"	-00°00'00"	00°57'46"	1.012
21/08/2050 00:00:00	♃	06°23'26" ♉	-05°24'32"	-03°07'41"	11°50'18"	0.003
21/08/2050 00:00:00	♁	05°41'50" ♎	05°01'36"	-04°43'06"	-00°48'12"	0.615
21/08/2050 00:00:00	♀	13°12'13" ♉	-07°31'00"	-02°30'11"	00°50'27"	0.586
21/08/2050 00:00:00	♂	20°00'50" ♊	-21°13'28"	-06°46'39"	-00°14'59"	0.376
21/08/2050 00:00:00	♃	18°23'01" ♏	15°55'07"	00°38'13"	00°13'06"	6.314

Ephemerides year 2050

21/08/2050 00:00:00	♃	03°54'51" ♉	-19°49'58"	-00°34'51"	-00°03'51"	9.019
21/08/2050 00:00:00	♃	19°40'23" ♉	04°45'33"	00°43'49"	00°03'34"	19.221
21/08/2050 00:00:00	♃	28°21'09" ♉	18°06'54"	-01°42'47"	00°00'21"	29.803
21/08/2050 00:00:00	♃	09°49'02" ♉	-20°10'48"	-13°19'31"	-00°01'14"	40.615
21/08/2050 00:00:00	♃	14°45'03" ♉	-16°15'26"	00°00'00"	-00°06'47"	0.003
21/08/2050 00:00:00	♃	05°41'55" ♉	-16°37'21"	04°41'47"	00°01'25"	9.739
21/08/2050 00:00:00	♃	13°48'10" ♉	02°10'24"	-04°32'28"	00°06'42"	0.003
21/08/2050 00:00:00	♃	14°45'03" ♉	-16°15'26"	00°00'00"	-00°06'47"	0.003
21/08/2050 00:00:00	♃	20°05'45" ♉	00°08'31"	-04°06'31"	02°10'23"	0.003
21/08/2050 00:00:00	X	01°33'12" ♉	06°50'40"	-05°30'01"	-00°00'14"	92.364
21/08/2050 00:00:00	Y	19°04'40" ♉	12°05'23"	-10°55'34"	00°00'23"	78.395
22/08/2050 00:00:00	♃	29°08'06" ♉	11°46'14"	-00°00'00"	00°57'47"	1.012
22/08/2050 00:00:00	♃	18°15'30" ♉	-09°14'05"	-02°14'52"	11°54'25"	0.003
22/08/2050 00:00:00	♃	04°52'12" ♉	05°22'24"	-04°40'02"	-00°50'54"	0.614
22/08/2050 00:00:00	♃	14°02'20" ♉	-07°57'36"	-02°37'52"	00°49'46"	0.578
22/08/2050 00:00:00	♃	19°46'00" ♉	-21°16'52"	-06°45'10"	-00°14'40"	0.377
22/08/2050 00:00:00	♃	18°36'07" ♉	15°51'09"	00°38'18"	00°13'05"	6.311
22/08/2050 00:00:00	♃	03°51'02" ♉	-19°50'56"	-00°34'54"	-00°03'48"	9.026
22/08/2050 00:00:00	♃	19°43'58" ♉	04°44'08"	00°43'48"	00°03'35"	19.226

Ephemerides year 2050

22/08/2050 00:00:00	♁	28°21'29"	♄	18°06'56"	-01°42'50"	00°00'19"	29.786
22/08/2050 00:00:00	♁	09°47'48"	♃	-20°11'22"	-13°19'37"	-00°01'14"	40.613
22/08/2050 00:00:00	♁	14°39'41"	♃	-16°13'51"	00°00'00"	-00°04'00"	0.003
22/08/2050 00:00:00	♁	05°43'23"	♂	-16°37'53"	04°41'30"	00°01'30"	9.757
22/08/2050 00:00:00	♁	13°54'52"	♃	02°08'14"	-04°32'03"	00°06'42"	0.003
22/08/2050 00:00:00	T♁	14°39'41"	♃	-16°13'51"	00°00'00"	-00°04'00"	0.003
22/08/2050 00:00:00	T♁	22°10'36"	♃	-00°34'42"	-04°00'19"	01°57'57"	0.003
22/08/2050 00:00:00	X	01°32'57"	♄	06°50'34"	-05°30'02"	-00°00'15"	92.348
22/08/2050 00:00:00	Y	19°05'02"	♁	12°05'17"	-10°55'42"	00°00'22"	78.379
23/08/2050 00:00:00	♁	00°05'54"	♃	11°26'00"	00°00'00"	00°57'49"	1.011
23/08/2050 00:00:00	♁	00°13'36"	♃	-12°43'36"	-01°15'33"	12°02'26"	0.003
23/08/2050 00:00:00	♁	04°00'20"	♃	05°45'40"	-04°35'05"	-00°52'42"	0.615
23/08/2050 00:00:00	♁	14°51'45"	♁	-08°23'57"	-02°45'38"	00°49'03"	0.570
23/08/2050 00:00:00	♁	19°31'31"	♃	-21°19'58"	-06°43'29"	-00°14'17"	0.378
23/08/2050 00:00:00	♁	18°49'12"	♁	15°47'11"	00°38'24"	00°13'04"	6.308
23/08/2050 00:00:00	♁	03°47'15"	♃	-19°51'53"	-00°34'58"	-00°03'44"	9.033
23/08/2050 00:00:00	♁	19°47'35"	♃	04°42'42"	00°43'47"	00°03'36"	19.232
23/08/2050 00:00:00	♁	28°21'47"	♄	18°06'56"	-01°42'54"	00°00'17"	29.769
23/08/2050 00:00:00	♁	09°46'33"	♃	-20°11'57"	-13°19'42"	-00°01'14"	40.611

Ephemerides year 2050

23/08/2050 00:00:00	♁	14°36'53" ♃	-16°13'02"	00°00'00"	-00°01'40"	0.003
23/08/2050 00:00:00	♃	05°44'57" ♄	-16°38'25"	04°41'13"	00°01'36"	9.775
23/08/2050 00:00:00	♄	14°01'34" ♃	02°06'03"	-04°31'38"	00°06'42"	0.003
23/08/2050 00:00:00	♁	14°36'53" ♃	-16°13'02"	00°00'00"	-00°01'40"	0.003
23/08/2050 00:00:00	♄	23°58'12" ♃	-01°12'00"	-03°54'48"	01°35'10"	0.003
23/08/2050 00:00:00	X	01°32'41" ♄	06°50'28"	-05°30'03"	-00°00'16"	92.333
23/08/2050 00:00:00	Y	19°05'24" ♀	12°05'12"	-10°55'49"	00°00'21"	78.362
24/08/2050 00:00:00	♁	01°03'44" ♃	11°05'35"	00°00'00"	00°57'50"	1.011
24/08/2050 00:00:00	♃	12°21'55" ♃	-15°43'52"	-00°11'52"	12°14'59"	0.003
24/08/2050 00:00:00	♄	03°07'07" ♃	06°11'04"	-04°28'12"	-00°53'32"	0.618
24/08/2050 00:00:00	♂	15°40'27" ♀	-08°50'03"	-02°53'29"	00°48'19"	0.562
24/08/2050 00:00:00	♂	19°17'25" ♄	-21°22'45"	-06°41'38"	-00°13'53"	0.379
24/08/2050 00:00:00	♃	19°02'16" ♄	15°43'12"	00°38'30"	00°13'03"	6.305
24/08/2050 00:00:00	♄	03°43'32" ♄	-19°52'48"	-00°35'01"	-00°03'41"	9.041
24/08/2050 00:00:00	♃	19°51'12" ♃	04°41'16"	00°43'46"	00°03'37"	19.237
24/08/2050 00:00:00	♂	28°22'03" ♄	18°06'57"	-01°42'57"	00°00'15"	29.752
24/08/2050 00:00:00	♁	09°45'18" ♄	-20°12'31"	-13°19'48"	-00°01'14"	40.609
24/08/2050 00:00:00	♁	14°36'03" ♃	-16°12'47"	00°00'00"	-00°00'09"	0.003
24/08/2050 00:00:00	♃	05°46'36" ♄	-16°38'59"	04°40'56"	00°01'42"	9.793

Ephemerides year 2050

24/08/2050 00:00:00	☾	14°08'17" ♍	02°03'53"	-04°31'13"	00°06'42"	0.003
24/08/2050 00:00:00	♁	14°36'03" ♍	-16°12'47"	00°00'00"	-00°00'09"	0.003
24/08/2050 00:00:00	♁	25°16'30" ♍	-01°39'10"	-03°50'40"	00°59'08"	0.003
24/08/2050 00:00:00	X	01°32'25" ♄	06°50'21"	-05°30'04"	-00°00'16"	92.318
24/08/2050 00:00:00	Y	19°05'46" ♀	12°05'06"	-10°55'57"	00°00'21"	78.346
25/08/2050 00:00:00	☉	02°01'35" ♍	10°44'59"	00°00'00"	00°57'51"	1.011
25/08/2050 00:00:00	☾	24°45'12" ♍	-18°04'53"	00°53'43"	12°32'26"	0.003
25/08/2050 00:00:00	♀	02°13'36" ♍	06°38'13"	-04°19'27"	-00°53'18"	0.622
25/08/2050 00:00:00	♀	16°28'24" ♋	-09°15'53"	-03°01'24"	00°47'33"	0.555
25/08/2050 00:00:00	♂	19°03'46" ♋	-21°25'13"	-06°39'36"	-00°13'26"	0.380
25/08/2050 00:00:00	♃	19°15'19" ♋	15°39'13"	00°38'36"	00°13'02"	6.302
25/08/2050 00:00:00	♃	03°39'52" ♋	-19°53'43"	-00°35'05"	-00°03'37"	9.048
25/08/2050 00:00:00	♃	19°54'50" ♍	04°39'50"	00°43'45"	00°03'38"	19.242
25/08/2050 00:00:00	♃	28°22'18" ♄	18°06'56"	-01°43'00"	00°00'13"	29.735
25/08/2050 00:00:00	♃	09°44'03" ♃	-20°13'04"	-13°19'53"	-00°01'15"	40.607
25/08/2050 00:00:00	♁	14°36'12" ♍	-16°12'50"	00°00'00"	00°00'17"	0.003
25/08/2050 00:00:00	♃	05°48'22" ♄	-16°39'33"	04°40'39"	00°01'48"	9.811
25/08/2050 00:00:00	☾	14°14'59" ♍	02°01'43"	-04°30'47"	00°06'42"	0.003
25/08/2050 00:00:00	♁	14°36'12" ♍	-16°12'50"	00°00'00"	00°00'17"	0.003

Ephemerides year 2050

25/08/2050 00:00:00	T♄	25°52'07" ♍	-01°51'33"	-03°48'49"	00°10'11"	0.003
25/08/2050 00:00:00	X	01°32'08" ♂	06°50'15"	-05°30'05"	-00°00'17"	92.303
25/08/2050 00:00:00	Y	19°06'06" ♀	12°05'00"	-10°56'04"	00°00'20"	78.330
26/08/2050 00:00:00	☉	02°59'27" ♍	10°24'13"	00°00'00"	00°57'52"	1.011
26/08/2050 00:00:00	☾	07°28'26" ♂	-19°36'06"	01°58'26"	12°54'47"	0.003
26/08/2050 00:00:00	♀	01°20'52" ♍	07°06'41"	-04°08'52"	-00°51'58"	0.627
26/08/2050 00:00:00	♀	17°15'34" ♋	-09°41'26"	-03°09'23"	00°46'46"	0.547
26/08/2050 00:00:00	♂	18°50'34" ♋	-21°27'21"	-06°37'24"	-00°12'56"	0.382
26/08/2050 00:00:00	♃	19°28'21" ♋	15°35'14"	00°38'41"	00°13'00"	6.299
26/08/2050 00:00:00	♅	03°36'16" ♋	-19°54'37"	-00°35'08"	-00°03'34"	9.056
26/08/2050 00:00:00	♁	19°58'29" ♍	04°38'23"	00°43'45"	00°03'39"	19.247
26/08/2050 00:00:00	♃	28°22'30" ♂	18°06'56"	-01°43'04"	00°00'11"	29.718
26/08/2050 00:00:00	♁	09°42'48" ♋	-20°13'38"	-13°19'58"	-00°01'15"	40.606
26/08/2050 00:00:00	♁	14°36'15" ♍	-16°12'50"	00°00'00"	-00°00'22"	0.003
26/08/2050 00:00:00	♃	05°50'13" ♂	-16°40'09"	04°40'23"	00°01'53"	9.829
26/08/2050 00:00:00	♄	14°21'41" ♍	01°59'33"	-04°30'21"	00°06'42"	0.003
26/08/2050 00:00:00	T♁	14°36'15" ♍	-16°12'50"	00°00'00"	-00°00'22"	0.003
26/08/2050 00:00:00	T♄	25°34'07" ♍	-01°45'24"	-03°49'53"	-00°46'52"	0.003
26/08/2050 00:00:00	X	01°31'50" ♂	06°50'08"	-05°30'06"	-00°00'17"	92.288

Ephemerides year 2050

26/08/2050 00:00:00	Y	19°06'26" ♀	12°04'54"	-10°56'12"	00°00'19"	78.313
27/08/2050 00:00:00	☉	03°57'20" ♍	10°03'18"	00°00'00"	00°57'53"	1.011
27/08/2050 00:00:00	☾	20°36'13" ♋	-20°07'17"	02°59'02"	13°21'25"	0.003
27/08/2050 00:00:00	♀	00°30'01" ♍	07°35'59"	-03°56'34"	-00°49'32"	0.635
27/08/2050 00:00:00	♀	18°01'56" ♋	-10°06'41"	-03°17'27"	00°45'56"	0.539
27/08/2050 00:00:00	♂	18°37'52" ♎	-21°29'09"	-06°35'02"	-00°12'25"	0.383
27/08/2050 00:00:00	♃	19°41'21" ♈	15°31'14"	00°38'47"	00°12'59"	6.295
27/08/2050 00:00:00	♅	03°32'43" ♎	-19°55'30"	-00°35'11"	-00°03'30"	9.065
27/08/2050 00:00:00	♁	20°02'09" ♍	04°36'56"	00°43'44"	00°03'40"	19.252
27/08/2050 00:00:00	♃	28°22'41" ♋	18°06'55"	-01°43'07"	00°00'09"	29.701
27/08/2050 00:00:00	♁	09°41'33" ♎	-20°14'11"	-13°20'02"	-00°01'15"	40.605
27/08/2050 00:00:00	♁	14°35'07" ♍	-16°12'30"	00°00'00"	-00°02'00"	0.003
27/08/2050 00:00:00	♃	05°52'09" ♋	-16°40'45"	04°40'06"	00°01'59"	9.847
27/08/2050 00:00:00	♀	14°28'24" ♍	01°57'23"	-04°29'56"	00°06'42"	0.003
27/08/2050 00:00:00	T♁	14°35'07" ♍	-16°12'30"	00°00'00"	-00°02'00"	0.003
27/08/2050 00:00:00	T♃	24°19'00" ♍	-01°19'28"	-03°53'59"	-01°41'54"	0.003
27/08/2050 00:00:00	X	01°31'32" ♋	06°50'01"	-05°30'07"	-00°00'18"	92.274
27/08/2050 00:00:00	Y	19°06'46" ♀	12°04'48"	-10°56'19"	00°00'18"	78.297
28/08/2050 00:00:00	☉	04°55'15" ♍	09°42'12"	00°00'00"	00°57'55"	1.010



Ephemerides year 2050

28/08/2050 00:00:00	♃	04°12'13" ♃	-19°30'13"	03°51'43"	13°50'52"	0.003
28/08/2050 00:00:00	♆	29°42'09" ♆	08°05'36"	-03°42'41"	-00°46'00"	0.644
28/08/2050 00:00:00	♀	18°47'27" ♀	-10°31'37"	-03°25'35"	00°45'04"	0.532
28/08/2050 00:00:00	♂	18°25'43" ♂	-21°30'38"	-06°32'30"	-00°11'52"	0.385
28/08/2050 00:00:00	♃	19°54'20" ♃	15°27'14"	00°38'53"	00°12'58"	6.291
28/08/2050 00:00:00	♁	03°29'15" ♁	-19°56'21"	-00°35'14"	-00°03'26"	9.073
28/08/2050 00:00:00	♁	20°05'49" ♁	04°35'29"	00°43'43"	00°03'40"	19.256
28/08/2050 00:00:00	♃	28°22'49" ♃	18°06'54"	-01°43'10"	00°00'07"	29.685
28/08/2050 00:00:00	♁	09°40'17" ♁	-20°14'44"	-13°20'06"	-00°01'15"	40.605
28/08/2050 00:00:00	♁	14°32'01" ♁	-16°11'35"	00°00'00"	-00°04'16"	0.003
28/08/2050 00:00:00	♂	05°54'12" ♂	-16°41'22"	04°39'49"	00°02'05"	9.865
28/08/2050 00:00:00	♁	14°35'06" ♁	01°55'13"	-04°29'30"	00°06'42"	0.003
28/08/2050 00:00:00	♁	14°32'01" ♁	-16°11'35"	00°00'00"	-00°04'16"	0.003
28/08/2050 00:00:00	♁	22°15'32" ♁	-00°36'43"	-04°00'24"	-02°21'19"	0.003
28/08/2050 00:00:00	X	01°31'14" ♂	06°49'54"	-05°30'08"	-00°00'18"	92.259
28/08/2050 00:00:00	Y	19°07'04" ♀	12°04'41"	-10°56'27"	00°00'18"	78.280
29/08/2050 00:00:00	♁	05°53'11" ♁	09°20'58"	00°00'00"	00°57'56"	1.010
29/08/2050 00:00:00	♃	18°18'07" ♃	-17°40'48"	04°32'26"	14°20'43"	0.002
29/08/2050 00:00:00	♆	28°58'21" ♆	08°35'03"	-03°27'25"	-00°41'25"	0.656

Ephemerides year 2050

29/08/2050 00:00:00	♀	19°32'04" ♈	-10°56'13"	-03°33'47"	00°44'10"	0.524
29/08/2050 00:00:00	♂	18°14'08" ♋	-21°31'46"	-06°29'50"	-00°11'17"	0.387
29/08/2050 00:00:00	♃	20°07'17" ♌	15°23'15"	00°38'59"	00°12'56"	6.287
29/08/2050 00:00:00	♅	03°25'50" ♋	-19°57'12"	-00°35'17"	-00°03'22"	9.082
29/08/2050 00:00:00	♁	20°09'30" ♍	04°34'02"	00°43'43"	00°03'41"	19.260
29/08/2050 00:00:00	♃	28°22'56" ♌	18°06'52"	-01°43'14"	00°00'05"	29.668
29/08/2050 00:00:00	♅	09°39'02" ♋	-20°15'17"	-13°20'10"	-00°01'15"	40.604
29/08/2050 00:00:00	♁	14°26'32" ♍	-16°09'58"	00°00'00"	-00°06'38"	0.003
29/08/2050 00:00:00	♃	05°56'20" ♌	-16°42'00"	04°39'32"	00°02'10"	9.883
29/08/2050 00:00:00	♁	14°41'48" ♍	01°53'04"	-04°29'04"	00°06'42"	0.003
29/08/2050 00:00:00	T♁	14°26'32" ♍	-16°09'58"	00°00'00"	-00°06'38"	0.003
29/08/2050 00:00:00	T♃	19°45'03" ♍	00°15'28"	-04°07'45"	-02°35'04"	0.003
29/08/2050 00:00:00	X	01°30'55" ♌	06°49'46"	-05°30'09"	-00°00'19"	92.245
29/08/2050 00:00:00	Y	19°07'22" ♈	12°04'35"	-10°56'35"	00°00'17"	78.264
30/08/2050 00:00:00	♁	06°51'08" ♍	08°59'35"	00°00'00"	00°57'57"	1.010
30/08/2050 00:00:00	♃	02°52'44" ♋	-14°41'04"	04°57'07"	14°47'41"	0.002
30/08/2050 00:00:00	♃	28°19'36" ♌	09°03'47"	-03°10'58"	-00°35'54"	0.669
30/08/2050 00:00:00	♀	20°15'47" ♈	-11°20'28"	-03°42'02"	00°43'14"	0.516
30/08/2050 00:00:00	♂	18°03'09" ♋	-21°32'34"	-06°27'00"	-00°10'40"	0.389

Ephemerides year 2050

30/08/2050 00:00:00	♃	20°20'13" ♏	15°19'15"	00°39'06"	00°12'54"	6.283
30/08/2050 00:00:00	♅	03°22'29" ♊	-19°58'02"	-00°35'20"	-00°03'19"	9.091
30/08/2050 00:00:00	♆	20°13'12" ♎	04°32'34"	00°43'42"	00°03'42"	19.264
30/08/2050 00:00:00	♁	28°23'00" ♈	18°06'50"	-01°43'17"	00°00'03"	29.651
30/08/2050 00:00:00	♂	09°37'46" ♀	-20°15'49"	-13°20'14"	-00°01'15"	40.604
30/08/2050 00:00:00	♁	14°18'52" ♎	-16°07'42"	00°00'00"	-00°08'34"	0.003
30/08/2050 00:00:00	♃	05°58'33" ♈	-16°42'39"	04°39'15"	00°02'16"	9.901
30/08/2050 00:00:00	♁	14°48'31" ♎	01°50'54"	-04°28'38"	00°06'42"	0.003
30/08/2050 00:00:00	♁	14°18'52" ♎	-16°07'42"	00°00'00"	-00°08'34"	0.003
30/08/2050 00:00:00	♁	17°13'38" ♎	01°07'57"	-04°14'39"	-02°24'32"	0.003
30/08/2050 00:00:00	X	01°30'35" ♈	06°49'39"	-05°30'10"	-00°00'19"	92.231
30/08/2050 00:00:00	Y	19°07'39" ♀	12°04'29"	-10°56'43"	00°00'16"	78.247
31/08/2050 00:00:00	♁	07°49'07" ♎	08°38'04"	00°00'00"	00°57'59"	1.010
31/08/2050 00:00:00	♁	17°51'19" ♊	-10°40'16"	05°02'25"	15°08'05"	0.002
31/08/2050 00:00:00	♁	27°46'50" ♈	09°31'20"	-02°53'33"	-00°29'31"	0.683
31/08/2050 00:00:00	♀	20°58'33" ♋	-11°44'23"	-03°50'21"	00°42'16"	0.509
31/08/2050 00:00:00	♂	17°52'47" ♊	-21°33'02"	-06°24'03"	-00°10'02"	0.391
31/08/2050 00:00:00	♃	20°33'07" ♏	15°15'14"	00°39'12"	00°12'53"	6.278
31/08/2050 00:00:00	♅	03°19'12" ♊	-19°58'51"	-00°35'23"	-00°03'14"	9.100

Ephemerides year 2050

31/08/2050 00:00:00	♃	20°16'55" ♎	04°31'06"	00°43'42"	00°03'42"	19.267
31/08/2050 00:00:00	♃	28°23'02" ♏	18°06'47"	-01°43'20"	00°00'01"	29.635
31/08/2050 00:00:00	♃	09°36'30" ♏	-20°16'21"	-13°20'17"	-00°01'15"	40.604
31/08/2050 00:00:00	♃	14°09'41" ♎	-16°04'59"	00°00'00"	-00°09'36"	0.003
31/08/2050 00:00:00	♃	06°00'52" ♏	-16°43'19"	04°38'59"	00°02'21"	9.919
31/08/2050 00:00:00	♃	14°55'13" ♎	01°48'44"	-04°28'11"	00°06'42"	0.003
31/08/2050 00:00:00	♃	14°09'41" ♎	-16°04'59"	00°00'00"	-00°09'36"	0.003
31/08/2050 00:00:00	♃	14°59'43" ♎	01°54'13"	-04°20'23"	-02°02'52"	0.003
31/08/2050 00:00:00	♃	01°30'15" ♏	06°49'31"	-05°30'11"	-00°00'20"	92.217
31/08/2050 00:00:00	♃	19°07'55" ♏	12°04'22"	-10°56'50"	00°00'15"	78.230
01/09/2050 00:00:00	♃	08°47'07" ♎	08°16'24"	00°00'00"	00°58'00"	1.009
01/09/2050 00:00:00	♃	03°05'39" ♏	-05°54'23"	04°46'37"	15°18'45"	0.002
01/09/2050 00:00:00	♃	27°20'48" ♏	09°57'15"	-02°35'25"	-00°22'24"	0.700
01/09/2050 00:00:00	♃	21°40'20" ♏	-12°07'54"	-03°58'43"	00°41'15"	0.501
01/09/2050 00:00:00	♃	17°43'04" ♏	-21°33'09"	-06°20'57"	-00°09'23"	0.393
01/09/2050 00:00:00	♃	20°45'59" ♏	15°11'14"	00°39'18"	00°12'51"	6.274
01/09/2050 00:00:00	♃	03°15'59" ♏	-19°59'38"	-00°35'26"	-00°03'10"	9.110
01/09/2050 00:00:00	♃	20°20'38" ♎	04°29'38"	00°43'41"	00°03'43"	19.271
01/09/2050 00:00:00	♃	28°23'03" ♏	18°06'44"	-01°43'24"	-00°00'00"	29.618

Ephemerides year 2050

01/09/2050 00:00:00	♁	09°35'14" ♈	-20°16'53"	-13°20'19"	-00°01'16"	40.605
01/09/2050 00:00:00	♁	14°00'04" ♎	-16°02'07"	00°00'00"	-00°09'26"	0.003
01/09/2050 00:00:00	♆	06°03'16" ♈	-16°44'00"	04°38'42"	00°02'27"	9.937
01/09/2050 00:00:00	♁	15°01'55" ♎	01°46'34"	-04°27'45"	00°06'42"	0.003
01/09/2050 00:00:00	♁♁	14°00'04" ♎	-16°02'07"	00°00'00"	-00°09'26"	0.003
01/09/2050 00:00:00	♁♁	13°06'01" ♎	02°33'14"	-04°25'06"	-01°46'33"	0.003
01/09/2050 00:00:00	♁	01°29'54" ♈	06°49'23"	-05°30'11"	-00°00'21"	92.203
01/09/2050 00:00:00	♁	19°08'11" ♀	12°04'16"	-10°56'58"	00°00'15"	78.213
02/09/2050 00:00:00	♁	09°45'08" ♎	07°54'36"	00°00'00"	00°58'02"	1.009
02/09/2050 00:00:00	♁	18°25'01" ♈	-00°44'20"	04°10'14"	15°18'02"	0.002
02/09/2050 00:00:00	♁	27°02'12" ♈	10°21'05"	-02°16'47"	-00°14'43"	0.718
02/09/2050 00:00:00	♁	22°21'04" ♀	-12°31'02"	-04°07'08"	00°40'13"	0.494
02/09/2050 00:00:00	♁	17°34'01" ♁	-21°32'57"	-06°17'44"	-00°08'43"	0.395
02/09/2050 00:00:00	♁	20°58'50" ♈	15°07'14"	00°39'25"	00°12'49"	6.269
02/09/2050 00:00:00	♁	03°12'50" ♁	-20°00'25"	-00°35'29"	-00°03'06"	9.119
02/09/2050 00:00:00	♁	20°24'21" ♎	04°28'09"	00°43'41"	00°03'43"	19.274
02/09/2050 00:00:00	♁	28°23'01" ♈	18°06'40"	-01°43'27"	-00°00'02"	29.601
02/09/2050 00:00:00	♁	09°33'58" ♈	-20°17'25"	-13°20'22"	-00°01'16"	40.606
02/09/2050 00:00:00	♁	13°51'12" ♎	-15°59'29"	00°00'00"	-00°08'06"	0.003

Ephemerides year 2050

02/09/2050 00:00:00	♄	06°05'46" ♄	-16°44'41"	04°38'26"	00°02'32"	9.955
02/09/2050 00:00:00	♁	15°08'37" ♁	01°44'25"	-04°27'18"	00°06'42"	0.003
02/09/2050 00:00:00	♁	13°51'12" ♁	-15°59'29"	00°00'00"	-00°08'06"	0.003
02/09/2050 00:00:00	♁	11°21'14" ♁	03°08'49"	-04°29'27"	-01°46'00"	0.003
02/09/2050 00:00:00	X	01°29'33" ♄	06°49'15"	-05°30'12"	-00°00'21"	92.190
02/09/2050 00:00:00	Y	19°08'25" ♀	12°04'09"	-10°57'06"	00°00'14"	78.196
03/09/2050 00:00:00	♁	10°43'11" ♁	07°32'40"	00°00'00"	00°58'04"	1.009
03/09/2050 00:00:00	♃	03°38'03" ♃	04°26'44"	03°16'14"	15°06'22"	0.002
03/09/2050 00:00:00	♁	26°51'31" ♁	10°42'29"	-01°57'53"	-00°06'34"	0.738
03/09/2050 00:00:00	♁	23°00'45" ♁	-12°53'45"	-04°15'36"	00°39'08"	0.487
03/09/2050 00:00:00	♂	17°25'38" ♄	-21°32'25"	-06°14'24"	-00°08'01"	0.397
03/09/2050 00:00:00	♃	21°11'39" ♁	15°03'14"	00°39'31"	00°12'47"	6.264
03/09/2050 00:00:00	♃	03°09'46" ♄	-20°01'10"	-00°35'31"	-00°03'02"	9.129
03/09/2050 00:00:00	♁	20°28'05" ♁	04°26'41"	00°43'40"	00°03'44"	19.277
03/09/2050 00:00:00	♁	28°22'58" ♄	18°06'36"	-01°43'30"	-00°00'04"	29.585
03/09/2050 00:00:00	♁	09°32'42" ♁	-20°17'56"	-13°20'24"	-00°01'16"	40.607
03/09/2050 00:00:00	♁	13°44'08" ♁	-15°57'22"	00°00'00"	-00°05'56"	0.003
03/09/2050 00:00:00	♄	06°08'21" ♄	-16°45'24"	04°38'09"	00°02'37"	9.973
03/09/2050 00:00:00	♁	15°15'19" ♁	01°42'15"	-04°26'52"	00°06'42"	0.003

Ephemerides year 2050

03/09/2050 00:00:00	T♁	13°44'08" ♍	-15°57'22"	00°00'00"	-00°05'56"	0.003
03/09/2050 00:00:00	T♄	09°28'40" ♍	03°46'36"	-04°34'07"	-02°01'06"	0.003
03/09/2050 00:00:00	X	01°29'11" ♂	06°49'07"	-05°30'13"	-00°00'22"	92.176
03/09/2050 00:00:00	Y	19°08'39" ♀	12°04'02"	-10°57'14"	00°00'13"	78.179
04/09/2050 00:00:00	☉	11°41'16" ♍	07°10'37"	00°00'00"	00°58'05"	1.009
04/09/2050 00:00:00	☾	18°34'51" ♀	09°16'28"	02°09'28"	14°46'03"	0.002
04/09/2050 00:00:00	♁	26°49'09" ♂	11°01'06"	-01°38'57"	00°01'53"	0.760
04/09/2050 00:00:00	♂	23°39'20" ♀	-13°16'03"	-04°24'05"	00°38'00"	0.479
04/09/2050 00:00:00	♂	17°17'58" ♁	-21°31'33"	-06°10'58"	-00°07'19"	0.400
04/09/2050 00:00:00	♃	21°24'26" ♂	14°59'14"	00°39'37"	00°12'45"	6.259
04/09/2050 00:00:00	♅	03°06'45" ♁	-20°01'54"	-00°35'34"	-00°02'57"	9.139
04/09/2050 00:00:00	♆	20°31'50" ♍	04°25'12"	00°43'40"	00°03'44"	19.279
04/09/2050 00:00:00	♇	28°22'52" ♂	18°06'32"	-01°43'34"	-00°00'06"	29.568
04/09/2050 00:00:00	♁	09°31'26" ♁	-20°18'27"	-13°20'26"	-00°01'15"	40.608
04/09/2050 00:00:00	♁	13°39'27" ♍	-15°55'58"	00°00'00"	-00°03'26"	0.003
04/09/2050 00:00:00	♂	06°11'02" ♂	-16°46'07"	04°37'53"	00°02'43"	9.991
04/09/2050 00:00:00	♄	15°22'02" ♍	01°40'06"	-04°26'25"	00°06'42"	0.003
04/09/2050 00:00:00	T♁	13°39'27" ♍	-15°55'58"	00°00'00"	-00°03'26"	0.003
04/09/2050 00:00:00	T♄	07°17'21" ♍	04°30'14"	-04°39'22"	-02°20'59"	0.003

Ephemerides year 2050

04/09/2050 00:00:00	X	01°28'49" ♄	06°48'59"	-05°30'13"	-00°00'22"	92.163
04/09/2050 00:00:00	Y	19°08'52" ♀	12°03'55"	-10°57'22"	00°00'12"	78.162
05/09/2050 00:00:00	♁	12°39'23" ♃	06°48'28"	00°00'00"	00°58'07"	1.008
05/09/2050 00:00:00	♂	03°08'23" ♄	13°25'40"	00°55'41"	14°20'24"	0.002
05/09/2050 00:00:00	♀	26°55'21" ♃	11°16'39"	-01°20'10"	00°10'32"	0.782
05/09/2050 00:00:00	♀	24°16'46" ♄	-13°37'54"	-04°32'37"	00°36'50"	0.472
05/09/2050 00:00:00	♂	17°11'00" ♃	-21°30'21"	-06°07'25"	-00°06'35"	0.403
05/09/2050 00:00:00	♃	21°37'10" ♃	14°55'14"	00°39'44"	00°12'43"	6.253
05/09/2050 00:00:00	♃	03°03'50" ♃	-20°02'38"	-00°35'37"	-00°02'53"	9.150
05/09/2050 00:00:00	♃	20°35'35" ♃	04°23'43"	00°43'39"	00°03'45"	19.281
05/09/2050 00:00:00	♃	28°22'44" ♄	18°06'27"	-01°43'37"	-00°00'08"	29.552
05/09/2050 00:00:00	♃	09°30'10" ♃	-20°18'58"	-13°20'27"	-00°01'15"	40.610
05/09/2050 00:00:00	♃	13°37'10" ♃	-15°55'17"	00°00'00"	-00°01'12"	0.003
05/09/2050 00:00:00	♃	06°13'48" ♄	-16°46'50"	04°37'37"	00°02'48"	10.009
05/09/2050 00:00:00	♃	15°28'44" ♃	01°37'56"	-04°25'58"	00°06'42"	0.003
05/09/2050 00:00:00	T♃	13°37'10" ♃	-15°55'17"	00°00'00"	-00°01'12"	0.003
05/09/2050 00:00:00	T♃	04°50'46" ♃	05°18'28"	-04°44'49"	-02°28'43"	0.003
05/09/2050 00:00:00	X	01°28'26" ♄	06°48'51"	-05°30'14"	-00°00'23"	92.150
05/09/2050 00:00:00	Y	19°09'04" ♀	12°03'48"	-10°57'30"	00°00'11"	78.145



Ephemerides year 2050

06/09/2050 00:00:00	☉	13°37'32" ♍	06°26'11"	00°00'00"	00°58'09"	1.008
06/09/2050 00:00:00	☾	17°15'02" ♋	16°40'00"	-00°19'27"	13°52'50"	0.002
06/09/2050 00:00:00	♀	27°10'14" ♋	11°28'56"	-01°01'44"	00°19'14"	0.807
06/09/2050 00:00:00	♀	24°53'01" ♋	-13°59'17"	-04°41'09"	00°35'38"	0.465
06/09/2050 00:00:00	♂	17°04'46" ♋	-21°28'49"	-06°03'46"	-00°05'51"	0.405
06/09/2050 00:00:00	♃	21°49'53" ♋	14°51'13"	00°39'51"	00°12'41"	6.247
06/09/2050 00:00:00	♅	03°00'59" ♋	-20°03'20"	-00°35'39"	-00°02'48"	9.161
06/09/2050 00:00:00	♁	20°39'20" ♍	04°22'14"	00°43'39"	00°03'45"	19.283
06/09/2050 00:00:00	♃	28°22'35" ♋	18°06'22"	-01°43'40"	-00°00'10"	29.536
06/09/2050 00:00:00	♁	09°28'54" ♋	-20°19'28"	-13°20'28"	-00°01'15"	40.612
06/09/2050 00:00:00	♁	13°36'48" ♍	-15°55'11"	00°00'00"	00°00'18"	0.003
06/09/2050 00:00:00	♃	06°16'39" ♋	-16°47'35"	04°37'21"	00°02'54"	10.027
06/09/2050 00:00:00	♁	15°35'26" ♍	01°35'47"	-04°25'31"	00°06'42"	0.003
06/09/2050 00:00:00	♁	13°36'48" ♍	-15°55'11"	00°00'00"	00°00'18"	0.003
06/09/2050 00:00:00	♁	02°28'34" ♍	06°04'45"	-04°49'35"	-02°10'52"	0.003
06/09/2050 00:00:00	X	01°28'02" ♋	06°48'42"	-05°30'15"	-00°00'23"	92.137
06/09/2050 00:00:00	Y	19°09'16" ♋	12°03'41"	-10°57'38"	00°00'11"	78.128
07/09/2050 00:00:00	☉	14°35'43" ♍	06°03'48"	00°00'00"	00°58'11"	1.008
07/09/2050 00:00:00	☾	00°54'21" ♋	18°50'41"	-01°31'12"	13°26'06"	0.003

Ephemerides year 2050

07/09/2050 00:00:00	♀	27°33'49" ♈	11°37'43"	-00°43'48"	00°27'53"	0.832
07/09/2050 00:00:00	♀	25°28'02" ♉	-14°20'11"	-04°49'43"	00°34'22"	0.458
07/09/2050 00:00:00	♂	16°59'17" ♋	-21°26'58"	-06°00'02"	-00°05'06"	0.408
07/09/2050 00:00:00	♈	22°02'34" ♈	14°47'13"	00°39'58"	00°12'39"	6.242
07/09/2050 00:00:00	♁	02°58'12" ♋	-20°04'00"	-00°35'42"	-00°02'44"	9.171
07/09/2050 00:00:00	♁	20°43'06" ♋	04°20'45"	00°43'39"	00°03'45"	19.285
07/09/2050 00:00:00	♁	28°22'24" ♋	18°06'16"	-01°43'43"	-00°00'12"	29.519
07/09/2050 00:00:00	♁	09°27'38" ♋	-20°19'58"	-13°20'29"	-00°01'15"	40.614
07/09/2050 00:00:00	♁	13°37'25" ♋	-15°55'22"	00°00'00"	00°00'46"	0.003
07/09/2050 00:00:00	♁	06°19'36" ♋	-16°48'20"	04°37'04"	00°02'59"	10.045
07/09/2050 00:00:00	♁	15°42'08" ♋	01°33'37"	-04°25'04"	00°06'42"	0.003
07/09/2050 00:00:00	T♁	13°37'25" ♋	-15°55'22"	00°00'00"	00°00'46"	0.003
07/09/2050 00:00:00	T♁	00°38'03" ♋	06°40'22"	-04°52'56"	-01°26'23"	0.003
07/09/2050 00:00:00	X	01°27'39" ♋	06°48'34"	-05°30'15"	-00°00'24"	92.124
07/09/2050 00:00:00	Y	19°09'27" ♋	12°03'34"	-10°57'46"	00°00'10"	78.111
08/09/2050 00:00:00	♁	15°33'56" ♋	05°41'18"	-00°00'00"	00°58'13"	1.008
08/09/2050 00:00:00	♁	14°08'09" ♋	19°54'33"	-02°35'49"	13°02'03"	0.003
08/09/2050 00:00:00	♀	28°05'57" ♈	11°42'53"	-00°26'32"	00°36'22"	0.858
08/09/2050 00:00:00	♀	26°01'46" ♉	-14°40'34"	-04°58'17"	00°33'04"	0.450

Ephemerides year 2050

08/09/2050 00:00:00	♂	16°54'34" ♊	-21°24'48"	-05°56'12"	-00°04'20"	0.411
08/09/2050 00:00:00	♃	22°15'13" ♈	14°43'13"	00°40'04"	00°12'37"	6.236
08/09/2050 00:00:00	♅	02°55'30" ♊	-20°04'40"	-00°35'44"	-00°02'39"	9.182
08/09/2050 00:00:00	♁	20°46'52" ♉	04°19'16"	00°43'38"	00°03'46"	19.286
08/09/2050 00:00:00	♃	28°22'10" ♈	18°06'10"	-01°43'47"	-00°00'14"	29.503
08/09/2050 00:00:00	♁	09°26'23" ♉	-20°20'27"	-13°20'29"	-00°01'15"	40.616
08/09/2050 00:00:00	♁	13°37'58" ♉	-15°55'32"	00°00'00"	00°00'09"	0.003
08/09/2050 00:00:00	♃	06°22'38" ♈	-16°49'06"	04°36'49"	00°03'04"	10.063
08/09/2050 00:00:00	♁	15°48'50" ♉	01°31'28"	-04°24'37"	00°06'42"	0.003
08/09/2050 00:00:00	♁	13°37'58" ♉	-15°55'32"	00°00'00"	00°00'09"	0.003
08/09/2050 00:00:00	♁	29°41'07" ♈	06°58'36"	-04°54'29"	-00°26'03"	0.003
08/09/2050 00:00:00	X	01°27'14" ♈	06°48'25"	-05°30'16"	-00°00'24"	92.112
08/09/2050 00:00:00	Y	19°09'37" ♀	12°03'27"	-10°57'53"	00°00'09"	78.094
09/09/2050 00:00:00	♁	16°32'11" ♉	05°18'43"	-00°00'00"	00°58'15"	1.007
09/09/2050 00:00:00	♃	26°59'41" ♀	19°53'12"	-03°30'39"	12°41'40"	0.003
09/09/2050 00:00:00	♁	28°46'28" ♈	11°44'21"	-00°10'02"	00°44'36"	0.885
09/09/2050 00:00:00	♀	26°34'10" ♀	-15°00'26"	-05°06'51"	00°31'43"	0.443
09/09/2050 00:00:00	♂	16°50'37" ♊	-21°22'19"	-05°52'17"	-00°03'33"	0.414
09/09/2050 00:00:00	♃	22°27'50" ♈	14°39'14"	00°40'11"	00°12'35"	6.229

Ephemerides year 2050

09/09/2050 00:00:00	♃	02°52'54" ♁	-20°05'18"	-00°35'47"	-00°02'34"	9.194
09/09/2050 00:00:00	♃	20°50'39" ♁	04°17'47"	00°43'38"	00°03'46"	19.287
09/09/2050 00:00:00	♃	28°21'55" ♁	18°06'03"	-01°43'50"	-00°00'16"	29.487
09/09/2050 00:00:00	♃	09°25'08" ♁	-20°20'56"	-13°20'29"	-00°01'15"	40.619
09/09/2050 00:00:00	♃	13°37'25" ♁	-15°55'22"	00°00'00"	-00°01'23"	0.003
09/09/2050 00:00:00	♃	06°25'46" ♁	-16°49'53"	04°36'33"	00°03'09"	10.081
09/09/2050 00:00:00	♃	15°55'32" ♁	01°29'18"	-04°24'09"	00°06'42"	0.003
09/09/2050 00:00:00	♃	13°37'25" ♁	-15°55'22"	00°00'00"	-00°01'23"	0.003
09/09/2050 00:00:00	♃	29°46'25" ♁	06°56'58"	-04°54'17"	00°35'55"	0.003
09/09/2050 00:00:00	X	01°26'50" ♁	06°48'16"	-05°30'16"	-00°00'24"	92.099
09/09/2050 00:00:00	Y	19°09'47" ♁	12°03'20"	-10°58'01"	00°00'09"	78.077
10/09/2050 00:00:00	♃	17°30'28" ♁	04°56'03"	-00°00'00"	00°58'18"	1.007
10/09/2050 00:00:00	♃	09°32'50" ♁	18°51'58"	-04°13'54"	12°25'17"	0.003
10/09/2050 00:00:00	♃	29°35'04" ♁	11°42'02"	00°05'33"	00°52'30"	0.912
10/09/2050 00:00:00	♃	27°05'12" ♁	-15°19'46"	-05°15'25"	00°30'19"	0.436
10/09/2050 00:00:00	♃	16°47'27" ♁	-21°19'31"	-05°48'19"	-00°02'46"	0.417
10/09/2050 00:00:00	♃	22°40'24" ♁	14°35'14"	00°40'18"	00°12'33"	6.223
10/09/2050 00:00:00	♃	02°50'21" ♁	-20°05'56"	-00°35'49"	-00°02'29"	9.205
10/09/2050 00:00:00	♃	20°54'25" ♁	04°16'17"	00°43'38"	00°03'46"	19.288

Ephemerides year 2050

10/09/2050 00:00:00	♁	28°21'38"	♄	18°05'56"	-01°43'53"	-00°00'18"	29.471
10/09/2050 00:00:00	♁	09°23'52"	♄	-20°21'25"	-13°20'29"	-00°01'15"	40.622
10/09/2050 00:00:00	♁	13°34'59"	♄	-15°54'38"	00°00'00"	-00°03'32"	0.003
10/09/2050 00:00:00	♁	06°28'58"	♄	-16°50'40"	04°36'17"	00°03'15"	10.099
10/09/2050 00:00:00	♁	16°02'15"	♄	01°27'09"	-04°23'41"	00°06'42"	0.003
10/09/2050 00:00:00	T♁	13°34'59"	♄	-15°54'38"	00°00'00"	-00°03'32"	0.003
10/09/2050 00:00:00	T♁	00°49'59"	♄	06°36'40"	-04°52'26"	01°29'09"	0.003
10/09/2050 00:00:00	X	01°26'25"	♄	06°48'07"	-05°30'17"	-00°00'25"	92.087
10/09/2050 00:00:00	Y	19°09'55"	♄	12°03'12"	-10°58'09"	00°00'08"	78.060
11/09/2050 00:00:00	♁	18°28'47"	♄	04°33'17"	-00°00'00"	00°58'20"	1.007
11/09/2050 00:00:00	♁	21°51'32"	♄	16°58'30"	-04°44'27"	12°12'42"	0.003
11/09/2050 00:00:00	♁	00°31'21"	♄	11°35'55"	00°20'11"	00°59'59"	0.940
11/09/2050 00:00:00	♁	27°34'48"	♄	-15°38'30"	-05°23'57"	00°28'51"	0.430
11/09/2050 00:00:00	♁	16°45'04"	♄	-21°16'24"	-05°44'16"	-00°01'58"	0.421
11/09/2050 00:00:00	♁	22°52'56"	♄	14°31'15"	00°40'26"	00°12'30"	6.216
11/09/2050 00:00:00	♁	02°47'54"	♄	-20°06'32"	-00°35'51"	-00°02'24"	9.217
11/09/2050 00:00:00	♁	20°58'12"	♄	04°14'48"	00°43'38"	00°03'46"	19.289
11/09/2050 00:00:00	♁	28°21'19"	♄	18°05'49"	-01°43'56"	-00°00'20"	29.455
11/09/2050 00:00:00	♁	09°22'37"	♄	-20°21'53"	-13°20'28"	-00°01'14"	40.626

Ephemerides year 2050

11/09/2050 00:00:00	♏	13°30'16"	♍	-15°53'13"	00°00'00"	-00°05'52"	0.003
11/09/2050 00:00:00	♋	06°32'16"	♈	-16°51'28"	04°36'01"	00°03'20"	10.117
11/09/2050 00:00:00	♎	16°08'57"	♍	01°25'00"	-04°23'14"	00°06'42"	0.003
11/09/2050 00:00:00	♏	13°30'16"	♍	-15°53'13"	00°00'00"	-00°05'52"	0.003
11/09/2050 00:00:00	♎	02°40'07"	♍	06°01'10"	-04°49'03"	02°08'38"	0.003
11/09/2050 00:00:00	X	01°25'59"	♎	06°47'58"	-05°30'17"	-00°00'25"	92.076
11/09/2050 00:00:00	Y	19°10'03"	♈	12°03'05"	-10°58'17"	00°00'07"	78.043
12/09/2050 00:00:00	♏	19°27'08"	♍	04°10'27"	-00°00'00"	00°58'21"	1.007
12/09/2050 00:00:00	♎	03°59'24"	♏	14°21'36"	-05°01'40"	12°03'31"	0.003
12/09/2050 00:00:00	♎	01°34'54"	♍	11°26'04"	00°33'46"	01°07'01"	0.968
12/09/2050 00:00:00	♎	28°02'55"	♎	-15°56'39"	-05°32'27"	00°27'21"	0.423
12/09/2050 00:00:00	♈	16°43'29"	♎	-21°12'59"	-05°40'09"	-00°01'10"	0.424
12/09/2050 00:00:00	♈	23°05'25"	♏	14°27'16"	00°40'33"	00°12'27"	6.210
12/09/2050 00:00:00	♈	02°45'32"	♎	-20°07'06"	-00°35'54"	-00°02'19"	9.229
12/09/2050 00:00:00	♈	21°01'59"	♍	04°13'18"	00°43'38"	00°03'47"	19.289
12/09/2050 00:00:00	♎	28°20'57"	♎	18°05'41"	-01°43'59"	-00°00'22"	29.440
12/09/2050 00:00:00	♎	09°21'23"	♎	-20°22'21"	-13°20'27"	-00°01'14"	40.629
12/09/2050 00:00:00	♏	13°23'18"	♍	-15°51'08"	00°00'00"	-00°07'58"	0.003
12/09/2050 00:00:00	♋	06°35'39"	♈	-16°52'17"	04°35'46"	00°03'25"	10.134

Ephemerides year 2050

12/09/2050 00:00:00	☾	16°15'39" ♎	01°22'51"	-04°22'46"	00°06'42"	0.003
12/09/2050 00:00:00	♄	13°23'18" ♎	-15°51'08"	00°00'00"	-00°07'58"	0.003
12/09/2050 00:00:00	♁	05°02'25" ♎	05°14'45"	-04°44'17"	02°33'40"	0.003
12/09/2050 00:00:00	X	01°25'33" ♄	06°47'49"	-05°30'17"	-00°00'26"	92.064
12/09/2050 00:00:00	Y	19°10'10" ♀	12°02'57"	-10°58'26"	00°00'06"	78.026
13/09/2050 00:00:00	☉	20°25'31" ♎	03°47'32"	-00°00'00"	00°58'23"	1.006
13/09/2050 00:00:00	☾	15°59'32" ♋	11°10'24"	-05°05'22"	11°57'10"	0.003
13/09/2050 00:00:00	♁	02°45'13" ♎	11°12'31"	00°46'16"	01°13'31"	0.996
13/09/2050 00:00:00	♀	28°29'29" ♋	-16°14'10"	-05°40'55"	00°25'46"	0.416
13/09/2050 00:00:00	♂	16°42'43" ♋	-21°09'16"	-05°35'59"	-00°00'22"	0.428
13/09/2050 00:00:00	♃	23°17'52" ♋	14°23'18"	00°40'40"	00°12'25"	6.203
13/09/2050 00:00:00	♅	02°43'15" ♋	-20°07'40"	-00°35'56"	-00°02'14"	9.241
13/09/2050 00:00:00	♁	21°05'46" ♎	04°11'49"	00°43'38"	00°03'46"	19.289
13/09/2050 00:00:00	♁	28°20'34" ♄	18°05'33"	-01°44'03"	-00°00'24"	29.424
13/09/2050 00:00:00	♁	09°20'08" ♄	-20°22'49"	-13°20'25"	-00°01'14"	40.633
13/09/2050 00:00:00	♁	13°14'32" ♎	-15°48'30"	00°00'00"	-00°09'27"	0.003
13/09/2050 00:00:00	♁	06°39'07" ♄	-16°53'06"	04°35'31"	00°03'30"	10.152
13/09/2050 00:00:00	☾	16°22'21" ♎	01°20'42"	-04°22'18"	00°06'42"	0.003
13/09/2050 00:00:00	♄	13°14'32" ♎	-15°48'30"	00°00'00"	-00°09'27"	0.003

Ephemerides year 2050

13/09/2050 00:00:00	T♄	07°43'24" ♎	04°21'37"	-04°38'21"	02°46'36"	0.003
13/09/2050 00:00:00	X	01°25'06" ♂	06°47'39"	-05°30'18"	-00°00'26"	92.052
13/09/2050 00:00:00	Y	19°10'16" ♀	12°02'50"	-10°58'34"	00°00'05"	78.009
14/09/2050 00:00:00	☉	21°23'56" ♎	03°24'33"	-00°00'00"	00°58'25"	1.006
14/09/2050 00:00:00	☾	27°54'31" ♏	07°33'52"	-04°55'43"	11°53'08"	0.003
14/09/2050 00:00:00	♀	04°01'46" ♎	10°55'23"	00°57'38"	01°19'28"	1.024
14/09/2050 00:00:00	♀	28°54'27" ♏	-16°31'02"	-05°49'19"	00°24'08"	0.409
14/09/2050 00:00:00	♂	16°42'45" ♏	-21°05'15"	-05°31'46"	00°00'26"	0.431
14/09/2050 00:00:00	♃	23°30'16" ♏	14°19'20"	00°40'47"	00°12'22"	6.195
14/09/2050 00:00:00	♅	02°41'03" ♏	-20°08'12"	-00°35'58"	-00°02'09"	9.254
14/09/2050 00:00:00	♁	21°09'33" ♎	04°10'20"	00°43'38"	00°03'46"	19.289
14/09/2050 00:00:00	♃	28°20'09" ♂	18°05'25"	-01°44'06"	-00°00'26"	29.408
14/09/2050 00:00:00	♁	09°18'54" ♏	-20°23'16"	-13°20'24"	-00°01'14"	40.637
14/09/2050 00:00:00	♁	13°04'41" ♎	-15°45'31"	00°00'00"	-00°10'05"	0.003
14/09/2050 00:00:00	♃	06°42'40" ♂	-16°53'56"	04°35'16"	00°03'35"	10.169
14/09/2050 00:00:00	♄	16°29'03" ♎	01°18'32"	-04°21'50"	00°06'41"	0.003
14/09/2050 00:00:00	T♁	13°04'41" ♎	-15°45'31"	00°00'00"	-00°10'05"	0.003
14/09/2050 00:00:00	T♄	10°33'07" ♎	03°24'58"	-04°31'30"	02°52'02"	0.003
14/09/2050 00:00:00	X	01°24'39" ♂	06°47'30"	-05°30'18"	-00°00'27"	92.041



Ephemerides year 2050

14/09/2050 00:00:00	Y	19°10'21" ♀	12°02'42"	-10°58'42"	00°00'04"	77.992
15/09/2050 00:00:00	☉	22°22'22" ♍	03°01'30"	-00°00'00"	00°58'27"	1.006
15/09/2050 00:00:00	☾	09°46'26" ♍	03°40'45"	-04°33'18"	11°50'59"	0.003
15/09/2050 00:00:00	♀	05°23'58" ♍	10°34'49"	01°07'51"	01°24'51"	1.052
15/09/2050 00:00:00	♀	29°17'46" ♋	-16°47'12"	-05°57'39"	00°22'27"	0.403
15/09/2050 00:00:00	♂	16°43'35" ♋	-21°00'56"	-05°27'31"	00°01'15"	0.435
15/09/2050 00:00:00	♃	23°42'37" ♋	14°15'22"	00°40'55"	00°12'19"	6.188
15/09/2050 00:00:00	♅	02°38'57" ♋	-20°08'43"	-00°36'00"	-00°02'04"	9.266
15/09/2050 00:00:00	♁	21°13'20" ♍	04°08'50"	00°43'38"	00°03'47"	19.289
15/09/2050 00:00:00	♃	28°19'42" ♋	18°05'16"	-01°44'09"	-00°00'28"	29.393
15/09/2050 00:00:00	♁	09°17'40" ♋	-20°23'42"	-13°20'21"	-00°01'13"	40.642
15/09/2050 00:00:00	♁	12°54'40" ♍	-15°42'30"	00°00'00"	-00°09'47"	0.003
15/09/2050 00:00:00	♃	06°46'18" ♋	-16°54'46"	04°35'01"	00°03'40"	10.187
15/09/2050 00:00:00	♀	16°35'45" ♍	01°16'23"	-04°21'22"	00°06'41"	0.003
15/09/2050 00:00:00	T♁	12°54'40" ♍	-15°42'30"	00°00'00"	-00°09'47"	0.003
15/09/2050 00:00:00	T♀	13°26'59" ♍	02°26'23"	-04°23'54"	02°55'56"	0.003
15/09/2050 00:00:00	X	01°24'11" ♋	06°47'20"	-05°30'18"	-00°00'27"	92.030
15/09/2050 00:00:00	Y	19°10'26" ♀	12°02'35"	-10°58'50"	00°00'04"	77.974
16/09/2050 00:00:00	☉	23°20'51" ♍	02°38'24"	-00°00'00"	00°58'29"	1.006

Ephemerides year 2050

16/09/2050 00:00:00	♃	21°37'03" ♃	-00°20'23"	-03°59'05"	11°50'30"	0.003
16/09/2050 00:00:00	♆	06°51'16" ♃	10°10'58"	01°16'55"	01°29'38"	1.079
16/09/2050 00:00:00	♀	29°39'21" ♃	-17°02'39"	-06°05'54"	00°20'42"	0.396
16/09/2050 00:00:00	♂	16°45'15" ♃	-20°56'21"	-05°23'13"	00°02'03"	0.439
16/09/2050 00:00:00	♃	23°54'55" ♃	14°11'25"	00°41'02"	00°12'16"	6.181
16/09/2050 00:00:00	♃	02°36'55" ♃	-20°09'13"	-00°36'02"	-00°01'58"	9.279
16/09/2050 00:00:00	♃	21°17'07" ♃	04°07'21"	00°43'38"	00°03'46"	19.288
16/09/2050 00:00:00	♃	28°19'13" ♃	18°05'06"	-01°44'12"	-00°00'30"	29.377
16/09/2050 00:00:00	♃	09°16'26" ♃	-20°24'08"	-13°20'19"	-00°01'13"	40.647
16/09/2050 00:00:00	♃	12°45'23" ♃	-15°39'41"	00°00'00"	-00°08'37"	0.003
16/09/2050 00:00:00	♃	06°50'01" ♃	-16°55'37"	04°34'46"	00°03'45"	10.204
16/09/2050 00:00:00	♃	16°42'27" ♃	01°14'15"	-04°20'53"	00°06'41"	0.003
16/09/2050 00:00:00	♃	12°45'23" ♃	-15°39'41"	00°00'00"	-00°08'37"	0.003
16/09/2050 00:00:00	♃	16°26'10" ♃	01°25'33"	-04°15'27"	03°03'13"	0.003
16/09/2050 00:00:00	X	01°23'43" ♃	06°47'11"	-05°30'18"	-00°00'28"	92.019
16/09/2050 00:00:00	Y	19°10'30" ♃	12°02'27"	-10°58'58"	00°00'03"	77.957
17/09/2050 00:00:00	♃	24°19'22" ♃	02°15'15"	-00°00'00"	00°58'31"	1.005
17/09/2050 00:00:00	♃	03°27'59" ♃	-04°21'05"	-03°14'26"	11°51'40"	0.003
17/09/2050 00:00:00	♆	08°23'04" ♃	09°44'04"	01°24'51"	01°33'50"	1.105

Ephemerides year 2050

17/09/2050 00:00:00	♀	29°59'09" ♈	-17°17'22"	-06°14'02"	00°18'53"	0.390
17/09/2050 00:00:00	♂	16°47'43" ♍	-20°51'28"	-05°18'53"	00°02'52"	0.443
17/09/2050 00:00:00	♃	24°07'10" ♏	14°07'28"	00°41'10"	00°12'13"	6.173
17/09/2050 00:00:00	♅	02°34'59" ♎	-20°09'41"	-00°36'04"	-00°01'53"	9.292
17/09/2050 00:00:00	♁	21°20'54" ♎	04°05'51"	00°43'38"	00°03'46"	19.287
17/09/2050 00:00:00	♃	28°18'42" ♏	18°04'56"	-01°44'15"	-00°00'31"	29.362
17/09/2050 00:00:00	♁	09°15'13" ♎	-20°24'34"	-13°20'16"	-00°01'13"	40.652
17/09/2050 00:00:00	♏	12°37'38" ♎	-15°37'20"	00°00'00"	-00°06'47"	0.003
17/09/2050 00:00:00	♃	06°53'48" ♏	-16°56'29"	04°34'31"	00°03'50"	10.222
17/09/2050 00:00:00	♁	16°49'09" ♎	01°12'06"	-04°20'25"	00°06'41"	0.003
17/09/2050 00:00:00	T♏	12°37'38" ♎	-15°37'20"	00°00'00"	-00°06'47"	0.003
17/09/2050 00:00:00	T♁	19°34'55" ♎	00°21'08"	-04°05'53"	03°14'46"	0.003
17/09/2050 00:00:00	X	01°23'15" ♏	06°47'01"	-05°30'18"	-00°00'28"	92.009
17/09/2050 00:00:00	Y	19°10'33" ♀	12°02'19"	-10°59'06"	00°00'02"	77.940
18/09/2050 00:00:00	☉	25°17'54" ♎	01°52'03"	-00°00'00"	00°58'33"	1.005
18/09/2050 00:00:00	☾	15°21'00" ♈	-08°12'39"	-02°21'05"	11°54'42"	0.003
18/09/2050 00:00:00	♃	09°58'46" ♎	09°14'19"	01°31'39"	01°37'28"	1.130
18/09/2050 00:00:00	♀	00°17'07" ♎	-17°31'17"	-06°22'04"	00°17'00"	0.383
18/09/2050 00:00:00	♂	16°51'00" ♍	-20°46'19"	-05°14'32"	00°03'41"	0.447

Ephemerides year 2050

18/09/2050 00:00:00	♃	24°19'22" ♏	14°03'32"	00°41'18"	00°12'10"	6.165
18/09/2050 00:00:00	♅	02°33'09" ♁	-20°10'08"	-00°36'06"	-00°01'47"	9.305
18/09/2050 00:00:00	♆	21°24'40" ♎	04°04'22"	00°43'38"	00°03'46"	19.286
18/09/2050 00:00:00	♇	28°18'09" ♄	18°04'46"	-01°44'18"	-00°00'33"	29.347
18/09/2050 00:00:00	♁	09°14'00" ♃	-20°24'59"	-13°20'13"	-00°01'12"	40.657
18/09/2050 00:00:00	♂	12°31'56" ♉	-15°35'36"	00°00'00"	-00°04'34"	0.003
18/09/2050 00:00:00	♆	06°57'41" ♎	-16°57'21"	04°34'17"	00°03'55"	10.239
18/09/2050 00:00:00	♁	16°55'51" ♁	01°09'57"	-04°19'56"	00°06'41"	0.003
18/09/2050 00:00:00	T♂	12°31'56" ♉	-15°35'36"	00°00'00"	-00°04'34"	0.003
18/09/2050 00:00:00	T♁	22°55'45" ♎	-00°47'32"	-03°54'58"	03°26'19"	0.003
18/09/2050 00:00:00	X	01°22'46" ♄	06°46'51"	-05°30'18"	-00°00'29"	91.999
18/09/2050 00:00:00	Y	19°10'35" ♀	12°02'11"	-10°59'14"	00°00'01"	77.923
19/09/2050 00:00:00	♁	26°16'29" ♎	01°28'49"	00°00'00"	00°58'35"	1.005
19/09/2050 00:00:00	♃	27°18'09" ♃	-11°46'11"	-01°21'04"	11°59'59"	0.003
19/09/2050 00:00:00	♆	11°37'50" ♎	08°41'57"	01°37'21"	01°40'33"	1.155
19/09/2050 00:00:00	♁	00°33'10" ♉	-17°44'23"	-06°29'57"	00°15'04"	0.377
19/09/2050 00:00:00	♂	16°55'05" ♁	-20°40'53"	-05°10'09"	00°04'29"	0.451
19/09/2050 00:00:00	♃	24°31'31" ♏	13°59'36"	00°41'26"	00°12'07"	6.157
19/09/2050 00:00:00	♅	02°31'23" ♁	-20°10'34"	-00°36'08"	-00°01'42"	9.318

Ephemerides year 2050

19/09/2050 00:00:00	♃	21°28'27" ♎	04°02'53"	00°43'38"	00°03'46"	19.284
19/09/2050 00:00:00	♃	28°17'34" ♏	18°04'36"	-01°44'21"	-00°00'35"	29.332
19/09/2050 00:00:00	♃	09°12'48" ♏	-20°25'24"	-13°20'10"	-00°01'12"	40.663
19/09/2050 00:00:00	♁	12°28'29" ♎	-15°34'33"	00°00'00"	-00°02'20"	0.003
19/09/2050 00:00:00	♃	07°01'39" ♏	-16°58'13"	04°34'02"	00°04'00"	10.256
19/09/2050 00:00:00	♁	17°02'33" ♎	01°07'48"	-04°19'27"	00°06'41"	0.003
19/09/2050 00:00:00	♁	12°28'29" ♎	-15°34'33"	00°00'00"	-00°02'20"	0.003
19/09/2050 00:00:00	♁	26°25'10" ♎	-01°59'04"	-03°42'45"	03°30'45"	0.003
19/09/2050 00:00:00	♃	01°22'17" ♏	06°46'41"	-05°30'18"	-00°00'29"	91.989
19/09/2050 00:00:00	♃	19°10'36" ♏	12°02'04"	-10°59'22"	00°00'00"	77.906
20/09/2050 00:00:00	♁	27°15'05" ♎	01°05'33"	00°00'00"	00°58'36"	1.005
20/09/2050 00:00:00	♃	09°21'55" ♎	-14°52'21"	-00°16'43"	12°08'03"	0.003
20/09/2050 00:00:00	♁	13°19'42" ♎	08°07'13"	01°42'00"	01°43'06"	1.178
20/09/2050 00:00:00	♁	00°47'14" ♎	-17°56'37"	-06°37'41"	00°13'04"	0.371
20/09/2050 00:00:00	♁	16°59'59" ♏	-20°35'12"	-05°05'46"	00°05'17"	0.455
20/09/2050 00:00:00	♁	24°43'37" ♏	13°55'41"	00°41'34"	00°12'04"	6.148
20/09/2050 00:00:00	♁	02°29'44" ♏	-20°10'58"	-00°36'09"	-00°01'36"	9.332
20/09/2050 00:00:00	♃	21°32'13" ♎	04°01'24"	00°43'38"	00°03'46"	19.282
20/09/2050 00:00:00	♃	28°16'58" ♏	18°04'25"	-01°44'24"	-00°00'37"	29.317

Ephemerides year 2050

20/09/2050 00:00:00	♁	09°11'36" ♃	-20°25'48"	-13°20'06"	-00°01'11"	40.669
20/09/2050 00:00:00	♁	12°27'10" ♃	-15°34'09"	00°00'00"	-00°00'24"	0.003
20/09/2050 00:00:00	♃	07°05'41" ♃	-16°59'06"	04°33'48"	00°04'04"	10.273
20/09/2050 00:00:00	♁	17°09'15" ♃	01°05'39"	-04°18'59"	00°06'41"	0.003
20/09/2050 00:00:00	♁	12°27'10" ♃	-15°34'09"	00°00'00"	-00°00'24"	0.003
20/09/2050 00:00:00	♁	29°52'44" ♃	-03°09'37"	-03°29'49"	03°21'43"	0.003
20/09/2050 00:00:00	♁	01°21'47" ♃	06°46'31"	-05°30'18"	-00°00'29"	91.979
20/09/2050 00:00:00	♁	19°10'37" ♃	12°01'56"	-10°59'30"	00°00'00"	77.889
21/09/2050 00:00:00	♁	28°13'42" ♃	00°42'15"	00°00'00"	00°58'38"	1.004
21/09/2050 00:00:00	♁	21°35'22" ♃	-17°21'36"	00°49'22"	12°19'26"	0.003
21/09/2050 00:00:00	♁	15°03'53" ♃	07°30'21"	01°45'39"	01°45'11"	1.201
21/09/2050 00:00:00	♁	00°59'17" ♃	-18°07'57"	-06°45'13"	00°11'00"	0.365
21/09/2050 00:00:00	♁	17°05'41" ♃	-20°29'15"	-05°01'21"	00°06'05"	0.459
21/09/2050 00:00:00	♁	24°55'40" ♃	13°51'47"	00°41'42"	00°12'00"	6.140
21/09/2050 00:00:00	♁	02°28'10" ♃	-20°11'21"	-00°36'11"	-00°01'31"	9.345
21/09/2050 00:00:00	♁	21°35'59" ♃	03°59'55"	00°43'38"	00°03'46"	19.280
21/09/2050 00:00:00	♁	28°16'19" ♃	18°04'13"	-01°44'27"	-00°00'39"	29.303
21/09/2050 00:00:00	♁	09°10'25" ♃	-20°26'12"	-13°20'02"	-00°01'11"	40.675
21/09/2050 00:00:00	♁	12°27'29" ♃	-15°34'15"	00°00'00"	00°00'55"	0.003

Ephemerides year 2050
































21/09/2050 00:00:00	♁	07°09'49" ♄	-17°00'00"	04°33'34"	00°04'09"	10.290
21/09/2050 00:00:00	♁	17°15'57" ♃	01°03'30"	-04°18'30"	00°06'41"	0.003
21/09/2050 00:00:00	♁	12°27'29" ♃	-15°34'15"	00°00'00"	00°00'55"	0.003
21/09/2050 00:00:00	♁	03°02'51" ♃	-04°13'44"	-03°17'19"	02°55'27"	0.003
21/09/2050 00:00:00	X	01°21'17" ♄	06°46'21"	-05°30'18"	-00°00'30"	91.969
21/09/2050 00:00:00	Y	19°10'37" ♄	12°01'48"	-10°59'38"	-00°00'00"	77.872
22/09/2050 00:00:00	♁	29°12'22" ♃	00°18'56"	00°00'00"	00°58'40"	1.004
22/09/2050 00:00:00	♁	04°02'03" ♄	-19°04'22"	01°54'25"	12°34'35"	0.003
22/09/2050 00:00:00	♁	16°49'56" ♃	06°51'37"	01°48'20"	01°46'49"	1.222
22/09/2050 00:00:00	♁	01°09'14" ♃	-18°18'20"	-06°52'34"	00°08'52"	0.359
22/09/2050 00:00:00	♁	17°12'10" ♃	-20°23'02"	-04°56'57"	00°06'52"	0.464
22/09/2050 00:00:00	♁	25°07'39" ♃	13°47'53"	00°41'50"	00°11'57"	6.131
22/09/2050 00:00:00	♁	02°26'42" ♃	-20°11'43"	-00°36'13"	-00°01'25"	9.359
22/09/2050 00:00:00	♁	21°39'45" ♃	03°58'26"	00°43'38"	00°03'45"	19.278
22/09/2050 00:00:00	♁	28°15'39" ♄	18°04'01"	-01°44'30"	-00°00'41"	29.288
22/09/2050 00:00:00	♁	09°09'14" ♄	-20°26'35"	-13°19'57"	-00°01'10"	40.681
22/09/2050 00:00:00	♁	12°28'45" ♃	-15°34'38"	00°00'00"	00°01'28"	0.003
22/09/2050 00:00:00	♁	07°14'01" ♄	-17°00'54"	04°33'21"	00°04'14"	10.307
22/09/2050 00:00:00	♁	17°22'39" ♃	01°01'22"	-04°18'00"	00°06'42"	0.003

Ephemerides year 2050

22/09/2050 00:00:00	T♄	12°28'45" ♍	-15°34'38"	00°00'00"	00°01'28"	0.003
22/09/2050 00:00:00	T♄	05°37'33" ♌	-05°05'25"	-03°06'41"	02°10'57"	0.003
22/09/2050 00:00:00	X	01°20'47" ♂	06°46'11"	-05°30'18"	-00°00'30"	91.960
22/09/2050 00:00:00	Y	19°10'36" ♀	12°01'40"	-10°59'45"	-00°00'01"	77.855
23/09/2050 00:00:00	☉	00°11'03" ♌	-00°04'23"	00°00'00"	00°58'42"	1.004
23/09/2050 00:00:00	☾	16°45'51" ♋	-19°51'49"	02°55'23"	12°53'41"	0.003
23/09/2050 00:00:00	☿	18°37'25" ♌	06°11'15"	01°50'07"	01°48'04"	1.242
23/09/2050 00:00:00	♀	01°17'02" ♍	-18°27'45"	-06°59'40"	00°06'41"	0.354
23/09/2050 00:00:00	♂	17°19'26" ♋	-20°16'35"	-04°52'32"	00°07'39"	0.468
23/09/2050 00:00:00	♃	25°19'35" ♌	13°44'00"	00°41'58"	00°11'53"	6.122
23/09/2050 00:00:00	♅	02°25'20" ♋	-20°12'03"	-00°36'15"	-00°01'19"	9.373
23/09/2050 00:00:00	♁	21°43'31" ♌	03°56'57"	00°43'39"	00°03'45"	19.275
23/09/2050 00:00:00	♆	28°14'57" ♂	18°03'49"	-01°44'33"	-00°00'42"	29.274
23/09/2050 00:00:00	♁	09°08'04" ♋	-20°26'58"	-13°19'53"	-00°01'09"	40.688
23/09/2050 00:00:00	♁	12°30'09" ♍	-15°35'03"	00°00'00"	00°01'10"	0.003
23/09/2050 00:00:00	♃	07°18'17" ♋	-17°01'48"	04°33'07"	00°04'18"	10.324
23/09/2050 00:00:00	♄	17°29'21" ♌	00°59'13"	-04°17'31"	00°06'42"	0.003
23/09/2050 00:00:00	T♄	12°30'09" ♍	-15°35'03"	00°00'00"	00°01'10"	0.003
23/09/2050 00:00:00	T♄	07°19'18" ♌	-05°39'08"	-02°59'29"	01°10'13"	0.003



Ephemerides year 2050

23/09/2050 00:00:00	X	01°20'16" 	06°46'00"	-05°30'18"	-00°00'30"	91.951
23/09/2050 00:00:00	Y	19°10'34" 	12°01'32"	-10°59'53"	-00°00'02"	77.838
24/09/2050 00:00:00		01°09'46" 	-00°27'44"	00°00'00"	00°58'43"	1.003
24/09/2050 00:00:00		29°50'41" 	-19°36'51"	03°48'59"	13°16'31"	0.003
24/09/2050 00:00:00		20°25'59" 	05°29'28"	01°51'04"	01°48'58"	1.261
24/09/2050 00:00:00		01°22'36" 	-18°36'07"	-07°06'30"	00°04'27"	0.348
24/09/2050 00:00:00		17°27'29" 	-20°09'54"	-04°48'07"	00°08'25"	0.473
24/09/2050 00:00:00		25°31'27" 	13°40'08"	00°42'06"	00°11'50"	6.113
24/09/2050 00:00:00		02°24'03" 	-20°12'22"	-00°36'16"	-00°01'13"	9.387
24/09/2050 00:00:00		21°47'16" 	03°55'29"	00°43'39"	00°03'44"	19.272
24/09/2050 00:00:00		28°14'13" 	18°03'37"	-01°44'36"	-00°00'44"	29.260
24/09/2050 00:00:00		09°06'54" 	-20°27'20"	-13°19'47"	-00°01'09"	40.695
24/09/2050 00:00:00		12°30'52" 	-15°35'16"	00°00'00"	00°00'08"	0.003
24/09/2050 00:00:00		07°22'38" 	-17°02'43"	04°32'54"	00°04'23"	10.341
24/09/2050 00:00:00		17°36'03" 	00°57'05"	-04°17'02"	00°06'42"	0.003
24/09/2050 00:00:00	TΩ	12°30'52" 	-15°35'16"	00°00'00"	00°00'08"	0.003
24/09/2050 00:00:00	T♄	07°54'37" 	-05°50'48"	-02°56'58"	-00°00'25"	0.003
24/09/2050 00:00:00	X	01°19'45" 	06°45'50"	-05°30'18"	-00°00'31"	91.942
24/09/2050 00:00:00	Y	19°10'32" 	12°01'23"	-11°00'01"	-00°00'02"	77.822

Ephemerides year 2050

25/09/2050 00:00:00	☉	02°08'31" ♈	-00°51'05"	00°00'00"	00°58'45"	1.003
25/09/2050 00:00:00	☾	13°19'53" ♎	-18°15'22"	04°31'44"	13°42'13"	0.003
25/09/2050 00:00:00	♀	22°15'17" ♍	04°46'29"	01°51'12"	01°49'34"	1.278
25/09/2050 00:00:00	♀	01°25'55" ♍	-18°43'25"	-07°13'04"	00°02'10"	0.343
25/09/2050 00:00:00	♂	17°36'17" ♋	-20°02'58"	-04°43'42"	00°09'10"	0.477
25/09/2050 00:00:00	♋	25°43'15" ♋	13°36'17"	00°42'15"	00°11'46"	6.104
25/09/2050 00:00:00	♌	02°22'52" ♋	-20°12'40"	-00°36'18"	-00°01'08"	9.401
25/09/2050 00:00:00	♍	21°51'01" ♍	03°54'00"	00°43'39"	00°03'44"	19.269
25/09/2050 00:00:00	♎	28°13'28" ♎	18°03'24"	-01°44'39"	-00°00'46"	29.246
25/09/2050 00:00:00	♏	09°05'45" ♏	-20°27'42"	-13°19'42"	-00°01'08"	40.702
25/09/2050 00:00:00	♏	12°30'16" ♏	-15°35'06"	00°00'00"	-00°01'23"	0.003
25/09/2050 00:00:00	♐	07°27'04" ♐	-17°03'39"	04°32'41"	00°04'27"	10.358
25/09/2050 00:00:00	♑	17°42'45" ♑	00°54'56"	-04°16'32"	00°06'41"	0.003
25/09/2050 00:00:00	♑	12°30'16" ♑	-15°35'06"	00°00'00"	-00°01'23"	0.003
25/09/2050 00:00:00	♒	07°19'05" ♒	-05°39'06"	-02°59'32"	-01°09'01"	0.003
25/09/2050 00:00:00	♓	01°19'14" ♓	06°45'40"	-05°30'17"	-00°00'31"	91.933
25/09/2050 00:00:00	♓	19°10'29" ♓	12°01'15"	-11°00'09"	-00°00'03"	77.805
26/09/2050 00:00:00	☉	03°07'18" ♈	-01°14'26"	00°00'00"	00°58'47"	1.003
26/09/2050 00:00:00	☾	27°15'32" ♎	-15°47'30"	05°00'06"	14°09'05"	0.002

Ephemerides year 2050

26/09/2050 00:00:00	♀	24°05'02" ♍	04°02'30"	01°50'37"	01°49'54"	1.295
26/09/2050 00:00:00	♀	01°26'56" ♍	-18°49'35"	-07°19'17"	-00°00'09"	0.337
26/09/2050 00:00:00	♂	17°45'50" ♋	-19°55'49"	-04°39'18"	00°09'55"	0.482
26/09/2050 00:00:00	♋	25°55'00" ♋	13°32'26"	00°42'23"	00°11'42"	6.095
26/09/2050 00:00:00	♌	02°21'47" ♋	-20°12'56"	-00°36'19"	-00°01'02"	9.416
26/09/2050 00:00:00	♌	21°54'45" ♍	03°52'32"	00°43'40"	00°03'43"	19.266
26/09/2050 00:00:00	♍	28°12'41" ♋	18°03'11"	-01°44'41"	-00°00'48"	29.232
26/09/2050 00:00:00	♌	09°04'37" ♋	-20°28'03"	-13°19'36"	-00°01'08"	40.710
26/09/2050 00:00:00	♌	12°28'02" ♍	-15°34'25"	00°00'00"	-00°03'03"	0.003
26/09/2050 00:00:00	♌	07°31'34" ♋	-17°04'34"	04°32'28"	00°04'32"	10.374
26/09/2050 00:00:00	♀	17°49'27" ♍	00°52'47"	-04°16'03"	00°06'41"	0.003
26/09/2050 00:00:00	T♌	12°28'02" ♍	-15°34'25"	00°00'00"	-00°03'03"	0.003
26/09/2050 00:00:00	T♀	05°42'33" ♋	-05°07'08"	-03°06'24"	-01°59'47"	0.003
26/09/2050 00:00:00	X	01°18'42" ♋	06°45'29"	-05°30'17"	-00°00'31"	91.925
26/09/2050 00:00:00	Y	19°10'25" ♋	12°01'07"	-11°00'17"	-00°00'04"	77.788
27/09/2050 00:00:00	♌	04°06'06" ♋	-01°37'46"	00°00'00"	00°58'48"	1.003
27/09/2050 00:00:00	♌	11°37'38" ♋	-12°18'27"	05°10'51"	14°34'39"	0.002
27/09/2050 00:00:00	♀	25°55'00" ♍	03°17'43"	01°49'21"	01°50'00"	1.310
27/09/2050 00:00:00	♀	01°25'35" ♍	-18°54'35"	-07°25'10"	-00°02'31"	0.332

Ephemerides year 2050

27/09/2050 00:00:00	♂	17°56'07" ♁	-19°48'26"	-04°34'55"	00°10'38"	0.487
27/09/2050 00:00:00	♃	26°06'41" ♁	13°28'37"	00°42'32"	00°11'38"	6.085
27/09/2050 00:00:00	♅	02°20'47" ♁	-20°13'11"	-00°36'21"	-00°00'56"	9.430
27/09/2050 00:00:00	♁	21°58'28" ♃	03°51'05"	00°43'40"	00°03'43"	19.262
27/09/2050 00:00:00	♃	28°11'51" ♂	18°02'57"	-01°44'44"	-00°00'49"	29.218
27/09/2050 00:00:00	♁	09°03'29" ♃	-20°28'24"	-13°19'30"	-00°01'07"	40.718
27/09/2050 00:00:00	♁	12°24'14" ♃	-15°33'15"	00°00'00"	-00°04'28"	0.003
27/09/2050 00:00:00	♃	07°36'09" ♂	-17°05'30"	04°32'15"	00°04'36"	10.391
27/09/2050 00:00:00	♁	17°56'08" ♃	00°50'39"	-04°15'33"	00°06'41"	0.003
27/09/2050 00:00:00	♁	12°24'14" ♃	-15°33'15"	00°00'00"	-00°04'28"	0.003
27/09/2050 00:00:00	♁	03°29'26" ♃	-04°22'43"	-03°15'36"	-02°21'14"	0.003
27/09/2050 00:00:00	X	01°18'10" ♂	06°45'19"	-05°30'16"	-00°00'32"	91.917
27/09/2050 00:00:00	Y	19°10'20" ♃	12°00'59"	-11°00'25"	-00°00'05"	77.772
28/09/2050 00:00:00	♁	05°04'55" ♃	-02°01'06"	00°00'00"	00°58'50"	1.002
28/09/2050 00:00:00	♁	26°23'23" ♁	-07°58'53"	05°01'39"	14°55'50"	0.002
28/09/2050 00:00:00	♁	27°44'59" ♃	02°32'17"	01°47'28"	01°49'55"	1.324
28/09/2050 00:00:00	♀	01°21'51" ♃	-18°58'23"	-07°30'38"	-00°04'55"	0.327
28/09/2050 00:00:00	♂	18°07'07" ♁	-19°40'50"	-04°30'33"	00°11'21"	0.491
28/09/2050 00:00:00	♃	26°18'18" ♁	13°24'48"	00°42'41"	00°11'34"	6.076

Ephemerides year 2050

28/09/2050 00:00:00	♃	02°19'54" ♁	-20°13'25"	-00°36'22"	-00°00'50"	9.445
28/09/2050 00:00:00	♃	22°02'11" ♃	03°49'37"	00°43'41"	00°03'42"	19.258
28/09/2050 00:00:00	♃	28°11'01" ♃	18°02'44"	-01°44'47"	-00°00'51"	29.204
28/09/2050 00:00:00	♃	09°02'22" ♃	-20°28'44"	-13°19'24"	-00°01'06"	40.726
28/09/2050 00:00:00	♃	12°19'17" ♃	-15°31'45"	00°00'00"	-00°05'18"	0.003
28/09/2050 00:00:00	♃	07°40'48" ♃	-17°06'27"	04°32'02"	00°04'40"	10.407
28/09/2050 00:00:00	♃	18°02'50" ♃	00°48'31"	-04°15'03"	00°06'41"	0.003
28/09/2050 00:00:00	♃	12°19'17" ♃	-15°31'45"	00°00'00"	-00°05'18"	0.003
28/09/2050 00:00:00	♃	01°09'20" ♃	-03°35'38"	-03°24'59"	-02°15'24"	0.003
28/09/2050 00:00:00	X	01°17'38" ♃	06°45'08"	-05°30'16"	-00°00'32"	91.909
28/09/2050 00:00:00	Y	19°10'14" ♃	12°00'51"	-11°00'33"	-00°00'06"	77.755
29/09/2050 00:00:00	♃	06°03'47" ♃	-02°24'25"	00°00'00"	00°58'52"	1.002
29/09/2050 00:00:00	♃	11°26'51" ♃	-03°04'36"	04°31'43"	15°09'36"	0.002
29/09/2050 00:00:00	♃	29°34'48" ♃	01°46'22"	01°45'01"	01°49'40"	1.337
29/09/2050 00:00:00	♃	01°15'43" ♃	-19°00'54"	-07°35'41"	-00°07'20"	0.322
29/09/2050 00:00:00	♃	18°18'50" ♃	-19°33'01"	-04°26'11"	00°12'03"	0.496
29/09/2050 00:00:00	♃	26°29'51" ♃	13°21'00"	00°42'49"	00°11'30"	6.066
29/09/2050 00:00:00	♃	02°19'06" ♃	-20°13'37"	-00°36'24"	-00°00'44"	9.460
29/09/2050 00:00:00	♃	22°05'53" ♃	03°48'10"	00°43'41"	00°03'41"	19.254

Ephemerides year 2050

29/09/2050 00:00:00	♁	28°10'08"	♄	18°02'29"	-01°44'50"	-00°00'53"	29.191
29/09/2050 00:00:00	♁	09°01'15"	♄	-20°29'03"	-13°19'17"	-00°01'06"	40.734
29/09/2050 00:00:00	♁	12°13'53"	♄	-15°30'06"	00°00'00"	-00°05'20"	0.003
29/09/2050 00:00:00	♁	07°45'31"	♄	-17°07'23"	04°31'50"	00°04'45"	10.423
29/09/2050 00:00:00	♁	18°09'32"	♄	00°46'22"	-04°14'33"	00°06'41"	0.003
29/09/2050 00:00:00	T♁	12°13'53"	♄	-15°30'06"	00°00'00"	-00°05'20"	0.003
29/09/2050 00:00:00	T♁	29°02'39"	♄	-02°52'51"	-03°33'14"	-01°57'32"	0.003
29/09/2050 00:00:00	X	01°17'05"	♄	06°44'58"	-05°30'15"	-00°00'32"	91.902
29/09/2050 00:00:00	Y	19°10'08"	♄	12°00'43"	-11°00'40"	-00°00'06"	77.739
30/09/2050 00:00:00	♁	07°02'40"	♄	-02°47'42"	00°00'00"	00°58'54"	1.002
30/09/2050 00:00:00	♁	26°39'22"	♄	02°04'24"	03°42'25"	15°13'41"	0.002
30/09/2050 00:00:00	♁	01°24'18"	♄	01°00'06"	01°42'02"	01°49'18"	1.349
30/09/2050 00:00:00	♁	01°07'10"	♄	-19°02'07"	-07°40'16"	-00°09'45"	0.318
30/09/2050 00:00:00	♁	18°31'14"	♄	-19°25'00"	-04°21'51"	00°12'44"	0.501
30/09/2050 00:00:00	♁	26°41'20"	♄	13°17'14"	00°42'58"	00°11'26"	6.056
30/09/2050 00:00:00	♁	02°18'24"	♄	-20°13'48"	-00°36'25"	-00°00'39"	9.475
30/09/2050 00:00:00	♁	22°09'35"	♄	03°46'43"	00°43'42"	00°03'41"	19.249
30/09/2050 00:00:00	♁	28°09'14"	♄	18°02'15"	-01°44'52"	-00°00'55"	29.178
30/09/2050 00:00:00	♁	09°00'10"	♄	-20°29'22"	-13°19'10"	-00°01'05"	40.742

Ephemerides year 2050

30/09/2050 00:00:00	♏	12°08'51" ♍	-15°28'34"	00°00'00"	-00°04'35"	0.003
30/09/2050 00:00:00	♋	07°50'18" ♈	-17°08'20"	04°31'38"	00°04'49"	10.439
30/09/2050 00:00:00	♌	18°16'14" ♍	00°44'14"	-04°14'03"	00°06'41"	0.003
30/09/2050 00:00:00	♏	12°08'51" ♍	-15°28'34"	00°00'00"	-00°04'35"	0.003
30/09/2050 00:00:00	♌	27°12'09" ♍	-02°15'29"	-03°40'20"	-01°45'40"	0.003
30/09/2050 00:00:00	X	01°16'32" ♄	06°44'47"	-05°30'15"	-00°00'33"	91.895
30/09/2050 00:00:00	Y	19°10'01" ♀	12°00'35"	-11°00'48"	-00°00'07"	77.722
01/10/2050 00:00:00	♏	08°01'35" ♌	-03°10'58"	00°00'00"	00°58'56"	1.001
01/10/2050 00:00:00	♎	11°50'44" ♈	07°05'46"	02°37'24"	15°07'22"	0.002
01/10/2050 00:00:00	♌	03°13'22" ♌	00°13'36"	01°38'34"	01°48'49"	1.360
01/10/2050 00:00:00	♌	00°56'12" ♍	-19°02'00"	-07°44'20"	-00°12'10"	0.313
01/10/2050 00:00:00	♈	18°44'20" ♋	-19°16'47"	-04°17'32"	00°13'25"	0.506
01/10/2050 00:00:00	♉	26°52'44" ♋	13°13'28"	00°43'07"	00°11'22"	6.045
01/10/2050 00:00:00	♈	02°17'48" ♋	-20°13'58"	-00°36'27"	-00°00'33"	9.490
01/10/2050 00:00:00	♌	22°13'16" ♍	03°45'16"	00°43'42"	00°03'40"	19.245
01/10/2050 00:00:00	♌	28°08'18" ♄	18°02'00"	-01°44'55"	-00°00'56"	29.165
01/10/2050 00:00:00	♌	08°59'04" ♀	-20°29'41"	-13°19'03"	-00°01'04"	40.751
01/10/2050 00:00:00	♏	12°04'55" ♍	-15°27'21"	00°00'00"	-00°03'13"	0.003
01/10/2050 00:00:00	♋	07°55'09" ♈	-17°09'17"	04°31'26"	00°04'53"	10.455

Ephemerides year 2050

01/10/2050 00:00:00	☾	18°22'56" ♎	00°42'06"	-04°13'33"	00°06'41"	0.003
01/10/2050 00:00:00	♄	12°04'55" ♎	-15°27'21"	00°00'00"	-00°03'13"	0.003
01/10/2050 00:00:00	♄	25°25'35" ♎	-01°39'30"	-03°47'08"	-01°50'35"	0.003
01/10/2050 00:00:00	X	01°15'59" ♄	06°44'36"	-05°30'14"	-00°00'33"	91.888
01/10/2050 00:00:00	Y	19°09'53" ♄	12°00'26"	-11°00'56"	-00°00'08"	77.706
02/10/2050 00:00:00	☉	09°00'32" ♌	-03°34'11"	00°00'00"	00°58'58"	1.001
02/10/2050 00:00:00	☾	26°50'58" ♎	11°37'19"	01°22'05"	14°51'41"	0.002
02/10/2050 00:00:00	♀	05°01'56" ♌	-00°33'00"	01°34'40"	01°48'16"	1.370
02/10/2050 00:00:00	♀	00°42'50" ♎	-19°00'29"	-07°47'50"	-00°14'33"	0.309
02/10/2050 00:00:00	♂	18°58'05" ♋	-19°08'22"	-04°13'15"	00°14'04"	0.511
02/10/2050 00:00:00	♃	27°04'05" ♌	13°09'43"	00°43'16"	00°11'18"	6.035
02/10/2050 00:00:00	♃	02°17'18" ♋	-20°14'06"	-00°36'28"	-00°00'27"	9.505
02/10/2050 00:00:00	♃	22°16'56" ♎	03°43'50"	00°43'43"	00°03'39"	19.240
02/10/2050 00:00:00	♃	28°07'20" ♄	18°01'45"	-01°44'58"	-00°00'58"	29.152
02/10/2050 00:00:00	♃	08°58'00" ♄	-20°29'58"	-13°18'55"	-00°01'03"	40.760
02/10/2050 00:00:00	♄	12°02'30" ♎	-15°26'37"	00°00'00"	-00°01'35"	0.003
02/10/2050 00:00:00	♃	08°00'05" ♄	-17°10'15"	04°31'15"	00°04'57"	10.471
02/10/2050 00:00:00	☾	18°29'37" ♎	00°39'58"	-04°13'02"	00°06'41"	0.003
02/10/2050 00:00:00	♄	12°02'30" ♎	-15°26'37"	00°00'00"	-00°01'35"	0.003



Ephemerides year 2050

02/10/2050 00:00:00	T♄	23°25'25" ♍	-00°59'00"	-03°54'43"	-02°11'46"	0.003
02/10/2050 00:00:00	X	01°15'25" ♂	06°44'26"	-05°30'13"	-00°00'33"	91.881
02/10/2050 00:00:00	Y	19°09'44" ♀	12°00'18"	-11°01'03"	-00°00'09"	77.690
03/10/2050 00:00:00	☉	09°59'32" ♌	-03°57'22"	00°00'00"	00°59'00"	1.001
03/10/2050 00:00:00	☾	11°31'47" ♂	15°19'46"	00°02'43"	14°29'01"	0.002
03/10/2050 00:00:00	♀	06°49'53" ♌	-01°19'37"	01°30'23"	01°47'38"	1.379
03/10/2050 00:00:00	♀	00°27'06" ♍	-18°57'34"	-07°50'46"	-00°16'54"	0.305
03/10/2050 00:00:00	♂	19°12'29" ♋	-18°59'45"	-04°08'58"	00°14'43"	0.517
03/10/2050 00:00:00	♃	27°15'21" ♏	13°06'00"	00°43'25"	00°11'14"	6.024
03/10/2050 00:00:00	♅	02°16'54" ♋	-20°14'12"	-00°36'29"	-00°00'21"	9.520
03/10/2050 00:00:00	♁	22°20'36" ♍	03°42'24"	00°43'44"	00°03'39"	19.234
03/10/2050 00:00:00	♃	28°06'21" ♂	18°01'29"	-01°45'00"	-00°00'59"	29.139
03/10/2050 00:00:00	♁	08°56'57" ♋	-20°30'16"	-13°18'47"	-00°01'03"	40.770
03/10/2050 00:00:00	♁	12°01'42" ♍	-15°26'22"	00°00'00"	-00°00'02"	0.003
03/10/2050 00:00:00	♃	08°05'04" ♂	-17°11'13"	04°31'03"	00°05'01"	10.486
03/10/2050 00:00:00	♁	18°36'19" ♍	00°37'50"	-04°12'32"	00°06'41"	0.003
03/10/2050 00:00:00	T♁	12°01'42" ♍	-15°26'22"	00°00'00"	-00°00'02"	0.003
03/10/2050 00:00:00	T♄	21°00'17" ♍	-00°10'06"	-04°03'34"	-02°37'58"	0.003
03/10/2050 00:00:00	X	01°14'51" ♂	06°44'15"	-05°30'13"	-00°00'33"	91.874

Ephemerides year 2050

03/10/2050 00:00:00	Y	19°09'35" ♀	12°00'10"	-11°01'11"	-00°00'09"	77.674
04/10/2050 00:00:00	☉	10°58'33" ♄	-04°20'31"	00°00'00"	00°59'02"	1.001
04/10/2050 00:00:00	☾	25°47'42" ♂	17°59'22"	-01°14'43"	14°02'24"	0.002
04/10/2050 00:00:00	♀	08°37'12" ♄	-02°06'11"	01°25'44"	01°46'58"	1.387
04/10/2050 00:00:00	♀	00°09'02" ♃	-18°53'12"	-07°53'03"	-00°19'12"	0.301
04/10/2050 00:00:00	♂	19°27'31" ♁	-18°50'56"	-04°04'44"	00°15'21"	0.522
04/10/2050 00:00:00	♃	27°26'33" ♂	13°02'18"	00°43'34"	00°11'09"	6.014
04/10/2050 00:00:00	♅	02°16'35" ♁	-20°14'18"	-00°36'31"	-00°00'15"	9.536
04/10/2050 00:00:00	♁	22°24'14" ♃	03°40'58"	00°43'44"	00°03'38"	19.229
04/10/2050 00:00:00	♃	28°05'20" ♂	18°01'13"	-01°45'03"	-00°01'01"	29.127
04/10/2050 00:00:00	♁	08°55'54" ♃	-20°30'32"	-13°18'39"	-00°01'02"	40.779
04/10/2050 00:00:00	♁	12°02'16" ♃	-15°26'32"	00°00'00"	00°01'04"	0.003
04/10/2050 00:00:00	♃	08°10'08" ♂	-17°12'11"	04°30'52"	00°05'05"	10.502
04/10/2050 00:00:00	♀	18°43'01" ♃	00°35'42"	-04°12'01"	00°06'41"	0.003
04/10/2050 00:00:00	T♁	12°02'16" ♃	-15°26'32"	00°00'00"	00°01'04"	0.003
04/10/2050 00:00:00	T♀	18°13'26" ♃	00°46'06"	-04°13'12"	-02°52'21"	0.003
04/10/2050 00:00:00	X	01°14'17" ♂	06°44'04"	-05°30'12"	-00°00'34"	91.868
04/10/2050 00:00:00	Y	19°09'25" ♀	12°00'02"	-11°01'18"	-00°00'10"	77.658
05/10/2050 00:00:00	☉	11°57'37" ♄	-04°43'36"	-00°00'00"	00°59'05"	1.000

Ephemerides year 2050

05/10/2050 00:00:00	♃	09°36'15" ♀	19°29'11"	-02°25'24"	13°34'46"	0.003
05/10/2050 00:00:00	♃	10°23'50" ♀	-02°52'35"	01°20'47"	01°46'15"	1.394
05/10/2050 00:00:00	♃	29°48'42" ♀	-18°47'22"	-07°54'39"	-00°21'26"	0.298
05/10/2050 00:00:00	♃	19°43'12" ♀	-18°41'57"	-04°00'31"	00°15'58"	0.527
05/10/2050 00:00:00	♃	27°37'40" ♀	12°58'37"	00°43'44"	00°11'05"	6.003
05/10/2050 00:00:00	♃	02°16'23" ♀	-20°14'22"	-00°36'32"	-00°00'09"	9.551
05/10/2050 00:00:00	♃	22°27'52" ♀	03°39'32"	00°43'45"	00°03'37"	19.223
05/10/2050 00:00:00	♃	28°04'18" ♀	18°00'57"	-01°45'05"	-00°01'03"	29.115
05/10/2050 00:00:00	♃	08°54'53" ♀	-20°30'48"	-13°18'31"	-00°01'01"	40.789
05/10/2050 00:00:00	♃	12°03'40" ♀	-15°26'58"	00°00'00"	00°01'35"	0.003
05/10/2050 00:00:00	♃	08°15'16" ♀	-17°13'09"	04°30'41"	00°05'09"	10.517
05/10/2050 00:00:00	♃	18°49'43" ♀	00°33'34"	-04°11'30"	00°06'41"	0.003
05/10/2050 00:00:00	♃	12°03'40" ♀	-15°26'58"	00°00'00"	00°01'35"	0.003
05/10/2050 00:00:00	♃	15°24'00" ♀	01°43'06"	-04°22'20"	-02°41'50"	0.003
05/10/2050 00:00:00	X	01°13'43" ♀	06°43'53"	-05°30'11"	-00°00'34"	91.862
05/10/2050 00:00:00	Y	19°09'14" ♀	11°59'53"	-11°01'26"	-00°00'11"	77.642
06/10/2050 00:00:00	♃	12°56'44" ♀	-05°06'39"	-00°00'00"	00°59'07"	1.000
06/10/2050 00:00:00	♃	22°57'42" ♀	19°49'07"	-03°25'47"	13°08'30"	0.003
06/10/2050 00:00:00	♃	12°09'43" ♀	-03°38'46"	01°15'31"	01°45'31"	1.400

Ephemerides year 2050

06/10/2050 00:00:00	♀	29°26'11" ♈	-18°40'04"	-07°55'33"	-00°23'34"	0.294
06/10/2050 00:00:00	♂	19°59'29" ♍	-18°32'46"	-03°56'20"	00°16'35"	0.533
06/10/2050 00:00:00	♃	27°48'43" ♏	12°54'57"	00°43'53"	00°11'00"	5.992
06/10/2050 00:00:00	♅	02°16'17" ♎	-20°14'24"	-00°36'33"	-00°00'03"	9.567
06/10/2050 00:00:00	♁	22°31'29" ♎	03°38'07"	00°43'46"	00°03'36"	19.217
06/10/2050 00:00:00	♃	28°03'14" ♏	18°00'40"	-01°45'08"	-00°01'04"	29.103
06/10/2050 00:00:00	♅	08°53'52" ♎	-20°31'04"	-13°18'22"	-00°01'00"	40.799
06/10/2050 00:00:00	♁	12°05'15" ♎	-15°27'27"	00°00'00"	00°01'27"	0.003
06/10/2050 00:00:00	♃	08°20'28" ♏	-17°14'07"	04°30'30"	00°05'13"	10.533
06/10/2050 00:00:00	♁	18°56'25" ♎	00°31'26"	-04°10'59"	00°06'41"	0.003
06/10/2050 00:00:00	T♁	12°05'15" ♎	-15°27'27"	00°00'00"	00°01'27"	0.003
06/10/2050 00:00:00	T♃	12°58'29" ♎	02°31'54"	-04°29'38"	-02°05'30"	0.003
06/10/2050 00:00:00	X	01°13'09" ♏	06°43'42"	-05°30'10"	-00°00'34"	91.857
06/10/2050 00:00:00	Y	19°09'02" ♎	11°59'45"	-11°01'33"	-00°00'11"	77.626
07/10/2050 00:00:00	☉	13°55'52" ♈	-05°29'37"	-00°00'00"	00°59'09"	1.000
07/10/2050 00:00:00	☾	05°54'17" ♉	19°04'30"	-04°13'40"	12°45'15"	0.003
07/10/2050 00:00:00	☿	13°54'52" ♈	-04°24'40"	01°10'01"	01°44'46"	1.406
07/10/2050 00:00:00	♀	29°01'35" ♈	-18°31'17"	-07°55'42"	-00°25'37"	0.291
07/10/2050 00:00:00	♂	20°16'23" ♍	-18°23'24"	-03°52'10"	00°17'11"	0.538

Ephemerides year 2050

07/10/2050 00:00:00	♃	27°59'42" ♏	12°51'18"	00°44'03"	00°10'55"	5.981
07/10/2050 00:00:00	♅	02°16'17" ♊	-20°14'26"	-00°36'34"	00°00'02"	9.582
07/10/2050 00:00:00	♆	22°35'05" ♎	03°36'43"	00°43'46"	00°03'35"	19.211
07/10/2050 00:00:00	♇	28°02'09" ♄	18°00'23"	-01°45'10"	-00°01'06"	29.091
07/10/2050 00:00:00	♁	08°52'52" ♉	-20°31'18"	-13°18'13"	-00°00'59"	40.810
07/10/2050 00:00:00	♄	12°06'23" ♎	-15°27'48"	00°00'00"	00°00'44"	0.003
07/10/2050 00:00:00	♅	08°25'43" ♈	-17°15'06"	04°30'20"	00°05'17"	10.548
07/10/2050 00:00:00	♆	19°03'07" ♎	00°29'18"	-04°10'28"	00°06'41"	0.003
07/10/2050 00:00:00	T♄	12°06'23" ♎	-15°27'48"	00°00'00"	00°00'44"	0.003
07/10/2050 00:00:00	T♅	11°18'06" ♎	03°05'28"	-04°34'21"	-01°13'54"	0.003
07/10/2050 00:00:00	X	01°12'34" ♄	06°43'31"	-05°30'09"	-00°00'34"	91.851
07/10/2050 00:00:00	Y	19°08'50" ♉	11°59'37"	-11°01'41"	-00°00'12"	77.611
08/10/2050 00:00:00	♁	14°55'03" ♉	-05°52'31"	-00°00'00"	00°59'12"	0.999
08/10/2050 00:00:00	♂	18°29'32" ♊	17°23'59"	-04°47'54"	12°25'57"	0.003
08/10/2050 00:00:00	♆	15°39'16" ♉	-05°10'14"	01°04'17"	01°44'00"	1.410
08/10/2050 00:00:00	♇	28°34'59" ♉	-18°21'01"	-07°55'04"	-00°27'32"	0.289
08/10/2050 00:00:00	♈	20°33'52" ♊	-18°13'52"	-03°48'02"	00°17'46"	0.544
08/10/2050 00:00:00	♃	28°10'35" ♏	12°47'41"	00°44'12"	00°10'51"	5.969
08/10/2050 00:00:00	♅	02°16'23" ♊	-20°14'25"	-00°36'36"	00°00'08"	9.598

Ephemerides year 2050

08/10/2050 00:00:00	♃	22°38'40"	♍	03°35'19"	00°43'47"	00°03'34"	19.204
08/10/2050 00:00:00	♃	28°01'02"	♄	18°00'06"	-01°45'12"	-00°01'07"	29.079
08/10/2050 00:00:00	♃	08°51'53"	♃	-20°31'33"	-13°18'04"	-00°00'58"	40.820
08/10/2050 00:00:00	♄	12°06'36"	♍	-15°27'52"	00°00'00"	-00°00'21"	0.003
08/10/2050 00:00:00	♃	08°31'03"	♂	-17°16'04"	04°30'10"	00°05'21"	10.563
08/10/2050 00:00:00	♃	19°09'48"	♍	00°27'10"	-04°09'57"	00°06'41"	0.003
08/10/2050 00:00:00	♄	12°06'36"	♍	-15°27'52"	00°00'00"	-00°00'21"	0.003
08/10/2050 00:00:00	♄	10°31'06"	♍	03°21'10"	-04°36'26"	-00°20'51"	0.003
08/10/2050 00:00:00	♃	01°11'59"	♄	06°43'21"	-05°30'08"	-00°00'34"	91.846
08/10/2050 00:00:00	♃	19°08'37"	♃	11°59'28"	-11°01'48"	-00°00'13"	77.595
09/10/2050 00:00:00	♃	15°54'16"	♄	-06°15'21"	-00°00'00"	00°59'14"	0.999
09/10/2050 00:00:00	♃	00°47'38"	♄	14°57'29"	-05°08'00"	12°10'59"	0.003
09/10/2050 00:00:00	♃	17°22'53"	♄	-05°55'24"	00°58'20"	01°43'14"	1.414
09/10/2050 00:00:00	♃	28°06'33"	♃	-18°09'18"	-07°53'38"	-00°29'19"	0.286
09/10/2050 00:00:00	♃	20°51'56"	♄	-18°04'09"	-03°43'57"	00°18'21"	0.549
09/10/2050 00:00:00	♃	28°21'24"	♄	12°44'05"	00°44'22"	00°10'46"	5.958
09/10/2050 00:00:00	♃	02°16'34"	♄	-20°14'24"	-00°36'37"	00°00'14"	9.614
09/10/2050 00:00:00	♃	22°42'14"	♍	03°33'55"	00°43'48"	00°03'33"	19.197
09/10/2050 00:00:00	♃	27°59'53"	♄	17°59'49"	-01°45'15"	-00°01'09"	29.068

Ephemerides year 2050

09/10/2050 00:00:00	♁	08°50'55" ♃	-20°31'46"	-13°17'54"	-00°00'57"	40.831
09/10/2050 00:00:00	♁	12°05'37" ♃	-15°27'34"	00°00'00"	-00°01'35"	0.003
09/10/2050 00:00:00	♃	08°36'26" ♃	-17°17'03"	04°30'00"	00°05'25"	10.578
09/10/2050 00:00:00	♁	19°16'30" ♃	00°25'02"	-04°09'26"	00°06'41"	0.003
09/10/2050 00:00:00	♁	12°05'37" ♃	-15°27'34"	00°00'00"	-00°01'35"	0.003
09/10/2050 00:00:00	♁	10°33'25" ♃	03°20'27"	-04°36'16"	00°23'31"	0.003
09/10/2050 00:00:00	♁	01°11'24" ♃	06°43'10"	-05°30'07"	-00°00'35"	91.842
09/10/2050 00:00:00	♁	19°08'23" ♃	11°59'20"	-11°01'55"	-00°00'14"	77.580
10/10/2050 00:00:00	♁	16°53'32" ♃	-06°38'06"	-00°00'00"	00°59'16"	0.999
10/10/2050 00:00:00	♁	12°52'57" ♃	11°54'55"	-05°14'00"	12°00'18"	0.003
10/10/2050 00:00:00	♁	19°05'44" ♃	-06°40'08"	00°52'13"	01°42'28"	1.418
10/10/2050 00:00:00	♁	27°36'24" ♃	-17°56'08"	-07°51'21"	-00°30'56"	0.284
10/10/2050 00:00:00	♁	21°10'35" ♃	-17°54'15"	-03°39'53"	00°18'55"	0.555
10/10/2050 00:00:00	♁	28°32'07" ♃	12°40'31"	00°44'32"	00°10'41"	5.946
10/10/2050 00:00:00	♁	02°16'52" ♃	-20°14'21"	-00°36'38"	00°00'20"	9.630
10/10/2050 00:00:00	♁	22°45'47" ♃	03°32'32"	00°43'49"	00°03'32"	19.190
10/10/2050 00:00:00	♁	27°58'43" ♃	17°59'31"	-01°45'17"	-00°01'10"	29.057
10/10/2050 00:00:00	♁	08°49'57" ♃	-20°31'59"	-13°17'44"	-00°00'56"	40.842
10/10/2050 00:00:00	♁	12°03'27" ♃	-15°26'54"	00°00'00"	-00°02'43"	0.003

Ephemerides year 2050
































10/10/2050 00:00:00	♄	08°41'53" ♀	-17°18'02"	04°29'50"	00°05'28"	10.592
10/10/2050 00:00:00	♁	19°23'12" ♀	00°22'55"	-04°08'55"	00°06'41"	0.003
10/10/2050 00:00:00	♁♂	12°03'27" ♀	-15°26'54"	00°00'00"	-00°02'43"	0.003
10/10/2050 00:00:00	♁♁	11°13'40" ♀	03°07'05"	-04°34'23"	00°54'39"	0.003
10/10/2050 00:00:00	X	01°10'49" ♂	06°42'59"	-05°30'05"	-00°00'35"	91.837
10/10/2050 00:00:00	Y	19°08'09" ♀	11°59'12"	-11°02'02"	-00°00'14"	77.564
11/10/2050 00:00:00	♁	17°52'49" ♀	-07°00'46"	-00°00'00"	00°59'18"	0.999
11/10/2050 00:00:00	♁	24°49'36" ♀	08°25'29"	-05°06'17"	11°53'37"	0.003
11/10/2050 00:00:00	♁	20°47'50" ♀	-07°24'23"	00°45'57"	01°41'42"	1.420
11/10/2050 00:00:00	♁	27°04'43" ♀	-17°41'35"	-07°48'13"	-00°32'23"	0.282
11/10/2050 00:00:00	♁	21°29'47" ♀	-17°44'12"	-03°35'51"	00°19'29"	0.561
11/10/2050 00:00:00	♁	28°42'46" ♀	12°36'58"	00°44'42"	00°10'35"	5.934
11/10/2050 00:00:00	♁	02°17'16" ♀	-20°14'17"	-00°36'39"	00°00'26"	9.646
11/10/2050 00:00:00	♁	22°49'19" ♀	03°31'09"	00°43'50"	00°03'31"	19.183
11/10/2050 00:00:00	♁	27°57'32" ♀	17°59'13"	-01°45'19"	-00°01'12"	29.046
11/10/2050 00:00:00	♁	08°49'01" ♀	-20°32'12"	-13°17'34"	-00°00'55"	40.853
11/10/2050 00:00:00	♁	12°00'17" ♀	-15°25'56"	00°00'00"	-00°03'32"	0.003
11/10/2050 00:00:00	♁	08°47'23" ♀	-17°19'01"	04°29'41"	00°05'32"	10.607
11/10/2050 00:00:00	♁	19°29'54" ♀	00°20'47"	-04°08'23"	00°06'41"	0.003



Ephemerides year 2050

11/10/2050 00:00:00	T♁	12°00'17" ♍	-15°25'56"	00°00'00"	-00°03'32"	0.003
11/10/2050 00:00:00	T♆	12°18'18" ♍	02°45'32"	-04°31'21"	01°12'39"	0.003
11/10/2050 00:00:00	X	01°10'13" ♂	06°42'48"	-05°30'04"	-00°00'35"	91.833
11/10/2050 00:00:00	Y	19°07'53" ♀	11°59'04"	-11°02'09"	-00°00'15"	77.549
12/10/2050 00:00:00	☉	18°52'09" ♌	-07°23'20"	-00°00'00"	00°59'20"	0.998
12/10/2050 00:00:00	☾	06°41'23" ♍	04°37'43"	-04°45'28"	11°50'29"	0.003
12/10/2050 00:00:00	♁	22°29'10" ♌	-08°08'08"	00°39'33"	01°40'57"	1.422
12/10/2050 00:00:00	♀	26°31'40" ♋	-17°25'40"	-07°44'12"	-00°33'39"	0.280
12/10/2050 00:00:00	♂	21°49'33" ♋	-17°33'58"	-03°31'51"	00°20'01"	0.566
12/10/2050 00:00:00	♃	28°53'19" ♌	12°33'27"	00°44'52"	00°10'30"	5.922
12/10/2050 00:00:00	♄	02°17'46" ♋	-20°14'11"	-00°36'40"	00°00'32"	9.662
12/10/2050 00:00:00	♅	22°52'49" ♍	03°29'46"	00°43'51"	00°03'29"	19.175
12/10/2050 00:00:00	♆	27°56'19" ♂	17°58'55"	-01°45'21"	-00°01'13"	29.035
12/10/2050 00:00:00	♁	08°48'06" ♋	-20°32'23"	-13°17'24"	-00°00'54"	40.865
12/10/2050 00:00:00	♁	11°56'31" ♍	-15°24'47"	00°00'00"	-00°03'55"	0.003
12/10/2050 00:00:00	♃	08°52'58" ♂	-17°20'00"	04°29'32"	00°05'35"	10.621
12/10/2050 00:00:00	♆	19°36'35" ♍	00°18'40"	-04°07'51"	00°06'41"	0.003
12/10/2050 00:00:00	T♁	11°56'31" ♍	-15°24'47"	00°00'00"	-00°03'55"	0.003
12/10/2050 00:00:00	T♆	13°35'51" ♍	02°19'32"	-04°27'39"	01°21'24"	0.003

Ephemerides year 2050

12/10/2050 00:00:00	X	01°09'38" 	06°42'37"	-05°30'03"	-00°00'35"	91.829
12/10/2050 00:00:00	Y	19°07'37" 	11°58'56"	-11°02'16"	-00°00'16"	77.534
13/10/2050 00:00:00		19°51'31" 	-07°45'48"	-00°00'00"	00°59'23"	0.998
13/10/2050 00:00:00		18°31'35" 	00°39'42"	-04°12'30"	11°50'21"	0.003
13/10/2050 00:00:00		24°09'46" 	-08°51'19"	00°33'02"	01°40'13"	1.423
13/10/2050 00:00:00		25°57'28" 	-17°08'29"	-07°39'19"	-00°34'42"	0.278
13/10/2050 00:00:00		22°09'51" 	-17°23'34"	-03°27'53"	00°20'34"	0.572
13/10/2050 00:00:00		29°03'47" 	12°29'57"	00°45'02"	00°10'25"	5.910
13/10/2050 00:00:00		02°18'22" 	-20°14'04"	-00°36'41"	00°00'38"	9.678
13/10/2050 00:00:00		22°56'18" 	03°28'25"	00°43'52"	00°03'28"	19.167
13/10/2050 00:00:00		27°55'05" 	17°58'36"	-01°45'23"	-00°01'15"	29.025
13/10/2050 00:00:00		08°47'11" 	-20°32'34"	-13°17'13"	-00°00'53"	40.876
13/10/2050 00:00:00		11°52'36" 	-15°23'35"	00°00'00"	-00°03'49"	0.003
13/10/2050 00:00:00		08°58'35" 	-17°20'59"	04°29'23"	00°05'39"	10.635
13/10/2050 00:00:00		19°43'17" 	00°16'32"	-04°07'20"	00°06'41"	0.003
13/10/2050 00:00:00	T $\Omega$	11°52'36" 	-15°23'35"	00°00'00"	-00°03'49"	0.003
13/10/2050 00:00:00	T $\Upsilon$	15°00'26" 	01°51'04"	-04°23'30"	01°28'11"	0.003
13/10/2050 00:00:00	X	01°09'02" 	06°42'26"	-05°30'01"	-00°00'35"	91.825
13/10/2050 00:00:00	Y	19°07'20" 	11°58'47"	-11°02'23"	-00°00'17"	77.520

Ephemerides year 2050

14/10/2050 00:00:00	☉	20°50'55" ♈	-08°08'09"	-00°00'00"	00°59'25"	0.998
14/10/2050 00:00:00	☾	00°22'58" ♈	-03°20'30"	-03°28'35"	11°52'45"	0.003
14/10/2050 00:00:00	♀	25°49'37" ♈	-09°33'56"	00°26'25"	01°39'29"	1.424
14/10/2050 00:00:00	♀	25°22'19" ♏	-16°50'05"	-07°33'33"	-00°35'33"	0.277
14/10/2050 00:00:00	♂	22°30'41" ♏	-17°13'00"	-03°23'58"	00°21'05"	0.578
14/10/2050 00:00:00	♃	29°14'09" ♏	12°26'29"	00°45'12"	00°10'19"	5.898
14/10/2050 00:00:00	♅	02°19'04" ♏	-20°13'55"	-00°36'42"	00°00'45"	9.694
14/10/2050 00:00:00	♁	22°59'46" ♏	03°27'03"	00°43'53"	00°03'27"	19.159
14/10/2050 00:00:00	♃	27°53'49" ♏	17°58'18"	-01°45'26"	-00°01'16"	29.015
14/10/2050 00:00:00	♁	08°46'18" ♏	-20°32'45"	-13°17'02"	-00°00'52"	40.888
14/10/2050 00:00:00	♁	11°49'00" ♏	-15°22'28"	00°00'00"	-00°03'18"	0.003
14/10/2050 00:00:00	♃	09°04'16" ♏	-17°21'58"	04°29'15"	00°05'42"	10.649
14/10/2050 00:00:00	♁	19°49'58" ♏	00°14'25"	-04°06'48"	00°06'41"	0.003
14/10/2050 00:00:00	♁	11°49'00" ♏	-15°22'28"	00°00'00"	-00°03'18"	0.003
14/10/2050 00:00:00	♁	16°34'47" ♏	01°19'09"	-04°18'46"	01°42'34"	0.003
14/10/2050 00:00:00	X	01°08'26" ♏	06°42'15"	-05°30'00"	-00°00'36"	91.822
14/10/2050 00:00:00	Y	19°07'03" ♏	11°58'39"	-11°02'30"	-00°00'17"	77.505
15/10/2050 00:00:00	☉	21°50'22" ♈	-08°30'24"	-00°00'00"	00°59'27"	0.997
15/10/2050 00:00:00	☾	12°17'48" ♈	-07°14'29"	-02°35'20"	11°57'15"	0.003

Ephemerides year 2050

15/10/2050 00:00:00	♀	27°28'46" ♈	-10°15'57"	00°19'43"	01°38'47"	1.424
15/10/2050 00:00:00	♀	24°46'26" ♈	-16°30'34"	-07°26'55"	-00°36'09"	0.276
15/10/2050 00:00:00	♂	22°52'02" ♍	-17°02'17"	-03°20'04"	00°21'36"	0.584
15/10/2050 00:00:00	♃	29°24'26" ♋	12°23'03"	00°45'23"	00°10'14"	5.886
15/10/2050 00:00:00	♃	02°19'52" ♍	-20°13'45"	-00°36'43"	00°00'51"	9.711
15/10/2050 00:00:00	♃	23°03'13" ♎	03°25'43"	00°43'54"	00°03'25"	19.151
15/10/2050 00:00:00	♃	27°52'32" ♎	17°57'59"	-01°45'28"	-00°01'17"	29.005
15/10/2050 00:00:00	♃	08°45'26" ♎	-20°32'55"	-13°16'51"	-00°00'51"	40.900
15/10/2050 00:00:00	♋	11°46'07" ♎	-15°21'35"	00°00'00"	-00°02'26"	0.003
15/10/2050 00:00:00	♋	09°10'01" ♎	-17°22'58"	04°29'06"	00°05'46"	10.663
15/10/2050 00:00:00	♋	19°56'40" ♎	00°12'17"	-04°06'16"	00°06'41"	0.003
15/10/2050 00:00:00	♋	11°46'07" ♎	-15°21'35"	00°00'00"	-00°02'26"	0.003
15/10/2050 00:00:00	♋	18°30'56" ♎	00°39'45"	-04°12'43"	02°12'44"	0.003
15/10/2050 00:00:00	X	01°07'49" ♎	06°42'04"	-05°29'58"	-00°00'36"	91.819
15/10/2050 00:00:00	Y	19°06'45" ♎	11°58'31"	-11°02'37"	-00°00'18"	77.490
16/10/2050 00:00:00	♁	22°49'50" ♈	-08°52'32"	-00°00'00"	00°59'29"	0.997
16/10/2050 00:00:00	♁	24°18'04" ♈	-10°53'13"	-01°34'46"	12°03'32"	0.003
16/10/2050 00:00:00	♀	29°07'12" ♈	-10°57'19"	00°12'58"	01°38'05"	1.423
16/10/2050 00:00:00	♀	24°10'04" ♈	-16°10'01"	-07°19'26"	-00°36'32"	0.275

Ephemerides year 2050

16/10/2050 00:00:00	♂	23°13'54" ♊	-16°51'24"	-03°16'13"	00°22'06"	0.590
16/10/2050 00:00:00	♃	29°34'38" ♏	12°19'38"	00°45'33"	00°10'08"	5.873
16/10/2050 00:00:00	♄	02°20'46" ♊	-20°13'34"	-00°36'44"	00°00'57"	9.727
16/10/2050 00:00:00	♅	23°06'38" ♎	03°24'22"	00°43'55"	00°03'24"	19.142
16/10/2050 00:00:00	♆	27°51'14" ♎	17°57'39"	-01°45'30"	-00°01'18"	28.995
16/10/2050 00:00:00	♁	08°44'35" ♋	-20°33'04"	-13°16'39"	-00°00'50"	40.913
16/10/2050 00:00:00	♁	11°44'10" ♎	-15°20'59"	00°00'00"	-00°01'25"	0.003
16/10/2050 00:00:00	♂	09°15'49" ♎	-17°23'57"	04°28'58"	00°05'49"	10.677
16/10/2050 00:00:00	♁	20°03'22" ♎	00°10'10"	-04°05'44"	00°06'41"	0.003
16/10/2050 00:00:00	♁	11°44'10" ♎	-15°20'59"	00°00'00"	-00°01'25"	0.003
16/10/2050 00:00:00	♁	21°05'59" ♎	-00°12'54"	-04°04'11"	02°59'40"	0.003
16/10/2050 00:00:00	X	01°07'13" ♎	06°41'53"	-05°29'57"	-00°00'36"	91.816
16/10/2050 00:00:00	Y	19°06'26" ♎	11°58'23"	-11°02'44"	-00°00'19"	77.476
17/10/2050 00:00:00	♁	23°49'21" ♎	-09°14'32"	00°00'00"	00°59'31"	0.997
17/10/2050 00:00:00	♁	06°25'27" ♎	-14°07'00"	-00°29'14"	12°11'30"	0.003
17/10/2050 00:00:00	♁	00°44'58" ♎	-11°38'02"	00°06'10"	01°37'25"	1.422
17/10/2050 00:00:00	♀	23°33'27" ♎	-15°48'34"	-07°11'06"	-00°36'40"	0.275
17/10/2050 00:00:00	♂	23°36'16" ♊	-16°40'21"	-03°12'24"	00°22'36"	0.596
17/10/2050 00:00:00	♃	29°44'43" ♏	12°16'16"	00°45'44"	00°10'02"	5.860

Ephemerides year 2050

17/10/2050 00:00:00	♃	02°21'46" ♊	-20°13'21"	-00°36'45"	00°01'03"	9.743
17/10/2050 00:00:00	♅	23°10'02" ♌	03°23'03"	00°43'56"	00°03'23"	19.134
17/10/2050 00:00:00	♆	27°49'54" ♍	17°57'20"	-01°45'31"	-00°01'20"	28.985
17/10/2050 00:00:00	♁	08°43'44" ♋	-20°33'12"	-13°16'28"	-00°00'49"	40.925
17/10/2050 00:00:00	♄	11°43'15" ♌	-15°20'42"	00°00'00"	-00°00'24"	0.003
17/10/2050 00:00:00	♂	09°21'40" ♊	-17°24'56"	04°28'51"	00°05'52"	10.690
17/10/2050 00:00:00	♁	20°10'03" ♌	00°08'03"	-04°05'11"	00°06'41"	0.003
17/10/2050 00:00:00	♄	11°43'15" ♌	-15°20'42"	00°00'00"	-00°00'24"	0.003
17/10/2050 00:00:00	♁	24°32'47" ♌	-01°23'05"	-03°51'59"	03°53'49"	0.003
17/10/2050 00:00:00	X	01°06'37" ♍	06°41'42"	-05°29'55"	-00°00'36"	91.814
17/10/2050 00:00:00	Y	19°06'06" ♋	11°58'15"	-11°02'50"	-00°00'19"	77.462
18/10/2050 00:00:00	♁	24°48'53" ♌	-09°36'24"	00°00'00"	00°59'33"	0.997
18/10/2050 00:00:00	♃	18°41'38" ♌	-16°45'46"	00°38'29"	12°21'08"	0.003
18/10/2050 00:00:00	♁	02°22'03" ♌	-12°18'05"	-00°00'39"	01°36'45"	1.421
18/10/2050 00:00:00	♁	22°56'49" ♋	-15°26'20"	-07°01'58"	-00°36'33"	0.275
18/10/2050 00:00:00	♂	23°59'07" ♊	-16°29'09"	-03°08'38"	00°23'05"	0.602
18/10/2050 00:00:00	♃	29°54'43" ♌	12°12'55"	00°45'54"	00°09'56"	5.848
18/10/2050 00:00:00	♃	02°22'53" ♊	-20°13'07"	-00°36'46"	00°01'09"	9.760
18/10/2050 00:00:00	♅	23°13'25" ♌	03°21'44"	00°43'57"	00°03'21"	19.125

Ephemerides year 2050

18/10/2050 00:00:00	♁	27°48'33"	♄	17°57'00"	-01°45'33"	-00°01'21"	28.976
18/10/2050 00:00:00	♁	08°42'56"	♄	-20°33'20"	-13°16'16"	-00°00'48"	40.938
18/10/2050 00:00:00	♁	11°43'19"	♄	-15°20'43"	00°00'00"	00°00'27"	0.003
18/10/2050 00:00:00	♁	09°27'35"	♄	-17°25'55"	04°28'43"	00°05'56"	10.703
18/10/2050 00:00:00	♁	20°16'45"	♄	00°05'55"	-04°04'39"	00°06'41"	0.003
18/10/2050 00:00:00	T♁	11°43'19"	♄	-15°20'43"	00°00'00"	00°00'27"	0.003
18/10/2050 00:00:00	T♁	28°50'29"	♄	-02°50'07"	-03°35'32"	04°38'32"	0.003
18/10/2050 00:00:00	X	01°06'00"	♄	06°41'32"	-05°29'53"	-00°00'36"	91.812
18/10/2050 00:00:00	Y	19°05'46"	♄	11°58'06"	-11°02'57"	-00°00'20"	77.448
19/10/2050 00:00:00	♁	25°48'28"	♄	-09°58'08"	00°00'00"	00°59'35"	0.996
19/10/2050 00:00:00	♁	01°08'20"	♄	-18°39'35"	01°45'26"	12°32'34"	0.003
19/10/2050 00:00:00	♁	03°58'29"	♄	-12°57'24"	-00°07'30"	01°36'06"	1.418
19/10/2050 00:00:00	♁	22°20'24"	♄	-15°03'25"	-06°52'04"	-00°36'12"	0.275
19/10/2050 00:00:00	♁	24°22'26"	♄	-16°17'49"	-03°04'54"	00°23'33"	0.609
19/10/2050 00:00:00	♁	00°04'37"	♄	12°09'36"	00°46'05"	00°09'50"	5.835
19/10/2050 00:00:00	♁	02°24'05"	♄	-20°12'52"	-00°36'47"	00°01'15"	9.776
19/10/2050 00:00:00	♁	23°16'46"	♄	03°20'25"	00°43'59"	00°03'20"	19.115
19/10/2050 00:00:00	♁	27°47'11"	♄	17°56'40"	-01°45'35"	-00°01'22"	28.967
19/10/2050 00:00:00	♁	08°42'08"	♄	-20°33'27"	-13°16'03"	-00°00'47"	40.951

Ephemerides year 2050

19/10/2050 00:00:00	♏	11°44'06" ♎	-15°20'58"	00°00'00"	00°01'03"	0.003
19/10/2050 00:00:00	♋	09°33'32" ♌	-17°26'54"	04°28'36"	00°05'59"	10.717
19/10/2050 00:00:00	♌	20°23'26" ♍	00°03'48"	-04°04'07"	00°06'41"	0.003
19/10/2050 00:00:00	♏	11°44'06" ♎	-15°20'58"	00°00'00"	00°01'03"	0.003
19/10/2050 00:00:00	♌	03°41'26" ♍	-04°27'21"	-03°15'26"	04°58'12"	0.003
19/10/2050 00:00:00	X	01°05'24" ♄	06°41'21"	-05°29'52"	-00°00'36"	91.810
19/10/2050 00:00:00	Y	19°05'25" ♃	11°57'58"	-11°03'03"	-00°00'21"	77.434
20/10/2050 00:00:00	♏	26°48'04" ♎	-10°19'42"	00°00'00"	00°59'37"	0.996
20/10/2050 00:00:00	♎	13°47'26" ♏	-19°39'38"	02°48'23"	12°45'59"	0.003
20/10/2050 00:00:00	♌	05°34'17" ♍	-13°36'01"	-00°14'21"	01°35'29"	1.415
20/10/2050 00:00:00	♌	21°44'28" ♍	-14°39'59"	-06°41'27"	-00°35'37"	0.276
20/10/2050 00:00:00	♌	24°46'14" ♍	-16°06'19"	-03°01'12"	00°24'01"	0.615
20/10/2050 00:00:00	♌	00°14'25" ♍	12°06'18"	00°46'16"	00°09'44"	5.822
20/10/2050 00:00:00	♌	02°25'23" ♍	-20°12'35"	-00°36'48"	00°01'21"	9.793
20/10/2050 00:00:00	♌	23°20'05" ♍	03°19'08"	00°44'00"	00°03'18"	19.106
20/10/2050 00:00:00	♌	27°45'48" ♍	17°56'19"	-01°45'37"	-00°01'23"	28.959
20/10/2050 00:00:00	♌	08°41'22" ♍	-20°33'34"	-13°15'51"	-00°00'45"	40.964
20/10/2050 00:00:00	♏	11°45'18" ♎	-15°21'20"	00°00'00"	00°01'18"	0.003
20/10/2050 00:00:00	♋	09°39'33" ♌	-17°27'53"	04°28'29"	00°06'02"	10.729



Ephemerides year 2050

20/10/2050 00:00:00	☾	20°30'08" ♎	00°01'41"	-04°03'34"	00°06'41"	0.003
20/10/2050 00:00:00	♄	11°45'18" ♎	-15°21'20"	00°00'00"	00°01'18"	0.003
20/10/2050 00:00:00	♃	08°35'35" ♎	-06°03'55"	-02°53'38"	04°44'12"	0.003
20/10/2050 00:00:00	X	01°04'48" ♄	06°41'10"	-05°29'50"	-00°00'36"	91.809
20/10/2050 00:00:00	Y	19°05'04" ♄	11°57'50"	-11°03'10"	-00°00'21"	77.420
21/10/2050 00:00:00	☉	27°47'42" ♎	-10°41'08"	00°00'00"	00°59'39"	0.996
21/10/2050 00:00:00	☾	26°41'00" ♄	-19°39'20"	03°44'04"	13°01'30"	0.003
21/10/2050 00:00:00	♀	07°09'28" ♎	-14°13'52"	-00°21'12"	01°34'52"	1.412
21/10/2050 00:00:00	♀	21°09'14" ♎	-14°16'10"	-06°30'08"	-00°34'48"	0.276
21/10/2050 00:00:00	♂	25°10'29" ♎	-15°54'40"	-02°57'33"	00°24'28"	0.621
21/10/2050 00:00:00	♃	00°24'06" ♎	12°03'03"	00°46'27"	00°09'38"	5.808
21/10/2050 00:00:00	♃	02°26'48" ♎	-20°12'17"	-00°36'49"	00°01'27"	9.809
21/10/2050 00:00:00	♃	23°23'23" ♎	03°17'50"	00°44'01"	00°03'17"	19.096
21/10/2050 00:00:00	♃	27°44'24" ♄	17°55'59"	-01°45'38"	-00°01'24"	28.950
21/10/2050 00:00:00	♃	08°40'36" ♄	-20°33'40"	-13°15'38"	-00°00'44"	40.978
21/10/2050 00:00:00	♄	11°46'35" ♎	-15°21'43"	00°00'00"	00°01'12"	0.003
21/10/2050 00:00:00	♃	09°45'37" ♄	-17°28'52"	04°28'23"	00°06'05"	10.742
21/10/2050 00:00:00	☾	20°36'50" ♎	-00°00'25"	-04°03'01"	00°06'41"	0.003
21/10/2050 00:00:00	♄	11°46'35" ♎	-15°21'43"	00°00'00"	00°01'12"	0.003

Ephemerides year 2050

21/10/2050 00:00:00	T♄	12°58'21" ♈	-07°28'13"	-02°33'03"	03°55'55"	0.003
21/10/2050 00:00:00	X	01°04'11" ♂♁	06°40'59"	-05°29'48"	-00°00'36"	91.807
21/10/2050 00:00:00	Y	19°04'42" ♀♁	11°57'42"	-11°03'16"	-00°00'22"	77.407
22/10/2050 00:00:00	☉	28°47'22" ♈	-11°02'25"	00°00'00"	00°59'40"	0.995
22/10/2050 00:00:00	☾	09°51'08" ♁♁	-18°35'22"	04°29'15"	13°19'03"	0.003
22/10/2050 00:00:00	♀	08°44'03" ♀♁	-14°50'58"	-00°28'01"	01°34'16"	1.408
22/10/2050 00:00:00	♀	20°34'56" ♀♁	-13°52'05"	-06°18'12"	-00°33'45"	0.277
22/10/2050 00:00:00	♂	25°35'10" ♁♁	-15°42'53"	-02°53'56"	00°24'54"	0.627
22/10/2050 00:00:00	♃	00°33'42" ♀♁	11°59'50"	00°46'38"	00°09'32"	5.795
22/10/2050 00:00:00	♃	02°28'18" ♁♁	-20°11'57"	-00°36'50"	00°01'33"	9.826
22/10/2050 00:00:00	♃	23°26'40" ♀♁	03°16'34"	00°44'02"	00°03'15"	19.086
22/10/2050 00:00:00	♃	27°42'59" ♂♁	17°55'38"	-01°45'40"	-00°01'25"	28.942
22/10/2050 00:00:00	♃	08°39'52" ♀♁	-20°33'45"	-13°15'26"	-00°00'43"	40.991
22/10/2050 00:00:00	♃	11°47'37" ♀♁	-15°22'02"	00°00'00"	00°00'49"	0.003
22/10/2050 00:00:00	♃	09°51'44" ♂♁	-17°29'51"	04°28'16"	00°06'08"	10.755
22/10/2050 00:00:00	♃	20°43'31" ♀♁	-00°02'32"	-04°02'28"	00°06'41"	0.003
22/10/2050 00:00:00	T♃	11°47'37" ♀♁	-15°22'02"	00°00'00"	00°00'49"	0.003
22/10/2050 00:00:00	T♄	16°17'51" ♈	-08°30'39"	-02°16'47"	02°39'06"	0.003
22/10/2050 00:00:00	X	01°03'34" ♂♁	06°40'49"	-05°29'46"	-00°00'36"	91.806

Ephemerides year 2050

22/10/2050 00:00:00	Y	19°04'19" ♀	11°57'34"	-11°03'22"	-00°00'23"	77.393
23/10/2050 00:00:00	☉	29°47'04" ♄	-11°23'31"	00°00'00"	00°59'42"	0.995
23/10/2050 00:00:00	☾	23°19'40" ♃	-16°28'20"	05°00'48"	13°38'14"	0.003
23/10/2050 00:00:00	♀	10°18'02" ♃	-15°27'16"	-00°34'49"	01°33'41"	1.404
23/10/2050 00:00:00	♀	20°01'47" ♄	-13°27'53"	-06°05'42"	-00°32'30"	0.279
23/10/2050 00:00:00	♂	26°00'18" ♃	-15°30'58"	-02°50'22"	00°25'19"	0.634
23/10/2050 00:00:00	♃	00°43'10" ♃	11°56'39"	00°46'49"	00°09'25"	5.782
23/10/2050 00:00:00	♃	02°29'55" ♃	-20°11'36"	-00°36'51"	00°01'39"	9.843
23/10/2050 00:00:00	♃	23°29'54" ♃	03°15'18"	00°44'04"	00°03'13"	19.076
23/10/2050 00:00:00	♃	27°41'32" ♃	17°55'18"	-01°45'42"	-00°01'26"	28.934
23/10/2050 00:00:00	♃	08°39'09" ♃	-20°33'49"	-13°15'13"	-00°00'42"	41.005
23/10/2050 00:00:00	♃	11°48'11" ♃	-15°22'13"	00°00'00"	00°00'17"	0.003
23/10/2050 00:00:00	♃	09°57'54" ♃	-17°30'49"	04°28'11"	00°06'11"	10.767
23/10/2050 00:00:00	♃	20°50'13" ♃	-00°04'39"	-04°01'55"	00°06'41"	0.003
23/10/2050 00:00:00	♃	11°48'11" ♃	-15°22'13"	00°00'00"	00°00'17"	0.003
23/10/2050 00:00:00	♃	18°10'54" ♄	-09°05'21"	-02°07'20"	01°05'28"	0.003
23/10/2050 00:00:00	X	01°02'58" ♃	06°40'38"	-05°29'44"	-00°00'36"	91.806
23/10/2050 00:00:00	Y	19°03'56" ♀	11°57'27"	-11°03'28"	-00°00'23"	77.380
24/10/2050 00:00:00	☉	00°46'47" ♃	-11°44'27"	00°00'00"	00°59'44"	0.995

Ephemerides year 2050

24/10/2050 00:00:00	♃	07°07'52" ♁	-13°22'58"	05°16'01"	13°58'11"	0.002
24/10/2050 00:00:00	♆	11°51'27" ♃	-16°02'46"	-00°41'33"	01°33'07"	1.399
24/10/2050 00:00:00	♀	19°29'59" ♁	-13°03'43"	-05°52'41"	-00°31'03"	0.280
24/10/2050 00:00:00	♂	26°25'50" ♁	-15°18'54"	-02°46'50"	00°25'44"	0.640
24/10/2050 00:00:00	♃	00°52'33" ♃	11°53'30"	00°47'01"	00°09'19"	5.768
24/10/2050 00:00:00	♄	02°31'37" ♁	-20°11'13"	-00°36'52"	00°01'45"	9.859
24/10/2050 00:00:00	♃	23°33'07" ♃	03°14'03"	00°44'05"	00°03'12"	19.065
24/10/2050 00:00:00	♆	27°40'05" ♂	17°54'57"	-01°45'43"	-00°01'28"	28.926
24/10/2050 00:00:00	♃	08°38'28" ♁	-20°33'53"	-13°14'59"	-00°00'41"	41.019
24/10/2050 00:00:00	♁	11°48'12" ♃	-15°22'13"	00°00'00"	-00°00'15"	0.003
24/10/2050 00:00:00	♃	10°04'07" ♂	-17°31'48"	04°28'05"	00°06'14"	10.779
24/10/2050 00:00:00	♆	20°56'55" ♃	-00°06'46"	-04°01'22"	00°06'41"	0.003
24/10/2050 00:00:00	♁	11°48'12" ♃	-15°22'13"	00°00'00"	-00°00'15"	0.003
24/10/2050 00:00:00	♁	18°29'17" ♁	-09°10'56"	-02°05'47"	-00°26'34"	0.003
24/10/2050 00:00:00	X	01°02'21" ♂	06°40'28"	-05°29'42"	-00°00'36"	91.806
24/10/2050 00:00:00	Y	19°03'32" ♁	11°57'19"	-11°03'35"	-00°00'24"	77.367
25/10/2050 00:00:00	♁	01°46'32" ♃	-12°05'12"	00°00'00"	00°59'45"	0.995
25/10/2050 00:00:00	♃	21°15'52" ♁	-09°27'48"	05°12'46"	14°17'33"	0.002
25/10/2050 00:00:00	♆	13°24'18" ♃	-16°37'26"	-00°48'15"	01°32'34"	1.394

Ephemerides year 2050

25/10/2050 00:00:00	♀	18°59'44" ♈	-12°39'42"	-05°39'14"	-00°29'25"	0.282
25/10/2050 00:00:00	♂	26°51'47" ♍	-15°06'42"	-02°43'20"	00°26'08"	0.647
25/10/2050 00:00:00	♃	01°01'49" ♎	11°50'23"	00°47'12"	00°09'12"	5.754
25/10/2050 00:00:00	♅	02°33'25" ♍	-20°10'50"	-00°36'53"	00°01'51"	9.876
25/10/2050 00:00:00	♁	23°36'18" ♎	03°12'49"	00°44'07"	00°03'10"	19.055
25/10/2050 00:00:00	♃	27°38'36" ♈	17°54'35"	-01°45'45"	-00°01'29"	28.919
25/10/2050 00:00:00	♁	08°37'47" ♈	-20°33'56"	-13°14'46"	-00°00'39"	41.033
25/10/2050 00:00:00	♁	11°47'41" ♎	-15°22'04"	00°00'00"	-00°00'42"	0.003
25/10/2050 00:00:00	♃	10°10'22" ♈	-17°32'46"	04°28'00"	00°06'16"	10.791
25/10/2050 00:00:00	♁	21°03'36" ♎	-00°08'53"	-04°00'49"	00°06'41"	0.003
25/10/2050 00:00:00	♁	11°47'41" ♎	-15°22'04"	00°00'00"	-00°00'42"	0.003
25/10/2050 00:00:00	♁	17°25'44" ♈	-08°51'32"	-02°11'07"	-01°34'55"	0.003
25/10/2050 00:00:00	X	01°01'45" ♈	06°40'17"	-05°29'40"	-00°00'36"	91.805
25/10/2050 00:00:00	Y	19°03'07" ♈	11°57'11"	-11°03'40"	-00°00'24"	77.354
26/10/2050 00:00:00	♁	02°46'18" ♎	-12°25'46"	00°00'00"	00°59'47"	0.994
26/10/2050 00:00:00	♃	05°42'10" ♈	-04°55'04"	04°49'59"	14°34'28"	0.002
26/10/2050 00:00:00	♁	14°56'36" ♎	-17°11'16"	-00°54'51"	01°32'01"	1.388
26/10/2050 00:00:00	♀	18°31'12" ♈	-12°15'59"	-05°25'23"	-00°27'37"	0.285
26/10/2050 00:00:00	♂	27°18'07" ♍	-14°54'23"	-02°39'54"	00°26'31"	0.653

Ephemerides year 2050

26/10/2050 00:00:00	♃	01°10'58" ♉	11°47'19"	00°47'24"	00°09'05"	5.741
26/10/2050 00:00:00	♅	02°35'19" ♊	-20°10'25"	-00°36'54"	00°01'56"	9.892
26/10/2050 00:00:00	♁	23°39'28" ♉	03°11'35"	00°44'08"	00°03'08"	19.044
26/10/2050 00:00:00	♆	27°37'07" ♄	17°54'14"	-01°45'46"	-00°01'30"	28.912
26/10/2050 00:00:00	♁	08°37'08" ♉	-20°33'59"	-13°14'32"	-00°00'38"	41.048
26/10/2050 00:00:00	♁	11°46'51" ♉	-15°21'48"	00°00'00"	-00°00'56"	0.003
26/10/2050 00:00:00	♃	10°16'40" ♉	-17°33'44"	04°27'55"	00°06'19"	10.803
26/10/2050 00:00:00	♁	21°10'18" ♉	-00°10'59"	-04°00'16"	00°06'41"	0.003
26/10/2050 00:00:00	♁	11°46'51" ♉	-15°21'48"	00°00'00"	-00°00'56"	0.003
26/10/2050 00:00:00	♁	15°32'25" ♉	-08°16'33"	-02°20'31"	-02°05'05"	0.003
26/10/2050 00:00:00	X	01°01'08" ♄	06°40'07"	-05°29'37"	-00°00'36"	91.806
26/10/2050 00:00:00	Y	19°02'42" ♉	11°57'03"	-11°03'46"	-00°00'25"	77.342
27/10/2050 00:00:00	♁	03°46'06" ♉	-12°46'08"	00°00'00"	00°59'48"	0.994
27/10/2050 00:00:00	♃	20°23'18" ♉	-00°00'15"	04°08'03"	14°46'53"	0.002
27/10/2050 00:00:00	♁	16°28'21" ♉	-17°44'13"	-01°01'24"	01°31'29"	1.381
27/10/2050 00:00:00	♁	18°04'33" ♉	-11°52'40"	-05°11'13"	-00°25'40"	0.287
27/10/2050 00:00:00	♁	27°44'50" ♊	-14°41'55"	-02°36'29"	00°26'54"	0.660
27/10/2050 00:00:00	♃	01°20'00" ♉	11°44'16"	00°47'35"	00°08'58"	5.727
27/10/2050 00:00:00	♅	02°37'19" ♊	-20°09'58"	-00°36'55"	00°02'02"	9.909

Ephemerides year 2050

27/10/2050 00:00:00	♃	23°42'35"	♍	03°10'22"	00°44'09"	00°03'06"	19.033
27/10/2050 00:00:00	♃	27°35'36"	♏	17°53'52"	-01°45'47"	-00°01'30"	28.905
27/10/2050 00:00:00	♃	08°36'30"	♃	-20°34'01"	-13°14'18"	-00°00'37"	41.062
27/10/2050 00:00:00	♁	11°45'53"	♍	-15°21'30"	00°00'00"	-00°00'56"	0.003
27/10/2050 00:00:00	♃	10°23'01"	♂	-17°34'42"	04°27'50"	00°06'21"	10.814
27/10/2050 00:00:00	♁	21°16'59"	♍	-00°13'06"	-03°59'42"	00°06'41"	0.003
27/10/2050 00:00:00	♁	11°45'53"	♍	-15°21'30"	00°00'00"	-00°00'56"	0.003
27/10/2050 00:00:00	♁	13°26'54"	♁	-07°37'15"	-02°30'46"	-02°01'48"	0.003
27/10/2050 00:00:00	♁	01°00'31"	♏	06°39'56"	-05°29'35"	-00°00'36"	91.806
27/10/2050 00:00:00	♁	19°02'16"	♁	11°56'56"	-11°03'52"	-00°00'26"	77.330
28/10/2050 00:00:00	♁	04°45'56"	♍	-13°06'19"	00°00'00"	00°59'50"	0.994
28/10/2050 00:00:00	♁	05°13'49"	♁	04°58'14"	03°09'07"	14°52'56"	0.002
28/10/2050 00:00:00	♁	17°59'34"	♍	-18°16'17"	-01°07'50"	01°30'57"	1.374
28/10/2050 00:00:00	♁	17°39'55"	♁	-11°29'53"	-04°56'48"	-00°23'35"	0.290
28/10/2050 00:00:00	♁	28°11'55"	♁	-14°29'20"	-02°33'07"	00°27'16"	0.666
28/10/2050 00:00:00	♁	01°28'56"	♍	11°41'16"	00°47'47"	00°08'52"	5.713
28/10/2050 00:00:00	♁	02°39'24"	♁	-20°09'30"	-00°36'56"	00°02'08"	9.925
28/10/2050 00:00:00	♃	23°45'40"	♍	03°09'10"	00°44'11"	00°03'04"	19.021
28/10/2050 00:00:00	♃	27°34'05"	♏	17°53'31"	-01°45'49"	-00°01'31"	28.898

Ephemerides year 2050

28/10/2050 00:00:00	♁	08°35'53" ♃r	-20°34'02"	-13°14'04"	-00°00'36"	41.077
28/10/2050 00:00:00	♁	11°45'01" ♃r	-15°21'14"	00°00'00"	-00°00'44"	0.003
28/10/2050 00:00:00	♃	10°29'24" ♃r	-17°35'40"	04°27'45"	00°06'24"	10.826
28/10/2050 00:00:00	♁	21°23'41" ♃r	-00°15'12"	-03°59'09"	00°06'41"	0.003
28/10/2050 00:00:00	♁	11°45'01" ♃r	-15°21'14"	00°00'00"	-00°00'44"	0.003
28/10/2050 00:00:00	♁	11°33'05" ♃r	-07°01'09"	-02°39'54"	-01°45'38"	0.003
28/10/2050 00:00:00	X	00°59'54" ♃r	06°39'46"	-05°29'33"	-00°00'36"	91.807
28/10/2050 00:00:00	Y	19°01'50" ♃r	11°56'48"	-11°03'58"	-00°00'26"	77.317
29/10/2050 00:00:00	♁	05°45'48" ♃r	-13°26'17"	00°00'00"	00°59'52"	0.994
29/10/2050 00:00:00	♁	20°06'38" ♃r	09°40'03"	01°57'15"	14°51'24"	0.002
29/10/2050 00:00:00	♁	19°30'16" ♃r	-18°47'27"	-01°14'10"	01°30'25"	1.367
29/10/2050 00:00:00	♁	17°17'25" ♃r	-11°07'44"	-04°42'10"	-00°21'23"	0.293
29/10/2050 00:00:00	♁	28°39'22" ♃r	-14°16'38"	-02°29'47"	00°27'37"	0.673
29/10/2050 00:00:00	♁	01°37'44" ♃r	11°38'19"	00°47'59"	00°08'45"	5.699
29/10/2050 00:00:00	♁	02°41'35" ♃r	-20°09'01"	-00°36'57"	00°02'14"	9.942
29/10/2050 00:00:00	♁	23°48'44" ♃r	03°07'59"	00°44'12"	00°03'02"	19.010
29/10/2050 00:00:00	♁	27°32'32" ♃r	17°53'09"	-01°45'50"	-00°01'32"	28.892
29/10/2050 00:00:00	♁	08°35'18" ♃r	-20°34'03"	-13°13'50"	-00°00'34"	41.091
29/10/2050 00:00:00	♁	11°44'25" ♃r	-15°21'03"	00°00'00"	-00°00'26"	0.003



































Ephemerides year 2050

29/10/2050 00:00:00	♄	10°35'50" ♄	-17°36'37"	04°27'41"	00°06'27"	10.837
29/10/2050 00:00:00	♁	21°30'22" ♁	-00°17'19"	-03°58'35"	00°06'41"	0.003
29/10/2050 00:00:00	♁	11°44'25" ♁	-15°21'03"	00°00'00"	-00°00'26"	0.003
29/10/2050 00:00:00	♁	09°52'42" ♁	-06°29'01"	-02°47'51"	-01°37'51"	0.003
29/10/2050 00:00:00	X	00°59'18" ♄	06°39'36"	-05°29'30"	-00°00'36"	91.808
29/10/2050 00:00:00	Y	19°01'22" ♁	11°56'40"	-11°04'03"	-00°00'27"	77.305
30/10/2050 00:00:00	♁	06°45'41" ♁	-13°46'02"	00°00'00"	00°59'54"	0.993
30/10/2050 00:00:00	♁	04°54'00" ♄	13°44'43"	00°37'53"	14°42'03"	0.002
30/10/2050 00:00:00	♁	21°00'25" ♁	-19°17'41"	-01°20'23"	01°29'54"	1.359
30/10/2050 00:00:00	♁	16°57'10" ♁	-10°46'18"	-04°27'25"	-00°19'05"	0.296
30/10/2050 00:00:00	♁	29°07'10" ♁	-14°03'48"	-02°26'30"	00°27'58"	0.680
30/10/2050 00:00:00	♁	01°46'26" ♁	11°35'23"	00°48'11"	00°08'38"	5.684
30/10/2050 00:00:00	♁	02°43'52" ♁	-20°08'31"	-00°36'57"	00°02'19"	9.959
30/10/2050 00:00:00	♁	23°51'46" ♁	03°06'48"	00°44'14"	00°03'00"	18.998
30/10/2050 00:00:00	♁	27°30'59" ♄	17°52'47"	-01°45'51"	-00°01'33"	28.886
30/10/2050 00:00:00	♁	08°34'44" ♁	-20°34'02"	-13°13'36"	-00°00'33"	41.106
30/10/2050 00:00:00	♁	11°44'08" ♁	-15°20'58"	00°00'00"	-00°00'07"	0.003
30/10/2050 00:00:00	♄	10°42'18" ♄	-17°37'35"	04°27'38"	00°06'29"	10.848
30/10/2050 00:00:00	♁	21°37'03" ♁	-00°19'25"	-03°58'01"	00°06'41"	0.003

Ephemerides year 2050

30/10/2050 00:00:00	T♄	11°44'08" ♍	-15°20'58"	00°00'00"	-00°00'07"	0.003
30/10/2050 00:00:00	T♄	08°10'42" ♋	-05°56'05"	-02°55'48"	-01°49'38"	0.003
30/10/2050 00:00:00	X	00°58'41" ♄	06°39'26"	-05°29'28"	-00°00'36"	91.810
30/10/2050 00:00:00	Y	19°00'55" ♋	11°56'33"	-11°04'08"	-00°00'27"	77.294
31/10/2050 00:00:00	☉	07°45'37" ♍	-14°05'35"	00°00'00"	00°59'56"	0.993
31/10/2050 00:00:00	☾	19°28'25" ♄	16°54'17"	-00°42'52"	14°25'45"	0.002
31/10/2050 00:00:00	☿	22°30'04" ♍	-19°46'58"	-01°26'29"	01°29'22"	1.350
31/10/2050 00:00:00	♀	16°39'15" ♋	-10°25'42"	-04°12'34"	-00°16'43"	0.299
31/10/2050 00:00:00	♂	29°35'18" ♁	-13°50'51"	-02°23'15"	00°28'18"	0.687
31/10/2050 00:00:00	♃	01°55'00" ♌	11°32'31"	00°48'23"	00°08'30"	5.670
31/10/2050 00:00:00	♅	02°46'15" ♁	-20°07'59"	-00°36'58"	00°02'25"	9.975
31/10/2050 00:00:00	♆	23°54'46" ♌	03°05'39"	00°44'16"	00°02'58"	18.986
31/10/2050 00:00:00	♁	27°29'25" ♄	17°52'25"	-01°45'52"	-00°01'34"	28.881
31/10/2050 00:00:00	♂	08°34'11" ♋	-20°34'02"	-13°13'21"	-00°00'31"	41.122
31/10/2050 00:00:00	♁	11°44'09" ♍	-15°20'58"	00°00'00"	00°00'06"	0.003
31/10/2050 00:00:00	♃	10°48'49" ♌	-17°38'32"	04°27'34"	00°06'31"	10.859
31/10/2050 00:00:00	♄	21°43'45" ♌	-00°21'32"	-03°57'28"	00°06'41"	0.003
31/10/2050 00:00:00	T♄	11°44'09" ♍	-15°20'58"	00°00'00"	00°00'06"	0.003
31/10/2050 00:00:00	T♄	06°07'16" ♋	-05°15'53"	-03°05'14"	-02°19'29"	0.003

Ephemerides year 2050

31/10/2050 00:00:00	X	00°58'05" 	06°39'16"	-05°29'25"	-00°00'36"	91.812
31/10/2050 00:00:00	Y	19°00'27" 	11°56'25"	-11°04'14"	-00°00'28"	77.282
01/11/2050 00:00:00		08°45'34" 	-14°24'54"	-00°00'00"	00°59'58"	0.993
01/11/2050 00:00:00		03°43'47" 	18°56'16"	-01°59'12"	14°04'18"	0.002
01/11/2050 00:00:00		23°59'11" 	-20°15'17"	-01°32'26"	01°28'50"	1.341
01/11/2050 00:00:00		16°23'44" 	-10°05'59"	-03°57'41"	-00°14'18"	0.303
01/11/2050 00:00:00		00°03'46" 	-13°37'47"	-02°20'03"	00°28'37"	0.693
01/11/2050 00:00:00		02°03'28" 	11°29'40"	00°48'35"	00°08'23"	5.656
01/11/2050 00:00:00		02°48'44" 	-20°07'26"	-00°36'59"	00°02'31"	9.992
01/11/2050 00:00:00		23°57'44" 	03°04'30"	00°44'17"	00°02'56"	18.974
01/11/2050 00:00:00		27°27'51" 	17°52'02"	-01°45'53"	-00°01'34"	28.875
01/11/2050 00:00:00		08°33'40" 	-20°34'00"	-13°13'06"	-00°00'30"	41.137
01/11/2050 00:00:00		11°44'20" 	-15°21'02"	00°00'00"	00°00'13"	0.003
01/11/2050 00:00:00		10°55'22" 	-17°39'28"	04°27'31"	00°06'34"	10.869
01/11/2050 00:00:00		21°50'26" 	-00°23'38"	-03°56'54"	00°06'41"	0.003
01/11/2050 00:00:00	TΩ	11°44'20" 	-15°21'02"	00°00'00"	00°00'13"	0.003
01/11/2050 00:00:00	T♄	03°29'46" 	-04°24'04"	-03°16'55"	-02°55'00"	0.003
01/11/2050 00:00:00	X	00°57'28" 	06°39'06"	-05°29'23"	-00°00'36"	91.814
01/11/2050 00:00:00	Y	18°59'58" 	11°56'18"	-11°04'19"	-00°00'28"	77.271

Ephemerides year 2050

02/11/2050 00:00:00	☉	09°45'34" ♍	-14°43'59"	-00°00'00"	01°00'00"	0.992
02/11/2050 00:00:00	☾	17°36'02" ♀	19°45'33"	-03°06'24"	13°39'53"	0.003
02/11/2050 00:00:00	♃	25°27'45" ♍	-20°42'36"	-01°38'13"	01°28'18"	1.332
02/11/2050 00:00:00	♄	16°10'39" ♄	-09°47'13"	-03°42'49"	-00°11'50"	0.307
02/11/2050 00:00:00	♅	00°32'33" ♃	-13°24'36"	-02°16'53"	00°28'56"	0.700
02/11/2050 00:00:00	♆	02°11'48" ♃	11°26'52"	00°48'47"	00°08'16"	5.641
02/11/2050 00:00:00	♇	02°51'18" ♁	-20°06'51"	-00°37'00"	00°02'36"	10.008
02/11/2050 00:00:00	♈	24°00'39" ♃	03°03'22"	00°44'19"	00°02'54"	18.962
02/11/2050 00:00:00	♉	27°26'16" ♉	17°51'40"	-01°45'54"	-00°01'35"	28.870
02/11/2050 00:00:00	♊	08°33'10" ♃	-20°33'58"	-13°12'51"	-00°00'29"	41.152
02/11/2050 00:00:00	♋	11°44'33" ♍	-15°21'06"	00°00'00"	00°00'12"	0.003
02/11/2050 00:00:00	♌	11°01'57" ♈	-17°40'25"	04°27'28"	00°06'36"	10.879
02/11/2050 00:00:00	♍	21°57'08" ♃	-00°25'45"	-03°56'19"	00°06'41"	0.003
02/11/2050 00:00:00	♎	11°44'33" ♍	-15°21'06"	00°00'00"	00°00'12"	0.003
02/11/2050 00:00:00	♏	00°21'24" ♄	-03°21'28"	-03°30'19"	-03°18'14"	0.003
02/11/2050 00:00:00	♐	00°56'52" ♉	06°38'56"	-05°29'20"	-00°00'36"	91.816
02/11/2050 00:00:00	♑	18°59'29" ♃	11°56'11"	-11°04'24"	-00°00'29"	77.260
03/11/2050 00:00:00	☉	10°45'36" ♍	-15°02'50"	-00°00'00"	01°00'02"	0.992
03/11/2050 00:00:00	☾	01°03'22" ♁	19°24'27"	-04°01'08"	13°14'50"	0.003

Ephemerides year 2050

03/11/2050 00:00:00	♀	26°55'48" ♍	-21°08'54"	-01°43'50"	01°27'45"	1.322
03/11/2050 00:00:00	♀	16°00'03" ♋	-09°29'28"	-03°28'01"	-00°09'21"	0.311
03/11/2050 00:00:00	♂	01°01'40" ♋	-13°11'18"	-02°13'45"	00°29'15"	0.707
03/11/2050 00:00:00	♋	02°20'00" ♍	11°24'07"	00°48'59"	00°08'08"	5.627
03/11/2050 00:00:00	♌	02°53'57" ♍	-20°06'15"	-00°37'01"	00°02'42"	10.024
03/11/2050 00:00:00	♌	24°03'33" ♍	03°02'14"	00°44'20"	00°02'52"	18.949
03/11/2050 00:00:00	♍	27°24'40" ♄	17°51'17"	-01°45'55"	-00°01'36"	28.865
03/11/2050 00:00:00	♌	08°32'42" ♋	-20°33'55"	-13°12'36"	-00°00'27"	41.168
03/11/2050 00:00:00	♌	11°44'43" ♍	-15°21'09"	00°00'00"	00°00'07"	0.003
03/11/2050 00:00:00	♌	11°08'35" ♄	-17°41'21"	04°27'26"	00°06'38"	10.889
03/11/2050 00:00:00	♌	22°03'49" ♍	-00°27'51"	-03°55'45"	00°06'41"	0.003
03/11/2050 00:00:00	♌	11°44'43" ♍	-15°21'09"	00°00'00"	00°00'07"	0.003
03/11/2050 00:00:00	♌	27°02'09" ♄	-02°14'41"	-03°43'46"	-03°15'20"	0.003
03/11/2050 00:00:00	X	00°56'16" ♄	06°38'46"	-05°29'17"	-00°00'36"	91.819
03/11/2050 00:00:00	Y	18°58'59" ♋	11°56'04"	-11°04'29"	-00°00'29"	77.249
04/11/2050 00:00:00	♌	11°45'39" ♍	-15°21'26"	-00°00'00"	01°00'04"	0.992
04/11/2050 00:00:00	♌	14°06'09" ♄	18°01'01"	-04°41'33"	12°51'07"	0.003
04/11/2050 00:00:00	♀	28°23'16" ♍	-21°34'10"	-01°49'17"	01°27'11"	1.311
04/11/2050 00:00:00	♀	15°51'57" ♋	-09°12'47"	-03°13'18"	-00°06'51"	0.315

Ephemerides year 2050

04/11/2050 00:00:00	♂	01°31'04" ♈	-12°57'54"	-02°10'39"	00°29'33"	0.714
04/11/2050 00:00:00	♃	02°28'05" ♉	11°21'24"	00°49'12"	00°08'01"	5.612
04/11/2050 00:00:00	♅	02°56'43" ♋	-20°05'38"	-00°37'02"	00°02'48"	10.041
04/11/2050 00:00:00	♁	24°06'25" ♈	03°01'08"	00°44'22"	00°02'50"	18.937
04/11/2050 00:00:00	♃	27°23'03" ♉	17°50'55"	-01°45'56"	-00°01'36"	28.861
04/11/2050 00:00:00	♁	08°32'15" ♈	-20°33'51"	-13°12'21"	-00°00'26"	41.183
04/11/2050 00:00:00	♁	11°44'47" ♈	-15°21'10"	00°00'00"	00°00'00"	0.003
04/11/2050 00:00:00	♃	11°15'15" ♉	-17°42'17"	04°27'23"	00°06'40"	10.899
04/11/2050 00:00:00	♁	22°10'31" ♈	-00°29'57"	-03°55'11"	00°06'41"	0.003
04/11/2050 00:00:00	♁	11°44'47" ♈	-15°21'10"	00°00'00"	00°00'00"	0.003
04/11/2050 00:00:00	♁	23°59'55" ♈	-01°13'15"	-03°55'25"	-02°45'19"	0.003
04/11/2050 00:00:00	X	00°55'40" ♉	06°38'36"	-05°29'14"	-00°00'35"	91.822
04/11/2050 00:00:00	Y	18°58'29" ♈	11°55'56"	-11°04'34"	-00°00'30"	77.239
05/11/2050 00:00:00	♁	12°45'45" ♈	-15°39'48"	-00°00'00"	01°00'06"	0.992
05/11/2050 00:00:00	♃	26°46'33" ♉	15°46'13"	-05°06'54"	12°30'16"	0.003
05/11/2050 00:00:00	♁	29°50'10" ♈	-21°58'22"	-01°54'31"	01°26'35"	1.300
05/11/2050 00:00:00	♀	15°46'19" ♈	-08°57'11"	-02°58'45"	-00°04'22"	0.319
05/11/2050 00:00:00	♂	02°00'46" ♈	-12°44'23"	-02°07'36"	00°29'51"	0.721
05/11/2050 00:00:00	♃	02°36'02" ♉	11°18'44"	00°49'24"	00°07'53"	5.597

Ephemerides year 2050

05/11/2050 00:00:00	♄	02°59'34" ♁	-20°05'00"	-00°37'03"	00°02'53"	10.057
05/11/2050 00:00:00	♅	24°09'14" ♃	03°00'02"	00°44'24"	00°02'48"	18.924
05/11/2050 00:00:00	♆	27°21'26" ♁	17°50'32"	-01°45'57"	-00°01'37"	28.856
05/11/2050 00:00:00	♁	08°31'49" ♃	-20°33'47"	-13°12'06"	-00°00'25"	41.199
05/11/2050 00:00:00	♂	11°44'45" ♃	-15°21'09"	00°00'00"	-00°00'03"	0.003
05/11/2050 00:00:00	♂	11°21'57" ♀	-17°43'12"	04°27'21"	00°06'42"	10.909
05/11/2050 00:00:00	♁	22°17'12" ♃	-00°32'03"	-03°54'36"	00°06'41"	0.003
05/11/2050 00:00:00	♁	11°44'45" ♃	-15°21'09"	00°00'00"	-00°00'03"	0.003
05/11/2050 00:00:00	♁	21°36'47" ♃	-00°24'53"	-04°04'04"	-01°59'36"	0.003
05/11/2050 00:00:00	♁	00°55'04" ♁	06°38'27"	-05°29'11"	-00°00'35"	91.825
05/11/2050 00:00:00	♁	18°57'58" ♃	11°55'49"	-11°04'38"	-00°00'30"	77.228
06/11/2050 00:00:00	♁	13°45'53" ♃	-15°57'53"	-00°00'00"	01°00'08"	0.991
06/11/2050 00:00:00	♁	09°08'00" ♁	12°51'33"	-05°17'18"	12°13'20"	0.003
06/11/2050 00:00:00	♁	01°16'27" ♀	-22°21'29"	-01°59'33"	01°25'58"	1.289
06/11/2050 00:00:00	♁	15°43'11" ♃	-08°42'41"	-02°44'21"	-00°01'54"	0.324
06/11/2050 00:00:00	♁	02°30'46" ♃	-12°30'45"	-02°04'35"	00°30'08"	0.728
06/11/2050 00:00:00	♁	02°43'51" ♃	11°16'07"	00°49'37"	00°07'45"	5.582
06/11/2050 00:00:00	♄	03°02'30" ♁	-20°04'20"	-00°37'04"	00°02'58"	10.074
06/11/2050 00:00:00	♅	24°12'02" ♃	02°58'58"	00°44'26"	00°02'46"	18.911

Ephemerides year 2050

06/11/2050 00:00:00	♃	27°19'48"	♄	17°50'09"	-01°45'57"	-00°01'38"	28.852
06/11/2050 00:00:00	♅	08°31'24"	♃	-20°33'42"	-13°11'50"	-00°00'23"	41.215
06/11/2050 00:00:00	♁	11°44'41"	♄	-15°21'08"	00°00'00"	-00°00'02"	0.003
06/11/2050 00:00:00	♁	11°28'41"	♂	-17°44'07"	04°27'20"	00°06'44"	10.918
06/11/2050 00:00:00	♁	22°23'54"	♃	-00°34'09"	-03°54'02"	00°06'41"	0.003
06/11/2050 00:00:00	T♁	11°44'41"	♄	-15°21'08"	00°00'00"	-00°00'02"	0.003
06/11/2050 00:00:00	T♁	20°00'53"	♄	00°07'32"	-04°09'39"	-01°13'12"	0.003
06/11/2050 00:00:00	X	00°54'28"	♄	06°38'17"	-05°29'08"	-00°00'35"	91.829
06/11/2050 00:00:00	Y	18°57'27"	♃	11°55'43"	-11°04'43"	-00°00'31"	77.218
07/11/2050 00:00:00	♁	14°46'03"	♄	-16°15'43"	-00°00'00"	01°00'10"	0.991
07/11/2050 00:00:00	♁	21°14'44"	♂	09°27'39"	-05°13'18"	12°00'53"	0.003
07/11/2050 00:00:00	♁	02°42'07"	♂	-22°43'29"	-02°04'20"	01°25'19"	1.276
07/11/2050 00:00:00	♁	15°42'30"	♁	-08°29'20"	-02°30'09"	00°00'31"	0.329
07/11/2050 00:00:00	♂	03°01'04"	♃	-12°17'01"	-02°01'36"	00°30'25"	0.735
07/11/2050 00:00:00	♂	02°51'33"	♃	11°13'33"	00°49'50"	00°07'37"	5.567
07/11/2050 00:00:00	♂	03°05'32"	♁	-20°03'39"	-00°37'05"	00°03'04"	10.090
07/11/2050 00:00:00	♂	24°14'46"	♃	02°57'54"	00°44'27"	00°02'43"	18.897
07/11/2050 00:00:00	♃	27°18'10"	♄	17°49'47"	-01°45'58"	-00°01'38"	28.849
07/11/2050 00:00:00	♅	08°31'01"	♃	-20°33'37"	-13°11'34"	-00°00'22"	41.231



Ephemerides year 2050

07/11/2050 00:00:00	♏	11°44'42" ♍	-15°21'08"	00°00'00"	00°00'05"	0.003
07/11/2050 00:00:00	♋	11°35'26" ♄	-17°45'02"	04°27'19"	00°06'46"	10.927
07/11/2050 00:00:00	♌	22°30'35" ♍	-00°36'15"	-03°53'27"	00°06'41"	0.003
07/11/2050 00:00:00	♏	11°44'42" ♍	-15°21'08"	00°00'00"	00°00'05"	0.003
07/11/2050 00:00:00	♌	19°06'47" ♍	00°25'49"	-04°12'42"	-00°37'21"	0.003
07/11/2050 00:00:00	X	00°53'53" ♄	06°38'08"	-05°29'05"	-00°00'35"	91.832
07/11/2050 00:00:00	Y	18°56'55" ♄	11°55'36"	-11°04'47"	-00°00'32"	77.208
08/11/2050 00:00:00	♏	15°46'15" ♍	-16°33'17"	-00°00'00"	01°00'12"	0.991
08/11/2050 00:00:00	♄	03°11'20" ♍	05°43'49"	-04°55'45"	11°53'06"	0.003
08/11/2050 00:00:00	♌	04°07'05" ♄	-23°04'21"	-02°08'53"	01°24'37"	1.264
08/11/2050 00:00:00	♌	15°44'14" ♄	-08°17'08"	-02°16'11"	00°02'56"	0.334
08/11/2050 00:00:00	♄	03°31'37" ♄	-12°03'10"	-01°58'39"	00°30'42"	0.742
08/11/2050 00:00:00	♄	02°59'06" ♍	11°11'01"	00°50'03"	00°07'29"	5.552
08/11/2050 00:00:00	♄	03°08'39" ♄	-20°02'57"	-00°37'06"	00°03'09"	10.106
08/11/2050 00:00:00	♌	24°17'29" ♍	02°56'51"	00°44'29"	00°02'41"	18.884
08/11/2050 00:00:00	♌	27°16'31" ♄	17°49'24"	-01°45'59"	-00°01'39"	28.845
08/11/2050 00:00:00	♌	08°30'40" ♄	-20°33'31"	-13°11'19"	-00°00'20"	41.247
08/11/2050 00:00:00	♏	11°44'54" ♍	-15°21'12"	00°00'00"	00°00'17"	0.003
08/11/2050 00:00:00	♋	11°42'14" ♄	-17°45'56"	04°27'18"	00°06'48"	10.936

Ephemerides year 2050

08/11/2050 00:00:00	☾	22°37'17" ♎	-00°38'21"	-03°52'52"	00°06'41"	0.003
08/11/2050 00:00:00	♁	11°44'54" ♎	-15°21'12"	00°00'00"	00°00'17"	0.003
08/11/2050 00:00:00	♁	18°40'47" ♎	00°34'36"	-04°14'09"	-00°17'27"	0.003
08/11/2050 00:00:00	X	00°53'17" ♎	06°37'59"	-05°29'02"	-00°00'35"	91.837
08/11/2050 00:00:00	Y	18°56'23" ♎	11°55'29"	-11°04'52"	-00°00'32"	77.199
09/11/2050 00:00:00	☉	16°46'28" ♎	-16°50'34"	-00°00'00"	01°00'14"	0.991
09/11/2050 00:00:00	☾	15°02'29" ♎	01°48'14"	-04°25'43"	11°49'55"	0.003
09/11/2050 00:00:00	♀	05°31'20" ♎	-23°24'03"	-02°13'10"	01°23'51"	1.250
09/11/2050 00:00:00	♀	15°48'22" ♎	-08°06'05"	-02°02'28"	00°05'18"	0.339
09/11/2050 00:00:00	♂	04°02'28" ♎	-11°49'13"	-01°55'44"	00°30'58"	0.749
09/11/2050 00:00:00	♂	03°06'31" ♎	11°08'32"	00°50'16"	00°07'20"	5.537
09/11/2050 00:00:00	♃	03°11'51" ♎	-20°02'13"	-00°37'07"	00°03'15"	10.122
09/11/2050 00:00:00	♃	24°20'09" ♎	02°55'50"	00°44'31"	00°02'39"	18.870
09/11/2050 00:00:00	♃	27°14'51" ♎	17°49'01"	-01°45'59"	-00°01'39"	28.842
09/11/2050 00:00:00	♃	08°30'20" ♎	-20°33'24"	-13°11'03"	-00°00'19"	41.264
09/11/2050 00:00:00	♁	11°45'18" ♎	-15°21'20"	00°00'00"	00°00'31"	0.003
09/11/2050 00:00:00	♂	11°49'04" ♎	-17°46'50"	04°27'17"	00°06'50"	10.945
09/11/2050 00:00:00	☾	22°43'58" ♎	-00°40'27"	-03°52'17"	00°06'41"	0.003
09/11/2050 00:00:00	♁	11°45'18" ♎	-15°21'20"	00°00'00"	00°00'31"	0.003

Ephemerides year 2050

09/11/2050 00:00:00	T♄	18°26'22" ♍	00°39'28"	-04°14'57"	-00°13'53"	0.003
09/11/2050 00:00:00	X	00°52'42" ♄	06°37'49"	-05°28'59"	-00°00'35"	91.841
09/11/2050 00:00:00	Y	18°55'50" ♀	11°55'22"	-11°04'56"	-00°00'33"	77.189
10/11/2050 00:00:00	☉	17°46'44" ♍	-17°07'34"	-00°00'00"	01°00'16"	0.991
10/11/2050 00:00:00	☾	26°52'36" ♍	-02°11'29"	-03°44'26"	11°50'59"	0.003
10/11/2050 00:00:00	♀	06°54'48" ♄	-23°42'34"	-02°17'09"	01°23'02"	1.236
10/11/2050 00:00:00	♀	15°54'50" ♄	-07°56'10"	-01°49'01"	00°07'37"	0.344
10/11/2050 00:00:00	♂	04°33'34" ♄	-11°35'10"	-01°52'52"	00°31'14"	0.757
10/11/2050 00:00:00	♃	03°13'48" ♍	11°06'07"	00°50'29"	00°07'12"	5.522
10/11/2050 00:00:00	♅	03°15'09" ♄	-20°01'28"	-00°37'08"	00°03'20"	10.138
10/11/2050 00:00:00	♁	24°22'47" ♍	02°54'49"	00°44'33"	00°02'36"	18.856
10/11/2050 00:00:00	♃	27°13'11" ♄	17°48'38"	-01°46'00"	-00°01'40"	28.840
10/11/2050 00:00:00	♁	08°30'01" ♄	-20°33'16"	-13°10'47"	-00°00'18"	41.280
10/11/2050 00:00:00	♁	11°45'56" ♍	-15°21'31"	00°00'00"	00°00'42"	0.003
10/11/2050 00:00:00	♃	11°55'55" ♄	-17°47'43"	04°27'17"	00°06'52"	10.954
10/11/2050 00:00:00	♄	22°50'39" ♍	-00°42'33"	-03°51'42"	00°06'41"	0.003
10/11/2050 00:00:00	T♁	11°45'56" ♍	-15°21'31"	00°00'00"	00°00'42"	0.003
10/11/2050 00:00:00	T♄	18°08'52" ♍	00°45'23"	-04°15'55"	-00°22'34"	0.003
10/11/2050 00:00:00	X	00°52'06" ♄	06°37'40"	-05°28'56"	-00°00'35"	91.846

Ephemerides year 2050

10/11/2050 00:00:00	Y	18°55'17" ♀	11°55'16"	-11°05'00"	-00°00'33"	77.180
11/11/2050 00:00:00	☉	18°47'02" ♎	-17°24'16"	-00°00'00"	01°00'18"	0.990
11/11/2050 00:00:00	☾	08°45'44" ♋	-06°07'38"	-02°53'19"	11°55'50"	0.003
11/11/2050 00:00:00	♀	08°17'24" ♋	-23°59'53"	-02°20'50"	01°22'09"	1.222
11/11/2050 00:00:00	♀	16°03'35" ♋	-07°47'24"	-01°35'51"	00°09'52"	0.350
11/11/2050 00:00:00	♂	05°04'56" ♋	-11°21'01"	-01°50'02"	00°31'29"	0.764
11/11/2050 00:00:00	♃	03°20'56" ♎	11°03'44"	00°50'42"	00°07'04"	5.507
11/11/2050 00:00:00	♄	03°18'32" ♎	-20°00'42"	-00°37'09"	00°03'25"	10.154
11/11/2050 00:00:00	♅	24°25'22" ♎	02°53'49"	00°44'35"	00°02'34"	18.842
11/11/2050 00:00:00	♆	27°11'31" ♎	17°48'15"	-01°46'00"	-00°01'40"	28.837
11/11/2050 00:00:00	♁	08°29'44" ♋	-20°33'08"	-13°10'31"	-00°00'16"	41.297
11/11/2050 00:00:00	♂	11°46'41" ♎	-15°21'45"	00°00'00"	00°00'46"	0.003
11/11/2050 00:00:00	♃	12°02'48" ♋	-17°48'36"	04°27'17"	00°06'53"	10.962
11/11/2050 00:00:00	♄	22°57'20" ♎	-00°44'38"	-03°51'07"	00°06'41"	0.003
11/11/2050 00:00:00	♁	11°46'41" ♎	-15°21'45"	00°00'00"	00°00'46"	0.003
11/11/2050 00:00:00	♁	17°40'05" ♎	00°55'07"	-04°17'27"	-00°34'28"	0.003
11/11/2050 00:00:00	X	00°51'31" ♎	06°37'31"	-05°28'53"	-00°00'34"	91.851
11/11/2050 00:00:00	Y	18°54'43" ♀	11°55'09"	-11°05'04"	-00°00'33"	77.171
12/11/2050 00:00:00	☉	19°47'22" ♎	-17°40'41"	-00°00'00"	01°00'20"	0.990

Ephemerides year 2050

12/11/2050 00:00:00	☾	20°45'20" ♌	-09°51'50"	-01°54'11"	12°03'51"	0.003
12/11/2050 00:00:00	♁	09°39'05" ♈	-24°15'56" ♁	-02°24'11"	01°21'10"	1.207
12/11/2050 00:00:00	♀	16°14'34" ♌	-07°39'45"	-01°22'59"	00°12'05"	0.355
12/11/2050 00:00:00	♂	05°36'34" ♈	-11°06'46"	-01°47'14"	00°31'45"	0.771
12/11/2050 00:00:00	♃	03°27'56" ♉	11°01'24"	00°50'55"	00°06'55"	5.491
12/11/2050 00:00:00	♄	03°22'01" ♉	-19°59'54"	-00°37'10"	00°03'31"	10.170
12/11/2050 00:00:00	♅	24°27'55" ♉	02°52'50"	00°44'37"	00°02'31"	18.828
12/11/2050 00:00:00	♆	27°09'50" ♉	17°47'52"	-01°46'00"	-00°01'40"	28.835
12/11/2050 00:00:00	♇	08°29'28" ♈	-20°32'59"	-13°10'14"	-00°00'15"	41.313
12/11/2050 00:00:00	♈	11°47'25" ♈	-15°21'58"	00°00'00"	00°00'39"	0.003
12/11/2050 00:00:00	♉	12°09'43" ♈	-17°49'29"	04°27'18"	00°06'55"	10.970
12/11/2050 00:00:00	♊	23°04'02" ♈	-00°46'44"	-03°50'32"	00°06'41"	0.003
12/11/2050 00:00:00	♋	11°47'25" ♈	-15°21'58"	00°00'00"	00°00'39"	0.003
12/11/2050 00:00:00	♌	17°03'26" ♈	01°07'33"	-04°19'20"	-00°35'41"	0.003
12/11/2050 00:00:00	♍	00°50'56" ♈	06°37'23"	-05°28'49"	-00°00'34"	91.856
12/11/2050 00:00:00	♎	18°54'09" ♈	11°55'03"	-11°05'08"	-00°00'34"	77.163
13/11/2050 00:00:00	♏	20°47'44" ♈	-17°56'47"	00°00'00"	01°00'22"	0.990
13/11/2050 00:00:00	♐	02°54'16" ♈	-13°14'42"	-00°49'10"	12°14'20"	0.003
13/11/2050 00:00:00	♁	10°59'43" ♈	-24°30'44" ♁	-02°27'10"	01°20'05"	1.191

Ephemerides year 2050

13/11/2050 00:00:00	♀	16°27'44" ♈	-07°33'13"	-01°10'25"	00°14'14"	0.361
13/11/2050 00:00:00	♂	06°08'26" ♉	-10°52'25"	-01°44'28"	00°31'59"	0.778
13/11/2050 00:00:00	♋	03°34'47" ♌	10°59'08"	00°51'09"	00°06'46"	5.476
13/11/2050 00:00:00	♌	03°25'34" ♍	-19°59'05"	-00°37'11"	00°03'36"	10.186
13/11/2050 00:00:00	♍	24°30'26" ♎	02°51'52"	00°44'39"	00°02'29"	18.814
13/11/2050 00:00:00	♎	27°08'09" ♏	17°47'28"	-01°46'00"	-00°01'41"	28.833
13/11/2050 00:00:00	♏	08°29'14" ♐	-20°32'50"	-13°09'58"	-00°00'13"	41.330
13/11/2050 00:00:00	♐	11°47'56" ♑	-15°22'08"	00°00'00"	00°00'20"	0.003
13/11/2050 00:00:00	♑	12°16'39" ♒	-17°50'21"	04°27'19"	00°06'57"	10.978
13/11/2050 00:00:00	♒	23°10'43" ♓	-00°48'49"	-03°49'56"	00°06'41"	0.003
13/11/2050 00:00:00	T♏	11°47'56" ♑	-15°22'08"	00°00'00"	00°00'20"	0.003
13/11/2050 00:00:00	T♑	16°37'23" ♒	01°16'28"	-04°20'36"	-00°11'02"	0.003
13/11/2050 00:00:00	X	00°50'22" ♏	06°37'14"	-05°28'46"	-00°00'34"	91.862
13/11/2050 00:00:00	Y	18°53'35" ♐	11°54'56"	-11°05'11"	-00°00'34"	77.154
14/11/2050 00:00:00	♈	21°48'07" ♌	-18°12'34"	00°00'00"	01°00'24"	0.990
14/11/2050 00:00:00	♉	15°14'37" ♌	-16°05'49"	00°19'05"	12°26'35"	0.003
14/11/2050 00:00:00	♊	12°19'14" ♉	-24°44'15"	0-02°29'46"	01°18'53"	1.175
14/11/2050 00:00:00	♀	16°43'01" ♈	-07°27'47"	-00°58'10"	00°16'19"	0.367
14/11/2050 00:00:00	♂	06°40'34" ♉	-10°37'58"	-01°41'44"	00°32'14"	0.786

Ephemerides year 2050

14/11/2050 00:00:00	♃	03°41'29" ♉	10°56'54"	00°51'22"	00°06'37"	5.461
14/11/2050 00:00:00	♅	03°29'13" ♊	-19°58'15"	-00°37'12"	00°03'41"	10.202
14/11/2050 00:00:00	♆	24°32'54" ♋	02°50'55"	00°44'41"	00°02'26"	18.799
14/11/2050 00:00:00	♁	27°06'28" ♌	17°47'05"	-01°46'01"	-00°01'41"	28.832
14/11/2050 00:00:00	♂	08°29'01" ♍	-20°32'40"	-13°09'42"	-00°00'12"	41.347
14/11/2050 00:00:00	♄	11°48'03" ♎	-15°22'10"	00°00'00"	-00°00'08"	0.003
14/11/2050 00:00:00	♁	12°23'37" ♏	-17°51'13"	04°27'20"	00°06'58"	10.985
14/11/2050 00:00:00	♁	23°17'24" ♐	-00°50'55"	-03°49'21"	00°06'41"	0.003
14/11/2050 00:00:00	♁♄	11°48'03" ♎♄	-15°22'10"	00°00'00"	-00°00'08"	0.003
14/11/2050 00:00:00	♁♃	16°52'58" ♎♃	01°11'22"	-04°19'36"	00°47'56"	0.003
14/11/2050 00:00:00	X	00°49'48" ♏	06°37'05"	-05°28'43"	-00°00'34"	91.868
14/11/2050 00:00:00	Y	18°53'00" ♐	11°54'50"	-11°05'15"	-00°00'35"	77.146
15/11/2050 00:00:00	♁	22°48'32" ♎	-18°28'03"	00°00'00"	01°00'25"	0.989
15/11/2050 00:00:00	♁	27°47'48" ♎	-18°14'23"	01°27'32"	12°39'54"	0.003
15/11/2050 00:00:00	♁	13°37'27" ♏	-24°56'26"	0-02°31'57"	01°17'32"	1.158
15/11/2050 00:00:00	♁	17°00'21" ♏	-07°23'25"	-00°46'14"	00°18'20"	0.373
15/11/2050 00:00:00	♁	07°12'55" ♏	-10°23'26"	-01°39'02"	00°32'28"	0.793
15/11/2050 00:00:00	♃	03°48'03" ♉	10°54'44"	00°51'36"	00°06'29"	5.445
15/11/2050 00:00:00	♅	03°32'58" ♊	-19°57'24"	-00°37'13"	00°03'46"	10.218

Ephemerides year 2050

15/11/2050 00:00:00	♃	24°35'19" ♃	02°50'00"	00°44'43"	00°02'24"	18.785
15/11/2050 00:00:00	♃	27°04'47" ♃	17°46'42"	-01°46'01"	-00°01'41"	28.830
15/11/2050 00:00:00	♃	08°28'50" ♃	-20°32'29"	-13°09'25"	-00°00'10"	41.364
15/11/2050 00:00:00	♃	11°47'36" ♃	-15°22'02"	00°00'00"	-00°00'44"	0.003
15/11/2050 00:00:00	♃	12°30'37" ♃	-17°52'04"	04°27'21"	00°07'00"	10.993
15/11/2050 00:00:00	♃	23°24'05" ♃	-00°53'00"	-03°48'45"	00°06'41"	0.003
15/11/2050 00:00:00	♃	11°47'36" ♃	-15°22'02"	00°00'00"	-00°00'44"	0.003
15/11/2050 00:00:00	♃	18°23'09" ♃	00°41'06"	-04°14'32"	02°16'06"	0.003
15/11/2050 00:00:00	♃	00°49'14" ♃	06°36'57"	-05°28'39"	-00°00'33"	91.874
15/11/2050 00:00:00	♃	18°52'25" ♃	11°54'44"	-11°05'18"	-00°00'35"	77.138
16/11/2050 00:00:00	♃	23°48'59" ♃	-18°43'12"	00°00'00"	01°00'27"	0.989
16/11/2050 00:00:00	♃	10°34'35" ♃	-19°30'13"	02°32'47"	12°53'41"	0.003
16/11/2050 00:00:00	♃	14°54'16" ♃	-25°07'17"	0-02°33'40"	01°16'02"	1.141
16/11/2050 00:00:00	♃	17°19'40" ♃	-07°20'06"	-00°34'38"	00°20'17"	0.379
16/11/2050 00:00:00	♃	07°45'31" ♃	-10°08'48"	-01°36'23"	00°32'42"	0.801
16/11/2050 00:00:00	♃	03°54'27" ♃	10°52'37"	00°51'49"	00°06'19"	5.430
16/11/2050 00:00:00	♃	03°36'47" ♃	-19°56'31"	-00°37'14"	00°03'51"	10.233
16/11/2050 00:00:00	♃	24°37'42" ♃	02°49'05"	00°44'45"	00°02'21"	18.770
16/11/2050 00:00:00	♃	27°03'05" ♃	17°46'19"	-01°46'01"	-00°01'41"	28.830



Ephemerides year 2050

16/11/2050 00:00:00	♁	08°28'40" ♋	-20°32'17"	-13°09'09"	-00°00'08"	41.381
16/11/2050 00:00:00	♁	11°46'33" ♎	-15°21'42"	00°00'00"	-00°01'21"	0.003
16/11/2050 00:00:00	♋	12°37'38" ♎	-17°52'54"	04°27'23"	00°07'01"	11.000
16/11/2050 00:00:00	♁	23°30'47" ♎	-00°55'06"	-03°48'09"	00°06'41"	0.003
16/11/2050 00:00:00	♁	11°46'33" ♎	-15°21'42"	00°00'00"	-00°01'21"	0.003
16/11/2050 00:00:00	♁	21°28'57" ♎	-00°21'30"	-04°03'45"	03°55'22"	0.003
16/11/2050 00:00:00	X	00°48'40" ♎	06°36'49"	-05°28'36"	-00°00'33"	91.880
16/11/2050 00:00:00	Y	18°51'49" ♎	11°54'38"	-11°05'21"	-00°00'35"	77.131
17/11/2050 00:00:00	♁	24°49'27" ♎	-18°58'01"	00°00'00"	01°00'29"	0.989
17/11/2050 00:00:00	♁	23°35'09" ♎	-19°45'28"	03°31'17"	13°07'25"	0.003
17/11/2050 00:00:00	♁	16°09'28" ♎	-25°16'46"	02°34'55"	01°14'20"	1.123
17/11/2050 00:00:00	♁	17°40'55" ♎	-07°17'49"	-00°23'22"	00°22'11"	0.385
17/11/2050 00:00:00	♁	08°18'20" ♋	-09°54'05"	-01°33'45"	00°32'55"	0.808
17/11/2050 00:00:00	♁	04°00'42" ♎	10°50'33"	00°52'03"	00°06'10"	5.414
17/11/2050 00:00:00	♁	03°40'41" ♎	-19°55'37"	-00°37'15"	00°03'56"	10.249
17/11/2050 00:00:00	♁	24°40'03" ♎	02°48'11"	00°44'47"	00°02'18"	18.755
17/11/2050 00:00:00	♁	27°01'24" ♎	17°45'56"	-01°46'01"	-00°01'41"	28.829
17/11/2050 00:00:00	♁	08°28'32" ♋	-20°32'05"	-13°08'52"	-00°00'07"	41.398
17/11/2050 00:00:00	♁	11°44'56" ♎	-15°21'13"	00°00'00"	-00°01'49"	0.003

































Ephemerides year 2050

17/11/2050 00:00:00	♁	12°44'40" ♄	-17°53'44"	04°27'25"	00°07'02"	11.006
17/11/2050 00:00:00	♁	23°37'28" ♃	-00°57'11"	-03°47'33"	00°06'41"	0.003
17/11/2050 00:00:00	♁	11°44'56" ♃	-15°21'13"	00°00'00"	-00°01'49"	0.003
17/11/2050 00:00:00	♁	26°09'28" ♃	-01°56'03"	-03°46'14"	05°21'19"	0.003
17/11/2050 00:00:00	X	00°48'06" ♄	06°36'41"	-05°28'32"	-00°00'33"	91.887
17/11/2050 00:00:00	Y	18°51'13" ♃	11°54'32"	-11°05'24"	-00°00'36"	77.124
18/11/2050 00:00:00	♁	25°49'57" ♃	-19°12'29"	00°00'00"	01°00'30"	0.989
18/11/2050 00:00:00	♁	06°49'17" ♄	-18°56'07"	04°19'30"	13°20'46"	0.003
18/11/2050 00:00:00	♁	17°22'52" ♄	-25°24'51"	0-02°35'38"	01°12'25"	1.104
18/11/2050 00:00:00	♁	18°04'01" ♃	-07°16'31"	-00°12'26"	00°24'00"	0.391
18/11/2050 00:00:00	♁	08°51'23" ♃	-09°39'17"	-01°31'10"	00°33'08"	0.816
18/11/2050 00:00:00	♁	04°06'49" ♃	10°48'33"	00°52'17"	00°06'01"	5.399
18/11/2050 00:00:00	♁	03°44'40" ♃	-19°54'42"	-00°37'16"	00°04'01"	10.264
18/11/2050 00:00:00	♁	24°42'20" ♃	02°47'18"	00°44'49"	00°02'16"	18.740
18/11/2050 00:00:00	♁	26°59'42" ♄	17°45'33"	-01°46'01"	-00°01'41"	28.829
18/11/2050 00:00:00	♁	08°28'25" ♃	-20°31'52"	-13°08'35"	-00°00'05"	41.415
18/11/2050 00:00:00	♁	11°42'59" ♃	-15°20'36"	00°00'00"	-00°02'02"	0.003
18/11/2050 00:00:00	♁	12°51'43" ♄	-17°54'34"	04°27'28"	00°07'04"	11.013
18/11/2050 00:00:00	♁	23°44'10" ♃	-00°59'16"	-03°46'58"	00°06'41"	0.003

Ephemerides year 2050

18/11/2050 00:00:00	T♄	11°42'59" ♍	-15°20'36"	00°00'00"	-00°02'02"	0.003
18/11/2050 00:00:00	T♄	01°58'59" ♌	-03°53'00"	-03°22'23"	06°09'37"	0.003
18/11/2050 00:00:00	X	00°47'33" ♄	06°36'33"	-05°28'28"	-00°00'33"	91.894
18/11/2050 00:00:00	Y	18°50'37" ♀	11°54'26"	-11°05'27"	-00°00'36"	77.117
19/11/2050 00:00:00	☉	26°50'28" ♍	-19°26'37"	00°00'00"	01°00'31"	0.989
19/11/2050 00:00:00	☾	20°16'30" ♌	-17°02'53"	04°54'19"	13°33'32"	0.003
19/11/2050 00:00:00	☿	18°34'14" ♌	-25°31'32"	0-02°35'46"	01°10'15"	1.085
19/11/2050 00:00:00	♀	18°28'55" ♌	-07°16'11"	-00°01'49"	00°25'46"	0.397
19/11/2050 00:00:00	♂	09°24'38" ♋	-09°24'23"	-01°28'36"	00°33'21"	0.823
19/11/2050 00:00:00	♃	04°12'45" ♌	10°46'36"	00°52'31"	00°05'52"	5.383
19/11/2050 00:00:00	♅	03°48'45" ♋	-19°53'46"	-00°37'17"	00°04'06"	10.280
19/11/2050 00:00:00	♁	24°44'35" ♌	02°46'27"	00°44'51"	00°02'13"	18.725
19/11/2050 00:00:00	♆	26°58'01" ♄	17°45'10"	-01°46'00"	-00°01'41"	28.829
19/11/2050 00:00:00	♁	08°28'20" ♋	-20°31'39"	-13°08'18"	-00°00'04"	41.432
19/11/2050 00:00:00	♁	11°40'57" ♍	-15°19'59"	00°00'00"	-00°01'56"	0.003
19/11/2050 00:00:00	♃	12°58'48" ♌	-17°55'23"	04°27'31"	00°07'05"	11.019
19/11/2050 00:00:00	♄	23°50'51" ♌	-01°01'22"	-03°46'21"	00°06'41"	0.003
19/11/2050 00:00:00	T♄	11°40'57" ♍	-15°19'59"	00°00'00"	-00°01'56"	0.003
19/11/2050 00:00:00	T♄	08°10'00" ♌	-05°54'54"	-02°54'50"	06°02'15"	0.003

Ephemerides year 2050

19/11/2050 00:00:00	X	00°47'00" 	06°36'25"	-05°28'24"	-00°00'32"	91.901
19/11/2050 00:00:00	Y	18°50'01" 	11°54'21"	-11°05'30"	-00°00'36"	77.110
20/11/2050 00:00:00		27°51'01" 	-19°40'24"	00°00'00"	01°00'33"	0.988
20/11/2050 00:00:00		03°56'07" 	-14°11'12"	05°13'07"	13°45'34"	0.003
20/11/2050 00:00:00		19°43'17" 	-25°36'47"	o-02°35'18"	01°07'48"	1.065
20/11/2050 00:00:00		18°55'33" 	-07°16'48"	00°08'26"	00°27'28"	0.404
20/11/2050 00:00:00		09°58'06" 	-09°09'25"	-01°26'05"	00°33'33"	0.831
20/11/2050 00:00:00		04°18'33" 	10°44'43"	00°52'45"	00°05'42"	5.367
20/11/2050 00:00:00		03°52'54" 	-19°52'48"	-00°37'18"	00°04'11"	10.295
20/11/2050 00:00:00		24°46'47" 	02°45'36"	00°44'53"	00°02'10"	18.710
20/11/2050 00:00:00		26°56'19" 	17°44'47"	-01°46'00"	-00°01'41"	28.829
20/11/2050 00:00:00		08°28'16" 	-20°31'25"	-13°08'01"	-00°00'02"	41.449
20/11/2050 00:00:00		11°39'14" 	-15°19'27"	00°00'00"	-00°01'28"	0.003
20/11/2050 00:00:00		13°05'54" 	-17°56'12"	04°27'34"	00°07'06"	11.025
20/11/2050 00:00:00		23°57'32" 	-01°03'27"	-03°45'45"	00°06'41"	0.003
20/11/2050 00:00:00	TΩ	11°39'14" 	-15°19'27"	00°00'00"	-00°01'28"	0.003
20/11/2050 00:00:00	T♄	13°43'21" 	-07°41'24"	-02°28'19"	04°55'09"	0.003
20/11/2050 00:00:00	X	00°46'28" 	06°36'17"	-05°28'21"	-00°00'32"	91.909
20/11/2050 00:00:00	Y	18°49'24" 	11°54'15"	-11°05'33"	-00°00'37"	77.104

Ephemerides year 2050

21/11/2050 00:00:00	☉	28°51'34" ♍	-19°53'50"	00°00'00"	01°00'34"	0.988
21/11/2050 00:00:00	☾	17°47'22" ♍	-10°30'15"	05°14'09"	13°56'45"	0.002
21/11/2050 00:00:00	♀	20°49'43" ♏	-25°40'35"	0-02°34'09"	01°05'00"	1.045
21/11/2050 00:00:00	♀	19°23'52" ♎	-07°18'19"	00°18'22"	00°29'07"	0.410
21/11/2050 00:00:00	♂	10°31'46" ♏	-08°54'21"	-01°23'36"	00°33'45"	0.838
21/11/2050 00:00:00	♋	04°24'11" ♍	10°42'53"	00°52'59"	00°05'32"	5.352
21/11/2050 00:00:00	♃	03°57'08" ♍	-19°51'50"	-00°37'19"	00°04'16"	10.310
21/11/2050 00:00:00	♃	24°48'57" ♍	02°44'47"	00°44'55"	00°02'07"	18.694
21/11/2050 00:00:00	♃	26°54'37" ♏	17°44'24"	-01°46'00"	-00°01'41"	28.830
21/11/2050 00:00:00	♃	08°28'14" ♏	-20°31'10"	-13°07'45"	-00°00'01"	41.467
21/11/2050 00:00:00	♁	11°38'07" ♍	-15°19'06"	00°00'00"	-00°00'43"	0.003
21/11/2050 00:00:00	♃	13°13'00" ♏	-17°56'59"	04°27'38"	00°07'07"	11.031
21/11/2050 00:00:00	♃	24°04'13" ♍	-01°05'32"	-03°45'09"	00°06'41"	0.003
21/11/2050 00:00:00	♁	11°38'07" ♍	-15°19'06"	00°00'00"	-00°00'43"	0.003
21/11/2050 00:00:00	♃	17°45'30" ♎	-08°56'25"	-02°08'11"	03°04'21"	0.003
21/11/2050 00:00:00	X	00°45'55" ♏	06°36'10"	-05°28'17"	-00°00'32"	91.917
21/11/2050 00:00:00	Y	18°48'46" ♏	11°54'10"	-11°05'35"	-00°00'37"	77.097
22/11/2050 00:00:00	☉	29°52'09" ♍	-20°06'54"	00°00'00"	01°00'35"	0.988
22/11/2050 00:00:00	☾	01°49'16" ♏	-06°11'59"	04°56'39"	14°06'48"	0.002

Ephemerides year 2050

22/11/2050 00:00:00	♀	21°53'11" ♄	-25°42'55" ♀	-02°32'16"	01°01'50"	1.024
22/11/2050 00:00:00	♀	19°53'47" ♄	-07°20'43"	00°27'59"	00°30'42"	0.417
22/11/2050 00:00:00	♂	11°05'37" ♃	-08°39'13"	-01°21'09"	00°33'57"	0.846
22/11/2050 00:00:00	♃	04°29'39" ♃	10°41'06"	00°53'14"	00°05'23"	5.336
22/11/2050 00:00:00	♃	04°01'26" ♃	-19°50'50"	-00°37'21"	00°04'20"	10.325
22/11/2050 00:00:00	♃	24°51'03" ♃	02°43'59"	00°44'58"	00°02'05"	18.678
22/11/2050 00:00:00	♃	26°52'55" ♃	17°44'02"	-01°45'59"	-00°01'41"	28.831
22/11/2050 00:00:00	♃	08°28'14" ♃	-20°30'54"	-13°07'28"	00°00'00"	41.484
22/11/2050 00:00:00	♃	11°37'49" ♃	-15°19'01"	00°00'00"	00°00'08"	0.003
22/11/2050 00:00:00	♃	13°20'08" ♃	-17°57'47"	04°27'42"	00°07'07"	11.037
22/11/2050 00:00:00	♃	24°10'55" ♃	-01°07'37"	-03°44'33"	00°06'41"	0.003
22/11/2050 00:00:00	T♃	11°37'49" ♃	-15°19'01"	00°00'00"	00°00'08"	0.003
22/11/2050 00:00:00	T♃	19°49'15" ♄	-09°33'51"	-01°57'40"	01°05'18"	0.003
22/11/2050 00:00:00	X	00°45'23" ♃	06°36'03"	-05°28'13"	-00°00'31"	91.925
22/11/2050 00:00:00	Y	18°48'09" ♃	11°54'05"	-11°05'38"	-00°00'37"	77.091
23/11/2050 00:00:00	♃	00°52'45" ♃	-20°19'36"	00°00'00"	01°00'36"	0.988
23/11/2050 00:00:00	♃	16°00'28" ♃	-01°30'18"	04°21'01"	14°15'16"	0.002
23/11/2050 00:00:00	♀	22°53'16" ♃	-25°43'46" ♀	-02°29'36"	00°58'14"	1.002
23/11/2050 00:00:00	♀	20°25'17" ♄	-07°23'58"	00°37'16"	00°32'14"	0.423

Ephemerides year 2050

23/11/2050 00:00:00	♂	11°39'39" ♃	-08°24'01"	-01°18'43"	00°34'08"	0.854
23/11/2050 00:00:00	♃	04°34'57" ♃	10°39'23"	00°53'28"	00°05'13"	5.320
23/11/2050 00:00:00	♃	04°05'49" ♃	-19°49'48"	-00°37'22"	00°04'25"	10.340
23/11/2050 00:00:00	♃	24°53'07" ♃	02°43'12"	00°45'00"	00°02'02"	18.663
23/11/2050 00:00:00	♃	26°51'14" ♂	17°43'39"	-01°45'59"	-00°01'41"	28.832
23/11/2050 00:00:00	♃	08°28'15" ♃	-20°30'39"	-13°07'11"	00°00'01"	41.501
23/11/2050 00:00:00	♃	11°38'21" ♃	-15°19'11"	00°00'00"	00°00'54"	0.003
23/11/2050 00:00:00	♃	13°27'16" ♂	-17°58'34"	04°27'46"	00°07'08"	11.042
23/11/2050 00:00:00	♃	24°17'36" ♃	-01°09'41"	-03°43'56"	00°06'41"	0.003
23/11/2050 00:00:00	♃	11°38'21" ♃	-15°19'11"	00°00'00"	00°00'54"	0.003
23/11/2050 00:00:00	♃	20°07'05" ♂	-09°39'14"	-01°56'11"	-00°21'35"	0.003
23/11/2050 00:00:00	X	00°44'51" ♂	06°35'56"	-05°28'09"	-00°00'31"	91.933
23/11/2050 00:00:00	Y	18°47'31" ♂	11°53'59"	-11°05'40"	-00°00'38"	77.086
24/11/2050 00:00:00	♃	01°53'22" ♂	-20°31'55"	00°00'00"	01°00'37"	0.987
24/11/2050 00:00:00	♃	00°19'04" ♃	03°19'17"	03°28'57"	14°21'28"	0.002
24/11/2050 00:00:00	♃	23°49'31" ♂	-25°43'07"	-02°26'05"	00°54'09"	0.981
24/11/2050 00:00:00	♀	20°58'16" ♃	-07°28'02"	00°46'14"	00°33'43"	0.430
24/11/2050 00:00:00	♂	12°13'53" ♃	-08°08'44"	-01°16'20"	00°34'18"	0.861
24/11/2050 00:00:00	♃	04°40'06" ♃	10°37'44"	00°53'42"	00°05'03"	5.304

Ephemerides year 2050

24/11/2050 00:00:00	♃	04°10'17" ♁	-19°48'46"	-00°37'23"	00°04'30"	10.355
24/11/2050 00:00:00	♃	24°55'08" ♃	02°42'26"	00°45'02"	00°01'59"	18.647
24/11/2050 00:00:00	♃	26°49'32" ♃	17°43'16"	-01°45'59"	-00°01'41"	28.833
24/11/2050 00:00:00	♃	08°28'17" ♃	-20°30'22"	-13°06'54"	00°00'03"	41.519
24/11/2050 00:00:00	♃	11°39'32" ♃	-15°19'33"	00°00'00"	00°01'22"	0.003
24/11/2050 00:00:00	♃	13°34'25" ♃	-17°59'20"	04°27'51"	00°07'09"	11.047
24/11/2050 00:00:00	♃	24°24'17" ♃	-01°11'46"	-03°43'19"	00°06'41"	0.003
24/11/2050 00:00:00	♃	11°39'32" ♃	-15°19'33"	00°00'00"	00°01'22"	0.003
24/11/2050 00:00:00	♃	19°23'44" ♃	-09°26'16"	-01°59'57"	-00°56'43"	0.003
24/11/2050 00:00:00	X	00°44'20" ♃	06°35'49"	-05°28'05"	-00°00'31"	91.942
24/11/2050 00:00:00	Y	18°46'53" ♃	11°53'54"	-11°05'42"	-00°00'38"	77.081
25/11/2050 00:00:00	♃	02°54'00" ♃	-20°43'51"	00°00'00"	01°00'38"	0.987
25/11/2050 00:00:00	♃	14°42'23" ♃	07°59'55"	02°23'30"	14°24'34"	0.002
25/11/2050 00:00:00	♃	24°41'25" ♃	-25°40'58"	-02°21'38"	00°49'32"	0.958
25/11/2050 00:00:00	♃	21°32'42" ♃	-07°32'54"	00°54'52"	00°35'09"	0.437
25/11/2050 00:00:00	♃	12°48'17" ♃	-07°53'24"	-01°13'59"	00°34'29"	0.869
25/11/2050 00:00:00	♃	04°45'04" ♃	10°36'08"	00°53'57"	00°04'53"	5.289
25/11/2050 00:00:00	♃	04°14'50" ♁	-19°47'43"	-00°37'24"	00°04'34"	10.369
25/11/2050 00:00:00	♃	24°57'05" ♃	02°41'41"	00°45'04"	00°01'56"	18.631



Ephemerides year 2050

25/11/2050 00:00:00	♁	26°47'51"	♄	17°42'54"	-01°45'58"	-00°01'41"	28.835
25/11/2050 00:00:00	♁	08°28'21"	♄	-20°30'05"	-13°06'37"	00°00'04"	41.536
25/11/2050 00:00:00	♁	11°40'57"	♄	-15°19'59"	00°00'00"	00°01'22"	0.003
25/11/2050 00:00:00	♁	13°41'35"	♄	-18°00'05"	04°27'56"	00°07'10"	11.052
25/11/2050 00:00:00	♁	24°30'58"	♄	-01°13'51"	-03°42'43"	00°06'41"	0.003
25/11/2050 00:00:00	T♁	11°40'57"	♄	-15°19'59"	00°00'00"	00°01'22"	0.003
25/11/2050 00:00:00	T♁	18°26'28"	♄	-09°08'59"	-02°04'51"	-00°53'54"	0.003
25/11/2050 00:00:00	X	00°43'49"	♄	06°35'42"	-05°28'01"	-00°00'30"	91.951
25/11/2050 00:00:00	Y	18°46'14"	♄	11°53'49"	-11°05'44"	-00°00'38"	77.076
26/11/2050 00:00:00	♁	03°54'39"	♄	-20°55'24"	00°00'00"	01°00'39"	0.987
26/11/2050 00:00:00	♁	29°06'52"	♄	12°13'45"	01°08'54"	14°23'40"	0.002
26/11/2050 00:00:00	♁	25°28'24"	♄	-25°37'17"	0-02°16'10"	00°44'17"	0.936
26/11/2050 00:00:00	♁	22°08'33"	♄	-07°38'31"	01°03'12"	00°36'31"	0.443
26/11/2050 00:00:00	♁	13°22'51"	♄	-07°37'59"	-01°11'39"	00°34'38"	0.877
26/11/2050 00:00:00	♁	04°49'53"	♄	10°34'36"	00°54'12"	00°04'43"	5.273
26/11/2050 00:00:00	♁	04°19'26"	♄	-19°46'38"	-00°37'26"	00°04'39"	10.384
26/11/2050 00:00:00	♁	24°59'00"	♄	02°40'58"	00°45'06"	00°01'53"	18.615
26/11/2050 00:00:00	♁	26°46'10"	♄	17°42'31"	-01°45'57"	-00°01'40"	28.838
26/11/2050 00:00:00	♁	08°28'26"	♄	-20°29'47"	-13°06'20"	00°00'06"	41.554

Ephemerides year 2050

26/11/2050 00:00:00	♏	11°42'06" ♍	-15°20'20"	00°00'00"	00°00'51"	0.003
26/11/2050 00:00:00	♋	13°48'46" ♉	-18°00'50"	04°28'01"	00°07'10"	11.057
26/11/2050 00:00:00	♌	24°37'39" ♊	-01°15'56"	-03°42'06"	00°06'41"	0.003
26/11/2050 00:00:00	♏	11°42'06" ♍	-15°20'20"	00°00'00"	00°00'51"	0.003
26/11/2050 00:00:00	♌	17°38'28" ♊	-08°54'20"	-02°08'52"	-00°43'09"	0.003
26/11/2050 00:00:00	X	00°43'18" ♄	06°35'35"	-05°27'57"	-00°00'30"	91.960
26/11/2050 00:00:00	Y	18°45'36" ♋	11°53'45"	-11°05'46"	-00°00'38"	77.071
27/11/2050 00:00:00	♁	04°55'20" ♈	-21°06'34"	00°00'00"	01°00'41"	0.987
27/11/2050 00:00:00	♃	13°28'12" ♊	15°43'19"	-00°09'42"	14°18'09"	0.002
27/11/2050 00:00:00	♌	26°09'48" ♊	-25°32'04"	0-02°09'38"	00°38'23"	0.913
27/11/2050 00:00:00	♍	22°45'45" ♋	-07°44'52"	01°11'12"	00°37'51"	0.450
27/11/2050 00:00:00	♈	13°57'35" ♈	-07°22'30"	-01°09'22"	00°34'48"	0.885
27/11/2050 00:00:00	♌	04°54'32" ♊	10°33'07"	00°54'26"	00°04'33"	5.257
27/11/2050 00:00:00	♃	04°24'08" ♊	-19°45'32"	-00°37'27"	00°04'43"	10.398
27/11/2050 00:00:00	♌	25°00'52" ♊	02°40'15"	00°45'09"	00°01'50"	18.599
27/11/2050 00:00:00	♍	26°44'30" ♋	17°42'09"	-01°45'57"	-00°01'40"	28.840
27/11/2050 00:00:00	♋	08°28'33" ♈	-20°29'29"	-13°06'02"	00°00'07"	41.571
27/11/2050 00:00:00	♏	11°42'30" ♍	-15°20'27"	00°00'00"	-00°00'08"	0.003
27/11/2050 00:00:00	♋	13°55'57" ♈	-18°01'34"	04°28'07"	00°07'11"	11.061

Ephemerides year 2050

27/11/2050 00:00:00	☾	24°44'20" ♎	-01°18'00"	-03°41'29"	00°06'41"	0.003
27/11/2050 00:00:00	♄	11°42'30" ♎	-15°20'27"	00°00'00"	-00°00'08"	0.003
27/11/2050 00:00:00	♁	16°54'55" ♎	-08°40'51"	-02°12'22"	-00°47'35"	0.003
27/11/2050 00:00:00	X	00°42'48" ♎	06°35'29"	-05°27'52"	-00°00'30"	91.969
27/11/2050 00:00:00	Y	18°44'57" ♎	11°53'40"	-11°05'47"	-00°00'38"	77.066
28/11/2050 00:00:00	☉	05°56'02" ♎	-21°17'20"	00°00'00"	01°00'42"	0.987
28/11/2050 00:00:00	☾	27°41'33" ♎	18°13'37"	-01°26'54"	14°07'46"	0.002
28/11/2050 00:00:00	♁	26°44'55" ♎	-25°25'19"	0-02°01'55"	00°31'44"	0.890
28/11/2050 00:00:00	♀	23°24'15" ♎	-07°51'54"	01°18'55"	00°39'08"	0.457
28/11/2050 00:00:00	♂	14°32'28" ♎	-07°06'57"	-01°07'06"	00°34'57"	0.892
28/11/2050 00:00:00	♃	04°59'01" ♎	10°31'43"	00°54'41"	00°04'23"	5.241
28/11/2050 00:00:00	♅	04°28'54" ♎	-19°44'25"	-00°37'28"	00°04'47"	10.412
28/11/2050 00:00:00	♁	25°02'42" ♎	02°39'34"	00°45'11"	00°01'47"	18.582
28/11/2050 00:00:00	♁	26°42'49" ♎	17°41'46"	-01°45'56"	-00°01'40"	28.843
28/11/2050 00:00:00	♁	08°28'42" ♎	-20°29'10"	-13°05'45"	00°00'09"	41.589
28/11/2050 00:00:00	♄	11°41'44" ♎	-15°20'13"	00°00'00"	-00°01'25"	0.003
28/11/2050 00:00:00	♁	14°03'09" ♎	-18°02'18"	04°28'13"	00°07'12"	11.065
28/11/2050 00:00:00	☾	24°51'01" ♎	-01°20'05"	-03°40'52"	00°06'41"	0.003
28/11/2050 00:00:00	♄	11°41'44" ♎	-15°20'13"	00°00'00"	-00°01'25"	0.003

Ephemerides year 2050

28/11/2050 00:00:00	T♄	15°55'20" ♈	-08°22'13"	-02°17'04"	-01°15'23"	0.003
28/11/2050 00:00:00	X	00°42'18" ♄	06°35'22"	-05°27'48"	-00°00'29"	91.979
28/11/2050 00:00:00	Y	18°44'18" ♀	11°53'35"	-11°05'49"	-00°00'39"	77.062
29/11/2050 00:00:00	☉	06°56'45" ♈	-21°27'42"	-00°00'00"	01°00'43"	0.987
29/11/2050 00:00:00	☾	11°42'13" ♀	19°34'42"	-02°37'34"	13°52'52"	0.003
29/11/2050 00:00:00	♀	27°13'01" ♈	-25°17'01"	-01°52'58"	00°24'18"	0.867
29/11/2050 00:00:00	♀	24°04'00" ♈	-07°59'38"	01°26'19"	00°40'22"	0.464
29/11/2050 00:00:00	♂	15°07'30" ♀	-06°51'21"	-01°04'52"	00°35'06"	0.900
29/11/2050 00:00:00	♃	05°03'19" ♄	10°30'22"	00°54'56"	00°04'13"	5.225
29/11/2050 00:00:00	♅	04°33'44" ♁	-19°43'17"	-00°37'30"	00°04'52"	10.426
29/11/2050 00:00:00	♁	25°04'28" ♄	02°38'54"	00°45'13"	00°01'44"	18.566
29/11/2050 00:00:00	♃	26°41'10" ♄	17°41'24"	-01°45'55"	-00°01'39"	28.846
29/11/2050 00:00:00	♁	08°28'52" ♀	-20°28'50"	-13°05'28"	00°00'10"	41.606
29/11/2050 00:00:00	♁	11°39'37" ♄	-15°19'34"	00°00'00"	-00°02'46"	0.003
29/11/2050 00:00:00	♃	14°10'22" ♈	-18°03'00"	04°28'20"	00°07'12"	11.069
29/11/2050 00:00:00	♄	24°57'42" ♄	-01°22'09"	-03°40'15"	00°06'41"	0.003
29/11/2050 00:00:00	T♁	11°39'37" ♄	-15°19'34"	00°00'00"	-00°02'46"	0.003
29/11/2050 00:00:00	T♄	14°17'51" ♈	-07°51'28"	-02°24'40"	-02°01'39"	0.003
29/11/2050 00:00:00	X	00°41'49" ♄	06°35'16"	-05°27'44"	-00°00'29"	91.989

Ephemerides year 2050

29/11/2050 00:00:00	Y	18°43'39" ♀	11°53'31"	-11°05'50"	-00°00'39"	77.058
30/11/2050 00:00:00	☉	07°57'29" ♄	-21°37'39"	-00°00'00"	01°00'45"	0.986
30/11/2050 00:00:00	☾	25°26'06" ♀	19°43'41"	-03°37'32"	13°34'25"	0.003
30/11/2050 00:00:00	♁	27°33'16" ♄	-25°07'09"	0-01°42'41"	00°16'04"	0.844
30/11/2050 00:00:00	♂	24°44'58" ♄	-08°07'59"	01°33'26"	00°41'33"	0.471
30/11/2050 00:00:00	♂	15°42'42" ♃	-06°35'41"	-01°02'40"	00°35'15"	0.908
30/11/2050 00:00:00	♃	05°07'27" ♄	10°29'05"	00°55'11"	00°04'02"	5.210
30/11/2050 00:00:00	♅	04°38'38" ♁	-19°42'07"	-00°37'31"	00°04'56"	10.440
30/11/2050 00:00:00	♁	25°06'11" ♄	02°38'15"	00°45'16"	00°01'41"	18.550
30/11/2050 00:00:00	♁	26°39'30" ♄	17°41'02"	-01°45'54"	-00°01'39"	28.849
30/11/2050 00:00:00	♁	08°29'04" ♃	-20°28'30"	-13°05'11"	00°00'12"	41.624
30/11/2050 00:00:00	♁	11°36'15" ♄	-15°18'32"	00°00'00"	-00°03'54"	0.003
30/11/2050 00:00:00	♁	14°17'34" ♄	-18°03'43"	04°28'26"	00°07'13"	11.072
30/11/2050 00:00:00	♁	25°04'24" ♄	-01°24'14"	-03°39'37"	00°06'41"	0.003
30/11/2050 00:00:00	T♁	11°36'15" ♄	-15°18'32"	00°00'00"	-00°03'54"	0.003
30/11/2050 00:00:00	T♁	11°50'46" ♄	-07°04'30"	-02°36'00"	-02°51'31"	0.003
30/11/2050 00:00:00	X	00°41'20" ♄	06°35'11"	-05°27'40"	-00°00'28"	91.999
30/11/2050 00:00:00	Y	18°43'00" ♀	11°53'27"	-11°05'51"	-00°00'39"	77.055
01/12/2050 00:00:00	☉	08°58'15" ♄	-21°47'12"	-00°00'00"	01°00'46"	0.986

Ephemerides year 2050

01/12/2050 00:00:00	♃	08°50'21" ♉	18°44'48"	-04°23'54"	13°13'51"	0.003
01/12/2050 00:00:00	♆	27°44'53" ♋	-24°55'42"	♁-01°31'02"	00°07'01"	0.822
01/12/2050 00:00:00	♀	25°27'06" ♋	-08°16'57"	01°40'15"	00°42'41"	0.478
01/12/2050 00:00:00	♂	16°18'01" ♋	-06°19'58"	-01°00'30"	00°35'24"	0.916
01/12/2050 00:00:00	♃	05°11'25" ♋	10°27'51"	00°55'26"	00°03'52"	5.194
01/12/2050 00:00:00	♃	04°43'37" ♋	-19°40'57"	-00°37'32"	00°05'00"	10.454
01/12/2050 00:00:00	♃	25°07'51" ♋	02°37'38"	00°45'18"	00°01'38"	18.533
01/12/2050 00:00:00	♃	26°37'51" ♋	17°40'41"	-01°45'53"	-00°01'38"	28.853
01/12/2050 00:00:00	♃	08°29'17" ♋	-20°28'09"	-13°04'54"	00°00'14"	41.641
01/12/2050 00:00:00	♃	11°31'56" ♋	-15°17'12"	00°00'00"	-00°04'36"	0.003
01/12/2050 00:00:00	♃	14°24'48" ♋	-18°04'24"	04°28'34"	00°07'13"	11.076
01/12/2050 00:00:00	♃	25°11'05" ♋	-01°26'18"	-03°39'00"	00°06'41"	0.003
01/12/2050 00:00:00	♃	11°31'56" ♋	-15°17'12"	00°00'00"	-00°04'36"	0.003
01/12/2050 00:00:00	♃	08°40'10" ♋	-06°02'43"	-02°50'21"	-03°25'31"	0.003
01/12/2050 00:00:00	X	00°40'51" ♋	06°35'05"	-05°27'35"	-00°00'28"	92.009
01/12/2050 00:00:00	Y	18°42'20" ♋	11°53'23"	-11°05'52"	-00°00'39"	77.052
02/12/2050 00:00:00	♁	09°59'02" ♋	-21°56'20"	-00°00'00"	01°00'47"	0.986
02/12/2050 00:00:00	♃	21°53'40" ♉	16°47'35"	-04°55'09"	12°52'50"	0.003
02/12/2050 00:00:00	♆	27°47'03" ♋	-24°42'39"	♁-01°17'56"	-00°02'48"	0.800

Ephemerides year 2050

02/12/2050 00:00:00	♀	26°10'21" ♈	-08°26'30"	01°46'47"	00°43'47"	0.486
02/12/2050 00:00:00	♂	16°53'30" ♏	-06°04'12"	-00°58'21"	00°35'32"	0.924
02/12/2050 00:00:00	♃	05°15'12" ♍	10°26'42"	00°55'41"	00°03'41"	5.178
02/12/2050 00:00:00	♅	04°48'40" ♋	-19°39'45"	-00°37'34"	00°05'04"	10.468
02/12/2050 00:00:00	♁	25°09'29" ♌	02°37'01"	00°45'20"	00°01'35"	18.517
02/12/2050 00:00:00	♃	26°36'13" ♏	17°40'19"	-01°45'52"	-00°01'38"	28.857
02/12/2050 00:00:00	♁	08°29'32" ♏	-20°27'48"	-13°04'37"	00°00'15"	41.659
02/12/2050 00:00:00	♁	11°27'13" ♍	-15°15'45"	00°00'00"	-00°04'43"	0.003
02/12/2050 00:00:00	♃	14°32'01" ♏	-18°05'05"	04°28'41"	00°07'13"	11.079
02/12/2050 00:00:00	♁	25°17'46" ♌	-01°28'22"	-03°38'22"	00°06'41"	0.003
02/12/2050 00:00:00	T♁	11°27'13" ♍	-15°15'45"	00°00'00"	-00°04'43"	0.003
02/12/2050 00:00:00	T♁	05°09'51" ♈	-04°53'29"	-03°05'39"	-03°29'39"	0.003
02/12/2050 00:00:00	X	00°40'23" ♏	06°34'59"	-05°27'31"	-00°00'27"	92.020
02/12/2050 00:00:00	Y	18°41'41" ♏	11°53'19"	-11°05'53"	-00°00'39"	77.049
03/12/2050 00:00:00	♁	10°59'51" ♏	-22°05'03"	-00°00'00"	01°00'49"	0.986
03/12/2050 00:00:00	♃	04°36'25" ♏	14°04'07"	-05°10'51"	12°33'01"	0.003
03/12/2050 00:00:00	♃	27°39'02" ♏	-24°27'58"	o-01°03'24"	-00°13'18"	0.779
03/12/2050 00:00:00	♀	26°54'41" ♈	-08°36'37"	01°53'02"	00°44'51"	0.493
03/12/2050 00:00:00	♂	17°29'06" ♏	-05°48'22"	-00°56'14"	00°35'40"	0.932

Ephemerides year 2050

03/12/2050 00:00:00	♃	05°18'49" ♉	10°25'36"	00°55'56"	00°03'31"	5.162
03/12/2050 00:00:00	♅	04°53'46" ♊	-19°38'33"	-00°37'35"	00°05'08"	10.481
03/12/2050 00:00:00	♆	25°11'03" ♋	02°36'26"	00°45'23"	00°01'32"	18.500
03/12/2050 00:00:00	♇	26°34'35" ♌	17°39'58"	-01°45'51"	-00°01'37"	28.861
03/12/2050 00:00:00	♁	08°29'48" ♍	-20°27'26"	-13°04'20"	00°00'17"	41.677
03/12/2050 00:00:00	♄	11°22'42" ♎	-15°14'21"	00°00'00"	-00°04'13"	0.003
03/12/2050 00:00:00	♂	14°39'15" ♏	-18°05'45"	04°28'49"	00°07'13"	11.081
03/12/2050 00:00:00	♆	25°24'27" ♋	-01°30'26"	-03°37'45"	00°06'41"	0.003
03/12/2050 00:00:00	♄♁	11°22'42" ♎	-15°14'21"	00°00'00"	-00°04'13"	0.003
03/12/2050 00:00:00	♄♁	01°50'49" ♎	-03°47'09"	-03°19'34"	-03°04'24"	0.003
03/12/2050 00:00:00	X	00°39'55" ♏	06°34'54"	-05°27'26"	-00°00'27"	92.031
03/12/2050 00:00:00	Y	18°41'01" ♏	11°53'15"	-11°05'54"	-00°00'39"	77.046
04/12/2050 00:00:00	♁	12°00'41" ♏	-22°13'20"	-00°00'00"	01°00'50"	0.986
04/12/2050 00:00:00	♃	17°00'35" ♉	10°46'40"	-05°11'29"	12°15'50"	0.003
04/12/2050 00:00:00	♁	27°20'16" ♏	-24°11'39"	-00°47'26"	-00°24'18"	0.759
04/12/2050 00:00:00	♁	27°40'03" ♏	-08°47'14"	01°59'01"	00°45'52"	0.500
04/12/2050 00:00:00	♂	18°04'51" ♍	-05°32'29"	-00°54'09"	00°35'48"	0.940
04/12/2050 00:00:00	♃	05°22'15" ♉	10°24'35"	00°56'11"	00°03'20"	5.147
04/12/2050 00:00:00	♅	04°58'57" ♊	-19°37'19"	-00°37'37"	00°05'12"	10.494



Ephemerides year 2050

04/12/2050 00:00:00	♃	25°12'34"	♍	02°35'52"	00°45'25"	00°01'29"	18.483
04/12/2050 00:00:00	♃	26°32'57"	♍	17°39'36"	-01°45'50"	-00°01'37"	28.866
04/12/2050 00:00:00	♃	08°30'06"	♃	-20°27'03"	-13°04'03"	00°00'18"	41.694
04/12/2050 00:00:00	♃	11°18'57"	♍	-15°13'11"	00°00'00"	-00°03'11"	0.003
04/12/2050 00:00:00	♃	14°46'29"	♃	-18°06'25"	04°28'57"	00°07'13"	11.084
04/12/2050 00:00:00	♃	25°31'08"	♍	-01°32'30"	-03°37'07"	00°06'41"	0.003
04/12/2050 00:00:00	♃	11°18'57"	♍	-15°13'11"	00°00'00"	-00°03'11"	0.003
04/12/2050 00:00:00	♃	29°06'20"	♍	-02°51'55"	-03°30'37"	-02°23'21"	0.003
04/12/2050 00:00:00	X	00°39'28"	♍	06°34'49"	-05°27'22"	-00°00'27"	92.042
04/12/2050 00:00:00	Y	18°40'21"	♃	11°53'11"	-11°05'54"	-00°00'40"	77.044
05/12/2050 00:00:00	♃	13°01'32"	♃	-22°21'11"	-00°00'00"	01°00'51"	0.986
05/12/2050 00:00:00	♃	29°09'22"	♃	07°06'11"	-04°58'01"	12°02'26"	0.003
05/12/2050 00:00:00	♃	26°50'20"	♃	-23°53'42"	-00°30'09"	-00°35'32"	0.741
05/12/2050 00:00:00	♃	28°26'25"	♃	-08°58'22"	02°04'43"	00°46'50"	0.507
05/12/2050 00:00:00	♃	18°40'43"	♃	-05°16'34"	-00°52'05"	00°35'56"	0.948
05/12/2050 00:00:00	♃	05°25'30"	♍	10°23'38"	00°56'27"	00°03'09"	5.131
05/12/2050 00:00:00	♃	05°04'12"	♃	-19°36'04"	-00°37'38"	00°05'16"	10.508
05/12/2050 00:00:00	♃	25°14'01"	♍	02°35'20"	00°45'27"	00°01'26"	18.466
05/12/2050 00:00:00	♃	26°31'20"	♍	17°39'15"	-01°45'48"	-00°01'36"	28.871

Ephemerides year 2050

05/12/2050 00:00:00	♁	08°30'25"	♈	-20°26'40"	-13°03'46"	00°00'19"	41.712
05/12/2050 00:00:00	♁	11°16'25"	♍	-15°12'24"	00°00'00"	-00°01'49"	0.003
05/12/2050 00:00:00	♁	14°53'43"	♌	-18°07'03"	04°29'06"	00°07'13"	11.086
05/12/2050 00:00:00	♁	25°37'49"	♍	-01°34'34"	-03°36'29"	00°06'40"	0.003
05/12/2050 00:00:00	♁	11°16'25"	♍	-15°12'24"	00°00'00"	-00°01'49"	0.003
05/12/2050 00:00:00	♁	27°03'43"	♍	-02°10'34"	-03°38'37"	-01°43'15"	0.003
05/12/2050 00:00:00	X	00°39'01"	♄	06°34'44"	-05°27'17"	-00°00'26"	92.053
05/12/2050 00:00:00	Y	18°39'41"	♄	11°53'08"	-11°05'55"	-00°00'40"	77.041
06/12/2050 00:00:00	♁	14°02'24"	♌	-22°28'37"	-00°00'00"	01°00'53"	0.985
06/12/2050 00:00:00	♁	11°07'00"	♍	03°12'03"	-04°31'43"	11°53'36"	0.003
06/12/2050 00:00:00	♁	26°09'13"	♌	-23°34'08"	00°11'40"	-00°46'38"	0.724
06/12/2050 00:00:00	♁	29°13'44"	♌	-09°09'57"	02°10'09"	00°47'46"	0.514
06/12/2050 00:00:00	♁	19°16'43"	♈	-05°00'35"	-00°50'03"	00°36'03"	0.956
06/12/2050 00:00:00	♁	05°28'34"	♍	10°22'44"	00°56'42"	00°02'58"	5.115
06/12/2050 00:00:00	♁	05°09'31"	♁	-19°34'49"	-00°37'40"	00°05'20"	10.521
06/12/2050 00:00:00	♁	25°15'26"	♍	02°34'49"	00°45'30"	00°01'22"	18.449
06/12/2050 00:00:00	♁	26°29'44"	♄	17°38'54"	-01°45'47"	-00°01'36"	28.876
06/12/2050 00:00:00	♁	08°30'46"	♈	-20°26'17"	-13°03'29"	00°00'21"	41.729
06/12/2050 00:00:00	♁	11°15'19"	♍	-15°12'04"	00°00'00"	-00°00'22"	0.003

Ephemerides year 2050

06/12/2050 00:00:00	♁	15°00'57" ♄	-18°07'41"	04°29'15"	00°07'13"	11.088
06/12/2050 00:00:00	♁	25°44'30" ♃	-01°36'38"	-03°35'51"	00°06'40"	0.003
06/12/2050 00:00:00	♁	11°15'19" ♃	-15°12'04"	00°00'00"	-00°00'22"	0.003
06/12/2050 00:00:00	♁	25°35'23" ♃	-01°40'45"	-03°44'16"	-01°16'16"	0.003
06/12/2050 00:00:00	X	00°38'35" ♄	06°34'39"	-05°27'12"	-00°00'26"	92.065
06/12/2050 00:00:00	Y	18°39'01" ♃	11°53'04"	-11°05'55"	-00°00'40"	77.040
07/12/2050 00:00:00	♁	15°03'18" ♄	-22°35'36"	-00°00'00"	01°00'54"	0.985
07/12/2050 00:00:00	♁	22°58'15" ♃	-00°47'39"	-03°54'00"	11°49'44"	0.003
07/12/2050 00:00:00	♁	25°17'14" ♄	-23°13'02"	00°07'46"	-00°57'09"	0.710
07/12/2050 00:00:00	♁	00°01'58" ♃	-09°21'59"	02°15'20"	00°48'40"	0.522
07/12/2050 00:00:00	♁	19°52'50" ♃	-04°44'34"	-00°48'03"	00°36'11"	0.964
07/12/2050 00:00:00	♁	05°31'27" ♃	10°21'55"	00°56'57"	00°02'47"	5.100
07/12/2050 00:00:00	♁	05°14'53" ♃	-19°33'32"	-00°37'41"	00°05'24"	10.533
07/12/2050 00:00:00	♁	25°16'47" ♃	02°34'18"	00°45'32"	00°01'19"	18.432
07/12/2050 00:00:00	♁	26°28'08" ♄	17°38'34"	-01°45'46"	-00°01'35"	28.882
07/12/2050 00:00:00	♁	08°31'08" ♃	-20°25'53"	-13°03'12"	00°00'23"	41.747
07/12/2050 00:00:00	♁	11°15'36" ♃	-15°12'09"	00°00'00"	00°00'52"	0.003
07/12/2050 00:00:00	♁	15°08'11" ♄	-18°08'19"	04°29'25"	00°07'13"	11.090
07/12/2050 00:00:00	♁	25°51'11" ♃	-01°38'42"	-03°35'13"	00°06'40"	0.003

Ephemerides year 2050

07/12/2050 00:00:00	T♄	11°15'36" ♍	-15°12'09"	00°00'00"	00°00'52"	0.003
07/12/2050 00:00:00	T♄	24°24'44" ♍	-01°16'53"	-03°48'42"	-01°08'26"	0.003
07/12/2050 00:00:00	X	00°38'09" ♂	06°34'35"	-05°27'08"	-00°00'25"	92.077
07/12/2050 00:00:00	Y	18°38'20" ♀	11°53'01"	-11°05'55"	-00°00'40"	77.038
08/12/2050 00:00:00	♁	16°04'13" ♈	-22°42'08"	-00°00'00"	01°00'55"	0.985
08/12/2050 00:00:00	♂	04°48'12" ♌	-04°45'34"	-03°06'23"	11°51'00"	0.003
08/12/2050 00:00:00	♀	24°15'16" ♋	-22°50'32"	00°27'50"	-01°06'32"	0.698
08/12/2050 00:00:00	♀	00°51'05" ♍	-09°34'25"	02°20'15"	00°49'32"	0.529
08/12/2050 00:00:00	♂	20°29'05" ♌	-04°28'30"	-00°46'05"	00°36'18"	0.972
08/12/2050 00:00:00	♃	05°34'09" ♌	10°21'10"	00°57'13"	00°02'36"	5.084
08/12/2050 00:00:00	♃	05°20'20" ♌	-19°32'14"	-00°37'43"	00°05'28"	10.546
08/12/2050 00:00:00	♃	25°18'05" ♌	02°33'50"	00°45'35"	00°01'16"	18.415
08/12/2050 00:00:00	♃	26°26'33" ♂	17°38'13"	-01°45'44"	-00°01'34"	28.887
08/12/2050 00:00:00	♃	08°31'32" ♌	-20°25'28"	-13°02'55"	00°00'24"	41.764
08/12/2050 00:00:00	♁	11°16'56" ♍	-15°12'34"	00°00'00"	00°01'40"	0.003
08/12/2050 00:00:00	♃	15°15'25" ♈	-18°08'55"	04°29'34"	00°07'13"	11.092
08/12/2050 00:00:00	♃	25°57'52" ♌	-01°40'46"	-03°34'35"	00°06'40"	0.003
08/12/2050 00:00:00	T♄	11°16'56" ♍	-15°12'34"	00°00'00"	00°01'40"	0.003
08/12/2050 00:00:00	T♄	23°11'47" ♍	-00°52'13"	-03°53'10"	-01°20'35"	0.003

Ephemerides year 2050

08/12/2050 00:00:00	X	00°37'43" ♄r	06°34'31"	-05°27'03"	-00°00'25"	92.089
08/12/2050 00:00:00	Y	18°37'40" ♀r	11°52'58"	-11°05'55"	-00°00'40"	77.037
09/12/2050 00:00:00	☉	17°05'09" ♄	-22°48'14"	-00°00'00"	01°00'56"	0.985
09/12/2050 00:00:00	☾	16°41'56" ♁	-08°34'09"	-02°10'31"	11°57'14"	0.003
09/12/2050 00:00:00	♀	23°04'42" ♄r	-22°26'53"	00°48'09"	-01°14'15"	0.688
09/12/2050 00:00:00	♀	01°41'03" ♃	-09°47'15"	02°24'56"	00°50'22"	0.536
09/12/2050 00:00:00	♂	21°05'27" ♃	-04°12'24"	-00°44'07"	00°36'25"	0.981
09/12/2050 00:00:00	♃	05°36'40" ♃	10°20'29"	00°57'28"	00°02'25"	5.069
09/12/2050 00:00:00	♅	05°25'50" ♁	-19°30'54"	-00°37'45"	00°05'32"	10.558
09/12/2050 00:00:00	♁	25°19'20" ♃	02°33'22"	00°45'37"	00°01'13"	18.398
09/12/2050 00:00:00	♃	26°24'59" ♄r	17°37'53"	-01°45'43"	-00°01'33"	28.894
09/12/2050 00:00:00	♃	08°31'57" ♃	-20°25'03"	-13°02'39"	00°00'26"	41.781
09/12/2050 00:00:00	♃	11°18'45" ♃	-15°13'07"	00°00'00"	00°01'50"	0.003
09/12/2050 00:00:00	♃	15°22'38" ♄	-18°09'31"	04°29'44"	00°07'13"	11.093
09/12/2050 00:00:00	♃	26°04'33" ♃	-01°42'50"	-03°33'57"	00°06'40"	0.003
09/12/2050 00:00:00	T♃	11°18'45" ♃	-15°13'07"	00°00'00"	00°01'50"	0.003
09/12/2050 00:00:00	T♄	21°38'08" ♃r	-00°20'26"	-03°58'39"	-01°48'45"	0.003
09/12/2050 00:00:00	X	00°37'18" ♄r	06°34'26"	-05°26'58"	-00°00'24"	92.101
09/12/2050 00:00:00	Y	18°37'00" ♀r	11°52'55"	-11°05'55"	-00°00'40"	77.036

Ephemerides year 2050

10/12/2050 00:00:00	♁	18°06'07" ♄	-22°53'53"	00°00'00"	01°00'58"	0.985
10/12/2050 00:00:00	♃	28°44'12" ♁	-12°05'07"	-01°08'18"	12°07'59"	0.003
10/12/2050 00:00:00	♃	21°47'29" ♄r	-22°02'27"	01°08'15"	-01°19'47"	0.682
10/12/2050 00:00:00	♂	02°31'49" ♃	-10°00'26"	02°29'21"	00°51'10"	0.544
10/12/2050 00:00:00	♂	21°41'56" ♃	-03°56'15"	-00°42'12"	00°36'32"	0.989
10/12/2050 00:00:00	♃	05°38'59" ♃	10°19'52"	00°57'44"	00°02'13"	5.053
10/12/2050 00:00:00	♃	05°31'24" ♃	-19°29'34"	-00°37'46"	00°05'35"	10.571
10/12/2050 00:00:00	♃	25°20'32" ♃	02°32'56"	00°45'40"	00°01'10"	18.381
10/12/2050 00:00:00	♃	26°23'26" ♄r	17°37'33"	-01°45'41"	-00°01'32"	28.900
10/12/2050 00:00:00	♃	08°32'24" ♃	-20°24'37"	-13°02'22"	00°00'27"	41.799
10/12/2050 00:00:00	♃	11°20'22" ♃	-15°13'38"	00°00'00"	00°01'17"	0.003
10/12/2050 00:00:00	♃	15°29'52" ♄	-18°10'06"	04°29'55"	00°07'13"	11.094
10/12/2050 00:00:00	♃	26°11'14" ♃	-01°44'53"	-03°33'18"	00°06'40"	0.003
10/12/2050 00:00:00	T♃	11°20'22" ♃	-15°13'38"	00°00'00"	00°01'17"	0.003
10/12/2050 00:00:00	T♃	19°32'08" ♄r	00°22'26"	-04°05'38"	-02°23'05"	0.003
10/12/2050 00:00:00	X	00°36'54" ♄r	06°34'23"	-05°26'53"	-00°00'24"	92.113
10/12/2050 00:00:00	Y	18°36'19" ♄r	11°52'52"	-11°05'54"	-00°00'40"	77.036
11/12/2050 00:00:00	♁	19°07'06" ♄	-22°59'05"	00°00'00"	01°00'59"	0.985
11/12/2050 00:00:00	♃	10°59'11" ♃	-15°08'57"	-00°01'59"	12°22'31"	0.003

Ephemerides year 2050

11/12/2050 00:00:00	♀	20°25'59" ♏	-21°37'44"	01°27'37"	-01°22'44"	0.679
11/12/2050 00:00:00	♀	03°23'23" ♏	-10°13'57"	02°33'32"	00°51'56"	0.551
11/12/2050 00:00:00	♂	22°18'32" ♏	-03°40'03"	-00°40'18"	00°36'39"	0.997
11/12/2050 00:00:00	♃	05°41'07" ♏	10°19'19"	00°58'00"	00°02'02"	5.038
11/12/2050 00:00:00	♃	05°37'01" ♏	-19°28'13"	-00°37'48"	00°05'39"	10.583
11/12/2050 00:00:00	♃	25°21'40" ♏	02°32'31"	00°45'42"	00°01'06"	18.364
11/12/2050 00:00:00	♃	26°21'53" ♏	17°37'13"	-01°45'40"	-00°01'32"	28.907
11/12/2050 00:00:00	♃	08°32'53" ♏	-20°24'11"	-13°02'05"	00°00'29"	41.816
11/12/2050 00:00:00	♃	11°21'05" ♏	-15°13'51"	00°00'00"	00°00'02"	0.003
11/12/2050 00:00:00	♃	15°37'05" ♏	-18°10'40"	04°30'06"	00°07'13"	11.094
11/12/2050 00:00:00	♃	26°17'55" ♏	-01°46'57"	-03°32'40"	00°06'40"	0.003
11/12/2050 00:00:00	♃	11°21'05" ♏	-15°13'51"	00°00'00"	00°00'02"	0.003
11/12/2050 00:00:00	♃	16°55'11" ♏	01°15'55"	-04°13'44"	-02°47'37"	0.003
11/12/2050 00:00:00	X	00°36'30" ♏	06°34'19"	-05°26'48"	-00°00'23"	92.126
11/12/2050 00:00:00	Y	18°35'39" ♏	11°52'50"	-11°05'54"	-00°00'40"	77.035
12/12/2050 00:00:00	♃	20°08'05" ♏	-23°03'49"	00°00'00"	01°01'00"	0.985
12/12/2050 00:00:00	♃	23°30'09" ♏	-17°34'53"	01°05'41"	12°39'47"	0.003
12/12/2050 00:00:00	♀	19°02'56" ♏	-21°13'18"	01°45'47"	-01°22'52"	0.678
12/12/2050 00:00:00	♀	04°15'42" ♏	-10°27'47"	02°37'29"	00°52'40"	0.559

Ephemerides year 2050

12/12/2050 00:00:00	♂	22°55'14" ♃	-03°23'50"	-00°38'26"	00°36'45"	1.005
12/12/2050 00:00:00	♃	05°43'04" ♃	10°18'51"	00°58'16"	00°01'51"	5.022
12/12/2050 00:00:00	♃	05°42'43" ♃	-19°26'51"	-00°37'50"	00°05'42"	10.595
12/12/2050 00:00:00	♃	25°22'46" ♃	02°32'08"	00°45'45"	00°01'03"	18.347
12/12/2050 00:00:00	♃	26°20'22" ♃	17°36'54"	-01°45'38"	-00°01'31"	28.914
12/12/2050 00:00:00	♃	08°33'22" ♃	-20°23'44"	-13°01'49"	00°00'30"	41.833
12/12/2050 00:00:00	♃	11°20'18" ♃	-15°13'36"	00°00'00"	-00°01'42"	0.003
12/12/2050 00:00:00	♃	15°44'18" ♃	-18°11'14"	04°30'17"	00°07'12"	11.095
12/12/2050 00:00:00	♃	26°24'36" ♃	-01°49'00"	-03°32'01"	00°06'40"	0.003
12/12/2050 00:00:00	♃	11°20'18" ♃	-15°13'36"	00°00'00"	-00°01'42"	0.003
12/12/2050 00:00:00	♃	14°06'00" ♃	02°13'32"	-04°21'42"	-02°45'04"	0.003
12/12/2050 00:00:00	X	00°36'06" ♃	06°34'15"	-05°26'44"	-00°00'23"	92.139
12/12/2050 00:00:00	Y	18°34'59" ♃	11°52'47"	-11°05'53"	-00°00'40"	77.035
13/12/2050 00:00:00	♃	21°09'06" ♃	-23°08'06"	00°00'00"	01°01'01"	0.985
13/12/2050 00:00:00	♃	06°19'14" ♃	-19°11'43"	02°11'32"	12°58'29"	0.003
13/12/2050 00:00:00	♃	17°41'10" ♃	-20°49'48"	02°02'19"	-01°20'12"	0.682
13/12/2050 00:00:00	♃	05°08'44" ♃	-10°41'54"	02°41'12"	00°53'23"	0.566
13/12/2050 00:00:00	♃	23°32'04" ♃	-03°07'35"	-00°36'35"	00°36'52"	1.014
13/12/2050 00:00:00	♃	05°44'50" ♃	10°18'27"	00°58'31"	00°01'39"	5.007



Ephemerides year 2050

13/12/2050 00:00:00	♄	05°48'27" ♁	-19°25'28"	-00°37'51"	00°05'46"	10.607
13/12/2050 00:00:00	♃	25°23'47" ♃	02°31'45"	00°45'47"	00°01'00"	18.330
13/12/2050 00:00:00	♃	26°18'51" ♃	17°36'34"	-01°45'36"	-00°01'30"	28.921
13/12/2050 00:00:00	♃	08°33'54" ♃	-20°23'17"	-13°01'32"	00°00'32"	41.850
13/12/2050 00:00:00	♃	11°17'35" ♃	-15°12'46"	00°00'00"	-00°03'42"	0.003
13/12/2050 00:00:00	♃	15°51'31" ♃	-18°11'46"	04°30'29"	00°07'12"	11.095
13/12/2050 00:00:00	♃	26°31'17" ♃	-01°51'04"	-03°31'23"	00°06'41"	0.003
13/12/2050 00:00:00	♃	11°17'35" ♃	-15°12'46"	00°00'00"	-00°03'42"	0.003
13/12/2050 00:00:00	♃	11°37'05" ♃	03°04'12"	-04°27'58"	-02°06'54"	0.003
13/12/2050 00:00:00	X	00°35'43" ♃	06°34'12"	-05°26'39"	-00°00'22"	92.152
13/12/2050 00:00:00	Y	18°34'18" ♃	11°52'45"	-11°05'52"	-00°00'40"	77.036
14/12/2050 00:00:00	♃	22°10'08" ♃	-23°11'56"	00°00'00"	01°01'02"	0.984
14/12/2050 00:00:00	♃	19°27'07" ♃	-19°49'22"	03°11'54"	13°17'09"	0.003
14/12/2050 00:00:00	♃	16°23'23" ♃	-20°27'56"	02°16'51"	-01°14'57"	0.688
14/12/2050 00:00:00	♃	06°02'27" ♃	-10°56'16"	02°44'41"	00°54'03"	0.574
14/12/2050 00:00:00	♃	24°08'59" ♃	-02°51'17"	-00°34'46"	00°36'58"	1.022
14/12/2050 00:00:00	♃	05°46'24" ♃	10°18'07"	00°58'47"	00°01'28"	4.992
14/12/2050 00:00:00	♄	05°54'15" ♁	-19°24'03"	-00°37'53"	00°05'49"	10.618
14/12/2050 00:00:00	♃	25°24'46" ♃	02°31'24"	00°45'50"	00°00'56"	18.313

Ephemerides year 2050

14/12/2050 00:00:00	♁	26°17'21" ♂r	17°36'15"	-01°45'34"	-00°01'29"	28.928
14/12/2050 00:00:00	♁	08°34'27" ♀	-20°22'49"	-13°01'16"	00°00'33"	41.868
14/12/2050 00:00:00	♁	11°12'54" ♀r	-15°11'19"	00°00'00"	-00°05'36"	0.003
14/12/2050 00:00:00	♁	15°58'43" ♂	-18°12'18"	04°30'41"	00°07'11"	11.095
14/12/2050 00:00:00	♁	26°37'58" ♀	-01°53'07"	-03°30'44"	00°06'41"	0.003
14/12/2050 00:00:00	T♁	11°12'54" ♀r	-15°11'19"	00°00'00"	-00°05'36"	0.003
14/12/2050 00:00:00	T♁	10°01'54" ♀r	03°36'45"	-04°31'23"	-00°59'58"	0.003
14/12/2050 00:00:00	X	00°35'21" ♂r	06°34'09"	-05°26'34"	-00°00'22"	92.165
14/12/2050 00:00:00	Y	18°33'38" ♀r	11°52'43"	-11°05'51"	-00°00'40"	77.036
15/12/2050 00:00:00	♁	23°11'11" ♂	-23°15'18"	00°00'00"	01°01'02"	0.984
15/12/2050 00:00:00	♁	02°53'02" ♀	-19°21'00"	04°02'59"	13°34'17"	0.003
15/12/2050 00:00:00	♁	15°12'00" ♂r	-20°08'17"	02°29'09"	-01°07'29"	0.697
15/12/2050 00:00:00	♁	06°56'51" ♀	-11°10'53"	02°47'57"	00°54'42"	0.581
15/12/2050 00:00:00	♁	24°46'01" ♀	-02°34'58"	-00°32'58"	00°37'05"	1.030
15/12/2050 00:00:00	♁	05°47'46" ♀	10°17'51"	00°59'03"	00°01'16"	4.977
15/12/2050 00:00:00	♁	06°00'07" ♀	-19°22'38"	-00°37'55"	00°05'53"	10.629
15/12/2050 00:00:00	♁	25°25'41" ♀	02°31'05"	00°45'52"	00°00'53"	18.295
15/12/2050 00:00:00	♁	26°15'53" ♂r	17°35'57"	-01°45'32"	-00°01'28"	28.936
15/12/2050 00:00:00	♁	08°35'01" ♀	-20°22'21"	-13°00'59"	00°00'35"	41.885

Ephemerides year 2050

15/12/2050 00:00:00	♏	11°06'31" ♍r	-15°09'20"	00°00'00"	-00°07'02"	0.003
15/12/2050 00:00:00	♋	16°05'54" ♈	-18°12'49"	04°30'53"	00°07'11"	11.095
15/12/2050 00:00:00	♌	26°44'39" ♍	-01°55'10"	-03°30'05"	00°06'41"	0.003
15/12/2050 00:00:00	♏	11°06'31" ♍r	-15°09'20"	00°00'00"	-00°07'02"	0.003
15/12/2050 00:00:00	♌	09°40'52" ♍	03°44'28"	-04°31'31"	00°18'09"	0.003
15/12/2050 00:00:00	X	00°34'59" ♄r	06°34'07"	-05°26'29"	-00°00'21"	92.178
15/12/2050 00:00:00	Y	18°32'58" ♀r	11°52'41"	-11°05'50"	-00°00'40"	77.037
16/12/2050 00:00:00	♏	24°12'14" ♈	-23°18'12"	00°00'00"	01°01'03"	0.984
16/12/2050 00:00:00	♎	16°34'46" ♉	-17°45'03"	04°41'08"	13°48'36"	0.003
16/12/2050 00:00:00	♌	14°08'58" ♈r	-19°51'21"	02°39'06"	-00°58'20"	0.709
16/12/2050 00:00:00	♌	07°51'53" ♍	-11°25'42"	02°50'59"	00°55'20"	0.589
16/12/2050 00:00:00	♈	25°23'09" ♉	-02°18'37"	-00°31'12"	00°37'10"	1.039
16/12/2050 00:00:00	♌	05°48'57" ♍	10°17'39"	00°59'19"	00°01'05"	4.962
16/12/2050 00:00:00	♌	06°06'02" ♁	-19°21'12"	-00°37'57"	00°05'56"	10.641
16/12/2050 00:00:00	♌	25°26'33" ♍	02°30'46"	00°45'55"	00°00'50"	18.278
16/12/2050 00:00:00	♌	26°14'25" ♄r	17°35'38"	-01°45'31"	-00°01'27"	28.944
16/12/2050 00:00:00	♌	08°35'37" ♉	-20°21'52"	-13°00'43"	00°00'36"	41.902
16/12/2050 00:00:00	♏	10°59'05" ♍r	-15°07'01"	00°00'00"	-00°07'41"	0.003
16/12/2050 00:00:00	♋	16°13'05" ♈	-18°13'20"	04°31'06"	00°07'10"	11.094

Ephemerides year 2050

16/12/2050 00:00:00	☾	26°51'20" ♎	-01°57'14"	-03°29'26"	00°06'40"	0.003
16/12/2050 00:00:00	♁	10°59'05" ♎	-15°07'01"	00°00'00"	-00°07'41"	0.003
16/12/2050 00:00:00	♁	10°35'51" ♎	03°26'47"	-04°28'27"	01°29'23"	0.003
16/12/2050 00:00:00	X	00°34'38" ♎	06°34'04"	-05°26'23"	-00°00'20"	92.192
16/12/2050 00:00:00	Y	18°32'18" ♎	11°52'39"	-11°05'49"	-00°00'40"	77.039
17/12/2050 00:00:00	☉	25°13'18" ♎	-23°20'38"	00°00'00"	01°01'04"	0.984
17/12/2050 00:00:00	☾	00°29'02" ♎	-15°05'54"	05°03'21"	13°59'16"	0.002
17/12/2050 00:00:00	♀	13°15'42" ♎	-19°37'31"	02°46'40"	-00°48'02"	0.723
17/12/2050 00:00:00	♀	08°47'31" ♎	-11°40'43"	02°53'49"	00°55'56"	0.596
17/12/2050 00:00:00	♂	26°00'23" ♎	-02°02'15"	-00°29'27"	00°37'16"	1.047
17/12/2050 00:00:00	♃	05°49'57" ♎	10°17'32"	00°59'35"	00°00'53"	4.947
17/12/2050 00:00:00	♃	06°12'00" ♎	-19°19'45"	-00°37'59"	00°05'59"	10.652
17/12/2050 00:00:00	♃	25°27'22" ♎	02°30'30"	00°45'57"	00°00'46"	18.261
17/12/2050 00:00:00	♃	26°12'58" ♎	17°35'20"	-01°45'29"	-00°01'26"	28.953
17/12/2050 00:00:00	♃	08°36'15" ♎	-20°21'23"	-13°00'27"	00°00'38"	41.919
17/12/2050 00:00:00	♁	10°51'28" ♎	-15°04'39"	00°00'00"	-00°07'23"	0.003
17/12/2050 00:00:00	♃	16°20'15" ♎	-18°13'49"	04°31'19"	00°07'09"	11.093
17/12/2050 00:00:00	☾	26°58'01" ♎	-01°59'17"	-03°28'47"	00°06'40"	0.003
17/12/2050 00:00:00	♁	10°51'28" ♎	-15°04'39"	00°00'00"	-00°07'23"	0.003

Ephemerides year 2050

17/12/2050 00:00:00	T♄	12°33'05" ♍	02°48'04"	-04°22'34"	02°21'07"	0.003
17/12/2050 00:00:00	X	00°34'17" ♄	06°34'02"	-05°26'18"	-00°00'20"	92.206
17/12/2050 00:00:00	Y	18°31'38" ♀	11°52'37"	-11°05'47"	-00°00'40"	77.040
18/12/2050 00:00:00	☉	26°14'22" ♈	-23°22'36"	00°00'00"	01°01'04"	0.984
18/12/2050 00:00:00	☾	14°32'00" ♎	-11°33'18"	05°07'39"	14°06'02"	0.002
18/12/2050 00:00:00	♀	12°33'04" ♈	-19°26'59"	02°51'58"	-00°37'08"	0.739
18/12/2050 00:00:00	♀	09°43'45" ♍	-11°55'54"	02°56'26"	00°56'31"	0.604
18/12/2050 00:00:00	♂	26°37'42" ♋	-01°45'51"	-00°27'44"	00°37'22"	1.055
18/12/2050 00:00:00	♃	05°50'44" ♍	10°17'30"	00°59'51"	00°00'41"	4.932
18/12/2050 00:00:00	♅	06°18'01" ♎	-19°18'17"	-00°38'01"	00°06'02"	10.662
18/12/2050 00:00:00	♁	25°28'07" ♍	02°30'14"	00°46'00"	00°00'43"	18.244
18/12/2050 00:00:00	♃	26°11'33" ♄	17°35'02"	-01°45'26"	-00°01'24"	28.961
18/12/2050 00:00:00	♁	08°36'53" ♋	-20°20'53"	-13°00'11"	00°00'39"	41.935
18/12/2050 00:00:00	♁	10°44'37" ♍	-15°02'31"	00°00'00"	-00°06'10"	0.003
18/12/2050 00:00:00	♃	16°27'24" ♈	-18°14'18"	04°31'33"	00°07'08"	11.092
18/12/2050 00:00:00	♄	27°04'42" ♍	-02°01'20"	-03°28'08"	00°06'40"	0.003
18/12/2050 00:00:00	T♁	10°44'37" ♍	-15°02'31"	00°00'00"	-00°06'10"	0.003
18/12/2050 00:00:00	T♄	15°09'32" ♍	01°55'49"	-04°14'34"	02°47'23"	0.003
18/12/2050 00:00:00	X	00°33'57" ♄	06°34'00"	-05°26'13"	-00°00'19"	92.220

Ephemerides year 2050

18/12/2050 00:00:00	Y	18°30'58" ♀	11°52'36"	-11°05'45"	-00°00'39"	77.042
19/12/2050 00:00:00	☉	27°15'27" ♄	-23°24'06"	00°00'00"	01°01'04"	0.984
19/12/2050 00:00:00	☾	28°39'54" ♁	-07°20'38"	04°53'22"	14°09'12"	0.002
19/12/2050 00:00:00	♀	12°01'28" ♄	-19°19'47"	02°55'09"	-00°26'03"	0.757
19/12/2050 00:00:00	♀	10°40'33" ♃	-12°11'14"	02°58'50"	00°57'04"	0.611
19/12/2050 00:00:00	♂	27°15'07" ♃	-01°29'26"	-00°26'02"	00°37'27"	1.064
19/12/2050 00:00:00	♃	05°51'20" ♃	10°17'31"	01°00'06"	00°00'29"	4.917
19/12/2050 00:00:00	♃	06°24'05" ♁	-19°16'48"	-00°38'03"	00°06'05"	10.673
19/12/2050 00:00:00	♃	25°28'49" ♃	02°30'00"	00°46'02"	00°00'39"	18.226
19/12/2050 00:00:00	♃	26°10'09" ♃	17°34'45"	-01°45'24"	-00°01'23"	28.970
19/12/2050 00:00:00	♃	08°37'34" ♃	-20°20'23"	-12°59'55"	00°00'40"	41.952
19/12/2050 00:00:00	♁	10°39'21" ♃	-15°00'52"	00°00'00"	-00°04'17"	0.003
19/12/2050 00:00:00	♃	16°34'32" ♄	-18°14'46"	04°31'46"	00°07'07"	11.091
19/12/2050 00:00:00	♃	27°11'22" ♃	-02°03'23"	-03°27'29"	00°06'40"	0.003
19/12/2050 00:00:00	T♁	10°39'21" ♃	-15°00'52"	00°00'00"	-00°04'17"	0.003
19/12/2050 00:00:00	T♃	18°00'01" ♃	00°58'28"	-04°05'26"	02°50'27"	0.003
19/12/2050 00:00:00	X	00°33'38" ♃	06°33'58"	-05°26'08"	-00°00'19"	92.234
19/12/2050 00:00:00	Y	18°30'18" ♀	11°52'34"	-11°05'44"	-00°00'39"	77.044
20/12/2050 00:00:00	☉	28°16'32" ♄	-23°25'08"	00°00'00"	01°01'05"	0.984

Ephemerides year 2050

20/12/2050 00:00:00	♃	12°49'28"	♋	-02°43'06"	04°21'13"	14°09'31"	0.002
20/12/2050 00:00:00	♁	11°40'53"	♈	-19°15'52"	02°56'23"	-00°15'11"	0.776
20/12/2050 00:00:00	♂	11°37'54"	♉	-12°26'41"	03°01'02"	00°57'36"	0.619
20/12/2050 00:00:00	♂	27°52'37"	♋	-01°13'00"	-00°24'22"	00°37'32"	1.072
20/12/2050 00:00:00	♃	05°51'44"	♉	10°17'37"	01°00'22"	00°00'18"	4.903
20/12/2050 00:00:00	♃	06°30'13"	♁	-19°15'18"	-00°38'05"	00°06'08"	10.683
20/12/2050 00:00:00	♃	25°29'27"	♉	02°29'47"	00°46'05"	00°00'36"	18.209
20/12/2050 00:00:00	♃	26°08'45"	♈	17°34'28"	-01°45'22"	-00°01'22"	28.979
20/12/2050 00:00:00	♃	08°38'15"	♋	-20°19'53"	-12°59'39"	00°00'42"	41.969
20/12/2050 00:00:00	♁	10°36'08"	♉	-14°59'52"	00°00'00"	-00°02'09"	0.003
20/12/2050 00:00:00	♃	16°41'40"	♈	-18°15'13"	04°32'01"	00°07'06"	11.089
20/12/2050 00:00:00	♁	27°18'03"	♉	-02°05'26"	-03°26'49"	00°06'40"	0.003
20/12/2050 00:00:00	♁	10°36'08"	♉	-14°59'52"	00°00'00"	-00°02'09"	0.003
20/12/2050 00:00:00	♁	20°47'07"	♉	00°02'01"	-03°55'59"	02°43'53"	0.003
20/12/2050 00:00:00	X	00°33'18"	♈	06°33'56"	-05°26'03"	-00°00'18"	92.248
20/12/2050 00:00:00	Y	18°29'38"	♈	11°52'33"	-11°05'42"	-00°00'39"	77.047
21/12/2050 00:00:00	♁	29°17'37"	♈	-23°25'42"	00°00'00"	01°01'05"	0.984
21/12/2050 00:00:00	♃	26°58'17"	♋	02°03'25"	03°33'10"	14°07'49"	0.002
21/12/2050 00:00:00	♁	11°30'56"	♈	-19°15'02"	02°55'53"	-00°04'46"	0.797

Ephemerides year 2050

21/12/2050 00:00:00	♀	12°35'47" ♍	-12°42'15"	03°03'03"	00°58'08"	0.626
21/12/2050 00:00:00	♂	28°30'12" ♉	-00°56'32"	-00°22'43"	00°37'37"	1.081
21/12/2050 00:00:00	♃	05°51'56" ♎	10°17'47"	01°00'38"	00°00'06"	4.888
21/12/2050 00:00:00	♅	06°36'23" ♋	-19°13'47"	-00°38'07"	00°06'11"	10.693
21/12/2050 00:00:00	♁	25°30'02" ♎	02°29'35"	00°46'07"	00°00'33"	18.192
21/12/2050 00:00:00	♃	26°07'23" ♉	17°34'11"	-01°45'20"	-00°01'21"	28.989
21/12/2050 00:00:00	♁	08°38'58" ♉	-20°19'22"	-12°59'24"	00°00'43"	41.985
21/12/2050 00:00:00	♁	10°34'58" ♎	-14°59'30"	00°00'00"	-00°00'15"	0.003
21/12/2050 00:00:00	♃	16°48'46" ♉	-18°15'39"	04°32'15"	00°07'05"	11.088
21/12/2050 00:00:00	♁	27°24'44" ♎	-02°07'28"	-03°26'10"	00°06'40"	0.003
21/12/2050 00:00:00	T♁	10°34'58" ♎	-14°59'30"	00°00'00"	-00°00'15"	0.003
21/12/2050 00:00:00	T♁	23°31'44" ♎	-00°53'40"	-03°46'11"	02°48'47"	0.003
21/12/2050 00:00:00	X	00°33'00" ♉	06°33'55"	-05°25'57"	-00°00'18"	92.263
21/12/2050 00:00:00	Y	18°28'58" ♉	11°52'32"	-11°05'39"	-00°00'39"	77.049
22/12/2050 00:00:00	☾	00°18'43" ♉	-23°25'48"	00°00'00"	01°01'05"	0.984
22/12/2050 00:00:00	☾	11°04'42" ♉	06°43'02"	02°32'18"	14°04'49"	0.002
22/12/2050 00:00:00	♃	11°31'06" ♉	-19°17'02"	02°53'54"	00°04'58"	0.818
22/12/2050 00:00:00	♀	13°34'10" ♎	-12°57'53"	03°04'51"	00°58'38"	0.634
22/12/2050 00:00:00	♂	29°07'52" ♉	-00°40'05"	-00°21'05"	00°37'41"	1.089



Ephemerides year 2050

22/12/2050 00:00:00	♃	05°51'57" ♎	10°18'02"	01°00'54"	-00°00'05"	4.874
22/12/2050 00:00:00	♅	06°42'36" ♍	-19°12'15"	-00°38'09"	00°06'14"	10.703
22/12/2050 00:00:00	♁	25°30'33" ♎	02°29'25"	00°46'10"	00°00'29"	18.175
22/12/2050 00:00:00	♆	26°06'02" ♎	17°33'54"	-01°45'18"	-00°01'20"	28.999
22/12/2050 00:00:00	♁	08°39'42" ♎	-20°18'50"	-12°59'08"	00°00'45"	42.002
22/12/2050 00:00:00	♁	10°35'22" ♎	-14°59'38"	00°00'00"	00°00'55"	0.003
22/12/2050 00:00:00	♃	16°55'51" ♎	-18°16'04"	04°32'30"	00°07'04"	11.085
22/12/2050 00:00:00	♁	27°31'25" ♎	-02°09'31"	-03°25'30"	00°06'40"	0.003
22/12/2050 00:00:00	♁	10°35'22" ♎	-14°59'38"	00°00'00"	00°00'55"	0.003
22/12/2050 00:00:00	♁	26°31'34" ♎	-01°54'24"	-03°34'53"	03°13'35"	0.003
22/12/2050 00:00:00	X	00°32'42" ♎	06°33'54"	-05°25'52"	-00°00'17"	92.277
22/12/2050 00:00:00	Y	18°28'19" ♎	11°52'31"	-11°05'37"	-00°00'39"	77.052
23/12/2050 00:00:00	♁	01°19'48" ♎	-23°25'25"	00°00'00"	01°01'05"	0.984
23/12/2050 00:00:00	♁	25°07'36" ♎	11°00'01"	01°22'30"	14°00'50"	0.002
23/12/2050 00:00:00	♃	11°40'39" ♎	-19°21'34"	02°50'36"	00°14'00"	0.840
23/12/2050 00:00:00	♁	14°33'03" ♎	-13°13'35"	03°06'28"	00°59'07"	0.641
23/12/2050 00:00:00	♁	29°45'36" ♎	-00°23'36"	-00°19'29"	00°37'46"	1.098
23/12/2050 00:00:00	♃	05°51'46" ♎	10°18'21"	01°01'10"	-00°00'16"	4.859
23/12/2050 00:00:00	♅	06°48'51" ♎	-19°10'43"	-00°38'11"	00°06'17"	10.713

Ephemerides year 2050

23/12/2050 00:00:00	♃	25°31'01" ♎	02°29'16"	00°46'12"	00°00'26"	18.157
23/12/2050 00:00:00	♃	26°04'43" ♎	17°33'38"	-01°45'15"	-00°01'18"	29.009
23/12/2050 00:00:00	♃	08°40'28" ♋	-20°18'19"	-12°58'53"	00°00'46"	42.018
23/12/2050 00:00:00	♁	10°36'28" ♎	-14°59'58"	00°00'00"	00°01'05"	0.003
23/12/2050 00:00:00	♃	17°02'55" ♋	-18°16'29"	04°32'46"	00°07'03"	11.083
23/12/2050 00:00:00	♁	27°38'05" ♎	-02°11'34"	-03°24'50"	00°06'40"	0.003
23/12/2050 00:00:00	♁	10°36'28" ♎	-14°59'58"	00°00'00"	00°01'05"	0.003
23/12/2050 00:00:00	♁	00°00'10" ♎	-03°04'27"	-03°20'58"	03°42'00"	0.003
23/12/2050 00:00:00	♃	00°32'25" ♎	06°33'53"	-05°25'47"	-00°00'16"	92.292
23/12/2050 00:00:00	♃	18°27'39" ♋	11°52'31"	-11°05'35"	-00°00'39"	77.056
24/12/2050 00:00:00	♁	02°20'54" ♋	-23°24'34"	00°00'00"	01°01'06"	0.984
24/12/2050 00:00:00	♃	09°06'03" ♎	14°39'11"	00°08'11"	13°55'50"	0.002
24/12/2050 00:00:00	♃	11°58'50" ♋	-19°28'18"	02°46'13"	00°22'13"	0.862
24/12/2050 00:00:00	♃	15°32'25" ♎	-13°29'20"	03°07'54"	00°59'35"	0.649
24/12/2050 00:00:00	♃	00°23'25" ♋	-00°07'07"	-00°17'54"	00°37'50"	1.106
24/12/2050 00:00:00	♃	05°51'23" ♎	10°18'44"	01°01'26"	-00°00'28"	4.845
24/12/2050 00:00:00	♃	06°55'10" ♎	-19°09'09"	-00°38'13"	00°06'19"	10.723
24/12/2050 00:00:00	♃	25°31'26" ♎	02°29'09"	00°46'15"	00°00'23"	18.140
24/12/2050 00:00:00	♃	26°03'25" ♎	17°33'22"	-01°45'13"	-00°01'17"	29.019

Ephemerides year 2050

24/12/2050 00:00:00	♁	08°41'15"	♈	-20°17'46"	-12°58'37"	00°00'47"	42.034
24/12/2050 00:00:00	♁	10°37'11"	♍	-15°00'12"	00°00'00"	00°00'10"	0.003
24/12/2050 00:00:00	♁	17°09'57"	♈	-18°16'53"	04°33'01"	00°07'02"	11.081
24/12/2050 00:00:00	♁	27°44'46"	♍	-02°13'36"	-03°24'11"	00°06'40"	0.003
24/12/2050 00:00:00	♁♁	10°37'11"	♍	-15°00'12"	00°00'00"	00°00'10"	0.003
24/12/2050 00:00:00	♁♁	03°48'38"	♁	-04°20'25"	-03°04'46"	03°50'05"	0.003
24/12/2050 00:00:00	X	00°32'08"	♁♁	06°33'52"	-05°25'42"	-00°00'16"	92.307
24/12/2050 00:00:00	Y	18°27'00"	♁♁	11°52'30"	-11°05'32"	-00°00'39"	77.059
25/12/2050 00:00:00	♁	03°22'01"	♁	-23°23'15"	00°00'00"	01°01'06"	0.984
25/12/2050 00:00:00	♁	22°58'49"	♁	17°26'46"	-01°05'59"	13°49'25"	0.003
25/12/2050 00:00:00	♁	12°24'51"	♈	-19°36'56"	02°40'54"	00°29'40"	0.884
25/12/2050 00:00:00	♁	16°32'14"	♍	-13°45'06"	03°09'09"	01°00'03"	0.656
25/12/2050 00:00:00	♁	01°01'17"	♁	00°09'21"	-00°16'21"	00°37'54"	1.115
25/12/2050 00:00:00	♁	05°50'49"	♁♁	10°19'11"	01°01'42"	-00°00'40"	4.831
25/12/2050 00:00:00	♁	07°01'31"	♁	-19°07'35"	-00°38'16"	00°06'22"	10.732
25/12/2050 00:00:00	♁	25°31'47"	♍	02°29'03"	00°46'17"	00°00'19"	18.123
25/12/2050 00:00:00	♁	26°02'08"	♁♁	17°33'06"	-01°45'11"	-00°01'16"	29.029
25/12/2050 00:00:00	♁	08°42'04"	♈	-20°17'14"	-12°58'22"	00°00'49"	42.050
25/12/2050 00:00:00	♁	10°36'29"	♍	-14°59'58"	00°00'00"	-00°01'43"	0.003

































Ephemerides year 2050

25/12/2050 00:00:00	♄	17°16'59" ♄	-18°17'15"	04°33'17"	00°07'00"	11.078
25/12/2050 00:00:00	♁	27°51'27" ♁	-02°15'39"	-03°23'31"	00°06'40"	0.003
25/12/2050 00:00:00	♁♄	10°36'29" ♁♄	-14°59'58"	00°00'00"	-00°01'43"	0.003
25/12/2050 00:00:00	♁♁	07°29'41" ♁♁	-05°32'50"	-02°48'09"	03°26'37"	0.003
25/12/2050 00:00:00	X	00°31'52" ♂♄	06°33'51"	-05°25'36"	-00°00'15"	92.322
25/12/2050 00:00:00	Y	18°26'21" ♁♄	11°52'30"	-11°05'29"	-00°00'38"	77.063
26/12/2050 00:00:00	♁	04°23'07" ♁	-23°21'28"	-00°00'00"	01°01'06"	0.984
26/12/2050 00:00:00	♁	06°44'16" ♁	19°12'00"	-02°15'30"	13°41'06"	0.003
26/12/2050 00:00:00	♁	12°57'55" ♄	-19°47'07"	02°34'48"	00°36'20"	0.907
26/12/2050 00:00:00	♁	17°32'31" ♁	-14°00'52"	03°10'13"	01°00'29"	0.664
26/12/2050 00:00:00	♁	01°39'14" ♁	00°25'51"	-00°14'49"	00°37'58"	1.123
26/12/2050 00:00:00	♁	05°50'03" ♁♄	10°19'43"	01°01'58"	-00°00'51"	4.817
26/12/2050 00:00:00	♁	07°07'55" ♁	-19°06'00"	-00°38'18"	00°06'25"	10.741
26/12/2050 00:00:00	♁	25°32'05" ♁	02°28'58"	00°46'20"	00°00'16"	18.106
26/12/2050 00:00:00	♁	26°00'53" ♂♄	17°32'51"	-01°45'08"	-00°01'14"	29.040
26/12/2050 00:00:00	♁	08°42'54" ♁	-20°16'41"	-12°58'07"	00°00'50"	42.066
26/12/2050 00:00:00	♁	10°33'33" ♁♄	-14°59'03"	00°00'00"	-00°04'12"	0.003
26/12/2050 00:00:00	♄	17°23'59" ♄	-18°17'37"	04°33'34"	00°06'59"	11.075
26/12/2050 00:00:00	♁	27°58'08" ♁	-02°17'41"	-03°22'51"	00°06'40"	0.003

Ephemerides year 2050

26/12/2050 00:00:00	T♄	10°33'33" ♍	-14°59'03"	00°00'00"	-00°04'12"	0.003
26/12/2050 00:00:00	T♄	10°31'50" ♌	-06°31'23"	-02°33'41"	02°33'13"	0.003
26/12/2050 00:00:00	X	00°31'37" ♄	06°33'51"	-05°25'31"	-00°00'15"	92.337
26/12/2050 00:00:00	Y	18°25'42" ♀	11°52'29"	-11°05'26"	-00°00'38"	77.067
27/12/2050 00:00:00	☉	05°24'14" ♄	-23°19'12"	-00°00'00"	01°01'06"	0.983
27/12/2050 00:00:00	☾	20°20'15" ♀	19°48'55"	-03°16'18"	13°30'27"	0.003
27/12/2050 00:00:00	☿	13°37'19" ♄	-19°58'34"	02°28'05"	00°42'18"	0.929
27/12/2050 00:00:00	♀	18°33'13" ♍	-14°16'38"	03°11'07"	01°00'55"	0.672
27/12/2050 00:00:00	♂	02°17'15" ♀	00°42'21"	-00°13'18"	00°38'02"	1.132
27/12/2050 00:00:00	♃	05°49'05" ♍	10°20'19"	01°02'14"	-00°01'03"	4.803
27/12/2050 00:00:00	♅	07°14'21" ♁	-19°04'24"	-00°38'20"	00°06'27"	10.750
27/12/2050 00:00:00	♁	25°32'20" ♍	02°28'54"	00°46'22"	00°00'12"	18.089
27/12/2050 00:00:00	♂	25°59'39" ♄	17°32'36"	-01°45'05"	-00°01'13"	29.051
27/12/2050 00:00:00	♁	08°43'45" ♀	-20°16'07"	-12°57'53"	00°00'52"	42.082
27/12/2050 00:00:00	♁	10°28'00" ♍	-14°57'19"	00°00'00"	-00°06'51"	0.003
27/12/2050 00:00:00	♁	17°30'58" ♄	-18°17'59"	04°33'51"	00°06'58"	11.071
27/12/2050 00:00:00	♁	28°04'49" ♍	-02°19'44"	-03°22'11"	00°06'40"	0.003
27/12/2050 00:00:00	T♄	10°28'00" ♍	-14°57'19"	00°00'00"	-00°06'51"	0.003
27/12/2050 00:00:00	T♄	12°28'49" ♌	-07°08'08"	-02°23'46"	01°18'00"	0.003

Ephemerides year 2050

27/12/2050 00:00:00	X	00°31'22" 	06°33'51"	-05°25'25"	-00°00'14"	92.352
27/12/2050 00:00:00	Y	18°25'04" 	11°52'29"	-11°05'23"	-00°00'38"	77.072
28/12/2050 00:00:00		06°25'20" 	-23°16'29"	-00°00'00"	01°01'06"	0.983
28/12/2050 00:00:00		03°44'22" 	19°17'34"	-04°05'10"	13°17'24"	0.003
28/12/2050 00:00:00		14°22'20" 	-20°11'00"	02°20'51"	00°47'37"	0.951
28/12/2050 00:00:00		19°34'21" 	-14°32'21"	03°11'50"	01°01'19"	0.679
28/12/2050 00:00:00		02°55'19" 	00°58'50"	-00°11'49"	00°38'05"	1.140
28/12/2050 00:00:00		05°47'56" 	10°20'59"	01°02'30"	-00°01'15"	4.790
28/12/2050 00:00:00		07°20'50" 	-19°02'47"	-00°38'23"	00°06'29"	10.758
28/12/2050 00:00:00		25°32'31" 	02°28'52"	00°46'25"	00°00'09"	18.072
28/12/2050 00:00:00		25°58'26" 	17°32'22"	-01°45'03"	-00°01'11"	29.062
28/12/2050 00:00:00		08°44'38" 	-20°15'34"	-12°57'38"	00°00'53"	42.098
28/12/2050 00:00:00		10°19'57" 	-14°54'48"	00°00'00"	-00°09'09"	0.003
28/12/2050 00:00:00		17°37'55" 	-18°18'19"	04°34'08"	00°06'56"	11.068
28/12/2050 00:00:00		28°11'30" 	-02°21'46"	-03°21'30"	00°06'40"	0.003
28/12/2050 00:00:00	T $\Omega$	10°19'57" 	-14°54'48"	00°00'00"	-00°09'09"	0.003
28/12/2050 00:00:00	T $\Upsilon$	13°04'40" 	-07°18'39"	-02°20'00"	-00°06'34"	0.003
28/12/2050 00:00:00	X	00°31'08" 	06°33'52"	-05°25'20"	-00°00'13"	92.368
28/12/2050 00:00:00	Y	18°24'26" 	11°52'30"	-11°05'20"	-00°00'38"	77.077

Ephemerides year 2050

29/12/2050 00:00:00	♁	07°26'27" ♃	-23°13'17"	-00°00'00"	01°01'07"	0.983
29/12/2050 00:00:00	♃	16°54'22" ♃	17°43'53"	-04°39'56"	13°02'19"	0.003
29/12/2050 00:00:00	♄	15°12'21" ♃	-20°24'10"	02°13'13"	00°52'19"	0.972
29/12/2050 00:00:00	♅	20°35'53" ♃	-14°48'01"	03°12'23"	01°01'43"	0.687
29/12/2050 00:00:00	♆	03°33'27" ♃	01°15'20"	-00°10'20"	00°38'09"	1.149
29/12/2050 00:00:00	♇	05°46'35" ♃	10°21'44"	01°02'45"	-00°01'26"	4.776
29/12/2050 00:00:00	♈	07°27'21" ♃	-19°01'09"	-00°38'25"	00°06'32"	10.767
29/12/2050 00:00:00	♉	25°32'39" ♃	02°28'52"	00°46'27"	00°00'06"	18.055
29/12/2050 00:00:00	♊	25°57'15" ♃	17°32'08"	-01°45'00"	-00°01'10"	29.073
29/12/2050 00:00:00	♋	08°45'32" ♃	-20°15'00"	-12°57'23"	00°00'54"	42.113
29/12/2050 00:00:00	♌	10°09'57" ♃	-14°51'40"	00°00'00"	-00°10'41"	0.003
29/12/2050 00:00:00	♍	17°44'51" ♃	-18°18'38"	04°34'26"	00°06'54"	11.064
29/12/2050 00:00:00	♎	28°18'10" ♃	-02°23'48"	-03°20'50"	00°06'40"	0.003
29/12/2050 00:00:00	T♌	10°09'57" ♃	-14°51'40"	00°00'00"	-00°10'41"	0.003
29/12/2050 00:00:00	T♍	12°18'07" ♃	-07°02'54"	-02°22'38"	-01°23'41"	0.003
29/12/2050 00:00:00	X	00°30'54" ♃	06°33'52"	-05°25'14"	-00°00'13"	92.383
29/12/2050 00:00:00	Y	18°23'48" ♃	11°52'30"	-11°05'17"	-00°00'37"	77.082
30/12/2050 00:00:00	♁	08°27'35" ♃	-23°09'38"	-00°00'00"	01°01'07"	0.983
30/12/2050 00:00:00	♃	29°48'37" ♃	15°17'58"	-04°59'31"	12°46'03"	0.003

Ephemerides year 2050

30/12/2050 00:00:00	♀	16°06'48" ♄	-20°37'49"	02°05'14"	00°56'29"	0.994
30/12/2050 00:00:00	♀	21°37'48" ♃	-15°03'37"	03°12'47"	01°02'06"	0.694
30/12/2050 00:00:00	♂	04°11'38" ♃	01°31'49"	-00°08'53"	00°38'12"	1.158
30/12/2050 00:00:00	♃	05°45'02" ♃	10°22'33"	01°03'01"	-00°01'38"	4.763
30/12/2050 00:00:00	♃	07°33'54" ♃	-18°59'31"	-00°38'28"	00°06'34"	10.775
30/12/2050 00:00:00	♃	25°32'43" ♃	02°28'52"	00°46'30"	00°00'02"	18.038
30/12/2050 00:00:00	♃	25°56'06" ♃	17°31'55"	-01°44'58"	-00°01'08"	29.085
30/12/2050 00:00:00	♃	08°46'27" ♃	-20°14'25"	-12°57'09"	00°00'55"	42.129
30/12/2050 00:00:00	♃	09°58'55" ♃	-14°48'11"	00°00'00"	-00°11'11"	0.003
30/12/2050 00:00:00	♃	17°51'45" ♄	-18°18'57"	04°34'44"	00°06'53"	11.060
30/12/2050 00:00:00	♃	28°24'51" ♃	-02°25'50"	-03°20'10"	00°06'40"	0.003
30/12/2050 00:00:00	T♃	09°58'55" ♃	-14°48'11"	00°00'00"	-00°11'11"	0.003
30/12/2050 00:00:00	T♃	10°25'49" ♃	-06°25'58"	-02°30'22"	-02°15'27"	0.003
30/12/2050 00:00:00	X	00°30'41" ♃	06°33'53"	-05°25'09"	-00°00'12"	92.399
30/12/2050 00:00:00	Y	18°23'10" ♃	11°52'30"	-11°05'13"	-00°00'37"	77.087
31/12/2050 00:00:00	♃	09°28'42" ♃	-23°05'31"	-00°00'00"	01°01'07"	0.983
31/12/2050 00:00:00	♃	12°26'27" ♃	12°11'53"	-05°03'53"	12°29'43"	0.003
31/12/2050 00:00:00	♀	17°05'11" ♄	-20°51'44"	01°57'01"	01°00'11"	1.014
31/12/2050 00:00:00	♀	22°40'07" ♃	-15°19'07"	03°13'01"	01°02'29"	0.702



Ephemerides year 2050

31/12/2050 00:00:00	♂	04°49'52" ♀	01°48'17"	-00°07'27"	00°38'15"	1.166
31/12/2050 00:00:00	♃	05°43'18" ♃	10°23'26"	01°03'17"	-00°01'50"	4.750
31/12/2050 00:00:00	♅	07°40'30" ♁	-18°57'52"	-00°38'30"	00°06'36"	10.783
31/12/2050 00:00:00	♁	25°32'44" ♃	02°28'54"	00°46'32"	-00°00'00"	18.022
31/12/2050 00:00:00	♃	25°54'57" ♂	17°31'41"	-01°44'55"	-00°01'07"	29.097
31/12/2050 00:00:00	♁	08°47'24" ♃	-20°13'50"	-12°56'55"	00°00'57"	42.144
31/12/2050 00:00:00	♁	09°47'56" ♃	-14°44'43"	00°00'00"	-00°10'36"	0.003
31/12/2050 00:00:00	♃	17°58'37" ♂	-18°19'15"	04°35'02"	00°06'51"	11.055
31/12/2050 00:00:00	♁	28°31'32" ♃	-02°27'52"	-03°19'29"	00°06'40"	0.003
31/12/2050 00:00:00	♁	09°47'56" ♃	-14°44'43"	00°00'00"	-00°10'36"	0.003
31/12/2050 00:00:00	♁	07°59'12" ♃	-05°37'37"	-02°40'39"	-02°31'47"	0.003
31/12/2050 00:00:00	X	00°30'29" ♂	06°33'54"	-05°25'03"	-00°00'11"	92.415
31/12/2050 00:00:00	Y	18°22'33" ♃	11°52'31"	-11°05'09"	-00°00'37"	77.093