

Ephemerides year 2024

# Ephemeris Tables for the year 2024

## Tropical Zodiac

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

Tradizione Esoterica - Web: <https://tradizione-esoterica.com> - eMail: [tradizione.esoterica@gmail.com](mailto:tradizione.esoterica@gmail.com)

## Symbols

### Planets

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

### Zodiacal Signs

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

### Asteroids and Other Points

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

Ephemerides year 2024

Date	Time	Planet	Longitude	Declination	Latitude	Speed	Radius
01/01/2024	00:00:00	☉	10°02'20" ♁	-23°03'30"	00°00'00"	01°01'08"	0.983
01/01/2024	00:00:00	☾	05°59'33" ♁	12°37'38"	03°34'03"	11°50'54"	0.003
01/01/2024	00:00:00	♁	22°16'54" ♁	-20°09'13"	03°03'53"	-00°10'48"	0.778
01/01/2024	00:00:00	♀	02°36'44" ♁	-18°46'09"	01°56'59"	01°12'57"	1.182
01/01/2024	00:00:00	♂	27°18'30" ♁	-23°57'41"	00°33'01"	00°44'29"	2.424
01/01/2024	00:00:00	♃	05°34'56" ♁	12°15'50"	-01°11'07"	00°00'11"	4.482
01/01/2024	00:00:00	♄	03°14'36" ♁	-11°50'20"	-01°38'02"	00°05'18"	10.295
01/01/2024	00:00:00	♅	19°23'02" ♁	17°16'45"	-00°18'22"	-00°01'18"	18.975
01/01/2024	00:00:00	♆	25°04'34" ♁	-03°05'32"	-01°14'14"	00°00'52"	30.143
01/01/2024	00:00:00	♇	29°21'27" ♁	-22°59'24"	-02°46'02"	00°01'51"	35.848
01/01/2024	00:00:00	♈	21°04'38" ♁	08°13'27"	00°00'00"	-00°06'01"	0.002
01/01/2024	00:00:00	♉	15°27'45" ♁	07°20'23"	01°21'27"	00°00'16"	18.605
01/01/2024	00:00:00	♊	09°58'24" ♁	10°57'06"	03°22'27"	00°06'40"	0.003
01/01/2024	00:00:00	♋	21°04'38" ♁	08°13'27"	00°00'00"	-00°06'01"	0.002
01/01/2024	00:00:00	♌	13°58'07" ♁	09°06'41"	03°02'25"	-00°36'58"	0.003
01/01/2024	00:00:00	X	24°09'55" ♁	-00°51'16"	-10°58'51"	-00°00'07"	95.461
01/01/2024	00:00:00	Y	29°37'26" ♁	08°20'56"	-11°58'56"	-00°00'27"	82.821

Ephemerides year 2024

02/01/2024 00:00:00	☉	11°03'28" ♍	-22°58'40"	00°00'00"	01°01'08"	0.983
02/01/2024 00:00:00	☾	17°48'34" ♍	07°21'42"	02°45'49"	11°47'53"	0.003
02/01/2024 00:00:00	♃	22°10'56" ♏	-20°12'48"	02°59'58"	-00°01'12"	0.797
02/01/2024 00:00:00	♂	03°49'43" ♏	-19°01'45"	01°55'10"	01°13'01"	1.188
02/01/2024 00:00:00	♂	28°03'00" ♏	-23°59'03"	00°33'36"	00°44'31"	2.421
02/01/2024 00:00:00	♃	05°35'13" ♏	12°16'13"	-01°10'49"	00°00'23"	4.496
02/01/2024 00:00:00	♃	03°19'57" ♏	-11°48'20"	-01°37'58"	00°05'22"	10.308
02/01/2024 00:00:00	♃	19°21'44" ♏	17°16'25"	-00°18'20"	-00°01'16"	18.989
02/01/2024 00:00:00	♃	25°05'27" ♏	-03°05'09"	-01°14'12"	00°00'54"	30.159
02/01/2024 00:00:00	♃	29°23'19" ♏	-22°59'04"	-02°46'05"	00°01'52"	35.854
02/01/2024 00:00:00	♁	20°59'59" ♏	08°11'42"	00°00'00"	-00°03'19"	0.002
02/01/2024 00:00:00	♁	15°28'03" ♏	07°20'22"	01°21'18"	00°00'19"	18.621
02/01/2024 00:00:00	♁	10°05'04" ♏	10°53'57"	03°21'47"	00°06'40"	0.003
02/01/2024 00:00:00	♁	20°59'59" ♏	08°11'42"	00°00'00"	-00°03'19"	0.002
02/01/2024 00:00:00	♁	13°26'54" ♏	09°20'44"	03°04'35"	-00°27'26"	0.003
02/01/2024 00:00:00	X	24°09'48" ♏	-00°51'10"	-10°58'42"	-00°00'06"	95.478
02/01/2024 00:00:00	Y	29°36'58" ♏	08°20'56"	-11°58'50"	-00°00'27"	82.831
03/01/2024 00:00:00	☉	12°04'37" ♍	-22°53'22"	00°00'00"	01°01'08"	0.983
03/01/2024 00:00:00	☾	29°36'57" ♍	01°50'30"	01°50'27"	11°49'43"	0.003

Ephemerides year 2024

03/01/2024 00:00:00	♀	22°14'16" ♀	-20°18'05"	02°54'51"	00°07'44"	0.817
03/01/2024 00:00:00	♀	05°02'46" ♀	-19°16'51"	01°53'18"	01°13'04"	1.194
03/01/2024 00:00:00	♂	28°47'33" ♀	-24°00'10"	00°34'11"	00°44'34"	2.418
03/01/2024 00:00:00	♃	05°35'43" ♂	12°16'40"	-01°10'30"	00°00'35"	4.511
03/01/2024 00:00:00	♅	03°25'21" ♀	-11°46'18"	-01°37'54"	00°05'26"	10.321
03/01/2024 00:00:00	♁	19°20'29" ♂	17°16'06"	-00°18'19"	-00°01'13"	19.002
03/01/2024 00:00:00	♃	25°06'22" ♀	-03°04'45"	-01°14'10"	00°00'56"	30.176
03/01/2024 00:00:00	♁	29°25'11" ♂	-22°58'44"	-02°46'09"	00°01'52"	35.860
03/01/2024 00:00:00	♁	20°57'47" ♀	08°10'53"	00°00'00"	-00°01'12"	0.002
03/01/2024 00:00:00	♁	15°28'24" ♀	07°20'22"	01°21'10"	00°00'22"	18.638
03/01/2024 00:00:00	♁	10°11'45" ♀	10°50'47"	03°21'07"	00°06'40"	0.003
03/01/2024 00:00:00	♁	20°57'47" ♀	08°10'53"	00°00'00"	-00°01'12"	0.002
03/01/2024 00:00:00	♁	12°58'14" ♀	09°33'41"	03°06'39"	-00°32'45"	0.003
03/01/2024 00:00:00	X	24°09'41" ♀	-00°51'04"	-10°58'33"	-00°00'06"	95.494
03/01/2024 00:00:00	Y	29°36'31" ♂	08°20'57"	-11°58'44"	-00°00'26"	82.842
04/01/2024 00:00:00	♁	13°05'46" ♂	-22°47'37"	00°00'00"	01°01'09"	0.983
04/01/2024 00:00:00	♁	11°29'50" ♀	-03°46'55"	00°49'53"	11°56'58"	0.003
04/01/2024 00:00:00	♀	22°26'11" ♀	-20°24'51"	02°48'45"	00°15'58"	0.838
04/01/2024 00:00:00	♀	06°15'52" ♀	-19°31'28"	01°51'21"	01°13'07"	1.201

Ephemerides year 2024

04/01/2024 00:00:00	♂	29°32'09" ♄	-24°01'02" ♁	-00°34'46"	00°44'37"	2.415
04/01/2024 00:00:00	♃	05°36'25" ♄	12°17'12"	-01°10'12"	00°00'48"	4.526
04/01/2024 00:00:00	♅	03°30'50" ♃	-11°44'15"	-01°37'50"	00°05'30"	10.334
04/01/2024 00:00:00	♁	19°19'17" ♄	17°15'48"	-00°18'18"	-00°01'10"	19.016
04/01/2024 00:00:00	♆	25°07'20" ♃	-03°04'20"	-01°14'08"	00°00'58"	30.192
04/01/2024 00:00:00	♁	29°27'04" ♄	-22°58'23"	-02°46'13"	00°01'53"	35.866
04/01/2024 00:00:00	♁	20°57'14" ♃	08°10'40"	00°00'00"	-00°00'04"	0.002
04/01/2024 00:00:00	♁	15°28'48" ♃	07°20'24"	01°21'01"	00°00'26"	18.655
04/01/2024 00:00:00	♁	10°18'25" ♃	10°47'37"	03°20'26"	00°06'40"	0.003
04/01/2024 00:00:00	♁	20°57'14" ♃	08°10'40"	00°00'00"	-00°00'04"	0.002
04/01/2024 00:00:00	♁	12°15'28" ♃	09°52'55"	03°09'40"	-00°55'42"	0.003
04/01/2024 00:00:00	X	24°09'35" ♃	-00°50'58"	-10°58'24"	-00°00'05"	95.511
04/01/2024 00:00:00	Y	29°36'05" ♄	08°20'58"	-11°58'38"	-00°00'26"	82.853
05/01/2024 00:00:00	♁	14°06'56" ♄	-22°41'25"	00°00'00"	01°01'09"	0.983
05/01/2024 00:00:00	♁	23°32'47" ♃	-09°21'21"	-00°13'43"	12°09'50"	0.003
05/01/2024 00:00:00	♁	22°45'59" ♄	-20°32'50"	02°41'51"	00°23'29"	0.859
05/01/2024 00:00:00	♀	07°29'02" ♄	-19°45'35"	01°49'20"	01°13'11"	1.207
05/01/2024 00:00:00	♂	00°16'48" ♄	-24°01'38" ♁	-00°35'21"	00°44'40"	2.411
05/01/2024 00:00:00	♃	05°37'20" ♄	12°17'47"	-01°09'54"	00°01'00"	4.541

Ephemerides year 2024

05/01/2024 00:00:00	♄	03°36'22" ♈	-11°42'10"	-01°37'46"	00°05'34"	10.346
05/01/2024 00:00:00	♅	19°18'08" ♉	17°15'31"	-00°18'16"	-00°01'07"	19.030
05/01/2024 00:00:00	♆	25°08'19" ♊	-03°03'55"	-01°14'06"	00°01'00"	30.209
05/01/2024 00:00:00	♇	29°28'58" ♋	-22°58'03"	-02°46'16"	00°01'53"	35.871
05/01/2024 00:00:00	♈	20°57'15" ♈	08°10'40"	00°00'00"	-00°00'06"	0.002
05/01/2024 00:00:00	♉	15°29'16" ♉	07°20'26"	01°20'52"	00°00'29"	18.672
05/01/2024 00:00:00	♊	10°25'06" ♊	10°44'27"	03°19'46"	00°06'40"	0.003
05/01/2024 00:00:00	♋	20°57'15" ♋	08°10'40"	00°00'00"	-00°00'06"	0.002
05/01/2024 00:00:00	♌	11°01'27" ♌	10°25'52"	03°14'39"	-01°34'33"	0.003
05/01/2024 00:00:00	X	24°09'30" ♈	-00°50'51"	-10°58'15"	-00°00'04"	95.527
05/01/2024 00:00:00	Y	29°35'39" ♉	08°20'59"	-11°58'31"	-00°00'25"	82.864
06/01/2024 00:00:00	♍	15°08'05" ♌	-22°34'46"	-00°00'00"	01°01'09"	0.983
06/01/2024 00:00:00	♎	05°51'21" ♌	-14°41'58"	-01°18'01"	12°28'09"	0.003
06/01/2024 00:00:00	♏	23°12'56" ♌	-20°41'46"	02°34'17"	00°30'16"	0.880
06/01/2024 00:00:00	♐	08°42'15" ♌	-19°59'11"	01°47'16"	01°13'14"	1.213
06/01/2024 00:00:00	♑	01°01'29" ♌	-24°02'00"	-00°35'56"	00°44'42"	2.408
06/01/2024 00:00:00	♒	05°38'27" ♉	12°18'26"	-01°09'35"	00°01'13"	4.556
06/01/2024 00:00:00	♓	03°41'59" ♈	-11°40'04"	-01°37'42"	00°05'38"	10.359
06/01/2024 00:00:00	♈	19°17'01" ♉	17°15'14"	-00°18'15"	-00°01'05"	19.044

Ephemerides year 2024

06/01/2024 00:00:00	♁	25°09'20"	♈	-03°03'29"	-01°14'04"	00°01'02"	30.225
06/01/2024 00:00:00	♁	29°30'52"	♈	-22°57'42"	-02°46'20"	00°01'54"	35.877
06/01/2024 00:00:00	♁	20°56'37"	♈	08°10'26"	00°00'00"	-00°01'19"	0.002
06/01/2024 00:00:00	♁	15°29'47"	♈	07°20'30"	01°20'44"	00°00'32"	18.689
06/01/2024 00:00:00	♁	10°31'47"	♈	10°41'17"	03°19'05"	00°06'40"	0.003
06/01/2024 00:00:00	T♁	20°56'37"	♈	08°10'26"	00°00'00"	-00°01'19"	0.002
06/01/2024 00:00:00	T♁	09°03'23"	♈	11°17'45"	03°22'14"	-02°22'07"	0.003
06/01/2024 00:00:00	X	24°09'26"	♈	-00°50'44"	-10°58'06"	-00°00'04"	95.544
06/01/2024 00:00:00	Y	29°35'13"	♈	08°21'00"	-11°58'25"	-00°00'25"	82.875
07/01/2024 00:00:00	♁	16°09'15"	♈	-22°27'40"	-00°00'00"	01°01'10"	0.983
07/01/2024 00:00:00	♁	18°30'40"	♈	-19°34'47"	-02°20'12"	12°51'11"	0.003
07/01/2024 00:00:00	♁	23°46'19"	♈	-20°51'27"	02°26'13"	00°36'23"	0.901
07/01/2024 00:00:00	♁	09°55'30"	♈	-20°12'15"	01°45'08"	01°13'17"	1.219
07/01/2024 00:00:00	♁	01°46'13"	♈	-24°02'06"	-00°36'30"	00°44'45"	2.405
07/01/2024 00:00:00	♁	05°39'47"	♈	12°19'10"	-01°09'17"	00°01'25"	4.571
07/01/2024 00:00:00	♁	03°47'39"	♈	-11°37'57"	-01°37'38"	00°05'42"	10.371
07/01/2024 00:00:00	♁	19°15'58"	♈	17°14'58"	-00°18'14"	-00°01'02"	19.058
07/01/2024 00:00:00	♁	25°10'23"	♈	-03°03'02"	-01°14'02"	00°01'04"	30.242
07/01/2024 00:00:00	♁	29°32'46"	♈	-22°57'21"	-02°46'24"	00°01'54"	35.882



Ephemerides year 2024

07/01/2024 00:00:00	♁	20°54'15" ♀	08°09'33"	00°00'00"	-00°03'32"	0.002
07/01/2024 00:00:00	♋	15°30'21" ♀	07°20'36"	01°20'35"	00°00'36"	18.706
07/01/2024 00:00:00	♌	10°38'27" ♀	10°38'07"	03°18'25"	00°06'40"	0.003
07/01/2024 00:00:00	♁	20°54'15" ♀	08°09'33"	00°00'00"	-00°03'32"	0.002
07/01/2024 00:00:00	♌	06°18'40" ♀	12°28'52"	03°32'16"	-03°05'13"	0.003
07/01/2024 00:00:00	X	24°09'22" ♀	-00°50'37"	-10°57'57"	-00°00'03"	95.561
07/01/2024 00:00:00	Y	29°34'49" ♂	08°21'02"	-11°58'18"	-00°00'24"	82.887
08/01/2024 00:00:00	♁	17°10'25" ♂	-22°20'07"	-00°00'00"	01°01'10"	0.983
08/01/2024 00:00:00	♂	01°34'50" ♂	-23°41'28"	0-03°17'01"	13°17'34"	0.003
08/01/2024 00:00:00	♌	24°25'31" ♂	-21°01'38"	02°17'44"	00°41'53"	0.921
08/01/2024 00:00:00	♌	11°08'49" ♂	-20°24'46"	01°42'56"	01°13'20"	1.225
08/01/2024 00:00:00	♌	02°31'00" ♂	-24°01'56"	0-00°37'05"	00°44'48"	2.402
08/01/2024 00:00:00	♌	05°41'19" ♂	12°19'58"	-01°08'58"	00°01'38"	4.586
08/01/2024 00:00:00	♌	03°53'23" ♀	-11°35'48"	-01°37'35"	00°05'45"	10.383
08/01/2024 00:00:00	♌	19°14'57" ♂	17°14'43"	-00°18'12"	-00°00'59"	19.073
08/01/2024 00:00:00	♌	25°11'28" ♀	-03°02'35"	-01°14'00"	00°01'05"	30.258
08/01/2024 00:00:00	♌	29°34'41" ♂	-22°57'01"	-02°46'28"	00°01'55"	35.886
08/01/2024 00:00:00	♁	20°49'21" ♀	08°07'43"	00°00'00"	-00°06'19"	0.002
08/01/2024 00:00:00	♋	15°30'59" ♀	07°20'42"	01°20'27"	00°00'39"	18.724

Ephemerides year 2024

08/01/2024 00:00:00	☾	10°45'08" ♍	10°34'56"	03°17'44"	00°06'40"	0.003
08/01/2024 00:00:00	♁	20°49'21" ♏	08°07'43"	00°00'00"	-00°06'19"	0.002
08/01/2024 00:00:00	♁	02°59'44" ♍	13°52'40"	03°43'34"	-03°28'08"	0.003
08/01/2024 00:00:00	X	24°09'19" ♏	-00°50'30"	-10°57'48"	-00°00'02"	95.578
08/01/2024 00:00:00	Y	29°34'24" ♏	08°21'03"	-11°58'12"	-00°00'23"	82.899
09/01/2024 00:00:00	☉	18°11'36" ♌	-22°12'08"	-00°00'00"	01°01'10"	0.983
09/01/2024 00:00:00	☾	15°06'14" ♏	-26°39'34"	0-04°04'45"	13°45'13"	0.003
09/01/2024 00:00:00	♁	25°09'54" ♏	-21°12'08"	02°08'56"	00°46'47"	0.942
09/01/2024 00:00:00	♀	12°22'10" ♏	-20°36'45"	01°40'41"	01°13'22"	1.231
09/01/2024 00:00:00	♂	03°15'50" ♌	-24°01'32"	0-00°37'39"	00°44'50"	2.399
09/01/2024 00:00:00	♃	05°43'03" ♏	12°20'50"	-01°08'40"	00°01'50"	4.602
09/01/2024 00:00:00	♄	03°59'10" ♏	-11°33'38"	-01°37'31"	00°05'49"	10.395
09/01/2024 00:00:00	♅	19°13'59" ♏	17°14'28"	-00°18'11"	-00°00'56"	19.087
09/01/2024 00:00:00	♆	25°12'35" ♏	-03°02'06"	-01°13'58"	00°01'07"	30.274
09/01/2024 00:00:00	♇	29°36'36" ♌	-22°56'40"	-02°46'32"	00°01'55"	35.890
09/01/2024 00:00:00	♁	20°41'36" ♏	08°04'48"	00°00'00"	-00°09'07"	0.002
09/01/2024 00:00:00	♂	15°31'40" ♏	07°20'50"	01°20'18"	00°00'42"	18.741
09/01/2024 00:00:00	☾	10°51'49" ♍	10°31'46"	03°17'03"	00°06'40"	0.003
09/01/2024 00:00:00	♁	20°41'36" ♏	08°04'48"	00°00'00"	-00°09'07"	0.002

Ephemerides year 2024

09/01/2024 00:00:00	T♄	29°32'23" ♈	15°17'21"	03°54'26"	-03°21'36"	0.003
09/01/2024 00:00:00	X	24°09'17" ♏	-00°50'22"	-10°57'39"	-00°00'01"	95.594
09/01/2024 00:00:00	Y	29°34'01" ♏	08°21'05"	-11°58'05"	-00°00'23"	82.911
10/01/2024 00:00:00	☉	19°12'46" ♎	-22°03'43"	-00°00'00"	01°01'10"	0.983
10/01/2024 00:00:00	☾	29°04'47" ♏	-28°05'38"	-04°39'32"	14°11'21"	0.002
10/01/2024 00:00:00	♁	25°58'56" ♏	-21°22'45"	01°59'55"	00°51'11"	0.962
10/01/2024 00:00:00	♂	13°35'35" ♏	-20°48'10"	01°38'23"	01°13'25"	1.237
10/01/2024 00:00:00	♂	04°00'42" ♎	-24°00'52"	-00°38'14"	00°44'53"	2.395
10/01/2024 00:00:00	♃	05°45'00" ♏	12°21'45"	-01°08'22"	00°02'02"	4.617
10/01/2024 00:00:00	♅	04°05'01" ♏	-11°31'27"	-01°37'28"	00°05'53"	10.407
10/01/2024 00:00:00	♁	19°13'05" ♏	17°14'15"	-00°18'10"	-00°00'53"	19.102
10/01/2024 00:00:00	♃	25°13'44" ♏	-03°01'37"	-01°13'56"	00°01'09"	30.290
10/01/2024 00:00:00	♃	29°38'32" ♎	-22°56'20"	-02°46'36"	00°01'55"	35.894
10/01/2024 00:00:00	♁	20°31'17" ♏	08°00'55"	00°00'00"	-00°11'22"	0.002
10/01/2024 00:00:00	♃	15°32'25" ♏	07°21'00"	01°20'09"	00°00'46"	18.757
10/01/2024 00:00:00	♁	10°58'30" ♏	10°28'35"	03°16'22"	00°06'40"	0.003
10/01/2024 00:00:00	T♁	20°31'17" ♏	08°00'55"	00°00'00"	-00°11'22"	0.002
10/01/2024 00:00:00	T♄	26°24'45" ♈	16°31'24"	04°03'26"	-02°50'45"	0.003
10/01/2024 00:00:00	X	24°09'15" ♏	-00°50'14"	-10°57'30"	-00°00'01"	95.611

Ephemerides year 2024

10/01/2024 00:00:00	Y	29°33'38" ♃	08°21'07"	-11°57'58"	-00°00'22"	82.923
11/01/2024 00:00:00	☉	20°13'56" ♎	-21°54'52"	-00°00'00"	01°01'10"	0.983
11/01/2024 00:00:00	☾	13°27'25" ♎	-27°41'45"	0-04°57'49"	14°32'55"	0.002
11/01/2024 00:00:00	♀	26°52'07" ♈	-21°33'21"	01°50'45"	00°55'06"	0.982
11/01/2024 00:00:00	♀	14°49'01" ♈	-20°59'00"	01°36'02"	01°13'27"	1.243
11/01/2024 00:00:00	♂	04°45'37" ♎	-23°59'56"	0-00°38'48"	00°44'55"	2.392
11/01/2024 00:00:00	♃	05°47'08" ♃	12°22'45"	-01°08'04"	00°02'15"	4.632
11/01/2024 00:00:00	♅	04°10'56" ♉	-11°29'14"	-01°37'24"	00°05'56"	10.419
11/01/2024 00:00:00	♁	19°12'13" ♃	17°14'02"	-00°18'08"	-00°00'50"	19.117
11/01/2024 00:00:00	♃	25°14'54" ♉	-03°01'07"	-01°13'54"	00°01'11"	30.306
11/01/2024 00:00:00	♁	29°40'27" ♎	-22°55'59"	-02°46'40"	00°01'56"	35.898
11/01/2024 00:00:00	♁	20°19'14" ♉	07°56'23"	00°00'00"	-00°12'30"	0.002
11/01/2024 00:00:00	♁	15°33'13" ♉	07°21'10"	01°20'01"	00°00'49"	18.774
11/01/2024 00:00:00	♁	11°05'10" ♉	10°25'24"	03°15'41"	00°06'40"	0.003
11/01/2024 00:00:00	T♁	20°19'14" ♉	07°56'23"	00°00'00"	-00°12'30"	0.002
11/01/2024 00:00:00	T♁	23°53'21" ♁	17°29'15"	04°10'07"	-02°12'26"	0.003
11/01/2024 00:00:00	X	24°09'14" ♉	-00°50'06"	-10°57'20"	-00°00'00"	95.628
11/01/2024 00:00:00	Y	29°33'16" ♃	08°21'10"	-11°57'51"	-00°00'21"	82.935
12/01/2024 00:00:00	☉	21°15'06" ♎	-21°45'35"	-00°00'00"	01°01'09"	0.983

Ephemerides year 2024

12/01/2024 00:00:00	♃	28°08'13" ♁	-25°22'49" ♁	-04°57'03"	14°47'17"	0.002
12/01/2024 00:00:00	♆	27°49'00" ♁	-21°43'45"	01°41'29"	00°58'36"	1.002
12/01/2024 00:00:00	♀	16°02'30" ♁	-21°09'16"	01°33'38"	01°13'29"	1.249
12/01/2024 00:00:00	♂	05°30'34" ♁	-23°58'45" ♁	-00°39'22"	00°44'58"	2.389
12/01/2024 00:00:00	♃	05°49'30" ♁	12°23'49"	-01°07'45"	00°02'27"	4.648
12/01/2024 00:00:00	♄	04°16'54" ♁	-11°27'01"	-01°37'21"	00°05'59"	10.430
12/01/2024 00:00:00	♁	19°11'24" ♁	17°13'50"	-00°18'07"	-00°00'47"	19.132
12/01/2024 00:00:00	♆	25°16'07" ♁	-03°00'37"	-01°13'52"	00°01'13"	30.321
12/01/2024 00:00:00	♁	29°42'24" ♁	-22°55'38"	-02°46'44"	00°01'56"	35.901
12/01/2024 00:00:00	♁	20°06'43" ♁	07°51'40"	00°00'00"	-00°12'16"	0.002
12/01/2024 00:00:00	♁	15°34'04" ♁	07°21'22"	01°19'52"	00°00'52"	18.791
12/01/2024 00:00:00	♁	11°11'51" ♁	10°22'13"	03°15'00"	00°06'40"	0.003
12/01/2024 00:00:00	♁	20°06'43" ♁	07°51'40"	00°00'00"	-00°12'16"	0.002
12/01/2024 00:00:00	♁	21°56'15" ♁	18°12'49"	04°15'03"	-01°44'41"	0.003
12/01/2024 00:00:00	X	24°09'14" ♁	-00°49'58"	-10°57'11"	00°00'00"	95.645
12/01/2024 00:00:00	Y	29°32'54" ♁	08°21'12"	-11°57'44"	-00°00'21"	82.948
13/01/2024 00:00:00	♁	22°16'16" ♁	-21°35'52"	-00°00'00"	01°01'09"	0.984
13/01/2024 00:00:00	♃	12°59'02" ♁	-21°19'43"	-04°36'21"	14°52'51"	0.002
13/01/2024 00:00:00	♆	28°49'13" ♁	-21°53'49"	01°32'09"	01°01'44"	1.021

Ephemerides year 2024

13/01/2024 00:00:00	♀	17°16'01" ♄	-21°18'57"	01°31'10"	01°13'31"	1.255
13/01/2024 00:00:00	♂	06°15'33" ♁	-23°57'19"	0-00°39'56"	00°45'00"	2.386
13/01/2024 00:00:00	♃	05°52'03" ☿	12°24'57"	-01°07'27"	00°02'39"	4.664
13/01/2024 00:00:00	♅	04°22'56" ♃	-11°24'46"	-01°37'18"	00°06'03"	10.441
13/01/2024 00:00:00	♁	19°10'38" ☿	17°13'39"	-00°18'05"	-00°00'44"	19.147
13/01/2024 00:00:00	♃	25°17'21" ♃	-03°00'06"	-01°13'51"	00°01'15"	30.337
13/01/2024 00:00:00	♁	29°44'20" ♁	-22°55'18"	-02°46'49"	00°01'56"	35.905
13/01/2024 00:00:00	♁	19°55'08" ♃	07°47'18"	00°00'00"	-00°10'40"	0.002
13/01/2024 00:00:00	♃	15°34'58" ♃	07°21'35"	01°19'44"	00°00'55"	18.808
13/01/2024 00:00:00	♁	11°18'32" ♃	10°19'02"	03°14'19"	00°06'40"	0.003
13/01/2024 00:00:00	♁	19°55'08" ♃	07°47'18"	00°00'00"	-00°10'40"	0.002
13/01/2024 00:00:00	♁	20°16'52" ♃	18°49'08"	04°19'14"	-01°37'47"	0.003
13/01/2024 00:00:00	X	24°09'14" ♃	-00°49'49"	-10°57'02"	00°00'00"	95.662
13/01/2024 00:00:00	Y	29°32'33" ☿	08°21'15"	-11°57'37"	-00°00'20"	82.961
14/01/2024 00:00:00	☉	23°17'25" ♁	-21°25'45"	-00°00'00"	01°01'08"	0.984
14/01/2024 00:00:00	☾	27°50'57" ♃	-15°55'23"	-03°56'55"	14°49'36"	0.002
14/01/2024 00:00:00	♀	29°52'23" ♄	-22°03'28"	01°22'49"	01°04'32"	1.039
14/01/2024 00:00:00	♀	18°29'34" ♄	-21°28'02"	01°28'41"	01°13'33"	1.261
14/01/2024 00:00:00	♂	07°00'35" ♁	-23°55'37"	0-00°40'30"	00°45'02"	2.382

Ephemerides year 2024

14/01/2024 00:00:00	♃	05°54'48" ♂	12°26'08"	-01°07'09"	00°02'51"	4.679
14/01/2024 00:00:00	♅	04°29'01" ♀	-11°22'29"	-01°37'15"	00°06'06"	10.452
14/01/2024 00:00:00	♁	19°09'55" ♂	17°13'28"	-00°18'04"	-00°00'41"	19.162
14/01/2024 00:00:00	♆	25°18'37" ♀	-02°59'34"	-01°13'49"	00°01'16"	30.352
14/01/2024 00:00:00	♄	29°46'17" ♀	-22°54'57"	-02°46'53"	00°01'56"	35.907
14/01/2024 00:00:00	♁	19°45'43" ♂	07°43'44"	00°00'00"	-00°08'02"	0.002
14/01/2024 00:00:00	♅	15°35'55" ♂	07°21'50"	01°19'35"	00°00'59"	18.825
14/01/2024 00:00:00	♁	11°25'13" ♀	10°15'50"	03°13'37"	00°06'40"	0.003
14/01/2024 00:00:00	♁	19°45'43" ♂	07°43'44"	00°00'00"	-00°08'02"	0.002
14/01/2024 00:00:00	♁	18°34'11" ♂	19°26'04"	04°23'40"	-01°49'52"	0.003
14/01/2024 00:00:00	X	24°09'15" ♂	-00°49'40"	-10°56'53"	00°00'01"	95.679
14/01/2024 00:00:00	Y	29°32'12" ♂	08°21'18"	-11°57'30"	-00°00'20"	82.973
15/01/2024 00:00:00	♁	24°18'33" ♀	-21°15'13"	-00°00'00"	01°01'08"	0.984
15/01/2024 00:00:00	♁	12°35'47" ♀	-09°37'55"	-03°01'52"	14°39'00"	0.002
15/01/2024 00:00:00	♁	00°58'12" ♀	-22°12'34"	01°13'31"	01°07'03"	1.058
15/01/2024 00:00:00	♁	19°43'08" ♀	-21°36'31"	01°26'08"	01°13'35"	1.267
15/01/2024 00:00:00	♁	07°45'39" ♀	-23°53'39"	-00°41'04"	00°45'05"	2.379
15/01/2024 00:00:00	♃	05°57'45" ♂	12°27'24"	-01°06'51"	00°03'03"	4.695
15/01/2024 00:00:00	♅	04°35'08" ♀	-11°20'12"	-01°37'12"	00°06'09"	10.463

Ephemerides year 2024

15/01/2024 00:00:00	♃	19°09'15" ♂	17°13'19"	-00°18'03"	-00°00'38"	19.178
15/01/2024 00:00:00	♃	25°19'55" ♀	-02°59'02"	-01°13'47"	00°01'18"	30.367
15/01/2024 00:00:00	♃	29°48'13" ♀	-22°54'36"	-02°46'57"	00°01'56"	35.910
15/01/2024 00:00:00	♃	19°39'11" ♀	07°41'16"	00°00'00"	-00°05'01"	0.002
15/01/2024 00:00:00	♃	15°36'56" ♀	07°22'06"	01°19'27"	00°01'02"	18.842
15/01/2024 00:00:00	♃	11°31'53" ♀	10°12'39"	03°12'56"	00°06'40"	0.003
15/01/2024 00:00:00	♃	19°39'11" ♀	07°41'16"	00°00'00"	-00°05'01"	0.002
15/01/2024 00:00:00	♃	16°35'47" ♀	20°07'44"	04°28'44"	-02°05'40"	0.003
15/01/2024 00:00:00	X	24°09'17" ♀	-00°49'31"	-10°56'44"	00°00'01"	95.696
15/01/2024 00:00:00	Y	29°31'52" ♂	08°21'22"	-11°57'22"	-00°00'19"	82.987
16/01/2024 00:00:00	♃	25°19'41" ♀	-21°04'16"	-00°00'00"	01°01'07"	0.984
16/01/2024 00:00:00	♃	27°07'20" ♀	-02°54'45"	-01°55'37"	14°23'28"	0.002
16/01/2024 00:00:00	♃	02°06'26" ♀	-22°21'02"	01°04'16"	01°09'20"	1.075
16/01/2024 00:00:00	♃	20°56'45" ♀	-21°44'23"	01°23'33"	01°13'37"	1.273
16/01/2024 00:00:00	♃	08°30'45" ♀	-23°51'26"	-00°41'37"	00°45'07"	2.375
16/01/2024 00:00:00	♃	06°00'54" ♂	12°28'43"	-01°06'33"	00°03'14"	4.711
16/01/2024 00:00:00	♃	04°41'19" ♀	-11°17'53"	-01°37'09"	00°06'12"	10.474
16/01/2024 00:00:00	♃	19°08'38" ♂	17°13'10"	-00°18'01"	-00°00'35"	19.193
16/01/2024 00:00:00	♃	25°21'14" ♀	-02°58'29"	-01°13'45"	00°01'20"	30.383



Ephemerides year 2024

16/01/2024 00:00:00	♁	29°50'10" ♉	-22°54'16"	-02°47'02"	00°01'56"	35.912
16/01/2024 00:00:00	♁	19°35'35" ♉	07°39'54"	00°00'00"	-00°02'17"	0.002
16/01/2024 00:00:00	♁	15°38'00" ♉	07°22'22"	01°19'19"	00°01'05"	18.859
16/01/2024 00:00:00	♁	11°38'33" ♉	10°09'27"	03°12'14"	00°06'40"	0.003
16/01/2024 00:00:00	♁	19°35'35" ♉	07°39'54"	00°00'00"	-00°02'17"	0.002
16/01/2024 00:00:00	♁	14°29'50" ♉	20°50'42"	04°33'54"	-02°00'42"	0.003
16/01/2024 00:00:00	X	24°09'19" ♉	-00°49'22"	-10°56'35"	00°00'02"	95.713
16/01/2024 00:00:00	Y	29°31'33" ♉	08°21'25"	-11°57'15"	-00°00'19"	83.000
17/01/2024 00:00:00	♁	26°20'48" ♉	-20°52'55"	-00°00'00"	01°01'06"	0.984
17/01/2024 00:00:00	♁	11°21'57" ♉	03°49'57"	-00°43'14"	14°05'33"	0.002
17/01/2024 00:00:00	♁	03°16'48" ♉	-22°28'47"	00°55'05"	01°11'22"	1.092
17/01/2024 00:00:00	♁	22°10'23" ♉	-21°51'38"	01°20'56"	01°13'39"	1.279
17/01/2024 00:00:00	♁	09°15'54" ♉	-23°48'58"	-00°42'11"	00°45'09"	2.372
17/01/2024 00:00:00	♁	06°04'15" ♉	12°30'06"	-01°06'15"	00°03'26"	4.727
17/01/2024 00:00:00	♁	04°47'33" ♉	-11°15'34"	-01°37'07"	00°06'15"	10.484
17/01/2024 00:00:00	♁	19°08'04" ♉	17°13'02"	-00°18'00"	-00°00'32"	19.209
17/01/2024 00:00:00	♁	25°22'35" ♉	-02°57'55"	-01°13'44"	00°01'21"	30.398
17/01/2024 00:00:00	♁	29°52'07" ♉	-22°53'55"	-02°47'07"	00°01'56"	35.914
17/01/2024 00:00:00	♁	19°34'17" ♉	07°39'25"	00°00'00"	-00°00'28"	0.002

Ephemerides year 2024

17/01/2024 00:00:00	♄	15°39'07" ♏	07°22'41"	01°19'10"	00°01'08"	18.876
17/01/2024 00:00:00	♁	11°45'14" ♏	10°06'15"	03°11'33"	00°06'40"	0.003
17/01/2024 00:00:00	♁	19°34'17" ♏	07°39'25"	00°00'00"	-00°00'28"	0.002
17/01/2024 00:00:00	♁	12°47'58" ♏	21°24'22"	04°37'51"	-01°15'40"	0.003
17/01/2024 00:00:00	X	24°09'22" ♏	-00°49'12"	-10°56'26"	00°00'03"	95.730
17/01/2024 00:00:00	Y	29°31'14" ♏	08°21'29"	-11°57'07"	-00°00'18"	83.013
18/01/2024 00:00:00	☉	27°21'54" ♏	-20°41'10"	00°00'00"	01°01'05"	0.984
18/01/2024 00:00:00	☾	25°18'22" ♏	10°15'34"	00°30'18"	13°47'22"	0.003
18/01/2024 00:00:00	♁	04°29'08" ♏	-22°35'44"	00°46'01"	01°13'14"	1.109
18/01/2024 00:00:00	♁	23°24'03" ♏	-21°58'15"	01°18'16"	01°13'40"	1.284
18/01/2024 00:00:00	♁	10°01'04" ♏	-23°46'14"	00°42'44"	00°45'11"	2.369
18/01/2024 00:00:00	♁	06°07'47" ♏	12°31'33"	-01°05'57"	00°03'38"	4.743
18/01/2024 00:00:00	♁	04°53'50" ♏	-11°13'13"	-01°37'04"	00°06'18"	10.494
18/01/2024 00:00:00	♁	19°07'33" ♏	17°12'55"	-00°17'58"	-00°00'29"	19.225
18/01/2024 00:00:00	♁	25°23'58" ♏	-02°57'20"	-01°13'42"	00°01'23"	30.412
18/01/2024 00:00:00	♁	29°54'04" ♏	-22°53'35"	-02°47'11"	00°01'56"	35.916
18/01/2024 00:00:00	♁	19°34'11" ♏	07°39'23"	00°00'00"	00°00'02"	0.002
18/01/2024 00:00:00	♄	15°40'17" ♏	07°23'00"	01°19'02"	00°01'11"	18.892
18/01/2024 00:00:00	♁	11°51'54" ♏	10°03'03"	03°10'51"	00°06'40"	0.003

Ephemerides year 2024

18/01/2024 00:00:00	T♄	19°34'11" ♀	07°39'23"	00°00'00"	00°00'02"	0.002
18/01/2024 00:00:00	T♄	12°11'46" ♀	21°36'06"	04°39'14"	00°08'32"	0.003
18/01/2024 00:00:00	X	24°09'25" ♀	-00°49'03"	-10°56'17"	00°00'03"	95.747
18/01/2024 00:00:00	Y	29°30'56" ♂	08°21'33"	-11°57'00"	-00°00'17"	83.027
19/01/2024 00:00:00	♁	28°22'59" ♀	-20°29'02"	00°00'00"	01°01'04"	0.984
19/01/2024 00:00:00	♂	08°57'06" ♂	16°04'08"	01°40'35"	13°30'21"	0.003
19/01/2024 00:00:00	♀	05°43'14" ♀	-22°41'50"	00°37'04"	01°14'55"	1.125
19/01/2024 00:00:00	♀	24°37'45" ♂	-22°04'14"	01°15'34"	01°13'42"	1.290
19/01/2024 00:00:00	♂	10°46'17" ♀	-23°43'14"	00°43'17"	00°45'14"	2.365
19/01/2024 00:00:00	♃	06°11'31" ♂	12°33'03"	-01°05'40"	00°03'49"	4.759
19/01/2024 00:00:00	♅	05°00'10" ♀	-11°10'51"	-01°37'02"	00°06'21"	10.504
19/01/2024 00:00:00	♁	19°07'06" ♂	17°12'49"	-00°17'57"	-00°00'26"	19.241
19/01/2024 00:00:00	♃	25°25'23" ♀	-02°56'45"	-01°13'40"	00°01'25"	30.427
19/01/2024 00:00:00	♁	29°56'01" ♀	-22°53'14"	-02°47'16"	00°01'57"	35.917
19/01/2024 00:00:00	♁	19°33'55" ♀	07°39'17"	00°00'00"	-00°00'49"	0.002
19/01/2024 00:00:00	♃	15°41'30" ♀	07°23'21"	01°18'54"	00°01'14"	18.909
19/01/2024 00:00:00	♄	11°58'35" ♀	09°59'51"	03°10'09"	00°06'40"	0.003
19/01/2024 00:00:00	T♄	19°33'55" ♀	07°39'17"	00°00'00"	-00°00'49"	0.002
19/01/2024 00:00:00	T♄	13°11'26" ♀	21°16'50"	04°37'06"	01°51'47"	0.003

Ephemerides year 2024

19/01/2024 00:00:00	X	24°09'30" ♀	-00°48'53"	-10°56'08"	00°00'04"	95.764
19/01/2024 00:00:00	Y	29°30'39" ♂	08°21'37"	-11°56'52"	-00°00'17"	83.041
20/01/2024 00:00:00	☉	29°24'04" ♁	-20°16'31"	00°00'00"	01°01'04"	0.984
20/01/2024 00:00:00	☾	22°19'40" ♂	20°59'22"	02°43'52"	13°15'07"	0.003
20/01/2024 00:00:00	♀	06°58'56" ♁	-22°47'02"	00°28'16"	01°16'28"	1.141
20/01/2024 00:00:00	♀	25°51'28" ♂	-22°09'35"	01°12'51"	01°13'44"	1.296
20/01/2024 00:00:00	♂	11°31'32" ♁	-23°39'59"	00°43'51"	00°45'16"	2.362
20/01/2024 00:00:00	♃	06°15'27" ♂	12°34'37"	-01°05'22"	00°04'01"	4.775
20/01/2024 00:00:00	♄	05°06'33" ♀	-11°08'29"	-01°36'59"	00°06'24"	10.514
20/01/2024 00:00:00	♅	19°06'41" ♂	17°12'44"	-00°17'55"	-00°00'22"	19.257
20/01/2024 00:00:00	♆	25°26'49" ♀	-02°56'09"	-01°13'39"	00°01'27"	30.442
20/01/2024 00:00:00	♇	29°57'58" ♁	-22°52'54"	-02°47'21"	00°01'57"	35.918
20/01/2024 00:00:00	♈	19°32'09" ♀	07°38'37"	00°00'00"	-00°02'52"	0.002
20/01/2024 00:00:00	♉	15°42'47" ♀	07°23'43"	01°18'45"	00°01'18"	18.925
20/01/2024 00:00:00	♊	12°05'15" ♁	09°56'39"	03°09'27"	00°06'40"	0.003
20/01/2024 00:00:00	T♈	19°32'09" ♀	07°38'37"	00°00'00"	-00°02'52"	0.002
20/01/2024 00:00:00	T♉	15°53'27" ♁	20°22'34"	04°30'46"	03°29'32"	0.003
20/01/2024 00:00:00	X	24°09'35" ♀	-00°48'42"	-10°55'59"	00°00'05"	95.780
20/01/2024 00:00:00	Y	29°30'22" ♂	08°21'41"	-11°56'44"	-00°00'16"	83.055

Ephemerides year 2024

21/01/2024 00:00:00	☉	00°25'07" ♊	-20°03'36"	00°00'00"	01°01'03"	0.984
21/01/2024 00:00:00	☾	05°27'58" ♋	24°46'31" ♌	03°37'12"	13°01'45"	0.003
21/01/2024 00:00:00	♁	08°16'08" ♌	-22°51'15"	00°19'36"	01°17'53"	1.156
21/01/2024 00:00:00	♂	27°05'14" ♍	-22°14'18"	01°10'05"	01°13'45"	1.302
21/01/2024 00:00:00	♂	12°16'50" ♌	-23°36'29" ♌	-00°44'24"	00°45'18"	2.358
21/01/2024 00:00:00	♃	06°19'34" ♌	12°36'15"	-01°05'04"	00°04'12"	4.791
21/01/2024 00:00:00	♄	05°12'59" ♋	-11°06'05"	-01°36'57"	00°06'27"	10.524
21/01/2024 00:00:00	♅	19°06'20" ♌	17°12'39"	-00°17'54"	-00°00'19"	19.273
21/01/2024 00:00:00	♆	25°28'17" ♋	-02°55'33"	-01°13'37"	00°01'28"	30.456
21/01/2024 00:00:00	♇	29°59'55" ♌	-22°52'34"	-02°47'26"	00°01'57"	35.919
21/01/2024 00:00:00	♈	19°27'54" ♏	07°37'00"	00°00'00"	-00°05'42"	0.002
21/01/2024 00:00:00	♉	15°44'07" ♏	07°24'06"	01°18'37"	00°01'21"	18.942
21/01/2024 00:00:00	♊	12°11'56" ♎	09°53'27"	03°08'45"	00°06'40"	0.003
21/01/2024 00:00:00	♋	19°27'54" ♏	07°37'00"	00°00'00"	-00°05'42"	0.002
21/01/2024 00:00:00	♌	20°02'22" ♎	18°54'21"	04°19'49"	04°43'05"	0.003
21/01/2024 00:00:00	♍	24°09'40" ♏	-00°48'32"	-10°55'49"	00°00'06"	95.797
21/01/2024 00:00:00	♎	29°30'06" ♏	08°21'45"	-11°56'36"	-00°00'15"	83.069
22/01/2024 00:00:00	☉	01°26'10" ♊	-19°50'20"	00°00'00"	01°01'02"	0.984
22/01/2024 00:00:00	☾	18°23'42" ♋	27°13'17" ♌	04°18'24"	12°49'55"	0.003

Ephemerides year 2024

22/01/2024 00:00:00	♀	09°34'41" ♍	-22°54'28"	00°11'06"	01°19'12"	1.171
22/01/2024 00:00:00	♀	28°19'00" ♈	-22°18'22"	01°07'18"	01°13'47"	1.307
22/01/2024 00:00:00	♂	13°02'10" ♍	-23°32'43" ○	-00°44'56"	00°45'20"	2.355
22/01/2024 00:00:00	♃	06°23'52" ♋	12°37'56"	-01°04'47"	00°04'23"	4.807
22/01/2024 00:00:00	♅	05°19'27" ♉	-11°03'40"	-01°36'55"	00°06'29"	10.533
22/01/2024 00:00:00	♁	19°06'02" ♉	17°12'36"	-00°17'53"	-00°00'16"	19.289
22/01/2024 00:00:00	♆	25°29'47" ♉	-02°54'56"	-01°13'35"	00°01'30"	30.470
22/01/2024 00:00:00	♁	00°01'52" ♁	-22°52'13"	-02°47'31"	00°01'57"	35.920
22/01/2024 00:00:00	♁	19°20'41" ♉	07°34'16"	00°00'00"	-00°08'44"	0.002
22/01/2024 00:00:00	♁	15°45'29" ♉	07°24'30"	01°18'29"	00°01'24"	18.958
22/01/2024 00:00:00	♁	12°18'36" ♉	09°50'14"	03°08'03"	00°06'40"	0.003
22/01/2024 00:00:00	T♁	19°20'41" ♉	07°34'16"	00°00'00"	-00°08'44"	0.002
22/01/2024 00:00:00	T♁	25°07'41" ♉	16°58'47"	04°04'28"	05°21'01"	0.003
22/01/2024 00:00:00	X	24°09'47" ♉	-00°48'21"	-10°55'40"	00°00'06"	95.814
22/01/2024 00:00:00	Y	29°29'51" ♉	08°21'50"	-11°56'28"	-00°00'14"	83.083
23/01/2024 00:00:00	♁	02°27'12" ♁	-19°36'41"	00°00'00"	01°01'01"	0.984
23/01/2024 00:00:00	♁	01°08'09" ♁	28°11'59" ○	04°45'59"	12°39'07"	0.003
23/01/2024 00:00:00	♀	10°54'30" ♍	-22°56'38"	00°02'47"	01°20'25"	1.185
23/01/2024 00:00:00	♀	29°32'49" ♈	-22°21'46"	01°04'29"	01°13'49"	1.313

Ephemerides year 2024

23/01/2024 00:00:00	♂	13°47'32" ♌	-23°28'41" ♍	-00°45'29"	00°45'23"	2.351
23/01/2024 00:00:00	♃	06°28'21" ♏	12°39'41"	-01°04'29"	00°04'35"	4.823
23/01/2024 00:00:00	♅	05°25'58" ♋	-11°01'14"	-01°36'53"	00°06'32"	10.542
23/01/2024 00:00:00	♁	19°05'47" ♉	17°12'33"	-00°17'51"	-00°00'13"	19.305
23/01/2024 00:00:00	♆	25°31'18" ♋	-02°54'18"	-01°13'34"	00°01'31"	30.484
23/01/2024 00:00:00	♁	00°03'49" ♍	-22°51'53"	-02°47'36"	00°01'57"	35.920
23/01/2024 00:00:00	♁	19°10'33" ♏	07°30'26"	00°00'00"	-00°11'24"	0.002
23/01/2024 00:00:00	♃	15°46'55" ♏	07°24'56"	01°18'21"	00°01'27"	18.975
23/01/2024 00:00:00	♁	12°25'17" ♏	09°47'01"	03°07'21"	00°06'40"	0.003
23/01/2024 00:00:00	♁	19°10'33" ♏	07°30'26"	00°00'00"	-00°11'24"	0.002
23/01/2024 00:00:00	♁	00°30'58" ♏	14°48'38"	03°46'01"	05°18'55"	0.003
23/01/2024 00:00:00	X	24°09'54" ♏	-00°48'10"	-10°55'31"	00°00'07"	95.831
23/01/2024 00:00:00	Y	29°29'36" ♏	08°21'55"	-11°56'20"	-00°00'14"	83.097
24/01/2024 00:00:00	♁	03°28'14" ♍	-19°22'40"	00°00'00"	01°01'00"	0.984
24/01/2024 00:00:00	♃	13°42'08" ♎	27°41'35" ♍	04°59'13"	12°28'55"	0.003
24/01/2024 00:00:00	♁	12°15'30" ♌	-22°57'43"	-00°05'21"	01°21'33"	1.199
24/01/2024 00:00:00	♀	00°46'39" ♌	-22°24'31"	01°01'38"	01°13'50"	1.319
24/01/2024 00:00:00	♂	14°32'56" ♌	-23°24'25"	-00°46'02"	00°45'25"	2.348
24/01/2024 00:00:00	♃	06°33'02" ♏	12°41'29"	-01°04'12"	00°04'46"	4.839

Ephemerides year 2024

24/01/2024 00:00:00	♃	05°32'32" ♈	-10°58'47"	-01°36'52"	00°06'34"	10.551
24/01/2024 00:00:00	♅	19°05'35" ♊	17°12'31"	-00°17'50"	-00°00'10"	19.322
24/01/2024 00:00:00	♆	25°32'50" ♈	-02°53'40"	-01°13'32"	00°01'33"	30.498
24/01/2024 00:00:00	♁	00°05'46" ♋	-22°51'33"	-02°47'42"	00°01'57"	35.920
24/01/2024 00:00:00	♄	18°58'08" ♈	07°25'43"	00°00'00"	-00°13'15"	0.003
24/01/2024 00:00:00	♂	15°48'24" ♈	07°25'22"	01°18'13"	00°01'30"	18.991
24/01/2024 00:00:00	♁	12°31'58" ♋	09°43'48"	03°06'39"	00°06'40"	0.003
24/01/2024 00:00:00	♁♄	18°58'08" ♈	07°25'43"	00°00'00"	-00°13'15"	0.003
24/01/2024 00:00:00	♁♃	05°33'27" ♋	12°40'34"	03°26'46"	04°40'54"	0.003
24/01/2024 00:00:00	X	24°10'01" ♈	-00°47'59"	-10°55'22"	00°00'08"	95.848
24/01/2024 00:00:00	Y	29°29'22" ♊	08°22'00"	-11°56'12"	-00°00'13"	83.112
25/01/2024 00:00:00	♁	04°29'14" ♋	-19°08'19"	00°00'00"	01°00'59"	0.984
25/01/2024 00:00:00	♃	26°06'08" ♋	25°48'15" ♋	04°58'02"	12°19'07"	0.003
25/01/2024 00:00:00	♁	13°37'35" ♋	-22°57'41"	-00°13'17"	01°22'36"	1.212
25/01/2024 00:00:00	♁	02°00'30" ♋	-22°26'37"	00°58'46"	01°13'52"	1.324
25/01/2024 00:00:00	♁	15°18'22" ♋	-23°19'53"	-00°46'34"	00°45'27"	2.344
25/01/2024 00:00:00	♁	06°37'53" ♊	12°43'21"	-01°03'55"	00°04'56"	4.855
25/01/2024 00:00:00	♃	05°39'08" ♈	-10°56'20"	-01°36'50"	00°06'37"	10.560
25/01/2024 00:00:00	♅	19°05'26" ♊	17°12'30"	-00°17'48"	-00°00'07"	19.338



Ephemerides year 2024

25/01/2024 00:00:00	♁	25°34'25"	♈	-02°53'01"	-01°13'31"	00°01'34"	30.512
25/01/2024 00:00:00	♁	00°07'43"	♏	-22°51'13"	-02°47'47"	00°01'56"	35.919
25/01/2024 00:00:00	♁	18°44'25"	♈	07°20'31"	00°00'00"	-00°13'58"	0.002
25/01/2024 00:00:00	♁	15°49'56"	♈	07°25'50"	01°18'04"	00°01'33"	19.007
25/01/2024 00:00:00	♁	12°38'38"	♏	09°40'35"	03°05'57"	00°06'40"	0.003
25/01/2024 00:00:00	T♁	18°44'25"	♈	07°20'31"	00°00'00"	-00°13'58"	0.002
25/01/2024 00:00:00	T♁	09°45'17"	♏	10°49'57"	03°09'20"	03°40'34"	0.003
25/01/2024 00:00:00	X	24°10'10"	♈	-00°47'48"	-10°55'13"	00°00'08"	95.864
25/01/2024 00:00:00	Y	29°29'09"	♏	08°22'06"	-11°56'04"	-00°00'12"	83.127
26/01/2024 00:00:00	♁	05°30'13"	♏	-18°53'36"	00°00'00"	01°00'59"	0.984
26/01/2024 00:00:00	♁	08°20'31"	♏	22°43'44"	04°43'02"	12°09'44"	0.003
26/01/2024 00:00:00	♁	15°00'43"	♏	-22°56'30"	-00°21'02"	01°23'37"	1.224
26/01/2024 00:00:00	♁	03°14'23"	♏	-22°28'03"	00°55'53"	01°13'53"	1.330
26/01/2024 00:00:00	♁	16°03'50"	♏	-23°15'06"	-00°47'06"	00°45'29"	2.341
26/01/2024 00:00:00	♁	06°42'56"	♏	12°45'16"	-01°03'38"	00°05'07"	4.871
26/01/2024 00:00:00	♁	05°45'47"	♈	-10°53'51"	-01°36'48"	00°06'39"	10.568
26/01/2024 00:00:00	♁	19°05'21"	♏	17°12'30"	-00°17'47"	-00°00'04"	19.355
26/01/2024 00:00:00	♁	25°36'00"	♈	-02°52'22"	-01°13'29"	00°01'36"	30.525
26/01/2024 00:00:00	♁	00°09'40"	♏	-22°50'53"	-02°47'52"	00°01'56"	35.918

Ephemerides year 2024

26/01/2024 00:00:00	♁	18°30'35" ♀	07°15'16"	00°00'00"	-00°13'27"	0.002
26/01/2024 00:00:00	♃	15°51'30" ♀	07°26'19"	01°17'56"	00°01'36"	19.023
26/01/2024 00:00:00	♄	12°45'19" ♀	09°37'22"	03°05'14"	00°06'40"	0.003
26/01/2024 00:00:00	♁	18°30'35" ♀	07°15'16"	00°00'00"	-00°13'27"	0.002
26/01/2024 00:00:00	♄	12°53'45" ♀	09°25'05"	02°55'27"	02°37'32"	0.003
26/01/2024 00:00:00	X	24°10'19" ♀	-00°47'36"	-10°55'04"	00°00'09"	95.881
26/01/2024 00:00:00	Y	29°28'57" ♂	08°22'11"	-11°55'56"	-00°00'12"	83.141
27/01/2024 00:00:00	♁	06°31'12" ♀	-18°38'32"	00°00'00"	01°00'58"	0.985
27/01/2024 00:00:00	♂	20°25'53" ♀	18°42'33"	04°15'21"	12°01'09"	0.003
27/01/2024 00:00:00	♄	16°24'48" ♀	-22°54'09"	-00°28'34"	01°24'34"	1.237
27/01/2024 00:00:00	♀	04°28'17" ♀	-22°28'49"	00°52'59"	01°13'55"	1.335
27/01/2024 00:00:00	♂	16°49'21" ♀	-23°10'03"	-00°47'39"	00°45'31"	2.337
27/01/2024 00:00:00	♃	06°48'09" ♂	12°47'15"	-01°03'21"	00°05'18"	4.887
27/01/2024 00:00:00	♅	05°52'27" ♀	-10°51'22"	-01°36'47"	00°06'41"	10.576
27/01/2024 00:00:00	♁	19°05'18" ♂	17°12'31"	-00°17'45"	-00°00'00"	19.372
27/01/2024 00:00:00	♄	25°37'38" ♀	-02°51'42"	-01°13'28"	00°01'37"	30.538
27/01/2024 00:00:00	♁	00°11'37" ♀	-22°50'33"	-02°47'58"	00°01'56"	35.918
27/01/2024 00:00:00	♁	18°17'51" ♀	07°10'25"	00°00'00"	-00°11'50"	0.002
27/01/2024 00:00:00	♃	15°53'08" ♀	07°26'50"	01°17'48"	00°01'39"	19.039








Ephemerides year 2024

27/01/2024 00:00:00	☾	12°51'59" ♎	09°34'09"	03°04'32"	00°06'40"	0.003
27/01/2024 00:00:00	♄	18°17'51" ♏	07°10'25"	00°00'00"	-00°11'50"	0.002
27/01/2024 00:00:00	♄	15°05'17" ♎	08°24'55"	02°45'20"	01°48'54"	0.003
27/01/2024 00:00:00	X	24°10'28" ♏	-00°47'24"	-10°54'56"	00°00'09"	95.897
27/01/2024 00:00:00	Y	29°28'45" ♏	08°22'17"	-11°55'48"	-00°00'11"	83.156
28/01/2024 00:00:00	☉	07°32'10" ♏	-18°23'08"	00°00'00"	01°00'57"	0.985
28/01/2024 00:00:00	☾	02°23'18" ♎	13°59'23"	03°36'34"	11°53'58"	0.003
28/01/2024 00:00:00	♀	17°49'50" ♏	-22°50'36"	-00°35'52"	01°25'28"	1.248
28/01/2024 00:00:00	♀	05°42'13" ♏	-22°28'54"	00°50'03"	01°13'56"	1.341
28/01/2024 00:00:00	♂	17°34'54" ♏	-23°04'45"	-00°48'11"	00°45'33"	2.334
28/01/2024 00:00:00	♃	06°53'32" ♏	12°49'16"	-01°03'04"	00°05'28"	4.903
28/01/2024 00:00:00	♅	05°59'10" ♏	-10°48'52"	-01°36'46"	00°06'44"	10.584
28/01/2024 00:00:00	♁	19°05'19" ♏	17°12'33"	-00°17'44"	00°00'02"	19.388
28/01/2024 00:00:00	♃	25°39'16" ♏	-02°51'02"	-01°13'26"	00°01'39"	30.551
28/01/2024 00:00:00	♁	00°13'33" ♏	-22°50'13"	-02°48'03"	00°01'56"	35.916
28/01/2024 00:00:00	♄	18°07'11" ♏	07°06'22"	00°00'00"	-00°09'23"	0.002
28/01/2024 00:00:00	♃	15°54'49" ♏	07°27'21"	01°17'40"	00°01'41"	19.055
28/01/2024 00:00:00	☾	12°58'39" ♎	09°30'55"	03°03'49"	00°06'40"	0.003
28/01/2024 00:00:00	♄	18°07'11" ♏	07°06'22"	00°00'00"	-00°09'23"	0.002

Ephemerides year 2024

28/01/2024 00:00:00	T♄	16°38'44" ♎	07°41'48"	02°38'00"	01°21'26"	0.003
28/01/2024 00:00:00	X	24°10'39" ♏	-00°47'13"	-10°54'47"	00°00'10"	95.914
28/01/2024 00:00:00	Y	29°28'34" ♏	08°22'23"	-11°55'39"	-00°00'10"	83.171
29/01/2024 00:00:00	☉	08°33'07" ♏	-18°07'24"	00°00'00"	01°00'56"	0.985
29/01/2024 00:00:00	☾	14°14'34" ♎	08°47'32"	02°48'33"	11°48'58"	0.003
29/01/2024 00:00:00	♀	19°15'46" ♎	-22°45'49"	-00°42'58"	01°26'21"	1.260
29/01/2024 00:00:00	♁	06°56'10" ♎	-22°28'20"	00°47'07"	01°13'57"	1.346
29/01/2024 00:00:00	♂	18°20'29" ♎	-22°59'12"	-00°48'42"	00°45'35"	2.330
29/01/2024 00:00:00	♃	06°59'06" ♏	12°51'21"	-01°02'47"	00°05'39"	4.919
29/01/2024 00:00:00	♅	06°05'56" ♏	-10°46'21"	-01°36'44"	00°06'46"	10.592
29/01/2024 00:00:00	♁	19°05'22" ♏	17°12'35"	-00°17'43"	00°00'05"	19.405
29/01/2024 00:00:00	♃	25°40'56" ♏	-02°50'21"	-01°13'25"	00°01'40"	30.564
29/01/2024 00:00:00	♁	00°15'29" ♏	-22°49'53"	-02°48'09"	00°01'56"	35.915
29/01/2024 00:00:00	♁	17°59'13" ♏	07°03'19"	00°00'00"	-00°06'31"	0.002
29/01/2024 00:00:00	♁	15°56'32" ♏	07°27'54"	01°17'32"	00°01'44"	19.071
29/01/2024 00:00:00	♁	13°05'20" ♎	09°27'42"	03°03'06"	00°06'40"	0.003
29/01/2024 00:00:00	T♁	17°59'13" ♏	07°03'19"	00°00'00"	-00°06'31"	0.002
29/01/2024 00:00:00	T♄	17°53'46" ♎	07°07'05"	02°32'09"	01°10'36"	0.003
29/01/2024 00:00:00	X	24°10'49" ♏	-00°47'00"	-10°54'38"	00°00'11"	95.930

Ephemerides year 2024

29/01/2024 00:00:00	Y	29°28'23" 	08°22'29"	-11°55'31"	-00°00'10"	83.186
30/01/2024 00:00:00		09°34'03" 	-17°51'21"	00°00'00"	01°00'55"	0.985
30/01/2024 00:00:00		26°02'16" 	03°18'32"	01°53'22"	11°47'00"	0.003
30/01/2024 00:00:00		20°42'33" 	-22°39'49"	-00°49'49"	01°27'12"	1.270
30/01/2024 00:00:00		08°10'08" 	-22°27'06"	00°44'11"	01°13'59"	1.352
30/01/2024 00:00:00		19°06'06" 	-22°53'24"	-00°49'14"	00°45'38"	2.326
30/01/2024 00:00:00		07°04'50" 	12°53'29"	-01°02'30"	00°05'49"	4.935
30/01/2024 00:00:00		06°12'43" 	-10°43'49"	-01°36'43"	00°06'48"	10.600
30/01/2024 00:00:00		19°05'29" 	17°12'38"	-00°17'41"	00°00'08"	19.422
30/01/2024 00:00:00		25°42'37" 	-02°49'39"	-01°13'24"	00°01'42"	30.577
30/01/2024 00:00:00		00°17'25" 	-22°49'34"	-02°48'14"	00°01'55"	35.913
30/01/2024 00:00:00		17°54'08" 	07°01'23"	00°00'00"	-00°03'41"	0.002
30/01/2024 00:00:00		15°58'18" 	07°28'27"	01°17'24"	00°01'47"	19.086
30/01/2024 00:00:00		13°12'00" 	09°24'28"	03°02'23"	00°06'40"	0.003
30/01/2024 00:00:00	TΩ	17°54'08" 	07°01'23"	00°00'00"	-00°03'41"	0.002
30/01/2024 00:00:00	T♄	19°02'02" 	06°35'31"	02°26'56"	01°06'02"	0.003
30/01/2024 00:00:00	X	24°11'01" 	-00°46'48"	-10°54'29"	00°00'11"	95.947
30/01/2024 00:00:00	Y	29°28'13" 	08°22'35"	-11°55'22"	-00°00'09"	83.201
31/01/2024 00:00:00		10°34'59" 	-17°34'58"	00°00'00"	01°00'55"	0.985

Ephemerides year 2024

31/01/2024 00:00:00	♃	07°49'52"	♈	-02°17'33"	00°53'10"	11°48'54"	0.003
31/01/2024 00:00:00	♆	22°10'10"	♌	-22°32'33"	-00°56'26"	01°28'01"	1.281
31/01/2024 00:00:00	♀	09°24'08"	♌	-22°25'11"	00°41'13"	01°14'00"	1.357
31/01/2024 00:00:00	♂	19°51'45"	♌	-22°47'21"	-00°49'46"	00°45'40"	2.323
31/01/2024 00:00:00	♃	07°10'45"	♉	12°55'40"	-01°02'14"	00°05'59"	4.952
31/01/2024 00:00:00	♄	06°19'32"	♈	-10°41'17"	-01°36'43"	00°06'50"	10.607
31/01/2024 00:00:00	♁	19°05'39"	♉	17°12'42"	-00°17'40"	00°00'11"	19.439
31/01/2024 00:00:00	♆	25°44'20"	♈	-02°48'57"	-01°13'22"	00°01'43"	30.589
31/01/2024 00:00:00	♁	00°19'21"	♈	-22°49'14"	-02°48'20"	00°01'55"	35.911
31/01/2024 00:00:00	♁	17°51'40"	♈	07°00'27"	00°00'00"	-00°01'20"	0.002
31/01/2024 00:00:00	♁	16°00'07"	♈	07°29'02"	01°17'17"	00°01'50"	19.102
31/01/2024 00:00:00	♁	13°18'40"	♈	09°21'14"	03°01'41"	00°06'40"	0.003
31/01/2024 00:00:00	♁	17°51'40"	♈	07°00'27"	00°00'00"	-00°01'20"	0.002
31/01/2024 00:00:00	♁	20°04'31"	♈	06°06'37"	02°22'14"	00°57'36"	0.003
31/01/2024 00:00:00	X	24°11'13"	♈	-00°46'36"	-10°54'20"	00°00'12"	95.963
31/01/2024 00:00:00	Y	29°28'04"	♈	08°22'42"	-11°55'14"	-00°00'08"	83.217
01/02/2024 00:00:00	♁	11°35'54"	♈	-17°18'17"	-00°00'00"	01°00'54"	0.985
01/02/2024 00:00:00	♃	19°41'37"	♈	-07°51'17"	-00°09'49"	11°55'25"	0.003
01/02/2024 00:00:00	♆	23°38'35"	♌	-22°24'01"	-01°02'47"	01°28'49"	1.290

Ephemerides year 2024

01/02/2024 00:00:00	♀	10°38'09" ♍	-22°22'36"	00°38'15"	01°14'01"	1.362
01/02/2024 00:00:00	♂	20°37'26" ♍	-22°41'03"	-00°50'17"	00°45'42"	2.319
01/02/2024 00:00:00	♃	07°16'50" ♋	12°57'54"	-01°01'57"	00°06'09"	4.968
01/02/2024 00:00:00	♄	06°26'24" ♋	-10°38'43"	-01°36'42"	00°06'52"	10.614
01/02/2024 00:00:00	♅	19°05'52" ♋	17°12'47"	-00°17'38"	00°00'14"	19.456
01/02/2024 00:00:00	♆	25°46'04" ♋	-02°48'15"	-01°13'21"	00°01'44"	30.602
01/02/2024 00:00:00	♁	00°21'16" ♋	-22°48'55"	-02°48'26"	00°01'55"	35.908
01/02/2024 00:00:00	♄	17°51'10" ♋	07°00'15"	00°00'00"	00°00'10"	0.002
01/02/2024 00:00:00	♅	16°01'59" ♋	07°29'38"	01°17'09"	00°01'53"	19.117
01/02/2024 00:00:00	♁	13°25'20" ♋	09°18'00"	03°00'58"	00°06'40"	0.003
01/02/2024 00:00:00	T♄	17°51'10" ♋	07°00'15"	00°00'00"	00°00'10"	0.002
01/02/2024 00:00:00	T♁	20°53'35" ♋	05°43'56"	02°18'35"	00°38'19"	0.003
01/02/2024 00:00:00	X	24°11'25" ♋	-00°46'23"	-10°54'11"	00°00'12"	95.979
01/02/2024 00:00:00	Y	29°27'56" ♋	08°22'49"	-11°55'05"	-00°00'07"	83.232
02/02/2024 00:00:00	♁	12°36'48" ♋	-17°01'17"	-00°00'00"	01°00'53"	0.985
02/02/2024 00:00:00	♃	01°42'26" ♋	-13°12'45"	-01°13'16"	12°07'06"	0.003
02/02/2024 00:00:00	♆	25°07'49" ♋	-22°14'11"	-01°08'54"	01°29'37"	1.300
02/02/2024 00:00:00	♀	11°52'11" ♋	-22°19'21"	00°35'17"	01°14'02"	1.368
02/02/2024 00:00:00	♂	21°23'10" ♋	-22°34'30"	-00°50'48"	00°45'44"	2.315

Ephemerides year 2024

02/02/2024 00:00:00	♃	07°23'05" ♎	13°00'11"	-01°01'41"	00°06'20"	4.984
02/02/2024 00:00:00	♅	06°33'17" ♏	-10°36'09"	-01°36'41"	00°06'54"	10.621
02/02/2024 00:00:00	♆	19°06'09" ♎	17°12'53"	-00°17'37"	00°00'17"	19.473
02/02/2024 00:00:00	♇	25°47'50" ♏	-02°47'32"	-01°13'20"	00°01'46"	30.614
02/02/2024 00:00:00	♁	00°23'11" ♏	-22°48'35"	-02°48'32"	00°01'54"	35.906
02/02/2024 00:00:00	♄	17°51'40" ♏	07°00'26"	00°00'00"	00°00'37"	0.002
02/02/2024 00:00:00	♃	16°03'54" ♏	07°30'15"	01°17'01"	00°01'56"	19.132
02/02/2024 00:00:00	♁	13°32'01" ♏	09°14'46"	03°00'14"	00°06'40"	0.003
02/02/2024 00:00:00	♄♁	17°51'40" ♏	07°00'26"	00°00'00"	00°00'37"	0.002
02/02/2024 00:00:00	♄♁	21°16'25" ♏	05°33'27"	02°16'58"	00°04'55"	0.003
02/02/2024 00:00:00	X	24°11'39" ♏	-00°46'10"	-10°54'03"	00°00'13"	95.995
02/02/2024 00:00:00	Y	29°27'48" ♎	08°22'55"	-11°54'57"	-00°00'07"	83.248
03/02/2024 00:00:00	♁	13°37'41" ♏	-16°43'59"	-00°00'00"	01°00'52"	0.986
03/02/2024 00:00:00	♃	13°57'38" ♏	-18°10'10"	-02°14'39"	12°24'11"	0.003
03/02/2024 00:00:00	♁	26°37'50" ♏	-22°03'04"	-01°14'45"	01°30'24"	1.309
03/02/2024 00:00:00	♁	13°06'15" ♏	-22°15'25"	00°32'19"	01°14'04"	1.373
03/02/2024 00:00:00	♁	22°08'56" ♏	-22°27'42"	-00°51'19"	00°45'46"	2.312
03/02/2024 00:00:00	♃	07°29'30" ♎	13°02'31"	-01°01'25"	00°06'30"	5.000
03/02/2024 00:00:00	♅	06°40'13" ♏	-10°33'35"	-01°36'41"	00°06'56"	10.627



Ephemerides year 2024

03/02/2024 00:00:00	♅	19°06'28" ♂	17°13'00"	-00°17'35"	00°00'21"	19.490
03/02/2024 00:00:00	♆	25°49'37" ♀	-02°46'48"	-01°13'18"	00°01'47"	30.626
03/02/2024 00:00:00	♁	00°25'06" ♁	-22°48'16"	-02°48'38"	00°01'54"	35.903
03/02/2024 00:00:00	♁	17°52'03" ♀	07°00'35"	00°00'00"	-00°00'01"	0.002
03/02/2024 00:00:00	♁	16°05'51" ♀	07°30'53"	01°16'53"	00°01'58"	19.148
03/02/2024 00:00:00	♁	13°38'41" ♀	09°11'31"	02°59'31"	00°06'40"	0.003
03/02/2024 00:00:00	♁	17°52'03" ♀	07°00'35"	00°00'00"	-00°00'01"	0.002
03/02/2024 00:00:00	♁	20°58'56" ♀	05°41'41"	02°18'26"	-00°41'48"	0.003
03/02/2024 00:00:00	X	24°11'53" ♀	-00°45'57"	-10°53'54"	00°00'14"	96.011
03/02/2024 00:00:00	Y	29°27'41" ♂	08°23'02"	-11°54'48"	-00°00'06"	83.263
04/02/2024 00:00:00	♁	14°38'33" ♁	-16°26'24"	-00°00'00"	01°00'52"	0.986
04/02/2024 00:00:00	♁	26°32'34" ♀	-22°28'45"	-03°11'12"	12°46'30"	0.003
04/02/2024 00:00:00	♁	28°08'37" ♀	-21°50'38"	-01°20'20"	01°31'10"	1.317
04/02/2024 00:00:00	♁	14°20'19" ♀	-22°10'50"	00°29'20"	01°14'05"	1.378
04/02/2024 00:00:00	♁	22°54'43" ♀	-22°20'40"	-00°51'50"	00°45'48"	2.308
04/02/2024 00:00:00	♁	07°36'05" ♂	13°04'54"	-01°01'09"	00°06'39"	5.016
04/02/2024 00:00:00	♁	06°47'10" ♀	-10°30'59"	-01°36'40"	00°06'58"	10.634
04/02/2024 00:00:00	♅	19°06'51" ♂	17°13'07"	-00°17'34"	00°00'24"	19.507
04/02/2024 00:00:00	♆	25°51'25" ♀	-02°46'04"	-01°13'17"	00°01'48"	30.637

Ephemerides year 2024

04/02/2024 00:00:00	♁	00°27'01" ♁	-22°47'57"	-02°48'44"	00°01'54"	35.899
04/02/2024 00:00:00	♁	17°51'17" ♁	07°00'18"	00°00'00"	-00°01'38"	0.002
04/02/2024 00:00:00	♁	16°07'51" ♁	07°31'32"	01°16'45"	00°02'01"	19.163
04/02/2024 00:00:00	♁	13°45'21" ♁	09°08'17"	02°58'48"	00°06'40"	0.003
04/02/2024 00:00:00	♁	17°51'17" ♁	07°00'18"	00°00'00"	-00°01'38"	0.002
04/02/2024 00:00:00	♁	19°50'15" ♁	06°13'39"	02°23'45"	-01°36'01"	0.003
04/02/2024 00:00:00	X	24°12'07" ♁	-00°45'44"	-10°53'45"	00°00'15"	96.027
04/02/2024 00:00:00	Y	29°27'35" ♁	08°23'10"	-11°54'40"	-00°00'05"	83.279
05/02/2024 00:00:00	♁	15°39'25" ♁	-16°08'31"	-00°00'00"	01°00'51"	0.986
05/02/2024 00:00:00	♁	09°32'07" ♁	-25°49'49"	-03°59'49"	13°13'12"	0.003
05/02/2024 00:00:00	♁	29°40'11" ♁	-21°36'53"	-01°25'39"	01°31'56"	1.325
05/02/2024 00:00:00	♁	15°34'25" ♁	-22°05'34"	00°26'22"	01°14'06"	1.383
05/02/2024 00:00:00	♁	23°40'33" ♁	-22°13'23"	-00°52'20"	00°45'50"	2.304
05/02/2024 00:00:00	♁	07°42'50" ♁	13°07'21"	-01°00'53"	00°06'49"	5.032
05/02/2024 00:00:00	♁	06°54'09" ♁	-10°28'23"	-01°36'40"	00°07'00"	10.640
05/02/2024 00:00:00	♁	19°07'17" ♁	17°13'16"	-00°17'33"	00°00'27"	19.524
05/02/2024 00:00:00	♁	25°53'15" ♁	-02°45'19"	-01°13'16"	00°01'50"	30.649
05/02/2024 00:00:00	♁	00°28'55" ♁	-22°47'38"	-02°48'50"	00°01'53"	35.896
05/02/2024 00:00:00	♁	17°48'34" ♁	06°59'16"	00°00'00"	-00°03'52"	0.002

Ephemerides year 2024

05/02/2024 00:00:00	♄	16°09'54" ♏	07°32'12"	01°16'38"	00°02'04"	19.178
05/02/2024 00:00:00	♁	13°52'01" ♏	09°05'02"	02°58'05"	00°06'40"	0.003
05/02/2024 00:00:00	♁♁	17°48'34" ♏	06°59'16"	00°00'00"	-00°03'52"	0.002
05/02/2024 00:00:00	♁♁	17°48'14" ♏	07°09'57"	02°32'55"	-02°26'03"	0.003
05/02/2024 00:00:00	X	24°12'23" ♏	-00°45'30"	-10°53'37"	00°00'15"	96.043
05/02/2024 00:00:00	Y	29°27'30" ♏	08°23'17"	-11°54'31"	-00°00'04"	83.295
06/02/2024 00:00:00	♁	16°40'16" ♏	-15°50'21"	-00°00'00"	01°00'50"	0.986
06/02/2024 00:00:00	♁	22°59'55" ♏	-27°51'53"	-04°37'04"	13°42'40"	0.003
06/02/2024 00:00:00	♁	01°12'31" ♏	-21°21'48"	-01°30'40"	01°32'42"	1.333
06/02/2024 00:00:00	♁	16°48'32" ♏	-21°59'39"	00°23'24"	01°14'07"	1.389
06/02/2024 00:00:00	♁	24°26'25" ♏	-22°05'51"	-00°52'51"	00°45'52"	2.301
06/02/2024 00:00:00	♁	07°49'45" ♏	13°09'49"	-01°00'37"	00°06'59"	5.048
06/02/2024 00:00:00	♁	07°01'10" ♏	-10°25'46"	-01°36'40"	00°07'01"	10.646
06/02/2024 00:00:00	♁	19°07'46" ♏	17°13'25"	-00°17'31"	00°00'30"	19.541
06/02/2024 00:00:00	♁	25°55'06" ♏	-02°44'34"	-01°13'15"	00°01'51"	30.660
06/02/2024 00:00:00	♁	00°30'48" ♏	-22°47'20"	-02°48'57"	00°01'53"	35.892
06/02/2024 00:00:00	♁	17°43'29" ♏	06°57'19"	00°00'00"	-00°06'16"	0.002
06/02/2024 00:00:00	♁	16°12'00" ♏	07°32'54"	01°16'30"	00°02'07"	19.192
06/02/2024 00:00:00	♁	13°58'42" ♏	09°01'48"	02°57'21"	00°06'40"	0.003

Ephemerides year 2024

06/02/2024 00:00:00	T♁	17°43'29" ♏	06°57'19"	00°00'00"	-00°06'16"	0.002
06/02/2024 00:00:00	T♁	15°04'26" ♏	08°24'46"	02°44'48"	-02°57'21"	0.003
06/02/2024 00:00:00	X	24°12'39" ♏	-00°45'16"	-10°53'28"	00°00'16"	96.059
06/02/2024 00:00:00	Y	29°27'26" ♏	08°23'25"	-11°54'22"	-00°00'04"	83.311
07/02/2024 00:00:00	☉	17°41'06" ♏	-15°31'55"	-00°00'00"	01°00'49"	0.986
07/02/2024 00:00:00	☾	06°57'33" ♏	-28°14'23"	-04°59'29"	14°12'23"	0.002
07/02/2024 00:00:00	♃	02°45'37" ♏	-21°05'22"	-01°35'24"	01°33'29"	1.340
07/02/2024 00:00:00	♄	18°02'40" ♏	-21°53'05"	00°20'26"	01°14'08"	1.394
07/02/2024 00:00:00	♅	25°12'19" ♏	-21°58'04"	-00°53'21"	00°45'54"	2.297
07/02/2024 00:00:00	♆	07°56'49" ♏	13°12'21"	-01°00'21"	00°07'09"	5.064
07/02/2024 00:00:00	♇	07°08'13" ♏	-10°23'09"	-01°36'40"	00°07'03"	10.651
07/02/2024 00:00:00	♈	19°08'19" ♏	17°13'35"	-00°17'30"	00°00'34"	19.558
07/02/2024 00:00:00	♉	25°56'58" ♏	-02°43'48"	-01°13'14"	00°01'52"	30.671
07/02/2024 00:00:00	♊	00°32'42" ♏	-22°47'01"	-02°49'03"	00°01'53"	35.888
07/02/2024 00:00:00	♋	17°36'09" ♏	06°54'31"	00°00'00"	-00°08'17"	0.002
07/02/2024 00:00:00	♌	16°14'08" ♏	07°33'36"	01°16'23"	00°02'09"	19.207
07/02/2024 00:00:00	♍	14°05'22" ♏	08°58'33"	02°56'38"	00°06'40"	0.003
07/02/2024 00:00:00	T♁	17°36'09" ♏	06°54'31"	00°00'00"	-00°08'17"	0.002
07/02/2024 00:00:00	T♁	12°02'58" ♏	09°46'28"	02°57'28"	-03°00'48"	0.003

Ephemerides year 2024

07/02/2024 00:00:00	X	24°12'55" ♀	-00°45'03"	-10°53'20"	00°00'16"	96.074
07/02/2024 00:00:00	Y	29°27'22" ♂	08°23'33"	-11°54'13"	-00°00'03"	83.327
08/02/2024 00:00:00	☉	18°41'55" ♋	-15°13'13"	-00°00'00"	01°00'48"	0.986
08/02/2024 00:00:00	☾	21°23'42" ♌	-26°44'18"	-05°03'56"	14°39'07"	0.002
08/02/2024 00:00:00	♁	04°19'29" ♋	-20°47'36"	-01°39'50"	01°34'15"	1.347
08/02/2024 00:00:00	♂	19°16'48" ♌	-21°45'51"	00°17'28"	01°14'08"	1.399
08/02/2024 00:00:00	♂	25°58'15" ♌	-21°50'04"	-00°53'51"	00°45'56"	2.293
08/02/2024 00:00:00	♃	08°04'03" ♂	13°14'56"	-01°00'05"	00°07'18"	5.079
08/02/2024 00:00:00	♅	07°15'17" ♋	-10°20'31"	-01°36'40"	00°07'04"	10.657
08/02/2024 00:00:00	♁	19°08'54" ♂	17°13'47"	-00°17'28"	00°00'37"	19.575
08/02/2024 00:00:00	♃	25°58'51" ♋	-02°43'02"	-01°13'13"	00°01'53"	30.681
08/02/2024 00:00:00	♁	00°34'35" ♋	-22°46'43"	-02°49'10"	00°01'52"	35.883
08/02/2024 00:00:00	♁	17°27'11" ♀	06°51'06"	00°00'00"	-00°09'27"	0.002
08/02/2024 00:00:00	♁	16°16'19" ♀	07°34'20"	01°16'15"	00°02'12"	19.221
08/02/2024 00:00:00	♁	14°12'03" ♋	08°55'18"	02°55'54"	00°06'40"	0.003
08/02/2024 00:00:00	T♁	17°27'11" ♀	06°51'06"	00°00'00"	-00°09'27"	0.002
08/02/2024 00:00:00	T♁	09°10'51" ♋	11°02'41"	03°09'00"	-02°40'31"	0.003
08/02/2024 00:00:00	X	24°13'13" ♀	-00°44'49"	-10°53'11"	00°00'17"	96.090
08/02/2024 00:00:00	Y	29°27'19" ♂	08°23'41"	-11°54'05"	-00°00'02"	83.342

Ephemerides year 2024

09/02/2024 00:00:00	☉	19°42'43" ♊	-14°54'16"	-00°00'00"	01°00'47"	0.986
09/02/2024 00:00:00	☾	06°13'38" ♊	-23°22'02"	-04°48'25"	14°59'24"	0.002
09/02/2024 00:00:00	♀	05°54'08" ♊	-20°28'29"	-01°43'58"	01°35'02"	1.353
09/02/2024 00:00:00	♀	20°30'58" ♋	-21°37'58"	00°14'31"	01°14'09"	1.404
09/02/2024 00:00:00	♂	26°44'12" ♋	-21°41'49"	-00°54'21"	00°45'58"	2.290
09/02/2024 00:00:00	♃	08°11'26" ♋	13°17'33"	-00°59'50"	00°07'27"	5.095
09/02/2024 00:00:00	♄	07°22'23" ♋	-10°17'53"	-01°36'40"	00°07'06"	10.662
09/02/2024 00:00:00	♅	19°09'33" ♋	17°13'59"	-00°17'27"	00°00'40"	19.592
09/02/2024 00:00:00	♆	26°00'46" ♋	-02°42'16"	-01°13'12"	00°01'55"	30.692
09/02/2024 00:00:00	♁	00°36'27" ♊	-22°46'24"	-02°49'16"	00°01'52"	35.879
09/02/2024 00:00:00	♁	17°17'37" ♋	06°47'26"	00°00'00"	-00°09'28"	0.002
09/02/2024 00:00:00	♂	16°18'33" ♋	07°35'04"	01°16'08"	00°02'14"	19.236
09/02/2024 00:00:00	♁	14°18'43" ♋	08°52'02"	02°55'10"	00°06'40"	0.003
09/02/2024 00:00:00	♁	17°17'37" ♋	06°47'26"	00°00'00"	-00°09'28"	0.002
09/02/2024 00:00:00	♁	06°44'39" ♋	12°06'23"	03°18'28"	-02°12'05"	0.003
09/02/2024 00:00:00	X	24°13'31" ♋	-00°44'34"	-10°53'03"	00°00'18"	96.105
09/02/2024 00:00:00	Y	29°27'17" ♋	08°23'49"	-11°53'56"	-00°00'01"	83.358
10/02/2024 00:00:00	☉	20°43'30" ♊	-14°35'03"	-00°00'00"	01°00'46"	0.987
10/02/2024 00:00:00	☾	21°19'24" ♊	-18°22'41"	-04°12'43"	15°10'27"	0.002

Ephemerides year 2024

10/02/2024 00:00:00	♀	07°29'33" ♊	-20°08'00"	-01°47'47"	01°35'49"	1.359
10/02/2024 00:00:00	♀	21°45'08" ♋	-21°29'26"	00°11'35"	01°14'10"	1.409
10/02/2024 00:00:00	♂	27°30'11" ♋	-21°33'19"	-00°54'50"	00°46'00"	2.286
10/02/2024 00:00:00	♃	08°18'58" ♋	13°20'13"	-00°59'34"	00°07'36"	5.111
10/02/2024 00:00:00	♅	07°29'29" ♋	-10°15'14"	-01°36'41"	00°07'07"	10.667
10/02/2024 00:00:00	♁	19°10'15" ♋	17°14'11"	-00°17'25"	00°00'43"	19.609
10/02/2024 00:00:00	♃	26°02'42" ♋	-02°41'29"	-01°13'11"	00°01'56"	30.702
10/02/2024 00:00:00	♁	00°38'19" ♊	-22°46'06"	-02°49'23"	00°01'51"	35.874
10/02/2024 00:00:00	♁	17°08'38" ♋	06°44'00"	00°00'00"	-00°08'18"	0.002
10/02/2024 00:00:00	♁	16°20'49" ♋	07°35'50"	01°16'00"	00°02'17"	19.250
10/02/2024 00:00:00	♁	14°25'23" ♋	08°48'47"	02°54'27"	00°06'40"	0.003
10/02/2024 00:00:00	T♁	17°08'38" ♋	06°44'00"	00°00'00"	-00°08'18"	0.002
10/02/2024 00:00:00	T♁	04°43'34" ♋	12°58'27"	03°26'10"	-01°52'41"	0.003
10/02/2024 00:00:00	X	24°13'49" ♋	-00°44'20"	-10°52'54"	00°00'18"	96.120
10/02/2024 00:00:00	Y	29°27'15" ♋	08°23'58"	-11°53'47"	-00°00'01"	83.375
11/02/2024 00:00:00	♁	21°44'15" ♊	-14°15'36"	-00°00'00"	01°00'44"	0.987
11/02/2024 00:00:00	♃	06°30'59" ♋	-12°11'54"	-03°18'55"	15°10'56"	0.002
11/02/2024 00:00:00	♀	09°05'46" ♊	-19°46'09"	-01°51'17"	01°36'36"	1.364
11/02/2024 00:00:00	♀	22°59'18" ♋	-21°20'15"	00°08'39"	01°14'10"	1.414

Ephemerides year 2024

11/02/2024 00:00:00	♂	28°16'12" ♍	-21°24'36"	-00°55'19"	00°46'01"	2.282
11/02/2024 00:00:00	♃	08°26'40" ♏	13°22'55"	-00°59'19"	00°07'45"	5.127
11/02/2024 00:00:00	♅	07°36'38" ♋	-10°12'35"	-01°36'41"	00°07'08"	10.671
11/02/2024 00:00:00	♁	19°11'00" ♏	17°14'25"	-00°17'24"	00°00'46"	19.626
11/02/2024 00:00:00	♆	26°04'38" ♋	-02°40'42"	-01°13'10"	00°01'57"	30.712
11/02/2024 00:00:00	♁	00°40'10" ♁	-22°45'49"	-02°49'29"	00°01'50"	35.868
11/02/2024 00:00:00	♁	17°01'19" ♏r	06°41'12"	00°00'00"	-00°06'12"	0.002
11/02/2024 00:00:00	♃	16°23'07" ♏	07°36'36"	01°15'53"	00°02'19"	19.264
11/02/2024 00:00:00	♁	14°32'03" ♎	08°45'32"	02°53'43"	00°06'40"	0.003
11/02/2024 00:00:00	T♁	17°01'19" ♏r	06°41'12"	00°00'00"	-00°06'12"	0.002
11/02/2024 00:00:00	T♁	02°52'57" ♎r	13°45'32"	03°33'15"	-01°51'49"	0.003
11/02/2024 00:00:00	X	24°14'08" ♏	-00°44'05"	-10°52'46"	00°00'19"	96.136
11/02/2024 00:00:00	Y	29°27'14" ♏r	08°24'06"	-11°53'38"	-00°00'00"	83.391
12/02/2024 00:00:00	♁	22°44'59" ♁	-13°55'54"	-00°00'00"	01°00'43"	0.987
12/02/2024 00:00:00	♃	21°37'57" ♋	-05°19'43"	-02°11'17"	15°01'27"	0.002
12/02/2024 00:00:00	♁	10°42'47" ♁	-19°22'57"	-01°54'27"	01°37'25"	1.369
12/02/2024 00:00:00	♀	24°13'29" ♍	-21°10'27"	00°05'44"	01°14'10"	1.419
12/02/2024 00:00:00	♂	29°02'15" ♍	-21°15'39"	-00°55'48"	00°46'03"	2.278
12/02/2024 00:00:00	♃	08°34'30" ♏	13°25'40"	-00°59'04"	00°07'54"	5.143



Ephemerides year 2024

12/02/2024 00:00:00	♄	07°43'47" ♈	-10°09'55"	-01°36'42"	00°07'09"	10.676
12/02/2024 00:00:00	♅	19°11'48" ♉	17°14'39"	-00°17'23"	00°00'49"	19.643
12/02/2024 00:00:00	♆	26°06'36" ♊	-02°39'54"	-01°13'09"	00°01'58"	30.722
12/02/2024 00:00:00	♇	00°42'00" ♋	-22°45'31"	-02°49'36"	00°01'50"	35.863
12/02/2024 00:00:00	♈	16°56'21" ♈	06°39'18"	00°00'00"	-00°03'41"	0.002
12/02/2024 00:00:00	♉	16°25'28" ♉	07°37'24"	01°15'45"	00°02'22"	19.277
12/02/2024 00:00:00	♊	14°38'43" ♊	08°42'16"	02°52'59"	00°06'40"	0.003
12/02/2024 00:00:00	♋	16°56'21" ♋	06°39'18"	00°00'00"	-00°03'41"	0.002
12/02/2024 00:00:00	♌	00°54'21" ♌	14°35'28"	03°40'52"	-02°07'16"	0.003
12/02/2024 00:00:00	X	24°14'27" ♈	-00°43'51"	-10°52'38"	00°00'19"	96.151
12/02/2024 00:00:00	Y	29°27'14" ♉	08°24'15"	-11°53'29"	00°00'00"	83.407
13/02/2024 00:00:00	♍	23°45'42" ♌	-13°35'59"	-00°00'00"	01°00'41"	0.987
13/02/2024 00:00:00	♎	06°31'18" ♈	01°44'25"	-00°55'27"	14°44'08"	0.002
13/02/2024 00:00:00	♏	12°20'37" ♌	-18°58'21"	-01°57'16"	01°38'14"	1.373
13/02/2024 00:00:00	♐	25°27'40" ♏	-21°00'01"	00°02'51"	01°14'11"	1.424
13/02/2024 00:00:00	♑	29°48'19" ♏	-21°06'28"	-00°56'17"	00°46'04"	2.275
13/02/2024 00:00:00	♒	08°42'29" ♏	13°28'28"	-00°58'49"	00°08'03"	5.158
13/02/2024 00:00:00	♄	07°50'57" ♈	-10°07'14"	-01°36'43"	00°07'11"	10.680
13/02/2024 00:00:00	♅	19°12'39" ♉	17°14'55"	-00°17'21"	00°00'52"	19.660

Ephemerides year 2024

13/02/2024 00:00:00	♁	26°08'35"	♈	-02°39'06"	-01°13'08"	00°01'59"	30.731
13/02/2024 00:00:00	♁	00°43'50"	♍	-22°45'14"	-02°49'43"	00°01'49"	35.857
13/02/2024 00:00:00	♁	16°53'53"	♈	06°38'21"	00°00'00"	-00°01'18"	0.002
13/02/2024 00:00:00	♁	16°27'52"	♈	07°38'12"	01°15'38"	00°02'24"	19.291
13/02/2024 00:00:00	♁	14°45'23"	♎	08°39'01"	02°52'15"	00°06'40"	0.003
13/02/2024 00:00:00	T♁	16°53'53"	♈	06°38'21"	00°00'00"	-00°01'18"	0.002
13/02/2024 00:00:00	T♁	28°37'33"	♏	15°32'06"	03°49'30"	-02°25'05"	0.003
13/02/2024 00:00:00	X	24°14'47"	♈	-00°43'36"	-10°52'30"	00°00'20"	96.165
13/02/2024 00:00:00	Y	29°27'15"	♏	08°24'24"	-11°53'20"	00°00'01"	83.423
14/02/2024 00:00:00	♁	24°46'23"	♍	-13°15'50"	-00°00'00"	01°00'39"	0.987
14/02/2024 00:00:00	♁	21°04'37"	♈	08°34'19"	00°22'31"	14°21'57"	0.002
14/02/2024 00:00:00	♁	13°59'16"	♍	-18°32'23"	-01°59'44"	01°39'04"	1.377
14/02/2024 00:00:00	♁	26°41'51"	♎	-20°48'57"	-00°00'01"	01°14'11"	1.429
14/02/2024 00:00:00	♁	00°34'24"	♍	-20°57'03"	-00°56'45"	00°46'06"	2.271
14/02/2024 00:00:00	♁	08°50'37"	♏	13°31'17"	-00°58'34"	00°08'12"	5.174
14/02/2024 00:00:00	♁	07°58'09"	♈	-10°04'34"	-01°36'44"	00°07'12"	10.684
14/02/2024 00:00:00	♁	19°13'33"	♏	17°15'11"	-00°17'20"	00°00'55"	19.677
14/02/2024 00:00:00	♁	26°10'34"	♈	-02°38'18"	-01°13'07"	00°02'00"	30.741
14/02/2024 00:00:00	♁	00°45'39"	♍	-22°44'56"	-02°49'50"	00°01'48"	35.851

Ephemerides year 2024

14/02/2024 00:00:00	♏	16°53'30" ♀	06°38'13"	00°00'00"	00°00'24"	0.002
14/02/2024 00:00:00	♋	16°30'17" ♀	07°39'02"	01°15'31"	00°02'26"	19.304
14/02/2024 00:00:00	♌	14°52'03" ♀	08°35'45"	02°51'31"	00°06'40"	0.003
14/02/2024 00:00:00	♏	16°53'30" ♀	06°38'13"	00°00'00"	00°00'24"	0.002
14/02/2024 00:00:00	♌	26°10'04" ♀	16°31'48"	03°58'27"	-02°25'24"	0.003
14/02/2024 00:00:00	X	24°15'08" ♀	-00°43'21"	-10°52'22"	00°00'20"	96.180
14/02/2024 00:00:00	Y	29°27'16" ♂	08°24'33"	-11°53'11"	00°00'01"	83.439
15/02/2024 00:00:00	♏	25°47'02" ♀	-12°55'28"	00°00'00"	01°00'38"	0.988
15/02/2024 00:00:00	♎	05°14'35" ♂	14°47'43"	01°37'10"	13°57'52"	0.002
15/02/2024 00:00:00	♌	15°38'45" ♀	-18°05'02"	-02°01'51"	01°39'54"	1.381
15/02/2024 00:00:00	♌	27°56'03" ♀	-20°37'16"	-00°02'53"	01°14'12"	1.434
15/02/2024 00:00:00	♌	01°20'31" ♀	-20°47'25"	-00°57'14"	00°46'07"	2.267
15/02/2024 00:00:00	♌	08°58'54" ♂	13°34'09"	-00°58'19"	00°08'20"	5.189
15/02/2024 00:00:00	♌	08°05'22" ♀	-10°01'53"	-01°36'45"	00°07'13"	10.687
15/02/2024 00:00:00	♌	19°14'30" ♂	17°15'28"	-00°17'18"	00°00'58"	19.694
15/02/2024 00:00:00	♌	26°12'35" ♀	-02°37'29"	-01°13'06"	00°02'01"	30.750
15/02/2024 00:00:00	♌	00°47'27" ♀	-22°44'39"	-02°49'57"	00°01'48"	35.845
15/02/2024 00:00:00	♏	16°54'21" ♀	06°38'32"	00°00'00"	00°01'07"	0.002
15/02/2024 00:00:00	♋	16°32'45" ♀	07°39'52"	01°15'24"	00°02'29"	19.318

Ephemerides year 2024

15/02/2024 00:00:00	☾	14°58'43" ♎	08°32'29"	02°50'47"	00°06'40"	0.003
15/02/2024 00:00:00	♁	16°54'21" ♏	06°38'32"	00°00'00"	00°01'07"	0.002
15/02/2024 00:00:00	♁	23°57'26" ♏	17°24'08"	04°06'09"	-01°54'13"	0.003
15/02/2024 00:00:00	X	24°15'29" ♏	-00°43'06"	-10°52'14"	00°00'21"	96.195
15/02/2024 00:00:00	Y	29°27'19" ♏	08°24'42"	-11°53'02"	00°00'02"	83.455
16/02/2024 00:00:00	☉	26°47'39" ♏	-12°34'54"	00°00'00"	01°00'36"	0.988
16/02/2024 00:00:00	☾	19°00'32" ♏	20°06'03"	02°44'05"	13°34'14"	0.003
16/02/2024 00:00:00	♀	17°19'06" ♏	-17°36'18"	-02°03'35"	01°40'46"	1.384
16/02/2024 00:00:00	♀	29°10'15" ♏	-20°24'59"	-00°05'43"	01°14'12"	1.439
16/02/2024 00:00:00	♂	02°06'39" ♏	-20°37'33"	-00°57'42"	00°46'09"	2.263
16/02/2024 00:00:00	♃	09°07'19" ♏	13°37'04"	-00°58'04"	00°08'29"	5.205
16/02/2024 00:00:00	♃	08°12'35" ♏	-09°59'11"	-01°36'46"	00°07'14"	10.691
16/02/2024 00:00:00	♃	19°15'30" ♏	17°15'45"	-00°17'17"	00°01'01"	19.711
16/02/2024 00:00:00	♃	26°14'37" ♏	-02°36'40"	-01°13'05"	00°02'02"	30.759
16/02/2024 00:00:00	♃	00°49'15" ♏	-22°44'22"	-02°50'04"	00°01'47"	35.838
16/02/2024 00:00:00	♁	16°55'22" ♏	06°38'55"	00°00'00"	00°00'44"	0.002
16/02/2024 00:00:00	♃	16°35'16" ♏	07°40'43"	01°15'17"	00°02'31"	19.331
16/02/2024 00:00:00	☾	15°05'24" ♎	08°29'13"	02°50'02"	00°06'40"	0.003
16/02/2024 00:00:00	♁	16°55'22" ♏	06°38'55"	00°00'00"	00°00'44"	0.002

Ephemerides year 2024

16/02/2024 00:00:00	T♄	22°31'40" ♏	17°57'14"	04°10'54"	-00°53'20"	0.003
16/02/2024 00:00:00	X	24°15'51" ♏	-00°42'51"	-10°52'06"	00°00'22"	96.209
16/02/2024 00:00:00	Y	29°27'22" ♏	08°24'51"	-11°52'53"	00°00'03"	83.472
17/02/2024 00:00:00	☉	27°48'15" ♍	-12°14'08"	00°00'00"	01°00'34"	0.988
17/02/2024 00:00:00	☾	02°23'45" ♏	24°14'03" ♁	03°40'06"	13°12'36"	0.003
17/02/2024 00:00:00	♀	19°00'19" ♍	-17°06'12"	-02°04'56"	01°41'38"	1.386
17/02/2024 00:00:00	♀	00°24'28" ♍	-20°12'06"	-00°08'32"	01°14'12"	1.444
17/02/2024 00:00:00	♂	02°52'49" ♍	-20°27'28"	-00°58'10"	00°46'10"	2.260
17/02/2024 00:00:00	♃	09°15'53" ♏	13°40'01"	-00°57'50"	00°08'37"	5.220
17/02/2024 00:00:00	♅	08°19'50" ♏	-09°56'30"	-01°36'47"	00°07'15"	10.694
17/02/2024 00:00:00	♁	19°16'34" ♏	17°16'04"	-00°17'15"	00°01'04"	19.728
17/02/2024 00:00:00	♂	26°16'40" ♏	-02°35'51"	-01°13'05"	00°02'03"	30.767
17/02/2024 00:00:00	♁	00°51'02" ♍	-22°44'06"	-02°50'11"	00°01'46"	35.831
17/02/2024 00:00:00	♁	16°55'30" ♏	06°38'58"	00°00'00"	-00°00'35"	0.002
17/02/2024 00:00:00	♁	16°37'48" ♏	07°41'36"	01°15'10"	00°02'33"	19.344
17/02/2024 00:00:00	♁	15°12'04" ♏	08°25'56"	02°49'18"	00°06'40"	0.003
17/02/2024 00:00:00	T♁	16°55'30" ♏	06°38'58"	00°00'00"	-00°00'35"	0.002
17/02/2024 00:00:00	T♄	22°15'47" ♏	18°03'17"	04°11'45"	00°22'35"	0.003
17/02/2024 00:00:00	X	24°16'13" ♏	-00°42'36"	-10°51'58"	00°00'22"	96.223

Ephemerides year 2024

17/02/2024 00:00:00	Y	29°27'25" ♄	08°25'01"	-11°52'44"	00°00'04"	83.488
18/02/2024 00:00:00	☉	28°48'49" ♁	-11°53'10"	00°00'00"	01°00'33"	0.988
18/02/2024 00:00:00	☾	15°26'42" ♀	27°00'09" ♁	04°23'08"	12°53'47"	0.003
18/02/2024 00:00:00	♁	20°42'24" ♁	-16°34'42"	-02°05'54"	01°42'32"	1.388
18/02/2024 00:00:00	♂	01°38'41" ♁	-19°58'37"	-00°11'19"	01°14'12"	1.449
18/02/2024 00:00:00	♂	03°39'01" ♁	-20°17'10"	-00°58'37"	00°46'12"	2.256
18/02/2024 00:00:00	♃	09°24'34" ♄	13°42'59"	-00°57'35"	00°08'45"	5.235
18/02/2024 00:00:00	♅	08°27'05" ♃	-09°53'48"	-01°36'49"	00°07'15"	10.697
18/02/2024 00:00:00	♁	19°17'40" ♄	17°16'23"	-00°17'14"	00°01'08"	19.745
18/02/2024 00:00:00	♁	26°18'43" ♃	-02°35'01"	-01°13'04"	00°02'04"	30.775
18/02/2024 00:00:00	♁	00°52'49" ♁	-22°43'49"	-02°50'18"	00°01'46"	35.824
18/02/2024 00:00:00	♁	16°53'58" ♃	06°38'23"	00°00'00"	-00°02'33"	0.002
18/02/2024 00:00:00	♁	16°40'23" ♃	07°42'29"	01°15'03"	00°02'36"	19.356
18/02/2024 00:00:00	♁	15°18'44" ♃	08°22'40"	02°48'33"	00°06'40"	0.003
18/02/2024 00:00:00	T♁	16°53'58" ♃	06°38'23"	00°00'00"	-00°02'33"	0.002
18/02/2024 00:00:00	T♁	23°16'16" ♃	17°40'04"	04°08'25"	01°36'59"	0.003
18/02/2024 00:00:00	X	24°16'36" ♃	-00°42'20"	-10°51'50"	00°00'23"	96.237
18/02/2024 00:00:00	Y	29°27'30" ♄	08°25'10"	-11°52'35"	00°00'05"	83.504
19/02/2024 00:00:00	☉	29°49'21" ♁	-11°32'01"	00°00'00"	01°00'31"	0.988

Ephemerides year 2024

19/02/2024 00:00:00	♃	28°12'20" ♀	28°17'34" ♀	04°52'01"	12°37'57"	0.003
19/02/2024 00:00:00	♃	22°25'23" ♀	-16°01'49"	-02°06'27"	01°43'26"	1.389
19/02/2024 00:00:00	♃	02°52'54" ♀	-19°44'33"	-00°14'05"	01°14'13"	1.453
19/02/2024 00:00:00	♃	04°25'14" ♀	-20°06'39"	-00°59'04"	00°46'13"	2.252
19/02/2024 00:00:00	♃	09°33'24" ♀	13°46'01"	-00°57'21"	00°08'53"	5.250
19/02/2024 00:00:00	♃	08°34'21" ♀	-09°51'05"	-01°36'50"	00°07'16"	10.699
19/02/2024 00:00:00	♃	19°18'50" ♀	17°16'44"	-00°17'13"	00°01'11"	19.762
19/02/2024 00:00:00	♃	26°20'48" ♀	-02°34'11"	-01°13'03"	00°02'05"	30.783
19/02/2024 00:00:00	♃	00°54'34" ♀	-22°43'33"	-02°50'26"	00°01'45"	35.817
19/02/2024 00:00:00	♃	16°50'19" ♀	06°36'59"	00°00'00"	-00°04'43"	0.002
19/02/2024 00:00:00	♃	16°43'01" ♀	07°43'23"	01°14'56"	00°02'38"	19.369
19/02/2024 00:00:00	♃	15°25'24" ♀	08°19'24"	02°47'49"	00°06'40"	0.003
19/02/2024 00:00:00	♃	16°50'19" ♀	06°36'59"	00°00'00"	-00°04'43"	0.002
19/02/2024 00:00:00	♃	25°25'26" ♀	16°49'33"	04°01'04"	02°38'36"	0.003
19/02/2024 00:00:00	♃	24°17'00" ♀	-00°42'05"	-10°51'42"	00°00'23"	96.251
19/02/2024 00:00:00	♃	29°27'36" ♀	08°25'20"	-11°52'26"	00°00'05"	83.521
20/02/2024 00:00:00	♃	00°49'52" ♀	-11°10'41"	00°00'00"	01°00'29"	0.989
20/02/2024 00:00:00	♃	10°43'34" ♀	28°05'34" ♀	05°06'17"	12°24'57"	0.003
20/02/2024 00:00:00	♃	24°09'17" ♀	-15°27'33"	-02°06'35"	01°44'21"	1.390

Ephemerides year 2024

20/02/2024 00:00:00	♀	04°07'07" ♊	-19°29'55"	-00°16'49"	01°14'13"	1.458
20/02/2024 00:00:00	♂	05°11'28" ♊	-19°55'55"	-00°59'32"	00°46'14"	2.248
20/02/2024 00:00:00	♃	09°42'22" ♉	13°49'04"	-00°57'07"	00°09'01"	5.265
20/02/2024 00:00:00	♅	08°41'38" ♋	-09°48'23"	-01°36'52"	00°07'17"	10.702
20/02/2024 00:00:00	♁	19°20'02" ♈	17°17'05"	-00°17'11"	00°01'13"	19.779
20/02/2024 00:00:00	♃	26°22'53" ♋	-02°33'20"	-01°13'02"	00°02'05"	30.791
20/02/2024 00:00:00	♁	00°56'19" ♊	-22°43'17"	-02°50'33"	00°01'44"	35.809
20/02/2024 00:00:00	♁	16°44'36" ♋	06°34'48"	00°00'00"	-00°06'39"	0.002
20/02/2024 00:00:00	♃	16°45'40" ♋	07°44'18"	01°14'49"	00°02'40"	19.381
20/02/2024 00:00:00	♁	15°32'04" ♋	08°16'07"	02°47'04"	00°06'40"	0.003
20/02/2024 00:00:00	♁	16°44'36" ♋	06°34'48"	00°00'00"	-00°06'39"	0.002
20/02/2024 00:00:00	♁	28°27'23" ♋	15°36'19"	03°50'10"	03°22'02"	0.003
20/02/2024 00:00:00	X	24°17'24" ♋	-00°41'49"	-10°51'34"	00°00'24"	96.265
20/02/2024 00:00:00	Y	29°27'42" ♉	08°25'30"	-11°52'17"	00°00'06"	83.537
21/02/2024 00:00:00	♁	01°50'20" ♋	-10°49'11"	00°00'00"	01°00'27"	0.989
21/02/2024 00:00:00	♃	23°03'04" ♋	26°29'45"	05°06'03"	12°14'24"	0.003
21/02/2024 00:00:00	♁	25°54'06" ♊	-14°51'54"	-02°06'18"	01°45'16"	1.390
21/02/2024 00:00:00	♀	05°21'21" ♊	-19°14'43"	-00°19'31"	01°14'13"	1.463
21/02/2024 00:00:00	♂	05°57'43" ♊	-19°44'58"	-00°59'58"	00°46'16"	2.244



Ephemerides year 2024

21/02/2024 00:00:00	♃	09°51'28" ♂	13°52'09"	-00°56'53"	00°09'09"	5.280
21/02/2024 00:00:00	♅	08°48'56" ♀	-09°45'40"	-01°36'54"	00°07'17"	10.704
21/02/2024 00:00:00	♁	19°21'18" ♂	17°17'27"	-00°17'10"	00°01'16"	19.795
21/02/2024 00:00:00	♆	26°25'00" ♀	-02°32'30"	-01°13'02"	00°02'06"	30.799
21/02/2024 00:00:00	♁	00°58'03" ♁	-22°43'01"	-02°50'40"	00°01'43"	35.801
21/02/2024 00:00:00	♁	16°37'11" ♀	06°31'57"	00°00'00"	-00°08'02"	0.002
21/02/2024 00:00:00	♁	16°48'21" ♀	07°45'13"	01°14'42"	00°02'42"	19.393
21/02/2024 00:00:00	♁	15°38'44" ♁	08°12'50"	02°46'20"	00°06'40"	0.003
21/02/2024 00:00:00	♁	16°37'11" ♀	06°31'57"	00°00'00"	-00°08'02"	0.002
21/02/2024 00:00:00	♁	02°02'53" ♁	14°06'39"	03°36'26"	03°45'41"	0.003
21/02/2024 00:00:00	X	24°17'48" ♀	-00°41'33"	-10°51'27"	00°00'24"	96.278
21/02/2024 00:00:00	Y	29°27'49" ♂	08°25'40"	-11°52'09"	00°00'07"	83.553
22/02/2024 00:00:00	♁	02°50'47" ♀	-10°27'31"	00°00'00"	01°00'26"	0.989
22/02/2024 00:00:00	♁	05°13'03" ♁	23°40'42" ♁	04°51'54"	12°05'52"	0.003
22/02/2024 00:00:00	♁	27°39'51" ♁	-14°14'52"	-02°05'34"	01°46'13"	1.390
22/02/2024 00:00:00	♁	06°35'34" ♁	-18°58'57"	-00°22'11"	01°14'13"	1.467
22/02/2024 00:00:00	♁	06°44'00" ♁	-19°33'49"	-01°00'25"	00°46'17"	2.240
22/02/2024 00:00:00	♃	10°00'41" ♂	13°55'16"	-00°56'39"	00°09'17"	5.295
22/02/2024 00:00:00	♅	08°56'14" ♀	-09°42'57"	-01°36'56"	00°07'18"	10.705

Ephemerides year 2024

22/02/2024 00:00:00	♃	19°22'36"	♏	17°17'49"	-00°17'09"	00°01'19"	19.812
22/02/2024 00:00:00	♃	26°27'06"	♃	-02°31'39"	-01°13'01"	00°02'07"	30.806
22/02/2024 00:00:00	♃	00°59'46"	♁	-22°42'46"	-02°50'48"	00°01'42"	35.793
22/02/2024 00:00:00	♁	16°28'48"	♄	06°28'44"	00°00'00"	-00°08'36"	0.002
22/02/2024 00:00:00	♃	16°51'05"	♄	07°46'10"	01°14'35"	00°02'44"	19.405
22/02/2024 00:00:00	♁	15°45'24"	♃	08°09'33"	02°45'35"	00°06'40"	0.003
22/02/2024 00:00:00	T♁	16°28'48"	♄	06°28'44"	00°00'00"	-00°08'36"	0.002
22/02/2024 00:00:00	T♁	05°52'33"	♃	12°28'00"	03°20'52"	03°50'48"	0.003
22/02/2024 00:00:00	X	24°18'13"	♄	-00°41'17"	-10°51'19"	00°00'25"	96.292
22/02/2024 00:00:00	Y	29°27'56"	♏	08°25'51"	-11°52'00"	00°00'08"	83.569
23/02/2024 00:00:00	♁	03°51'12"	♃	-10°05'41"	00°00'00"	01°00'24"	0.989
23/02/2024 00:00:00	♃	17°15'23"	♁	19°51'50"	04°24'51"	11°59'03"	0.003
23/02/2024 00:00:00	♁	29°26'33"	♁	-13°36'29"	-02°04'22"	01°47'09"	1.389
23/02/2024 00:00:00	♁	07°49'49"	♁	-18°42'38"	-00°24'50"	01°14'14"	1.472
23/02/2024 00:00:00	♁	07°30'18"	♁	-19°22'27"	-01°00'51"	00°46'18"	2.237
23/02/2024 00:00:00	♁	10°10'02"	♏	13°58'25"	-00°56'25"	00°09'24"	5.310
23/02/2024 00:00:00	♃	09°03'32"	♃	-09°40'14"	-01°36'58"	00°07'18"	10.707
23/02/2024 00:00:00	♃	19°23'57"	♏	17°18'13"	-00°17'07"	00°01'22"	19.829
23/02/2024 00:00:00	♃	26°29'14"	♃	-02°30'47"	-01°13'01"	00°02'07"	30.813

Ephemerides year 2024

23/02/2024 00:00:00	♁	01°01'29" ♁	-22°42'30"	-02°50'56"	00°01'41"	35.785
23/02/2024 00:00:00	♁	16°20'15" ♁	06°25'27"	00°00'00"	-00°08'19"	0.002
23/02/2024 00:00:00	♁	16°53'50" ♁	07°47'07"	01°14'28"	00°02'46"	19.417
23/02/2024 00:00:00	♁	15°52'04" ♁	08°06'16"	02°44'50"	00°06'39"	0.003
23/02/2024 00:00:00	♁	16°20'15" ♁	06°25'27"	00°00'00"	-00°08'19"	0.002
23/02/2024 00:00:00	♁	09°39'41" ♁	10°47'41"	03°04'35"	03°41'36"	0.003
23/02/2024 00:00:00	X	24°18'39" ♁	-00°41'01"	-10°51'12"	00°00'25"	96.305
23/02/2024 00:00:00	Y	29°28'05" ♁	08°26'01"	-11°51'51"	00°00'08"	83.586
24/02/2024 00:00:00	♁	04°51'36" ♁	-09°43'43"	00°00'00"	01°00'22"	0.989
24/02/2024 00:00:00	♁	29°11'40" ♁	15°17'07"	03°46'20"	11°53'47"	0.003
24/02/2024 00:00:00	♁	01°14'11" ♁	-12°56'44"	-02°02'42"	01°48'06"	1.387
24/02/2024 00:00:00	♁	09°04'03" ♁	-18°25'46"	-00°27'26"	01°14'14"	1.477
24/02/2024 00:00:00	♁	08°16'38" ♁	-19°10'53"	-01°01'17"	00°46'20"	2.233
24/02/2024 00:00:00	♁	10°19'30" ♁	14°01'36"	-00°56'11"	00°09'31"	5.325
24/02/2024 00:00:00	♁	09°10'51" ♁	-09°37'31"	-01°37'00"	00°07'18"	10.708
24/02/2024 00:00:00	♁	19°25'21" ♁	17°18'37"	-00°17'06"	00°01'25"	19.845
24/02/2024 00:00:00	♁	26°31'22" ♁	-02°29'56"	-01°13'00"	00°02'08"	30.819
24/02/2024 00:00:00	♁	01°03'10" ♁	-22°42'15"	-02°51'03"	00°01'40"	35.776
24/02/2024 00:00:00	♁	16°12'24" ♁	06°22'26"	00°00'00"	-00°07'15"	0.002

Ephemerides year 2024

24/02/2024 00:00:00	♄	16°56'38" ♀	07°48'05"	01°14'22"	00°02'48"	19.428
24/02/2024 00:00:00	♁	15°58'44" ♀	08°02'59"	02°44'05"	00°06'39"	0.003
24/02/2024 00:00:00	♁♁	16°12'24" ♀	06°22'26"	00°00'00"	-00°07'15"	0.002
24/02/2024 00:00:00	♁♁	13°13'22" ♀	09°11'10"	02°48'33"	03°25'15"	0.003
24/02/2024 00:00:00	X	24°19'05" ♀	-00°40'45"	-10°51'04"	00°00'26"	96.318
24/02/2024 00:00:00	Y	29°28'14" ♂	08°26'12"	-11°51'42"	00°00'09"	83.602
25/02/2024 00:00:00	♁	05°51'58" ♀	-09°21'35"	00°00'00"	01°00'20"	0.990
25/02/2024 00:00:00	♁	11°03'28" ♀	10°09'50"	02°58'08"	11°50'06"	0.003
25/02/2024 00:00:00	♁	03°02'45" ♀	-12°15'38"	-02°00'34"	01°49'03"	1.385
25/02/2024 00:00:00	♁	10°18'17" ♀	-18°08'23"	-00°30'00"	01°14'14"	1.481
25/02/2024 00:00:00	♁	09°02'58" ♀	-18°59'07"	-01°01'43"	00°46'21"	2.229
25/02/2024 00:00:00	♁	10°29'06" ♂	14°04'48"	-00°55'58"	00°09'39"	5.340
25/02/2024 00:00:00	♁	09°18'10" ♀	-09°34'48"	-01°37'03"	00°07'19"	10.709
25/02/2024 00:00:00	♁	19°26'48" ♂	17°19'02"	-00°17'04"	00°01'28"	19.861
25/02/2024 00:00:00	♁	26°33'31" ♀	-02°29'04"	-01°13'00"	00°02'09"	30.826
25/02/2024 00:00:00	♁	01°04'50" ♀	-22°42'01"	-02°51'11"	00°01'39"	35.767
25/02/2024 00:00:00	♁	16°05'56" ♀	06°19'57"	00°00'00"	-00°05'35"	0.002
25/02/2024 00:00:00	♁	16°59'27" ♀	07°49'04"	01°14'15"	00°02'50"	19.439
25/02/2024 00:00:00	♁	16°05'24" ♀	07°59'42"	02°43'20"	00°06'39"	0.003

Ephemerides year 2024

25/02/2024 00:00:00	T♁	16°05'56" ♄	06°19'57"	00°00'00"	-00°05'35"	0.002
25/02/2024 00:00:00	T♁	16°30'26" ♃	07°40'40"	02°33'15"	03°09'29"	0.003
25/02/2024 00:00:00	X	24°19'31" ♄	-00°40'28"	-10°50'57"	00°00'26"	96.330
25/02/2024 00:00:00	Y	29°28'23" ♃	08°26'23"	-11°51'33"	00°00'10"	83.618
26/02/2024 00:00:00	☾	06°52'18" ♃	-08°59'19"	00°00'00"	01°00'19"	0.990
26/02/2024 00:00:00	♃	22°52'29" ♃	04°42'01"	02°02'19"	11°48'15"	0.003
26/02/2024 00:00:00	♀	04°52'17" ♃	-11°33'11"	-01°57'55"	01°49'59"	1.382
26/02/2024 00:00:00	♀	11°32'32" ♃	-17°50'29"	-00°32'32"	01°14'14"	1.486
26/02/2024 00:00:00	♂	09°49'20" ♃	-18°47'09"	-01°02'08"	00°46'22"	2.225
26/02/2024 00:00:00	♃	10°38'49" ♃	14°08'03"	-00°55'44"	00°09'46"	5.354
26/02/2024 00:00:00	♃	09°25'29" ♃	-09°32'04"	-01°37'05"	00°07'19"	10.710
26/02/2024 00:00:00	♃	19°28'18" ♃	17°19'27"	-00°17'03"	00°01'31"	19.878
26/02/2024 00:00:00	♃	26°35'41" ♃	-02°28'12"	-01°12'59"	00°02'09"	30.832
26/02/2024 00:00:00	♃	01°06'30" ♃	-22°41'46"	-02°51'19"	00°01'38"	35.758
26/02/2024 00:00:00	♁	16°01'19" ♄	06°18'10"	00°00'00"	-00°03'37"	0.002
26/02/2024 00:00:00	♃	17°02'18" ♄	07°50'04"	01°14'08"	00°02'52"	19.451
26/02/2024 00:00:00	♃	16°12'04" ♃	07°56'25"	02°42'35"	00°06'39"	0.003
26/02/2024 00:00:00	T♁	16°01'19" ♄	06°18'10"	00°00'00"	-00°03'37"	0.002
26/02/2024 00:00:00	T♁	19°34'05" ♃	06°15'15"	02°18'35"	02°58'41"	0.003

Ephemerides year 2024

26/02/2024 00:00:00	X	24°19'58" ♄	-00°40'12"	-10°50'50"	00°00'27"	96.343
26/02/2024 00:00:00	Y	29°28'34" ♃	08°26'33"	-11°51'24"	00°00'10"	83.634
27/02/2024 00:00:00	☉	07°52'36" ♃	-08°36'55"	-00°00'00"	01°00'17"	0.990
27/02/2024 00:00:00	☾	04°40'44" ♌	-00°55'26"	01°01'08"	11°48'39"	0.003
27/02/2024 00:00:00	♀	06°42'44" ♃	-10°49'26"	-01°54'46"	01°50'54"	1.378
27/02/2024 00:00:00	♀	12°46'47" ♋	-17°32'04"	-00°35'01"	01°14'15"	1.490
27/02/2024 00:00:00	♂	10°35'44" ♋	-18°34'59"	-01°02'33"	00°46'23"	2.221
27/02/2024 00:00:00	♃	10°48'39" ♃	14°11'19"	-00°55'31"	00°09'53"	5.369
27/02/2024 00:00:00	♅	09°32'48" ♃	-09°29'21"	-01°37'08"	00°07'19"	10.711
27/02/2024 00:00:00	♁	19°29'50" ♃	17°19'54"	-00°17'02"	00°01'33"	19.894
27/02/2024 00:00:00	♃	26°37'51" ♃	-02°27'20"	-01°12'59"	00°02'10"	30.838
27/02/2024 00:00:00	♁	01°08'08" ♋	-22°41'32"	-02°51'27"	00°01'37"	35.749
27/02/2024 00:00:00	♁	15°58'41" ♄	06°17'10"	00°00'00"	-00°01'38"	0.002
27/02/2024 00:00:00	♃	17°05'11" ♄	07°51'04"	01°14'02"	00°02'53"	19.461
27/02/2024 00:00:00	♁	16°18'44" ♃	07°53'08"	02°41'50"	00°06'39"	0.003
27/02/2024 00:00:00	T♁	15°58'41" ♄	06°17'10"	00°00'00"	-00°01'38"	0.002
27/02/2024 00:00:00	T♁	22°29'06" ♃	04°53'07"	02°04'20"	02°51'35"	0.003
27/02/2024 00:00:00	X	24°20'25" ♄	-00°39'56"	-10°50'42"	00°00'27"	96.355
27/02/2024 00:00:00	Y	29°28'45" ♃	08°26'44"	-11°51'15"	00°00'11"	83.650

Ephemerides year 2024

28/02/2024 00:00:00	☉	08°52'53" ♈	-08°14'23"	-00°00'00"	01°00'16"	0.990
28/02/2024 00:00:00	☾	16°30'43" ♎	-06°32'14"	-00°02'58"	11°51'51"	0.003
28/02/2024 00:00:00	♀	08°34'06" ♈	-10°04'23"	-01°51'05"	01°51'49"	1.373
28/02/2024 00:00:00	♀	14°01'03" ♍	-17°13'09"	-00°37'28"	01°14'15"	1.495
28/02/2024 00:00:00	♂	11°22'08" ♍	-18°22'37"	-01°02'58"	00°46'25"	2.217
28/02/2024 00:00:00	♃	10°58'36" ♉	14°14'36"	-00°55'18"	00°10'00"	5.383
28/02/2024 00:00:00	♅	09°40'08" ♈	-09°26'38"	-01°37'11"	00°07'19"	10.711
28/02/2024 00:00:00	♁	19°31'26" ♉	17°20'21"	-00°17'00"	00°01'36"	19.910
28/02/2024 00:00:00	♃	26°40'02" ♈	-02°26'28"	-01°12'59"	00°02'11"	30.844
28/02/2024 00:00:00	♁	01°09'45" ♍	-22°41'18"	-02°51'35"	00°01'36"	35.739
28/02/2024 00:00:00	♁	15°57'56" ♉	06°16'53"	00°00'00"	00°00'04"	0.002
28/02/2024 00:00:00	♃	17°08'06" ♉	07°52'05"	01°13'55"	00°02'55"	19.472
28/02/2024 00:00:00	♁	16°25'24" ♎	07°49'50"	02°41'04"	00°06'39"	0.003
28/02/2024 00:00:00	T♁	15°57'56" ♉	06°16'53"	00°00'00"	00°00'04"	0.002
28/02/2024 00:00:00	T♁	25°16'45" ♎	03°33'55"	01°50'26"	02°42'55"	0.003
28/02/2024 00:00:00	X	24°20'53" ♉	-00°39'39"	-10°50'35"	00°00'28"	96.368
28/02/2024 00:00:00	Y	29°28'57" ♉	08°26'55"	-11°51'06"	00°00'12"	83.666
29/02/2024 00:00:00	☉	09°53'08" ♈	-07°51'43"	-00°00'00"	01°00'14"	0.991
29/02/2024 00:00:00	☾	28°25'34" ♎	-11°57'58"	-01°07'32"	11°58'26"	0.003

Ephemerides year 2024

29/02/2024 00:00:00	♀	10°26'21" ♈	-09°18'04"	-01°46'52"	01°52'41"	1.368
29/02/2024 00:00:00	♀	15°15'19" ♍	-16°53'45"	-00°39'53"	01°14'15"	1.499
29/02/2024 00:00:00	♂	12°08'34" ♍	-18°10'03"	-01°03'23"	00°46'26"	2.214
29/02/2024 00:00:00	♈	11°08'40" ♉	14°17'55"	-00°55'05"	00°10'07"	5.397
29/02/2024 00:00:00	♁	09°47'27" ♈	-09°23'54"	-01°37'14"	00°07'19"	10.711
29/02/2024 00:00:00	♁	19°33'04" ♉	17°20'48"	-00°16'59"	00°01'39"	19.926
29/02/2024 00:00:00	♁	26°42'14" ♈	-02°25'36"	-01°12'58"	00°02'11"	30.849
29/02/2024 00:00:00	♁	01°11'22" ♍	-22°41'05"	-02°51'43"	00°01'35"	35.729
29/02/2024 00:00:00	♁	15°58'39" ♈	06°17'09"	00°00'00"	00°01'15"	0.002
29/02/2024 00:00:00	♁	17°11'02" ♈	07°53'07"	01°13'49"	00°02'57"	19.482
29/02/2024 00:00:00	♁	16°32'04" ♉	07°46'32"	02°40'19"	00°06'39"	0.003
29/02/2024 00:00:00	T♁	15°58'39" ♈	06°17'09"	00°00'00"	00°01'15"	0.002
29/02/2024 00:00:00	T♁	27°52'24" ♉	02°20'03"	01°37'20"	02°26'40"	0.003
29/02/2024 00:00:00	X	24°21'21" ♈	-00°39'23"	-10°50'28"	00°00'28"	96.380
29/02/2024 00:00:00	Y	29°29'10" ♉	08°27'06"	-11°50'58"	00°00'13"	83.682
01/03/2024 00:00:00	♁	10°53'22" ♈	-07°28'57"	-00°00'00"	01°00'13"	0.991
01/03/2024 00:00:00	♁	10°28'57" ♉	-17°01'16"	-02°09'57"	12°08'59"	0.003
01/03/2024 00:00:00	♀	12°19'28" ♈	-08°30'32"	-01°42'05"	01°53'30"	1.361
01/03/2024 00:00:00	♀	16°29'35" ♍	-16°33'52"	-00°42'14"	01°14'16"	1.504



Ephemerides year 2024

01/03/2024 00:00:00	♂	12°55'01" ♊	-17°57'19"	-01°03'47"	00°46'27"	2.210
01/03/2024 00:00:00	♃	11°18'51" ♏	14°21'16"	-00°54'52"	00°10'14"	5.411
01/03/2024 00:00:00	♅	09°54'47" ♋	-09°21'11"	-01°37'17"	00°07'19"	10.711
01/03/2024 00:00:00	♁	19°34'45" ♍	17°21'17"	-00°16'58"	00°01'42"	19.942
01/03/2024 00:00:00	♆	26°44'26" ♎	-02°24'43"	-01°12'58"	00°02'12"	30.854
01/03/2024 00:00:00	♁	01°12'57" ♊	-22°40'51"	-02°51'51"	00°01'34"	35.719
01/03/2024 00:00:00	♁	16°00'14" ♏	06°17'46"	00°00'00"	00°01'47"	0.002
01/03/2024 00:00:00	♃	17°14'01" ♏	07°54'10"	01°13'43"	00°02'59"	19.493
01/03/2024 00:00:00	♁	16°38'44" ♎	07°43'15"	02°39'34"	00°06'39"	0.003
01/03/2024 00:00:00	♁♁	16°00'14" ♏	06°17'46"	00°00'00"	00°01'47"	0.002
01/03/2024 00:00:00	♁♁	00°06'02" ♎	01°16'28"	01°25'58"	01°58'17"	0.003
01/03/2024 00:00:00	X	24°21'50" ♏	-00°39'06"	-10°50'21"	00°00'29"	96.391
01/03/2024 00:00:00	Y	29°29'23" ♏	08°27'18"	-11°50'49"	00°00'13"	83.698
02/03/2024 00:00:00	♁	11°53'34" ♎	-07°06'05"	-00°00'00"	01°00'11"	0.991
02/03/2024 00:00:00	♁	22°45'00" ♎	-21°28'51"	-03°07'35"	12°23'53"	0.003
02/03/2024 00:00:00	♁	14°13'22" ♎	-07°41'48"	-01°36'45"	01°54'16"	1.354
02/03/2024 00:00:00	♀	17°43'51" ♊	-16°13'31"	-00°44'34"	01°14'16"	1.508
02/03/2024 00:00:00	♂	13°41'30" ♊	-17°44'22"	-01°04'11"	00°46'28"	2.206
02/03/2024 00:00:00	♃	11°29'08" ♏	14°24'39"	-00°54'39"	00°10'20"	5.425

Ephemerides year 2024

02/03/2024 00:00:00	♃	10°02'07" ♈	-09°18'27"	-01°37'20"	00°07'19"	10.711
02/03/2024 00:00:00	♅	19°36'28" ♉	17°21'46"	-00°16'56"	00°01'45"	19.958
02/03/2024 00:00:00	♆	26°46'38" ♊	-02°23'50"	-01°12'58"	00°02'12"	30.859
02/03/2024 00:00:00	♁	01°14'32" ♋	-22°40'38"	-02°51'59"	00°01'33"	35.709
02/03/2024 00:00:00	♄	16°01'59" ♌	06°18'26"	00°00'00"	00°01'35"	0.002
02/03/2024 00:00:00	♂	17°17'01" ♍	07°55'13"	01°13'36"	00°03'01"	19.502
02/03/2024 00:00:00	♁	16°45'24" ♎	07°39'57"	02°38'48"	00°06'39"	0.003
02/03/2024 00:00:00	♄♁	16°01'59" ♌	06°18'26"	00°00'00"	00°01'35"	0.002
02/03/2024 00:00:00	♁♃	01°44'11" ♋	00°29'42"	01°17'32"	01°15'35"	0.003
02/03/2024 00:00:00	X	24°22'20" ♏	-00°38'49"	-10°50'15"	00°00'29"	96.403
02/03/2024 00:00:00	Y	29°29'38" ♐	08°27'29"	-11°50'40"	00°00'14"	83.714
03/03/2024 00:00:00	♁	12°53'45" ♈	-06°43'06"	-00°00'00"	01°00'10"	0.991
03/03/2024 00:00:00	♃	05°18'13" ♉	-25°04'50"	-03°57'38"	12°43'16"	0.003
03/03/2024 00:00:00	♁	16°07'59" ♊	-06°51'56"	-01°30'51"	01°54'58"	1.346
03/03/2024 00:00:00	♁	18°58'07" ♋	-15°52'42"	-00°46'50"	01°14'16"	1.512
03/03/2024 00:00:00	♁	14°27'59" ♌	-17°31'15"	-01°04'35"	00°46'30"	2.202
03/03/2024 00:00:00	♁	11°39'32" ♍	14°28'02"	-00°54'27"	00°10'27"	5.439
03/03/2024 00:00:00	♃	10°09'26" ♈	-09°15'44"	-01°37'24"	00°07'19"	10.710
03/03/2024 00:00:00	♅	19°38'15" ♉	17°22'16"	-00°16'55"	00°01'47"	19.974

Ephemerides year 2024

03/03/2024 00:00:00	♁	26°48'51"	♈	-02°22'57"	-01°12'58"	00°02'13"	30.863
03/03/2024 00:00:00	♁	01°16'05"	♊	-22°40'25"	-02°52'07"	00°01'32"	35.698
03/03/2024 00:00:00	♁	16°03'13"	♈	06°18'54"	00°00'00"	00°00'46"	0.002
03/03/2024 00:00:00	♁	17°20'03"	♈	07°56'17"	01°13'30"	00°03'02"	19.512
03/03/2024 00:00:00	♁	16°52'03"	♎	07°36'39"	02°38'03"	00°06'39"	0.003
03/03/2024 00:00:00	♁	16°03'13"	♈	06°18'54"	00°00'00"	00°00'46"	0.002
03/03/2024 00:00:00	♁	02°32'43"	♈	00°06'36"	01°13'22"	00°19'31"	0.003
03/03/2024 00:00:00	X	24°22'49"	♈	-00°38'32"	-10°50'08"	00°00'30"	96.414
03/03/2024 00:00:00	Y	29°29'53"	♏	08°27'41"	-11°50'31"	00°00'15"	83.730
04/03/2024 00:00:00	♁	13°53'54"	♈	-06°20'01"	-00°00'00"	01°00'08"	0.992
04/03/2024 00:00:00	♁	18°12'59"	♈	-27°31'05"	-04°37'14"	13°06'51"	0.003
04/03/2024 00:00:00	♁	18°03'16"	♈	-06°01'00"	-01°24'22"	01°55'33"	1.336
04/03/2024 00:00:00	♁	20°12'24"	♊	-15°31'27"	-00°49'03"	01°14'16"	1.517
04/03/2024 00:00:00	♁	15°14'30"	♊	-17°17'57"	-01°04'58"	00°46'31"	2.198
04/03/2024 00:00:00	♁	11°50'03"	♏	14°31'28"	-00°54'14"	00°10'34"	5.453
04/03/2024 00:00:00	♁	10°16'46"	♈	-09°13'00"	-01°37'27"	00°07'19"	10.709
04/03/2024 00:00:00	♁	19°40'04"	♏	17°22'47"	-00°16'54"	00°01'50"	19.989
04/03/2024 00:00:00	♁	26°51'05"	♈	-02°22'04"	-01°12'57"	00°02'13"	30.867
04/03/2024 00:00:00	♁	01°17'38"	♊	-22°40'13"	-02°52'16"	00°01'31"	35.688

Ephemerides year 2024

04/03/2024 00:00:00	♏	16°03'24" ♀	06°18'58"	00°00'00"	-00°00'28"	0.002
04/03/2024 00:00:00	♋	17°23'07" ♀	07°57'21"	01°13'24"	00°03'04"	19.522
04/03/2024 00:00:00	♌	16°58'43" ♀	07°33'20"	02°37'17"	00°06'39"	0.003
04/03/2024 00:00:00	♏	16°03'24" ♀	06°18'58"	00°00'00"	-00°00'28"	0.002
04/03/2024 00:00:00	♌	02°20'35" ♀	00°12'25"	01°14'28"	-00°44'18"	0.003
04/03/2024 00:00:00	X	24°23'20" ♀	-00°38'15"	-10°50'01"	00°00'30"	96.425
04/03/2024 00:00:00	Y	29°30'09" ♂	08°27'52"	-11°50'23"	00°00'16"	83.746
05/03/2024 00:00:00	♉	14°54'02" ♀	-05°56'51"	-00°00'00"	01°00'07"	0.992
05/03/2024 00:00:00	♊	01°33'02" ♂	-28°29'08"	-05°03'23"	13°33'41"	0.003
05/03/2024 00:00:00	♌	19°59'04" ♀	-05°09'04"	-01°17'17"	01°56'02"	1.326
05/03/2024 00:00:00	♍	21°26'41" ♀	-15°09'45"	-00°51'14"	01°14'17"	1.521
05/03/2024 00:00:00	♌	16°01'02" ♀	-17°04'28"	-01°05'21"	00°46'32"	2.194
05/03/2024 00:00:00	♉	12°00'40" ♂	14°34'54"	-00°54'02"	00°10'40"	5.467
05/03/2024 00:00:00	♌	10°24'05" ♀	-09°10'17"	-01°37'31"	00°07'19"	10.708
05/03/2024 00:00:00	♌	19°41'56" ♂	17°23'18"	-00°16'53"	00°01'53"	20.005
05/03/2024 00:00:00	♌	26°53'19" ♀	-02°21'10"	-01°12'57"	00°02'14"	30.871
05/03/2024 00:00:00	♌	01°19'09" ♀	-22°40'00"	-02°52'24"	00°01'30"	35.677
05/03/2024 00:00:00	♏	16°02'13" ♀	06°18'31"	00°00'00"	-00°01'53"	0.002
05/03/2024 00:00:00	♋	17°26'12" ♀	07°58'27"	01°13'18"	00°03'06"	19.531

Ephemerides year 2024

05/03/2024 00:00:00	☾	17°05'23" ♍	07°30'02"	02°36'31"	00°06'40"	0.003
05/03/2024 00:00:00	♁	16°02'13" ♏	06°18'31"	00°00'00"	-00°01'53"	0.002
05/03/2024 00:00:00	♁	01°05'18" ♏	00°48'22"	01°21'01"	-01°44'26"	0.003
05/03/2024 00:00:00	X	24°23'50" ♏	-00°37'58"	-10°49'55"	00°00'30"	96.436
05/03/2024 00:00:00	Y	29°30'25" ♏	08°28'04"	-11°50'14"	00°00'17"	83.762
06/03/2024 00:00:00	☉	15°54'08" ♏	-05°33'36"	-00°00'00"	01°00'05"	0.992
06/03/2024 00:00:00	☾	15°20'53" ♏	-27°44'27"	-05°13'15"	14°02'03"	0.002
06/03/2024 00:00:00	♀	21°55'17" ♏	-04°16'14"	-01°09'38"	01°56'21"	1.314
06/03/2024 00:00:00	♀	22°40'59" ♏	-14°47'38"	-00°53'21"	01°14'17"	1.525
06/03/2024 00:00:00	♂	16°47'35" ♏	-16°50'49"	-01°05'43"	00°46'33"	2.191
06/03/2024 00:00:00	♃	12°11'24" ♏	14°38'22"	-00°53'49"	00°10'46"	5.480
06/03/2024 00:00:00	♃	10°31'24" ♏	-09°07'34"	-01°37'34"	00°07'18"	10.706
06/03/2024 00:00:00	♃	19°43'51" ♏	17°23'50"	-00°16'51"	00°01'55"	20.020
06/03/2024 00:00:00	♃	26°55'34" ♏	-02°20'17"	-01°12'57"	00°02'14"	30.875
06/03/2024 00:00:00	♃	01°20'39" ♏	-22°39'48"	-02°52'33"	00°01'29"	35.666
06/03/2024 00:00:00	♁	15°59'41" ♏	06°17'33"	00°00'00"	-00°03'08"	0.002
06/03/2024 00:00:00	♃	17°29'19" ♏	07°59'33"	01°13'12"	00°03'07"	19.540
06/03/2024 00:00:00	☾	17°12'03" ♍	07°26'44"	02°35'45"	00°06'39"	0.003
06/03/2024 00:00:00	♁	15°59'41" ♏	06°17'33"	00°00'00"	-00°03'08"	0.002

Ephemerides year 2024

06/03/2024 00:00:00	T♄	28°57'56" ♎	01°49'04"	01°31'58"	-02°26'03"	0.003
06/03/2024 00:00:00	X	24°24'21" ♏	-00°37'41"	-10°49'48"	00°00'31"	96.447
06/03/2024 00:00:00	Y	29°30'43" ♏	08°28'16"	-11°50'05"	00°00'17"	83.777
07/03/2024 00:00:00	☉	16°54'13" ♏	-05°10'16"	-00°00'00"	01°00'03"	0.992
07/03/2024 00:00:00	☾	29°36'50" ♏	-25°11'20"	-05°04'28"	14°29'26"	0.002
07/03/2024 00:00:00	♀	23°51'44" ♏	-03°22'36"	-01°01'23"	01°56'31"	1.302
07/03/2024 00:00:00	♀	23°55'16" ♏	-14°25'07"	-00°55'25"	01°14'17"	1.529
07/03/2024 00:00:00	♂	17°34'08" ♏	-16°36'59"	-01°06'06"	00°46'34"	2.187
07/03/2024 00:00:00	♃	12°22'14" ♏	14°41'51"	-00°53'37"	00°10'52"	5.494
07/03/2024 00:00:00	♅	10°38'43" ♏	-09°04'51"	-01°37'38"	00°07'18"	10.704
07/03/2024 00:00:00	♁	19°45'48" ♏	17°24'23"	-00°16'50"	00°01'58"	20.036
07/03/2024 00:00:00	♆	26°57'49" ♏	-02°19'23"	-01°12'57"	00°02'15"	30.878
07/03/2024 00:00:00	♁	01°22'08" ♏	-22°39'37"	-02°52'41"	00°01'28"	35.654
07/03/2024 00:00:00	♁	15°56'05" ♏	06°16'09"	00°00'00"	-00°03'57"	0.002
07/03/2024 00:00:00	♁	17°32'27" ♏	08°00'39"	01°13'06"	00°03'09"	19.549
07/03/2024 00:00:00	♁	17°18'43" ♏	07°23'25"	02°35'00"	00°06'39"	0.003
07/03/2024 00:00:00	T♁	15°56'05" ♏	06°16'09"	00°00'00"	-00°03'57"	0.002
07/03/2024 00:00:00	T♄	26°22'52" ♏	03°02'47"	01°45'07"	-02°39'07"	0.003
07/03/2024 00:00:00	X	24°24'53" ♏	-00°37'24"	-10°49'42"	00°00'31"	96.457

Ephemerides year 2024

07/03/2024 00:00:00	Y	29°31'01" ♂	08°28'28"	-11°49'57"	00°00'18"	83.793
08/03/2024 00:00:00	☉	17°54'16" ♀	-04°46'52"	-00°00'00"	01°00'02"	0.993
08/03/2024 00:00:00	☾	14°18'25" ♁	-20°55'54"	-04°35'47"	14°52'46"	0.002
08/03/2024 00:00:00	♀	25°48'15" ♀	-02°28'17"	-00°52'33"	01°56'27"	1.288
08/03/2024 00:00:00	♀	25°09'33" ♁	-14°02'12"	-00°57'27"	01°14'17"	1.534
08/03/2024 00:00:00	♂	18°20'43" ♁	-16°22'59"	-01°06'27"	00°46'35"	2.183
08/03/2024 00:00:00	♃	12°33'10" ♂	14°45'22"	-00°53'25"	00°10'58"	5.507
08/03/2024 00:00:00	♄	10°46'01" ♀	-09°02'08"	-01°37'42"	00°07'17"	10.702
08/03/2024 00:00:00	♅	19°47'47" ♂	17°24'57"	-00°16'49"	00°02'00"	20.051
08/03/2024 00:00:00	♆	27°00'04" ♀	-02°18'29"	-01°12'57"	00°02'15"	30.882
08/03/2024 00:00:00	♇	01°23'36" ♁	-22°39'26"	-02°52'50"	00°01'27"	35.643
08/03/2024 00:00:00	♈	15°51'58" ♀	06°14'35"	00°00'00"	-00°04'08"	0.002
08/03/2024 00:00:00	♉	17°35'37" ♀	08°01'47"	01°13'00"	00°03'10"	19.557
08/03/2024 00:00:00	♊	17°25'23" ♁	07°20'06"	02°34'14"	00°06'39"	0.003
08/03/2024 00:00:00	T♈	15°51'58" ♀	06°14'35"	00°00'00"	-00°04'08"	0.002
08/03/2024 00:00:00	T♉	23°48'14" ♁	04°15'59"	01°58'01"	-02°26'58"	0.003
08/03/2024 00:00:00	X	24°25'25" ♀	-00°37'07"	-10°49'36"	00°00'32"	96.468
08/03/2024 00:00:00	Y	29°31'20" ♂	08°28'40"	-11°49'48"	00°00'19"	83.808
09/03/2024 00:00:00	☉	18°54'17" ♀	-04°23'24"	-00°00'00"	01°00'00"	0.993

Ephemerides year 2024

09/03/2024 00:00:00	♃	29°19'59" ♁	-15°15'29"	-03°47'44"	15°08'57"	0.002
09/03/2024 00:00:00	♆	27°44'35" ♃	-01°33'26"	-00°43'09"	01°56'10"	1.273
09/03/2024 00:00:00	♀	26°23'50" ♁	-13°38'53"	-00°59'24"	01°14'17"	1.538
09/03/2024 00:00:00	♂	19°07'18" ♁	-16°08'49"	-01°06'49"	00°46'35"	2.179
09/03/2024 00:00:00	♃	12°44'12" ♄	14°48'54"	-00°53'13"	00°11'04"	5.520
09/03/2024 00:00:00	♅	10°53'19" ♃	-08°59'26"	-01°37'47"	00°07'17"	10.700
09/03/2024 00:00:00	♁	19°49'50" ♄	17°25'31"	-00°16'47"	00°02'03"	20.066
09/03/2024 00:00:00	♆	27°02'19" ♃	-02°17'36"	-01°12'57"	00°02'15"	30.884
09/03/2024 00:00:00	♁	01°25'02" ♁	-22°39'15"	-02°52'58"	00°01'25"	35.631
09/03/2024 00:00:00	♄	15°48'01" ♄	06°13'03"	00°00'00"	-00°03'39"	0.002
09/03/2024 00:00:00	♃	17°38'48" ♄	08°02'54"	01°12'54"	00°03'11"	19.565
09/03/2024 00:00:00	♁	17°32'03" ♃	07°16'48"	02°33'28"	00°06'39"	0.003
09/03/2024 00:00:00	♄	15°48'01" ♄	06°13'03"	00°00'00"	-00°03'39"	0.002
09/03/2024 00:00:00	♃	21°32'11" ♃	05°20'06"	02°09'13"	-02°05'04"	0.003
09/03/2024 00:00:00	X	24°25'57" ♄	-00°36'50"	-10°49'29"	00°00'32"	96.478
09/03/2024 00:00:00	Y	29°31'39" ♄	08°28'52"	-11°49'40"	00°00'19"	83.824
10/03/2024 00:00:00	♃	19°54'17" ♃	-03°59'53"	-00°00'00"	00°59'58"	0.993
10/03/2024 00:00:00	♃	14°33'09" ♃	-08°35'14"	-02°43'00"	15°15'39"	0.002
10/03/2024 00:00:00	♆	29°40'30" ♃	-00°38'12"	-00°33'12"	01°55'36"	1.257



Ephemerides year 2024

10/03/2024 00:00:00	♀	27°38'07" ♊	-13°15'12"	-01°01'19"	01°14'16"	1.542
10/03/2024 00:00:00	♂	19°53'54" ♊	-15°54'29"	-01°07'10"	00°46'36"	2.175
10/03/2024 00:00:00	♃	12°55'19" ♉	14°52'26"	-00°53'01"	00°11'10"	5.533
10/03/2024 00:00:00	♅	11°00'36" ♋	-08°56'44"	-01°37'51"	00°07'16"	10.698
10/03/2024 00:00:00	♁	19°51'54" ♉	17°26'06"	-00°16'46"	00°02'05"	20.081
10/03/2024 00:00:00	♃	27°04'35" ♋	-02°16'42"	-01°12'57"	00°02'15"	30.887
10/03/2024 00:00:00	♁	01°26'28" ♊	-22°39'04"	-02°53'07"	00°01'24"	35.619
10/03/2024 00:00:00	♁	15°44'50" ♋	06°11'50"	00°00'00"	-00°02'38"	0.002
10/03/2024 00:00:00	♃	17°42'00" ♋	08°04'03"	01°12'48"	00°03'13"	19.573
10/03/2024 00:00:00	♁	17°38'43" ♋	07°13'29"	02°32'41"	00°06'39"	0.003
10/03/2024 00:00:00	T♁	15°44'50" ♋	06°11'50"	00°00'00"	-00°02'38"	0.002
10/03/2024 00:00:00	T♁	19°35'26" ♋	06°14'53"	02°18'45"	-01°50'51"	0.003
10/03/2024 00:00:00	X	24°26'30" ♋	-00°36'32"	-10°49'23"	00°00'32"	96.487
10/03/2024 00:00:00	Y	29°31'59" ♉	08°29'05"	-11°49'32"	00°00'20"	83.839
11/03/2024 00:00:00	♁	20°54'14" ♋	-03°36'19"	-00°00'00"	00°59'56"	0.993
11/03/2024 00:00:00	♃	29°47'49" ♋	-01°24'10"	-01°26'28"	15°11'58"	0.002
11/03/2024 00:00:00	♁	01°35'42" ♋	00°17'13"	-00°22'43"	01°54'43"	1.239
11/03/2024 00:00:00	♀	28°52'24" ♊	-12°51'09"	-01°03'10"	01°14'16"	1.546
11/03/2024 00:00:00	♂	20°40'31" ♊	-15°40'00"	-01°07'31"	00°46'36"	2.171

Ephemerides year 2024

11/03/2024 00:00:00	♃	13°06'32" ♂	14°56'00"	-00°52'50"	00°11'16"	5.546
11/03/2024 00:00:00	♅	11°07'52" ♀	-08°54'02"	-01°37'55"	00°07'15"	10.695
11/03/2024 00:00:00	♁	19°54'02" ♂	17°26'41"	-00°16'45"	00°02'08"	20.095
11/03/2024 00:00:00	♆	27°06'51" ♀	-02°15'48"	-01°12'58"	00°02'15"	30.889
11/03/2024 00:00:00	♁	01°27'51" ♁	-22°38'54"	-02°53'16"	00°01'23"	35.607
11/03/2024 00:00:00	♁	15°42'50" ♀	06°11'04"	00°00'00"	-00°01'20"	0.002
11/03/2024 00:00:00	♃	17°45'14" ♀	08°05'11"	01°12'43"	00°03'14"	19.581
11/03/2024 00:00:00	♁	17°45'23" ♁	07°10'10"	02°31'55"	00°06'39"	0.003
11/03/2024 00:00:00	T♁	15°42'50" ♀	06°11'04"	00°00'00"	-00°01'20"	0.002
11/03/2024 00:00:00	T♃	17°44'30" ♁	07°06'44"	02°27'49"	-01°54'07"	0.003
11/03/2024 00:00:00	X	24°27'02" ♀	-00°36'15"	-10°49'17"	00°00'33"	96.497
11/03/2024 00:00:00	Y	29°32'20" ♂	08°29'17"	-11°49'23"	00°00'21"	83.854
12/03/2024 00:00:00	♁	21°54'10" ♀	-03°12'42"	-00°00'00"	00°59'54"	0.994
12/03/2024 00:00:00	♁	14°53'53" ♀	05°48'05"	-00°04'25"	14°58'43"	0.002
12/03/2024 00:00:00	♁	03°29'50" ♀	01°12'38"	-00°11'44"	01°53'29"	1.220
12/03/2024 00:00:00	♁	00°06'40" ♀	-12°26'45"	-01°04'58"	01°14'16"	1.550
12/03/2024 00:00:00	♁	21°27'08" ♁	-15°25'21"	-01°07'51"	00°46'37"	2.167
12/03/2024 00:00:00	♃	13°17'51" ♂	14°59'35"	-00°52'38"	00°11'21"	5.559
12/03/2024 00:00:00	♅	11°15'07" ♀	-08°51'20"	-01°38'00"	00°07'15"	10.692

Ephemerides year 2024

12/03/2024 00:00:00	♃	19°56'11" ♂	17°27'17"	-00°16'44"	00°02'10"	20.110
12/03/2024 00:00:00	♃	27°09'07" ♀	-02°14'54"	-01°12'58"	00°02'16"	30.891
12/03/2024 00:00:00	♃	01°29'14" ♀	-22°38'44"	-02°53'25"	00°01'22"	35.595
12/03/2024 00:00:00	♃	15°42'09" ♀	06°10'48"	00°00'00"	-00°00'03"	0.002
12/03/2024 00:00:00	♃	17°48'29" ♀	08°06'21"	01°12'37"	00°03'15"	19.589
12/03/2024 00:00:00	♃	17°52'02" ♀	07°06'51"	02°31'09"	00°06'39"	0.003
12/03/2024 00:00:00	♃	15°42'09" ♀	06°10'48"	00°00'00"	-00°00'03"	0.002
12/03/2024 00:00:00	♃	15°41'49" ♀	08°03'48"	02°37'48"	-02°13'03"	0.003
12/03/2024 00:00:00	X	24°27'36" ♀	-00°35'58"	-10°49'12"	00°00'33"	96.506
12/03/2024 00:00:00	Y	29°32'41" ♂	08°29'29"	-11°49'15"	00°00'21"	83.869
13/03/2024 00:00:00	♃	22°54'03" ♀	-02°49'03"	-00°00'00"	00°59'52"	0.994
13/03/2024 00:00:00	♃	29°42'47" ♀	12°33'48"	01°16'29"	14°38'03"	0.002
13/03/2024 00:00:00	♃	05°22'33" ♀	02°07'51"	-00°00'18"	01°51'52"	1.200
13/03/2024 00:00:00	♃	01°20'57" ♀	-12°02'01"	-01°06'43"	01°14'16"	1.554
13/03/2024 00:00:00	♃	22°13'46" ♀	-15°10'33"	-01°08'11"	00°46'38"	2.164
13/03/2024 00:00:00	♃	13°29'16" ♂	15°03'11"	-00°52'27"	00°11'27"	5.572
13/03/2024 00:00:00	♃	11°22'22" ♀	-08°48'39"	-01°38'05"	00°07'14"	10.689
13/03/2024 00:00:00	♃	19°58'23" ♂	17°27'54"	-00°16'42"	00°02'13"	20.124
13/03/2024 00:00:00	♃	27°11'23" ♀	-02°14'00"	-01°12'58"	00°02'16"	30.893

Ephemerides year 2024

13/03/2024 00:00:00	♁	01°30'36" ♁	-22°38'34"	-02°53'34"	00°01'20"	35.582
13/03/2024 00:00:00	♈	15°42'36" ♀	06°10'58"	00°00'00"	00°00'55"	0.002
13/03/2024 00:00:00	♊	17°51'45" ♀	08°07'30"	01°12'31"	00°03'16"	19.596
13/03/2024 00:00:00	♋	17°58'42" ♁	07°03'32"	02°30'23"	00°06'39"	0.003
13/03/2024 00:00:00	♈	15°42'36" ♀	06°10'58"	00°00'00"	00°00'55"	0.002
13/03/2024 00:00:00	♋	13°17'20" ♁	09°10'23"	02°49'22"	-02°34'55"	0.003
13/03/2024 00:00:00	X	24°28'09" ♀	-00°35'40"	-10°49'06"	00°00'33"	96.515
13/03/2024 00:00:00	Y	29°33'03" ♂	08°29'42"	-11°49'07"	00°00'22"	83.884
14/03/2024 00:00:00	♉	23°53'55" ♀	-02°25'22"	00°00'00"	00°59'50"	0.994
14/03/2024 00:00:00	♊	14°08'31" ♂	18°28'32"	02°30'28"	14°12'53"	0.002
14/03/2024 00:00:00	♋	07°13'27" ♀	03°02'36"	00°11'31"	01°49'50"	1.179
14/03/2024 00:00:00	♌	02°35'13" ♀	-11°36'57"	-01°08'24"	01°14'15"	1.558
14/03/2024 00:00:00	♍	23°00'24" ♁	-14°55'36"	-01°08'31"	00°46'38"	2.160
14/03/2024 00:00:00	♎	13°40'46" ♂	15°06'47"	-00°52'16"	00°11'32"	5.584
14/03/2024 00:00:00	♏	11°29'36" ♀	-08°45'58"	-01°38'10"	00°07'13"	10.685
14/03/2024 00:00:00	♐	20°00'38" ♂	17°28'31"	-00°16'41"	00°02'15"	20.139
14/03/2024 00:00:00	♑	27°13'39" ♀	-02°13'06"	-01°12'58"	00°02'16"	30.894
14/03/2024 00:00:00	♁	01°31'56" ♁	-22°38'25"	-02°53'43"	00°01'19"	35.569
14/03/2024 00:00:00	♈	15°43'49" ♀	06°11'26"	00°00'00"	00°01'25"	0.002

Ephemerides year 2024

14/03/2024 00:00:00	♄	17°55'02" ♀	08°08'41"	01°12'26"	00°03'18"	19.603
14/03/2024 00:00:00	♁	18°05'22" ♀	07°00'13"	02°29'36"	00°06'39"	0.003
14/03/2024 00:00:00	♄♁	15°43'49" ♀	06°11'26"	00°00'00"	00°01'25"	0.002
14/03/2024 00:00:00	♄♁	10°36'58" ♀	10°23'23"	03°01'51"	-02°41'57"	0.003
14/03/2024 00:00:00	X	24°28'43" ♀	-00°35'23"	-10°49'00"	00°00'34"	96.524
14/03/2024 00:00:00	Y	29°33'26" ♂	08°29'54"	-11°48'59"	00°00'23"	83.899
15/03/2024 00:00:00	♁	24°53'44" ♀	-02°01'40"	00°00'00"	00°59'48"	0.994
15/03/2024 00:00:00	♃	28°08'02" ♂	23°12'18"	03°33'09"	13°46'04"	0.003
15/03/2024 00:00:00	♁	09°02'06" ♀	03°56'39"	00°23'41"	01°47'21"	1.156
15/03/2024 00:00:00	♁	03°49'28" ♀	-11°11'34"	-01°10'01"	01°14'15"	1.562
15/03/2024 00:00:00	♂	23°47'03" ♀	-14°40'30"	-01°08'50"	00°46'38"	2.156
15/03/2024 00:00:00	♃	13°52'22" ♂	15°10'25"	-00°52'04"	00°11'38"	5.596
15/03/2024 00:00:00	♃	11°36'48" ♀	-08°43'17"	-01°38'15"	00°07'12"	10.682
15/03/2024 00:00:00	♁	20°02'55" ♂	17°29'09"	-00°16'40"	00°02'18"	20.153
15/03/2024 00:00:00	♁	27°15'56" ♀	-02°12'12"	-01°12'58"	00°02'16"	30.895
15/03/2024 00:00:00	♁	01°33'15" ♀	-22°38'16"	-02°53'52"	00°01'18"	35.557
15/03/2024 00:00:00	♁	15°45'16" ♀	06°12'00"	00°00'00"	00°01'23"	0.002
15/03/2024 00:00:00	♄	17°58'21" ♀	08°09'52"	01°12'20"	00°03'19"	19.610
15/03/2024 00:00:00	♁	18°12'01" ♀	06°56'53"	02°28'50"	00°06'39"	0.003

Ephemerides year 2024

15/03/2024 00:00:00	T♄	15°45'16" ♄	06°12'00"	00°00'00"	00°01'23"	0.002
15/03/2024 00:00:00	T♄	08°02'40" ♄	11°32'33"	03°13'28"	-02°21'45"	0.003
15/03/2024 00:00:00	X	24°29'18" ♄	-00°35'06"	-10°48'55"	00°00'34"	96.532
15/03/2024 00:00:00	Y	29°33'50" ♄	08°30'07"	-11°48'50"	00°00'23"	83.914
16/03/2024 00:00:00	☉	25°53'31" ♃	-01°37'57"	00°00'00"	00°59'45"	0.995
16/03/2024 00:00:00	☾	11°40'56" ♀	26°30'28" ♀	04°21'48"	13°19'59"	0.003
16/03/2024 00:00:00	♁	10°48'02" ♄	04°49'43"	00°36'08"	01°44'25"	1.133
16/03/2024 00:00:00	♂	05°03'44" ♃	-10°45'53"	-01°11'35"	01°14'15"	1.566
16/03/2024 00:00:00	♂	24°33'42" ♃	-14°25'15"	-01°09'09"	00°46'39"	2.152
16/03/2024 00:00:00	♃	14°04'02" ♄	15°14'03"	-00°51'53"	00°11'43"	5.609
16/03/2024 00:00:00	♃	11°44'00" ♃	-08°40'37"	-01°38'20"	00°07'11"	10.678
16/03/2024 00:00:00	♃	20°05'14" ♄	17°29'47"	-00°16'39"	00°02'20"	20.167
16/03/2024 00:00:00	♃	27°18'12" ♃	-02°11'18"	-01°12'59"	00°02'16"	30.896
16/03/2024 00:00:00	♃	01°34'32" ♃	-22°38'07"	-02°54'01"	00°01'16"	35.544
16/03/2024 00:00:00	♁	15°46'28" ♄	06°12'27"	00°00'00"	00°00'55"	0.002
16/03/2024 00:00:00	♃	18°01'41" ♄	08°11'03"	01°12'15"	00°03'20"	19.616
16/03/2024 00:00:00	♁	18°18'41" ♄	06°53'34"	02°28'03"	00°06'39"	0.003
16/03/2024 00:00:00	T♄	15°46'28" ♄	06°12'27"	00°00'00"	00°00'55"	0.002
16/03/2024 00:00:00	T♄	06°02'16" ♄	12°25'40"	03°22'15"	-01°35'28"	0.003

Ephemerides year 2024

16/03/2024 00:00:00	X	24°29'52" ♄	-00°34'48"	-10°48'49"	00°00'34"	96.541
16/03/2024 00:00:00	Y	29°34'14" ♃	08°30'19"	-11°48'42"	00°00'24"	83.928
17/03/2024 00:00:00	☉	26°53'16" ♃	-01°14'14"	00°00'00"	00°59'43"	0.995
17/03/2024 00:00:00	☾	24°48'51" ♀	28°15'03" ♁	04°55'04"	12°56'19"	0.003
17/03/2024 00:00:00	♀	12°30'47" ♄	05°41'33"	00°48'47"	01°40'59"	1.109
17/03/2024 00:00:00	♀	06°17'59" ♃	-10°19'55"	-01°13'05"	01°14'14"	1.570
17/03/2024 00:00:00	♂	25°20'22" ♁	-14°09'52"	-01°09'28"	00°46'39"	2.148
17/03/2024 00:00:00	♃	14°15'48" ♃	15°17'42"	-00°51'42"	00°11'48"	5.621
17/03/2024 00:00:00	♅	11°51'11" ♃	-08°37'57"	-01°38'25"	00°07'10"	10.673
17/03/2024 00:00:00	♁	20°07'36" ♃	17°30'26"	-00°16'38"	00°02'22"	20.181
17/03/2024 00:00:00	♃	27°20'29" ♃	-02°10'24"	-01°12'59"	00°02'16"	30.897
17/03/2024 00:00:00	♁	01°35'48" ♁	-22°37'59"	-02°54'10"	00°01'15"	35.530
17/03/2024 00:00:00	♁	15°47'01" ♄	06°12'40"	00°00'00"	00°00'08"	0.002
17/03/2024 00:00:00	♃	18°05'02" ♄	08°12'15"	01°12'09"	00°03'21"	19.623
17/03/2024 00:00:00	♁	18°25'21" ♁	06°50'14"	02°27'17"	00°06'39"	0.003
17/03/2024 00:00:00	T♁	15°47'01" ♄	06°12'40"	00°00'00"	00°00'08"	0.002
17/03/2024 00:00:00	T♁	04°56'19" ♁	12°54'26"	03°26'55"	-00°35'24"	0.003
17/03/2024 00:00:00	X	24°30'27" ♄	-00°34'31"	-10°48'44"	00°00'35"	96.549
17/03/2024 00:00:00	Y	29°34'39" ♃	08°30'32"	-11°48'34"	00°00'25"	83.943

Ephemerides year 2024

18/03/2024 00:00:00	♁	27°52'58" ♈	-00°50'30"	00°00'00"	00°59'41"	0.995
18/03/2024 00:00:00	♃	07°34'43" ♊	28°25'26" ♋	05°12'40"	12°36'02"	0.003
18/03/2024 00:00:00	♄	14°09'52" ♈	06°31'52"	01°01'32"	01°37'05"	1.083
18/03/2024 00:00:00	♅	07°32'13" ♈	-09°53'40"	-01°14'32"	01°14'14"	1.573
18/03/2024 00:00:00	♆	26°07'02" ♎	-13°54'21"	-01°09'46"	00°46'39"	2.144
18/03/2024 00:00:00	♁	14°27'39" ♈	15°21'22"	-00°51'32"	00°11'53"	5.633
18/03/2024 00:00:00	♂	11°58'21" ♈	-08°35'18"	-01°38'31"	00°07'09"	10.669
18/03/2024 00:00:00	♁	20°10'00" ♈	17°31'06"	-00°16'36"	00°02'24"	20.194
18/03/2024 00:00:00	♃	27°22'46" ♈	-02°09'30"	-01°13'00"	00°02'16"	30.897
18/03/2024 00:00:00	♄	01°37'03" ♎	-22°37'51"	-02°54'19"	00°01'14"	35.517
18/03/2024 00:00:00	♁	15°46'43" ♈	06°12'33"	00°00'00"	-00°00'43"	0.002
18/03/2024 00:00:00	♂	18°08'24" ♈	08°13'27"	01°12'04"	00°03'22"	19.629
18/03/2024 00:00:00	♁	18°32'01" ♎	06°46'54"	02°26'30"	00°06'39"	0.003
18/03/2024 00:00:00	T♁	15°46'43" ♈	06°12'33"	00°00'00"	-00°00'43"	0.002
18/03/2024 00:00:00	T♄	04°51'15" ♎	12°56'37"	03°27'15"	00°24'14"	0.003
18/03/2024 00:00:00	X	24°31'03" ♈	-00°34'13"	-10°48'39"	00°00'35"	96.556
18/03/2024 00:00:00	Y	29°35'05" ♈	08°30'45"	-11°48'27"	00°00'26"	83.957
19/03/2024 00:00:00	♁	28°52'39" ♈	-00°26'46"	00°00'00"	00°59'39"	0.996
19/03/2024 00:00:00	♃	20°02'12" ♊	27°08'03" ♋	05°15'00"	12°19'33"	0.003



Ephemerides year 2024

19/03/2024 00:00:00	♀	15°44'49" ♀	07°20'24"	01°14'19"	01°32'42"	1.057
19/03/2024 00:00:00	♀	08°46'27" ♀	-09°27'09"	-01°15'54"	01°14'13"	1.577
19/03/2024 00:00:00	♂	26°53'42" ♂	-13°38'42"	-01°10'04"	00°46'40"	2.140
19/03/2024 00:00:00	♈	14°39'34" ♀	15°25'03"	-00°51'21"	00°11'57"	5.644
19/03/2024 00:00:00	♏	12°05'29" ♀	-08°32'40"	-01°38'36"	00°07'07"	10.664
19/03/2024 00:00:00	♏	20°12'26" ♀	17°31'46"	-00°16'35"	00°02'27"	20.208
19/03/2024 00:00:00	♏	27°25'02" ♀	-02°08'36"	-01°13'00"	00°02'16"	30.897
19/03/2024 00:00:00	♏	01°38'17" ♂	-22°37'43"	-02°54'28"	00°01'12"	35.503
19/03/2024 00:00:00	♏	15°45'35" ♀	06°12'07"	00°00'00"	-00°01'30"	0.002
19/03/2024 00:00:00	♏	18°11'47" ♀	08°14'40"	01°11'59"	00°03'23"	19.634
19/03/2024 00:00:00	♏	18°38'41" ♀	06°43'34"	02°25'43"	00°06'39"	0.003
19/03/2024 00:00:00	T♏	15°45'35" ♀	06°12'07"	00°00'00"	-00°01'30"	0.002
19/03/2024 00:00:00	T♏	05°41'24" ♀	12°34'44"	03°23'40"	01°13'56"	0.003
19/03/2024 00:00:00	X	24°31'39" ♀	-00°33'56"	-10°48'33"	00°00'35"	96.564
19/03/2024 00:00:00	Y	29°35'31" ♀	08°30'58"	-11°48'19"	00°00'26"	83.971
20/03/2024 00:00:00	♏	29°52'17" ♀	-00°03'03"	00°00'00"	00°59'36"	0.996
20/03/2024 00:00:00	♏	02°15'07" ♀	24°34'18"	05°02'56"	12°06'55"	0.003
20/03/2024 00:00:00	♀	17°15'08" ♀	08°06'52"	01°27'01"	01°27'52"	1.031
20/03/2024 00:00:00	♀	10°00'41" ♀	-09°00'23"	-01°17'14"	01°14'13"	1.581

Ephemerides year 2024

20/03/2024 00:00:00	♂	27°40'22" ♊	-13°22'55"	-01°10'22"	00°46'40"	2.136
20/03/2024 00:00:00	♃	14°51'34" ♉	15°28'44"	-00°51'10"	00°12'02"	5.656
20/03/2024 00:00:00	♅	12°12'36" ♋	-08°30'01"	-01°38'42"	00°07'06"	10.659
20/03/2024 00:00:00	♁	20°14'54" ♈	17°32'27"	-00°16'34"	00°02'29"	20.221
20/03/2024 00:00:00	♆	27°27'19" ♌	-02°07'42"	-01°13'01"	00°02'16"	30.896
20/03/2024 00:00:00	♁	01°39'29" ♊	-22°37'36"	-02°54'37"	00°01'11"	35.490
20/03/2024 00:00:00	♁	15°43'47" ♈	06°11'26"	00°00'00"	-00°02'02"	0.002
20/03/2024 00:00:00	♃	18°15'10" ♈	08°15'52"	01°11'54"	00°03'24"	19.640
20/03/2024 00:00:00	♁	18°45'20" ♋	06°40'14"	02°24'56"	00°06'39"	0.003
20/03/2024 00:00:00	♁	15°43'47" ♈	06°11'26"	00°00'00"	-00°02'02"	0.002
20/03/2024 00:00:00	♁	07°14'28" ♋	11°53'50"	03°16'56"	01°49'48"	0.003
20/03/2024 00:00:00	X	24°32'14" ♈	-00°33'38"	-10°48'28"	00°00'36"	96.571
20/03/2024 00:00:00	Y	29°35'58" ♉	08°31'11"	-11°48'11"	00°00'27"	83.986
21/03/2024 00:00:00	♁	00°51'52" ♈	00°20'38"	00°00'00"	00°59'34"	0.996
21/03/2024 00:00:00	♃	14°17'13" ♉	20°58'01"	04°37'37"	11°57'51"	0.003
21/03/2024 00:00:00	♁	18°40'24" ♈	08°51'03"	01°39'32"	01°22'35"	1.004
21/03/2024 00:00:00	♀	11°14'54" ♋	-08°33'22"	-01°18'29"	01°14'13"	1.585
21/03/2024 00:00:00	♂	28°27'03" ♊	-13°07'00"	-01°10'39"	00°46'40"	2.133
21/03/2024 00:00:00	♃	15°03'39" ♉	15°32'25"	-00°51'00"	00°12'07"	5.667

Ephemerides year 2024

21/03/2024 00:00:00	♃	12°19'42" ♈	-08°27'24"	-01°38'48"	00°07'04"	10.654
21/03/2024 00:00:00	♅	20°17'24" ♊	17°33'08"	-00°16'33"	00°02'31"	20.234
21/03/2024 00:00:00	♆	27°29'35" ♈	-02°06'48"	-01°13'01"	00°02'16"	30.896
21/03/2024 00:00:00	♁	01°40'39" ♋	-22°37'29"	-02°54'47"	00°01'09"	35.476
21/03/2024 00:00:00	♄	15°41'36" ♈	06°10'35"	00°00'00"	-00°02'16"	0.002
21/03/2024 00:00:00	♂	18°18'35" ♈	08°17'06"	01°11'48"	00°03'24"	19.645
21/03/2024 00:00:00	♁	18°52'00" ♋	06°36'54"	02°24'09"	00°06'39"	0.003
21/03/2024 00:00:00	T♄	15°41'36" ♈	06°10'35"	00°00'00"	-00°02'16"	0.002
21/03/2024 00:00:00	T♁	09°16'32" ♋	10°59'33"	03°07'56"	02°12'17"	0.003
21/03/2024 00:00:00	X	24°32'51" ♈	-00°33'21"	-10°48'23"	00°00'36"	96.578
21/03/2024 00:00:00	Y	29°36'25" ♊	08°31'24"	-11°48'03"	00°00'27"	83.999
22/03/2024 00:00:00	♁	01°51'26" ♈	00°44'19"	00°00'00"	00°59'32"	0.996
22/03/2024 00:00:00	♃	26°11'55" ♊	16°33'06"	04°00'31"	11°52'01"	0.003
22/03/2024 00:00:00	♁	20°00'11" ♈	09°32'40"	01°51'45"	01°16'53"	0.977
22/03/2024 00:00:00	♆	12°29'07" ♈	-08°06'07"	-01°19'40"	01°14'12"	1.588
22/03/2024 00:00:00	♂	29°13'43" ♋	-12°50'57"	-01°10'55"	00°46'40"	2.129
22/03/2024 00:00:00	♃	15°15'49" ♊	15°36'08"	-00°50'50"	00°12'11"	5.679
22/03/2024 00:00:00	♃	12°26'46" ♈	-08°24'47"	-01°38'54"	00°07'03"	10.648
22/03/2024 00:00:00	♅	20°19'56" ♊	17°33'49"	-00°16'32"	00°02'33"	20.247

Ephemerides year 2024

22/03/2024 00:00:00	♁	27°31'52"	♈	-02°05'55"	-01°13'02"	00°02'16"	30.895
22/03/2024 00:00:00	♁	01°41'48"	♏	-22°37'23"	-02°54'56"	00°01'08"	35.462
22/03/2024 00:00:00	♁	15°39'21"	♈	06°09'43"	00°00'00"	-00°02'11"	0.002
22/03/2024 00:00:00	♁	18°22'00"	♈	08°18'19"	01°11'43"	00°03'25"	19.650
22/03/2024 00:00:00	♁	18°58'40"	♏	06°33'34"	02°23'22"	00°06'39"	0.003
22/03/2024 00:00:00	T♁	15°39'21"	♈	06°09'43"	00°00'00"	-00°02'11"	0.002
22/03/2024 00:00:00	T♁	11°35'42"	♏	09°56'51"	02°57'24"	02°24'47"	0.003
22/03/2024 00:00:00	X	24°33'27"	♈	-00°33'04"	-10°48'19"	00°00'36"	96.585
22/03/2024 00:00:00	Y	29°36'54"	♏	08°31'37"	-11°47'56"	00°00'28"	84.013
23/03/2024 00:00:00	♁	02°50'57"	♈	01°07'58"	00°00'00"	00°59'30"	0.997
23/03/2024 00:00:00	♁	08°02'12"	♏	11°32'32"	03°13'17"	11°49'00"	0.003
23/03/2024 00:00:00	♁	21°14'04"	♈	10°11'32"	02°03'36"	01°10'49"	0.949
23/03/2024 00:00:00	♁	13°43'20"	♈	-07°38'39"	-01°20'48"	01°14'12"	1.592
23/03/2024 00:00:00	♁	00°00'24"	♈	-12°34'47"	-01°11'12"	00°46'40"	2.125
23/03/2024 00:00:00	♁	15°28'02"	♏	15°39'50"	-00°50'39"	00°12'15"	5.690
23/03/2024 00:00:00	♁	12°33'49"	♈	-08°22'11"	-01°39'00"	00°07'01"	10.643
23/03/2024 00:00:00	♁	20°22'31"	♏	17°34'32"	-00°16'31"	00°02'35"	20.259
23/03/2024 00:00:00	♁	27°34'08"	♈	-02°05'01"	-01°13'02"	00°02'16"	30.894
23/03/2024 00:00:00	♁	01°42'56"	♏	-22°37'17"	-02°55'06"	00°01'06"	35.448

Ephemerides year 2024

23/03/2024 00:00:00	♁	15°37'19" ♀	06°08'56"	00°00'00"	-00°01'49"	0.002
23/03/2024 00:00:00	♂	18°25'26" ♀	08°19'33"	01°11'38"	00°03'26"	19.654
23/03/2024 00:00:00	♁	19°05'19" ♀	06°30'14"	02°22'35"	00°06'39"	0.003
23/03/2024 00:00:00	♁	15°37'19" ♀	06°08'56"	00°00'00"	-00°01'49"	0.002
23/03/2024 00:00:00	♁	14°04'43" ♀	08°48'50"	02°45'49"	02°33'07"	0.003
23/03/2024 00:00:00	X	24°34'03" ♀	-00°32'46"	-10°48'14"	00°00'36"	96.591
23/03/2024 00:00:00	Y	29°37'22" ♂	08°31'50"	-11°47'48"	00°00'28"	84.027
24/03/2024 00:00:00	♁	03°50'26" ♀	01°31'36"	00°00'00"	00°59'28"	0.997
24/03/2024 00:00:00	♁	19°50'45" ♀	06°08'01"	02°17'50"	11°48'27"	0.003
24/03/2024 00:00:00	♁	22°21'43" ♀	10°47'26"	02°14'56"	01°04'25"	0.922
24/03/2024 00:00:00	♀	14°57'32" ♂	-07°10'59"	-01°21'52"	01°14'11"	1.595
24/03/2024 00:00:00	♂	00°47'05" ♂	-12°18'30"	-01°11'28"	00°46'41"	2.121
24/03/2024 00:00:00	♁	15°40'20" ♂	15°43'33"	-00°50'29"	00°12'20"	5.701
24/03/2024 00:00:00	♁	12°40'50" ♂	-08°19'35"	-01°39'06"	00°07'00"	10.637
24/03/2024 00:00:00	♁	20°25'07" ♂	17°35'14"	-00°16'30"	00°02'37"	20.272
24/03/2024 00:00:00	♁	27°36'24" ♂	-02°04'08"	-01°13'03"	00°02'15"	30.892
24/03/2024 00:00:00	♁	01°44'02" ♀	-22°37'11"	-02°55'15"	00°01'05"	35.433
24/03/2024 00:00:00	♁	15°35'46" ♀	06°08'20"	00°00'00"	-00°01'16"	0.002
24/03/2024 00:00:00	♂	18°28'53" ♀	08°20'48"	01°11'33"	00°03'27"	19.659

Ephemerides year 2024

24/03/2024 00:00:00	☾	19°11'59" ♎	06°26'54"	02°21'48"	00°06'39"	0.003
24/03/2024 00:00:00	♁	15°35'46" ♏	06°08'20"	00°00'00"	-00°01'16"	0.002
24/03/2024 00:00:00	♁	16°42'49" ♎	07°35'49"	02°33'14"	02°43'58"	0.003
24/03/2024 00:00:00	X	24°34'40" ♏	-00°32'29"	-10°48'09"	00°00'36"	96.597
24/03/2024 00:00:00	Y	29°37'52" ♏	08°32'03"	-11°47'41"	00°00'29"	84.040
25/03/2024 00:00:00	☉	04°49'53" ♏	01°55'11"	-00°00'00"	00°59'25"	0.997
25/03/2024 00:00:00	☾	01°39'51" ♏	00°30'22"	01°16'23"	11°50'06"	0.003
25/03/2024 00:00:00	♀	23°22'49" ♏	11°20'10"	02°25'39"	00°57'42"	0.895
25/03/2024 00:00:00	♀	16°11'44" ♏	-06°43'07"	-01°22'51"	01°14'11"	1.599
25/03/2024 00:00:00	♂	01°33'47" ♏	-12°02'07"	-01°11'43"	00°46'41"	2.117
25/03/2024 00:00:00	♃	15°52'43" ♏	15°47'17"	-00°50'19"	00°12'24"	5.712
25/03/2024 00:00:00	♃	12°47'49" ♏	-08°17'00"	-01°39'13"	00°06'58"	10.631
25/03/2024 00:00:00	♃	20°27'46" ♏	17°35'58"	-00°16'29"	00°02'39"	20.284
25/03/2024 00:00:00	♃	27°38'40" ♏	-02°03'14"	-01°13'04"	00°02'15"	30.891
25/03/2024 00:00:00	♃	01°45'07" ♏	-22°37'06"	-02°55'25"	00°01'03"	35.419
25/03/2024 00:00:00	♁	15°34'47" ♏	06°07'58"	00°00'00"	-00°00'39"	0.002
25/03/2024 00:00:00	♃	18°32'20" ♏	08°22'02"	01°11'28"	00°03'27"	19.663
25/03/2024 00:00:00	☾	19°18'38" ♎	06°23'33"	02°21'01"	00°06'39"	0.003
25/03/2024 00:00:00	♁	15°34'47" ♏	06°07'58"	00°00'00"	-00°00'39"	0.002

Ephemerides year 2024

25/03/2024 00:00:00	T♄	19°35'07" ♍	06°15'23"	02°19'10"	03°01'56"	0.003
25/03/2024 00:00:00	X	24°35'17" ♏	-00°32'11"	-10°48'05"	00°00'37"	96.603
25/03/2024 00:00:00	Y	29°38'21" ♏	08°32'16"	-11°47'33"	00°00'30"	84.054
26/03/2024 00:00:00	☉	05°49'18" ♏	02°18'44"	-00°00'00"	00°59'23"	0.998
26/03/2024 00:00:00	☾	13°31'40" ♎	-05°09'52"	00°11'21"	11°53'51"	0.003
26/03/2024 00:00:00	♀	24°17'04" ♏	11°49'35"	02°35'39"	00°50'45"	0.869
26/03/2024 00:00:00	♀	17°25'55" ♏	-06°15'04"	-01°23'47"	01°14'11"	1.603
26/03/2024 00:00:00	♂	02°20'28" ♏	-11°45'36"	-01°11'58"	00°46'41"	2.113
26/03/2024 00:00:00	♃	16°05'09" ♏	15°51'01"	-00°50'10"	00°12'28"	5.722
26/03/2024 00:00:00	♅	12°54'47" ♏	-08°14'26"	-01°39'19"	00°06'56"	10.624
26/03/2024 00:00:00	♁	20°30'26" ♏	17°36'41"	-00°16'27"	00°02'41"	20.296
26/03/2024 00:00:00	♃	27°40'55" ♏	-02°02'21"	-01°13'04"	00°02'15"	30.888
26/03/2024 00:00:00	♁	01°46'10" ♏	-22°37'01"	-02°55'34"	00°01'02"	35.405
26/03/2024 00:00:00	♁	15°34'25" ♏	06°07'49"	00°00'00"	-00°00'05"	0.002
26/03/2024 00:00:00	♁	18°35'48" ♏	08°23'17"	01°11'24"	00°03'28"	19.667
26/03/2024 00:00:00	♁	19°25'18" ♏	06°20'13"	02°20'14"	00°06'39"	0.003
26/03/2024 00:00:00	T♁	15°34'25" ♏	06°07'49"	00°00'00"	-00°00'05"	0.002
26/03/2024 00:00:00	T♄	22°48'48" ♏	04°44'03"	02°02'57"	03°25'58"	0.003
26/03/2024 00:00:00	X	24°35'54" ♏	-00°31'54"	-10°48'00"	00°00'37"	96.609

Ephemerides year 2024

26/03/2024 00:00:00	Y	29°38'52" ♄	08°32'30"	-11°47'26"	00°00'30"	84.067
27/03/2024 00:00:00	☉	06°48'41" ♄	02°42'14"	-00°00'00"	00°59'22"	0.998
27/03/2024 00:00:00	♃	25°28'15" ♄	-10°41'52"	-00°54'40"	11°59'41"	0.003
27/03/2024 00:00:00	♀	25°04'16" ♄	12°15'32"	02°44'49"	00°43'36"	0.843
27/03/2024 00:00:00	♀	18°40'07" ♃	-05°46'50"	-01°24'39"	01°14'11"	1.606
27/03/2024 00:00:00	♂	03°07'09" ♃	-11°28'59"	-01°12'13"	00°46'41"	2.110
27/03/2024 00:00:00	♃	16°17'40" ♄	15°54'45"	-00°50'00"	00°12'32"	5.733
27/03/2024 00:00:00	♃	13°01'43" ♃	-08°11'52"	-01°39'26"	00°06'55"	10.618
27/03/2024 00:00:00	♃	20°33'08" ♄	17°37'25"	-00°16'26"	00°02'43"	20.308
27/03/2024 00:00:00	♃	27°43'11" ♃	-02°01'28"	-01°13'05"	00°02'15"	30.886
27/03/2024 00:00:00	♃	01°47'12" ♃	-22°36'56"	-02°55'44"	00°01'00"	35.390
27/03/2024 00:00:00	♃	15°34'34" ♄	06°07'53"	00°00'00"	00°00'21"	0.002
27/03/2024 00:00:00	♃	18°39'17" ♄	08°24'32"	01°11'19"	00°03'29"	19.670
27/03/2024 00:00:00	♃	19°31'57" ♃	06°16'52"	02°19'26"	00°06'39"	0.003
27/03/2024 00:00:00	T♃	15°34'34" ♄	06°07'53"	00°00'00"	00°00'21"	0.002
27/03/2024 00:00:00	T♃	26°26'42" ♃	03°00'27"	01°44'14"	03°48'49"	0.003
27/03/2024 00:00:00	X	24°36'32" ♄	-00°31'37"	-10°47'56"	00°00'37"	96.614
27/03/2024 00:00:00	Y	29°39'23" ♄	08°32'43"	-11°47'19"	00°00'31"	84.080
28/03/2024 00:00:00	☉	07°48'02" ♄	03°05'40"	-00°00'00"	00°59'20"	0.998



Ephemerides year 2024

28/03/2024 00:00:00	♃	07°31'48"	♍	-15°53'47"	-01°58'55"	12°07'46"	0.003
28/03/2024 00:00:00	♆	25°44'14"	♏	12°37'53"	02°53'04"	00°36'17"	0.818
28/03/2024 00:00:00	♀	19°54'18"	♏	-05°18'27"	-01°25'27"	01°14'10"	1.609
28/03/2024 00:00:00	♂	03°53'51"	♏	-11°12'15"	-01°12'27"	00°46'41"	2.106
28/03/2024 00:00:00	♃	16°30'14"	♏	15°58'29"	-00°49'50"	00°12'36"	5.743
28/03/2024 00:00:00	♄	13°08'37"	♏	-08°09'19"	-01°39'33"	00°06'53"	10.611
28/03/2024 00:00:00	♃	20°35'52"	♏	17°38'10"	-00°16'25"	00°02'45"	20.320
28/03/2024 00:00:00	♆	27°45'26"	♏	-02°00'35"	-01°13'06"	00°02'14"	30.884
28/03/2024 00:00:00	♁	01°48'12"	♏	-22°36'52"	-02°55'54"	00°00'59"	35.375
28/03/2024 00:00:00	♁	15°35'05"	♏	06°08'05"	00°00'00"	00°00'38"	0.002
28/03/2024 00:00:00	♃	18°42'47"	♏	08°25'47"	01°11'14"	00°03'29"	19.674
28/03/2024 00:00:00	♁	19°38'37"	♏	06°13'32"	02°18'39"	00°06'39"	0.003
28/03/2024 00:00:00	♁	15°35'05"	♏	06°08'05"	00°00'00"	00°00'38"	0.002
28/03/2024 00:00:00	♁	00°22'48"	♏	01°07'30"	01°23'28"	04°00'49"	0.003
28/03/2024 00:00:00	X	24°37'09"	♏	-00°31'20"	-10°47'52"	00°00'37"	96.619
28/03/2024 00:00:00	Y	29°39'55"	♏	08°32'56"	-11°47'12"	00°00'31"	84.092
29/03/2024 00:00:00	♁	08°47'21"	♏	03°29'04"	-00°00'00"	00°59'18"	0.998
29/03/2024 00:00:00	♃	19°44'39"	♍	-20°32'09"	-02°58'35"	12°18'20"	0.003
29/03/2024 00:00:00	♆	26°16'50"	♏	12°56'31"	03°00'16"	00°28'53"	0.793

Ephemerides year 2024

29/03/2024 00:00:00	♀	21°08'28" ♋	-04°49'55"	-01°26'11"	01°14'10"	1.613
29/03/2024 00:00:00	♂	04°40'33" ♋	-10°55'25"	-01°12'41"	00°46'41"	2.102
29/03/2024 00:00:00	♃	16°42'53" ♏	16°02'14"	-00°49'41"	00°12'40"	5.753
29/03/2024 00:00:00	♅	13°15'30" ♋	-08°06'47"	-01°39'40"	00°06'51"	10.604
29/03/2024 00:00:00	♁	20°38'39" ♏	17°38'55"	-00°16'24"	00°02'47"	20.332
29/03/2024 00:00:00	♃	27°47'40" ♋	-01°59'42"	-01°13'07"	00°02'14"	30.881
29/03/2024 00:00:00	♁	01°49'10" ♁	-22°36'48"	-02°56'03"	00°00'57"	35.360
29/03/2024 00:00:00	♁	15°35'47" ♏	06°08'21"	00°00'00"	00°00'42"	0.002
29/03/2024 00:00:00	♃	18°46'16" ♏	08°27'03"	01°11'09"	00°03'30"	19.677
29/03/2024 00:00:00	♁	19°45'17" ♏	06°10'11"	02°17'52"	00°06'39"	0.003
29/03/2024 00:00:00	T♁	15°35'47" ♏	06°08'21"	00°00'00"	00°00'42"	0.002
29/03/2024 00:00:00	T♁	04°22'12" ♁	-00°47'18"	01°01'59"	03°54'29"	0.003
29/03/2024 00:00:00	X	24°37'47" ♏	-00°31'02"	-10°47'48"	00°00'37"	96.624
29/03/2024 00:00:00	Y	29°40'27" ♏	08°33'09"	-11°47'05"	00°00'32"	84.105
30/03/2024 00:00:00	♁	09°46'39" ♏	03°52'23"	-00°00'00"	00°59'16"	0.999
30/03/2024 00:00:00	♃	02°09'23" ♏	-24°21'42"	-03°50'53"	12°31'35"	0.003
30/03/2024 00:00:00	♁	26°42'00" ♏	13°11'21"	03°06'20"	00°21'26"	0.770
30/03/2024 00:00:00	♀	22°22'39" ♋	-04°21'15"	-01°26'51"	01°14'10"	1.616
30/03/2024 00:00:00	♂	05°27'15" ♋	-10°38'29"	-01°12'54"	00°46'41"	2.098

Ephemerides year 2024

30/03/2024 00:00:00	♃	16°55'35" ♂	16°05'59"	-00°49'31"	00°12'44"	5.763
30/03/2024 00:00:00	♅	13°22'21" ♀	-08°04'15"	-01°39'47"	00°06'49"	10.596
30/03/2024 00:00:00	♁	20°41'27" ♂	17°39'40"	-00°16'23"	00°02'48"	20.343
30/03/2024 00:00:00	♆	27°49'55" ♀	-01°58'50"	-01°13'08"	00°02'14"	30.878
30/03/2024 00:00:00	♁	01°50'08" ♁	-22°36'45"	-02°56'13"	00°00'56"	35.345
30/03/2024 00:00:00	♁	15°36'28" ♀	06°08'36"	00°00'00"	00°00'37"	0.002
30/03/2024 00:00:00	♆	18°49'47" ♀	08°28'19"	01°11'05"	00°03'30"	19.680
30/03/2024 00:00:00	♁	19°51'56" ♁	06°06'50"	02°17'04"	00°06'39"	0.003
30/03/2024 00:00:00	♁	15°36'28" ♀	06°08'36"	00°00'00"	00°00'37"	0.002
30/03/2024 00:00:00	♁	08°04'29" ♁	-02°33'48"	00°41'45"	03°26'20"	0.003
30/03/2024 00:00:00	X	24°38'25" ♀	-00°30'45"	-10°47'44"	00°00'38"	96.629
30/03/2024 00:00:00	Y	29°41'00" ♂	08°33'22"	-11°46'58"	00°00'33"	84.117
31/03/2024 00:00:00	♁	10°45'54" ♀	04°15'38"	-00°00'00"	00°59'14"	0.999
31/03/2024 00:00:00	♁	14°48'48" ♂	-27°05'40"	-04°33'02"	12°47'42"	0.003
31/03/2024 00:00:00	♁	26°59'43" ♀	13°22'18"	03°11'10"	00°14'00"	0.747
31/03/2024 00:00:00	♁	23°36'49" ♀	-03°52'26"	-01°27'26"	01°14'10"	1.619
31/03/2024 00:00:00	♁	06°13'56" ♀	-10°21'27"	-01°13'07"	00°46'41"	2.094
31/03/2024 00:00:00	♃	17°08'21" ♂	16°09'44"	-00°49'22"	00°12'48"	5.773
31/03/2024 00:00:00	♅	13°29'10" ♀	-08°01'45"	-01°39'54"	00°06'47"	10.589

Ephemerides year 2024

31/03/2024 00:00:00	♃	20°44'16" ♂	17°40'26"	-00°16'22"	00°02'50"	20.354
31/03/2024 00:00:00	♃	27°52'09" ♀	-01°57'57"	-01°13'09"	00°02'13"	30.874
31/03/2024 00:00:00	♃	01°51'03" ♀	-22°36'42"	-02°56'23"	00°00'54"	35.330
31/03/2024 00:00:00	♃	15°37'00" ♀	06°08'49"	00°00'00"	00°00'26"	0.002
31/03/2024 00:00:00	♃	18°53'18" ♀	08°29'35"	01°11'00"	00°03'31"	19.682
31/03/2024 00:00:00	♃	19°58'36" ♀	06°03'29"	02°16'16"	00°06'39"	0.003
31/03/2024 00:00:00	♃	15°37'00" ♀	06°08'49"	00°00'00"	00°00'26"	0.002
31/03/2024 00:00:00	♃	11°07'37" ♀	-04°01'12"	00°24'56"	02°36'28"	0.003
31/03/2024 00:00:00	X	24°39'04" ♀	-00°30'28"	-10°47'40"	00°00'38"	96.633
31/03/2024 00:00:00	Y	29°41'33" ♂	08°33'36"	-11°46'51"	00°00'33"	84.130
01/04/2024 00:00:00	♃	11°45'08" ♀	04°38'48"	-00°00'00"	00°59'12"	0.999
01/04/2024 00:00:00	♃	27°45'45" ♀	-28°27'34"	-05°02'26"	13°06'38"	0.003
01/04/2024 00:00:00	♃	27°10'02" ♀	13°29'19"	03°14'40"	00°06'39"	0.726
01/04/2024 00:00:00	♃	24°51'00" ♀	-03°23'31"	-01°27'58"	01°14'10"	1.623
01/04/2024 00:00:00	♃	07°00'38" ♀	-10°04'19"	-01°13'20"	00°46'41"	2.090
01/04/2024 00:00:00	♃	17°21'11" ♂	16°13'29"	-00°49'13"	00°12'51"	5.783
01/04/2024 00:00:00	♃	13°35'56" ♀	-07°59'15"	-01°40'02"	00°06'45"	10.581
01/04/2024 00:00:00	♃	20°47'08" ♂	17°41'12"	-00°16'21"	00°02'52"	20.365
01/04/2024 00:00:00	♃	27°54'23" ♀	-01°57'05"	-01°13'10"	00°02'13"	30.870

Ephemerides year 2024

01/04/2024 00:00:00	♁	01°51'58" ♁	-22°36'39"	-02°56'33"	00°00'53"	35.315
01/04/2024 00:00:00	♁	15°37'19" ♁	06°08'56"	00°00'00"	00°00'12"	0.002
01/04/2024 00:00:00	♁	18°56'49" ♁	08°30'51"	01°10'56"	00°03'31"	19.684
01/04/2024 00:00:00	♁	20°05'15" ♁	06°00'08"	02°15'29"	00°06'39"	0.003
01/04/2024 00:00:00	♁	15°37'19" ♁	06°08'56"	00°00'00"	00°00'12"	0.002
01/04/2024 00:00:00	♁	13°11'18" ♁	-04°59'56"	00°13'31"	01°28'19"	0.003
01/04/2024 00:00:00	X	24°39'42" ♁	-00°30'11"	-10°47'37"	00°00'38"	96.637
01/04/2024 00:00:00	Y	29°42'08" ♁	08°33'49"	-11°46'45"	00°00'34"	84.142
02/04/2024 00:00:00	♁	12°44'20" ♁	05°01'54"	-00°00'00"	00°59'11"	1.000
02/04/2024 00:00:00	♁	11°02'54" ♁	-28°14'16"	-05°16'39"	13°27'59"	0.003
02/04/2024 00:00:00	♁	27°13'05" ♁	13°32'23"	03°16'46"	-00°00'31"	0.706
02/04/2024 00:00:00	♁	26°05'10" ♁	-02°54'30"	-01°28'26"	01°14'09"	1.626
02/04/2024 00:00:00	♁	07°47'20" ♁	-09°47'06"	-01°13'32"	00°46'41"	2.087
02/04/2024 00:00:00	♁	17°34'05" ♁	16°17'15"	-00°49'04"	00°12'55"	5.792
02/04/2024 00:00:00	♁	13°42'41" ♁	-07°56'46"	-01°40'09"	00°06'43"	10.573
02/04/2024 00:00:00	♁	20°50'01" ♁	17°41'59"	-00°16'20"	00°02'54"	20.376
02/04/2024 00:00:00	♁	27°56'36" ♁	-01°56'13"	-01°13'11"	00°02'13"	30.866
02/04/2024 00:00:00	♁	01°52'50" ♁	-22°36'37"	-02°56'43"	00°00'51"	35.299
02/04/2024 00:00:00	♁	15°37'26" ♁	06°08'59"	00°00'00"	00°00'01"	0.002

Ephemerides year 2024

02/04/2024 00:00:00	♄	19°00'21" ♏	08°32'08"	01°10'51"	00°03'31"	19.686
02/04/2024 00:00:00	♁	20°11'55" ♍	05°56'47"	02°14'41"	00°06'39"	0.003
02/04/2024 00:00:00	♁♁	15°37'26" ♏	06°08'59"	00°00'00"	00°00'01"	0.002
02/04/2024 00:00:00	♁♁	14°00'45" ♏	-05°23'21"	00°08'57"	00°09'51"	0.003
02/04/2024 00:00:00	X	24°40'21" ♏	-00°29'54"	-10°47'33"	00°00'38"	96.641
02/04/2024 00:00:00	Y	29°42'42" ♏	08°34'02"	-11°46'38"	00°00'34"	84.154
03/04/2024 00:00:00	☉	13°43'31" ♏	05°24'54"	-00°00'00"	00°59'09"	1.000
03/04/2024 00:00:00	☾	24°42'15" ♏	-26°19'31"	-05°13'42"	13°50'52"	0.003
03/04/2024 00:00:00	♁	27°09'05" ♏	13°31'30"	03°17'23"	-00°07'27"	0.687
03/04/2024 00:00:00	♁	27°19'19" ♏	-02°25'24"	-01°28'50"	01°14'09"	1.629
03/04/2024 00:00:00	♁	08°34'02" ♏	-09°29'47"	-01°13'43"	00°46'41"	2.083
03/04/2024 00:00:00	♁	17°47'02" ♏	16°21'00"	-00°48'55"	00°12'58"	5.801
03/04/2024 00:00:00	♁	13°49'24" ♏	-07°54'18"	-01°40'17"	00°06'41"	10.565
03/04/2024 00:00:00	♁	20°52'56" ♏	17°42'46"	-00°16'19"	00°02'55"	20.386
03/04/2024 00:00:00	♁	27°58'49" ♏	-01°55'21"	-01°13'12"	00°02'12"	30.862
03/04/2024 00:00:00	♁	01°53'41" ♏	-22°36'35"	-02°56'53"	00°00'50"	35.284
03/04/2024 00:00:00	♁	15°37'24" ♏	06°08'58"	00°00'00"	-00°00'04"	0.002
03/04/2024 00:00:00	♁	19°03'53" ♏	08°33'24"	01°10'47"	00°03'32"	19.688
03/04/2024 00:00:00	♁	20°18'35" ♏	05°53'25"	02°13'53"	00°06'39"	0.003

Ephemerides year 2024

03/04/2024 00:00:00	T♄	15°37'24" ♏	06°08'58"	00°00'00"	-00°00'04"	0.002
03/04/2024 00:00:00	T♄	13°32'12" ♏	-05°09'50"	00°11'35"	-01°04'54"	0.003
03/04/2024 00:00:00	X	24°41'00" ♏	-00°29'37"	-10°47'29"	00°00'38"	96.644
03/04/2024 00:00:00	Y	29°43'17" ♏	08°34'16"	-11°46'31"	00°00'35"	84.165
04/04/2024 00:00:00	☉	14°42'39" ♏	05°47'49"	-00°00'00"	00°59'07"	1.000
04/04/2024 00:00:00	☾	08°44'41" ♏	-22°46'10"	-04°52'16"	14°13'50"	0.002
04/04/2024 00:00:00	♁	26°58'17" ♏	13°26'42"	03°16'27"	-00°14'04"	0.670
04/04/2024 00:00:00	♂	28°33'29" ♏	-01°56'12"	-01°29'09"	01°14'09"	1.632
04/04/2024 00:00:00	♂	09°20'43" ♏	-09°12'24"	-01°13'54"	00°46'41"	2.079
04/04/2024 00:00:00	♂	18°00'02" ♏	16°24'45"	-00°48'46"	00°13'02"	5.811
04/04/2024 00:00:00	♂	13°56'04" ♏	-07°51'51"	-01°40'25"	00°06'39"	10.556
04/04/2024 00:00:00	♂	20°55'53" ♏	17°43'34"	-00°16'18"	00°02'57"	20.396
04/04/2024 00:00:00	♂	28°01'01" ♏	-01°54'29"	-01°13'13"	00°02'12"	30.858
04/04/2024 00:00:00	♂	01°54'31" ♏	-22°36'33"	-02°57'03"	00°00'48"	35.268
04/04/2024 00:00:00	♂	15°37'19" ♏	06°08'56"	00°00'00"	-00°00'04"	0.002
04/04/2024 00:00:00	♂	19°07'25" ♏	08°34'41"	01°10'43"	00°03'32"	19.689
04/04/2024 00:00:00	♂	20°25'14" ♏	05°50'04"	02°13'05"	00°06'39"	0.003
04/04/2024 00:00:00	T♄	15°37'19" ♏	06°08'56"	00°00'00"	-00°00'04"	0.002
04/04/2024 00:00:00	T♄	11°58'03" ♏	-04°25'10"	00°20'18"	-01°58'31"	0.003

Ephemerides year 2024

04/04/2024 00:00:00	X	24°41'39" ♄	-00°29'20"	-10°47'26"	00°00'38"	96.647
04/04/2024 00:00:00	Y	29°43'53" ♃	08°34'29"	-11°46'25"	00°00'35"	84.177
05/04/2024 00:00:00	☉	15°41'46" ♄	06°10'38"	-00°00'00"	00°59'05"	1.000
05/04/2024 00:00:00	☾	23°09'18" ♁	-17°45'56"	-04°12'10"	14°34'54"	0.002
05/04/2024 00:00:00	♀	26°41'05" ♄	13°18'05"	03°13'56"	-00°20'15"	0.654
05/04/2024 00:00:00	♀	29°47'38" ♃	-01°26'57"	-01°29'25"	01°14'08"	1.635
05/04/2024 00:00:00	♂	10°07'24" ♃	-08°54'55"	-01°14'05"	00°46'40"	2.075
05/04/2024 00:00:00	♃	18°13'06" ♃	16°28'31"	-00°48'37"	00°13'05"	5.820
05/04/2024 00:00:00	♃	14°02'42" ♃	-07°49'24"	-01°40'33"	00°06'36"	10.548
05/04/2024 00:00:00	♃	20°58'51" ♃	17°44'21"	-00°16'17"	00°02'58"	20.406
05/04/2024 00:00:00	♃	28°03'13" ♃	-01°53'38"	-01°13'14"	00°02'11"	30.853
05/04/2024 00:00:00	♃	01°55'18" ♁	-22°36'32"	-02°57'13"	00°00'46"	35.253
05/04/2024 00:00:00	♁	15°37'16" ♄	06°08'55"	00°00'00"	00°00'00"	0.002
05/04/2024 00:00:00	♃	19°10'58" ♄	08°35'58"	01°10'38"	00°03'32"	19.690
05/04/2024 00:00:00	♃	20°31'54" ♃	05°46'42"	02°12'17"	00°06'39"	0.003
05/04/2024 00:00:00	T♁	15°37'16" ♄	06°08'55"	00°00'00"	00°00'00"	0.002
05/04/2024 00:00:00	T♃	09°46'10" ♃	-03°22'20"	00°32'28"	-02°19'38"	0.003
05/04/2024 00:00:00	X	24°42'17" ♄	-00°29'03"	-10°47'23"	00°00'38"	96.650
05/04/2024 00:00:00	Y	29°44'29" ♃	08°34'43"	-11°46'19"	00°00'36"	84.188



Ephemerides year 2024

06/04/2024 00:00:00	☉	16°40'51" ♈	06°33'21"	-00°00'00"	00°59'04"	1.001
06/04/2024 00:00:00	☾	07°53'04" ♈	-11°37'21"	-03°14'46"	14°51'42"	0.002
06/04/2024 00:00:00	♁	26°17'56" ♈	13°05'47"	03°09'48"	-00°25'56"	0.639
06/04/2024 00:00:00	♂	01°01'46" ♈	-00°57'38"	-01°29'36"	01°14'08"	1.639
06/04/2024 00:00:00	♂	10°54'05" ♈	-08°37'22"	-01°14'15"	00°46'40"	2.071
06/04/2024 00:00:00	♃	18°26'13" ♉	16°32'16"	-00°48'29"	00°13'08"	5.828
06/04/2024 00:00:00	♄	14°09'18" ♈	-07°46'59"	-01°40'41"	00°06'34"	10.539
06/04/2024 00:00:00	♅	21°01'51" ♉	17°45'10"	-00°16'16"	00°03'00"	20.416
06/04/2024 00:00:00	♆	28°05'25" ♈	-01°52'47"	-01°13'15"	00°02'10"	30.848
06/04/2024 00:00:00	♇	01°56'04" ♁	-22°36'31"	-02°57'23"	00°00'45"	35.237
06/04/2024 00:00:00	♈	15°37'20" ♈	06°08'56"	00°00'00"	00°00'06"	0.002
06/04/2024 00:00:00	♉	19°14'31" ♈	08°37'15"	01°10'34"	00°03'32"	19.691
06/04/2024 00:00:00	♊	20°38'33" ♉	05°43'21"	02°11'29"	00°06'39"	0.003
06/04/2024 00:00:00	♋	15°37'20" ♈	06°08'56"	00°00'00"	00°00'06"	0.002
06/04/2024 00:00:00	♌	07°28'19" ♈	-02°16'24"	00°45'09"	-02°12'33"	0.003
06/04/2024 00:00:00	X	24°42'56" ♈	-00°28'46"	-10°47'20"	00°00'39"	96.652
06/04/2024 00:00:00	Y	29°45'06" ♉	08°34'56"	-11°46'13"	00°00'36"	84.199
07/04/2024 00:00:00	☉	17°39'54" ♈	06°55'57"	-00°00'00"	00°59'02"	1.001
07/04/2024 00:00:00	☾	22°50'32" ♈	-04°43'41"	-02°03'18"	15°01'58"	0.002

Ephemerides year 2024

07/04/2024 00:00:00	♀	25°49'23" ♏	12°49'59"	03°04'03"	-00°31'02"	0.626
07/04/2024 00:00:00	♀	02°15'54" ♏	-00°28'17"	-01°29'44"	01°14'07"	1.642
07/04/2024 00:00:00	♂	11°40'45" ♏	-08°19'45"	-01°14'25"	00°46'39"	2.067
07/04/2024 00:00:00	♃	18°39'23" ♏	16°36'01"	-00°48'20"	00°13'11"	5.837
07/04/2024 00:00:00	♃	14°15'51" ♏	-07°44'35"	-01°40'49"	00°06'31"	10.530
07/04/2024 00:00:00	♃	21°04'52" ♏	17°45'58"	-00°16'15"	00°03'01"	20.426
07/04/2024 00:00:00	♃	28°07'35" ♏	-01°51'56"	-01°13'16"	00°02'10"	30.843
07/04/2024 00:00:00	♃	01°56'49" ♏	-22°36'31"	-02°57'33"	00°00'43"	35.221
07/04/2024 00:00:00	♃	15°37'28" ♏	06°09'00"	00°00'00"	00°00'08"	0.002
07/04/2024 00:00:00	♃	19°18'03" ♏	08°38'32"	01°10'30"	00°03'32"	19.692
07/04/2024 00:00:00	♃	20°45'13" ♏	05°39'59"	02°10'41"	00°06'39"	0.003
07/04/2024 00:00:00	T♃	15°37'28" ♏	06°09'00"	00°00'00"	00°00'08"	0.002
07/04/2024 00:00:00	T♃	05°24'34" ♏	-01°17'04"	00°56'29"	-01°54'53"	0.003
07/04/2024 00:00:00	X	24°43'36" ♏	-00°28'30"	-10°47'17"	00°00'39"	96.655
07/04/2024 00:00:00	Y	29°45'43" ♏	08°35'09"	-11°46'07"	00°00'37"	84.210
08/04/2024 00:00:00	☉	18°38'55" ♏	07°18'26"	-00°00'00"	00°59'00"	1.001
08/04/2024 00:00:00	☾	07°54'16" ♏	02°28'49"	-00°42'47"	15°04'02"	0.002
08/04/2024 00:00:00	♀	25°16'05" ♏	12°30'56"	02°56'42"	-00°35'26"	0.614
08/04/2024 00:00:00	♀	03°30'02" ♏	00°01'05"	-01°29'47"	01°14'07"	1.645

Ephemerides year 2024

08/04/2024 00:00:00	♂	12°27'25" ♋	-08°02'03"	-01°14'34"	00°46'39"	2.064
08/04/2024 00:00:00	♃	18°52'36" ♏	16°39'47"	-00°48'12"	00°13'14"	5.845
08/04/2024 00:00:00	♅	14°22'22" ♋	-07°42'12"	-01°40'57"	00°06'29"	10.520
08/04/2024 00:00:00	♁	21°07'55" ♏	17°46'47"	-00°16'14"	00°03'03"	20.435
08/04/2024 00:00:00	♃	28°09'45" ♋	-01°51'05"	-01°13'17"	00°02'09"	30.837
08/04/2024 00:00:00	♁	01°57'32" ♁	-22°36'31"	-02°57'43"	00°00'41"	35.206
08/04/2024 00:00:00	♁	15°37'35" ♏	06°09'02"	00°00'00"	00°00'04"	0.002
08/04/2024 00:00:00	♃	19°21'36" ♏	08°39'49"	01°10'26"	00°03'32"	19.692
08/04/2024 00:00:00	♁	20°51'52" ♏	05°36'37"	02°09'53"	00°06'39"	0.003
08/04/2024 00:00:00	♁	15°37'35" ♏	06°09'02"	00°00'00"	00°00'04"	0.002
08/04/2024 00:00:00	♁	03°35'40" ♏	-00°24'48"	01°06'23"	-01°45'24"	0.003
08/04/2024 00:00:00	X	24°44'15" ♏	-00°28'13"	-10°47'14"	00°00'39"	96.657
08/04/2024 00:00:00	Y	29°46'21" ♏	08°35'23"	-11°46'01"	00°00'37"	84.221
09/04/2024 00:00:00	♁	19°37'55" ♏	07°40'47"	-00°00'00"	00°58'58"	1.002
09/04/2024 00:00:00	♁	22°55'39" ♏	09°32'26"	00°40'28"	14°57'16"	0.002
09/04/2024 00:00:00	♁	24°38'45" ♏	12°08'54"	02°47'48"	-00°39'06"	0.604
09/04/2024 00:00:00	♀	04°44'09" ♏	00°30'29"	-01°29'46"	01°14'06"	1.647
09/04/2024 00:00:00	♂	13°14'04" ♋	-07°44'18"	-01°14'43"	00°46'38"	2.060
09/04/2024 00:00:00	♃	19°05'52" ♏	16°43'31"	-00°48'03"	00°13'17"	5.854

Ephemerides year 2024

09/04/2024 00:00:00	♃	14°28'50" ♈	-07°39'49"	-01°41'06"	00°06'26"	10.511
09/04/2024 00:00:00	♅	21°10'59" ♊	17°47'36"	-00°16'13"	00°03'04"	20.444
09/04/2024 00:00:00	♆	28°11'54" ♋	-01°50'15"	-01°13'19"	00°02'09"	30.831
09/04/2024 00:00:00	♁	01°58'13" ♉	-22°36'32"	-02°57'53"	00°00'40"	35.190
09/04/2024 00:00:00	♄	15°37'35" ♈	06°09'02"	00°00'00"	-00°00'06"	0.002
09/04/2024 00:00:00	♂	19°25'09" ♈	08°41'06"	01°10'22"	00°03'32"	19.692
09/04/2024 00:00:00	♁	20°58'32" ♉	05°33'16"	02°09'05"	00°06'39"	0.003
09/04/2024 00:00:00	♄	15°37'35" ♈	06°09'02"	00°00'00"	-00°00'06"	0.002
09/04/2024 00:00:00	♁	01°47'34" ♉	00°27'04"	01°16'07"	-01°54'01"	0.003
09/04/2024 00:00:00	X	24°44'54" ♈	-00°27'57"	-10°47'11"	00°00'39"	96.658
09/04/2024 00:00:00	Y	29°46'59" ♋	08°35'36"	-11°45'55"	00°00'38"	84.231
10/04/2024 00:00:00	♁	20°36'52" ♈	08°03'01"	-00°00'00"	00°58'56"	1.002
10/04/2024 00:00:00	♃	07°46'04" ♈	15°59'26"	01°59'57"	14°42'19"	0.002
10/04/2024 00:00:00	♁	23°58'09" ♈	11°44'15"	02°37'27"	-00°41'57"	0.596
10/04/2024 00:00:00	♁	05°58'16" ♈	00°59'54"	-01°29'42"	01°14'06"	1.650
10/04/2024 00:00:00	♂	14°00'42" ♈	-07°26'28"	-01°14'51"	00°46'38"	2.056
10/04/2024 00:00:00	♁	19°19'11" ♈	16°47'16"	-00°47'55"	00°13'20"	5.862
10/04/2024 00:00:00	♃	14°35'15" ♈	-07°37'28"	-01°41'14"	00°06'24"	10.501
10/04/2024 00:00:00	♅	21°14'05" ♊	17°48'26"	-00°16'12"	00°03'06"	20.453

Ephemerides year 2024

10/04/2024 00:00:00	♁	28°14'03"	♈	-01°49'25"	-01°13'20"	00°02'08"	30.825
10/04/2024 00:00:00	♁	01°58'52"	♏	-22°36'32"	-02°58'03"	00°00'38"	35.174
10/04/2024 00:00:00	♁	15°37'21"	♈	06°08'57"	00°00'00"	-00°00'22"	0.002
10/04/2024 00:00:00	♁	19°28'42"	♈	08°42'23"	01°10'18"	00°03'32"	19.692
10/04/2024 00:00:00	♁	21°05'11"	♏	05°29'54"	02°08'17"	00°06'39"	0.003
10/04/2024 00:00:00	T♁	15°37'21"	♈	06°08'57"	00°00'00"	-00°00'22"	0.002
10/04/2024 00:00:00	T♁	29°42'11"	♏	01°27'11"	01°27'18"	-02°18'38"	0.003
10/04/2024 00:00:00	X	24°45'33"	♈	-00°27'40"	-10°47'08"	00°00'39"	96.660
10/04/2024 00:00:00	Y	29°47'37"	♏	08°35'49"	-11°45'49"	00°00'38"	84.241
11/04/2024 00:00:00	♁	21°35'47"	♈	08°25'07"	00°00'00"	00°58'54"	1.002
11/04/2024 00:00:00	♁	22°18'09"	♏	21°24'11"	03°09'58"	14°20'57"	0.002
11/04/2024 00:00:00	♁	23°15'08"	♈	11°17'23"	02°25'43"	-00°43'56"	0.589
11/04/2024 00:00:00	♁	07°12'22"	♈	01°29'19"	-01°29'33"	01°14'05"	1.653
11/04/2024 00:00:00	♁	14°47'20"	♈	-07°08'35"	-01°14'59"	00°46'37"	2.052
11/04/2024 00:00:00	♁	19°32'33"	♏	16°51'01"	-00°47'47"	00°13'23"	5.870
11/04/2024 00:00:00	♁	14°41'38"	♈	-07°35'08"	-01°41'23"	00°06'21"	10.491
11/04/2024 00:00:00	♁	21°17'12"	♏	17°49'15"	-00°16'12"	00°03'07"	20.461
11/04/2024 00:00:00	♁	28°16'11"	♈	-01°48'35"	-01°13'21"	00°02'07"	30.819
11/04/2024 00:00:00	♁	01°59'30"	♏	-22°36'34"	-02°58'13"	00°00'37"	35.158

Ephemerides year 2024

11/04/2024 00:00:00	♏	15°36'50" ♀	06°08'45"	00°00'00"	-00°00'39"	0.002
11/04/2024 00:00:00	♋	19°32'15" ♀	08°43'40"	01°10'14"	00°03'32"	19.691
11/04/2024 00:00:00	♌	21°11'50" ♀	05°26'32"	02°07'28"	00°06'39"	0.003
11/04/2024 00:00:00	♏	15°36'50" ♀	06°08'45"	00°00'00"	-00°00'39"	0.002
11/04/2024 00:00:00	♌	27°09'04" ♀	02°40'25"	01°40'46"	-02°46'42"	0.003
11/04/2024 00:00:00	X	24°46'13" ♀	-00°27'24"	-10°47'06"	00°00'39"	96.661
11/04/2024 00:00:00	Y	29°48'16" ♂	08°36'02"	-11°45'43"	00°00'39"	84.251
12/04/2024 00:00:00	♏	22°34'40" ♀	08°47'04"	00°00'00"	00°58'52"	1.002
12/04/2024 00:00:00	♌	06°26'41" ♀	25°25'39" o	04°06'19"	13°55'38"	0.002
12/04/2024 00:00:00	♌	22°30'33" ♀	10°48'44"	02°12'46"	-00°45'04"	0.584
12/04/2024 00:00:00	♌	08°26'28" ♀	01°58'42"	-01°29'21"	01°14'05"	1.656
12/04/2024 00:00:00	♌	15°33'57" ♀	-06°50'38"	-01°15'06"	00°46'36"	2.048
12/04/2024 00:00:00	♌	19°45'57" ♂	16°54'45"	-00°47'39"	00°13'25"	5.877
12/04/2024 00:00:00	♌	14°47'58" ♀	-07°32'49"	-01°41'32"	00°06'18"	10.481
12/04/2024 00:00:00	♌	21°20'20" ♂	17°50'05"	-00°16'11"	00°03'09"	20.470
12/04/2024 00:00:00	♌	28°18'19" ♀	-01°47'46"	-01°13'23"	00°02'07"	30.812
12/04/2024 00:00:00	♌	02°00'06" ♀	-22°36'35"	-02°58'23"	00°00'35"	35.142
12/04/2024 00:00:00	♏	15°36'05" ♀	06°08'27"	00°00'00"	-00°00'50"	0.002
12/04/2024 00:00:00	♋	19°35'47" ♀	08°44'57"	01°10'10"	00°03'32"	19.691

Ephemerides year 2024

12/04/2024 00:00:00	☾	21°18'30" ♎	05°23'10"	02°06'40"	00°06'39"	0.003
12/04/2024 00:00:00	♁	15°36'05" ♏	06°08'27"	00°00'00"	-00°00'50"	0.002
12/04/2024 00:00:00	♁	24°13'25" ♎	04°04'06"	01°55'56"	-03°00'57"	0.003
12/04/2024 00:00:00	X	24°46'52" ♏	-00°27'08"	-10°47'03"	00°00'39"	96.662
12/04/2024 00:00:00	Y	29°48'56" ♏	08°36'15"	-11°45'38"	00°00'39"	84.261
13/04/2024 00:00:00	☉	23°33'31" ♏	09°08'52"	00°00'00"	00°58'49"	1.003
13/04/2024 00:00:00	☾	20°08'59" ♏	27°50'12" ♁	04°46'38"	13°28'55"	0.003
13/04/2024 00:00:00	♁	21°45'17" ♏	10°18'45"	01°58'43"	-00°45'19"	0.580
13/04/2024 00:00:00	♀	09°40'33" ♏	02°28'04"	-01°29'04"	01°14'04"	1.659
13/04/2024 00:00:00	♂	16°20'33" ♏	-06°32'39"	-01°15'13"	00°46'35"	2.045
13/04/2024 00:00:00	♃	19°59'25" ♏	16°58'29"	-00°47'31"	00°13'28"	5.885
13/04/2024 00:00:00	♄	14°54'15" ♏	-07°30'31"	-01°41'41"	00°06'15"	10.471
13/04/2024 00:00:00	♅	21°23'30" ♏	17°50'56"	-00°16'10"	00°03'10"	20.478
13/04/2024 00:00:00	♆	28°20'25" ♏	-01°46'57"	-01°13'24"	00°02'06"	30.805
13/04/2024 00:00:00	♇	02°00'41" ♏	-22°36'37"	-02°58'34"	00°00'33"	35.125
13/04/2024 00:00:00	♁	15°35'12" ♏	06°08'07"	00°00'00"	-00°00'53"	0.002
13/04/2024 00:00:00	♂	19°39'20" ♏	08°46'14"	01°10'07"	00°03'32"	19.689
13/04/2024 00:00:00	☾	21°25'10" ♎	05°19'47"	02°05'52"	00°06'39"	0.003
13/04/2024 00:00:00	♁	15°35'12" ♏	06°08'07"	00°00'00"	-00°00'53"	0.002

Ephemerides year 2024

13/04/2024 00:00:00	T♄	21°15'57" ♉	05°28'07"	02°10'58"	-02°49'16"	0.003
13/04/2024 00:00:00	X	24°47'32" ♈	-00°26'51"	-10°47'01"	00°00'39"	96.662
13/04/2024 00:00:00	Y	29°49'36" ♉	08°36'29"	-11°45'32"	00°00'40"	84.271
14/04/2024 00:00:00	☉	24°32'20" ♈	09°30'31"	00°00'00"	00°58'47"	1.003
14/04/2024 00:00:00	☾	03°24'52" ♉	28°33'42" ♁	05°10'08"	13°03'07"	0.003
14/04/2024 00:00:00	♀	21°00'11" ♈	09°47'56"	01°43'46"	-00°44'44"	0.577
14/04/2024 00:00:00	♁	10°54'37" ♈	02°57'23"	-01°28'44"	01°14'04"	1.662
14/04/2024 00:00:00	♂	17°07'08" ♉	-06°14'36"	-01°15'19"	00°46'34"	2.041
14/04/2024 00:00:00	♂	20°12'54" ♉	17°02'12"	-00°47'23"	00°13'30"	5.892
14/04/2024 00:00:00	♃	15°00'30" ♉	-07°28'15"	-01°41'50"	00°06'12"	10.460
14/04/2024 00:00:00	♃	21°26'41" ♉	17°51'46"	-00°16'09"	00°03'11"	20.486
14/04/2024 00:00:00	♃	28°22'31" ♉	-01°46'08"	-01°13'26"	00°02'05"	30.798
14/04/2024 00:00:00	♃	02°01'14" ♉	-22°36'40"	-02°58'44"	00°00'32"	35.109
14/04/2024 00:00:00	♁	15°34'22" ♈	06°07'48"	00°00'00"	-00°00'43"	0.002
14/04/2024 00:00:00	♁	19°42'53" ♈	08°47'31"	01°10'03"	00°03'32"	19.688
14/04/2024 00:00:00	♁	21°31'49" ♉	05°16'25"	02°05'03"	00°06'39"	0.003
14/04/2024 00:00:00	T♁	15°34'22" ♈	06°07'48"	00°00'00"	-00°00'43"	0.002
14/04/2024 00:00:00	T♄	18°43'23" ♉	06°39'46"	02°23'36"	-02°12'25"	0.003
14/04/2024 00:00:00	X	24°48'11" ♈	-00°26'35"	-10°46'59"	00°00'39"	96.663



Ephemerides year 2024

14/04/2024 00:00:00	Y	29°50'17" ♄	08°36'42"	-11°45'27"	00°00'40"	84.280
15/04/2024 00:00:00	☉	25°31'06" ♄	09°52'01"	00°00'00"	00°58'45"	1.003
15/04/2024 00:00:00	☾	16°16'07" ♃	27°41'38" ♁	05°17'11"	12°39'57"	0.003
15/04/2024 00:00:00	♀	20°16'04" ♄	09°16'46"	01°28'05"	-00°43'20"	0.576
15/04/2024 00:00:00	♀	12°08'41" ♄	03°26'40"	-01°28'20"	01°14'03"	1.664
15/04/2024 00:00:00	♂	17°53'42" ♃	-05°56'30"	-01°15'25"	00°46'33"	2.037
15/04/2024 00:00:00	♃	20°26'26" ♄	17°05'55"	-00°47'16"	00°13'33"	5.899
15/04/2024 00:00:00	♃	15°06'41" ♃	-07°26'00"	-01°41'59"	00°06'09"	10.450
15/04/2024 00:00:00	♃	21°29'53" ♄	17°52'37"	-00°16'08"	00°03'12"	20.493
15/04/2024 00:00:00	♃	28°24'36" ♃	-01°45'20"	-01°13'27"	00°02'04"	30.790
15/04/2024 00:00:00	♁	02°01'45" ♃	-22°36'43"	-02°58'54"	00°00'30"	35.093
15/04/2024 00:00:00	♁	15°33'48" ♄	06°07'35"	00°00'00"	-00°00'22"	0.002
15/04/2024 00:00:00	♁	19°46'25" ♄	08°48'48"	01°09'59"	00°03'32"	19.686
15/04/2024 00:00:00	♁	21°38'29" ♃	05°13'03"	02°04'14"	00°06'39"	0.003
15/04/2024 00:00:00	T♁	15°33'48" ♄	06°07'35"	00°00'00"	-00°00'22"	0.002
15/04/2024 00:00:00	T♁	16°55'38" ♃	07°30'00"	02°32'21"	-01°22'04"	0.003
15/04/2024 00:00:00	X	24°48'51" ♄	-00°26'19"	-10°46'57"	00°00'39"	96.663
15/04/2024 00:00:00	Y	29°50'58" ♄	08°36'55"	-11°45'22"	00°00'41"	84.289
16/04/2024 00:00:00	☉	26°29'50" ♄	10°13'20"	00°00'00"	00°58'43"	1.004

Ephemerides year 2024

16/04/2024 00:00:00	♃	28°46'03" ♉	25°26'29" ♋	05°08'52"	12°20'35"	0.003
16/04/2024 00:00:00	♁	19°33'44" ♈	08°45'43"	01°11'50"	-00°41'12"	0.576
16/04/2024 00:00:00	♂	13°22'44" ♈	03°55'52"	-01°27'52"	01°14'02"	1.667
16/04/2024 00:00:00	♂	18°40'16" ♈	-05°38'22"	-01°15'31"	00°46'32"	2.033
16/04/2024 00:00:00	♃	20°40'01" ♈	17°09'38"	-00°47'08"	00°13'35"	5.906
16/04/2024 00:00:00	♃	15°12'50" ♈	-07°23'45"	-01°42'08"	00°06'06"	10.439
16/04/2024 00:00:00	♃	21°33'06" ♈	17°53'28"	-00°16'07"	00°03'13"	20.501
16/04/2024 00:00:00	♃	28°26'41" ♈	-01°44'32"	-01°13'29"	00°02'03"	30.783
16/04/2024 00:00:00	♃	02°02'14" ♈	-22°36'46"	-02°59'05"	00°00'28"	35.077
16/04/2024 00:00:00	♃	15°33'40" ♈	06°07'31"	00°00'00"	00°00'06"	0.002
16/04/2024 00:00:00	♃	19°49'57" ♈	08°50'05"	01°09'56"	00°03'31"	19.685
16/04/2024 00:00:00	♃	21°45'08" ♈	05°09'40"	02°03'26"	00°06'39"	0.003
16/04/2024 00:00:00	♃	15°33'40" ♈	06°07'31"	00°00'00"	00°00'06"	0.002
16/04/2024 00:00:00	♃	15°59'04" ♈	07°56'15"	02°36'54"	-00°32'08"	0.003
16/04/2024 00:00:00	X	24°49'31" ♈	-00°26'03"	-10°46'55"	00°00'39"	96.662
16/04/2024 00:00:00	Y	29°51'39" ♈	08°37'08"	-11°45'17"	00°00'41"	84.298
17/04/2024 00:00:00	♃	27°28'32" ♈	10°34'29"	00°00'00"	00°58'40"	1.004
17/04/2024 00:00:00	♃	10°58'47" ♈	22°03'55"	04°46'39"	12°05'38"	0.003
17/04/2024 00:00:00	♁	18°53'52" ♈	08°15'13"	00°55'14"	-00°38'25"	0.578

Ephemerides year 2024

17/04/2024 00:00:00	♀	14°36'46" ♀	04°25'00"	-01°27'20"	01°14'01"	1.669
17/04/2024 00:00:00	♂	19°26'48" ♂	-05°20'12"	-01°15'36"	00°46'31"	2.029
17/04/2024 00:00:00	♃	20°53'37" ♄	17°13'20"	-00°47'01"	00°13'37"	5.913
17/04/2024 00:00:00	♅	15°18'55" ♂	-07°21'33"	-01°42'18"	00°06'03"	10.428
17/04/2024 00:00:00	♁	21°36'21" ♄	17°54'19"	-00°16'06"	00°03'14"	20.508
17/04/2024 00:00:00	♃	28°28'44" ♂	-01°43'44"	-01°13'30"	00°02'02"	30.775
17/04/2024 00:00:00	♁	02°02'42" ♁	-22°36'50"	-02°59'15"	00°00'26"	35.061
17/04/2024 00:00:00	♁	15°34'02" ♀	06°07'40"	00°00'00"	00°00'37"	0.002
17/04/2024 00:00:00	♃	19°53'29" ♀	08°51'22"	01°09'52"	00°03'31"	19.682
17/04/2024 00:00:00	♁	21°51'48" ♁	05°06'18"	02°02'37"	00°06'39"	0.003
17/04/2024 00:00:00	♁	15°34'02" ♀	06°07'40"	00°00'00"	00°00'37"	0.002
17/04/2024 00:00:00	♁	15°47'57" ♁	08°01'25"	02°37'49"	00°07'44"	0.003
17/04/2024 00:00:00	X	24°50'10" ♀	-00°25'48"	-10°46'53"	00°00'39"	96.662
17/04/2024 00:00:00	Y	29°52'21" ♄	08°37'21"	-11°45'12"	00°00'41"	84.306
18/04/2024 00:00:00	♁	28°27'12" ♀	10°55'28"	00°00'00"	00°58'38"	1.004
18/04/2024 00:00:00	♃	22°58'51" ♁	17°49'26"	04°12'13"	11°55'16"	0.003
18/04/2024 00:00:00	♁	18°17'05" ♀	07°45'42"	00°38'27"	-00°35'02"	0.581
18/04/2024 00:00:00	♀	15°50'48" ♀	04°54'03"	-01°26'45"	01°14'01"	1.672
18/04/2024 00:00:00	♂	20°13'19" ♂	-05°01'59"	-01°15'40"	00°46'30"	2.026

Ephemerides year 2024

18/04/2024 00:00:00	♈	21°07'16" ♂	17°17'02"	-00°46'53"	00°13'39"	5.920
18/04/2024 00:00:00	♉	15°24'57" ♀	-07°19'21"	-01°42'28"	00°06'00"	10.416
18/04/2024 00:00:00	♊	21°39'36" ♂	17°55'11"	-00°16'06"	00°03'15"	20.515
18/04/2024 00:00:00	♋	28°30'46" ♀	-01°42'57"	-01°13'32"	00°02'01"	30.767
18/04/2024 00:00:00	♌	02°03'08" ♁	-22°36'54"	-02°59'25"	00°00'25"	35.044
18/04/2024 00:00:00	♍	15°34'53" ♀	06°08'00"	00°00'00"	00°01'03"	0.002
18/04/2024 00:00:00	♎	19°57'00" ♀	08°52'39"	01°09'49"	00°03'31"	19.680
18/04/2024 00:00:00	♏	21°58'27" ♁	05°02'55"	02°01'48"	00°06'39"	0.003
18/04/2024 00:00:00	♐	15°34'53" ♀	06°08'00"	00°00'00"	00°01'03"	0.002
18/04/2024 00:00:00	♑	16°09'48" ♁	07°51'21"	02°36'07"	00°33'31"	0.003
18/04/2024 00:00:00	♒	24°50'50" ♀	-00°25'32"	-10°46'51"	00°00'39"	96.661
18/04/2024 00:00:00	♓	29°53'03" ♂	08°37'34"	-11°45'07"	00°00'42"	84.315
19/04/2024 00:00:00	♈	29°25'49" ♀	11°16'15"	00°00'00"	00°58'36"	1.004
19/04/2024 00:00:00	♉	04°50'49" ♁	12°56'50"	03°27'18"	11°49'22"	0.003
19/04/2024 00:00:00	♊	17°43'56" ♀	07°17'31"	00°21'39"	-00°31'11"	0.585
19/04/2024 00:00:00	♋	17°04'49" ♀	05°22'59"	-01°26'05"	01°14'00"	1.674
19/04/2024 00:00:00	♌	20°59'49" ♀	-04°43'44"	-01°15'44"	00°46'29"	2.022
19/04/2024 00:00:00	♍	21°20'57" ♂	17°20'43"	-00°46'46"	00°13'41"	5.926
19/04/2024 00:00:00	♎	15°30'56" ♀	-07°17'11"	-01°42'37"	00°05'57"	10.405

Ephemerides year 2024

19/04/2024 00:00:00	♃	21°42'52"	♌	17°56'03"	-00°16'05"	00°03'16"	20.522
19/04/2024 00:00:00	♃	28°32'48"	♌	-01°42'10"	-01°13'34"	00°02'00"	30.758
19/04/2024 00:00:00	♃	02°03'32"	♌	-22°36'58"	-02°59'36"	00°00'23"	35.028
19/04/2024 00:00:00	♌	15°36'06"	♌	06°08'28"	00°00'00"	00°01'19"	0.002
19/04/2024 00:00:00	♌	20°00'31"	♌	08°53'55"	01°09'45"	00°03'30"	19.677
19/04/2024 00:00:00	♌	22°05'06"	♌	04°59'33"	02°01'00"	00°06'39"	0.003
19/04/2024 00:00:00	T♌	15°36'06"	♌	06°08'28"	00°00'00"	00°01'19"	0.002
19/04/2024 00:00:00	T♌	16°50'29"	♌	07°32'30"	02°32'52"	00°45'52"	0.003
19/04/2024 00:00:00	X	24°51'29"	♌	-00°25'17"	-10°46'50"	00°00'39"	96.660
19/04/2024 00:00:00	Y	29°53'45"	♌	08°37'47"	-11°45'02"	00°00'42"	84.323
20/04/2024 00:00:00	♌	00°24'25"	♌	11°36'52"	00°00'00"	00°58'34"	1.005
20/04/2024 00:00:00	♌	16°38'58"	♌	07°37'52"	02°33'50"	11°47'35"	0.003
20/04/2024 00:00:00	♌	17°14'51"	♌	06°51'00"	00°05'00"	-00°26'56"	0.590
20/04/2024 00:00:00	♌	18°18'49"	♌	05°51'49"	-01°25'22"	01°14'00"	1.677
20/04/2024 00:00:00	♌	21°46'18"	♌	-04°25'27"	-01°15'48"	00°46'28"	2.018
20/04/2024 00:00:00	♌	21°34'39"	♌	17°24'23"	-00°46'39"	00°13'43"	5.932
20/04/2024 00:00:00	♌	15°36'51"	♌	-07°15'02"	-01°42'47"	00°05'53"	10.393
20/04/2024 00:00:00	♌	21°46'10"	♌	17°56'54"	-00°16'04"	00°03'17"	20.528
20/04/2024 00:00:00	♌	28°34'48"	♌	-01°41'24"	-01°13'35"	00°01'59"	30.750

Ephemerides year 2024

20/04/2024 00:00:00	♁	02°03'55" ♁	-22°37'03"	-02°59'46"	00°00'21"	35.012
20/04/2024 00:00:00	♁	15°37'26" ♁	06°08'59"	00°00'00"	00°01'18"	0.002
20/04/2024 00:00:00	♁	20°04'01" ♁	08°55'12"	01°09'42"	00°03'30"	19.674
20/04/2024 00:00:00	♁	22°11'46" ♁	04°56'10"	02°00'11"	00°06'39"	0.003
20/04/2024 00:00:00	♁	15°37'26" ♁	06°08'59"	00°00'00"	00°01'18"	0.002
20/04/2024 00:00:00	♁	17°38'33" ♁	07°10'09"	02°29'00"	00°49'20"	0.003
20/04/2024 00:00:00	X	24°52'08" ♁	-00°25'01"	-10°46'48"	00°00'39"	96.658
20/04/2024 00:00:00	Y	29°54'28" ♁	08°38'00"	-11°44'58"	00°00'42"	84.331
21/04/2024 00:00:00	♁	01°22'58" ♁	11°57'16"	-00°00'00"	00°58'32"	1.005
21/04/2024 00:00:00	♁	28°27'13" ♁	02°02'58"	01°33'48"	11°49'28"	0.003
21/04/2024 00:00:00	♁	16°50'09" ♁	06°26'26"	-00°11'21"	-00°22'23"	0.596
21/04/2024 00:00:00	♁	19°32'49" ♁	06°20'32"	-01°24'36"	01°13'59"	1.679
21/04/2024 00:00:00	♁	22°32'45" ♁	-04°07'09"	-01°15'51"	00°46'27"	2.014
21/04/2024 00:00:00	♁	21°48'24" ♁	17°28'03"	-00°46'32"	00°13'45"	5.938
21/04/2024 00:00:00	♁	15°42'44" ♁	-07°12'54"	-01°42'57"	00°05'50"	10.381
21/04/2024 00:00:00	♁	21°49'28" ♁	17°57'46"	-00°16'03"	00°03'18"	20.534
21/04/2024 00:00:00	♁	28°36'48" ♁	-01°40'38"	-01°13'37"	00°01'58"	30.741
21/04/2024 00:00:00	♁	02°04'16" ♁	-22°37'09"	-02°59'56"	00°00'19"	34.995
21/04/2024 00:00:00	♁	15°38'36" ♁	06°09'26"	00°00'00"	00°00'58"	0.002

Ephemerides year 2024

21/04/2024 00:00:00	♄	20°07'31" ♀	08°56'28"	01°09'39"	00°03'29"	19.671
21/04/2024 00:00:00	♁	22°18'25" ♀	04°52'47"	01°59'22"	00°06'39"	0.003
21/04/2024 00:00:00	♄♁	15°38'36" ♀	06°09'26"	00°00'00"	00°00'58"	0.002
21/04/2024 00:00:00	♄♁	18°28'55" ♀	06°46'36"	02°24'51"	00°52'10"	0.003
21/04/2024 00:00:00	X	24°52'47" ♀	-00°24'46"	-10°46'47"	00°00'39"	96.656
21/04/2024 00:00:00	Y	29°55'11" ♂	08°38'13"	-11°44'53"	00°00'43"	84.338
22/04/2024 00:00:00	♁	02°21'29" ♂	12°17'29"	-00°00'00"	00°58'30"	1.005
22/04/2024 00:00:00	♃	10°18'57" ♀	-03°37'55"	00°29'30"	11°54'27"	0.003
22/04/2024 00:00:00	♁	16°30'09" ♀	06°04'01"	-00°27'19"	-00°17'36"	0.603
22/04/2024 00:00:00	♁	20°46'48" ♀	06°49'07"	-01°23'45"	01°13'58"	1.682
22/04/2024 00:00:00	♂	23°19'12" ♀	-03°48'49"	-01°15'53"	00°46'25"	2.011
22/04/2024 00:00:00	♁	22°02'10" ♂	17°31'42"	-00°46'25"	00°13'47"	5.944
22/04/2024 00:00:00	♂	15°48'33" ♀	-07°10'48"	-01°43'08"	00°05'47"	10.369
22/04/2024 00:00:00	♁	21°52'47" ♂	17°58'39"	-00°16'02"	00°03'19"	20.540
22/04/2024 00:00:00	♁	28°38'46" ♀	-01°39'53"	-01°13'39"	00°01'57"	30.732
22/04/2024 00:00:00	♁	02°04'35" ♀	-22°37'14"	-03°00'07"	00°00'18"	34.979
22/04/2024 00:00:00	♁	15°39'17" ♀	06°09'42"	00°00'00"	00°00'21"	0.002
22/04/2024 00:00:00	♄	20°11'00" ♀	08°57'44"	01°09'35"	00°03'28"	19.667
22/04/2024 00:00:00	♁	22°25'04" ♀	04°49'24"	01°58'33"	00°06'39"	0.003

Ephemerides year 2024

22/04/2024 00:00:00	T♄	15°39'17" ♀	06°09'42"	00°00'00"	00°00'21"	0.002
22/04/2024 00:00:00	T♄	19°26'20" ♀	06°19'38"	02°20'02"	01°05'16"	0.003
22/04/2024 00:00:00	X	24°53'27" ♀	-00°24'31"	-10°46'45"	00°00'39"	96.654
22/04/2024 00:00:00	Y	29°55'54" ♂	08°38'26"	-11°44'49"	00°00'43"	84.346
23/04/2024 00:00:00	☉	03°19'58" ♂	12°37'30"	-00°00'00"	00°58'28"	1.005
23/04/2024 00:00:00	☾	22°16'59" ♀	-09°14'25"	-00°36'34"	12°01'59"	0.003
23/04/2024 00:00:00	♃	16°14'59" ♀	05°43'56"	-00°42'46"	-00°12'41"	0.610
23/04/2024 00:00:00	♂	22°00'47" ♀	07°17'33"	-01°22'51"	01°13'58"	1.684
23/04/2024 00:00:00	♂	24°05'37" ♀	-03°30'27"	-01°15'55"	00°46'24"	2.007
23/04/2024 00:00:00	♃	22°15'58" ♂	17°35'21"	-00°46'18"	00°13'49"	5.950
23/04/2024 00:00:00	♃	15°54'18" ♀	-07°08'43"	-01°43'18"	00°05'43"	10.357
23/04/2024 00:00:00	♃	21°56'07" ♂	17°59'31"	-00°16'02"	00°03'20"	20.545
23/04/2024 00:00:00	♃	28°40'44" ♀	-01°39'07"	-01°13'41"	00°01'56"	30.722
23/04/2024 00:00:00	♃	02°04'52" ♀	-22°37'21"	-03°00'17"	00°00'16"	34.963
23/04/2024 00:00:00	♃	15°39'14" ♀	06°09'40"	00°00'00"	-00°00'29"	0.002
23/04/2024 00:00:00	♃	20°14'29" ♀	08°59'00"	01°09'32"	00°03'28"	19.664
23/04/2024 00:00:00	♃	22°31'43" ♀	04°46'01"	01°57'44"	00°06'39"	0.003
23/04/2024 00:00:00	T♄	15°39'14" ♀	06°09'40"	00°00'00"	-00°00'29"	0.002
23/04/2024 00:00:00	T♄	20°46'08" ♀	05°41'58"	02°13'15"	01°38'05"	0.003



Ephemerides year 2024

23/04/2024 00:00:00	X	24°54'06" ♄	-00°24'16"	-10°46'44"	00°00'39"	96.652
23/04/2024 00:00:00	Y	29°56'38" ♃	08°38'38"	-11°44'45"	00°00'43"	84.353
24/04/2024 00:00:00	☉	04°18'25" ♃	12°57'19"	-00°00'00"	00°58'26"	1.006
24/04/2024 00:00:00	☾	04°23'35" ♃	-14°34'47"	-01°41'42"	12°11'30"	0.003
24/04/2024 00:00:00	♀	16°04'47" ♄	05°26'18"	-00°57'37"	-00°07'42"	0.619
24/04/2024 00:00:00	♀	23°14'45" ♄	07°45'49"	-01°21'54"	01°13'57"	1.686
24/04/2024 00:00:00	♂	24°52'01" ♃	-03°12'05"	-01°15'57"	00°46'23"	2.003
24/04/2024 00:00:00	♃	22°29'48" ♃	17°38'59"	-00°46'11"	00°13'50"	5.955
24/04/2024 00:00:00	♃	16°00'00" ♃	-07°06'40"	-01°43'28"	00°05'40"	10.345
24/04/2024 00:00:00	♃	21°59'28" ♃	18°00'23"	-00°16'01"	00°03'21"	20.551
24/04/2024 00:00:00	♃	28°42'40" ♃	-01°38'23"	-01°13'42"	00°01'55"	30.713
24/04/2024 00:00:00	♃	02°05'08" ♃	-22°37'27"	-03°00'27"	00°00'14"	34.946
24/04/2024 00:00:00	♃	15°38'16" ♄	06°09'18"	00°00'00"	-00°01'26"	0.002
24/04/2024 00:00:00	♃	20°17'57" ♄	09°00'16"	01°09'29"	00°03'27"	19.660
24/04/2024 00:00:00	♃	22°38'23" ♃	04°42'38"	01°56'55"	00°06'39"	0.003
24/04/2024 00:00:00	T♃	15°38'16" ♄	06°09'18"	00°00'00"	-00°01'26"	0.002
24/04/2024 00:00:00	T♃	22°49'46" ♃	04°43'21"	02°02'36"	02°32'15"	0.003
24/04/2024 00:00:00	X	24°54'45" ♄	-00°24'01"	-10°46'43"	00°00'38"	96.650
24/04/2024 00:00:00	Y	29°57'22" ♃	08°38'51"	-11°44'41"	00°00'44"	84.360

Ephemerides year 2024

25/04/2024 00:00:00	☉	05°16'50" ♉	13°16'54"	-00°00'00"	00°58'24"	1.006
25/04/2024 00:00:00	☾	16°40'32" ♎	-19°25'19"	-02°42'59"	12°22'34"	0.003
25/04/2024 00:00:00	♃	15°59'35" ♈	05°11'13"	-01°11'48"	-00°02'41"	0.629
25/04/2024 00:00:00	♂	24°28'43" ♈	08°13'55"	-01°20'53"	01°13'57"	1.689
25/04/2024 00:00:00	♂	25°38'25" ♈	-02°53'41"	-01°15'58"	00°46'22"	1.999
25/04/2024 00:00:00	♃	22°43'40" ♉	17°42'36"	-00°46'05"	00°13'52"	5.960
25/04/2024 00:00:00	♃	16°05'39" ♈	-07°04'38"	-01°43'39"	00°05'36"	10.332
25/04/2024 00:00:00	♃	22°02'49" ♉	18°01'16"	-00°16'00"	00°03'22"	20.556
25/04/2024 00:00:00	♃	28°44'35" ♈	-01°37'39"	-01°13'44"	00°01'54"	30.703
25/04/2024 00:00:00	♃	02°05'22" ♎	-22°37'34"	-03°00'38"	00°00'13"	34.930
25/04/2024 00:00:00	♁	15°36'22" ♈	06°08'34"	00°00'00"	-00°02'21"	0.002
25/04/2024 00:00:00	♃	20°21'25" ♈	09°01'31"	01°09'26"	00°03'27"	19.655
25/04/2024 00:00:00	♃	22°45'02" ♎	04°39'15"	01°56'06"	00°06'39"	0.003
25/04/2024 00:00:00	T♁	15°36'22" ♈	06°08'34"	00°00'00"	-00°02'21"	0.002
25/04/2024 00:00:00	T♃	25°54'34" ♎	03°15'17"	01°46'29"	03°37'49"	0.003
25/04/2024 00:00:00	X	24°55'24" ♈	-00°23'47"	-10°46'42"	00°00'38"	96.647
25/04/2024 00:00:00	Y	29°58'06" ♉	08°39'04"	-11°44'37"	00°00'44"	84.366
26/04/2024 00:00:00	☉	06°15'14" ♉	13°36'17"	-00°00'00"	00°58'22"	1.006
26/04/2024 00:00:00	☾	29°09'08" ♎	-23°30'10"	o-03°37'24"	12°34'48"	0.003

Ephemerides year 2024

26/04/2024 00:00:00	♀	15°59'24" ♈	04°58'43"	-01°25'15"	00°02'17"	0.639
26/04/2024 00:00:00	♀	25°42'40" ♈	08°41'51"	-01°19'48"	01°13'57"	1.691
26/04/2024 00:00:00	♂	26°24'46" ♉	-02°35'16"	-01°15'58"	00°46'21"	1.995
26/04/2024 00:00:00	♈	22°57'33" ♉	17°46'13"	-00°45'58"	00°13'53"	5.965
26/04/2024 00:00:00	♉	16°11'14" ♉	-07°02'37"	-01°43'49"	00°05'33"	10.319
26/04/2024 00:00:00	♊	22°06'12" ♉	18°02'09"	-00°15'59"	00°03'22"	20.561
26/04/2024 00:00:00	♊	28°46'30" ♉	-01°36'55"	-01°13'46"	00°01'53"	30.693
26/04/2024 00:00:00	♋	02°05'34" ♊	-22°37'41"	-03°00'48"	00°00'11"	34.914
26/04/2024 00:00:00	♋	15°33'38" ♈	06°07'31"	00°00'00"	-00°03'02"	0.002
26/04/2024 00:00:00	♋	20°24'52" ♈	09°02'46"	01°09'23"	00°03'26"	19.651
26/04/2024 00:00:00	♋	22°51'41" ♉	04°35'52"	01°55'16"	00°06'39"	0.003
26/04/2024 00:00:00	♋	15°33'38" ♈	06°07'31"	00°00'00"	-00°03'02"	0.002
26/04/2024 00:00:00	♋	00°03'05" ♋	01°16'12"	01°24'24"	04°36'21"	0.003
26/04/2024 00:00:00	X	24°56'03" ♈	-00°23'32"	-10°46'41"	00°00'38"	96.644
26/04/2024 00:00:00	Y	29°58'51" ♉	08°39'16"	-11°44'33"	00°00'44"	84.373
27/04/2024 00:00:00	♈	07°13'36" ♉	13°55'26"	-00°00'00"	00°58'21"	1.006
27/04/2024 00:00:00	♈	11°50'27" ♉	-26°32'02"	-04°22'03"	12°47'57"	0.003
27/04/2024 00:00:00	♀	16°04'10" ♈	04°48'49"	-01°37'57"	00°07'12"	0.650
27/04/2024 00:00:00	♀	26°56'37" ♈	09°09'35"	-01°18'40"	01°13'56"	1.693

Ephemerides year 2024

27/04/2024 00:00:00	♂	27°11'07" ♈	-02°16'51"	-01°15'58"	00°46'20"	1.992
27/04/2024 00:00:00	♃	23°11'28" ♈	17°49'48"	-00°45'52"	00°13'55"	5.970
27/04/2024 00:00:00	♅	16°16'46" ♈	-07°00'38"	-01°44'00"	00°05'29"	10.307
27/04/2024 00:00:00	♁	22°09'35" ♈	18°03'01"	-00°15'59"	00°03'23"	20.565
27/04/2024 00:00:00	♃	28°48'23" ♈	-01°36'12"	-01°13'48"	00°01'52"	30.683
27/04/2024 00:00:00	♁	02°05'45" ♁	-22°37'49"	-03°00'59"	00°00'09"	34.898
27/04/2024 00:00:00	♁	15°30'23" ♁	06°06'16"	00°00'00"	-00°03'23"	0.002
27/04/2024 00:00:00	♃	20°28'18" ♁	09°04'01"	01°09'20"	00°03'25"	19.646
27/04/2024 00:00:00	♁	22°58'21" ♁	04°32'29"	01°54'27"	00°06'39"	0.003
27/04/2024 00:00:00	T♁	15°30'23" ♁	06°06'16"	00°00'00"	-00°03'23"	0.002
27/04/2024 00:00:00	T♁	04°58'37" ♁	-01°05'43"	00°57'38"	05°09'07"	0.003
27/04/2024 00:00:00	X	24°56'41" ♁	-00°23'18"	-10°46'41"	00°00'38"	96.640
27/04/2024 00:00:00	Y	29°59'36" ♈	08°39'28"	-11°44'30"	00°00'45"	84.379
28/04/2024 00:00:00	♁	08°11'56" ♈	14°14'21"	-00°00'00"	00°58'19"	1.007
28/04/2024 00:00:00	♃	24°45'18" ♈	-28°14'04"	-04°54'14"	13°01'52"	0.003
28/04/2024 00:00:00	♁	16°13'48" ♁	04°41'32"	-01°49'51"	00°12'02"	0.661
28/04/2024 00:00:00	♀	28°10'34" ♁	09°37'07"	-01°17'29"	01°13'56"	1.695
28/04/2024 00:00:00	♂	27°57'27" ♈	-01°58'26"	-01°15'57"	00°46'18"	1.988
28/04/2024 00:00:00	♃	23°25'24" ♈	17°53'23"	-00°45'45"	00°13'56"	5.975

Ephemerides year 2024

28/04/2024 00:00:00	♃	16°22'14" ♈	-06°58'41"	-01°44'11"	00°05'26"	10.294
28/04/2024 00:00:00	♅	22°12'59" ♉	18°03'54"	-00°15'58"	00°03'24"	20.570
28/04/2024 00:00:00	♆	28°50'15" ♊	-01°35'29"	-01°13'50"	00°01'51"	30.672
28/04/2024 00:00:00	♁	02°05'54" ♋	-22°37'57"	-03°01'09"	00°00'08"	34.881
28/04/2024 00:00:00	♄	15°27'01" ♌	06°04'58"	00°00'00"	-00°03'15"	0.002
28/04/2024 00:00:00	♂	20°31'43" ♍	09°05'16"	01°09'17"	00°03'25"	19.641
28/04/2024 00:00:00	♁	23°05'00" ♎	04°29'05"	01°53'38"	00°06'39"	0.003
28/04/2024 00:00:00	♄	15°27'01" ♌	06°04'58"	00°00'00"	-00°03'15"	0.002
28/04/2024 00:00:00	♁	10°08'36" ♋	-03°34'11"	00°29'09"	05°04'01"	0.003
28/04/2024 00:00:00	X	24°57'20" ♏	-00°23'03"	-10°46'40"	00°00'38"	96.637
28/04/2024 00:00:00	Y	00°00'22" ♐	08°39'41"	-11°44'26"	00°00'45"	84.385
29/04/2024 00:00:00	♁	09°10'15" ♌	14°33'03"	-00°00'00"	00°58'17"	1.007
29/04/2024 00:00:00	♃	07°54'26" ♈	-28°23'16"	-05°11'41"	13°16'29"	0.003
29/04/2024 00:00:00	♁	16°28'11" ♌	04°36'48"	-02°00'56"	00°16'43"	0.673
29/04/2024 00:00:00	♁	29°24'30" ♌	10°04'26"	-01°16'14"	01°13'56"	1.697
29/04/2024 00:00:00	♂	28°43'45" ♍	-01°40'00"	-01°15'56"	00°46'17"	1.984
29/04/2024 00:00:00	♁	23°39'22" ♌	17°56'57"	-00°45'39"	00°13'58"	5.979
29/04/2024 00:00:00	♃	16°27'38" ♈	-06°56'45"	-01°44'22"	00°05'22"	10.280
29/04/2024 00:00:00	♅	22°16'24" ♉	18°04'48"	-00°15'57"	00°03'24"	20.574

Ephemerides year 2024

29/04/2024 00:00:00	♁	28°52'07"	♈	-01°34'46"	-01°13'52"	00°01'50"	30.661
29/04/2024 00:00:00	♁	02°06'01"	♏	-22°38'05"	-03°01'20"	00°00'06"	34.865
29/04/2024 00:00:00	♁	15°24'01"	♈	06°03'48"	00°00'00"	-00°02'40"	0.002
29/04/2024 00:00:00	♁	20°35'08"	♈	09°06'31"	01°09'14"	00°03'24"	19.635
29/04/2024 00:00:00	♁	23°11'40"	♏	04°25'42"	01°52'48"	00°06'39"	0.003
29/04/2024 00:00:00	T♁	15°24'01"	♈	06°03'48"	00°00'00"	-00°02'40"	0.002
29/04/2024 00:00:00	T♁	14°53'03"	♏	-05°49'14"	00°02'50"	04°18'25"	0.003
29/04/2024 00:00:00	X	24°57'59"	♈	-00°22'49"	-10°46'40"	00°00'38"	96.633
29/04/2024 00:00:00	Y	00°01'07"	♏	08°39'53"	-11°44'23"	00°00'45"	84.390
30/04/2024 00:00:00	♁	10°08'32"	♏	14°51'30"	-00°00'00"	00°58'16"	1.007
30/04/2024 00:00:00	♁	21°18'30"	♏	-26°53'46"	o-05°12'40"	13°31'42"	0.003
30/04/2024 00:00:00	♁	16°47'13"	♈	04°34'36"	-02°11'11"	00°21'17"	0.685
30/04/2024 00:00:00	♁	00°38'26"	♏	10°31'31"	-01°14'57"	01°13'55"	1.699
30/04/2024 00:00:00	♁	29°30'02"	♈	-01°21'34"	-01°15'55"	00°46'16"	1.980
30/04/2024 00:00:00	♁	23°53'20"	♏	18°00'31"	-00°45'33"	00°13'59"	5.984
30/04/2024 00:00:00	♁	16°32'59"	♈	-06°54'50"	-01°44'33"	00°05'18"	10.267
30/04/2024 00:00:00	♁	22°19'49"	♏	18°05'41"	-00°15'57"	00°03'25"	20.578
30/04/2024 00:00:00	♁	28°53'57"	♈	-01°34'04"	-01°13'54"	00°01'49"	30.651
30/04/2024 00:00:00	♁	02°06'07"	♏	-22°38'14"	-03°01'30"	00°00'04"	34.849

Ephemerides year 2024

30/04/2024 00:00:00	♏	15°21'48" ♀	06°02'57"	00°00'00"	-00°01'42"	0.002
30/04/2024 00:00:00	♋	20°38'32" ♀	09°07'45"	01°09'11"	00°03'23"	19.630
30/04/2024 00:00:00	♌	23°18'19" ♀	04°22'18"	01°51'59"	00°06'39"	0.003
30/04/2024 00:00:00	♏	15°21'48" ♀	06°02'57"	00°00'00"	-00°01'42"	0.002
30/04/2024 00:00:00	♌	18°34'00" ♀	-07°32'51"	-00°17'36"	02°58'46"	0.003
30/04/2024 00:00:00	X	24°58'37" ♀	-00°22'35"	-10°46'39"	00°00'38"	96.628
30/04/2024 00:00:00	Y	00°01'53" ♀	08°40'05"	-11°44'19"	00°00'46"	84.396
01/05/2024 00:00:00	♉	11°06'48" ♀	15°09'42"	-00°00'00"	00°58'14"	1.008
01/05/2024 00:00:00	♊	04°57'59" ♀	-23°48'37"	-04°56'12"	13°47'17"	0.003
01/05/2024 00:00:00	♌	17°10'43" ♀	04°34'51"	-02°20'36"	00°25'41"	0.698
01/05/2024 00:00:00	♌	01°52'21" ♀	10°58'22"	-01°13'36"	01°13'55"	1.701
01/05/2024 00:00:00	♌	00°16'17" ♀	-01°03'08"	-01°15'52"	00°46'14"	1.977
01/05/2024 00:00:00	♌	24°07'21" ♀	18°04'03"	-00°45'26"	00°14'00"	5.988
01/05/2024 00:00:00	♌	16°38'15" ♀	-06°52'57"	-01°44'45"	00°05'14"	10.254
01/05/2024 00:00:00	♌	22°23'15" ♀	18°06'34"	-00°15'56"	00°03'26"	20.581
01/05/2024 00:00:00	♌	28°55'45" ♀	-01°33'23"	-01°13'56"	00°01'48"	30.639
01/05/2024 00:00:00	♌	02°06'11" ♀	-22°38'23"	-03°01'40"	00°00'03"	34.833
01/05/2024 00:00:00	♏	15°20'40" ♀	06°02'31"	00°00'00"	-00°00'32"	0.002
01/05/2024 00:00:00	♋	20°41'55" ♀	09°08'59"	01°09'08"	00°03'22"	19.624

Ephemerides year 2024

01/05/2024 00:00:00	☾	23°24'58" ♎	04°18'54"	01°51'09"	00°06'39"	0.003
01/05/2024 00:00:00	♁	15°20'40" ♏	06°02'31"	00°00'00"	-00°00'32"	0.002
01/05/2024 00:00:00	♁	20°44'07" ♏	-08°33'11"	-00°29'37"	01°19'59"	0.003
01/05/2024 00:00:00	X	24°59'16" ♏	-00°22'21"	-10°46'39"	00°00'38"	96.624
01/05/2024 00:00:00	Y	00°02'40" ♏	08°40'18"	-11°44'16"	00°00'46"	84.401
02/05/2024 00:00:00	☉	12°05'02" ♏	15°27'40"	-00°00'00"	00°58'13"	1.008
02/05/2024 00:00:00	☾	18°53'04" ♏	-19°18'46"	-04°22'15"	14°02'46"	0.002
02/05/2024 00:00:00	♀	17°38'33" ♏	04°37'30"	-02°29'11"	00°29'56"	0.711
02/05/2024 00:00:00	♀	03°06'17" ♏	11°24'58"	-01°12'11"	01°13'55"	1.703
02/05/2024 00:00:00	♂	01°02'31" ♏	-00°44'42"	-01°15'50"	00°46'13"	1.973
02/05/2024 00:00:00	♃	24°21'22" ♏	18°07'35"	-00°45'20"	00°14'01"	5.992
02/05/2024 00:00:00	♃	16°43'28" ♏	-06°51'06"	-01°44'56"	00°05'10"	10.240
02/05/2024 00:00:00	♃	22°26'41" ♏	18°07'27"	-00°15'55"	00°03'26"	20.584
02/05/2024 00:00:00	♃	28°57'33" ♏	-01°32'42"	-01°13'58"	00°01'46"	30.628
02/05/2024 00:00:00	♃	02°06'13" ♏	-22°38'33"	-03°01'51"	00°00'01"	34.817
02/05/2024 00:00:00	♁	15°20'41" ♏	06°02'31"	00°00'00"	00°00'32"	0.002
02/05/2024 00:00:00	♃	20°45'17" ♏	09°10'12"	01°09'06"	00°03'21"	19.618
02/05/2024 00:00:00	☾	23°31'38" ♎	04°15'31"	01°50'20"	00°06'39"	0.003
02/05/2024 00:00:00	♁	15°20'41" ♏	06°02'31"	00°00'00"	00°00'32"	0.002



Ephemerides year 2024

02/05/2024 00:00:00	T♄	21°15'10"	♈	-08°47'29"	-00°32'26"	-00°15'05"	0.003
02/05/2024 00:00:00	X	24°59'54"	♏	-00°22'08"	-10°46'39"	00°00'38"	96.619
02/05/2024 00:00:00	Y	00°03'26"	♁	08°40'30"	-11°44'13"	00°00'46"	84.405
03/05/2024 00:00:00	☉	13°03'14"	♌	15°45'23"	-00°00'00"	00°58'11"	1.008
03/05/2024 00:00:00	☾	03°03'14"	♏	-13°40'30"	-03°31'52"	14°17'19"	0.002
03/05/2024 00:00:00	♀	18°10'33"	♏	04°42'28"	-02°36'57"	00°34'02"	0.725
03/05/2024 00:00:00	♀	04°20'12"	♌	11°51'17"	-01°10'44"	01°13'54"	1.705
03/05/2024 00:00:00	♂	01°48'43"	♏	-00°26'17"	-01°15'46"	00°46'11"	1.969
03/05/2024 00:00:00	♃	24°35'24"	♌	18°11'06"	-00°45'14"	00°14'02"	5.995
03/05/2024 00:00:00	♅	16°48'36"	♏	-06°49'16"	-01°45'07"	00°05'06"	10.226
03/05/2024 00:00:00	♁	22°30'08"	♌	18°08'21"	-00°15'55"	00°03'26"	20.587
03/05/2024 00:00:00	♆	28°59'19"	♏	-01°32'02"	-01°14'00"	00°01'45"	30.617
03/05/2024 00:00:00	♁	02°06'14"	♈	-22°38'43"	-03°02'01"	-00°00'00"	34.801
03/05/2024 00:00:00	♁	15°21'37"	♏	06°02'53"	00°00'00"	00°01'16"	0.002
03/05/2024 00:00:00	♃	20°48'38"	♏	09°11'26"	01°09'03"	00°03'20"	19.611
03/05/2024 00:00:00	♄	23°38'17"	♏	04°12'07"	01°49'30"	00°06'39"	0.003
03/05/2024 00:00:00	T♁	15°21'37"	♏	06°02'53"	00°00'00"	00°01'16"	0.002
03/05/2024 00:00:00	T♄	20°23'34"	♈	-08°23'38"	-00°27'38"	-01°21'43"	0.003
03/05/2024 00:00:00	X	25°00'32"	♏	-00°21'54"	-10°46'39"	00°00'37"	96.614

Ephemerides year 2024

03/05/2024 00:00:00	Y	00°04'13" ♀	08°40'42"	-11°44'10"	00°00'46"	84.410
04/05/2024 00:00:00	☉	14°01'26" ♄	16°02'49"	-00°00'00"	00°58'10"	1.008
04/05/2024 00:00:00	☾	17°27'00" ♃	-07°13'15"	-02°27'28"	14°29'45"	0.002
04/05/2024 00:00:00	♀	18°46'35" ♃	04°49'39"	-02°43'53"	00°37'58"	0.739
04/05/2024 00:00:00	♀	05°34'06" ♄	12°17'21"	-01°09'14"	01°13'54"	1.706
04/05/2024 00:00:00	♂	02°34'53" ♃	-00°07'53"	-01°15'43"	00°46'09"	1.965
04/05/2024 00:00:00	♃	24°49'27" ♄	18°14'35"	-00°45'09"	00°14'03"	5.999
04/05/2024 00:00:00	♃	16°53'41" ♃	-06°47'28"	-01°45'19"	00°05'02"	10.212
04/05/2024 00:00:00	♃	22°33'35" ♄	18°09'14"	-00°15'54"	00°03'27"	20.590
04/05/2024 00:00:00	♃	29°01'04" ♃	-01°31'22"	-01°14'03"	00°01'44"	30.605
04/05/2024 00:00:00	♁	02°06'12" ♃	-22°38'54"	-03°02'12"	-00°00'02"	34.785
04/05/2024 00:00:00	♁	15°23'03" ♃	06°03'26"	00°00'00"	00°01'27"	0.002
04/05/2024 00:00:00	♁	20°51'58" ♃	09°12'39"	01°09'00"	00°03'19"	19.605
04/05/2024 00:00:00	♁	23°44'56" ♃	04°08'43"	01°48'41"	00°06'39"	0.003
04/05/2024 00:00:00	T♁	15°23'03" ♃	06°03'26"	00°00'00"	00°01'27"	0.002
04/05/2024 00:00:00	T♁	18°45'37" ♃	-07°38'08"	-00°18'33"	-01°47'29"	0.003
04/05/2024 00:00:00	X	25°01'09" ♃	-00°21'41"	-10°46'39"	00°00'37"	96.609
04/05/2024 00:00:00	Y	00°04'59" ♀	08°40'54"	-11°44'08"	00°00'46"	84.414
05/05/2024 00:00:00	☉	14°59'35" ♄	16°20'00"	-00°00'00"	00°58'08"	1.009

Ephemerides year 2024

05/05/2024 00:00:00	♃	02°01'33" ♀	-00°18'27"	-01°12'48"	14°38'36"	0.002
05/05/2024 00:00:00	♆	19°26'27" ♀	04°59'00"	-02°50'02"	00°41'45"	0.754
05/05/2024 00:00:00	♁	06°48'00" ♂	12°43'06"	-01°07'41"	01°13'53"	1.708
05/05/2024 00:00:00	♂	03°21'02" ♀	00°10'30"	-01°15'38"	00°46'07"	1.962
05/05/2024 00:00:00	♃	25°03'32" ♂	18°18'04"	-00°45'03"	00°14'04"	6.002
05/05/2024 00:00:00	♅	16°58'41" ♀	-06°45'42"	-01°45'31"	00°04'58"	10.198
05/05/2024 00:00:00	♁	22°37'02" ♂	18°10'07"	-00°15'53"	00°03'27"	20.592
05/05/2024 00:00:00	♆	29°02'47" ♀	-01°30'43"	-01°14'05"	00°01'42"	30.593
05/05/2024 00:00:00	♁	02°06'09" ♀	-22°39'04"	-03°02'22"	-00°00'03"	34.769
05/05/2024 00:00:00	♁	15°24'19" ♀	06°03'55"	00°00'00"	00°00'58"	0.002
05/05/2024 00:00:00	♂	20°55'17" ♀	09°13'51"	01°08'58"	00°03'18"	19.598
05/05/2024 00:00:00	♁	23°51'35" ♀	04°05'20"	01°47'51"	00°06'39"	0.003
05/05/2024 00:00:00	♁	15°24'19" ♀	06°03'55"	00°00'00"	00°00'58"	0.002
05/05/2024 00:00:00	♁	16°59'12" ♀	-06°48'25"	-00°08'41"	-01°41'54"	0.003
05/05/2024 00:00:00	X	25°01'47" ♀	-00°21'28"	-10°46'39"	00°00'37"	96.603
05/05/2024 00:00:00	Y	00°05'46" ♀	08°41'05"	-11°44'05"	00°00'46"	84.418
06/05/2024 00:00:00	♁	15°57'43" ♂	16°36'55"	-00°00'00"	00°58'07"	1.009
06/05/2024 00:00:00	♃	16°42'32" ♀	06°40'34"	00°07'06"	14°42'23"	0.002
06/05/2024 00:00:00	♆	20°10'02" ♀	05°10'24"	-02°55'22"	00°45'23"	0.768

Ephemerides year 2024

06/05/2024 00:00:00	♀	08°01'54" ♉	13°08'34"	-01°06'05"	01°13'53"	1.710
06/05/2024 00:00:00	♂	04°07'09" ♏	00°28'52"	-01°15'33"	00°46'06"	1.958
06/05/2024 00:00:00	♃	25°17'37" ♉	18°21'32"	-00°44'57"	00°14'05"	6.005
06/05/2024 00:00:00	♅	17°03'37" ♏	-06°43'57"	-01°45'43"	00°04'54"	10.184
06/05/2024 00:00:00	♁	22°40'30" ♉	18°11'01"	-00°15'53"	00°03'27"	20.595
06/05/2024 00:00:00	♃	29°04'29" ♏	-01°30'05"	-01°14'07"	00°01'41"	30.581
06/05/2024 00:00:00	♁	02°06'04" ♏	-22°39'16"	-03°02'32"	-00°00'05"	34.753
06/05/2024 00:00:00	♁	15°24'47" ♏	06°04'06"	00°00'00"	-00°00'06"	0.002
06/05/2024 00:00:00	♁	20°58'34" ♏	09°15'03"	01°08'55"	00°03'17"	19.591
06/05/2024 00:00:00	♁	23°58'14" ♏	04°01'56"	01°47'01"	00°06'39"	0.003
06/05/2024 00:00:00	♁	15°24'47" ♏	06°04'06"	00°00'00"	-00°00'06"	0.002
06/05/2024 00:00:00	♁	15°24'31" ♏	-06°03'58"	00°00'01"	-01°28'02"	0.003
06/05/2024 00:00:00	X	25°02'24" ♏	-00°21'15"	-10°46'39"	00°00'37"	96.597
06/05/2024 00:00:00	Y	00°06'33" ♏	08°41'17"	-11°44'03"	00°00'47"	84.422
07/05/2024 00:00:00	♁	16°55'50" ♉	16°53'33"	-00°00'00"	00°58'05"	1.009
07/05/2024 00:00:00	♁	01°24'15" ♉	13°18'48"	01°26'29"	14°39'55"	0.002
07/05/2024 00:00:00	♁	20°57'11" ♏	05°23'47"	-02°59'56"	00°48'52"	0.783
07/05/2024 00:00:00	♀	09°15'47" ♉	13°33'43"	-01°04'26"	01°13'53"	1.711
07/05/2024 00:00:00	♂	04°53'14" ♏	00°47'13"	-01°15'28"	00°46'04"	1.954

Ephemerides year 2024

07/05/2024 00:00:00	♈	25°31'43" ♂	18°24'59"	-00°44'51"	00°14'06"	6.008
07/05/2024 00:00:00	♉	17°08'29" ♀	-06°42'14"	-01°45'55"	00°04'49"	10.170
07/05/2024 00:00:00	♊	22°43'58" ♂	18°11'54"	-00°15'52"	00°03'28"	20.597
07/05/2024 00:00:00	♋	29°06'10" ♀	-01°29'27"	-01°14'09"	00°01'40"	30.568
07/05/2024 00:00:00	♌	02°05'58" ♀	-22°39'27"	-03°02'43"	-00°00'07"	34.737
07/05/2024 00:00:00	♍	15°23'57" ♀	06°03'47"	00°00'00"	-00°01'37"	0.002
07/05/2024 00:00:00	♎	21°01'51" ♀	09°16'15"	01°08'53"	00°03'16"	19.583
07/05/2024 00:00:00	♏	24°04'54" ♀	03°58'32"	01°46'11"	00°06'39"	0.003
07/05/2024 00:00:00	♐	15°23'57" ♀	06°03'47"	00°00'00"	-00°01'37"	0.002
07/05/2024 00:00:00	♑	13°58'58" ♀	-05°23'46"	00°07'45"	-01°26'07"	0.003
07/05/2024 00:00:00	♒	25°03'01" ♀	-00°21'02"	-10°46'40"	00°00'36"	96.591
07/05/2024 00:00:00	♓	00°07'21" ♀	08°41'28"	-11°44'00"	00°00'47"	84.425
08/05/2024 00:00:00	♈	17°53'55" ♂	17°09'54"	00°00'00"	00°58'04"	1.009
08/05/2024 00:00:00	♉	16°00'07" ♂	19°10'16"	02°39'32"	14°30'40"	0.002
08/05/2024 00:00:00	♊	21°47'45" ♀	05°39'03"	-03°03'43"	00°52'14"	0.798
08/05/2024 00:00:00	♋	10°29'41" ♂	13°58'32"	-01°02'45"	01°13'52"	1.713
08/05/2024 00:00:00	♌	05°39'18" ♀	01°05'33"	-01°15'22"	00°46'02"	1.950
08/05/2024 00:00:00	♍	25°45'50" ♂	18°28'24"	-00°44'46"	00°14'07"	6.011
08/05/2024 00:00:00	♎	17°13'17" ♀	-06°40'33"	-01°46'07"	00°04'45"	10.155

Ephemerides year 2024

08/05/2024 00:00:00	♃	22°47'27"	♏	18°12'47"	-00°15'52"	00°03'28"	20.598
08/05/2024 00:00:00	♃	29°07'50"	♃	-01°28'49"	-01°14'11"	00°01'38"	30.556
08/05/2024 00:00:00	♃	02°05'50"	♃	-22°39'39"	-03°02'53"	-00°00'08"	34.721
08/05/2024 00:00:00	♃	15°21'31"	♃	06°02'51"	00°00'00"	-00°03'13"	0.002
08/05/2024 00:00:00	♃	21°05'06"	♃	09°17'26"	01°08'50"	00°03'14"	19.576
08/05/2024 00:00:00	♃	24°11'33"	♃	03°55'08"	01°45'21"	00°06'39"	0.003
08/05/2024 00:00:00	♃	15°21'31"	♃	06°02'51"	00°00'00"	-00°03'13"	0.002
08/05/2024 00:00:00	♃	12°25'20"	♃	-04°39'44"	00°16'02"	-01°44'33"	0.003
08/05/2024 00:00:00	X	25°03'38"	♃	-00°20'50"	-10°46'40"	00°00'36"	96.585
08/05/2024 00:00:00	Y	00°08'08"	♃	08°41'40"	-11°43'58"	00°00'47"	84.429
09/05/2024 00:00:00	♃	18°51'59"	♏	17°25'58"	00°00'00"	00°58'02"	1.010
09/05/2024 00:00:00	♃	00°23'30"	♃	23°50'08"	03°41'14"	14°15'06"	0.002
09/05/2024 00:00:00	♃	22°41'37"	♃	05°56'07"	-03°06'46"	00°55'27"	0.814
09/05/2024 00:00:00	♃	11°43'33"	♏	14°23'01"	-01°01'00"	01°13'52"	1.715
09/05/2024 00:00:00	♃	06°25'19"	♃	01°23'51"	-01°15'16"	00°46'00"	1.946
09/05/2024 00:00:00	♃	25°59'57"	♏	18°31'49"	-00°44'40"	00°14'07"	6.013
09/05/2024 00:00:00	♃	17°18'01"	♃	-06°38'53"	-01°46'19"	00°04'41"	10.141
09/05/2024 00:00:00	♃	22°50'55"	♏	18°13'41"	-00°15'51"	00°03'28"	20.600
09/05/2024 00:00:00	♃	29°09'28"	♃	-01°28'12"	-01°14'14"	00°01'37"	30.543

Ephemerides year 2024

09/05/2024 00:00:00	♁	02°05'40"	♊	-22°39'51"	-03°03'03"	-00°00'10"	34.706
09/05/2024 00:00:00	♁	15°17'34"	♊	06°01'19"	00°00'00"	-00°04'35"	0.002
09/05/2024 00:00:00	♁	21°08'21"	♊	09°18'37"	01°08'48"	00°03'13"	19.568
09/05/2024 00:00:00	♁	24°18'12"	♊	03°51'44"	01°44'31"	00°06'39"	0.003
09/05/2024 00:00:00	♁	15°17'34"	♊	06°01'19"	00°00'00"	-00°04'35"	0.002
09/05/2024 00:00:00	♁	10°24'20"	♊	-03°42'40"	00°26'38"	-02°19'13"	0.003
09/05/2024 00:00:00	X	25°04'15"	♊	-00°20'37"	-10°46'41"	00°00'36"	96.578
09/05/2024 00:00:00	Y	00°08'56"	♊	08°41'51"	-11°43'56"	00°00'47"	84.431
10/05/2024 00:00:00	♁	19°50'01"	♊	17°41'44"	00°00'00"	00°58'01"	1.010
10/05/2024 00:00:00	♁	14°28'39"	♊	26°58'17"	04°28'00"	13°54'31"	0.003
10/05/2024 00:00:00	♁	23°38'38"	♊	06°14'55"	-03°09'05"	00°58'34"	0.830
10/05/2024 00:00:00	♁	12°57'26"	♊	14°47'09"	-00°59'14"	01°13'52"	1.716
10/05/2024 00:00:00	♁	07°11'18"	♊	01°42'08"	-01°15'09"	00°45'58"	1.943
10/05/2024 00:00:00	♁	26°14'05"	♊	18°35'12"	-00°44'35"	00°14'08"	6.016
10/05/2024 00:00:00	♁	17°22'40"	♊	-06°37'16"	-01°46'31"	00°04'36"	10.126
10/05/2024 00:00:00	♁	22°54'24"	♊	18°14'34"	-00°15'51"	00°03'29"	20.601
10/05/2024 00:00:00	♁	29°11'05"	♊	-01°27'36"	-01°14'16"	00°01'36"	30.530
10/05/2024 00:00:00	♁	02°05'29"	♊	-22°40'04"	-03°03'14"	-00°00'12"	34.690
10/05/2024 00:00:00	♁	15°12'30"	♊	05°59'22"	00°00'00"	-00°05'26"	0.002

Ephemerides year 2024

10/05/2024 00:00:00	♁	21°11'34" ♀	09°19'47"	01°08'46"	00°03'12"	19.560
10/05/2024 00:00:00	♁	24°24'51" ♀	03°48'19"	01°43'42"	00°06'39"	0.003
10/05/2024 00:00:00	♁	15°12'30" ♀	05°59'22"	00°00'00"	-00°05'26"	0.002
10/05/2024 00:00:00	♁	07°46'04" ♀	-02°27'44"	00°40'27"	-02°56'11"	0.003
10/05/2024 00:00:00	X	25°04'51" ♀	-00°20'25"	-10°46'42"	00°00'36"	96.571
10/05/2024 00:00:00	Y	00°09'44" ♀	08°42'02"	-11°43'54"	00°00'48"	84.434
11/05/2024 00:00:00	♁	20°48'01" ♀	17°57'13"	00°00'00"	00°57'59"	1.010
11/05/2024 00:00:00	♁	28°11'32" ♀	28°23'27"	04°57'55"	13°30'54"	0.003
11/05/2024 00:00:00	♁	24°38'43" ♀	06°35'20"	-03°10'40"	01°01'34"	0.846
11/05/2024 00:00:00	♁	14°11'17" ♀	15°10'55"	-00°57'25"	01°13'51"	1.717
11/05/2024 00:00:00	♁	07°57'15" ♀	02°00'22"	-01°15'01"	00°45'55"	1.939
11/05/2024 00:00:00	♁	26°28'14" ♀	18°38'35"	-00°44'30"	00°14'08"	6.018
11/05/2024 00:00:00	♁	17°27'15" ♀	-06°35'40"	-01°46'44"	00°04'32"	10.111
11/05/2024 00:00:00	♁	22°57'54" ♀	18°15'27"	-00°15'50"	00°03'29"	20.602
11/05/2024 00:00:00	♁	29°12'40" ♀	-01°27'00"	-01°14'18"	00°01'34"	30.517
11/05/2024 00:00:00	♁	02°05'16" ♀	-22°40'17"	-03°03'24"	-00°00'13"	34.675
11/05/2024 00:00:00	♁	15°06'55" ♀	05°57'13"	00°00'00"	-00°05'35"	0.002
11/05/2024 00:00:00	♁	21°14'46" ♀	09°20'57"	01°08'43"	00°03'11"	19.551
11/05/2024 00:00:00	♁	24°31'31" ♀	03°44'55"	01°42'51"	00°06'39"	0.003



Ephemerides year 2024

11/05/2024 00:00:00	T♁	15°06'55" ♀	05°57'13"	00°00'00"	-00°05'35"	0.002
11/05/2024 00:00:00	T♄	04°37'10" ♀	-00°57'56"	00°56'51"	-03°17'41"	0.003
11/05/2024 00:00:00	X	25°05'28" ♀	-00°20'13"	-10°46'42"	00°00'36"	96.564
11/05/2024 00:00:00	Y	00°10'32" ♀	08°42'13"	-11°43'52"	00°00'48"	84.436
12/05/2024 00:00:00	♁	21°46'00" ♀	18°12'23"	00°00'00"	00°57'57"	1.010
12/05/2024 00:00:00	♂	11°30'13" ♀	28°05'53" ♀	05°10'40"	13°06'28"	0.003
12/05/2024 00:00:00	♀	25°41'45" ♀	06°57'19"	-03°11'34"	01°04'28"	0.862
12/05/2024 00:00:00	♁	15°25'09" ♀	15°34'18"	-00°55'33"	01°13'51"	1.719
12/05/2024 00:00:00	♂	08°43'10" ♀	02°18'34"	-01°14'53"	00°45'53"	1.935
12/05/2024 00:00:00	♂	26°42'23" ♀	18°41'56"	-00°44'25"	00°14'09"	6.020
12/05/2024 00:00:00	♂	17°31'45" ♀	-06°34'06"	-01°46'56"	00°04'27"	10.096
12/05/2024 00:00:00	♂	23°01'23" ♀	18°16'20"	-00°15'50"	00°03'29"	20.602
12/05/2024 00:00:00	♂	29°14'14" ♀	-01°26'25"	-01°14'21"	00°01'33"	30.504
12/05/2024 00:00:00	♂	02°05'02" ♀	-22°40'30"	-03°03'34"	-00°00'15"	34.659
12/05/2024 00:00:00	♁	15°01'34" ♀	05°55'09"	00°00'00"	-00°05'00"	0.002
12/05/2024 00:00:00	♂	21°17'56" ♀	09°22'07"	01°08'41"	00°03'09"	19.543
12/05/2024 00:00:00	♂	24°38'10" ♀	03°41'31"	01°42'01"	00°06'39"	0.003
12/05/2024 00:00:00	T♁	15°01'34" ♀	05°55'09"	00°00'00"	-00°05'00"	0.002
12/05/2024 00:00:00	T♄	01°19'54" ♀	00°36'00"	01°13'52"	-03°12'01"	0.003

Ephemerides year 2024

12/05/2024 00:00:00	X	25°06'04" ♀	-00°20'01"	-10°46'43"	00°00'35"	96.557
12/05/2024 00:00:00	Y	00°11'20" ♀	08°42'24"	-11°43'51"	00°00'48"	84.439
13/05/2024 00:00:00	☉	22°43'57" ♀	18°27'15"	00°00'00"	00°57'55"	1.010
13/05/2024 00:00:00	☾	24°24'55" ♀	26°16'09" ♀	05°07'03"	12°43'17"	0.003
13/05/2024 00:00:00	♁	26°47'37" ♀	07°20'47"	-03°11'46"	01°07'16"	0.878
13/05/2024 00:00:00	♂	16°38'59" ♀	15°57'18"	-00°53'40"	01°13'50"	1.720
13/05/2024 00:00:00	♂	09°29'02" ♀	02°36'43"	-01°14'45"	00°45'51"	1.931
13/05/2024 00:00:00	♃	26°56'32" ♀	18°45'16"	-00°44'20"	00°14'09"	6.021
13/05/2024 00:00:00	♄	17°36'10" ♀	-06°32'34"	-01°47'09"	00°04'23"	10.081
13/05/2024 00:00:00	♅	23°04'53" ♀	18°17'13"	-00°15'50"	00°03'29"	20.602
13/05/2024 00:00:00	♆	29°15'46" ♀	-01°25'50"	-01°14'23"	00°01'31"	30.491
13/05/2024 00:00:00	♇	02°04'45" ♀	-22°40'44"	-03°03'45"	-00°00'17"	34.644
13/05/2024 00:00:00	♈	14°57'07" ♀	05°53'25"	00°00'00"	-00°03'49"	0.002
13/05/2024 00:00:00	♉	21°21'05" ♀	09°23'16"	01°08'39"	00°03'08"	19.534
13/05/2024 00:00:00	♊	24°44'49" ♀	03°38'06"	01°41'11"	00°06'39"	0.003
13/05/2024 00:00:00	T♈	14°57'07" ♀	05°53'25"	00°00'00"	-00°03'49"	0.002
13/05/2024 00:00:00	T♉	28°21'44" ♀	02°00'49"	01°29'05"	-02°40'54"	0.003
13/05/2024 00:00:00	X	25°06'39" ♀	-00°19'49"	-10°46'44"	00°00'35"	96.549
13/05/2024 00:00:00	Y	00°12'09" ♀	08°42'35"	-11°43'49"	00°00'48"	84.440

Ephemerides year 2024

14/05/2024 00:00:00	♁	23°41'52" ♈	18°41'49"	00°00'00"	00°57'54"	1.011
14/05/2024 00:00:00	♃	06°57'48" ♉	23°10'54"	04°48'39"	12°23'02"	0.003
14/05/2024 00:00:00	♄	27°56'16" ♊	07°45'39"	-03°11'18"	01°10'00"	0.895
14/05/2024 00:00:00	♅	17°52'50" ♋	16°19'54"	-00°51'44"	01°13'49"	1.721
14/05/2024 00:00:00	♆	10°14'53" ♌	02°54'50"	-01°14'36"	00°45'48"	1.928
14/05/2024 00:00:00	♇	27°10'41" ♍	18°48'35"	-00°44'15"	00°14'09"	6.023
14/05/2024 00:00:00	♈	17°40'31" ♎	-06°31'03"	-01°47'21"	00°04'18"	10.066
14/05/2024 00:00:00	♉	23°08'21" ♏	18°18'06"	-00°15'49"	00°03'29"	20.602
14/05/2024 00:00:00	♊	29°17'17" ♐	-01°25'16"	-01°14'26"	00°01'30"	30.477
14/05/2024 00:00:00	♋	02°04'27" ♑	-22°40'58"	-03°03'55"	-00°00'18"	34.629
14/05/2024 00:00:00	♌	14°54'03" ♒	05°52'14"	00°00'00"	-00°02'16"	0.002
14/05/2024 00:00:00	♍	21°24'13" ♓	09°24'24"	01°08'37"	00°03'06"	19.525
14/05/2024 00:00:00	♎	24°51'29" ♈	03°34'42"	01°40'21"	00°06'39"	0.003
14/05/2024 00:00:00	T♏	14°54'03" ♒	05°52'14"	00°00'00"	-00°02'16"	0.002
14/05/2024 00:00:00	T♑	26°02'20" ♓	03°07'04"	01°40'54"	-01°57'04"	0.003
14/05/2024 00:00:00	X	25°07'15" ♒	-00°19'38"	-10°46'45"	00°00'35"	96.541
14/05/2024 00:00:00	Y	00°12'57" ♈	08°42'46"	-11°43'48"	00°00'48"	84.442
15/05/2024 00:00:00	♁	24°39'45" ♈	18°56'03"	00°00'00"	00°57'52"	1.011
15/05/2024 00:00:00	♃	19°12'24" ♉	19°08'01"	04°17'23"	12°06'54"	0.003

Ephemerides year 2024

15/05/2024 00:00:00	♀	29°07'36" ♀	08°11'50"	-03°10'10"	01°12'39"	0.911
15/05/2024 00:00:00	♀	19°06'39" ♀	16°42'06"	-00°49'45"	01°13'49"	1.723
15/05/2024 00:00:00	♂	11°00'40" ♀	03°12'55"	-01°14'26"	00°45'46"	1.924
15/05/2024 00:00:00	♃	27°24'51" ♀	18°51'53"	-00°44'10"	00°14'09"	6.024
15/05/2024 00:00:00	♅	17°44'48" ♀	-06°29'35"	-01°47'34"	00°04'13"	10.050
15/05/2024 00:00:00	♁	23°11'50" ♀	18°19'00"	-00°15'48"	00°03'29"	20.602
15/05/2024 00:00:00	♃	29°18'46" ♀	-01°24'43"	-01°14'28"	00°01'28"	30.463
15/05/2024 00:00:00	♁	02°04'08" ♀	-22°41'12"	-03°04'05"	-00°00'20"	34.614
15/05/2024 00:00:00	♁	14°52'34" ♀	05°51'40"	00°00'00"	-00°00'41"	0.002
15/05/2024 00:00:00	♁	21°27'19" ♀	09°25'32"	01°08'35"	00°03'05"	19.516
15/05/2024 00:00:00	♁	24°58'08" ♀	03°31'17"	01°39'31"	00°06'39"	0.003
15/05/2024 00:00:00	T♁	14°52'34" ♀	05°51'40"	00°00'00"	-00°00'41"	0.002
15/05/2024 00:00:00	T♁	24°26'54" ♀	03°52'20"	01°48'57"	-01°15'08"	0.003
15/05/2024 00:00:00	X	25°07'50" ♀	-00°19'27"	-10°46'47"	00°00'34"	96.533
15/05/2024 00:00:00	Y	00°13'45" ♀	08°42'57"	-11°43'47"	00°00'48"	84.443
16/05/2024 00:00:00	♁	25°37'36" ♀	19°09'57"	00°00'00"	00°57'50"	1.011
16/05/2024 00:00:00	♁	01°13'13" ♀	14°23'28"	03°35'17"	11°55'34"	0.003
16/05/2024 00:00:00	♀	00°21'34" ♀	08°39'17"	-03°08'24"	01°15'14"	0.928
16/05/2024 00:00:00	♀	20°20'28" ♀	17°03'51"	-00°47'45"	01°13'48"	1.724

Ephemerides year 2024

16/05/2024 00:00:00	♂	11°46'26" ♏	03°30'56"	-01°14'16"	00°45'44"	1.920
16/05/2024 00:00:00	♃	27°39'00" ♏	18°55'09"	-00°44'05"	00°14'09"	6.025
16/05/2024 00:00:00	♅	17°48'59" ♏	-06°28'08"	-01°47'47"	00°04'09"	10.035
16/05/2024 00:00:00	♁	23°15'19" ♏	18°19'53"	-00°15'48"	00°03'29"	20.602
16/05/2024 00:00:00	♃	29°20'14" ♏	-01°24'10"	-01°14'31"	00°01'26"	30.449
16/05/2024 00:00:00	♁	02°03'47" ♏	-22°41'27"	-03°04'15"	-00°00'22"	34.599
16/05/2024 00:00:00	♁	14°52'35" ♏	05°51'40"	00°00'00"	00°00'37"	0.002
16/05/2024 00:00:00	♃	21°30'23" ♏	09°26'39"	01°08'33"	00°03'03"	19.506
16/05/2024 00:00:00	♁	25°04'47" ♏	03°27'53"	01°38'41"	00°06'39"	0.003
16/05/2024 00:00:00	♁	14°52'35" ♏	05°51'40"	00°00'00"	00°00'37"	0.002
16/05/2024 00:00:00	♁	23°27'57" ♏	04°20'17"	01°53'56"	-00°45'17"	0.003
16/05/2024 00:00:00	X	25°08'24" ♏	-00°19'16"	-10°46'48"	00°00'34"	96.524
16/05/2024 00:00:00	Y	00°14'34" ♏	08°43'07"	-11°43'46"	00°00'48"	84.444
17/05/2024 00:00:00	♁	26°35'26" ♏	19°23'33"	00°00'00"	00°57'48"	1.011
17/05/2024 00:00:00	♁	13°05'16" ♏	09°10'26"	02°44'23"	11°49'21"	0.003
17/05/2024 00:00:00	♁	01°38'05" ♏	09°07'54"	-03°05'59"	01°17'47"	0.945
17/05/2024 00:00:00	♀	21°34'17" ♏	17°25'11"	-00°45'43"	01°13'48"	1.725
17/05/2024 00:00:00	♂	12°32'08" ♏	03°48'54"	-01°14'06"	00°45'41"	1.916
17/05/2024 00:00:00	♃	27°53'10" ♏	18°58'24"	-00°44'00"	00°14'09"	6.026

Ephemerides year 2024

17/05/2024 00:00:00	♃	17°53'06" ♈	-06°26'44"	-01°48'00"	00°04'04"	10.020
17/05/2024 00:00:00	♃	23°18'48" ♈	18°20'45"	-00°15'47"	00°03'28"	20.601
17/05/2024 00:00:00	♃	29°21'40" ♈	-01°23'38"	-01°14'33"	00°01'25"	30.435
17/05/2024 00:00:00	♃	02°03'24" ♈	-22°41'42"	-03°04'25"	-00°00'23"	34.584
17/05/2024 00:00:00	♃	14°53'39" ♈	05°52'05"	00°00'00"	00°01'25"	0.002
17/05/2024 00:00:00	♃	21°33'26" ♈	09°27'46"	01°08'31"	00°03'02"	19.496
17/05/2024 00:00:00	♃	25°11'26" ♈	03°24'28"	01°37'50"	00°06'39"	0.003
17/05/2024 00:00:00	♃	14°53'39" ♈	05°52'05"	00°00'00"	00°01'25"	0.002
17/05/2024 00:00:00	♃	22°50'44" ♈	04°37'56"	01°57'07"	-00°32'01"	0.003
17/05/2024 00:00:00	X	25°08'59" ♈	-00°19'05"	-10°46'49"	00°00'34"	96.516
17/05/2024 00:00:00	Y	00°15'22" ♈	08°43'18"	-11°43'45"	00°00'48"	84.445
18/05/2024 00:00:00	♃	27°33'14" ♈	19°36'48"	00°00'00"	00°57'47"	1.011
18/05/2024 00:00:00	♃	24°53'38" ♈	03°39'43"	01°46'45"	11°48'12"	0.003
18/05/2024 00:00:00	♃	02°57'07" ♈	09°37'38"	-03°02'59"	01°20'16"	0.962
18/05/2024 00:00:00	♃	22°48'05" ♈	17°46'04"	-00°43'39"	01°13'47"	1.726
18/05/2024 00:00:00	♃	13°17'49" ♈	04°06'49"	-01°13'55"	00°45'39"	1.912
18/05/2024 00:00:00	♃	28°07'19" ♈	19°01'38"	-00°43'56"	00°14'09"	6.027
18/05/2024 00:00:00	♃	17°57'08" ♈	-06°25'21"	-01°48'13"	00°03'59"	10.004
18/05/2024 00:00:00	♃	23°22'17" ♈	18°21'38"	-00°15'47"	00°03'28"	20.600

Ephemerides year 2024

18/05/2024 00:00:00	♁	29°23'05"	♈	-01°23'07"	-01°14'36"	00°01'23"	30.421
18/05/2024 00:00:00	♁	02°02'59"	♊	-22°41'58"	-03°04'35"	-00°00'25"	34.569
18/05/2024 00:00:00	♁	14°55'12"	♈	05°52'41"	00°00'00"	00°01'31"	0.002
18/05/2024 00:00:00	♁	21°36'28"	♈	09°28'52"	01°08'29"	00°03'00"	19.486
18/05/2024 00:00:00	♁	25°18'05"	♎	03°21'04"	01°37'00"	00°06'39"	0.003
18/05/2024 00:00:00	T♁	14°55'12"	♈	05°52'41"	00°00'00"	00°01'31"	0.002
18/05/2024 00:00:00	T♁	22°18'27"	♎	04°53'13"	01°59'51"	-00°34'58"	0.003
18/05/2024 00:00:00	X	25°09'33"	♈	-00°18'54"	-10°46'51"	00°00'33"	96.507
18/05/2024 00:00:00	Y	00°16'11"	♈	08°43'28"	-11°43'44"	00°00'48"	84.445
19/05/2024 00:00:00	♁	28°31'00"	♏	19°49'43"	-00°00'00"	00°57'45"	1.012
19/05/2024 00:00:00	♁	06°43'16"	♎	-01°59'12"	00°44'30"	11°51'47"	0.003
19/05/2024 00:00:00	♁	04°18'37"	♏	10°08'24"	-02°59'22"	01°22'42"	0.979
19/05/2024 00:00:00	♁	24°01'52"	♏	18°06'29"	-00°41'33"	01°13'47"	1.727
19/05/2024 00:00:00	♁	14°03'27"	♈	04°24'41"	-01°13'43"	00°45'36"	1.909
19/05/2024 00:00:00	♁	28°21'28"	♏	19°04'50"	-00°43'51"	00°14'08"	6.027
19/05/2024 00:00:00	♁	18°01'05"	♈	-06°24'01"	-01°48'27"	00°03'54"	9.988
19/05/2024 00:00:00	♁	23°25'45"	♏	18°22'31"	-00°15'46"	00°03'28"	20.598
19/05/2024 00:00:00	♁	29°24'28"	♈	-01°22'37"	-01°14'38"	00°01'22"	30.407
19/05/2024 00:00:00	♁	02°02'33"	♊	-22°42'13"	-03°04'46"	-00°00'26"	34.555

Ephemerides year 2024

19/05/2024 00:00:00	♏	14°56'27" ♀	05°53'10"	00°00'00"	00°00'52"	0.002
19/05/2024 00:00:00	♋	21°39'27" ♀	09°29'58"	01°08'27"	00°02'58"	19.476
19/05/2024 00:00:00	♌	25°24'44" ♀	03°17'39"	01°36'10"	00°06'39"	0.003
19/05/2024 00:00:00	T♏	14°56'27" ♀	05°53'10"	00°00'00"	00°00'52"	0.002
19/05/2024 00:00:00	T♌	21°36'55" ♀	05°12'44"	02°03'14"	-00°49'19"	0.003
19/05/2024 00:00:00	X	25°10'07" ♀	-00°18'44"	-10°46'53"	00°00'33"	96.498
19/05/2024 00:00:00	Y	00°16'59" ♀	08°43'38"	-11°43'44"	00°00'48"	84.445
20/05/2024 00:00:00	♉	29°28'45" ♂	20°02'18"	-00°00'00"	00°57'43"	1.012
20/05/2024 00:00:00	♊	18°38'38" ♀	-07°36'52"	-00°20'02"	11°59'34"	0.003
20/05/2024 00:00:00	♍	05°42'32" ♂	10°40'07"	-02°55'09"	01°25'07"	0.996
20/05/2024 00:00:00	♎	25°15'39" ♂	18°26'25"	-00°39'25"	01°13'46"	1.728
20/05/2024 00:00:00	♏	14°49'02" ♀	04°42'29"	-01°13'31"	00°45'34"	1.905
20/05/2024 00:00:00	♐	28°35'37" ♂	19°08'02"	-00°43'47"	00°14'09"	6.028
20/05/2024 00:00:00	♑	18°04'57" ♀	-06°22'42"	-01°48'40"	00°03'49"	9.973
20/05/2024 00:00:00	♒	23°29'14" ♂	18°23'23"	-00°15'46"	00°03'28"	20.597
20/05/2024 00:00:00	♓	29°25'49" ♀	-01°22'07"	-01°14'41"	00°01'20"	30.392
20/05/2024 00:00:00	P	02°02'05" ♀	-22°42'29"	-03°04'56"	-00°00'28"	34.540
20/05/2024 00:00:00	♏	14°56'42" ♀	05°53'16"	00°00'00"	-00°00'28"	0.002
20/05/2024 00:00:00	♋	21°42'25" ♀	09°31'03"	01°08'25"	00°02'57"	19.466



Ephemerides year 2024

20/05/2024 00:00:00	☾	25°31'23" ♎	03°14'14"	01°35'19"	00°06'39"	0.003
20/05/2024 00:00:00	♁	14°56'42" ♏	05°53'16"	00°00'00"	-00°00'28"	0.002
20/05/2024 00:00:00	♁	20°39'14" ♎	05°39'40"	02°07'46"	-01°05'12"	0.003
20/05/2024 00:00:00	X	25°10'40" ♏	-00°18'34"	-10°46'54"	00°00'33"	96.488
20/05/2024 00:00:00	Y	00°17'48" ♏	08°43'48"	-11°43'43"	00°00'48"	84.445
21/05/2024 00:00:00	☉	00°26'28" ♏	20°14'32"	-00°00'00"	00°57'42"	1.012
21/05/2024 00:00:00	♃	00°43'33" ♎	-13°02'38"	-01°24'25"	12°10'47"	0.003
21/05/2024 00:00:00	♀	07°08'51" ♏	11°12'44"	-02°50'23"	01°27'30"	1.014
21/05/2024 00:00:00	♀	26°29'26" ♏	18°45'53"	-00°37'16"	01°13'46"	1.729
21/05/2024 00:00:00	♂	15°34'35" ♏	05°00'13"	-01°13'18"	00°45'31"	1.901
21/05/2024 00:00:00	♃	28°49'46" ♏	19°11'12"	-00°43'42"	00°14'08"	6.028
21/05/2024 00:00:00	♅	18°08'44" ♏	-06°21'26"	-01°48'53"	00°03'44"	9.957
21/05/2024 00:00:00	♅	23°32'42" ♏	18°24'15"	-00°15'45"	00°03'27"	20.595
21/05/2024 00:00:00	♅	29°27'09" ♏	-01°21'37"	-01°14'43"	00°01'18"	30.378
21/05/2024 00:00:00	♁	02°01'36" ♏	-22°42'46"	-03°05'06"	-00°00'29"	34.526
21/05/2024 00:00:00	♁	14°55'20" ♏	05°52'44"	00°00'00"	-00°02'19"	0.002
21/05/2024 00:00:00	♃	21°45'22" ♏	09°32'07"	01°08'23"	00°02'55"	19.455
21/05/2024 00:00:00	☾	25°38'02" ♎	03°10'49"	01°34'29"	00°06'39"	0.003
21/05/2024 00:00:00	♁	14°55'20" ♏	05°52'44"	00°00'00"	-00°02'19"	0.002

Ephemerides year 2024

21/05/2024 00:00:00	T♄	19°30'42" ♍	06°11'25"	02°12'58"	-01°08'28"	0.003
21/05/2024 00:00:00	X	25°11'13" ♏	-00°18'24"	-10°46'56"	00°00'32"	96.479
21/05/2024 00:00:00	Y	00°18'37" ♁	08°43'58"	-11°43'43"	00°00'48"	84.445
22/05/2024 00:00:00	☉	01°24'10" ♁	20°26'26"	-00°00'00"	00°57'41"	1.012
22/05/2024 00:00:00	☾	13°01'02" ♎	-18°03'39"	-02°25'50"	12°24'30"	0.003
22/05/2024 00:00:00	♀	08°37'33" ♋	11°46'10"	-02°45'03"	01°29'52"	1.031
22/05/2024 00:00:00	♀	27°43'12" ♋	19°04'51"	-00°35'05"	01°13'46"	1.730
22/05/2024 00:00:00	♂	16°20'06" ♏	05°17'54"	-01°13'05"	00°45'29"	1.897
22/05/2024 00:00:00	♃	29°03'55" ♋	19°14'20"	-00°43'38"	00°14'08"	6.028
22/05/2024 00:00:00	♅	18°12'27" ♎	-06°20'11"	-01°49'07"	00°03'39"	9.941
22/05/2024 00:00:00	♁	23°36'10" ♋	18°25'07"	-00°15'45"	00°03'27"	20.593
22/05/2024 00:00:00	♆	29°28'27" ♎	-01°21'09"	-01°14'46"	00°01'17"	30.363
22/05/2024 00:00:00	♁	02°01'05" ♎	-22°43'03"	-03°05'16"	-00°00'31"	34.512
22/05/2024 00:00:00	♁	14°51'58" ♏	05°51'26"	00°00'00"	-00°04'23"	0.002
22/05/2024 00:00:00	♁	21°48'17" ♏	09°33'11"	01°08'21"	00°02'53"	19.444
22/05/2024 00:00:00	♁	25°44'41" ♎	03°07'24"	01°33'38"	00°06'39"	0.003
22/05/2024 00:00:00	T♁	14°51'58" ♏	05°51'26"	00°00'00"	-00°04'23"	0.002
22/05/2024 00:00:00	T♄	18°31'14" ♎	06°38'38"	02°17'11"	-00°45'08"	0.003
22/05/2024 00:00:00	X	25°11'46" ♏	-00°18'14"	-10°46'58"	00°00'32"	96.469

Ephemerides year 2024

22/05/2024 00:00:00	Y	00°19'25" ♀	08°44'07"	-11°43'43"	00°00'48"	84.444
23/05/2024 00:00:00	☉	02°21'50" ♀	20°37'58"	-00°00'00"	00°57'39"	1.012
23/05/2024 00:00:00	☾	25°33'04" ♃	-22°24'16"	-03°21'18"	12°39'41"	0.003
23/05/2024 00:00:00	♀	10°08'36" ☿	12°20'19"	-02°39'11"	01°32'13"	1.048
23/05/2024 00:00:00	♀	28°56'58" ☿	19°23'19"	-00°32'53"	01°13'45"	1.730
23/05/2024 00:00:00	♂	17°05'34" ♃	05°35'30"	-01°12'51"	00°45'26"	1.893
23/05/2024 00:00:00	♃	29°18'03" ☿	19°17'27"	-00°43'33"	00°14'08"	6.028
23/05/2024 00:00:00	♅	18°16'04" ♃	-06°18'58"	-01°49'21"	00°03'34"	9.925
23/05/2024 00:00:00	♁	23°39'37" ☿	18°25'59"	-00°15'45"	00°03'27"	20.591
23/05/2024 00:00:00	♃	29°29'44" ♃	-01°20'41"	-01°14'49"	00°01'15"	30.348
23/05/2024 00:00:00	♁	02°00'33" ♃	-22°43'19"	-03°05'26"	-00°00'32"	34.498
23/05/2024 00:00:00	♁	14°46'35" ♃	05°49'21"	00°00'00"	-00°06'20"	0.002
23/05/2024 00:00:00	♃	21°51'10" ♃	09°34'14"	01°08'20"	00°02'52"	19.433
23/05/2024 00:00:00	♁	25°51'21" ♃	03°04'00"	01°32'47"	00°06'39"	0.003
23/05/2024 00:00:00	T♁	14°46'35" ♃	05°49'21"	00°00'00"	-00°06'20"	0.002
23/05/2024 00:00:00	T♁	18°11'24" ♃	06°47'12"	02°18'02"	00°10'42"	0.003
23/05/2024 00:00:00	X	25°12'18" ♃	-00°18'04"	-10°47'00"	00°00'32"	96.459
23/05/2024 00:00:00	Y	00°20'14" ♀	08°44'17"	-11°43'42"	00°00'48"	84.443
24/05/2024 00:00:00	☉	03°19'29" ♀	20°49'10"	-00°00'00"	00°57'38"	1.013

Ephemerides year 2024

24/05/2024 00:00:00	♃	08°20'34" ♄	-25°46'19"	♁-04°07'45"	12°55'16"	0.003
24/05/2024 00:00:00	♆	11°41'59" ♄	12°55'08"	-02°32'48"	01°34'33"	1.066
24/05/2024 00:00:00	♀	00°10'44" ♀	19°41'16"	-00°30'39"	01°13'45"	1.731
24/05/2024 00:00:00	♂	17°51'00" ♄	05°53'02"	-01°12'37"	00°45'24"	1.890
24/05/2024 00:00:00	♃	29°32'11" ♄	19°20'33"	-00°43'29"	00°14'07"	6.027
24/05/2024 00:00:00	♅	18°19'36" ♃	-06°17'48"	-01°49'34"	00°03'29"	9.909
24/05/2024 00:00:00	♃	23°43'04" ♄	18°26'51"	-00°15'44"	00°03'26"	20.588
24/05/2024 00:00:00	♆	29°30'59" ♃	-01°20'13"	-01°14'51"	00°01'14"	30.333
24/05/2024 00:00:00	♁	02°00'00" ♃	-22°43'37"	-03°05'35"	-00°00'34"	34.484
24/05/2024 00:00:00	♁	14°39'27" ♄	05°46'36"	00°00'00"	-00°07'48"	0.002
24/05/2024 00:00:00	♃	21°54'01" ♄	09°35'17"	01°08'18"	00°02'50"	19.422
24/05/2024 00:00:00	♁	25°58'00" ♃	03°00'35"	01°31'57"	00°06'39"	0.003
24/05/2024 00:00:00	♁	14°39'27" ♄	05°46'36"	00°00'00"	-00°07'48"	0.002
24/05/2024 00:00:00	♁	19°01'16" ♃	06°23'11"	02°13'11"	01°32'04"	0.003
24/05/2024 00:00:00	X	25°12'50" ♄	-00°17'55"	-10°47'02"	00°00'31"	96.449
24/05/2024 00:00:00	Y	00°21'03" ♀	08°44'26"	-11°43'43"	00°00'48"	84.442
25/05/2024 00:00:00	♁	04°17'07" ♀	21°00'00"	-00°00'00"	00°57'37"	1.013
25/05/2024 00:00:00	♃	21°23'26" ♄	-27°51'08"	♁-04°42'13"	13°10'17"	0.003
25/05/2024 00:00:00	♆	13°17'42" ♄	13°30'31"	-02°25'54"	01°36'52"	1.083

Ephemerides year 2024

25/05/2024 00:00:00	♀	01°24'30" ♀	19°58'41"	-00°28'24"	01°13'45"	1.732
25/05/2024 00:00:00	♂	18°36'23" ♂	06°10'31"	-01°12'22"	00°45'21"	1.886
25/05/2024 00:00:00	♃	29°46'19" ♄	19°23'38"	-00°43'25"	00°14'07"	6.026
25/05/2024 00:00:00	♅	18°23'04" ♆	-06°16'39"	-01°49'48"	00°03'24"	9.893
25/05/2024 00:00:00	♁	23°46'31" ♄	18°27'42"	-00°15'44"	00°03'26"	20.585
25/05/2024 00:00:00	♃	29°32'12" ♆	-01°19'46"	-01°14'54"	00°01'12"	30.318
25/05/2024 00:00:00	♁	01°59'25" ♃	-22°43'54"	-03°05'45"	-00°00'35"	34.470
25/05/2024 00:00:00	♁	14°31'13" ♂	05°43'24"	00°00'00"	-00°08'31"	0.002
25/05/2024 00:00:00	♁	21°56'50" ♂	09°36'19"	01°08'16"	00°02'48"	19.411
25/05/2024 00:00:00	♁	26°04'39" ♃	02°57'09"	01°31'06"	00°06'39"	0.003
25/05/2024 00:00:00	♁	14°31'13" ♂	05°43'24"	00°00'00"	-00°08'31"	0.002
25/05/2024 00:00:00	♁	21°18'27" ♃	05°18'08"	02°01'11"	03°02'03"	0.003
25/05/2024 00:00:00	X	25°13'22" ♂	-00°17'46"	-10°47'04"	00°00'31"	96.438
25/05/2024 00:00:00	Y	00°21'51" ♀	08°44'35"	-11°43'43"	00°00'48"	84.440
26/05/2024 00:00:00	♁	05°14'44" ♀	21°10'28"	-00°00'00"	00°57'36"	1.013
26/05/2024 00:00:00	♁	04°40'42" ♄	-28°23'19"	-05°02'11"	13°23'59"	0.003
26/05/2024 00:00:00	♁	14°55'45" ♄	14°06'23"	-02°18'31"	01°39'11"	1.100
26/05/2024 00:00:00	♀	02°38'15" ♀	20°15'34"	-00°26'08"	01°13'45"	1.732
26/05/2024 00:00:00	♂	19°21'43" ♂	06°27'54"	-01°12'07"	00°45'19"	1.882

Ephemerides year 2024

26/05/2024 00:00:00	♃	00°00'26" ♀	19°26'41"	-00°43'21"	00°14'06"	6.025
26/05/2024 00:00:00	♅	18°26'26" ♀	-06°15'33"	-01°50'02"	00°03'19"	9.877
26/05/2024 00:00:00	♁	23°49'57" ♂	18°28'34"	-00°15'44"	00°03'26"	20.582
26/05/2024 00:00:00	♆	29°33'24" ♀	-01°19'20"	-01°14'57"	00°01'10"	30.303
26/05/2024 00:00:00	♁	01°58'48" ♀	-22°44'12"	-03°05'55"	-00°00'37"	34.456
26/05/2024 00:00:00	♁	14°22'42" ♀	05°40'07"	00°00'00"	-00°08'19"	0.002
26/05/2024 00:00:00	♁	21°59'38" ♀	09°37'20"	01°08'15"	00°02'46"	19.399
26/05/2024 00:00:00	♁	26°11'18" ♀	02°53'44"	01°30'15"	00°06'39"	0.003
26/05/2024 00:00:00	♁	14°22'42" ♀	05°40'07"	00°00'00"	-00°08'19"	0.002
26/05/2024 00:00:00	♁	25°01'28" ♀	03°32'05"	01°41'49"	04°20'20"	0.003
26/05/2024 00:00:00	X	25°13'53" ♀	-00°17'37"	-10°47'07"	00°00'31"	96.428
26/05/2024 00:00:00	Y	00°22'40" ♀	08°44'45"	-11°43'43"	00°00'48"	84.438
27/05/2024 00:00:00	♁	06°12'19" ♀	21°20'34"	-00°00'00"	00°57'35"	1.013
27/05/2024 00:00:00	♁	18°10'50" ♀	-27°15'09"	-05°05'47"	13°35'57"	0.003
27/05/2024 00:00:00	♁	16°36'06" ♂	14°42'38"	-02°10'40"	01°41'30"	1.117
27/05/2024 00:00:00	♁	03°52'01" ♀	20°31'54"	-00°23'51"	01°13'45"	1.733
27/05/2024 00:00:00	♁	20°07'01" ♀	06°45'13"	-01°11'51"	00°45'16"	1.878
27/05/2024 00:00:00	♃	00°14'33" ♀	19°29'43"	-00°43'17"	00°14'06"	6.024
27/05/2024 00:00:00	♅	18°29'43" ♀	-06°14'28"	-01°50'16"	00°03'14"	9.860

Ephemerides year 2024

27/05/2024 00:00:00	♃	23°53'23"	♏	18°29'25"	-00°15'43"	00°03'25"	20.578
27/05/2024 00:00:00	♃	29°34'34"	♏	-01°18'55"	-01°15'00"	00°01'09"	30.287
27/05/2024 00:00:00	♃	01°58'10"	♏	-22°44'30"	-03°06'05"	-00°00'38"	34.443
27/05/2024 00:00:00	♃	14°14'52"	♏	05°37'05"	00°00'00"	-00°07'12"	0.002
27/05/2024 00:00:00	♃	22°02'24"	♏	09°38'20"	01°08'13"	00°02'44"	19.387
27/05/2024 00:00:00	♃	26°17'57"	♏	02°50'19"	01°29'25"	00°06'39"	0.003
27/05/2024 00:00:00	♃	14°14'52"	♏	05°37'05"	00°00'00"	-00°07'12"	0.002
27/05/2024 00:00:00	♃	29°48'44"	♏	01°14'45"	01°16'35"	05°07'31"	0.003
27/05/2024 00:00:00	X	25°14'24"	♏	-00°17'28"	-10°47'09"	00°00'30"	96.417
27/05/2024 00:00:00	Y	00°23'29"	♏	08°44'54"	-11°43'44"	00°00'48"	84.436
28/05/2024 00:00:00	♃	07°09'54"	♏	21°30'18"	-00°00'00"	00°57'34"	1.013
28/05/2024 00:00:00	♃	01°52'01"	♏	-24°29'07"	-04°52'07"	13°46'06"	0.003
28/05/2024 00:00:00	♃	18°18'46"	♏	15°19'10"	-02°02'22"	01°43'49"	1.134
28/05/2024 00:00:00	♃	05°05'46"	♏	20°47'40"	-00°21'33"	01°13'45"	1.733
28/05/2024 00:00:00	♃	20°52'17"	♏	07°02'27"	-01°11'34"	00°45'13"	1.874
28/05/2024 00:00:00	♃	00°28'38"	♏	19°32'43"	-00°43'13"	00°14'05"	6.023
28/05/2024 00:00:00	♃	18°32'55"	♏	-06°13'26"	-01°50'30"	00°03'09"	9.844
28/05/2024 00:00:00	♃	23°56'48"	♏	18°30'16"	-00°15'43"	00°03'24"	20.575
28/05/2024 00:00:00	♃	29°35'42"	♏	-01°18'31"	-01°15'02"	00°01'07"	30.272

Ephemerides year 2024

28/05/2024 00:00:00	♁	01°57'31" ♁	-22°44'49"	-03°06'15"	-00°00'40"	34.430
28/05/2024 00:00:00	♁	14°08'32" ♁	05°34'37"	00°00'00"	-00°05'21"	0.002
28/05/2024 00:00:00	♁	22°05'08" ♁	09°39'20"	01°08'12"	00°02'42"	19.375
28/05/2024 00:00:00	♁	26°24'37" ♁	02°46'54"	01°28'34"	00°06'39"	0.003
28/05/2024 00:00:00	♁	14°08'32" ♁	05°34'37"	00°00'00"	-00°05'21"	0.002
28/05/2024 00:00:00	♁	05°00'58" ♁	-01°14'49"	00°48'45"	05°08'20"	0.003
28/05/2024 00:00:00	X	25°14'55" ♁	-00°17'20"	-10°47'11"	00°00'30"	96.406
28/05/2024 00:00:00	Y	00°24'17" ♁	08°45'02"	-11°43'44"	00°00'48"	84.434
29/05/2024 00:00:00	♁	08°07'28" ♁	21°39'40"	-00°00'00"	00°57'33"	1.014
29/05/2024 00:00:00	♁	15°42'31" ♁	-20°16'57"	-04°21'22"	13°54'39"	0.002
29/05/2024 00:00:00	♁	20°03'44" ♁	15°55'53"	-01°53'39"	01°46'07"	1.150
29/05/2024 00:00:00	♁	06°19'31" ♁	21°02'52"	-00°19'13"	01°13'44"	1.734
29/05/2024 00:00:00	♁	21°37'29" ♁	07°19'36"	-01°11'17"	00°45'11"	1.871
29/05/2024 00:00:00	♁	00°42'43" ♁	19°35'42"	-00°43'10"	00°14'04"	6.022
29/05/2024 00:00:00	♁	18°36'02" ♁	-06°12'26"	-01°50'44"	00°03'03"	9.828
29/05/2024 00:00:00	♁	24°00'13" ♁	18°31'07"	-00°15'43"	00°03'24"	20.571
29/05/2024 00:00:00	♁	29°36'48" ♁	-01°18'07"	-01°15'05"	00°01'05"	30.256
29/05/2024 00:00:00	♁	01°56'50" ♁	-22°45'08"	-03°06'24"	-00°00'41"	34.416
29/05/2024 00:00:00	♁	14°04'16" ♁	05°32'58"	00°00'00"	-00°03'10"	0.002



Ephemerides year 2024

29/05/2024 00:00:00	♄	22°07'50" ♏	09°40'19"	01°08'10"	00°02'40"	19.363
29/05/2024 00:00:00	♁	26°31'16" ♏	02°43'29"	01°27'43"	00°06'39"	0.003
29/05/2024 00:00:00	♁♏	14°04'16" ♏	05°32'58"	00°00'00"	-00°03'10"	0.002
29/05/2024 00:00:00	♁♁	09°48'09" ♏	-03°31'55"	00°22'53"	04°18'01"	0.003
29/05/2024 00:00:00	X	25°15'25" ♏	-00°17'11"	-10°47'14"	00°00'29"	96.394
29/05/2024 00:00:00	Y	00°25'06" ♏	08°45'11"	-11°43'45"	00°00'48"	84.431
30/05/2024 00:00:00	♁	09°05'01" ♏	21°48'40"	-00°00'00"	00°57'32"	1.014
30/05/2024 00:00:00	♁	29°40'53" ♏	-14°56'02"	-03°34'51"	14°01'53"	0.002
30/05/2024 00:00:00	♁	21°51'00" ♏	16°32'39"	-01°44'33"	01°48'24"	1.167
30/05/2024 00:00:00	♁	07°33'16" ♏	21°17'30"	-00°16'53"	01°13'44"	1.734
30/05/2024 00:00:00	♁	22°22'39" ♏	07°36'41"	-01°10'59"	00°45'08"	1.867
30/05/2024 00:00:00	♁	00°56'48" ♏	19°38'39"	-00°43'06"	00°14'03"	6.020
30/05/2024 00:00:00	♁	18°39'03" ♏	-06°11'28"	-01°50'58"	00°02'58"	9.811
30/05/2024 00:00:00	♁	24°03'37" ♏	18°31'58"	-00°15'42"	00°03'23"	20.566
30/05/2024 00:00:00	♁	29°37'53" ♏	-01°17'44"	-01°15'08"	00°01'03"	30.241
30/05/2024 00:00:00	♁	01°56'07" ♏	-22°45'27"	-03°06'34"	-00°00'43"	34.404
30/05/2024 00:00:00	♁	14°02'09" ♏	05°32'09"	00°00'00"	-00°01'07"	0.002
30/05/2024 00:00:00	♁	22°10'30" ♏	09°41'18"	01°08'09"	00°02'38"	19.351
30/05/2024 00:00:00	♁	26°37'55" ♏	02°40'03"	01°26'52"	00°06'39"	0.003

Ephemerides year 2024

30/05/2024 00:00:00	T♄	14°02'09" ♏	05°32'09"	00°00'00"	-00°01'07"	0.002
30/05/2024 00:00:00	T♄	13°24'32" ♏	-05°14'27"	00°03'22"	02°50'59"	0.003
30/05/2024 00:00:00	X	25°15'55" ♏	-00°17'03"	-10°47'17"	00°00'29"	96.383
30/05/2024 00:00:00	Y	00°25'54" ♏	08°45'20"	-11°43'46"	00°00'48"	84.428
31/05/2024 00:00:00	☉	10°02'33" ♏	21°57'17"	-00°00'00"	00°57'31"	1.014
31/05/2024 00:00:00	☾	13°45'57" ♏	-08°46'06"	-02°35'00"	14°08'02"	0.002
31/05/2024 00:00:00	☿	23°40'34" ♏	17°09'22"	-01°35'04"	01°50'41"	1.183
31/05/2024 00:00:00	♀	08°47'01" ♏	21°31'32"	-00°14'33"	01°13'44"	1.735
31/05/2024 00:00:00	♂	23°07'46" ♏	07°53'39"	-01°10'41"	00°45'05"	1.863
31/05/2024 00:00:00	♃	01°10'51" ♏	19°41'35"	-00°43'02"	00°14'02"	6.018
31/05/2024 00:00:00	♅	18°41'59" ♏	-06°10'32"	-01°51'13"	00°02'53"	9.795
31/05/2024 00:00:00	♁	24°07'00" ♏	18°32'48"	-00°15'42"	00°03'22"	20.562
31/05/2024 00:00:00	♆	29°38'56" ♏	-01°17'21"	-01°15'11"	00°01'01"	30.225
31/05/2024 00:00:00	♁	01°55'23" ♏	-22°45'46"	-03°06'44"	-00°00'44"	34.391
31/05/2024 00:00:00	♁	14°01'48" ♏	05°32'01"	00°00'00"	00°00'19"	0.002
31/05/2024 00:00:00	♁	22°13'07" ♏	09°42'15"	01°08'07"	00°02'36"	19.338
31/05/2024 00:00:00	♁	26°44'34" ♏	02°36'38"	01°26'01"	00°06'38"	0.003
31/05/2024 00:00:00	T♄	14°01'48" ♏	05°32'01"	00°00'00"	00°00'19"	0.002
31/05/2024 00:00:00	T♄	15°29'12" ♏	-06°13'01"	-00°07'49"	01°21'11"	0.003

Ephemerides year 2024

31/05/2024 00:00:00	X	25°16'24" ♃	-00°16'55"	-10°47'19"	00°00'28"	96.371
31/05/2024 00:00:00	Y	00°26'42" ♃	08°45'28"	-11°43'47"	00°00'48"	84.425
01/06/2024 00:00:00	☉	11°00'04" ♃	22°05'31"	-00°00'00"	00°57'30"	1.014
01/06/2024 00:00:00	☾	27°56'35" ♃	-02°07'19"	-01°25'16"	14°13'01"	0.002
01/06/2024 00:00:00	♀	25°32'23" ♃	17°45'53"	-01°25'15"	01°52'56"	1.198
01/06/2024 00:00:00	♀	10°00'45" ♃	21°44'58"	-00°12'11"	01°13'44"	1.735
01/06/2024 00:00:00	♂	23°52'50" ♃	08°10'33"	-01°10'22"	00°45'02"	1.859
01/06/2024 00:00:00	♃	01°24'53" ♃	19°44'30"	-00°42'59"	00°14'01"	6.016
01/06/2024 00:00:00	♅	18°44'49" ♃	-06°09'39"	-01°51'27"	00°02'47"	9.778
01/06/2024 00:00:00	♁	24°10'23" ♃	18°33'38"	-00°15'42"	00°03'22"	20.557
01/06/2024 00:00:00	♃	29°39'57" ♃	-01°16'59"	-01°15'14"	00°01'00"	30.209
01/06/2024 00:00:00	♃	01°54'38" ♃	-22°46'06"	-03°06'53"	-00°00'46"	34.378
01/06/2024 00:00:00	♁	14°02'27" ♃	05°32'16"	00°00'00"	00°00'47"	0.002
01/06/2024 00:00:00	♃	22°15'43" ♃	09°43'12"	01°08'06"	00°02'34"	19.325
01/06/2024 00:00:00	♃	26°51'13" ♃	02°33'13"	01°25'10"	00°06'38"	0.003
01/06/2024 00:00:00	T♁	14°02'27" ♃	05°32'16"	00°00'00"	00°00'47"	0.002
01/06/2024 00:00:00	T♃	16°17'50" ♃	-06°35'42"	-00°12'06"	00°23'10"	0.003
01/06/2024 00:00:00	X	25°16'53" ♃	-00°16'48"	-10°47'22"	00°00'28"	96.359
01/06/2024 00:00:00	Y	00°27'30" ♃	08°45'36"	-11°43'48"	00°00'47"	84.422

Ephemerides year 2024

02/06/2024 00:00:00	♁	11°57'34" ♀	22°13'21"	-00°00'00"	00°57'30"	1.014
02/06/2024 00:00:00	♃	12°11'27" ♀	04°39'54"	-00°09'58"	14°16'22"	0.002
02/06/2024 00:00:00	♁	27°26'26" ♂	18°22'03"	-01°15'09"	01°55'09"	1.213
02/06/2024 00:00:00	♁	11°14'30" ♀	21°57'47"	-00°09'49"	01°13'44"	1.735
02/06/2024 00:00:00	♂	24°37'51" ♀	08°27'20"	-01°10'03"	00°44'59"	1.855
02/06/2024 00:00:00	♃	01°38'55" ♀	19°47'23"	-00°42'55"	00°14'00"	6.014
02/06/2024 00:00:00	♃	18°47'34" ♀	-06°08'47"	-01°51'41"	00°02'42"	9.762
02/06/2024 00:00:00	♁	24°13'45" ♂	18°34'28"	-00°15'41"	00°03'21"	20.552
02/06/2024 00:00:00	♁	29°40'56" ♀	-01°16'39"	-01°15'16"	00°00'58"	30.193
02/06/2024 00:00:00	♁	01°53'51" ♀	-22°46'26"	-03°07'03"	-00°00'47"	34.366
02/06/2024 00:00:00	♁	14°03'02" ♀	05°32'29"	00°00'00"	00°00'09"	0.002
02/06/2024 00:00:00	♁	22°18'17" ♀	09°44'08"	01°08'05"	00°02'32"	19.312
02/06/2024 00:00:00	♁	26°57'52" ♀	02°29'47"	01°24'19"	00°06'38"	0.003
02/06/2024 00:00:00	♁	14°03'02" ♀	05°32'29"	00°00'00"	00°00'09"	0.002
02/06/2024 00:00:00	♁	16°29'21" ♀	-06°41'01"	-00°13'04"	00°05'33"	0.003
02/06/2024 00:00:00	X	25°17'21" ♀	-00°16'41"	-10°47'25"	00°00'28"	96.347
02/06/2024 00:00:00	Y	00°28'18" ♀	08°45'44"	-11°43'50"	00°00'47"	84.418
03/06/2024 00:00:00	♁	12°55'04" ♀	22°20'49"	-00°00'00"	00°57'29"	1.014
03/06/2024 00:00:00	♃	26°28'31" ♀	11°14'24"	01°06'02"	14°17'16"	0.002

Ephemerides year 2024

03/06/2024 00:00:00	♀	29°22'41" ♋	18°57'44"	-01°04'47"	01°57'19"	1.228
03/06/2024 00:00:00	♀	12°28'15" ♋	22°09'59"	-00°07'27"	01°13'44"	1.735
03/06/2024 00:00:00	♂	25°22'48" ♏	08°44'02"	-01°09'43"	00°44'56"	1.851
03/06/2024 00:00:00	♃	01°52'55" ♋	19°50'14"	-00°42'52"	00°13'59"	6.011
03/06/2024 00:00:00	♅	18°50'13" ♏	-06°07'58"	-01°51'56"	00°02'36"	9.745
03/06/2024 00:00:00	♁	24°17'06" ♋	18°35'17"	-00°15'41"	00°03'20"	20.547
03/06/2024 00:00:00	♃	29°41'53" ♏	-01°16'18"	-01°15'19"	00°00'56"	30.177
03/06/2024 00:00:00	♁	01°53'03" ♁	-22°46'46"	-03°07'12"	-00°00'48"	34.354
03/06/2024 00:00:00	♁	14°02'26" ♏	05°32'16"	00°00'00"	-00°01'29"	0.002
03/06/2024 00:00:00	♁	22°20'48" ♏	09°45'04"	01°08'03"	00°02'30"	19.299
03/06/2024 00:00:00	♁	27°04'31" ♏	02°26'22"	01°23'28"	00°06'38"	0.003
03/06/2024 00:00:00	T♁	14°02'26" ♏	05°32'16"	00°00'00"	-00°01'29"	0.002
03/06/2024 00:00:00	T♁	16°36'03" ♁	-06°44'10"	-00°13'42"	00°09'03"	0.003
03/06/2024 00:00:00	X	25°17'49" ♏	-00°16'33"	-10°47'28"	00°00'27"	96.334
03/06/2024 00:00:00	Y	00°29'06" ♋	08°45'52"	-11°43'51"	00°00'47"	84.414
04/06/2024 00:00:00	☉	13°52'33" ♋	22°27'53"	00°00'00"	00°57'28"	1.014
04/06/2024 00:00:00	☾	10°44'52" ♋	17°13'39"	02°17'42"	14°14'47"	0.002
04/06/2024 00:00:00	♀	01°21'04" ♋	19°32'44"	-00°54'12"	01°59'26"	1.241
04/06/2024 00:00:00	♀	13°41'59" ♋	22°21'34"	-00°05'05"	01°13'43"	1.735

Ephemerides year 2024

04/06/2024 00:00:00	♂	26°07'43" ♏	09°00'38"	-01°09'23"	00°44'53"	1.848
04/06/2024 00:00:00	♃	02°06'55" ♏	19°53'04"	-00°42'48"	00°13'58"	6.009
04/06/2024 00:00:00	♅	18°52'47" ♏	-06°07'11"	-01°52'10"	00°02'31"	9.729
04/06/2024 00:00:00	♁	24°20'26" ♏	18°36'07"	-00°15'41"	00°03'20"	20.542
04/06/2024 00:00:00	♃	29°42'49" ♏	-01°15'59"	-01°15'22"	00°00'54"	30.161
04/06/2024 00:00:00	♁	01°52'13" ♏	-22°47'06"	-03°07'22"	-00°00'50"	34.341
04/06/2024 00:00:00	♁	13°59'48" ♏	05°31'14"	00°00'00"	-00°03'50"	0.002
04/06/2024 00:00:00	♃	22°23'18" ♏	09°45'58"	01°08'02"	00°02'28"	19.286
04/06/2024 00:00:00	♁	27°11'10" ♏	02°22'56"	01°22'37"	00°06'39"	0.003
04/06/2024 00:00:00	♁	13°59'48" ♏	05°31'14"	00°00'00"	-00°03'50"	0.002
04/06/2024 00:00:00	♁	16°45'50" ♏	-06°48'55"	-00°14'46"	00°08'08"	0.003
04/06/2024 00:00:00	X	25°18'16" ♏	-00°16'27"	-10°47'31"	00°00'27"	96.322
04/06/2024 00:00:00	Y	00°29'54" ♏	08°46'00"	-11°43'53"	00°00'47"	84.410
05/06/2024 00:00:00	♁	14°50'01" ♏	22°34'34"	00°00'00"	00°57'27"	1.015
05/06/2024 00:00:00	♁	24°56'40" ♏	22°14'22"	03°20'17"	14°08'03"	0.002
05/06/2024 00:00:00	♁	03°21'32" ♏	20°06'54"	-00°43'27"	02°01'27"	1.254
05/06/2024 00:00:00	♀	14°55'46" ♏	22°32'30"	-00°02'42"	01°13'43"	1.735
05/06/2024 00:00:00	♂	26°52'35" ♏	09°17'08"	-01°09'02"	00°44'50"	1.844
05/06/2024 00:00:00	♃	02°20'53" ♏	19°55'52"	-00°42'45"	00°13'57"	6.006

Ephemerides year 2024

05/06/2024 00:00:00	♃	18°55'16" ♈	-06°06'26"	-01°52'25"	00°02'25"	9.712
05/06/2024 00:00:00	♃	24°23'46" ♉	18°36'56"	-00°15'41"	00°03'19"	20.536
05/06/2024 00:00:00	♃	29°43'43" ♊	-01°15'40"	-01°15'25"	00°00'52"	30.144
05/06/2024 00:00:00	♃	01°51'23" ♋	-22°47'27"	-03°07'31"	-00°00'51"	34.330
05/06/2024 00:00:00	♃	13°54'40" ♌	05°29'15"	00°00'00"	-00°06'24"	0.002
05/06/2024 00:00:00	♃	22°25'45" ♍	09°46'52"	01°08'01"	00°02'26"	19.272
05/06/2024 00:00:00	♃	27°17'49" ♎	02°19'31"	01°21'46"	00°06'39"	0.003
05/06/2024 00:00:00	♃	13°54'40" ♏	05°29'15"	00°00'00"	-00°06'24"	0.002
05/06/2024 00:00:00	♃	16°45'43" ♐	-06°49'15"	-00°15'11"	-00°12'06"	0.003
05/06/2024 00:00:00	♃	25°18'43" ♑	-00°16'20"	-10°47'34"	00°00'26"	96.309
05/06/2024 00:00:00	♃	00°30'41" ♒	08°46'07"	-11°43'54"	00°00'47"	84.405
06/06/2024 00:00:00	♃	15°47'29" ♓	22°40'50"	00°00'00"	00°57'27"	1.015
06/06/2024 00:00:00	♃	08°59'26" ♈	25°54'39"	04°09'53"	13°56'42"	0.003
06/06/2024 00:00:00	♃	05°23'58" ♉	20°40'02"	-00°32'36"	02°03'22"	1.266
06/06/2024 00:00:00	♃	16°09'30" ♊	22°42'49"	-00°00'19"	01°13'44"	1.735
06/06/2024 00:00:00	♃	27°37'24" ♋	09°33'31"	-01°08'41"	00°44'46"	1.840
06/06/2024 00:00:00	♃	02°34'50" ♌	19°58'39"	-00°42'42"	00°13'56"	6.003
06/06/2024 00:00:00	♃	18°57'38" ♍	-06°05'43"	-01°52'40"	00°02'20"	9.696
06/06/2024 00:00:00	♃	24°27'05" ♎	18°37'44"	-00°15'40"	00°03'18"	20.530

Ephemerides year 2024

06/06/2024 00:00:00	♁	29°44'35"	♈	-01°15'22"	-01°15'28"	00°00'51"	30.128
06/06/2024 00:00:00	♁	01°50'31"	♁	-22°47'48"	-03°07'40"	-00°00'52"	34.318
06/06/2024 00:00:00	♁	13°47'05"	♈	05°26'18"	00°00'00"	-00°08'40"	0.002
06/06/2024 00:00:00	♁	22°28'10"	♈	09°47'45"	01°08'00"	00°02'23"	19.259
06/06/2024 00:00:00	♁	27°24'28"	♁	02°16'05"	01°20'54"	00°06'39"	0.003
06/06/2024 00:00:00	T♁	13°47'05"	♈	05°26'18"	00°00'00"	-00°08'40"	0.002
06/06/2024 00:00:00	T♁	16°14'25"	♁	-06°35'16"	-00°13'03"	-00°53'36"	0.003
06/06/2024 00:00:00	X	25°19'10"	♈	-00°16'14"	-10°47'37"	00°00'26"	96.296
06/06/2024 00:00:00	Y	00°31'29"	♁	08°46'14"	-11°43'56"	00°00'47"	84.400
07/06/2024 00:00:00	♁	16°44'55"	♁	22°46'43"	00°00'00"	00°57'26"	1.015
07/06/2024 00:00:00	♁	22°48'39"	♁	27°58'01"	♁ 04°43'52"	13°41'04"	0.003
07/06/2024 00:00:00	♁	07°28'15"	♁	21°11'56"	-00°21'41"	02°05'10"	1.278
07/06/2024 00:00:00	♁	17°23'15"	♁	22°52'28"	00°02'03"	01°13'44"	1.735
07/06/2024 00:00:00	♁	28°22'09"	♈	09°49'48"	-01°08'19"	00°44'43"	1.836
07/06/2024 00:00:00	♁	02°48'45"	♁	20°01'25"	-00°42'39"	00°13'54"	6.000
07/06/2024 00:00:00	♁	18°59'56"	♈	-06°05'03"	-01°52'54"	00°02'14"	9.679
07/06/2024 00:00:00	♁	24°30'23"	♁	18°38'33"	-00°15'40"	00°03'17"	20.523
07/06/2024 00:00:00	♁	29°45'25"	♈	-01°15'05"	-01°15'31"	00°00'49"	30.112
07/06/2024 00:00:00	♁	01°49'37"	♁	-22°48'09"	-03°07'49"	-00°00'53"	34.307



Ephemerides year 2024

07/06/2024 00:00:00	♁	13°37'34" ♀	05°22'37"	00°00'00"	-00°10'10"	0.002
07/06/2024 00:00:00	♋	22°30'33" ♀	09°48'37"	01°07'58"	00°02'21"	19.245
07/06/2024 00:00:00	♁	27°31'07" ♀	02°12'39"	01°20'03"	00°06'39"	0.003
07/06/2024 00:00:00	♁	13°37'34" ♀	05°22'37"	00°00'00"	-00°10'10"	0.002
07/06/2024 00:00:00	♁	14°54'16" ♀	-05°58'35"	-00°06'47"	-01°47'35"	0.003
07/06/2024 00:00:00	X	25°19'36" ♀	-00°16'07"	-10°47'41"	00°00'26"	96.283
07/06/2024 00:00:00	Y	00°32'16" ♀	08°46'22"	-11°43'58"	00°00'47"	84.395
08/06/2024 00:00:00	♁	17°42'21" ♀	22°52'12"	00°00'00"	00°57'25"	1.015
08/06/2024 00:00:00	♁	06°20'30" ♀	28°17'52"	05°01'02"	13°22'11"	0.003
08/06/2024 00:00:00	♁	09°34'15" ♀	21°42'26"	-00°10'47"	02°06'48"	1.288
08/06/2024 00:00:00	♁	18°36'59" ♀	23°01'28"	00°04'26"	01°13'44"	1.735
08/06/2024 00:00:00	♁	29°06'51" ♀	10°05'58"	-01°07'56"	00°44'40"	1.832
08/06/2024 00:00:00	♁	03°02'40" ♀	20°04'08"	-00°42'36"	00°13'53"	5.996
08/06/2024 00:00:00	♁	19°02'07" ♀	-06°04'25"	-01°53'09"	00°02'08"	9.662
08/06/2024 00:00:00	♁	24°33'40" ♀	18°39'21"	-00°15'40"	00°03'16"	20.517
08/06/2024 00:00:00	♁	29°46'13" ♀	-01°14'48"	-01°15'34"	00°00'47"	30.095
08/06/2024 00:00:00	♁	01°48'43" ♀	-22°48'30"	-03°07'58"	-00°00'55"	34.295
08/06/2024 00:00:00	♁	13°27'04" ♀	05°18'32"	00°00'00"	-00°10'38"	0.002
08/06/2024 00:00:00	♁	22°32'53" ♀	09°49'28"	01°07'57"	00°02'19"	19.231

Ephemerides year 2024

08/06/2024 00:00:00	☾	27°37'46" ♍	02°09'14"	01°19'12"	00°06'39"	0.003
08/06/2024 00:00:00	♁	13°27'04" ♏	05°18'32"	00°00'00"	-00°10'38"	0.002
08/06/2024 00:00:00	♁	12°40'29" ♏	-04°56'37"	00°04'07"	-02°37'47"	0.003
08/06/2024 00:00:00	X	25°20'02" ♏	-00°16'01"	-10°47'44"	00°00'25"	96.270
08/06/2024 00:00:00	Y	00°33'03" ♏	08°46'29"	-11°44'00"	00°00'47"	84.390
09/06/2024 00:00:00	☉	18°39'46" ♏	22°57'16"	00°00'00"	00°57'24"	1.015
09/06/2024 00:00:00	☾	19°32'28" ♏	26°59'13" ○	05°01'33"	13°01'34"	0.003
09/06/2024 00:00:00	♁	11°41'48" ♏	22°11'17"	00°00'02"	02°08'15"	1.297
09/06/2024 00:00:00	♀	19°50'44" ♏	23°09'47"	00°06'49"	01°13'44"	1.735
09/06/2024 00:00:00	♂	29°51'29" ♏	10°22'02"	-01°07'34"	00°44'36"	1.828
09/06/2024 00:00:00	♃	03°16'32" ♏	20°06'50"	-00°42'33"	00°13'51"	5.993
09/06/2024 00:00:00	♄	19°04'13" ♏	-06°03'49"	-01°53'24"	00°02'02"	9.646
09/06/2024 00:00:00	♅	24°36'55" ♏	18°40'09"	-00°15'40"	00°03'15"	20.510
09/06/2024 00:00:00	♆	29°47'00" ♏	-01°14'32"	-01°15'37"	00°00'45"	30.079
09/06/2024 00:00:00	♁	01°47'47" ♏	-22°48'51"	-03°08'08"	-00°00'56"	34.284
09/06/2024 00:00:00	♁	13°16'40" ♏	05°14'29"	00°00'00"	-00°09'59"	0.002
09/06/2024 00:00:00	♁	22°35'11" ♏	09°50'19"	01°07'56"	00°02'16"	19.217
09/06/2024 00:00:00	☾	27°44'25" ♏	02°05'48"	01°18'21"	00°06'39"	0.003
09/06/2024 00:00:00	♁	13°16'40" ♏	05°14'29"	00°00'00"	-00°09'59"	0.002

Ephemerides year 2024

09/06/2024 00:00:00	T♄	09°45'54" ♈	-03°34'58"	00°18'38"	-03°06'39"	0.003
09/06/2024 00:00:00	X	25°20'27" ♏	-00°15'56"	-10°47'47"	00°00'25"	96.257
09/06/2024 00:00:00	Y	00°33'50" ♀	08°46'35"	-11°44'03"	00°00'46"	84.384
10/06/2024 00:00:00	☉	19°37'10" ♀	23°01'57"	00°00'00"	00°57'23"	1.015
10/06/2024 00:00:00	☾	02°23'42" ♏	24°16'25" ♁	04°46'36"	12°41'03"	0.003
10/06/2024 00:00:00	♀	13°50'41" ♀	22°38'19"	00°10'43"	02°09'29"	1.305
10/06/2024 00:00:00	♀	21°04'28" ♀	23°17'27"	00°09'11"	01°13'44"	1.735
10/06/2024 00:00:00	♂	00°36'04" ♏	10°37'58"	-01°07'10"	00°44'32"	1.824
10/06/2024 00:00:00	♃	03°30'23" ♀	20°09'31"	-00°42'30"	00°13'50"	5.989
10/06/2024 00:00:00	♅	19°06'13" ♃	-06°03'16"	-01°53'39"	00°01'57"	9.629
10/06/2024 00:00:00	♁	24°40'10" ♏	18°40'56"	-00°15'40"	00°03'14"	20.503
10/06/2024 00:00:00	♃	29°47'44" ♃	-01°14'17"	-01°15'40"	00°00'43"	30.062
10/06/2024 00:00:00	♁	01°46'50" ♃	-22°49'13"	-03°08'17"	-00°00'57"	34.273
10/06/2024 00:00:00	♁	13°07'24" ♏	05°10'53"	00°00'00"	-00°08'23"	0.002
10/06/2024 00:00:00	♁	22°37'27" ♏	09°51'09"	01°07'55"	00°02'14"	19.202
10/06/2024 00:00:00	♁	27°51'05" ♏	02°02'22"	01°17'29"	00°06'39"	0.003
10/06/2024 00:00:00	T♁	13°07'24" ♏	05°10'53"	00°00'00"	-00°08'23"	0.002
10/06/2024 00:00:00	T♄	06°37'29" ♈	-02°06'10"	00°34'26"	-03°05'07"	0.003
10/06/2024 00:00:00	X	25°20'52" ♏	-00°15'50"	-10°47'51"	00°00'24"	96.243

Ephemerides year 2024

10/06/2024 00:00:00	Y	00°34'37" ♀	08°46'42"	-11°44'05"	00°00'46"	84.378
11/06/2024 00:00:00	☉	20°34'33" ♀	23°06'13"	00°00'00"	00°57'22"	1.015
11/06/2024 00:00:00	☾	14°55'11" ♁	20°28'03"	04°18'05"	12°22'19"	0.003
11/06/2024 00:00:00	♁	16°00'43" ♀	23°03'19"	00°21'12"	02°10'30"	1.311
11/06/2024 00:00:00	♂	22°18'12" ♀	23°24'26"	00°11'33"	01°13'43"	1.734
11/06/2024 00:00:00	♂	01°20'35" ♂	10°53'48"	-01°06'46"	00°44'29"	1.820
11/06/2024 00:00:00	♃	03°44'12" ♀	20°12'10"	-00°42'27"	00°13'48"	5.985
11/06/2024 00:00:00	♄	19°08'07" ♃	-06°02'45"	-01°53'54"	00°01'51"	9.612
11/06/2024 00:00:00	♅	24°43'24" ♂	18°41'43"	-00°15'39"	00°03'13"	20.496
11/06/2024 00:00:00	♆	29°48'27" ♃	-01°14'03"	-01°15'43"	00°00'41"	30.046
11/06/2024 00:00:00	♇	01°45'52" ♃	-22°49'35"	-03°08'26"	-00°00'58"	34.263
11/06/2024 00:00:00	♈	13°00'04" ♃	05°08'02"	00°00'00"	-00°06'11"	0.002
11/06/2024 00:00:00	♉	22°39'40" ♃	09°51'57"	01°07'54"	00°02'12"	19.188
11/06/2024 00:00:00	♊	27°57'44" ♃	01°58'56"	01°16'38"	00°06'39"	0.003
11/06/2024 00:00:00	T♈	13°00'04" ♃	05°08'02"	00°00'00"	-00°06'11"	0.002
11/06/2024 00:00:00	T♉	03°44'12" ♃	-00°44'06"	00°49'02"	-02°38'20"	0.003
11/06/2024 00:00:00	X	25°21'16" ♃	-00°15'45"	-10°47'54"	00°00'23"	96.229
11/06/2024 00:00:00	Y	00°35'23" ♀	08°46'49"	-11°44'08"	00°00'46"	84.372
12/06/2024 00:00:00	☉	21°31'54" ♀	23°10'04"	00°00'00"	00°57'21"	1.015

Ephemerides year 2024

12/06/2024 00:00:00	♃	27°09'26" ♁	15°52'17"	03°38'12"	12°06'49"	0.003
12/06/2024 00:00:00	♆	18°11'38" ♀	23°26'07"	00°31'24"	02°11'16"	1.316
12/06/2024 00:00:00	♀	23°31'56" ♀	23°30'43" ♁	00°13'55"	01°13'43"	1.734
12/06/2024 00:00:00	♂	02°05'02" ♂	11°09'30"	-01°06'22"	00°44'25"	1.816
12/06/2024 00:00:00	♃	03°58'00" ♀	20°14'47"	-00°42'24"	00°13'46"	5.981
12/06/2024 00:00:00	♄	19°09'56" ♃	-06°02'16"	-01°54'09"	00°01'45"	9.596
12/06/2024 00:00:00	♃	24°46'36" ♂	18°42'30"	-00°15'39"	00°03'11"	20.488
12/06/2024 00:00:00	♃	29°49'08" ♃	-01°13'50"	-01°15'46"	00°00'39"	30.029
12/06/2024 00:00:00	♃	01°44'52" ♃	-22°49'57"	-03°08'34"	-00°01'00"	34.253
12/06/2024 00:00:00	♁	12°55'05" ♃	05°06'06"	00°00'00"	-00°03'47"	0.002
12/06/2024 00:00:00	♃	22°41'51" ♃	09°52'45"	01°07'53"	00°02'09"	19.173
12/06/2024 00:00:00	♃	28°04'23" ♃	01°55'30"	01°15'46"	00°06'38"	0.003
12/06/2024 00:00:00	♁	12°55'05" ♃	05°06'06"	00°00'00"	-00°03'47"	0.002
12/06/2024 00:00:00	♃	01°24'17" ♃	00°22'19"	01°00'51"	-02°01'05"	0.003
12/06/2024 00:00:00	X	25°21'40" ♃	-00°15'40"	-10°47'58"	00°00'23"	96.215
12/06/2024 00:00:00	Y	00°36'09" ♀	08°46'55"	-11°44'10"	00°00'46"	84.366
13/06/2024 00:00:00	♁	22°29'15" ♀	23°13'31"	00°00'00"	00°57'20"	1.016
13/06/2024 00:00:00	♃	09°10'17" ♃	10°44'36"	02°49'14"	11°55'39"	0.003
13/06/2024 00:00:00	♆	20°23'11" ♀	23°46'33" ♁	00°41'15"	02°11'46"	1.320

Ephemerides year 2024

13/06/2024 00:00:00	♀	24°45'40" ♀	23°36'20" ♀	00°16'16"	01°13'43"	1.733
13/06/2024 00:00:00	♂	02°49'26" ♂	11°25'05"	-01°05'57"	00°44'21"	1.812
13/06/2024 00:00:00	♃	04°11'45" ♀	20°17'23"	-00°42'21"	00°13'44"	5.976
13/06/2024 00:00:00	♅	19°11'38" ♀	-06°01'50"	-01°54'24"	00°01'39"	9.579
13/06/2024 00:00:00	♁	24°49'48" ♂	18°43'17"	-00°15'39"	00°03'10"	20.481
13/06/2024 00:00:00	♃	29°49'46" ♀	-01°13'37"	-01°15'49"	00°00'37"	30.012
13/06/2024 00:00:00	♁	01°43'52" ♀	-22°50'20"	-03°08'43"	-00°01'01"	34.242
13/06/2024 00:00:00	♁	12°52'24" ♀	05°05'03"	00°00'00"	-00°01'40"	0.002
13/06/2024 00:00:00	♁	22°44'00" ♀	09°53'32"	01°07'52"	00°02'07"	19.159
13/06/2024 00:00:00	♁	28°11'01" ♀	01°52'04"	01°14'55"	00°06'38"	0.003
13/06/2024 00:00:00	♁	12°52'24" ♀	05°05'03"	00°00'00"	-00°01'40"	0.002
13/06/2024 00:00:00	♁	29°40'24" ♀	01°11'44"	01°09'41"	-01°28'26"	0.003
13/06/2024 00:00:00	X	25°22'03" ♀	-00°15'35"	-10°48'02"	00°00'22"	96.201
13/06/2024 00:00:00	Y	00°36'55" ♀	08°47'01"	-11°44'13"	00°00'45"	84.359
14/06/2024 00:00:00	♁	23°26'35" ♀	23°16'33"	00°00'00"	00°57'19"	1.016
14/06/2024 00:00:00	♁	21°02'26" ♀	05°17'21"	01°53'27"	11°49'32"	0.003
14/06/2024 00:00:00	♁	22°35'06" ♀	24°04'28" ♀	00°50'41"	02°12'00"	1.322
14/06/2024 00:00:00	♀	25°59'23" ♀	23°41'15" ♀	00°18'36"	01°13'43"	1.733
14/06/2024 00:00:00	♂	03°33'45" ♂	11°40'33"	-01°05'32"	00°44'18"	1.808

Ephemerides year 2024

14/06/2024 00:00:00	♃	04°25'29" ♀	20°19'57"	-00°42'19"	00°13'42"	5.972
14/06/2024 00:00:00	♅	19°13'15" ♀	-06°01'26"	-01°54'39"	00°01'33"	9.562
14/06/2024 00:00:00	♆	24°52'58" ♂	18°44'03"	-00°15'39"	00°03'09"	20.473
14/06/2024 00:00:00	♇	29°50'23" ♀	-01°13'25"	-01°15'52"	00°00'35"	29.996
14/06/2024 00:00:00	♁	01°42'50" ♀	-22°50'42"	-03°08'52"	-00°01'02"	34.232
14/06/2024 00:00:00	♄	12°51'32" ♀	05°04'43"	00°00'00"	-00°00'12"	0.002
14/06/2024 00:00:00	♅	22°46'05" ♀	09°54'18"	01°07'51"	00°02'04"	19.144
14/06/2024 00:00:00	♁	28°17'40" ♀	01°48'39"	01°14'03"	00°06'38"	0.003
14/06/2024 00:00:00	♄♁	12°51'32" ♀	05°04'43"	00°00'00"	-00°00'12"	0.002
14/06/2024 00:00:00	♄♁	28°22'32" ♀	01°48'49"	01°16'22"	-01°10'13"	0.003
14/06/2024 00:00:00	X	25°22'26" ♀	-00°15'31"	-10°48'05"	00°00'22"	96.187
14/06/2024 00:00:00	Y	00°37'41" ♀	08°47'07"	-11°44'16"	00°00'45"	84.352
15/06/2024 00:00:00	♁	24°23'54" ♀	23°19'11"	-00°00'00"	00°57'18"	1.016
15/06/2024 00:00:00	♁	02°51'09" ♀	-00°19'21"	00°53'03"	11°48'47"	0.003
15/06/2024 00:00:00	♁	24°47'06" ♀	24°19'44" ○	00°59'38"	02°11'57"	1.323
15/06/2024 00:00:00	♁	27°13'06" ♀	23°45'28" ○	00°20'55"	01°13'43"	1.732
15/06/2024 00:00:00	♁	04°18'02" ♂	11°55'52"	-01°05'06"	00°44'14"	1.804
15/06/2024 00:00:00	♃	04°39'11" ♀	20°22'29"	-00°42'16"	00°13'40"	5.967
15/06/2024 00:00:00	♅	19°14'46" ♀	-06°01'04"	-01°54'54"	00°01'27"	9.546

Ephemerides year 2024

15/06/2024 00:00:00	♃	24°56'06"	♏	18°44'48"	-00°15'39"	00°03'08"	20.465
15/06/2024 00:00:00	♃	29°50'58"	♏	-01°13'14"	-01°15'55"	00°00'33"	29.979
15/06/2024 00:00:00	♃	01°41'47"	♏	-22°51'05"	-03°09'01"	-00°01'03"	34.223
15/06/2024 00:00:00	♃	12°51'41"	♏	05°04'46"	00°00'00"	00°00'20"	0.002
15/06/2024 00:00:00	♃	22°48'09"	♏	09°55'03"	01°07'50"	00°02'02"	19.129
15/06/2024 00:00:00	♃	28°24'19"	♏	01°45'13"	01°13'12"	00°06'38"	0.003
15/06/2024 00:00:00	♃	12°51'41"	♏	05°04'46"	00°00'00"	00°00'20"	0.002
15/06/2024 00:00:00	♃	27°13'41"	♏	02°21'37"	01°22'16"	-01°10'39"	0.003
15/06/2024 00:00:00	X	25°22'48"	♏	-00°15'26"	-10°48'09"	00°00'21"	96.173
15/06/2024 00:00:00	Y	00°38'26"	♏	08°47'13"	-11°44'19"	00°00'45"	84.345
16/06/2024 00:00:00	♃	25°21'12"	♏	23°21'24"	-00°00'00"	00°57'17"	1.016
16/06/2024 00:00:00	♃	14°41'49"	♏	-05°56'30"	-00°09'45"	11°53'26"	0.003
16/06/2024 00:00:00	♃	26°58'55"	♏	24°32'16"	01°08'03"	02°11'37"	1.322
16/06/2024 00:00:00	♃	28°26'49"	♏	23°49'00"	00°23'14"	01°13'42"	1.732
16/06/2024 00:00:00	♃	05°02'14"	♏	12°11'05"	-01°04'39"	00°44'10"	1.800
16/06/2024 00:00:00	♃	04°52'50"	♏	20°25'00"	-00°42'14"	00°13'38"	5.962
16/06/2024 00:00:00	♃	19°16'11"	♏	-06°00'44"	-01°55'09"	00°01'22"	9.529
16/06/2024 00:00:00	♃	24°59'14"	♏	18°45'34"	-00°15'39"	00°03'06"	20.456
16/06/2024 00:00:00	♃	29°51'31"	♏	-01°13'04"	-01°15'58"	00°00'31"	29.962



Ephemerides year 2024

16/06/2024 00:00:00	♁	01°40'43" ♁	-22°51'28"	-03°09'09"	-00°01'04"	34.213
16/06/2024 00:00:00	♁	12°51'53" ♁	05°04'51"	00°00'00"	-00°00'08"	0.002
16/06/2024 00:00:00	♁	22°50'10" ♁	09°55'47"	01°07'49"	00°01'59"	19.114
16/06/2024 00:00:00	♁	28°30'58" ♁	01°41'47"	01°12'20"	00°06'38"	0.003
16/06/2024 00:00:00	♁	12°51'53" ♁	05°04'51"	00°00'00"	-00°00'08"	0.002
16/06/2024 00:00:00	♁	25°55'11" ♁	02°58'53"	01°28'53"	-01°29'02"	0.003
16/06/2024 00:00:00	X	25°23'09" ♁	-00°15'23"	-10°48'13"	00°00'21"	96.158
16/06/2024 00:00:00	Y	00°39'11" ♁	08°47'18"	-11°44'23"	00°00'44"	84.338
17/06/2024 00:00:00	♁	26°18'29" ♁	23°23'12"	-00°00'00"	00°57'16"	1.016
17/06/2024 00:00:00	♁	26°39'44" ♁	-11°24'40"	-01°12'41"	12°03'10"	0.003
17/06/2024 00:00:00	♁	29°10'17" ♁	24°42'01" ♁	01°15'52"	02°11'02"	1.320
17/06/2024 00:00:00	♁	29°40'32" ♁	23°51'49" ♁	00°25'32"	01°13'42"	1.731
17/06/2024 00:00:00	♁	05°46'23" ♁	12°26'09"	-01°04'12"	00°44'06"	1.796
17/06/2024 00:00:00	♁	05°06'28" ♁	20°27'29"	-00°42'11"	00°13'36"	5.957
17/06/2024 00:00:00	♁	19°17'30" ♁	-06°00'27"	-01°55'24"	00°01'16"	9.513
17/06/2024 00:00:00	♁	25°02'20" ♁	18°46'19"	-00°15'39"	00°03'05"	20.447
17/06/2024 00:00:00	♁	29°52'02" ♁	-01°12'54"	-01°16'01"	00°00'30"	29.945
17/06/2024 00:00:00	♁	01°39'38" ♁	-22°51'51"	-03°09'18"	-00°01'05"	34.204
17/06/2024 00:00:00	♁	12°51'05" ♁	05°04'32"	00°00'00"	-00°01'35"	0.002

Ephemerides year 2024

17/06/2024 00:00:00	♄	22°52'08" ♈	09°56'30"	01°07'48"	00°01'56"	19.098
17/06/2024 00:00:00	♁	28°37'37" ♉	01°38'21"	01°11'29"	00°06'38"	0.003
17/06/2024 00:00:00	♁♁	12°51'05" ♈	05°04'32"	00°00'00"	-00°01'35"	0.002
17/06/2024 00:00:00	♁♁	24°11'23" ♉	03°47'55"	01°37'25"	-01°59'52"	0.003
17/06/2024 00:00:00	X	25°23'30" ♈	-00°15'19"	-10°48'17"	00°00'20"	96.144
17/06/2024 00:00:00	Y	00°39'56" ♀	08°47'24"	-11°44'26"	00°00'44"	84.330
18/06/2024 00:00:00	♁	27°15'45" ♀	23°24'35"	-00°00'00"	00°57'15"	1.016
18/06/2024 00:00:00	♁	08°49'39" ♉	-16°32'39"	-02°13'15"	12°17'20"	0.003
18/06/2024 00:00:00	♁	01°20'55" ♉	24°48'57"	01°23'03"	02°10'12"	1.317
18/06/2024 00:00:00	♁	00°54'14" ♉	23°53'56"	00°27'48"	01°13'42"	1.730
18/06/2024 00:00:00	♁	06°30'28" ♉	12°41'05"	-01°03'45"	00°44'03"	1.792
18/06/2024 00:00:00	♁	05°20'03" ♀	20°29'56"	-00°42'09"	00°13'34"	5.952
18/06/2024 00:00:00	♁	19°18'43" ♉	-06°00'12"	-01°55'40"	00°01'10"	9.496
18/06/2024 00:00:00	♁	25°05'25" ♉	18°47'03"	-00°15'39"	00°03'04"	20.439
18/06/2024 00:00:00	♁	29°52'31" ♉	-01°12'46"	-01°16'04"	00°00'28"	29.928
18/06/2024 00:00:00	♁	01°38'32" ♉	-22°52'14"	-03°09'26"	-00°01'06"	34.195
18/06/2024 00:00:00	♁	12°48'26" ♈	05°03'30"	00°00'00"	-00°03'47"	0.002
18/06/2024 00:00:00	♁	22°54'03" ♈	09°57'12"	01°07'48"	00°01'54"	19.083
18/06/2024 00:00:00	♁	28°44'16" ♉	01°34'55"	01°10'37"	00°06'38"	0.003

Ephemerides year 2024

18/06/2024 00:00:00	T♄	12°48'26" ♏	05°03'30"	00°00'00"	-00°03'47"	0.002
18/06/2024 00:00:00	T♄	21°54'59" ♏	04°51'55"	01°48'20"	-02°31'53"	0.003
18/06/2024 00:00:00	X	25°23'50" ♏	-00°15'15"	-10°48'21"	00°00'20"	96.129
18/06/2024 00:00:00	Y	00°40'40" ♏	08°47'29"	-11°44'29"	00°00'44"	84.322
19/06/2024 00:00:00	☉	28°13'01" ♏	23°25'34"	-00°00'00"	00°57'15"	1.016
19/06/2024 00:00:00	☾	21°15'33" ♏	-21°06'28"	-03°08'43"	12°34'55"	0.003
19/06/2024 00:00:00	♃	03°30'37" ♏	24°53'03"	01°29'34"	02°09'09"	1.312
19/06/2024 00:00:00	♂	02°07'57" ♏	23°55'20"	00°30'04"	01°13'42"	1.730
19/06/2024 00:00:00	♂	07°14'29" ♏	12°55'53"	-01°03'16"	00°43'59"	1.788
19/06/2024 00:00:00	♃	05°33'37" ♏	20°32'22"	-00°42'07"	00°13'32"	5.946
19/06/2024 00:00:00	♃	19°19'51" ♏	-06°00'00"	-01°55'55"	00°01'04"	9.480
19/06/2024 00:00:00	♃	25°08'29" ♏	18°47'47"	-00°15'39"	00°03'02"	20.429
19/06/2024 00:00:00	♃	29°52'58" ♏	-01°12'38"	-01°16'07"	00°00'26"	29.912
19/06/2024 00:00:00	♃	01°37'25" ♏	-22°52'37"	-03°09'35"	-00°01'07"	34.186
19/06/2024 00:00:00	♁	12°43'22" ♏	05°01'32"	00°00'00"	-00°06'21"	0.002
19/06/2024 00:00:00	♁	22°55'57" ♏	09°57'54"	01°07'47"	00°01'51"	19.068
19/06/2024 00:00:00	♁	28°50'55" ♏	01°31'29"	01°09'45"	00°06'38"	0.003
19/06/2024 00:00:00	T♄	12°43'22" ♏	05°01'32"	00°00'00"	-00°06'21"	0.002
19/06/2024 00:00:00	T♄	19°12'24" ♏	06°07'32"	02°00'56"	-02°49'32"	0.003

Ephemerides year 2024

19/06/2024 00:00:00	X	25°24'10" ♀	-00°15'12"	-10°48'25"	00°00'19"	96.114
19/06/2024 00:00:00	Y	00°41'25" ♀	08°47'34"	-11°44'33"	00°00'44"	84.314
20/06/2024 00:00:00	☉	29°10'16" ♀	23°26'08"	-00°00'00"	00°57'14"	1.016
20/06/2024 00:00:00	☾	04°00'12" ♂	-24°48'42"	-03°56'06"	12°54'34"	0.003
20/06/2024 00:00:00	♁	05°39'09" ♉	24°54'21"	01°35'23"	02°07'53"	1.306
20/06/2024 00:00:00	♂	03°21'40" ♉	23°56'02"	00°32'18"	01°13'42"	1.729
20/06/2024 00:00:00	♊	07°58'26" ♉	13°10'33"	-01°02'48"	00°43'55"	1.784
20/06/2024 00:00:00	♋	05°47'08" ♀	20°34'46"	-00°42'05"	00°13'29"	5.941
20/06/2024 00:00:00	♌	19°20'52" ♀	-05°59'50"	-01°56'10"	00°00'58"	9.463
20/06/2024 00:00:00	♍	25°11'31" ♂	18°48'31"	-00°15'39"	00°03'01"	20.420
20/06/2024 00:00:00	♎	29°53'23" ♀	-01°12'30"	-01°16'10"	00°00'24"	29.895
20/06/2024 00:00:00	♏	01°36'17" ♏	-22°53'01"	-03°09'43"	-00°01'08"	34.178
20/06/2024 00:00:00	♐	12°35'45" ♀	04°58'34"	00°00'00"	-00°08'50"	0.002
20/06/2024 00:00:00	♑	22°57'47" ♀	09°58'34"	01°07'46"	00°01'49"	19.052
20/06/2024 00:00:00	♒	28°57'34" ♀	01°28'02"	01°08'54"	00°06'39"	0.003
20/06/2024 00:00:00	T♏	12°35'45" ♀	04°58'34"	00°00'00"	-00°08'50"	0.002
20/06/2024 00:00:00	T♑	16°25'19" ♀	07°24'21"	02°13'23"	-02°39'19"	0.003
20/06/2024 00:00:00	X	25°24'30" ♀	-00°15'09"	-10°48'29"	00°00'19"	96.099
20/06/2024 00:00:00	Y	00°42'09" ♀	08°47'38"	-11°44'37"	00°00'43"	84.305

Ephemerides year 2024

21/06/2024 00:00:00	☉	00°07'30" ♉	23°26'17"	-00°00'00"	00°57'14"	1.016
21/06/2024 00:00:00	☾	17°04'52" ♋	-27°19'42"	o-04°32'21"	13°14'39"	0.003
21/06/2024 00:00:00	♁	07°46'20" ♉	24°52'55"	o 01°40'28"	02°06'26"	1.299
21/06/2024 00:00:00	♂	04°35'22" ♉	23°56'01"	o 00°34'31"	01°13'42"	1.728
21/06/2024 00:00:00	♊	08°42'20" ♋	13°25'05"	-01°02'19"	00°43'51"	1.780
21/06/2024 00:00:00	♋	06°00'36" ♋	20°37'08"	-00°42'03"	00°13'27"	5.935
21/06/2024 00:00:00	♌	19°21'48" ♌	-05°59'42"	-01°56'25"	00°00'52"	9.447
21/06/2024 00:00:00	♍	25°14'32" ♌	18°49'15"	-00°15'38"	00°03'00"	20.411
21/06/2024 00:00:00	♎	29°53'47" ♌	-01°12'24"	-01°16'13"	00°00'22"	29.878
21/06/2024 00:00:00	♏	01°35'08" ♍	-22°53'24"	-03°09'51"	-00°01'09"	34.169
21/06/2024 00:00:00	♐	12°25'52" ♏	04°54'43"	00°00'00"	-00°10'46"	0.002
21/06/2024 00:00:00	♑	22°59'35" ♏	09°59'13"	01°07'45"	00°01'46"	19.036
21/06/2024 00:00:00	♒	29°04'13" ♏	01°24'36"	01°08'02"	00°06'39"	0.003
21/06/2024 00:00:00	T♏	12°25'52" ♏	04°54'43"	00°00'00"	-00°10'46"	0.002
21/06/2024 00:00:00	T♑	14°04'04" ♏	08°28'23"	02°23'23"	-01°58'39"	0.003
21/06/2024 00:00:00	X	25°24'49" ♏	-00°15'06"	-10°48'33"	00°00'18"	96.084
21/06/2024 00:00:00	Y	00°42'52" ♉	08°47'43"	-11°44'41"	00°00'43"	84.297
22/06/2024 00:00:00	☉	01°04'44" ♉	23°26'01"	-00°00'00"	00°57'13"	1.016
22/06/2024 00:00:00	☾	00°29'06" ♋	-28°20'52"	o-04°54'37"	13°33'26"	0.003

Ephemerides year 2024

22/06/2024 00:00:00	♀	09°51'59" ♉	24°48'49" ♍	01°44'49"	02°04'50"	1.291
22/06/2024 00:00:00	♀	05°49'05" ♉	23°55'18" ♍	00°36'43"	01°13'42"	1.727
22/06/2024 00:00:00	♂	09°26'10" ♉	13°39'28"	-01°01'49"	00°43'48"	1.776
22/06/2024 00:00:00	♋	06°14'03" ♉	20°39'29"	-00°42'00"	00°13'25"	5.929
22/06/2024 00:00:00	♃	19°22'38" ♉	-05°59'36"	-01°56'40"	00°00'46"	9.431
22/06/2024 00:00:00	♃	25°17'31" ♉	18°49'58"	-00°15'38"	00°02'58"	20.401
22/06/2024 00:00:00	♃	29°54'08" ♉	-01°12'18"	-01°16'16"	00°00'20"	29.861
22/06/2024 00:00:00	♃	01°33'58" ♉	-22°53'48"	-03°09'59"	-00°01'10"	34.161
22/06/2024 00:00:00	♃	12°14'32" ♉	04°50'17"	00°00'00"	-00°11'44"	0.002
22/06/2024 00:00:00	♃	23°01'20" ♉	09°59'52"	01°07'44"	00°01'43"	19.020
22/06/2024 00:00:00	♃	29°10'52" ♉	01°21'10"	01°07'10"	00°06'39"	0.003
22/06/2024 00:00:00	T♃	12°14'32" ♉	04°50'17"	00°00'00"	-00°11'44"	0.002
22/06/2024 00:00:00	T♃	12°34'37" ♉	09°08'13"	02°29'12"	-00°58'24"	0.003
22/06/2024 00:00:00	X	25°25'07" ♉	-00°15'04"	-10°48'37"	00°00'18"	96.068
22/06/2024 00:00:00	Y	00°43'36" ♉	08°47'47"	-11°44'45"	00°00'43"	84.288
23/06/2024 00:00:00	♃	02°01'58" ♉	23°25'21"	-00°00'00"	00°57'13"	1.016
23/06/2024 00:00:00	♃	14°10'46" ♉	-27°39'52" ♍	-05°00'36"	13°49'19"	0.003
23/06/2024 00:00:00	♀	11°55'59" ♉	24°42'08" ♍	01°48'25"	02°03'07"	1.282
23/06/2024 00:00:00	♀	07°02'47" ♉	23°53'53" ♍	00°38'53"	01°13'42"	1.726

Ephemerides year 2024

23/06/2024 00:00:00	♂	10°09'56" ♄	13°53'43"	-01°01'19"	00°43'44"	1.772
23/06/2024 00:00:00	♃	06°27'27" ♁	20°41'48"	-00°41'58"	00°13'22"	5.922
23/06/2024 00:00:00	♅	19°23'22" ♃	-05°59'33"	-01°56'56"	00°00'40"	9.414
23/06/2024 00:00:00	♁	25°20'29" ♄	18°50'40"	-00°15'38"	00°02'57"	20.391
23/06/2024 00:00:00	♃	29°54'28" ♃	-01°12'13"	-01°16'19"	00°00'18"	29.844
23/06/2024 00:00:00	♁	01°32'47" ♃	-22°54'12"	-03°10'07"	-00°01'11"	34.154
23/06/2024 00:00:00	♁	12°02'47" ♃	04°45'42"	00°00'00"	-00°11'32"	0.002
23/06/2024 00:00:00	♃	23°03'03" ♃	10°00'29"	01°07'44"	00°01'41"	19.005
23/06/2024 00:00:00	♁	29°17'31" ♃	01°17'44"	01°06'18"	00°06'39"	0.003
23/06/2024 00:00:00	♁	12°02'47" ♃	04°45'42"	00°00'00"	-00°11'32"	0.002
23/06/2024 00:00:00	♁	12°07'57" ♃	09°19'27"	02°30'18"	00°04'00"	0.003
23/06/2024 00:00:00	X	25°25'25" ♃	-00°15'01"	-10°48'42"	00°00'17"	96.053
23/06/2024 00:00:00	Y	00°44'19" ♁	08°47'52"	-11°44'49"	00°00'42"	84.279
24/06/2024 00:00:00	♁	02°59'11" ♃	23°24'16"	-00°00'00"	00°57'13"	1.016
24/06/2024 00:00:00	♁	28°06'24" ♃	-25°15'20"	-04°49'00"	14°01'13"	0.002
24/06/2024 00:00:00	♁	13°58'12" ♃	24°33'00"	01°51'17"	02°01'17"	1.272
24/06/2024 00:00:00	♀	08°16'30" ♃	23°51'44"	00°41'01"	01°13'42"	1.725
24/06/2024 00:00:00	♂	10°53'39" ♄	14°07'49"	-01°00'48"	00°43'40"	1.768
24/06/2024 00:00:00	♃	06°40'48" ♁	20°44'06"	-00°41'57"	00°13'20"	5.916

Ephemerides year 2024

24/06/2024 00:00:00	♃	19°23'59" ♈	-05°59'32"	-01°57'11"	00°00'34"	9.398
24/06/2024 00:00:00	♅	25°23'25" ♊	18°51'22"	-00°15'38"	00°02'55"	20.381
24/06/2024 00:00:00	♆	29°54'45" ♈	-01°12'09"	-01°16'22"	00°00'16"	29.827
24/06/2024 00:00:00	♁	01°31'36" ♋	-22°54'36"	-03°10'15"	-00°01'12"	34.146
24/06/2024 00:00:00	♄	11°51'51" ♈	04°41'26"	00°00'00"	-00°10'09"	0.002
24/06/2024 00:00:00	♂	23°04'43" ♈	10°01'06"	01°07'43"	00°01'38"	18.989
24/06/2024 00:00:00	♁	29°24'10" ♋	01°14'17"	01°05'26"	00°06'39"	0.003
24/06/2024 00:00:00	♄	11°51'51" ♈	04°41'26"	00°00'00"	-00°10'09"	0.002
24/06/2024 00:00:00	♁	12°38'13" ♋	09°05'01"	02°27'14"	00°53'24"	0.003
24/06/2024 00:00:00	X	25°25'42" ♈	-00°14'59"	-10°48'46"	00°00'16"	96.037
24/06/2024 00:00:00	Y	00°45'01" ♀	08°47'56"	-11°44'53"	00°00'42"	84.269
25/06/2024 00:00:00	♁	03°56'24" ♋	23°22'46"	-00°00'00"	00°57'12"	1.016
25/06/2024 00:00:00	♃	12°11'44" ♋	-21°17'31"	-04°19'49"	14°08'43"	0.002
25/06/2024 00:00:00	♁	15°58'33" ♋	24°21'32"	01°53'23"	01°59'23"	1.261
25/06/2024 00:00:00	♁	09°30'12" ♋	23°48'54"	00°43'08"	01°13'42"	1.724
25/06/2024 00:00:00	♂	11°37'17" ♊	14°21'47"	-01°00'17"	00°43'36"	1.764
25/06/2024 00:00:00	♁	06°54'07" ♀	20°46'21"	-00°41'55"	00°13'17"	5.910
25/06/2024 00:00:00	♃	19°24'31" ♈	-05°59'34"	-01°57'26"	00°00'28"	9.382
25/06/2024 00:00:00	♅	25°26'20" ♊	18°52'04"	-00°15'38"	00°02'53"	20.370



Ephemerides year 2024

25/06/2024 00:00:00	♁	29°55'01"	♈	-01°12'05"	-01°16'25"	00°00'14"	29.811
25/06/2024 00:00:00	♁	01°30'23"	♊	-22°55'00"	-03°10'23"	-00°01'12"	34.139
25/06/2024 00:00:00	♁	11°42'46"	♈	04°37'53"	00°00'00"	-00°07'52"	0.002
25/06/2024 00:00:00	♁	23°06'20"	♈	10°01'41"	01°07'42"	00°01'35"	18.972
25/06/2024 00:00:00	♁	29°30'49"	♎	01°10'51"	01°04'35"	00°06'38"	0.003
25/06/2024 00:00:00	T♁	11°42'46"	♈	04°37'53"	00°00'00"	-00°07'52"	0.002
25/06/2024 00:00:00	T♁	13°47'32"	♎	08°32'55"	02°21'22"	01°21'23"	0.003
25/06/2024 00:00:00	X	25°25'59"	♈	-00°14'57"	-10°48'50"	00°00'16"	96.022
25/06/2024 00:00:00	Y	00°45'44"	♁	08°48'00"	-11°44'57"	00°00'42"	84.260
26/06/2024 00:00:00	♁	04°53'37"	♎	23°20'52"	-00°00'00"	00°57'12"	1.016
26/06/2024 00:00:00	♁	26°22'28"	♊	-16°05'01"	-03°34'29"	14°12'06"	0.002
26/06/2024 00:00:00	♁	17°56'57"	♎	24°07'50"	01°54'46"	01°57'24"	1.249
26/06/2024 00:00:00	♁	10°43'55"	♎	23°45'21"	00°45'13"	01°13'42"	1.722
26/06/2024 00:00:00	♁	12°20'51"	♏	14°35'35"	-00°59'45"	00°43'32"	1.760
26/06/2024 00:00:00	♁	07°07'23"	♁	20°48'35"	-00°41'53"	00°13'14"	5.903
26/06/2024 00:00:00	♁	19°24'57"	♈	-05°59'38"	-01°57'42"	00°00'22"	9.366
26/06/2024 00:00:00	♁	25°29'13"	♏	18°52'45"	-00°15'38"	00°02'52"	20.360
26/06/2024 00:00:00	♁	29°55'14"	♈	-01°12'03"	-01°16'28"	00°00'12"	29.794
26/06/2024 00:00:00	♁	01°29'10"	♊	-22°55'24"	-03°10'31"	-00°01'13"	34.132

Ephemerides year 2024

26/06/2024 00:00:00	♏	11°36'15" ♀	04°35'21"	00°00'00"	-00°05'08"	0.002
26/06/2024 00:00:00	♋	23°07'54" ♀	10°02'16"	01°07'41"	00°01'32"	18.956
26/06/2024 00:00:00	♌	29°37'28" ♀	01°07'25"	01°03'43"	00°06'38"	0.003
26/06/2024 00:00:00	♏	11°36'15" ♀	04°35'21"	00°00'00"	-00°05'08"	0.002
26/06/2024 00:00:00	♌	15°13'54" ♀	07°52'59"	02°14'18"	01°28'29"	0.003
26/06/2024 00:00:00	X	25°26'15" ♀	-00°14'56"	-10°48'55"	00°00'15"	96.006
26/06/2024 00:00:00	Y	00°46'25" ♀	08°48'04"	-11°45'02"	00°00'41"	84.250
27/06/2024 00:00:00	♏	05°50'50" ♀	23°18'33"	-00°00'00"	00°57'12"	1.017
27/06/2024 00:00:00	♎	10°34'53" ♀	-10°00'01"	-02°35'44"	14°12'14"	0.002
27/06/2024 00:00:00	♌	19°53'21" ♀	23°52'03"	01°55'25"	01°55'22"	1.237
27/06/2024 00:00:00	♌	11°57'38" ♀	23°41'05"	00°47'16"	01°13'42"	1.721
27/06/2024 00:00:00	♌	13°04'21" ♀	14°49'14"	-00°59'13"	00°43'28"	1.756
27/06/2024 00:00:00	♌	07°20'36" ♀	20°50'48"	-00°41'51"	00°13'11"	5.896
27/06/2024 00:00:00	♌	19°25'17" ♀	-05°59'44"	-01°57'57"	00°00'16"	9.350
27/06/2024 00:00:00	♌	25°32'04" ♀	18°53'26"	-00°15'38"	00°02'50"	20.349
27/06/2024 00:00:00	♌	29°55'26" ♀	-01°12'01"	-01°16'31"	00°00'10"	29.777
27/06/2024 00:00:00	♌	01°27'55" ♀	-22°55'48"	-03°10'39"	-00°01'14"	34.125
27/06/2024 00:00:00	♏	11°32'27" ♀	04°33'51"	00°00'00"	-00°02'33"	0.002
27/06/2024 00:00:00	♋	23°09'26" ♀	10°02'49"	01°07'41"	00°01'30"	18.940

Ephemerides year 2024

27/06/2024 00:00:00	☾	29°44'07" ♎	01°03'58"	01°02'51"	00°06'38"	0.003
27/06/2024 00:00:00	♁	11°32'27" ♏	04°33'51"	00°00'00"	-00°02'33"	0.002
27/06/2024 00:00:00	♁	16°41'21" ♎	07°12'28"	02°07'15"	01°26'30"	0.003
27/06/2024 00:00:00	X	25°26'30" ♏	-00°14'54"	-10°48'59"	00°00'15"	95.990
27/06/2024 00:00:00	Y	00°47'07" ♀	08°48'07"	-11°45'06"	00°00'41"	84.240
28/06/2024 00:00:00	☉	06°48'02" ♉	23°15'49"	-00°00'00"	00°57'12"	1.017
28/06/2024 00:00:00	☾	24°46'12" ♏	-03°24'51"	-01°27'20"	14°10'07"	0.002
28/06/2024 00:00:00	♀	21°47'42" ♉	23°34'20"	01°55'21"	01°53'19"	1.224
28/06/2024 00:00:00	♀	13°11'20" ♉	23°36'08"	00°49'17"	01°13'42"	1.720
28/06/2024 00:00:00	♂	13°47'48" ♉	15°02'45"	-00°58'40"	00°43'24"	1.751
28/06/2024 00:00:00	♃	07°33'46" ♀	20°52'59"	-00°41'49"	00°13'08"	5.889
28/06/2024 00:00:00	♃	19°25'31" ♏	-05°59'53"	-01°58'12"	00°00'10"	9.334
28/06/2024 00:00:00	♃	25°34'54" ♉	18°54'07"	-00°15'38"	00°02'48"	20.338
28/06/2024 00:00:00	♃	29°55'35" ♏	-01°12'00"	-01°16'34"	00°00'08"	29.760
28/06/2024 00:00:00	♃	01°26'40" ♏	-22°56'13"	-03°10'47"	-00°01'15"	34.119
28/06/2024 00:00:00	♁	11°30'54" ♏	04°33'15"	00°00'00"	-00°00'42"	0.002
28/06/2024 00:00:00	♃	23°10'55" ♏	10°03'21"	01°07'40"	00°01'27"	18.924
28/06/2024 00:00:00	☾	29°50'46" ♎	01°00'32"	01°01'59"	00°06'38"	0.003
28/06/2024 00:00:00	♁	11°30'54" ♏	04°33'15"	00°00'00"	-00°00'42"	0.002

Ephemerides year 2024

28/06/2024 00:00:00	T♄	18°11'05" ♍	06°30'46"	02°00'02"	01°36'51"	0.003
28/06/2024 00:00:00	X	25°26'45" ♀	-00°14'53"	-10°49'04"	00°00'14"	95.974
28/06/2024 00:00:00	Y	00°47'48" ♀	08°48'10"	-11°45'11"	00°00'40"	84.229
29/06/2024 00:00:00	☉	07°45'15" ♉	23°12'41"	-00°00'00"	00°57'12"	1.017
29/06/2024 00:00:00	☾	08°54'41" ♀	03°19'18"	-00°13'45"	14°06'40"	0.002
29/06/2024 00:00:00	♁	23°39'59" ♉	23°14'47"	01°54'36"	01°51'14"	1.211
29/06/2024 00:00:00	♂	14°25'03" ♉	23°30'28"	00°51'16"	01°13'43"	1.718
29/06/2024 00:00:00	♂	14°31'10" ♉	15°16'06"	-00°58'07"	00°43'20"	1.747
29/06/2024 00:00:00	♂	07°46'54" ♀	20°55'08"	-00°41'48"	00°13'06"	5.881
29/06/2024 00:00:00	♃	19°25'39" ♉	-06°00'04"	-01°58'27"	00°00'04"	9.318
29/06/2024 00:00:00	♃	25°37'42" ♉	18°54'46"	-00°15'38"	00°02'47"	20.326
29/06/2024 00:00:00	♃	29°55'43" ♉	-01°12'00"	-01°16'37"	00°00'06"	29.744
29/06/2024 00:00:00	♃	01°25'24" ♉	-22°56'37"	-03°10'54"	-00°01'16"	34.112
29/06/2024 00:00:00	♃	11°30'39" ♀	04°33'09"	00°00'00"	00°00'00"	0.002
29/06/2024 00:00:00	♃	23°12'20" ♀	10°03'52"	01°07'39"	00°01'24"	18.907
29/06/2024 00:00:00	♃	29°57'24" ♍	00°57'06"	01°01'07"	00°06'38"	0.003
29/06/2024 00:00:00	T♃	11°30'39" ♀	04°33'09"	00°00'00"	00°00'00"	0.002
29/06/2024 00:00:00	T♄	20°04'52" ♍	05°37'35"	01°50'47"	02°15'38"	0.003
29/06/2024 00:00:00	X	25°26'59" ♀	-00°14'53"	-10°49'08"	00°00'13"	95.958

Ephemerides year 2024

29/06/2024 00:00:00	Y	00°48'28" ♀	08°48'13"	-11°45'16"	00°00'40"	84.219
30/06/2024 00:00:00	☉	08°42'28" ♀	23°09'08"	00°00'00"	00°57'12"	1.017
30/06/2024 00:00:00	☾	22°59'16" ♀	09°52'13"	01°00'20"	14°02'22"	0.002
30/06/2024 00:00:00	♁	25°30'10" ♀	22°53'34"	01°53'09"	01°49'07"	1.197
30/06/2024 00:00:00	♂	15°38'47" ♀	23°24'07"	00°53'13"	01°13'43"	1.717
30/06/2024 00:00:00	♂	15°14'28" ♀	15°29'17"	-00°57'33"	00°43'15"	1.743
30/06/2024 00:00:00	♃	07°59'58" ♀	20°57'15"	-00°41'46"	00°13'03"	5.874
30/06/2024 00:00:00	♄	19°25'40" ♀	-06°00'17"	-01°58'43"	-00°00'01"	9.302
30/06/2024 00:00:00	♅	25°40'28" ♀	18°55'26"	-00°15'38"	00°02'45"	20.315
30/06/2024 00:00:00	♆	29°55'49" ♀	-01°12'00"	-01°16'40"	00°00'04"	29.727
30/06/2024 00:00:00	♇	01°24'08" ♀	-22°57'02"	-03°11'02"	-00°01'16"	34.106
30/06/2024 00:00:00	♈	11°30'29" ♀	04°33'05"	00°00'00"	-00°00'34"	0.002
30/06/2024 00:00:00	♉	23°13'43" ♀	10°04'23"	01°07'39"	00°01'21"	18.891
30/06/2024 00:00:00	♊	00°04'03" ♀	00°53'39"	01°00'15"	00°06'38"	0.003
30/06/2024 00:00:00	T♈	11°30'29" ♀	04°33'05"	00°00'00"	-00°00'34"	0.002
30/06/2024 00:00:00	T♉	22°49'09" ♀	04°20'12"	01°37'07"	03°13'57"	0.003
30/06/2024 00:00:00	X	25°27'13" ♀	-00°14'52"	-10°49'13"	00°00'13"	95.942
30/06/2024 00:00:00	Y	00°49'08" ♀	08°48'16"	-11°45'21"	00°00'39"	84.208
01/07/2024 00:00:00	☉	09°39'41" ♀	23°05'11"	00°00'00"	00°57'13"	1.017

Ephemerides year 2024

01/07/2024 00:00:00	♃	06°59'10" ♄	15°53'48"	02°10'19"	13°57'15"	0.002
01/07/2024 00:00:00	♆	27°18'14" ♁	22°30'48"	01°51'03"	01°47'01"	1.183
01/07/2024 00:00:00	♀	16°52'30" ♁	23°17'04"	00°55'07"	01°13'43"	1.716
01/07/2024 00:00:00	♂	15°57'42" ♄	15°42'19"	-00°56'59"	00°43'11"	1.739
01/07/2024 00:00:00	♃	08°13'00" ♀	20°59'20"	-00°41'45"	00°13'00"	5.866
01/07/2024 00:00:00	♄	19°25'36" ♃	-06°00'33"	-01°58'58"	-00°00'07"	9.287
01/07/2024 00:00:00	♃	25°43'12" ♄	18°56'05"	-00°15'38"	00°02'43"	20.303
01/07/2024 00:00:00	♃	29°55'52" ♃	-01°12'02"	-01°16'43"	00°00'02"	29.710
01/07/2024 00:00:00	♃	01°22'50" ♃	-22°57'26"	-03°11'09"	-00°01'17"	34.101
01/07/2024 00:00:00	♃	11°29'06" ♃	04°32'33"	00°00'00"	-00°02'21"	0.002
01/07/2024 00:00:00	♃	23°15'03" ♃	10°04'52"	01°07'38"	00°01'18"	18.874
01/07/2024 00:00:00	♃	00°10'42" ♃	00°50'13"	00°59'23"	00°06'38"	0.003
01/07/2024 00:00:00	♃	11°29'06" ♃	04°32'33"	00°00'00"	-00°02'21"	0.002
01/07/2024 00:00:00	♃	26°29'24" ♃	02°35'37"	01°18'20"	04°02'20"	0.003
01/07/2024 00:00:00	X	25°27'26" ♃	-00°14'52"	-10°49'17"	00°00'12"	95.926
01/07/2024 00:00:00	Y	00°49'48" ♀	08°48'19"	-11°45'26"	00°00'39"	84.197
02/07/2024 00:00:00	♃	10°36'54" ♁	23°00'50"	00°00'00"	00°57'13"	1.017
02/07/2024 00:00:00	♃	20°53'24" ♄	21°03'41"	03°11'58"	13°50'57"	0.003
02/07/2024 00:00:00	♆	29°04'12" ♁	22°06'36"	01°48'19"	01°44'54"	1.169

Ephemerides year 2024

02/07/2024 00:00:00	♀	18°06'14" ♉	23°09'20"	00°56'59"	01°13'43"	1.714
02/07/2024 00:00:00	♂	16°40'51" ♉	15°55'12"	-00°56'24"	00°43'07"	1.735
02/07/2024 00:00:00	♃	08°25'58" ♉	21°01'24"	-00°41'43"	00°12'56"	5.859
02/07/2024 00:00:00	♅	19°25'26" ♉	-06°00'50"	-01°59'13"	-00°00'13"	9.271
02/07/2024 00:00:00	♁	25°45'55" ♉	18°56'43"	-00°15'38"	00°02'41"	20.291
02/07/2024 00:00:00	♃	29°55'54" ♉	-01°12'04"	-01°16'46"	00°00'00"	29.694
02/07/2024 00:00:00	♁	01°21'32" ♉	-22°57'51"	-03°11'16"	-00°01'18"	34.095
02/07/2024 00:00:00	♁	11°25'30" ♉	04°31'08"	00°00'00"	-00°04'56"	0.002
02/07/2024 00:00:00	♁	23°16'21" ♉	10°05'20"	01°07'38"	00°01'15"	18.857
02/07/2024 00:00:00	♁	00°17'21" ♉	00°46'47"	00°58'31"	00°06'38"	0.003
02/07/2024 00:00:00	T♁	11°25'30" ♉	04°31'08"	00°00'00"	-00°04'56"	0.002
02/07/2024 00:00:00	T♁	00°42'12" ♉	00°34'48"	00°56'14"	04°16'29"	0.003
02/07/2024 00:00:00	X	25°27'38" ♉	-00°14'52"	-10°49'22"	00°00'12"	95.910
02/07/2024 00:00:00	Y	00°50'28" ♉	08°48'21"	-11°45'31"	00°00'39"	84.186
03/07/2024 00:00:00	♁	11°34'08" ♉	22°56'05"	00°00'00"	00°57'13"	1.017
03/07/2024 00:00:00	♁	04°40'30" ♉	25°01'54"	04°01'46"	13°42'54"	0.003
03/07/2024 00:00:00	♁	00°48'02" ♉	21°41'06"	01°44'57"	01°42'46"	1.154
03/07/2024 00:00:00	♀	19°19'58" ♉	23°00'55"	00°58'49"	01°13'44"	1.712
03/07/2024 00:00:00	♂	17°23'56" ♉	16°07'55"	-00°55'49"	00°43'02"	1.730

Ephemerides year 2024

03/07/2024 00:00:00	♃	08°38'54" ♀	21°03'26"	-00°41'42"	00°12'53"	5.851
03/07/2024 00:00:00	♅	19°25'10" ♀	-06°01'11"	-01°59'28"	-00°00'19"	9.256
03/07/2024 00:00:00	♆	25°48'36" ♂	18°57'21"	-00°15'38"	00°02'39"	20.279
03/07/2024 00:00:00	♆	29°55'54" ♀	-01°12'07"	-01°16'49"	-00°00'01"	29.677
03/07/2024 00:00:00	♆	01°20'14" ♀	-22°58'16"	-03°11'24"	-00°01'18"	34.090
03/07/2024 00:00:00	♁	11°19'07" ♀	04°28'39"	00°00'00"	-00°07'48"	0.002
03/07/2024 00:00:00	♁	23°17'35" ♀	10°05'47"	01°07'37"	00°01'12"	18.840
03/07/2024 00:00:00	♁	00°24'00" ♀	00°43'20"	00°57'38"	00°06'38"	0.003
03/07/2024 00:00:00	♁	11°19'07" ♀	04°28'39"	00°00'00"	-00°07'48"	0.002
03/07/2024 00:00:00	♁	04°48'48" ♀	-01°23'22"	00°34'11"	03°50'17"	0.003
03/07/2024 00:00:00	X	25°27'50" ♀	-00°14'52"	-10°49'26"	00°00'11"	95.894
03/07/2024 00:00:00	Y	00°51'07" ♀	08°48'24"	-11°45'36"	00°00'38"	84.175
04/07/2024 00:00:00	♁	12°31'21" ♀	22°50'56"	00°00'00"	00°57'13"	1.017
04/07/2024 00:00:00	♁	18°18'28" ♀	27°31'26" ♀	04°37'06"	13°32'36"	0.003
04/07/2024 00:00:00	♁	02°29'45" ♀	21°14'26"	01°40'58"	01°40'38"	1.139
04/07/2024 00:00:00	♁	20°33'42" ♀	22°51'49"	01°00'37"	01°13'44"	1.711
04/07/2024 00:00:00	♁	18°06'57" ♂	16°20'28"	-00°55'13"	00°42'58"	1.726
04/07/2024 00:00:00	♃	08°51'46" ♀	21°05'27"	-00°41'41"	00°12'50"	5.842
04/07/2024 00:00:00	♅	19°24'48" ♀	-06°01'33"	-01°59'43"	-00°00'25"	9.240



Ephemerides year 2024

04/07/2024 00:00:00	♃	25°51'15" ♂	18°57'59"	-00°15'38"	00°02'38"	20.267
04/07/2024 00:00:00	♃	29°55'52" ♀	-01°12'10"	-01°16'52"	-00°00'02"	29.661
04/07/2024 00:00:00	♃	01°18'55" ♀	-22°58'40"	-03°11'31"	-00°01'19"	34.085
04/07/2024 00:00:00	♃	11°09'59" ♀	04°25'04"	00°00'00"	-00°10'21"	0.002
04/07/2024 00:00:00	♃	23°18'46" ♀	10°06'13"	01°07'36"	00°01'09"	18.824
04/07/2024 00:00:00	♃	00°30'39" ♀	00°39'54"	00°56'46"	00°06'38"	0.003
04/07/2024 00:00:00	♃	11°09'59" ♀	04°25'04"	00°00'00"	-00°10'21"	0.002
04/07/2024 00:00:00	♃	08°11'39" ♀	-03°00'38"	00°15'37"	02°50'49"	0.003
04/07/2024 00:00:00	X	25°28'02" ♀	-00°14'52"	-10°49'31"	00°00'11"	95.877
04/07/2024 00:00:00	Y	00°51'45" ♀	08°48'26"	-11°45'41"	00°00'38"	84.163
05/07/2024 00:00:00	♃	13°28'35" ♀	22°45'22"	00°00'00"	00°57'13"	1.017
05/07/2024 00:00:00	♃	01°44'55" ♀	28°22'02" ♀	04°56'27"	13°19'51"	0.003
05/07/2024 00:00:00	♃	04°09'20" ♀	20°46'42"	01°36'24"	01°38'30"	1.124
05/07/2024 00:00:00	♃	21°47'26" ♀	22°42'03"	01°02'21"	01°13'44"	1.709
05/07/2024 00:00:00	♃	18°49'53" ♀	16°32'51"	-00°54'37"	00°42'53"	1.722
05/07/2024 00:00:00	♃	09°04'35" ♀	21°07'26"	-00°41'39"	00°12'46"	5.834
05/07/2024 00:00:00	♃	19°24'20" ♀	-06°01'58"	-01°59'58"	-00°00'31"	9.225
05/07/2024 00:00:00	♃	25°53'52" ♀	18°58'36"	-00°15'39"	00°02'36"	20.255
05/07/2024 00:00:00	♃	29°55'48" ♀	-01°12'14"	-01°16'55"	-00°00'04"	29.644

Ephemerides year 2024

05/07/2024 00:00:00	♁	01°17'35"	♊	-22°59'05"	-03°11'38"	-00°01'19"	34.081
05/07/2024 00:00:00	♁	10°58'40"	♊	04°20'38"	00°00'00"	-00°12'06"	0.002
05/07/2024 00:00:00	♁	23°19'55"	♊	10°06'38"	01°07'36"	00°01'07"	18.807
05/07/2024 00:00:00	♁	00°37'18"	♊	00°36'27"	00°55'54"	00°06'38"	0.003
05/07/2024 00:00:00	♁	10°58'40"	♊	04°20'38"	00°00'00"	-00°12'06"	0.002
05/07/2024 00:00:00	♁	10°23'40"	♊	-04°04'06"	00°03'03"	01°31'07"	0.003
05/07/2024 00:00:00	X	25°28'13"	♊	-00°14'53"	-10°49'36"	00°00'10"	95.861
05/07/2024 00:00:00	Y	00°52'23"	♊	08°48'28"	-11°45'47"	00°00'37"	84.151
06/07/2024 00:00:00	♁	14°25'49"	♊	22°39'25"	00°00'00"	00°57'13"	1.017
06/07/2024 00:00:00	♁	14°57'29"	♊	27°33'30"	04°59'28"	13°04'58"	0.003
06/07/2024 00:00:00	♁	05°46'47"	♊	20°18'01"	01°31'17"	01°36'22"	1.109
06/07/2024 00:00:00	♁	23°01'11"	♊	22°31'38"	01°04'04"	01°13'44"	1.707
06/07/2024 00:00:00	♁	19°32'44"	♊	16°45'04"	-00°54'00"	00°42'49"	1.717
06/07/2024 00:00:00	♁	09°17'20"	♊	21°09'23"	-00°41'38"	00°12'43"	5.826
06/07/2024 00:00:00	♁	19°23'46"	♊	-06°02'25"	-02°00'13"	-00°00'37"	9.210
06/07/2024 00:00:00	♁	25°56'27"	♊	18°59'12"	-00°15'39"	00°02'34"	20.242
06/07/2024 00:00:00	♁	29°55'42"	♊	-01°12'20"	-01°16'58"	-00°00'06"	29.628
06/07/2024 00:00:00	♁	01°16'15"	♊	-22°59'30"	-03°11'45"	-00°01'20"	34.076
06/07/2024 00:00:00	♁	10°46'09"	♊	04°15'44"	00°00'00"	-00°12'43"	0.002

Ephemerides year 2024

06/07/2024 00:00:00	♄	23°21'00" ♏	10°07'02"	01°07'35"	00°01'03"	18.790
06/07/2024 00:00:00	♁	00°43'57" ♉	00°33'00"	00°55'02"	00°06'38"	0.003
06/07/2024 00:00:00	♁♁	10°46'09" ♏	04°15'44"	00°00'00"	-00°12'43"	0.002
06/07/2024 00:00:00	♁♁	11°12'33" ♉	-04°28'12"	-00°02'18"	00°07'28"	0.003
06/07/2024 00:00:00	X	25°28'23" ♏	-00°14'54"	-10°49'41"	00°00'09"	95.844
06/07/2024 00:00:00	Y	00°53'01" ♀	08°48'30"	-11°45'53"	00°00'37"	84.139
07/07/2024 00:00:00	♁	15°23'03" ♉	22°33'05"	00°00'00"	00°57'13"	1.017
07/07/2024 00:00:00	♁	27°54'23" ♉	25°15'43" ♁	04°46'52"	12°48'41"	0.003
07/07/2024 00:00:00	♁	07°22'05" ♁	19°48'29"	01°25'37"	01°34'13"	1.093
07/07/2024 00:00:00	♁	24°14'55" ♉	22°20'33"	01°05'43"	01°13'44"	1.705
07/07/2024 00:00:00	♁	20°15'31" ♉	16°57'07"	-00°53'23"	00°42'44"	1.713
07/07/2024 00:00:00	♁	09°30'01" ♀	21°11'18"	-00°41'37"	00°12'39"	5.817
07/07/2024 00:00:00	♁	19°23'06" ♁	-06°02'55"	-02°00'28"	-00°00'43"	9.195
07/07/2024 00:00:00	♁	25°59'00" ♉	18°59'48"	-00°15'39"	00°02'32"	20.229
07/07/2024 00:00:00	♁	29°55'34" ♁	-01°12'26"	-01°17'01"	-00°00'08"	29.612
07/07/2024 00:00:00	♁	01°14'54" ♁	-22°59'55"	-03°11'52"	-00°01'21"	34.072
07/07/2024 00:00:00	♁	10°33'38" ♏	04°10'50"	00°00'00"	-00°12'06"	0.002
07/07/2024 00:00:00	♁	23°22'03" ♏	10°07'24"	01°07'35"	00°01'00"	18.773
07/07/2024 00:00:00	♁	00°50'36" ♉	00°29'34"	00°54'10"	00°06'38"	0.003

Ephemerides year 2024

07/07/2024 00:00:00	T♄	10°33'38" ♏	04°10'50"	00°00'00"	-00°12'06"	0.002
07/07/2024 00:00:00	T♄	10°43'21" ♏	-04°15'25"	-00°00'51"	-01°02'04"	0.003
07/07/2024 00:00:00	X	25°28'32" ♏	-00°14'55"	-10°49'45"	00°00'09"	95.828
07/07/2024 00:00:00	Y	00°53'38" ♀	08°48'31"	-11°45'58"	00°00'36"	84.127
08/07/2024 00:00:00	♁	16°20'16" ♉	22°26'21"	00°00'00"	00°57'13"	1.017
08/07/2024 00:00:00	♂	10°34'47" ♌	21°45'13"	04°20'13"	12°32'08"	0.003
08/07/2024 00:00:00	♀	08°55'14" ♌	19°18'13"	01°19'24"	01°32'04"	1.078
08/07/2024 00:00:00	♀	25°28'40" ♉	22°08'48"	01°07'20"	01°13'44"	1.703
08/07/2024 00:00:00	♂	20°58'13" ♌	17°08'59"	-00°52'45"	00°42'39"	1.709
08/07/2024 00:00:00	♃	09°42'39" ♀	21°13'12"	-00°41'36"	00°12'36"	5.808
08/07/2024 00:00:00	♃	19°22'20" ♏	-06°03'27"	-02°00'43"	-00°00'49"	9.180
08/07/2024 00:00:00	♃	26°01'31" ♌	19°00'24"	-00°15'39"	00°02'29"	20.216
08/07/2024 00:00:00	♃	29°55'24" ♏	-01°12'32"	-01°17'04"	-00°00'10"	29.596
08/07/2024 00:00:00	♃	01°13'33" ♏	-23°00'19"	-03°11'58"	-00°01'21"	34.069
08/07/2024 00:00:00	♁	10°22'17" ♏	04°06'23"	00°00'00"	-00°10'26"	0.002
08/07/2024 00:00:00	♃	23°23'02" ♏	10°07'46"	01°07'34"	00°00'57"	18.756
08/07/2024 00:00:00	♃	00°57'15" ♏	00°26'07"	00°53'17"	00°06'38"	0.003
08/07/2024 00:00:00	T♄	10°22'17" ♏	04°06'23"	00°00'00"	-00°10'26"	0.002
08/07/2024 00:00:00	T♄	09°18'07" ♏	-03°36'00"	00°05'37"	-01°42'51"	0.003

Ephemerides year 2024

08/07/2024 00:00:00	X	25°28'41" ♄	-00°14'56"	-10°49'50"	00°00'08"	95.811
08/07/2024 00:00:00	Y	00°54'15" ♀	08°48'32"	-11°46'04"	00°00'36"	84.115
09/07/2024 00:00:00	☉	17°17'30" ♃	22°19'13"	00°00'00"	00°57'13"	1.017
09/07/2024 00:00:00	☾	22°59'02" ♃	17°20'31"	03°41'36"	12°16'38"	0.003
09/07/2024 00:00:00	♁	10°26'13" ♃	18°47'19"	01°12'42"	01°29'53"	1.062
09/07/2024 00:00:00	♂	26°42'24" ♃	21°56'25"	01°08'53"	01°13'44"	1.701
09/07/2024 00:00:00	♂	21°40'50" ♃	17°20'41"	-00°52'07"	00°42'34"	1.704
09/07/2024 00:00:00	♃	09°55'13" ♀	21°15'04"	-00°41'35"	00°12'32"	5.799
09/07/2024 00:00:00	♃	19°21'28" ♃	-06°04'01"	-02°00'58"	-00°00'54"	9.165
09/07/2024 00:00:00	♃	26°04'00" ♃	19°00'58"	-00°15'39"	00°02'27"	20.203
09/07/2024 00:00:00	♃	29°55'12" ♃	-01°12'40"	-01°17'07"	-00°00'12"	29.580
09/07/2024 00:00:00	♃	01°12'11" ♃	-23°00'44"	-03°12'05"	-00°01'22"	34.065
09/07/2024 00:00:00	♃	10°12'59" ♄	04°02'44"	00°00'00"	-00°08'02"	0.002
09/07/2024 00:00:00	♃	23°23'59" ♄	10°08'06"	01°07'34"	00°00'54"	18.739
09/07/2024 00:00:00	♃	01°03'54" ♃	00°22'41"	00°52'25"	00°06'38"	0.003
09/07/2024 00:00:00	T♃	10°12'59" ♄	04°02'44"	00°00'00"	-00°08'02"	0.002
09/07/2024 00:00:00	T♃	07°28'37" ♃	-02°44'44"	00°14'26"	-01°51'07"	0.003
09/07/2024 00:00:00	X	25°28'49" ♄	-00°14'57"	-10°49'55"	00°00'07"	95.794
09/07/2024 00:00:00	Y	00°54'51" ♀	08°48'34"	-11°46'10"	00°00'35"	84.102

Ephemerides year 2024

10/07/2024 00:00:00	☉	18°14'44" ♉	22°11'43"	00°00'00"	00°57'13"	1.017
10/07/2024 00:00:00	☾	05°08'50" ♋	12°18'42"	02°53'26"	12°03'27"	0.003
10/07/2024 00:00:00	♀	11°55'02" ♋	18°15'52"	01°05'30"	01°27'42"	1.047
10/07/2024 00:00:00	♁	27°56'08" ♉	21°43'25"	01°10'24"	01°13'44"	1.699
10/07/2024 00:00:00	♂	22°23'22" ♉	17°32'13"	-00°51'29"	00°42'29"	1.700
10/07/2024 00:00:00	♃	10°07'44" ♉	21°16'55"	-00°41'34"	00°12'28"	5.790
10/07/2024 00:00:00	♄	19°20'30" ♉	-06°04'37"	-02°01'13"	-00°01'00"	9.150
10/07/2024 00:00:00	♅	26°06'27" ♉	19°01'33"	-00°15'39"	00°02'25"	20.190
10/07/2024 00:00:00	♆	29°54'59" ♉	-01°12'48"	-01°17'10"	-00°00'14"	29.564
10/07/2024 00:00:00	♇	01°10'48" ♉	-23°01'09"	-03°12'12"	-00°01'22"	34.062
10/07/2024 00:00:00	♈	10°06'17" ♉	04°00'06"	00°00'00"	-00°05'21"	0.002
10/07/2024 00:00:00	♉	23°24'52" ♉	10°08'25"	01°07'33"	00°00'51"	18.722
10/07/2024 00:00:00	♊	01°10'32" ♉	00°19'14"	00°51'33"	00°06'38"	0.003
10/07/2024 00:00:00	♋	10°06'17" ♉	04°00'06"	00°00'00"	-00°05'21"	0.002
10/07/2024 00:00:00	♌	05°43'48" ♉	-01°55'20"	00°23'06"	-01°35'49"	0.003
10/07/2024 00:00:00	X	25°28'57" ♉	-00°14'59"	-10°50'00"	00°00'07"	95.778
10/07/2024 00:00:00	Y	00°55'26" ♉	08°48'35"	-11°46'16"	00°00'35"	84.089
11/07/2024 00:00:00	☉	19°11'57" ♉	22°03'50"	00°00'00"	00°57'13"	1.017
11/07/2024 00:00:00	☾	17°07'07" ♋	06°54'04"	01°58'10"	11°53'46"	0.003

Ephemerides year 2024

11/07/2024 00:00:00	♀	13°21'38" ♈	17°43'59"	00°57'49"	01°25'29"	1.031
11/07/2024 00:00:00	♀	29°09'52" ♉	21°29'46"	01°11'52"	01°13'44"	1.697
11/07/2024 00:00:00	♂	23°05'49" ♊	17°43'35"	-00°50'50"	00°42'24"	1.696
11/07/2024 00:00:00	♋	10°20'10" ♉	21°18'43"	-00°41'33"	00°12'24"	5.781
11/07/2024 00:00:00	♌	19°19'26" ♈	-06°05'16"	-02°01'28"	-00°01'06"	9.136
11/07/2024 00:00:00	♍	26°08'51" ♊	19°02'07"	-00°15'39"	00°02'23"	20.176
11/07/2024 00:00:00	♎	29°54'43" ♈	-01°12'57"	-01°17'13"	-00°00'16"	29.548
11/07/2024 00:00:00	♏	01°09'26" ♎	-23°01'34"	-03°12'18"	-00°01'23"	34.059
11/07/2024 00:00:00	♐	10°02'12" ♏	03°58'30"	00°00'00"	-00°02'51"	0.002
11/07/2024 00:00:00	♑	23°25'42" ♏	10°08'44"	01°07'33"	00°00'48"	18.705
11/07/2024 00:00:00	♒	01°17'11" ♏	00°15'48"	00°50'40"	00°06'38"	0.003
11/07/2024 00:00:00	T♏	10°02'12" ♏	03°58'30"	00°00'00"	-00°02'51"	0.002
11/07/2024 00:00:00	T♑	04°19'41" ♏	-01°15'29"	00°30'11"	-01°12'20"	0.003
11/07/2024 00:00:00	X	25°29'04" ♏	-00°15'01"	-10°50'05"	00°00'06"	95.761
11/07/2024 00:00:00	Y	00°56'01" ♉	08°48'35"	-11°46'22"	00°00'34"	84.076
12/07/2024 00:00:00	♈	20°09'11" ♉	21°55'34"	00°00'00"	00°57'13"	1.017
12/07/2024 00:00:00	♉	28°57'50" ♈	01°18'09"	00°58'14"	11°48'27"	0.003
12/07/2024 00:00:00	♀	14°46'00" ♈	17°11'44"	00°49'41"	01°23'14"	1.016
12/07/2024 00:00:00	♀	00°23'36" ♈	21°15'30"	01°13'16"	01°13'43"	1.695

Ephemerides year 2024

12/07/2024 00:00:00	♂	23°48'11" ♂	17°54'45"	-00°50'10"	00°42'19"	1.691
12/07/2024 00:00:00	♃	10°32'32" ♀	21°20'30"	-00°41'33"	00°12'20"	5.771
12/07/2024 00:00:00	♅	19°18'16" ♃	-06°05'57"	-02°01'43"	-00°01'12"	9.122
12/07/2024 00:00:00	♁	26°11'14" ♂	19°02'40"	-00°15'39"	00°02'21"	20.163
12/07/2024 00:00:00	♃	29°54'25" ♃	-01°13'07"	-01°17'16"	-00°00'18"	29.532
12/07/2024 00:00:00	♁	01°08'02" ♃	-23°01'59"	-03°12'25"	-00°01'23"	34.056
12/07/2024 00:00:00	♁	10°00'21" ♃	03°57'46"	00°00'00"	-00°00'57"	0.002
12/07/2024 00:00:00	♃	23°26'29" ♃	10°09'01"	01°07'32"	00°00'45"	18.688
12/07/2024 00:00:00	♁	01°23'50" ♃	00°12'21"	00°49'48"	00°06'38"	0.003
12/07/2024 00:00:00	♁	10°00'21" ♃	03°57'46"	00°00'00"	-00°00'57"	0.002
12/07/2024 00:00:00	♁	03°17'13" ♃	-00°45'45"	00°35'34"	-00°54'24"	0.003
12/07/2024 00:00:00	X	25°29'10" ♃	-00°15'04"	-10°50'09"	00°00'05"	95.744
12/07/2024 00:00:00	Y	00°56'36" ♀	08°48'36"	-11°46'28"	00°00'34"	84.063
13/07/2024 00:00:00	♁	21°06'24" ♃	21°46'55"	-00°00'00"	00°57'13"	1.017
13/07/2024 00:00:00	♁	10°45'44" ♃	-04°19'18"	-00°04'03"	11°48'12"	0.003
13/07/2024 00:00:00	♁	16°08'07" ♃	16°39'14"	00°41'07"	01°20'58"	1.000
13/07/2024 00:00:00	♀	01°37'20" ♃	21°00'38"	01°14'38"	01°13'43"	1.693
13/07/2024 00:00:00	♂	24°30'28" ♂	18°05'45"	-00°49'30"	00°42'14"	1.687
13/07/2024 00:00:00	♃	10°44'50" ♀	21°22'15"	-00°41'32"	00°12'16"	5.762



Ephemerides year 2024

13/07/2024 00:00:00	♃	19°17'01" ♃	-06°06'40"	-02°01'57"	-00°01'18"	9.107
13/07/2024 00:00:00	♃	26°13'34" ♃	19°03'13"	-00°15'39"	00°02'19"	20.149
13/07/2024 00:00:00	♃	29°54'05" ♃	-01°13'17"	-01°17'19"	-00°00'20"	29.516
13/07/2024 00:00:00	♃	01°06'39" ♃	-23°02'24"	-03°12'31"	-00°01'23"	34.054
13/07/2024 00:00:00	♃	09°59'59" ♃	03°57'37"	00°00'00"	00°00'02"	0.002
13/07/2024 00:00:00	♃	23°27'13" ♃	10°09'16"	01°07'32"	00°00'42"	18.671
13/07/2024 00:00:00	♃	01°30'29" ♃	00°08'54"	00°48'56"	00°06'38"	0.003
13/07/2024 00:00:00	♃	09°59'59" ♃	03°57'37"	00°00'00"	00°00'02"	0.002
13/07/2024 00:00:00	♃	02°26'05" ♃	-00°21'19"	00°40'04"	-00°50'37"	0.003
13/07/2024 00:00:00	X	25°29'16" ♃	-00°15'06"	-10°50'14"	00°00'05"	95.727
13/07/2024 00:00:00	Y	00°57'09" ♃	08°48'36"	-11°46'34"	00°00'33"	84.050
14/07/2024 00:00:00	♃	22°03'37" ♃	21°37'54"	-00°00'00"	00°57'13"	1.016
14/07/2024 00:00:00	♃	22°36'04" ♃	-09°49'14"	-01°06'25"	11°53'22"	0.003
14/07/2024 00:00:00	♃	17°27'55" ♃	16°06'33"	00°32'08"	01°18'38"	0.984
14/07/2024 00:00:00	♃	02°51'04" ♃	20°45'10"	01°15'56"	01°13'43"	1.691
14/07/2024 00:00:00	♃	25°12'40" ♃	18°16'35"	-00°48'49"	00°42'09"	1.682
14/07/2024 00:00:00	♃	10°57'04" ♃	21°23'59"	-00°41'31"	00°12'11"	5.752
14/07/2024 00:00:00	♃	19°15'39" ♃	-06°07'25"	-02°02'12"	-00°01'24"	9.093
14/07/2024 00:00:00	♃	26°15'52" ♃	19°03'45"	-00°15'40"	00°02'16"	20.135

Ephemerides year 2024

14/07/2024 00:00:00	♁	29°53'44"	♅	-01°13'29"	-01°17'22"	-00°00'22"	29.500
14/07/2024 00:00:00	♁	01°05'15"	♁	-23°02'48"	-03°12'37"	-00°01'23"	34.052
14/07/2024 00:00:00	♁	10°00'04"	♅	03°57'40"	00°00'00"	-00°00'01"	0.002
14/07/2024 00:00:00	♁	23°27'54"	♅	10°09'31"	01°07'31"	00°00'39"	18.654
14/07/2024 00:00:00	♁	01°37'07"	♁	00°05'28"	00°48'03"	00°06'38"	0.003
14/07/2024 00:00:00	T♁	10°00'04"	♅	03°57'40"	00°00'00"	-00°00'01"	0.002
14/07/2024 00:00:00	T♁	01°30'03"	♁	00°05'28"	00°45'00"	-01°04'23"	0.003
14/07/2024 00:00:00	X	25°29'21"	♅	-00°15'09"	-10°50'19"	00°00'04"	95.711
14/07/2024 00:00:00	Y	00°57'43"	♁	08°48'36"	-11°46'41"	00°00'33"	84.036
15/07/2024 00:00:00	♁	23°00'51"	♁	21°28'31"	-00°00'00"	00°57'13"	1.016
15/07/2024 00:00:00	♁	04°34'18"	♁	-15°01'48"	-02°06'34"	12°03'59"	0.003
15/07/2024 00:00:00	♁	18°45'23"	♁	15°33'46"	00°22'45"	01°16'16"	0.969
15/07/2024 00:00:00	♁	04°04'48"	♁	20°29'07"	01°17'11"	01°13'43"	1.688
15/07/2024 00:00:00	♁	25°54'46"	♁	18°27'14"	-00°48'08"	00°42'04"	1.678
15/07/2024 00:00:00	♁	11°09'14"	♁	21°25'41"	-00°41'31"	00°12'07"	5.742
15/07/2024 00:00:00	♁	19°14'13"	♅	-06°08'13"	-02°02'26"	-00°01'29"	9.079
15/07/2024 00:00:00	♁	26°18'08"	♁	19°04'16"	-00°15'40"	00°02'14"	20.121
15/07/2024 00:00:00	♁	29°53'20"	♅	-01°13'41"	-01°17'25"	-00°00'24"	29.485
15/07/2024 00:00:00	♁	01°03'51"	♁	-23°03'13"	-03°12'43"	-00°01'24"	34.050

Ephemerides year 2024

15/07/2024 00:00:00	♏	09°59'34" ♀	03°57'28"	00°00'00"	-00°01'07"	0.002
15/07/2024 00:00:00	♋	23°28'32" ♀	10°09'45"	01°07'31"	00°00'36"	18.637
15/07/2024 00:00:00	♌	01°43'46" ♀	00°02'01"	00°47'11"	00°06'38"	0.003
15/07/2024 00:00:00	T♏	09°59'34" ♀	03°57'28"	00°00'00"	-00°01'07"	0.002
15/07/2024 00:00:00	T♌	00°11'46" ♀	00°42'50"	00°51'47"	-01°34'33"	0.003
15/07/2024 00:00:00	X	25°29'25" ♀	-00°15'12"	-10°50'24"	00°00'04"	95.694
15/07/2024 00:00:00	Y	00°58'16" ♀	08°48'36"	-11°46'47"	00°00'32"	84.022
16/07/2024 00:00:00	♉	23°58'05" ♀	21°18'47"	-00°00'00"	00°57'13"	1.016
16/07/2024 00:00:00	♊	16°45'46" ♀	-19°45'04"	-03°02'02"	12°19'44"	0.003
16/07/2024 00:00:00	♍	20°00'28" ♀	15°00'59"	00°12'58"	01°13'51"	0.953
16/07/2024 00:00:00	♎	05°18'31" ♀	20°12'28"	01°18'23"	01°13'43"	1.686
16/07/2024 00:00:00	♏	26°36'48" ♀	18°37'41"	-00°47'27"	00°41'59"	1.673
16/07/2024 00:00:00	♐	11°21'20" ♀	21°27'21"	-00°41'30"	00°12'03"	5.732
16/07/2024 00:00:00	♑	19°12'40" ♀	-06°09'02"	-02°02'41"	-00°01'35"	9.066
16/07/2024 00:00:00	♒	26°20'21" ♀	19°04'47"	-00°15'40"	00°02'12"	20.107
16/07/2024 00:00:00	♓	29°52'55" ♀	-01°13'53"	-01°17'28"	-00°00'26"	29.469
16/07/2024 00:00:00	♈	01°02'27" ♀	-23°03'38"	-03°12'49"	-00°01'24"	34.049
16/07/2024 00:00:00	♏	09°57'33" ♀	03°56'40"	00°00'00"	-00°03'02"	0.002
16/07/2024 00:00:00	♋	23°29'06" ♀	10°09'57"	01°07'30"	00°00'33"	18.619

Ephemerides year 2024

16/07/2024 00:00:00	☾	01°50'25" ♉	-00°01'25"	00°46'18"	00°06'38"	0.003
16/07/2024 00:00:00	♁	09°57'33" ♉	03°56'40"	00°00'00"	-00°03'02"	0.002
16/07/2024 00:00:00	♁	28°17'29" ♉	01°37'11"	01°01'30"	-02°14'53"	0.003
16/07/2024 00:00:00	X	25°29'29" ♉	-00°15'15"	-10°50'29"	00°00'03"	95.677
16/07/2024 00:00:00	Y	00°58'48" ♉	08°48'36"	-11°46'54"	00°00'32"	84.009
17/07/2024 00:00:00	☉	24°55'18" ♉	21°08'40"	-00°00'00"	00°57'13"	1.016
17/07/2024 00:00:00	☾	29°15'14" ♉	-23°43'58"	0-03°50'10"	12°39'51"	0.003
17/07/2024 00:00:00	♀	21°13'05" ♉	14°28'17"	00°02'50"	01°11'22"	0.938
17/07/2024 00:00:00	♀	06°32'15" ♉	19°55'16"	01°19'31"	01°13'43"	1.684
17/07/2024 00:00:00	♂	27°18'45" ♉	18°47'58"	-00°46'45"	00°41'54"	1.669
17/07/2024 00:00:00	♃	11°33'21" ♉	21°28'59"	-00°41'30"	00°11'59"	5.722
17/07/2024 00:00:00	♃	19°11'02" ♉	-06°09'54"	-02°02'55"	-00°01'40"	9.052
17/07/2024 00:00:00	♃	26°22'33" ♉	19°05'18"	-00°15'40"	00°02'10"	20.092
17/07/2024 00:00:00	♃	29°52'28" ♉	-01°14'07"	-01°17'31"	-00°00'27"	29.454
17/07/2024 00:00:00	♃	01°01'02" ♉	-23°04'02"	-03°12'55"	-00°01'24"	34.048
17/07/2024 00:00:00	♁	09°53'20" ♉	03°55'01"	00°00'00"	-00°05'25"	0.002
17/07/2024 00:00:00	♃	23°29'38" ♉	10°10'08"	01°07'30"	00°00'30"	18.602
17/07/2024 00:00:00	☾	01°57'04" ♉	-00°04'51"	00°45'26"	00°06'38"	0.003
17/07/2024 00:00:00	♁	09°53'20" ♉	03°55'01"	00°00'00"	-00°05'25"	0.002

Ephemerides year 2024

17/07/2024 00:00:00	T♄	25°42'29" ♎	02°50'38"	01°14'24"	-02°53'35"	0.003
17/07/2024 00:00:00	X	25°29'32" ♏	-00°15'19"	-10°50'34"	00°00'02"	95.660
17/07/2024 00:00:00	Y	00°59'20" ♏	08°48'35"	-11°47'01"	00°00'31"	83.995
18/07/2024 00:00:00	☉	25°52'32" ♏	20°58'12"	-00°00'00"	00°57'14"	1.016
18/07/2024 00:00:00	☾	12°06'30" ♏	-26°40'14"	-04°28'07"	13°03'02"	0.003
18/07/2024 00:00:00	♀	22°23'11" ♏	13°55'45"	-00°07'39"	01°08'48"	0.923
18/07/2024 00:00:00	♀	07°45'58" ♏	19°37'30"	01°20'36"	01°13'43"	1.681
18/07/2024 00:00:00	♂	28°00'37" ♏	18°58'05"	-00°46'02"	00°41'49"	1.664
18/07/2024 00:00:00	♃	11°45'18" ♏	21°30'36"	-00°41'29"	00°11'54"	5.711
18/07/2024 00:00:00	♅	19°09'19" ♏	-06°10'48"	-02°03'09"	-00°01'46"	9.039
18/07/2024 00:00:00	♁	26°24'42" ♏	19°05'48"	-00°15'40"	00°02'07"	20.078
18/07/2024 00:00:00	♆	29°51'59" ♏	-01°14'21"	-01°17'34"	-00°00'29"	29.439
18/07/2024 00:00:00	♁	00°59'38" ♏	-23°04'27"	-03°13'01"	-00°01'24"	34.047
18/07/2024 00:00:00	♁	09°46'41" ♏	03°52'24"	00°00'00"	-00°07'49"	0.002
18/07/2024 00:00:00	♁	23°30'07" ♏	10°10'18"	01°07'29"	00°00'27"	18.585
18/07/2024 00:00:00	♁	02°03'43" ♏	-00°08'18"	00°44'33"	00°06'38"	0.003
18/07/2024 00:00:00	T♁	09°46'41" ♏	03°52'24"	00°00'00"	-00°07'49"	0.002
18/07/2024 00:00:00	T♄	22°35'52" ♏	04°18'32"	01°29'35"	-03°15'42"	0.003
18/07/2024 00:00:00	X	25°29'35" ♏	-00°15'22"	-10°50'39"	00°00'02"	95.643

Ephemerides year 2024

18/07/2024 00:00:00	Y	00°59'51" ♀	08°48'35"	-11°47'07"	00°00'31"	83.980
19/07/2024 00:00:00	☉	26°49'47" ♄	20°47'23"	-00°00'00"	00°57'14"	1.016
19/07/2024 00:00:00	☾	25°21'45" ♀	-28°14'14"	0-04°53'00"	13°27'28"	0.003
19/07/2024 00:00:00	♀	23°30'41" ♄	13°23'29"	-00°18'28"	01°06'10"	0.907
19/07/2024 00:00:00	♀	08°59'41" ♄	19°19'11"	01°21'37"	01°13'43"	1.679
19/07/2024 00:00:00	♂	28°42'23" ♄	19°08'00"	-00°45'19"	00°41'43"	1.660
19/07/2024 00:00:00	♃	11°57'11" ♀	21°32'11"	-00°41'29"	00°11'50"	5.701
19/07/2024 00:00:00	♅	19°07'30" ♃	-06°11'44"	-02°03'23"	-00°01'51"	9.025
19/07/2024 00:00:00	♁	26°26'48" ♄	19°06'17"	-00°15'40"	00°02'05"	20.063
19/07/2024 00:00:00	♃	29°51'29" ♃	-01°14'35"	-01°17'37"	-00°00'31"	29.424
19/07/2024 00:00:00	♁	00°58'13" ♃	-23°04'51"	-03°13'07"	-00°01'24"	34.046
19/07/2024 00:00:00	♁	09°37'51" ♃	03°48'56"	00°00'00"	-00°09'44"	0.002
19/07/2024 00:00:00	♁	23°30'32" ♃	10°10'27"	01°07'28"	00°00'24"	18.568
19/07/2024 00:00:00	♁	02°10'21" ♃	-00°11'45"	00°43'41"	00°06'38"	0.003
19/07/2024 00:00:00	T♁	09°37'51" ♃	03°48'56"	00°00'00"	-00°09'44"	0.002
19/07/2024 00:00:00	T♁	19°20'18" ♃	05°49'51"	01°45'04"	-03°10'35"	0.003
19/07/2024 00:00:00	X	25°29'37" ♃	-00°15'26"	-10°50'44"	00°00'01"	95.626
19/07/2024 00:00:00	Y	01°00'22" ♀	08°48'34"	-11°47'14"	00°00'30"	83.966
20/07/2024 00:00:00	☉	27°47'01" ♄	20°36'13"	-00°00'00"	00°57'14"	1.016

Ephemerides year 2024

20/07/2024 00:00:00	♃	09°01'09" ♃	-28°09'19"	♄-05°02'09"	13°50'56"	0.003
20/07/2024 00:00:00	♆	24°35'31" ♃	12°51'33"	-00°29'35"	01°03'27"	0.892
20/07/2024 00:00:00	♀	10°13'24" ♃	19°00'19"	01°22'35"	01°13'42"	1.676
20/07/2024 00:00:00	♂	29°24'04" ♃	19°17'44"	-00°44'36"	00°41'38"	1.655
20/07/2024 00:00:00	♃	12°08'58" ♃	21°33'45"	-00°41'28"	00°11'45"	5.690
20/07/2024 00:00:00	♅	19°05'35" ♃	-06°12'41"	-02°03'37"	-00°01'57"	9.012
20/07/2024 00:00:00	♃	26°28'53" ♃	19°06'46"	-00°15'41"	00°02'03"	20.048
20/07/2024 00:00:00	♃	29°50'56" ♃	-01°14'51"	-01°17'39"	-00°00'33"	29.409
20/07/2024 00:00:00	♃	00°56'48" ♃	-23°05'15"	-03°13'12"	-00°01'24"	34.046
20/07/2024 00:00:00	♃	09°27'31" ♃	03°44'52"	00°00'00"	-00°10'45"	0.002
20/07/2024 00:00:00	♃	23°30'55" ♃	10°10'35"	01°07'28"	00°00'20"	18.551
20/07/2024 00:00:00	♃	02°17'00" ♃	-00°15'11"	00°42'48"	00°06'38"	0.003
20/07/2024 00:00:00	T♃	09°27'31" ♃	03°44'52"	00°00'00"	-00°10'45"	0.002
20/07/2024 00:00:00	T♃	16°23'18" ♃	07°11'35"	01°58'39"	-02°40'04"	0.003
20/07/2024 00:00:00	X	25°29'39" ♃	-00°15'30"	-10°50'49"	00°00'01"	95.610
20/07/2024 00:00:00	Y	01°00'52" ♃	08°48'33"	-11°47'21"	00°00'29"	83.952
21/07/2024 00:00:00	♃	28°44'16" ♃	20°24'43"	-00°00'00"	00°57'15"	1.016
21/07/2024 00:00:00	♃	23°02'31" ♃	-26°17'36"	♄-04°53'38"	14°11'03"	0.002
21/07/2024 00:00:00	♆	25°37'34" ♃	12°20'03"	-00°41'00"	01°00'38"	0.877

Ephemerides year 2024

21/07/2024 00:00:00	♀	11°27'07" ♋	18°40'56"	01°23'29"	01°13'42"	1.673
21/07/2024 00:00:00	♂	00°05'41" ♌	19°27'17"	-00°43'52"	00°41'33"	1.650
21/07/2024 00:00:00	♃	12°20'41" ♌	21°35'17"	-00°41'28"	00°11'40"	5.679
21/07/2024 00:00:00	♅	19°03'35" ♋	-06°13'41"	-02°03'51"	-00°02'02"	8.999
21/07/2024 00:00:00	♁	26°30'55" ♋	19°07'14"	-00°15'41"	00°02'00"	20.033
21/07/2024 00:00:00	♃	29°50'22" ♋	-01°15'07"	-01°17'42"	-00°00'35"	29.394
21/07/2024 00:00:00	♁	00°55'23" ♋	-23°05'39"	-03°13'18"	-00°01'24"	34.046
21/07/2024 00:00:00	♋	09°16'42" ♋	03°40'37"	00°00'00"	-00°10'39"	0.002
21/07/2024 00:00:00	♌	23°31'14" ♋	10°10'42"	01°07'27"	00°00'17"	18.534
21/07/2024 00:00:00	♁	02°23'39" ♋	-00°18'38"	00°41'56"	00°06'38"	0.003
21/07/2024 00:00:00	T♋	09°16'42" ♋	03°40'37"	00°00'00"	-00°10'39"	0.002
21/07/2024 00:00:00	T♁	14°04'01" ♋	08°15'10"	02°09'01"	-01°58'04"	0.003
21/07/2024 00:00:00	X	25°29'39" ♋	-00°15'35"	-10°50'53"	00°00'00"	95.593
21/07/2024 00:00:00	Y	01°01'22" ♌	08°48'32"	-11°47'28"	00°00'29"	83.937
22/07/2024 00:00:00	♃	29°41'32" ♋	20°12'52"	-00°00'00"	00°57'15"	1.016
22/07/2024 00:00:00	♁	07°21'30" ♋	-22°43'34"	-04°26'43"	14°25'51"	0.002
22/07/2024 00:00:00	♀	26°36'45" ♋	11°49'04"	-00°52'41"	00°57'42"	0.862
22/07/2024 00:00:00	♀	12°40'49" ♋	18°21'02"	01°24'20"	01°13'42"	1.671
22/07/2024 00:00:00	♂	00°47'12" ♌	19°36'40"	-00°43'07"	00°41'28"	1.646



Ephemerides year 2024

22/07/2024 00:00:00	♃	12°32'20" ♀	21°36'47"	-00°41'28"	00°11'35"	5.668
22/07/2024 00:00:00	♅	19°01'30" ♃	-06°14'43"	-02°04'05"	-00°02'08"	8.987
22/07/2024 00:00:00	♆	26°32'54" ♂	19°07'41"	-00°15'41"	00°01'58"	20.018
22/07/2024 00:00:00	♆	29°49'46" ♃	-01°15'24"	-01°17'45"	-00°00'36"	29.380
22/07/2024 00:00:00	♁	00°53'58" ♃	-23°06'04"	-03°13'23"	-00°01'25"	34.046
22/07/2024 00:00:00	♁	09°06'35" ♃	03°36'38"	00°00'00"	-00°09'23"	0.002
22/07/2024 00:00:00	♃	23°31'30" ♃	10°10'47"	01°07'27"	00°00'14"	18.517
22/07/2024 00:00:00	♁	02°30'18" ♀	-00°22'05"	00°41'03"	00°06'38"	0.003
22/07/2024 00:00:00	T♁	09°06'35" ♃	03°36'38"	00°00'00"	-00°09'23"	0.002
22/07/2024 00:00:00	T♃	12°25'07" ♃	08°59'52"	02°16'12"	-01°21'58"	0.003
22/07/2024 00:00:00	X	25°29'40" ♃	-00°15'39"	-10°50'58"	-00°00'00"	95.576
22/07/2024 00:00:00	Y	01°01'50" ♀	08°48'30"	-11°47'35"	00°00'28"	83.922
23/07/2024 00:00:00	♁	00°38'47" ♂	20°00'40"	-00°00'00"	00°57'16"	1.016
23/07/2024 00:00:00	♁	21°52'03" ♃	-17°43'18"	-03°42'20"	14°34'06"	0.002
23/07/2024 00:00:00	♁	27°32'57" ♂	11°18'42"	-01°04'36"	00°54'40"	0.847
23/07/2024 00:00:00	♁	13°54'32" ♂	18°00'38"	01°25'07"	01°13'42"	1.668
23/07/2024 00:00:00	♂	01°28'37" ♀	19°45'51"	-00°42'22"	00°41'23"	1.641
23/07/2024 00:00:00	♃	12°43'53" ♀	21°38'16"	-00°41'28"	00°11'30"	5.657
23/07/2024 00:00:00	♅	18°59'19" ♃	-06°15'47"	-02°04'19"	-00°02'13"	8.974

Ephemerides year 2024

23/07/2024 00:00:00	♃	26°34'52"	♏	19°08'08"	-00°15'41"	00°01'55"	20.003
23/07/2024 00:00:00	♃	29°49'08"	♃	-01°15'42"	-01°17'48"	-00°00'38"	29.365
23/07/2024 00:00:00	♃	00°52'33"	♃	-23°06'28"	-03°13'28"	-00°01'25"	34.047
23/07/2024 00:00:00	♃	08°58'13"	♃	03°33'20"	00°00'00"	-00°07'13"	0.002
23/07/2024 00:00:00	♃	23°31'43"	♃	10°10'52"	01°07'26"	00°00'11"	18.500
23/07/2024 00:00:00	♃	02°36'57"	♃	-00°25'32"	00°40'11"	00°06'38"	0.003
23/07/2024 00:00:00	T♃	08°58'13"	♃	03°33'20"	00°00'00"	-00°07'13"	0.002
23/07/2024 00:00:00	T♃	11°13'56"	♃	09°31'52"	02°21'22"	-01°03'55"	0.003
23/07/2024 00:00:00	X	25°29'39"	♃	-00°15'44"	-10°51'03"	-00°00'00"	95.559
23/07/2024 00:00:00	Y	01°02'19"	♃	08°48'29"	-11°47'42"	00°00'27"	83.907
24/07/2024 00:00:00	♃	01°36'04"	♃	19°48'09"	-00°00'00"	00°57'16"	1.016
24/07/2024 00:00:00	♃	06°27'28"	♃	-11°39'59"	-02°43'07"	14°35'40"	0.002
24/07/2024 00:00:00	♃	28°26'03"	♃	10°49'04"	-01°16'44"	00°51'30"	0.833
24/07/2024 00:00:00	♃	15°08'14"	♃	17°39'44"	01°25'50"	01°13'42"	1.665
24/07/2024 00:00:00	♃	02°09'58"	♃	19°54'51"	-00°41'37"	00°41'17"	1.636
24/07/2024 00:00:00	♃	12°55'22"	♃	21°39'43"	-00°41'28"	00°11'25"	5.646
24/07/2024 00:00:00	♃	18°57'03"	♃	-06°16'53"	-02°04'32"	-00°02'18"	8.962
24/07/2024 00:00:00	♃	26°36'46"	♃	19°08'35"	-00°15'41"	00°01'53"	19.988
24/07/2024 00:00:00	♃	29°48'29"	♃	-01°16'00"	-01°17'51"	-00°00'40"	29.351

Ephemerides year 2024

24/07/2024 00:00:00	♁	00°51'08" ♁	-23°06'52"	-03°13'34"	-00°01'25"	34.047
24/07/2024 00:00:00	♁	08°52'16" ♁	03°31'00"	00°00'00"	-00°04'37"	0.002
24/07/2024 00:00:00	♁	23°31'53" ♁	10°10'55"	01°07'26"	00°00'08"	18.483
24/07/2024 00:00:00	♁	02°43'36" ♁	-00°28'58"	00°39'18"	00°06'38"	0.003
24/07/2024 00:00:00	♁	08°52'16" ♁	03°31'00"	00°00'00"	-00°04'37"	0.002
24/07/2024 00:00:00	♁	10°10'28" ♁	10°00'26"	02°26'09"	-01°05'52"	0.003
24/07/2024 00:00:00	X	25°29'38" ♁	-00°15'49"	-10°51'08"	-00°00'01"	95.542
24/07/2024 00:00:00	Y	01°02'46" ♁	08°48'27"	-11°47'49"	00°00'27"	83.892
25/07/2024 00:00:00	♁	02°33'21" ♁	19°35'18"	-00°00'00"	00°57'17"	1.016
25/07/2024 00:00:00	♁	21°01'27" ♁	-04°59'09"	-01°33'13"	14°31'26"	0.002
25/07/2024 00:00:00	♁	29°15'55" ♁	10°20'14"	-01°29'04"	00°48'12"	0.818
25/07/2024 00:00:00	♁	16°21'56" ♁	17°18'21"	01°26'29"	01°13'42"	1.662
25/07/2024 00:00:00	♁	02°51'13" ♁	20°03'39"	-00°40'50"	00°41'12"	1.632
25/07/2024 00:00:00	♁	13°06'45" ♁	21°41'09"	-00°41'27"	00°11'20"	5.635
25/07/2024 00:00:00	♁	18°54'42" ♁	-06°18'01"	-02°04'46"	-00°02'23"	8.950
25/07/2024 00:00:00	♁	26°38'38" ♁	19°09'01"	-00°15'42"	00°01'50"	19.973
25/07/2024 00:00:00	♁	29°47'47" ♁	-01°16'19"	-01°17'53"	-00°00'42"	29.337
25/07/2024 00:00:00	♁	00°49'42" ♁	-23°07'16"	-03°13'39"	-00°01'25"	34.049
25/07/2024 00:00:00	♁	08°48'56" ♁	03°29'41"	00°00'00"	-00°02'07"	0.002

Ephemerides year 2024

25/07/2024 00:00:00	♄	23°31'59" ♏	10°10'57"	01°07'25"	00°00'04"	18.466
25/07/2024 00:00:00	♁	02°50'14" ♉	-00°32'25"	00°38'25"	00°06'38"	0.003
25/07/2024 00:00:00	♁♁	08°48'56" ♏	03°29'41"	00°00'00"	-00°02'07"	0.002
25/07/2024 00:00:00	♁♁	08°58'53" ♏	10°32'41"	02°31'43"	-01°17'17"	0.003
25/07/2024 00:00:00	X	25°29'36" ♏	-00°15'54"	-10°51'13"	-00°00'02"	95.526
25/07/2024 00:00:00	Y	01°03'13" ♀	08°48'25"	-11°47'57"	00°00'26"	83.877
26/07/2024 00:00:00	♁	03°30'39" ♏	19°22'07"	-00°00'00"	00°57'18"	1.016
26/07/2024 00:00:00	♁	05°28'56" ♏	01°54'26"	-00°17'40"	14°22'56"	0.002
26/07/2024 00:00:00	♁	00°02'26" ♏	09°52'19"	-01°41'33"	00°44'46"	0.804
26/07/2024 00:00:00	♁	17°35'38" ♏	16°56'29"	01°27'05"	01°13'42"	1.659
26/07/2024 00:00:00	♁	03°32'22" ♀	20°12'17"	-00°40'04"	00°41'06"	1.627
26/07/2024 00:00:00	♁	13°18'03" ♀	21°42'33"	-00°41'27"	00°11'15"	5.623
26/07/2024 00:00:00	♁	18°52'15" ♁	-06°19'10"	-02°04'59"	-00°02'29"	8.938
26/07/2024 00:00:00	♁	26°40'27" ♁	19°09'26"	-00°15'42"	00°01'48"	19.957
26/07/2024 00:00:00	♁	29°47'04" ♁	-01°16'39"	-01°17'56"	-00°00'44"	29.323
26/07/2024 00:00:00	♁	00°48'17" ♁	-23°07'39"	-03°13'44"	-00°01'25"	34.050
26/07/2024 00:00:00	♁	08°47'48" ♏	03°29'14"	00°00'00"	-00°00'17"	0.002
26/07/2024 00:00:00	♁	23°32'03" ♏	10°10'57"	01°07'25"	00°00'01"	18.449
26/07/2024 00:00:00	♁	02°56'53" ♉	-00°35'52"	00°37'33"	00°06'38"	0.003

Ephemerides year 2024

26/07/2024 00:00:00	T♄	08°47'48" ♏	03°29'14"	00°00'00"	-00°00'17"	0.002
26/07/2024 00:00:00	T♄	07°40'04" ♏	11°08'04"	02°37'55"	-01°16'11"	0.003
26/07/2024 00:00:00	X	25°29'33" ♏	-00°15'59"	-10°51'18"	-00°00'02"	95.509
26/07/2024 00:00:00	Y	01°03'40" ♁	08°48'23"	-11°48'04"	00°00'26"	83.861
27/07/2024 00:00:00	☉	04°27'58" ♏	19°08'37"	00°00'00"	00°57'19"	1.016
27/07/2024 00:00:00	☾	19°46'29" ♏	08°37'58"	00°58'15"	14°11'50"	0.002
27/07/2024 00:00:00	☿	00°45'25" ♏	09°25'26"	-01°54'10"	00°41'10"	0.789
27/07/2024 00:00:00	♀	18°49'21" ♏	16°34'10"	01°27'36"	01°13'42"	1.656
27/07/2024 00:00:00	♂	04°13'26" ♁	20°20'43"	-00°39'17"	00°41'01"	1.622
27/07/2024 00:00:00	♃	13°29'17" ♁	21°43'55"	-00°41'28"	00°11'10"	5.611
27/07/2024 00:00:00	♅	18°49'43" ♁	-06°20'22"	-02°05'12"	-00°02'34"	8.926
27/07/2024 00:00:00	♁	26°42'14" ♁	19°09'50"	-00°15'42"	00°01'45"	19.941
27/07/2024 00:00:00	♂	29°46'19" ♁	-01°16'59"	-01°17'59"	-00°00'45"	29.309
27/07/2024 00:00:00	♁	00°46'52" ♁	-23°08'03"	-03°13'49"	-00°01'25"	34.052
27/07/2024 00:00:00	♁	08°48'01" ♏	03°29'19"	00°00'00"	00°00'30"	0.002
27/07/2024 00:00:00	♁	23°32'03" ♏	10°10'57"	01°07'24"	-00°00'01"	18.432
27/07/2024 00:00:00	♁	03°03'32" ♁	-00°39'19"	00°36'40"	00°06'38"	0.003
27/07/2024 00:00:00	T♄	08°48'01" ♏	03°29'19"	00°00'00"	00°00'30"	0.002
27/07/2024 00:00:00	T♄	06°38'50" ♏	11°35'24"	02°42'44"	-00°39'08"	0.003

Ephemerides year 2024

27/07/2024 00:00:00	X	25°29'30" ♄	-00°16'05"	-10°51'23"	-00°00'03"	95.492
27/07/2024 00:00:00	Y	01°04'05" ♀	08°48'21"	-11°48'12"	00°00'25"	83.846
28/07/2024 00:00:00	☉	05°25'18" ♃	18°54'49"	00°00'00"	00°57'20"	1.015
28/07/2024 00:00:00	☾	03°52'14" ♄	14°50'22"	02°09'38"	13°59'32"	0.002
28/07/2024 00:00:00	♀	01°24'44" ♃	08°59'42"	-02°06'52"	00°37'25"	0.776
28/07/2024 00:00:00	♀	20°03'03" ♃	16°11'24"	01°28'04"	01°13'42"	1.653
28/07/2024 00:00:00	♂	04°54'25" ♀	20°28'58"	-00°38'29"	00°40'55"	1.617
28/07/2024 00:00:00	♃	13°40'25" ♀	21°45'16"	-00°41'28"	00°11'05"	5.600
28/07/2024 00:00:00	♃	18°47'07" ♃	-06°21'35"	-02°05'25"	-00°02'39"	8.914
28/07/2024 00:00:00	♃	26°43'59" ♄	19°10'14"	-00°15'42"	00°01'43"	19.926
28/07/2024 00:00:00	♃	29°45'32" ♃	-01°17'20"	-01°18'01"	-00°00'47"	29.295
28/07/2024 00:00:00	♃	00°45'27" ♃	-23°08'27"	-03°13'53"	-00°01'24"	34.054
28/07/2024 00:00:00	♃	08°48'26" ♄	03°29'29"	00°00'00"	00°00'07"	0.002
28/07/2024 00:00:00	♃	23°32'00" ♄	10°10'55"	01°07'23"	-00°00'04"	18.416
28/07/2024 00:00:00	♃	03°10'10" ♃	-00°42'45"	00°35'47"	00°06'38"	0.003
28/07/2024 00:00:00	T♃	08°48'26" ♄	03°29'29"	00°00'00"	00°00'07"	0.002
28/07/2024 00:00:00	T♃	06°36'01" ♃	11°36'45"	02°43'03"	00°39'35"	0.003
28/07/2024 00:00:00	X	25°29'27" ♄	-00°16'11"	-10°51'28"	-00°00'04"	95.476
28/07/2024 00:00:00	Y	01°04'31" ♀	08°48'18"	-11°48'19"	00°00'24"	83.830

Ephemerides year 2024

29/07/2024 00:00:00	☉	06°22'40" ♈	18°40'41"	00°00'00"	00°57'21"	1.015
29/07/2024 00:00:00	☾	17°45'29" ♉	20°12'00"	03°12'16"	13°46'58"	0.003
29/07/2024 00:00:00	♀	02°00'13" ♋	08°35'13"	-02°19'37"	00°33'30"	0.762
29/07/2024 00:00:00	♀	21°16'45" ♈	15°48'12"	01°28'28"	01°13'42"	1.650
29/07/2024 00:00:00	♂	05°35'18" ♋	20°37'01"	-00°37'42"	00°40'50"	1.613
29/07/2024 00:00:00	♃	13°51'27" ♋	21°46'35"	-00°41'28"	00°10'59"	5.588
29/07/2024 00:00:00	♅	18°44'25" ♋	-06°22'51"	-02°05'38"	-00°02'44"	8.903
29/07/2024 00:00:00	♁	26°45'41" ♉	19°10'37"	-00°15'42"	00°01'40"	19.910
29/07/2024 00:00:00	♃	29°44'44" ♋	-01°17'42"	-01°18'04"	-00°00'49"	29.281
29/07/2024 00:00:00	♁	00°44'02" ♋	-23°08'50"	-03°13'58"	-00°01'24"	34.056
29/07/2024 00:00:00	♁	08°47'55" ♋	03°29'17"	00°00'00"	-00°01'19"	0.002
29/07/2024 00:00:00	♁	23°31'54" ♋	10°10'53"	01°07'23"	-00°00'07"	18.399
29/07/2024 00:00:00	♁	03°16'49" ♋	-00°46'12"	00°34'55"	00°06'38"	0.003
29/07/2024 00:00:00	T♁	08°47'55" ♋	03°29'17"	00°00'00"	-00°01'19"	0.002
29/07/2024 00:00:00	T♁	08°05'59" ♋	10°56'43"	02°36'09"	02°21'50"	0.003
29/07/2024 00:00:00	X	25°29'22" ♋	-00°16'17"	-10°51'32"	-00°00'04"	95.459
29/07/2024 00:00:00	Y	01°04'55" ♋	08°48'15"	-11°48'27"	00°00'24"	83.815
30/07/2024 00:00:00	☉	07°20'02" ♈	18°26'15"	00°00'00"	00°57'22"	1.015
30/07/2024 00:00:00	☾	01°26'15" ♋	24°24'32" ♁	04°02'51"	13°34'34"	0.003

Ephemerides year 2024

30/07/2024 00:00:00	♀	02°31'41" ♍	08°12'07"	-02°32'21"	00°29'24"	0.748
30/07/2024 00:00:00	♀	22°30'28" ♋	15°24'34"	01°28'47"	01°13'42"	1.647
30/07/2024 00:00:00	♂	06°16'06" ♉	20°44'53"	-00°36'53"	00°40'44"	1.608
30/07/2024 00:00:00	♃	14°02'24" ♉	21°47'53"	-00°41'28"	00°10'54"	5.576
30/07/2024 00:00:00	♅	18°41'39" ♋	-06°24'08"	-02°05'51"	-00°02'48"	8.892
30/07/2024 00:00:00	♁	26°47'20" ♉	19°11'00"	-00°15'43"	00°01'37"	19.894
30/07/2024 00:00:00	♃	29°43'54" ♋	-01°18'04"	-01°18'07"	-00°00'50"	29.268
30/07/2024 00:00:00	♁	00°42'38" ♋	-23°09'13"	-03°14'03"	-00°01'24"	34.059
30/07/2024 00:00:00	♋	08°45'32" ♋	03°28'21"	00°00'00"	-00°03'30"	0.002
30/07/2024 00:00:00	♋	23°31'45" ♋	10°10'49"	01°07'22"	-00°00'10"	18.382
30/07/2024 00:00:00	♋	03°23'28" ♋	-00°49'39"	00°34'02"	00°06'38"	0.003
30/07/2024 00:00:00	T♋	08°45'32" ♋	03°28'21"	00°00'00"	-00°03'30"	0.002
30/07/2024 00:00:00	T♋	11°17'33" ♍	09°30'09"	02°21'00"	03°57'51"	0.003
30/07/2024 00:00:00	X	25°29'17" ♋	-00°16'23"	-10°51'37"	-00°00'05"	95.443
30/07/2024 00:00:00	Y	01°05'19" ♉	08°48'12"	-11°48'34"	00°00'23"	83.799
31/07/2024 00:00:00	♋	08°17'25" ♋	18°11'30"	00°00'00"	00°57'23"	1.015
31/07/2024 00:00:00	♃	14°54'42" ♉	27°12'23" ♁	04°39'07"	13°22'19"	0.003
31/07/2024 00:00:00	♀	02°58'57" ♍	07°50'32"	-02°45'03"	00°25'07"	0.735
31/07/2024 00:00:00	♀	23°44'10" ♋	15°00'31"	01°29'03"	01°13'42"	1.644



Ephemerides year 2024

31/07/2024 00:00:00	♂	06°56'47" ♀	20°52'34"	-00°36'04"	00°40'38"	1.603
31/07/2024 00:00:00	♃	14°13'16" ♀	21°49'09"	-00°41'28"	00°10'48"	5.563
31/07/2024 00:00:00	♅	18°38'47" ♃	-06°25'26"	-02°06'03"	-00°02'53"	8.881
31/07/2024 00:00:00	♁	26°48'57" ♀	19°11'22"	-00°15'43"	00°01'35"	19.878
31/07/2024 00:00:00	♃	29°43'03" ♃	-01°18'27"	-01°18'09"	-00°00'52"	29.255
31/07/2024 00:00:00	♁	00°41'13" ♃	-23°09'36"	-03°14'07"	-00°01'24"	34.061
31/07/2024 00:00:00	♁	08°40'49" ♃	03°26'29"	00°00'00"	-00°05'56"	0.002
31/07/2024 00:00:00	♃	23°31'33" ♃	10°10'43"	01°07'22"	-00°00'13"	18.366
31/07/2024 00:00:00	♁	03°30'07" ♃	-00°53'06"	00°33'09"	00°06'38"	0.003
31/07/2024 00:00:00	♁	08°40'49" ♃	03°26'29"	00°00'00"	-00°05'56"	0.002
31/07/2024 00:00:00	♁	15°51'05" ♃	07°24'00"	01°58'32"	05°02'26"	0.003
31/07/2024 00:00:00	X	25°29'12" ♃	-00°16'29"	-10°51'42"	-00°00'05"	95.426
31/07/2024 00:00:00	Y	01°05'42" ♀	08°48'09"	-11°48'42"	00°00'23"	83.783
01/08/2024 00:00:00	♁	09°14'50" ♃	17°56'28"	00°00'00"	00°57'25"	1.015
01/08/2024 00:00:00	♁	28°10'54" ♀	28°25'14" ♁	04°59'42"	13°10'03"	0.003
01/08/2024 00:00:00	♁	03°21'51" ♃	07°30'36"	-02°57'37"	00°20'39"	0.723
01/08/2024 00:00:00	♀	24°57'52" ♃	14°36'04"	01°29'15"	01°13'42"	1.641
01/08/2024 00:00:00	♂	07°37'23" ♀	21°00'03"	-00°35'15"	00°40'32"	1.598
01/08/2024 00:00:00	♃	14°24'02" ♀	21°50'23"	-00°41'28"	00°10'43"	5.551

Ephemerides year 2024

01/08/2024 00:00:00	♃	18°35'51" ♋	-06°26'47"	-02°06'16"	-00°02'58"	8.870
01/08/2024 00:00:00	♃	26°50'31" ♋	19°11'44"	-00°15'43"	00°01'32"	19.862
01/08/2024 00:00:00	♃	29°42'09" ♋	-01°18'50"	-01°18'12"	-00°00'53"	29.242
01/08/2024 00:00:00	♃	00°39'49" ♋	-23°09'59"	-03°14'12"	-00°01'23"	34.065
01/08/2024 00:00:00	♃	08°33'44" ♋	03°23'42"	00°00'00"	-00°08'07"	0.002
01/08/2024 00:00:00	♃	23°31'18" ♋	10°10'37"	01°07'21"	-00°00'16"	18.349
01/08/2024 00:00:00	♃	03°36'46" ♋	-00°56'32"	00°32'16"	00°06'38"	0.003
01/08/2024 00:00:00	♃	08°33'44" ♋	03°23'42"	00°00'00"	-00°08'07"	0.002
01/08/2024 00:00:00	♃	21°07'18" ♋	04°55'17"	01°31'31"	05°22'02"	0.003
01/08/2024 00:00:00	X	25°29'06" ♋	-00°16'36"	-10°51'47"	-00°00'06"	95.410
01/08/2024 00:00:00	Y	01°06'05" ♋	08°48'06"	-11°48'50"	00°00'22"	83.767
02/08/2024 00:00:00	♃	10°12'16" ♋	17°41'08"	00°00'00"	00°57'26"	1.015
02/08/2024 00:00:00	♃	11°14'44" ♋	28°00'52"	05°04'15"	12°57'32"	0.003
02/08/2024 00:00:00	♃	03°40'12" ♋	07°12'27"	-03°10'01"	00°16'00"	0.710
02/08/2024 00:00:00	♃	26°11'35" ♋	14°11'14"	01°29'22"	01°13'42"	1.638
02/08/2024 00:00:00	♃	08°17'53" ♋	21°07'21"	-00°34'25"	00°40'26"	1.593
02/08/2024 00:00:00	♃	14°34'42" ♋	21°51'36"	-00°41'29"	00°10'37"	5.539
02/08/2024 00:00:00	♃	18°32'51" ♋	-06°28'09"	-02°06'28"	-00°03'03"	8.860
02/08/2024 00:00:00	♃	26°52'02" ♋	19°12'04"	-00°15'43"	00°01'29"	19.845

Ephemerides year 2024

02/08/2024 00:00:00	♁	29°41'15"	♄	-01°19'14"	-01°18'14"	-00°00'55"	29.229
02/08/2024 00:00:00	♁	00°38'25"	♁	-23°10'21"	-03°14'16"	-00°01'23"	34.068
02/08/2024 00:00:00	♁	08°24'48"	♄	03°20'11"	00°00'00"	-00°09'37"	0.002
02/08/2024 00:00:00	♁	23°30'59"	♄	10°10'30"	01°07'20"	-00°00'20"	18.333
02/08/2024 00:00:00	♁	03°43'25"	♁	-00°59'59"	00°31'24"	00°06'38"	0.003
02/08/2024 00:00:00	T♁	08°24'48"	♄	03°20'11"	00°00'00"	-00°09'37"	0.002
02/08/2024 00:00:00	T♁	26°19'48"	♄	02°26'12"	01°03'55"	04°55'53"	0.003
02/08/2024 00:00:00	X	25°28'59"	♄	-00°16'43"	-10°51'51"	-00°00'06"	95.393
02/08/2024 00:00:00	Y	01°06'27"	♁	08°48'02"	-11°48'57"	00°00'21"	83.750
03/08/2024 00:00:00	♁	11°09'42"	♁	17°25'30"	00°00'00"	00°57'27"	1.015
03/08/2024 00:00:00	♁	24°05'52"	♁	26°06'01"	04°53'14"	12°44'41"	0.003
03/08/2024 00:00:00	♁	03°53'48"	♄	06°56'14"	-03°22'10"	00°11'11"	0.698
03/08/2024 00:00:00	♁	27°25'17"	♁	13°46'00"	01°29'26"	01°13'42"	1.634
03/08/2024 00:00:00	♁	08°58'16"	♁	21°14'27"	-00°33'35"	00°40'20"	1.588
03/08/2024 00:00:00	♁	14°45'16"	♁	21°52'48"	-00°41'29"	00°10'31"	5.526
03/08/2024 00:00:00	♁	18°29'45"	♄	-06°29'33"	-02°06'40"	-00°03'07"	8.850
03/08/2024 00:00:00	♁	26°53'31"	♁	19°12'25"	-00°15'44"	00°01'27"	19.829
03/08/2024 00:00:00	♁	29°40'18"	♄	-01°19'39"	-01°18'17"	-00°00'57"	29.216
03/08/2024 00:00:00	♁	00°37'02"	♁	-23°10'44"	-03°14'20"	-00°01'23"	34.072

Ephemerides year 2024

03/08/2024 00:00:00	♏	08°14'48" ♀	03°16'14"	00°00'00"	-00°10'10"	0.002
03/08/2024 00:00:00	♋	23°30'38" ♀	10°10'21"	01°07'20"	-00°00'23"	18.316
03/08/2024 00:00:00	♏	03°50'03" ♀	-01°03'26"	00°30'31"	00°06'38"	0.003
03/08/2024 00:00:00	♏	08°14'48" ♀	03°16'14"	00°00'00"	-00°10'10"	0.002
03/08/2024 00:00:00	♏	00°47'21" ♀	00°17'33"	00°39'39"	03°54'46"	0.003
03/08/2024 00:00:00	X	25°28'52" ♀	-00°16'50"	-10°51'56"	-00°00'07"	95.377
03/08/2024 00:00:00	Y	01°06'49" ♀	08°47'59"	-11°49'05"	00°00'21"	83.734
04/08/2024 00:00:00	♏	12°07'10" ♀	17°09'36"	00°00'00"	00°57'27"	1.015
04/08/2024 00:00:00	♏	06°44'05" ♀	22°54'25"	04°27'55"	12°31'43"	0.003
04/08/2024 00:00:00	♏	04°02'31" ♀	06°42'05"	-03°33'58"	00°06'11"	0.687
04/08/2024 00:00:00	♏	28°38'59" ♀	13°20'26"	01°29'25"	01°13'41"	1.631
04/08/2024 00:00:00	♏	09°38'34" ♀	21°21'22"	-00°32'44"	00°40'14"	1.583
04/08/2024 00:00:00	♏	14°55'45" ♀	21°53'58"	-00°41'30"	00°10'25"	5.514
04/08/2024 00:00:00	♏	18°26'35" ♀	-06°30'58"	-02°06'52"	-00°03'12"	8.840
04/08/2024 00:00:00	♏	26°54'56" ♀	19°12'44"	-00°15'44"	00°01'24"	19.813
04/08/2024 00:00:00	♏	29°39'20" ♀	-01°20'04"	-01°18'19"	-00°00'58"	29.204
04/08/2024 00:00:00	♏	00°35'38" ♀	-23°11'06"	-03°14'24"	-00°01'23"	34.076
04/08/2024 00:00:00	♏	08°04'46" ♀	03°12'17"	00°00'00"	-00°09'43"	0.002
04/08/2024 00:00:00	♏	23°30'13" ♀	10°10'11"	01°07'19"	-00°00'26"	18.300

Ephemerides year 2024

04/08/2024 00:00:00	☾	03°56'42" ♌	-01°06'53"	00°29'38"	00°06'38"	0.003
04/08/2024 00:00:00	♁	08°04'46" ♏	03°12'17"	00°00'00"	-00°09'43"	0.002
04/08/2024 00:00:00	♁	04°04'01" ♌	-01°17'20"	00°21'24"	02°37'46"	0.003
04/08/2024 00:00:00	X	25°28'44" ♏	-00°16'57"	-10°52'01"	-00°00'08"	95.361
04/08/2024 00:00:00	Y	01°07'09" ♋	08°47'55"	-11°49'13"	00°00'20"	83.718
05/08/2024 00:00:00	☉	13°04'38" ♋	16°53'25"	00°00'00"	00°57'28"	1.014
05/08/2024 00:00:00	☾	19°09'26" ♋	18°43'09"	03°50'10"	12°19'04"	0.003
05/08/2024 00:00:00	♀	04°06'09" ♏	06°30'10"	-03°45'20"	00°01'04"	0.676
05/08/2024 00:00:00	♀	29°52'41" ♋	12°54'29"	01°29'21"	01°13'41"	1.628
05/08/2024 00:00:00	♂	10°18'45" ♋	21°28'06"	-00°31'53"	00°40'07"	1.578
05/08/2024 00:00:00	♃	15°06'07" ♋	21°55'06"	-00°41'30"	00°10'18"	5.501
05/08/2024 00:00:00	♃	18°23'21" ♏	-06°32'25"	-02°07'03"	-00°03'16"	8.830
05/08/2024 00:00:00	♃	26°56'19" ♏	19°13'03"	-00°15'44"	00°01'21"	19.796
05/08/2024 00:00:00	♃	29°38'21" ♏	-01°20'30"	-01°18'22"	-00°01'00"	29.192
05/08/2024 00:00:00	♃	00°34'15" ♏	-23°11'29"	-03°14'28"	-00°01'22"	34.080
05/08/2024 00:00:00	♁	07°55'40" ♏	03°08'41"	00°00'00"	-00°08'21"	0.002
05/08/2024 00:00:00	♃	23°29'45" ♏	10°10'00"	01°07'18"	-00°00'29"	18.284
05/08/2024 00:00:00	☾	04°03'21" ♌	-01°10'19"	00°28'45"	00°06'38"	0.003
05/08/2024 00:00:00	♁	07°55'40" ♏	03°08'41"	00°00'00"	-00°08'21"	0.002

Ephemerides year 2024

05/08/2024 00:00:00	T♄	06°04'49" ♈	-02°15'48"	00°09'52"	01°26'24"	0.003
05/08/2024 00:00:00	X	25°28'35" ♏	-00°17'04"	-10°52'06"	-00°00'08"	95.345
05/08/2024 00:00:00	Y	01°07'29" ♀	08°47'51"	-11°49'21"	00°00'19"	83.701
06/08/2024 00:00:00	☉	14°02'07" ♏	16°36'58"	00°00'00"	00°57'29"	1.014
06/08/2024 00:00:00	☾	01°22'34" ♏	13°49'18"	03°02'15"	12°07'24"	0.003
06/08/2024 00:00:00	♀	04°04'37" ♏	06°20'37"	-03°56'11"	-00°04'10"	0.665
06/08/2024 00:00:00	♀	01°06'22" ♏	12°28'13"	01°29'12"	01°13'41"	1.624
06/08/2024 00:00:00	♂	10°58'49" ♀	21°34'38"	-00°31'01"	00°40'01"	1.573
06/08/2024 00:00:00	♃	15°16'22" ♀	21°56'13"	-00°41'31"	00°10'12"	5.488
06/08/2024 00:00:00	♅	18°20'02" ♏	-06°33'54"	-02°07'15"	-00°03'21"	8.820
06/08/2024 00:00:00	♁	26°57'39" ♏	19°13'21"	-00°15'44"	00°01'18"	19.780
06/08/2024 00:00:00	♆	29°37'19" ♏	-01°20'57"	-01°18'24"	-00°01'02"	29.180
06/08/2024 00:00:00	♁	00°32'53" ♏	-23°11'51"	-03°14'32"	-00°01'22"	34.085
06/08/2024 00:00:00	♁	07°48'16" ♏	03°05'46"	00°00'00"	-00°06'20"	0.002
06/08/2024 00:00:00	♁	23°29'14" ♏	10°09'48"	01°07'17"	-00°00'32"	18.268
06/08/2024 00:00:00	♁	04°10'00" ♈	-01°13'46"	00°27'52"	00°06'38"	0.003
06/08/2024 00:00:00	T♁	07°48'16" ♏	03°05'46"	00°00'00"	-00°06'20"	0.002
06/08/2024 00:00:00	T♄	07°04'15" ♈	-02°44'46"	00°03'56"	00°36'52"	0.003
06/08/2024 00:00:00	X	25°28'26" ♏	-00°17'12"	-10°52'10"	-00°00'09"	95.329

Ephemerides year 2024

06/08/2024 00:00:00	Y	01°07'48" ♀	08°47'47"	-11°49'29"	00°00'18"	83.685
07/08/2024 00:00:00	☉	14°59'37" ♀	16°20'14"	00°00'00"	00°57'30"	1.014
07/08/2024 00:00:00	☾	13°24'51" ♀	08°28'08"	02°06'42"	11°57'32"	0.003
07/08/2024 00:00:00	♀	03°57'47" ♀	06°13'34"	-04°06'22"	-00°09'29"	0.655
07/08/2024 00:00:00	♀	02°20'04" ♀	12°01'36"	01°28'59"	01°13'40"	1.621
07/08/2024 00:00:00	♂	11°38'47" ♀	21°40'58"	-00°30'09"	00°39'54"	1.568
07/08/2024 00:00:00	♃	15°26'32" ♀	21°57'19"	-00°41'32"	00°10'06"	5.475
07/08/2024 00:00:00	♄	18°16'39" ♀	-06°35'24"	-02°07'26"	-00°03'25"	8.811
07/08/2024 00:00:00	♅	26°58'57" ♂	19°13'39"	-00°15'45"	00°01'15"	19.763
07/08/2024 00:00:00	♆	29°36'17" ♀	-01°21'24"	-01°18'27"	-00°01'03"	29.168
07/08/2024 00:00:00	♁	00°31'31" ♀	-23°12'12"	-03°14'36"	-00°01'22"	34.090
07/08/2024 00:00:00	♁	07°43'04" ♀	03°03'43"	00°00'00"	-00°04'03"	0.002
07/08/2024 00:00:00	♂	23°28'39" ♀	10°09'34"	01°07'17"	-00°00'35"	18.252
07/08/2024 00:00:00	♁	04°16'38" ♀	-01°17'13"	00°26'59"	00°06'38"	0.003
07/08/2024 00:00:00	T♁	07°43'04" ♀	03°03'43"	00°00'00"	-00°04'03"	0.002
07/08/2024 00:00:00	T♁	07°27'32" ♀	-02°56'19"	00°01'23"	00°13'49"	0.003
07/08/2024 00:00:00	X	25°28'16" ♀	-00°17'20"	-10°52'15"	-00°00'10"	95.313
07/08/2024 00:00:00	Y	01°08'07" ♀	08°47'43"	-11°49'37"	00°00'18"	83.668
08/08/2024 00:00:00	☉	15°57'08" ♀	16°03'15"	00°00'00"	00°57'31"	1.014

Ephemerides year 2024

08/08/2024 00:00:00	♃	25°18'33" ♃	02°52'30"	01°06'05"	11°50'20"	0.003
08/08/2024 00:00:00	♆	03°45'36" ♃	06°09'08"	-04°15'47"	-00°14'51"	0.646
08/08/2024 00:00:00	♀	03°33'44" ♃	11°34'41"	01°28'42"	01°13'40"	1.617
08/08/2024 00:00:00	♂	12°18'39" ♃	21°47'07"	-00°29'16"	00°39'48"	1.563
08/08/2024 00:00:00	♂	15°36'35" ♃	21°58'23"	-00°41'32"	00°09'59"	5.462
08/08/2024 00:00:00	♃	18°13'11" ♃	-06°36'55"	-02°07'37"	-00°03'29"	8.802
08/08/2024 00:00:00	♃	27°00'11" ♃	19°13'56"	-00°15'45"	00°01'13"	19.747
08/08/2024 00:00:00	♃	29°35'12" ♃	-01°21'52"	-01°18'29"	-00°01'05"	29.156
08/08/2024 00:00:00	♃	00°30'09" ♃	-23°12'34"	-03°14'40"	-00°01'21"	34.095
08/08/2024 00:00:00	♃	07°40'08" ♃	03°02'34"	00°00'00"	-00°01'50"	0.002
08/08/2024 00:00:00	♃	23°28'02" ♃	10°09'20"	01°07'16"	-00°00'39"	18.236
08/08/2024 00:00:00	♃	04°23'17" ♃	-01°20'39"	00°26'07"	00°06'38"	0.003
08/08/2024 00:00:00	♃	07°40'08" ♃	03°02'34"	00°00'00"	-00°01'50"	0.002
08/08/2024 00:00:00	♃	07°38'29" ♃	-03°01'47"	00°00'08"	00°10'21"	0.003
08/08/2024 00:00:00	X	25°28'05" ♃	-00°17'27"	-10°52'19"	-00°00'10"	95.297
08/08/2024 00:00:00	Y	01°08'25" ♃	08°47'38"	-11°49'45"	00°00'17"	83.651
09/08/2024 00:00:00	♃	16°54'40" ♃	15°46'01"	00°00'00"	00°57'32"	1.014
09/08/2024 00:00:00	♃	07°06'43" ♃	-02°46'41"	00°02'55"	11°46'38"	0.003
09/08/2024 00:00:00	♆	03°28'05" ♃	06°07'27"	-04°24'18"	-00°20'10"	0.638



Ephemerides year 2024

09/08/2024 00:00:00	♀	04°47'25" ♍	11°07'28"	01°28'20"	01°13'40"	1.613
09/08/2024 00:00:00	♂	12°58'24" ♊	21°53'05"	-00°28'23"	00°39'41"	1.558
09/08/2024 00:00:00	♃	15°46'31" ♊	21°59'25"	-00°41'33"	00°09'53"	5.448
09/08/2024 00:00:00	♅	18°09'40" ♋	-06°38'28"	-02°07'48"	-00°03'33"	8.793
09/08/2024 00:00:00	♁	27°01'23" ♋	19°14'12"	-00°15'45"	00°01'10"	19.730
09/08/2024 00:00:00	♃	29°34'06" ♋	-01°22'20"	-01°18'31"	-00°01'06"	29.145
09/08/2024 00:00:00	♁	00°28'47" ♋	-23°12'55"	-03°14'43"	-00°01'21"	34.100
09/08/2024 00:00:00	♁	07°39'14" ♋	03°02'12"	00°00'00"	-00°00'03"	0.002
09/08/2024 00:00:00	♁	23°27'21" ♋	10°09'04"	01°07'15"	-00°00'42"	18.220
09/08/2024 00:00:00	♁	04°29'55" ♋	-01°24'06"	00°25'14"	00°06'38"	0.003
09/08/2024 00:00:00	♁	07°39'14" ♋	03°02'12"	00°00'00"	-00°00'03"	0.002
09/08/2024 00:00:00	♁	07°50'42" ♋	-03°07'41"	-00°01'01"	00°14'14"	0.003
09/08/2024 00:00:00	X	25°27'54" ♋	-00°17'36"	-10°52'24"	-00°00'11"	95.281
09/08/2024 00:00:00	Y	01°08'42" ♊	08°47'33"	-11°49'54"	00°00'16"	83.635
10/08/2024 00:00:00	♁	17°52'13" ♋	15°28'31"	-00°00'00"	00°57'33"	1.014
10/08/2024 00:00:00	♁	18°53'15" ♋	-08°19'42"	-01°00'20"	11°47'10"	0.003
10/08/2024 00:00:00	♁	03°05'17" ♋	06°08'36"	-04°31'46"	-00°25'24"	0.630
10/08/2024 00:00:00	♀	06°01'05" ♍	10°39'57"	01°27'55"	01°13'39"	1.610
10/08/2024 00:00:00	♂	13°38'02" ♊	21°58'51"	-00°27'30"	00°39'34"	1.552

Ephemerides year 2024

10/08/2024 00:00:00	♃	15°56'21" ♀	22°00'26"	-00°41'34"	00°09'46"	5.435
10/08/2024 00:00:00	♅	18°06'05" ♀	-06°40'02"	-02°07'59"	-00°03'37"	8.785
10/08/2024 00:00:00	♆	27°02'32" ♂	19°14'27"	-00°15'46"	00°01'07"	19.713
10/08/2024 00:00:00	♆	29°32'59" ♀	-01°22'49"	-01°18'34"	-00°01'07"	29.133
10/08/2024 00:00:00	♁	00°27'27" ♀	-23°13'17"	-03°14'47"	-00°01'20"	34.106
10/08/2024 00:00:00	♁	07°39'46" ♀	03°02'25"	00°00'00"	00°01'01"	0.002
10/08/2024 00:00:00	♆	23°26'37" ♀	10°08'47"	01°07'14"	-00°00'45"	18.204
10/08/2024 00:00:00	♁	04°36'34" ♀	-01°27'33"	00°24'21"	00°06'38"	0.003
10/08/2024 00:00:00	♁	07°39'46" ♀	03°02'25"	00°00'00"	00°01'01"	0.002
10/08/2024 00:00:00	♁	08°05'36" ♀	-03°14'45"	-00°02'19"	00°14'08"	0.003
10/08/2024 00:00:00	X	25°27'42" ♀	-00°17'44"	-10°52'28"	-00°00'12"	95.266
10/08/2024 00:00:00	Y	01°08'58" ♀	08°47'28"	-11°50'02"	00°00'16"	83.618
11/08/2024 00:00:00	♁	18°49'47" ♂	15°10'47"	-00°00'00"	00°57'34"	1.014
11/08/2024 00:00:00	♃	00°42'40" ♀	-13°36'55"	-02°01'22"	11°52'29"	0.003
11/08/2024 00:00:00	♆	02°37'20" ♀	06°12'38"	-04°38'04"	-00°30'26"	0.624
11/08/2024 00:00:00	♆	07°14'44" ♀	10°12'09"	01°27'25"	01°13'39"	1.606
11/08/2024 00:00:00	♂	14°17'33" ♀	22°04'26"	-00°26'35"	00°39'28"	1.547
11/08/2024 00:00:00	♃	16°06'04" ♀	22°01'26"	-00°41'35"	00°09'39"	5.422
11/08/2024 00:00:00	♅	18°02'26" ♀	-06°41'38"	-02°08'10"	-00°03'40"	8.776

Ephemerides year 2024

11/08/2024 00:00:00	♃	27°03'37" ♂	19°14'42"	-00°15'46"	00°01'04"	19.696
11/08/2024 00:00:00	♃	29°31'51" ♀	-01°23'18"	-01°18'36"	-00°01'09"	29.122
11/08/2024 00:00:00	♃	00°26'06" ♀	-23°13'37"	-03°14'50"	-00°01'19"	34.112
11/08/2024 00:00:00	♃	07°41'00" ♀	03°02'54"	00°00'00"	00°01'17"	0.002
11/08/2024 00:00:00	♃	23°25'51" ♀	10°08'29"	01°07'13"	-00°00'48"	18.189
11/08/2024 00:00:00	♃	04°43'13" ♀	-01°30'59"	00°23'28"	00°06'38"	0.003
11/08/2024 00:00:00	♃	07°41'00" ♀	03°02'54"	00°00'00"	00°01'17"	0.002
11/08/2024 00:00:00	♃	08°15'09" ♀	-03°19'12"	-00°03'04"	00°02'40"	0.003
11/08/2024 00:00:00	X	25°27'30" ♀	-00°17'52"	-10°52'33"	-00°00'12"	95.250
11/08/2024 00:00:00	Y	01°09'14" ♀	08°47'23"	-11°50'10"	00°00'15"	83.601
12/08/2024 00:00:00	♃	19°47'21" ♀	14°52'48"	-00°00'00"	00°57'35"	1.013
12/08/2024 00:00:00	♃	12°39'57" ♀	-18°27'39"	-02°57'50"	12°02'57"	0.003
12/08/2024 00:00:00	♃	02°04'30" ♀	06°19'35"	-04°43'02"	-00°35'11"	0.618
12/08/2024 00:00:00	♃	08°28'23" ♀	09°44'05"	01°26'52"	01°13'38"	1.602
12/08/2024 00:00:00	♃	14°56'58" ♀	22°09'49"	-00°25'41"	00°39'21"	1.542
12/08/2024 00:00:00	♃	16°15'40" ♀	22°02'24"	-00°41'35"	00°09'32"	5.408
12/08/2024 00:00:00	♃	17°58'43" ♀	-06°43'14"	-02°08'20"	-00°03'44"	8.768
12/08/2024 00:00:00	♃	27°04'41" ♂	19°14'56"	-00°15'46"	00°01'01"	19.680
12/08/2024 00:00:00	♃	29°30'41" ♀	-01°23'48"	-01°18'38"	-00°01'10"	29.112

Ephemerides year 2024

12/08/2024 00:00:00	♁	00°24'47" ♁	-23°13'58"	-03°14'54"	-00°01'19"	34.118
12/08/2024 00:00:00	♁	07°42'05" ♁	03°03'20"	00°00'00"	00°00'43"	0.002
12/08/2024 00:00:00	♁	23°25'01" ♁	10°08'10"	01°07'12"	-00°00'51"	18.173
12/08/2024 00:00:00	♁	04°49'51" ♁	-01°34'26"	00°22'35"	00°06'38"	0.003
12/08/2024 00:00:00	♁	07°42'05" ♁	03°03'20"	00°00'00"	00°00'43"	0.002
12/08/2024 00:00:00	♁	08°06'01" ♁	-03°14'46"	-00°02'09"	-00°23'24"	0.003
12/08/2024 00:00:00	X	25°27'17" ♁	-00°18'01"	-10°52'37"	-00°00'13"	95.235
12/08/2024 00:00:00	Y	01°09'29" ♁	08°47'18"	-11°50'18"	00°00'14"	83.584
13/08/2024 00:00:00	♁	20°44'57" ♁	14°34'35"	-00°00'00"	00°57'36"	1.013
13/08/2024 00:00:00	♁	24°50'18" ♁	-22°39'01"	-03°47'20"	12°18'36"	0.003
13/08/2024 00:00:00	♁	01°27'05" ♁	06°29'27"	-04°46'32"	-00°39'32"	0.614
13/08/2024 00:00:00	♁	09°42'02" ♁	09°15'46"	01°26'14"	01°13'38"	1.598
13/08/2024 00:00:00	♁	15°36'16" ♁	22°15'01"	-00°24'46"	00°39'14"	1.537
13/08/2024 00:00:00	♁	16°25'09" ♁	22°03'21"	-00°41'36"	00°09'25"	5.394
13/08/2024 00:00:00	♁	17°54'57" ♁	-06°44'52"	-02°08'30"	-00°03'47"	8.761
13/08/2024 00:00:00	♁	27°05'41" ♁	19°15'10"	-00°15'46"	00°00'58"	19.663
13/08/2024 00:00:00	♁	29°29'30" ♁	-01°24'19"	-01°18'40"	-00°01'11"	29.101
13/08/2024 00:00:00	♁	00°23'28" ♁	-23°14'18"	-03°14'57"	-00°01'18"	34.125
13/08/2024 00:00:00	♁	07°42'14" ♁	03°03'23"	00°00'00"	-00°00'31"	0.002

Ephemerides year 2024

13/08/2024 00:00:00	♄	23°24'08" ♏	10°07'49"	01°07'11"	-00°00'54"	18.158
13/08/2024 00:00:00	♁	04°56'30" ♉	-01°37'53"	00°21'42"	00°06'38"	0.003
13/08/2024 00:00:00	♁♁	07°42'14" ♏	03°03'23"	00°00'00"	-00°00'31"	0.002
13/08/2024 00:00:00	♁♁	07°23'44" ♏	-02°54'33"	00°01'40"	-01°03'05"	0.003
13/08/2024 00:00:00	X	25°27'04" ♏	-00°18'10"	-10°52'41"	-00°00'13"	95.220
13/08/2024 00:00:00	Y	01°09'43" ♀	08°47'12"	-11°50'27"	00°00'14"	83.567
14/08/2024 00:00:00	♁	21°42'34" ♏	14°16'08"	-00°00'00"	00°57'37"	1.013
14/08/2024 00:00:00	♁	07°18'47" ♏	-25°55'24"	0-04°27'23"	12°39'05"	0.003
14/08/2024 00:00:00	♁	00°45'34" ♏	06°42'10"	-04°48'26"	-00°43'24"	0.611
14/08/2024 00:00:00	♁	10°55'40" ♏	08°47'12"	01°25'32"	01°13'37"	1.595
14/08/2024 00:00:00	♁	16°15'27" ♀	22°20'02"	-00°23'50"	00°39'07"	1.532
14/08/2024 00:00:00	♁	16°34'32" ♀	22°04'16"	-00°41'37"	00°09'18"	5.381
14/08/2024 00:00:00	♁	17°51'07" ♁	-06°46'31"	-02°08'40"	-00°03'51"	8.753
14/08/2024 00:00:00	♁	27°06'38" ♁	19°15'22"	-00°15'47"	00°00'55"	19.646
14/08/2024 00:00:00	♁	29°28'17" ♁	-01°24'49"	-01°18'42"	-00°01'13"	29.091
14/08/2024 00:00:00	♁	00°22'10" ♁	-23°14'39"	-03°15'00"	-00°01'17"	34.132
14/08/2024 00:00:00	♁	07°40'53" ♏	03°02'51"	00°00'00"	-00°02'13"	0.002
14/08/2024 00:00:00	♁	23°23'13" ♏	10°07'28"	01°07'10"	-00°00'57"	18.143
14/08/2024 00:00:00	♁	05°03'09" ♉	-01°41'19"	00°20'49"	00°06'38"	0.003

Ephemerides year 2024

14/08/2024 00:00:00	T♄	07°40'53" ♏	03°02'51"	00°00'00"	-00°02'13"	0.002
14/08/2024 00:00:00	T♄	05°57'14" ♏	-02°13'17"	00°09'21"	-01°50'23"	0.003
14/08/2024 00:00:00	X	25°26'50" ♏	-00°18'19"	-10°52'46"	-00°00'14"	95.204
14/08/2024 00:00:00	Y	01°09'57" ♏	08°47'07"	-11°50'35"	00°00'13"	83.550
15/08/2024 00:00:00	♁	22°40'11" ♏	13°57'27"	-00°00'00"	00°57'38"	1.013
15/08/2024 00:00:00	♂	20°09'50" ♏	-27°58'58"	-04°55'22"	13°03'32"	0.003
15/08/2024 00:00:00	♀	00°00'30" ♏	06°57'38"	-04°48'38"	-00°46'38"	0.609
15/08/2024 00:00:00	♀	12°09'18" ♏	08°18'25"	01°24'46"	01°13'37"	1.591
15/08/2024 00:00:00	♂	16°54'31" ♏	22°24'52"	-00°22'54"	00°39'00"	1.526
15/08/2024 00:00:00	♃	16°43'47" ♏	22°05'10"	-00°41'38"	00°09'11"	5.367
15/08/2024 00:00:00	♃	17°47'14" ♏	-06°48'11"	-02°08'50"	-00°03'54"	8.746
15/08/2024 00:00:00	♃	27°07'33" ♏	19°15'35"	-00°15'47"	00°00'53"	19.629
15/08/2024 00:00:00	♃	29°27'03" ♏	-01°25'21"	-01°18'45"	-00°01'14"	29.081
15/08/2024 00:00:00	♃	00°20'52" ♏	-23°14'58"	-03°15'03"	-00°01'17"	34.139
15/08/2024 00:00:00	♁	07°37'45" ♏	03°01'37"	00°00'00"	-00°04'00"	0.002
15/08/2024 00:00:00	♁	23°22'14" ♏	10°07'05"	01°07'09"	-00°00'59"	18.128
15/08/2024 00:00:00	♁	05°09'47" ♏	-01°44'46"	00°19'56"	00°06'38"	0.003
15/08/2024 00:00:00	T♄	07°37'45" ♏	03°01'37"	00°00'00"	-00°04'00"	0.002
15/08/2024 00:00:00	T♄	03°44'09" ♏	-01°09'45"	00°21'04"	-02°33'59"	0.003

Ephemerides year 2024

15/08/2024 00:00:00	X	25°26'35" ♏	-00°18'28"	-10°52'50"	-00°00'14"	95.189
15/08/2024 00:00:00	Y	01°10'10" ♏	08°47'01"	-11°50'43"	00°00'12"	83.533
16/08/2024 00:00:00	☉	23°37'50" ♏	13°38'34"	-00°00'00"	00°57'39"	1.013
16/08/2024 00:00:00	☾	03°26'41" ♎	-28°32'13"	-05°08'42"	13°30'24"	0.003
16/08/2024 00:00:00	♀	29°12'33" ♏	07°15'39"	-04°47'02"	-00°49'07"	0.608
16/08/2024 00:00:00	♀	13°22'55" ♏	07°49'24"	01°23'56"	01°13'36"	1.587
16/08/2024 00:00:00	♂	17°33'29" ♏	22°29'31"	-00°21'57"	00°38'53"	1.521
16/08/2024 00:00:00	♃	16°52'55" ♏	22°06'03"	-00°41'39"	00°09'04"	5.353
16/08/2024 00:00:00	♅	17°43'18" ♏	-06°49'52"	-02°08'59"	-00°03'57"	8.739
16/08/2024 00:00:00	♁	27°08'24" ♏	19°15'46"	-00°15'47"	00°00'50"	19.612
16/08/2024 00:00:00	♃	29°25'48" ♏	-01°25'52"	-01°18'47"	-00°01'15"	29.071
16/08/2024 00:00:00	♁	00°19'35" ♏	-23°15'18"	-03°15'06"	-00°01'16"	34.146
16/08/2024 00:00:00	♁	07°32'57" ♏	02°59'44"	00°00'00"	-00°05'30"	0.002
16/08/2024 00:00:00	♁	23°21'13" ♏	10°06'41"	01°07'08"	-00°01'02"	18.113
16/08/2024 00:00:00	♁	05°16'26" ♏	-01°48'13"	00°19'03"	00°06'38"	0.003
16/08/2024 00:00:00	T♁	07°32'57" ♏	02°59'44"	00°00'00"	-00°05'30"	0.002
16/08/2024 00:00:00	T♁	00°55'09" ♏	00°10'56"	00°35'49"	-03°00'03"	0.003
16/08/2024 00:00:00	X	25°26'20" ♏	-00°18'37"	-10°52'54"	-00°00'15"	95.175
16/08/2024 00:00:00	Y	01°10'22" ♏	08°46'55"	-11°50'52"	00°00'11"	83.515

Ephemerides year 2024

17/08/2024 00:00:00	☉	24°35'29" ♈	13°19'27"	-00°00'00"	00°57'40"	1.012
17/08/2024 00:00:00	☾	17°10'45" ♎	-27°22'37"	o-05°05'06"	13°57'32"	0.002
17/08/2024 00:00:00	♁	28°22'31" ♈	07°36'00"	-04°43'35"	-00°50'47"	0.609
17/08/2024 00:00:00	♂	14°36'31" ♉	07°20'11"	01°23'01"	01°13'36"	1.583
17/08/2024 00:00:00	♂	18°12'19" ♉	22°33'59"	-00°21'00"	00°38'46"	1.515
17/08/2024 00:00:00	♃	17°01'56" ♉	22°06'54"	-00°41'40"	00°08'57"	5.339
17/08/2024 00:00:00	♅	17°39'19" ♉	-06°51'34"	-02°09'08"	-00°04'00"	8.732
17/08/2024 00:00:00	♁	27°09'13" ♉	19°15'57"	-00°15'48"	00°00'47"	19.595
17/08/2024 00:00:00	♃	29°24'32" ♉	-01°26'25"	-01°18'49"	-00°01'16"	29.061
17/08/2024 00:00:00	♁	00°18'19" ♉	-23°15'38"	-03°15'09"	-00°01'15"	34.154
17/08/2024 00:00:00	♁	07°26'56" ♉	02°57'21"	00°00'00"	-00°06'24"	0.002
17/08/2024 00:00:00	♁	23°20'09" ♉	10°06'16"	01°07'07"	-00°01'05"	18.098
17/08/2024 00:00:00	♁	05°23'05" ♉	-01°51'39"	00°18'10"	00°06'38"	0.003
17/08/2024 00:00:00	T♁	07°26'56" ♉	02°57'21"	00°00'00"	-00°06'24"	0.002
17/08/2024 00:00:00	T♁	27°52'55" ♉	01°37'52"	00°51'34"	-02°59'56"	0.003
17/08/2024 00:00:00	X	25°26'05" ♉	-00°18'46"	-10°52'58"	-00°00'15"	95.160
17/08/2024 00:00:00	Y	01°10'34" ♉	08°46'49"	-11°51'00"	00°00'11"	83.498
18/08/2024 00:00:00	☉	25°33'10" ♈	13°00'08"	-00°00'00"	00°57'41"	1.012
18/08/2024 00:00:00	☾	01°21'00" ♉	-24°27'22"	o-04°43'02"	14°22'18"	0.002



Ephemerides year 2024

18/08/2024 00:00:00	♀	27°31'16" ♏	07°58'25"	-04°38'13"	-00°51'31"	0.612
18/08/2024 00:00:00	♀	15°50'07" ♍	06°50'46"	01°22'03"	01°13'35"	1.579
18/08/2024 00:00:00	♂	18°51'03" ♍	22°38'15"	-00°20'02"	00°38'39"	1.510
18/08/2024 00:00:00	♃	17°10'50" ♍	22°07'44"	-00°41'41"	00°08'49"	5.325
18/08/2024 00:00:00	♅	17°35'17" ♋	-06°53'17"	-02°09'17"	-00°04'03"	8.726
18/08/2024 00:00:00	♁	27°09'58" ♉	19°16'07"	-00°15'48"	00°00'44"	19.578
18/08/2024 00:00:00	♃	29°23'14" ♋	-01°26'57"	-01°18'51"	-00°01'18"	29.052
18/08/2024 00:00:00	♁	00°17'04" ♋	-23°15'57"	-03°15'12"	-00°01'14"	34.162
18/08/2024 00:00:00	♁	07°20'25" ♋	02°54'47"	00°00'00"	-00°06'29"	0.002
18/08/2024 00:00:00	♁	23°19'01" ♋	10°05'50"	01°07'06"	-00°01'08"	18.084
18/08/2024 00:00:00	♁	05°29'44" ♋	-01°55'06"	00°17'17"	00°06'38"	0.003
18/08/2024 00:00:00	T♁	07°20'25" ♋	02°54'47"	00°00'00"	-00°06'29"	0.002
18/08/2024 00:00:00	T♁	25°02'55" ♍	02°58'43"	01°06'06"	-02°37'14"	0.003
18/08/2024 00:00:00	X	25°25'48" ♋	-00°18'56"	-10°53'02"	-00°00'16"	95.145
18/08/2024 00:00:00	Y	01°10'44" ♍	08°46'43"	-11°51'09"	00°00'10"	83.481
19/08/2024 00:00:00	♁	26°30'52" ♏	12°40'37"	-00°00'00"	00°57'42"	1.012
19/08/2024 00:00:00	♃	15°53'41" ♋	-19°55'28"	-04°02'22"	14°41'58"	0.002
19/08/2024 00:00:00	♀	26°39'47" ♏	08°22'33"	-04°30'59"	-00°51'16"	0.616
19/08/2024 00:00:00	♀	17°03'42" ♍	06°21'11"	01°21'01"	01°13'34"	1.575

Ephemerides year 2024

19/08/2024 00:00:00	♂	19°29'39" ♀	22°42'21"	-00°19'04"	00°38'32"	1.505
19/08/2024 00:00:00	♃	17°19'36" ♀	22°08'33"	-00°41'43"	00°08'42"	5.311
19/08/2024 00:00:00	♅	17°31'12" ♃	-06°55'01"	-02°09'26"	-00°04'06"	8.720
19/08/2024 00:00:00	♁	27°10'41" ♂	19°16'17"	-00°15'48"	00°00'41"	19.561
19/08/2024 00:00:00	♆	29°21'56" ♃	-01°27'30"	-01°18'53"	-00°01'19"	29.043
19/08/2024 00:00:00	♁	00°15'49" ♃	-23°16'16"	-03°15'14"	-00°01'14"	34.170
19/08/2024 00:00:00	♁	07°14'15" ♃	02°52'20"	00°00'00"	-00°05'43"	0.002
19/08/2024 00:00:00	♃	23°17'51" ♃	10°05'23"	01°07'05"	-00°01'11"	18.069
19/08/2024 00:00:00	♁	05°36'23" ♃	-01°58'33"	00°16'24"	00°06'38"	0.003
19/08/2024 00:00:00	♁	07°14'15" ♃	02°52'20"	00°00'00"	-00°05'43"	0.002
19/08/2024 00:00:00	♁	22°41'12" ♃	04°05'52"	01°18'05"	-02°06'16"	0.003
19/08/2024 00:00:00	X	25°25'32" ♃	-00°19'06"	-10°53'06"	-00°00'17"	95.131
19/08/2024 00:00:00	Y	01°10'55" ♀	08°46'37"	-11°51'17"	00°00'09"	83.464
20/08/2024 00:00:00	♁	27°28'35" ♂	12°20'54"	-00°00'00"	00°57'43"	1.012
20/08/2024 00:00:00	♃	00°42'31" ♃	-14°06'00"	-03°04'47"	14°54'20"	0.002
20/08/2024 00:00:00	♁	25°49'04" ♂	08°48'02"	-04°21'53"	-00°49'58"	0.622
20/08/2024 00:00:00	♀	18°17'16" ♃	05°51'25"	01°19'54"	01°13'33"	1.571
20/08/2024 00:00:00	♂	20°08'08" ♀	22°46'16"	-00°18'05"	00°38'25"	1.499
20/08/2024 00:00:00	♃	17°28'14" ♀	22°09'21"	-00°41'44"	00°08'34"	5.297

Ephemerides year 2024

20/08/2024 00:00:00	♃	17°27'03" ♈	-06°56'46"	-02°09'34"	-00°04'09"	8.714
20/08/2024 00:00:00	♅	27°11'21" ♉	19°16'26"	-00°15'49"	00°00'38"	19.544
20/08/2024 00:00:00	♆	29°20'36" ♊	-01°28'04"	-01°18'55"	-00°01'20"	29.034
20/08/2024 00:00:00	♁	00°14'35" ♋	-23°16'34"	-03°15'17"	-00°01'13"	34.179
20/08/2024 00:00:00	♄	07°09'13" ♌	02°50'21"	00°00'00"	-00°04'16"	0.002
20/08/2024 00:00:00	♂	23°16'38" ♍	10°04'55"	01°07'04"	-00°01'14"	18.055
20/08/2024 00:00:00	♁	05°43'01" ♎	-02°01'59"	00°15'31"	00°06'38"	0.003
20/08/2024 00:00:00	♄♁	07°09'13" ♌	02°50'21"	00°00'00"	-00°04'16"	0.002
20/08/2024 00:00:00	♄♁	20°47'37" ♌	04°59'31"	01°27'40"	-01°43'20"	0.003
20/08/2024 00:00:00	X	25°25'14" ♍	-00°19'15"	-10°53'10"	-00°00'17"	95.116
20/08/2024 00:00:00	Y	01°11'04" ♎	08°46'30"	-11°51'25"	00°00'08"	83.446
21/08/2024 00:00:00	♁	28°26'19" ♏	12°00'59"	-00°00'00"	00°57'45"	1.012
21/08/2024 00:00:00	♃	15°39'33" ♈	-07°24'17"	-01°53'57"	14°58'15"	0.002
21/08/2024 00:00:00	♁	25°00'10" ♏	09°14'26"	-04°11'03"	-00°47'39"	0.629
21/08/2024 00:00:00	♁	19°30'50" ♏	05°21'30"	01°18'44"	01°13'33"	1.566
21/08/2024 00:00:00	♂	20°46'30" ♎	22°50'00"	-00°17'06"	00°38'18"	1.494
21/08/2024 00:00:00	♃	17°36'45" ♈	22°10'07"	-00°41'45"	00°08'26"	5.282
21/08/2024 00:00:00	♃	17°22'53" ♈	-06°58'32"	-02°09'43"	-00°04'12"	8.708
21/08/2024 00:00:00	♅	27°11'57" ♉	19°16'34"	-00°15'49"	00°00'35"	19.527

Ephemerides year 2024

21/08/2024 00:00:00	♁	29°19'15" ♈	-01°28'38"	-01°18'57"	-00°01'21"	29.025
21/08/2024 00:00:00	♁	00°13'22" ♋	-23°16'53"	-03°15'19"	-00°01'12"	34.187
21/08/2024 00:00:00	♁	07°05'50" ♈	02°49'01"	00°00'00"	-00°02'26"	0.002
21/08/2024 00:00:00	♁	23°15'22" ♈	10°04'26"	01°07'02"	-00°01'17"	18.041
21/08/2024 00:00:00	♁	05°49'40" ♈	-02°05'26"	00°14'38"	00°06'38"	0.003
21/08/2024 00:00:00	T♁	07°05'50" ♈	02°49'01"	00°00'00"	-00°02'26"	0.002
21/08/2024 00:00:00	T♁	19°08'30" ♈	05°46'16"	01°36'07"	-01°38'05"	0.003
21/08/2024 00:00:00	X	25°24'56" ♈	-00°19'25"	-10°53'14"	-00°00'18"	95.102
21/08/2024 00:00:00	Y	01°11'12" ♈	08°46'24"	-11°51'34"	00°00'08"	83.429
22/08/2024 00:00:00	♁	29°24'05" ♈	11°40'53"	00°00'00"	00°57'46"	1.011
22/08/2024 00:00:00	♁	00°36'16" ♈	-00°17'51"	-00°35'11"	14°53'53"	0.002
22/08/2024 00:00:00	♁	24°14'06" ♈	09°41'19"	-03°58'35"	-00°44'18"	0.638
22/08/2024 00:00:00	♁	20°44'23" ♈	04°51'26"	01°17'30"	01°13'32"	1.562
22/08/2024 00:00:00	♁	21°24'44" ♈	22°53'33"	-00°16'06"	00°38'10"	1.488
22/08/2024 00:00:00	♁	17°45'08" ♈	22°10'52"	-00°41'46"	00°08'19"	5.268
22/08/2024 00:00:00	♁	17°18'39" ♈	-07°00'18"	-02°09'51"	-00°04'14"	8.703
22/08/2024 00:00:00	♁	27°12'31" ♈	19°16'41"	-00°15'49"	00°00'32"	19.510
22/08/2024 00:00:00	♁	29°17'52" ♈	-01°29'12"	-01°18'58"	-00°01'22"	29.017
22/08/2024 00:00:00	♁	00°12'10" ♈	-23°17'11"	-03°15'22"	-00°01'11"	34.196

Ephemerides year 2024

22/08/2024 00:00:00	♁	07°04'18" ♀	02°48'24"	00°00'00"	-00°00'39"	0.002
22/08/2024 00:00:00	♆	23°14'03" ♀	10°03'55"	01°07'01"	-00°01'20"	18.027
22/08/2024 00:00:00	♁	05°56'18" ♀	-02°08'52"	00°13'45"	00°06'38"	0.003
22/08/2024 00:00:00	♁	07°04'18" ♀	02°48'24"	00°00'00"	-00°00'39"	0.002
22/08/2024 00:00:00	♁	17°25'49" ♀	06°34'38"	01°44'59"	-01°49'17"	0.003
22/08/2024 00:00:00	X	25°24'37" ♀	-00°19'35"	-10°53'18"	-00°00'18"	95.088
22/08/2024 00:00:00	Y	01°11'20" ♀	08°46'17"	-11°51'42"	00°00'07"	83.412
23/08/2024 00:00:00	♁	00°21'52" ♀	11°20'36"	00°00'00"	00°57'48"	1.011
23/08/2024 00:00:00	♁	15°25'01" ♀	06°46'05"	00°45'24"	14°42'35"	0.002
23/08/2024 00:00:00	♁	23°31'53" ♀	10°08'15"	-03°44'38"	-00°39'59"	0.649
23/08/2024 00:00:00	♁	21°57'55" ♀	04°21'13"	01°16'11"	01°13'32"	1.558
23/08/2024 00:00:00	♁	22°02'52" ♀	22°56'55"	-00°15'06"	00°38'03"	1.483
23/08/2024 00:00:00	♁	17°53'23" ♀	22°11'35"	-00°41'47"	00°08'11"	5.253
23/08/2024 00:00:00	♁	17°14'24" ♀	-07°02'05"	-02°09'58"	-00°04'16"	8.698
23/08/2024 00:00:00	♁	27°13'02" ♀	19°16'48"	-00°15'49"	00°00'29"	19.494
23/08/2024 00:00:00	♁	29°16'29" ♀	-01°29'47"	-01°19'00"	-00°01'23"	29.009
23/08/2024 00:00:00	♁	00°10'58" ♀	-23°17'29"	-03°15'24"	-00°01'10"	34.206
23/08/2024 00:00:00	♁	07°04'22" ♀	02°48'26"	00°00'00"	00°00'42"	0.002
23/08/2024 00:00:00	♁	23°12'41" ♀	10°03'24"	01°07'00"	-00°01'23"	18.013

Ephemerides year 2024

23/08/2024 00:00:00	☾	06°02'57" ♈	-02°12'19"	00°12'52"	00°06'38"	0.003
23/08/2024 00:00:00	♁	07°04'22" ♏	02°48'26"	00°00'00"	00°00'42"	0.002
23/08/2024 00:00:00	♁	15°28'36" ♏	07°29'37"	01°55'08"	-02°04'08"	0.003
23/08/2024 00:00:00	X	25°24'18" ♏	-00°19'46"	-10°53'22"	-00°00'19"	95.074
23/08/2024 00:00:00	Y	01°11'27" ♀	08°46'10"	-11°51'51"	00°00'06"	83.395
24/08/2024 00:00:00	☉	01°19'41" ♏	11°00'07"	00°00'00"	00°57'49"	1.011
24/08/2024 00:00:00	☾	29°59'50" ♏	13°22'18"	02°01'54"	14°26'23"	0.002
24/08/2024 00:00:00	♀	22°54'26" ♏	10°34'46"	-03°29'23"	-00°34'46"	0.662
24/08/2024 00:00:00	♀	23°11'27" ♏	03°50'54"	01°14'49"	01°13'31"	1.554
24/08/2024 00:00:00	♂	22°40'52" ♀	23°00'07"	-00°14'05"	00°37'56"	1.477
24/08/2024 00:00:00	♂	18°01'30" ♀	22°12'18"	-00°41'49"	00°08'03"	5.239
24/08/2024 00:00:00	♃	17°10'06" ♃	-07°03'53"	-02°10'06"	-00°04'19"	8.693
24/08/2024 00:00:00	♃	27°13'29" ♃	19°16'54"	-00°15'50"	00°00'26"	19.477
24/08/2024 00:00:00	♃	29°15'05" ♃	-01°30'22"	-01°19'02"	-00°01'24"	29.001
24/08/2024 00:00:00	♃	00°09'48" ♃	-23°17'46"	-03°15'26"	-00°01'10"	34.215
24/08/2024 00:00:00	♁	07°05'29" ♏	02°48'52"	00°00'00"	00°01'23"	0.002
24/08/2024 00:00:00	♃	23°11'17" ♏	10°02'51"	01°06'58"	-00°01'25"	18.000
24/08/2024 00:00:00	☾	06°09'36" ♈	-02°15'45"	00°11'59"	00°06'38"	0.003
24/08/2024 00:00:00	♁	07°05'29" ♏	02°48'52"	00°00'00"	00°01'23"	0.002

Ephemerides year 2024

24/08/2024 00:00:00	T♄	13°23'01" ♍	08°28'07"	02°05'55"	-02°02'36"	0.003
24/08/2024 00:00:00	X	25°23'59" ♏	-00°19'56"	-10°53'25"	-00°00'19"	95.060
24/08/2024 00:00:00	Y	01°11'34" ♁	08°46'03"	-11°51'59"	00°00'06"	83.377
25/08/2024 00:00:00	☉	02°17'32" ♍	10°39'29"	00°00'00"	00°57'51"	1.011
25/08/2024 00:00:00	☾	14°16'54" ♏	19°08'01"	03°09'14"	14°07'27"	0.002
25/08/2024 00:00:00	♀	22°22'36" ♏	11°00'27"	-03°13'03"	-00°28'45"	0.676
25/08/2024 00:00:00	♀	24°24'59" ♍	03°20'27"	01°13'23"	01°13'31"	1.549
25/08/2024 00:00:00	♂	23°18'44" ♁	23°03'08"	-00°13'03"	00°37'48"	1.471
25/08/2024 00:00:00	♃	18°09'29" ♁	22°12'59"	-00°41'50"	00°07'55"	5.224
25/08/2024 00:00:00	♅	17°05'45" ♏	-07°05'41"	-02°10'13"	-00°04'21"	8.689
25/08/2024 00:00:00	♁	27°13'54" ♏	19°16'59"	-00°15'50"	00°00'23"	19.460
25/08/2024 00:00:00	♆	29°13'39" ♏	-01°30'58"	-01°19'04"	-00°01'25"	28.993
25/08/2024 00:00:00	♁	00°08'38" ♏	-23°18'03"	-03°15'28"	-00°01'09"	34.225
25/08/2024 00:00:00	♁	07°06'53" ♏	02°49'26"	00°00'00"	00°01'16"	0.002
25/08/2024 00:00:00	♁	23°09'50" ♏	10°02'17"	01°06'57"	-00°01'28"	17.986
25/08/2024 00:00:00	♁	06°16'14" ♁	-02°19'12"	00°11'06"	00°06'38"	0.003
25/08/2024 00:00:00	T♁	07°06'53" ♏	02°49'26"	00°00'00"	00°01'16"	0.002
25/08/2024 00:00:00	T♄	11°34'17" ♍	09°18'20"	02°15'07"	-01°28'57"	0.003
25/08/2024 00:00:00	X	25°23'39" ♏	-00°20'07"	-10°53'29"	-00°00'20"	95.047

Ephemerides year 2024

25/08/2024 00:00:00	Y	01°11'39" ♀	08°45'55"	-11°52'08"	00°00'05"	83.360
26/08/2024 00:00:00	☉	03°15'25" ♍	10°18'40"	00°00'00"	00°57'53"	1.011
26/08/2024 00:00:00	☾	28°14'28" ♋	23°43'30" ♁	04°03'43"	13°47'39"	0.003
26/08/2024 00:00:00	♀	21°57'08" ♏	11°24'54"	-02°55'51"	-00°22'04"	0.692
26/08/2024 00:00:00	♀	25°38'30" ♍	02°49'54"	01°11'53"	01°13'31"	1.545
26/08/2024 00:00:00	♂	23°56'29" ♀	23°05'58"	-00°12'01"	00°37'40"	1.466
26/08/2024 00:00:00	♃	18°17'20" ♀	22°13'39"	-00°41'51"	00°07'46"	5.210
26/08/2024 00:00:00	♅	17°01'23" ♋	-07°07'30"	-02°10'20"	-00°04'23"	8.685
26/08/2024 00:00:00	♁	27°14'16" ♋	19°17'04"	-00°15'50"	00°00'20"	19.443
26/08/2024 00:00:00	♃	29°12'13" ♋	-01°31'34"	-01°19'05"	-00°01'26"	28.986
26/08/2024 00:00:00	♄	00°07'30" ♋	-23°18'20"	-03°15'30"	-00°01'08"	34.235
26/08/2024 00:00:00	♁	07°07'48" ♋	02°49'48"	00°00'00"	00°00'28"	0.002
26/08/2024 00:00:00	♃	23°08'20" ♋	10°01'43"	01°06'56"	-00°01'31"	17.973
26/08/2024 00:00:00	♁	06°22'53" ♋	-02°22'38"	00°10'13"	00°06'38"	0.003
26/08/2024 00:00:00	T♁	07°07'48" ♋	02°49'48"	00°00'00"	00°00'28"	0.002
26/08/2024 00:00:00	T♃	10°35'58" ♍	09°45'05"	02°20'01"	-00°23'14"	0.003
26/08/2024 00:00:00	X	25°23'18" ♋	-00°20'17"	-10°53'33"	-00°00'20"	95.034
26/08/2024 00:00:00	Y	01°11'44" ♀	08°45'48"	-11°52'16"	00°00'04"	83.343
27/08/2024 00:00:00	☉	04°13'19" ♍	09°57'41"	00°00'00"	00°57'55"	1.010



Ephemerides year 2024

27/08/2024 00:00:00	♃	11°52'24" ♀	26°53'04" ♀	04°43'01"	13°28'21"	0.003
27/08/2024 00:00:00	♁	21°38'39" ♀	11°47'44"	-02°37'58"	-00°14'48"	0.710
27/08/2024 00:00:00	♂	26°52'01" ♀	02°19'16"	01°10'19"	01°13'30"	1.541
27/08/2024 00:00:00	♂	24°34'06" ♀	23°08'38"	-00°10'59"	00°37'33"	1.460
27/08/2024 00:00:00	♂	18°25'03" ♀	22°14'17"	-00°41'53"	00°07'38"	5.195
27/08/2024 00:00:00	♂	16°56'59" ♀	-07°09'19"	-02°10'27"	-00°04'24"	8.681
27/08/2024 00:00:00	♂	27°14'35" ♀	19°17'08"	-00°15'51"	00°00'17"	19.426
27/08/2024 00:00:00	♂	29°10'46" ♀	-01°32'10"	-01°19'07"	-00°01'27"	28.979
27/08/2024 00:00:00	♂	00°06'22" ♀	-23°18'36"	-03°15'32"	-00°01'06"	34.245
27/08/2024 00:00:00	♂	07°07'40" ♀	02°49'44"	00°00'00"	-00°00'48"	0.002
27/08/2024 00:00:00	♂	23°06'48" ♀	10°01'07"	01°06'54"	-00°01'33"	17.960
27/08/2024 00:00:00	♂	06°29'32" ♀	-02°26'04"	00°09'20"	00°06'38"	0.003
27/08/2024 00:00:00	♂	07°07'40" ♀	02°49'44"	00°00'00"	-00°00'48"	0.002
27/08/2024 00:00:00	♂	10°53'31" ♀	09°37'04"	02°18'34"	00°59'33"	0.003
27/08/2024 00:00:00	X	25°22'57" ♀	-00°20'28"	-10°53'36"	-00°00'21"	95.020
27/08/2024 00:00:00	Y	01°11'49" ♀	08°45'40"	-11°52'25"	00°00'03"	83.325
28/08/2024 00:00:00	♂	05°11'16" ♀	09°36'32"	00°00'00"	00°57'57"	1.010
28/08/2024 00:00:00	♃	25°11'38" ♀	28°26'54" ♀	05°06'02"	13°10'23"	0.003
28/08/2024 00:00:00	♁	21°27'40" ♀	12°08'35"	-02°19'40"	-00°07'05"	0.729

Ephemerides year 2024

28/08/2024 00:00:00	♀	28°05'32" ♍	01°48'33"	01°08'42"	01°13'30"	1.536
28/08/2024 00:00:00	♂	25°11'35" ♉	23°11'08"	-00°09'56"	00°37'25"	1.454
28/08/2024 00:00:00	♃	18°32'37" ♉	22°14'55"	-00°41'54"	00°07'29"	5.180
28/08/2024 00:00:00	♅	16°52'33" ♋	-07°11'09"	-02°10'33"	-00°04'26"	8.677
28/08/2024 00:00:00	♁	27°14'50" ♋	19°17'11"	-00°15'51"	00°00'14"	19.409
28/08/2024 00:00:00	♃	29°09'18" ♋	-01°32'47"	-01°19'09"	-00°01'28"	28.972
28/08/2024 00:00:00	♁	00°05'16" ♋	-23°18'53"	-03°15'34"	-00°01'05"	34.255
28/08/2024 00:00:00	♁	07°06'07" ♋	02°49'08"	00°00'00"	-00°02'16"	0.002
28/08/2024 00:00:00	♁	23°05'13" ♋	10°00'30"	01°06'53"	-00°01'36"	17.947
28/08/2024 00:00:00	♁	06°36'10" ♋	-02°29'31"	00°08'27"	00°06'38"	0.003
28/08/2024 00:00:00	♁	07°06'07" ♋	02°49'08"	00°00'00"	-00°02'16"	0.002
28/08/2024 00:00:00	♁	12°34'28" ♋	08°50'39"	02°10'07"	02°20'39"	0.003
28/08/2024 00:00:00	X	25°22'35" ♋	-00°20'39"	-10°53'39"	-00°00'21"	95.007
28/08/2024 00:00:00	Y	01°11'52" ♉	08°45'33"	-11°52'33"	00°00'03"	83.308
29/08/2024 00:00:00	♁	06°09'14" ♋	09°15'14"	00°00'00"	00°57'59"	1.010
29/08/2024 00:00:00	♁	08°13'44" ♋	28°23'00"	05°12'38"	12°54'06"	0.003
29/08/2024 00:00:00	♁	21°24'34" ♋	12°27'09"	-02°01'07"	00°00'56"	0.749
29/08/2024 00:00:00	♀	29°19'02" ♋	01°17'46"	01°07'00"	01°13'29"	1.532
29/08/2024 00:00:00	♂	25°48'56" ♉	23°13'27"	-00°08'53"	00°37'16"	1.449

Ephemerides year 2024

29/08/2024 00:00:00	♃	18°40'03" ♀	22°15'31"	-00°41'56"	00°07'21"	5.165
29/08/2024 00:00:00	♅	16°48'06" ♀	-07°12'59"	-02°10'40"	-00°04'28"	8.674
29/08/2024 00:00:00	♁	27°15'03" ♂	19°17'14"	-00°15'51"	00°00'11"	19.392
29/08/2024 00:00:00	♆	29°07'49" ♀	-01°33'23"	-01°19'10"	-00°01'29"	28.965
29/08/2024 00:00:00	♁	00°04'11" ♀	-23°19'09"	-03°15'36"	-00°01'04"	34.266
29/08/2024 00:00:00	♄	07°03'10" ♀	02°47'57"	00°00'00"	-00°03'35"	0.002
29/08/2024 00:00:00	♃	23°03'35" ♀	09°59'53"	01°06'51"	-00°01'38"	17.934
29/08/2024 00:00:00	♁	06°42'49" ♀	-02°32'57"	00°07'34"	00°06'38"	0.003
29/08/2024 00:00:00	♄	07°03'10" ♀	02°47'57"	00°00'00"	-00°03'35"	0.002
29/08/2024 00:00:00	♁	15°29'29" ♀	07°29'19"	01°55'11"	03°25'51"	0.003
29/08/2024 00:00:00	X	25°22'13" ♀	-00°20'50"	-10°53'43"	-00°00'22"	94.995
29/08/2024 00:00:00	Y	01°11'55" ♀	08°45'25"	-11°52'42"	00°00'02"	83.291
30/08/2024 00:00:00	♁	07°07'14" ♀	08°53'47"	00°00'00"	00°58'00"	1.010
30/08/2024 00:00:00	♃	21°00'26" ♀	26°47'36" ♀	05°03'29"	12°39'35"	0.003
30/08/2024 00:00:00	♁	21°29'37" ♀	12°43'09"	-01°42'32"	00°09'10"	0.772
30/08/2024 00:00:00	♁	00°32'31" ♀	00°46'56"	01°05'15"	01°13'29"	1.527
30/08/2024 00:00:00	♂	26°26'09" ♀	23°15'37"	-00°07'49"	00°37'08"	1.443
30/08/2024 00:00:00	♃	18°47'20" ♀	22°16'06"	-00°41'57"	00°07'12"	5.150
30/08/2024 00:00:00	♅	16°43'37" ♀	-07°14'49"	-02°10'46"	-00°04'29"	8.671

Ephemerides year 2024

30/08/2024 00:00:00	♃	27°15'13" ♄	19°17'16"	-00°15'51"	00°00'08"	19.376
30/08/2024 00:00:00	♃	29°06'19" ♃	-01°34'01"	-01°19'12"	-00°01'30"	28.959
30/08/2024 00:00:00	♃	00°03'06" ♃	-23°19'24"	-03°15'38"	-00°01'03"	34.277
30/08/2024 00:00:00	♃	06°59'05" ♃	02°46'21"	00°00'00"	-00°04'30"	0.002
30/08/2024 00:00:00	♃	23°01'55" ♃	09°59'14"	01°06'49"	-00°01'41"	17.922
30/08/2024 00:00:00	♃	06°49'28" ♃	-02°36'24"	00°06'41"	00°06'38"	0.003
30/08/2024 00:00:00	♃	06°59'05" ♃	02°46'21"	00°00'00"	-00°04'30"	0.002
30/08/2024 00:00:00	♃	19°18'05" ♃	05°41'40"	01°35'14"	04°06'55"	0.003
30/08/2024 00:00:00	X	25°21'51" ♃	-00°21'01"	-10°53'46"	-00°00'22"	94.982
30/08/2024 00:00:00	Y	01°11'57" ♃	08°45'17"	-11°52'50"	00°00'01"	83.273
31/08/2024 00:00:00	♃	08°05'16" ♃	08°32'12"	00°00'00"	00°58'02"	1.009
31/08/2024 00:00:00	♃	03°33'29" ♃	23°53'21" ♃	04°39'49"	12°26'45"	0.003
31/08/2024 00:00:00	♃	21°42'58" ♃	12°56'21"	-01°24'06"	00°17'31"	0.795
31/08/2024 00:00:00	♃	01°46'00" ♃	00°16'03"	01°03'27"	01°13'28"	1.522
31/08/2024 00:00:00	♃	27°03'13" ♃	23°17'36"	-00°06'44"	00°37'00"	1.437
31/08/2024 00:00:00	♃	18°54'28" ♃	22°16'41"	-00°41'59"	00°07'03"	5.135
31/08/2024 00:00:00	♃	16°39'07" ♃	-07°16'40"	-02°10'51"	-00°04'31"	8.669
31/08/2024 00:00:00	♃	27°15'20" ♄	19°17'17"	-00°15'52"	00°00'05"	19.359
31/08/2024 00:00:00	♃	29°04'48" ♃	-01°34'38"	-01°19'13"	-00°01'31"	28.953

Ephemerides year 2024

31/08/2024 00:00:00	♁	00°02'03" ♁	-23°19'40"	-03°15'39"	-00°01'02"	34.288
31/08/2024 00:00:00	♁	06°54'21" ♁	02°44'28"	00°00'00"	-00°04'51"	0.002
31/08/2024 00:00:00	♁	23°00'12" ♁	09°58'34"	01°06'48"	-00°01'44"	17.910
31/08/2024 00:00:00	♁	06°56'07" ♁	-02°39'50"	00°05'48"	00°06'38"	0.003
31/08/2024 00:00:00	♁	06°54'21" ♁	02°44'28"	00°00'00"	-00°04'51"	0.002
31/08/2024 00:00:00	♁	23°34'07" ♁	03°39'40"	01°12'22"	04°20'29"	0.003
31/08/2024 00:00:00	X	25°21'28" ♁	-00°21'12"	-10°53'49"	-00°00'23"	94.969
31/08/2024 00:00:00	Y	01°11'59" ♁	08°45'09"	-11°52'59"	00°00'00"	83.256
01/09/2024 00:00:00	♁	09°03'19" ♁	08°10'28"	00°00'00"	00°58'04"	1.009
01/09/2024 00:00:00	♁	15°54'29" ♁	19°56'11"	04°03'23"	12°15'30"	0.003
01/09/2024 00:00:00	♁	22°04'40" ♁	13°06'33"	-01°05'59"	00°25'51"	0.819
01/09/2024 00:00:00	♁	02°59'28" ♁	-00°14'50"	01°01'35"	01°13'27"	1.518
01/09/2024 00:00:00	♁	27°40'09" ♁	23°19'25"	-00°05'39"	00°36'51"	1.431
01/09/2024 00:00:00	♁	19°01'27" ♁	22°17'14"	-00°42'00"	00°06'54"	5.120
01/09/2024 00:00:00	♁	16°34'35" ♁	-07°18'31"	-02°10'57"	-00°04'32"	8.666
01/09/2024 00:00:00	♁	27°15'23" ♁	19°17'17"	-00°15'52"	00°00'01"	19.342
01/09/2024 00:00:00	♁	29°03'16" ♁	-01°35'16"	-01°19'15"	-00°01'31"	28.947
01/09/2024 00:00:00	♁	00°01'01" ♁	-23°19'55"	-03°15'41"	-00°01'01"	34.300
01/09/2024 00:00:00	♁	06°49'33" ♁	02°42'35"	00°00'00"	-00°04'38"	0.002

Ephemerides year 2024

01/09/2024 00:00:00	♄	22°58'26" ♏	09°57'53"	01°06'46"	-00°01'46"	17.898
01/09/2024 00:00:00	♁	07°02'45" ♉	-02°43'16"	00°04'55"	00°06'38"	0.003
01/09/2024 00:00:00	♁♏	06°49'33" ♏	02°42'35"	00°00'00"	-00°04'38"	0.002
01/09/2024 00:00:00	♁♄	27°50'18" ♏	01°36'35"	00°49'03"	04°07'55"	0.003
01/09/2024 00:00:00	X	25°21'04" ♏	-00°21'23"	-10°53'52"	-00°00'23"	94.957
01/09/2024 00:00:00	Y	01°11'59" ♀	08°45'01"	-11°53'07"	00°00'00"	83.239
02/09/2024 00:00:00	♁	10°01'24" ♏	07°48'36"	00°00'00"	00°58'06"	1.009
02/09/2024 00:00:00	♁	28°05'01" ♏	15°12'24"	03°16'16"	12°05'47"	0.003
02/09/2024 00:00:00	♁	22°34'40" ♏	13°13'33"	-00°48'20"	00°34'06"	0.845
02/09/2024 00:00:00	♁	04°12'55" ♉	-00°45'46"	00°59'39"	01°13'27"	1.513
02/09/2024 00:00:00	♁	28°16'56" ♀	23°21'05"	-00°04'33"	00°36'42"	1.425
02/09/2024 00:00:00	♁	19°08'17" ♀	22°17'45"	-00°42'02"	00°06'45"	5.105
02/09/2024 00:00:00	♁	16°30'02" ♀	-07°20'22"	-02°11'02"	-00°04'33"	8.664
02/09/2024 00:00:00	♁	27°15'23" ♀	19°17'17"	-00°15'52"	-00°00'01"	19.326
02/09/2024 00:00:00	♁	29°01'44" ♀	-01°35'54"	-01°19'16"	-00°01'32"	28.942
02/09/2024 00:00:00	♁	29°59'59" ♀	-23°20'09"	-03°15'42"	-00°01'00"	34.311
02/09/2024 00:00:00	♁	06°45'15" ♏	02°40'53"	00°00'00"	-00°03'53"	0.002
02/09/2024 00:00:00	♁	22°56'38" ♏	09°57'11"	01°06'44"	-00°01'49"	17.886
02/09/2024 00:00:00	♁	07°09'24" ♉	-02°46'43"	00°04'02"	00°06'38"	0.003

Ephemerides year 2024

02/09/2024 00:00:00	T♄	06°45'15" ♏	02°40'53"	00°00'00"	-00°03'53"	0.002
02/09/2024 00:00:00	T♄	01°43'35" ♏	-00°15'54"	00°27'33"	03°36'23"	0.003
02/09/2024 00:00:00	X	25°20'40" ♏	-00°21'34"	-10°53'55"	-00°00'24"	94.945
02/09/2024 00:00:00	Y	01°11'59" ♏	08°44'53"	-11°53'16"	-00°00'00"	83.222
03/09/2024 00:00:00	☉	10°59'31" ♏	07°26'37"	00°00'00"	00°58'07"	1.009
03/09/2024 00:00:00	☾	10°06'37" ♏	09°57'02"	02°20'52"	11°57'41"	0.003
03/09/2024 00:00:00	☿	23°12'49" ♏	13°17'14"	-00°31'17"	00°42'10"	0.871
03/09/2024 00:00:00	♀	05°26'22" ♏	-01°16'42"	00°57'40"	01°13'26"	1.508
03/09/2024 00:00:00	♂	28°53'34" ♏	23°22'34"	-00°03'27"	00°36'33"	1.419
03/09/2024 00:00:00	♃	19°14'58" ♏	22°18'16"	-00°42'04"	00°06'36"	5.090
03/09/2024 00:00:00	♅	16°25'28" ♏	-07°22'13"	-02°11'07"	-00°04'34"	8.662
03/09/2024 00:00:00	♁	27°15'21" ♏	19°17'16"	-00°15'53"	-00°00'04"	19.309
03/09/2024 00:00:00	♆	29°00'11" ♏	-01°36'32"	-01°19'17"	-00°01'33"	28.937
03/09/2024 00:00:00	♁	29°58'59" ♏	-23°20'24"	-03°15'44"	-00°00'59"	34.323
03/09/2024 00:00:00	♁	06°41'54" ♏	02°39'33"	00°00'00"	-00°02'46"	0.002
03/09/2024 00:00:00	♁	22°54'48" ♏	09°56'29"	01°06'42"	-00°01'51"	17.874
03/09/2024 00:00:00	♁	07°16'02" ♏	-02°50'09"	00°03'09"	00°06'38"	0.003
03/09/2024 00:00:00	T♄	06°41'54" ♏	02°39'33"	00°00'00"	-00°02'46"	0.002
03/09/2024 00:00:00	T♄	05°00'46" ♏	-01°51'00"	00°09'15"	02°57'56"	0.003

Ephemerides year 2024

03/09/2024 00:00:00	X	25°20'15" ♏	-00°21'46"	-10°53'58"	-00°00'24"	94.933
03/09/2024 00:00:00	Y	01°11'58" ♏	08°44'44"	-11°53'24"	-00°00'01"	83.205
04/09/2024 00:00:00	☉	11°57'40" ♏	07°04'31"	00°00'00"	00°58'09"	1.009
04/09/2024 00:00:00	☾	22°01'02" ♏	04°23'16"	01°19'44"	11°51'26"	0.003
04/09/2024 00:00:00	♀	23°58'55" ♏	13°17'30"	-00°14'57"	00°49'58"	0.898
04/09/2024 00:00:00	♀	06°39'48" ♏	-01°47'37"	00°55'38"	01°13'25"	1.504
04/09/2024 00:00:00	♂	29°30'03" ♏	23°23'55"	-00°02'21"	00°36'24"	1.413
04/09/2024 00:00:00	♃	19°21'29" ♏	22°18'46"	-00°42'05"	00°06'26"	5.075
04/09/2024 00:00:00	♅	16°20'54" ♏	-07°24'04"	-02°11'11"	-00°04'34"	8.661
04/09/2024 00:00:00	♁	27°15'15" ♏	19°17'15"	-00°15'53"	-00°00'07"	19.293
04/09/2024 00:00:00	♃	28°58'37" ♏	-01°37'11"	-01°19'19"	-00°01'34"	28.932
04/09/2024 00:00:00	♁	29°58'00" ♏	-23°20'38"	-03°15'45"	-00°00'58"	34.335
04/09/2024 00:00:00	♁	06°39'45" ♏	02°38'42"	00°00'00"	-00°01'30"	0.002
04/09/2024 00:00:00	♁	22°52'55" ♏	09°55'45"	01°06'40"	-00°01'54"	17.863
04/09/2024 00:00:00	♁	07°22'41" ♏	-02°53'35"	00°02'16"	00°06'38"	0.003
04/09/2024 00:00:00	T♁	06°39'45" ♏	02°38'42"	00°00'00"	-00°01'30"	0.002
04/09/2024 00:00:00	T♁	07°41'21" ♏	-03°08'14"	-00°05'39"	02°24'55"	0.003
04/09/2024 00:00:00	X	25°19'50" ♏	-00°21'57"	-10°54'01"	-00°00'25"	94.922
04/09/2024 00:00:00	Y	01°11'57" ♏	08°44'36"	-11°53'33"	-00°00'02"	83.188



Ephemerides year 2024

05/09/2024 00:00:00	♁	12°55'50"	♍	06°42'17"	00°00'00"	00°58'10"	1.008
05/09/2024 00:00:00	♃	03°50'15"	♈	-01°17'18"	00°15'29"	11°47'23"	0.003
05/09/2024 00:00:00	♃	24°52'40"	♏	13°14'16"	00°00'33"	00°57'27"	0.926
05/09/2024 00:00:00	♃	07°53'14"	♈	-02°18'32"	00°53'32"	01°13'25"	1.499
05/09/2024 00:00:00	♂	00°06'23"	♉	23°25'05"	-00°01'13"	00°36'15"	1.407
05/09/2024 00:00:00	♃	19°27'51"	♈	22°19'14"	-00°42'07"	00°06'17"	5.060
05/09/2024 00:00:00	♃	16°16'19"	♈	-07°25'55"	-02°11'16"	-00°04'35"	8.660
05/09/2024 00:00:00	♃	27°15'06"	♏	19°17'13"	-00°15'53"	-00°00'10"	19.276
05/09/2024 00:00:00	♃	28°57'02"	♈	-01°37'49"	-01°19'20"	-00°01'34"	28.927
05/09/2024 00:00:00	♃	29°57'03"	♏	-23°20'51"	-03°15'46"	-00°00'57"	34.348
05/09/2024 00:00:00	♁	06°38'52"	♈	02°38'21"	00°00'00"	-00°00'16"	0.002
05/09/2024 00:00:00	♃	22°51'00"	♈	09°55'00"	01°06'39"	-00°01'56"	17.852
05/09/2024 00:00:00	♃	07°29'20"	♈	-02°57'01"	00°01'23"	00°06'38"	0.003
05/09/2024 00:00:00	♁	06°38'52"	♈	02°38'21"	00°00'00"	-00°00'16"	0.002
05/09/2024 00:00:00	♃	09°54'40"	♈	-04°12'05"	-00°17'59"	02°03'47"	0.003
05/09/2024 00:00:00	X	25°19'24"	♈	-00°22'09"	-10°54'04"	-00°00'25"	94.910
05/09/2024 00:00:00	Y	01°11'54"	♈	08°44'27"	-11°53'41"	-00°00'02"	83.171
06/09/2024 00:00:00	♁	13°54'02"	♍	06°19'57"	00°00'00"	00°58'12"	1.008
06/09/2024 00:00:00	♃	15°36'43"	♈	-06°54'10"	-00°49'16"	11°46'01"	0.003

Ephemerides year 2024

06/09/2024 00:00:00	♀	25°53'42" ♀	13°07'30"	00°15'09"	01°04'32"	0.953
06/09/2024 00:00:00	♀	09°06'38" ♀	-02°49'25"	00°51'23"	01°13'24"	1.494
06/09/2024 00:00:00	♂	00°42'34" ♂	23°26'06"	-00°00'05"	00°36'06"	1.401
06/09/2024 00:00:00	♃	19°34'04" ♃	22°19'42"	-00°42'09"	00°06'07"	5.045
06/09/2024 00:00:00	♅	16°11'43" ♅	-07°27'46"	-02°11'20"	-00°04'35"	8.659
06/09/2024 00:00:00	♁	27°14'54" ♁	19°17'10"	-00°15'53"	-00°00'13"	19.260
06/09/2024 00:00:00	♃	28°55'27" ♃	-01°38'28"	-01°19'21"	-00°01'35"	28.923
06/09/2024 00:00:00	♁	29°56'06" ♁	-23°21'05"	-03°15'47"	-00°00'55"	34.360
06/09/2024 00:00:00	♁	06°39'08" ♁	02°38'28"	00°00'00"	00°00'44"	0.002
06/09/2024 00:00:00	♃	22°49'02" ♃	09°54'15"	01°06'37"	-00°01'58"	17.841
06/09/2024 00:00:00	♁	07°35'58" ♁	-03°00'27"	00°00'30"	00°06'38"	0.003
06/09/2024 00:00:00	T♁	06°39'08" ♁	02°38'28"	00°00'00"	00°00'44"	0.002
06/09/2024 00:00:00	T♃	11°52'21" ♃	-05°08'08"	-00°28'47"	01°52'45"	0.003
06/09/2024 00:00:00	X	25°18'58" ♁	-00°22'21"	-10°54'07"	-00°00'26"	94.899
06/09/2024 00:00:00	Y	01°11'51" ♃	08°44'18"	-11°53'50"	-00°00'03"	83.154
07/09/2024 00:00:00	♃	14°52'15" ♃	05°57'31"	-00°00'00"	00°58'14"	1.008
07/09/2024 00:00:00	♃	27°23'22" ♃	-12°17'09"	-01°52'03"	11°47'51"	0.003
07/09/2024 00:00:00	♀	27°01'37" ♀	12°57'12"	00°28'47"	01°11'11"	0.981
07/09/2024 00:00:00	♀	10°20'02" ♀	-03°20'15"	00°49'11"	01°13'23"	1.489

Ephemerides year 2024

07/09/2024 00:00:00	♂	01°18'35" ♉	23°26'58" ♁	00°01'02"	00°35'56"	1.395
07/09/2024 00:00:00	♃	19°40'07" ♉	22°20'08"	-00°42'10"	00°05'58"	5.030
07/09/2024 00:00:00	♅	16°07'07" ♋	-07°29'37"	-02°11'24"	-00°04'36"	8.658
07/09/2024 00:00:00	♁	27°14'40" ♉	19°17'06"	-00°15'54"	-00°00'16"	19.244
07/09/2024 00:00:00	♃	28°53'52" ♋	-01°39'07"	-01°19'22"	-00°01'35"	28.919
07/09/2024 00:00:00	♁	29°55'11" ♉	-23°21'18"	-03°15'48"	-00°00'54"	34.373
07/09/2024 00:00:00	♁	06°40'15" ♉	02°38'54"	00°00'00"	00°01'24"	0.002
07/09/2024 00:00:00	♃	22°47'02" ♉	09°53'28"	01°06'34"	-00°02'00"	17.830
07/09/2024 00:00:00	♁	07°42'37" ♉	-03°03'53"	-00°00'22"	00°06'38"	0.003
07/09/2024 00:00:00	♁	06°40'15" ♉	02°38'54"	00°00'00"	00°01'24"	0.002
07/09/2024 00:00:00	♁	13°41'12" ♉	-05°59'41"	-00°38'41"	01°44'46"	0.003
07/09/2024 00:00:00	X	25°18'32" ♉	-00°22'32"	-10°54'09"	-00°00'26"	94.888
07/09/2024 00:00:00	Y	01°11'47" ♉	08°44'09"	-11°53'58"	-00°00'04"	83.137
08/09/2024 00:00:00	♁	15°50'30" ♋	05°34'59"	-00°00'00"	00°58'15"	1.008
08/09/2024 00:00:00	♁	09°13'40" ♋	-17°15'34"	-02°50'24"	11°53'23"	0.003
08/09/2024 00:00:00	♁	28°15'56" ♋	12°43'25"	00°41'23"	01°17'21"	1.009
08/09/2024 00:00:00	♀	11°33'25" ♉	-03°51'03"	00°46'55"	01°13'22"	1.484
08/09/2024 00:00:00	♂	01°54'27" ♉	23°27'41" ♁	00°02'11"	00°35'47"	1.389
08/09/2024 00:00:00	♃	19°46'00" ♉	22°20'33"	-00°42'12"	00°05'48"	5.014

Ephemerides year 2024

08/09/2024 00:00:00	♃	16°02'31" ♋	-07°31'28"	-02°11'27"	-00°04'36"	8.658
08/09/2024 00:00:00	♅	27°14'22" ♊	19°17'02"	-00°15'54"	-00°00'19"	19.228
08/09/2024 00:00:00	♆	28°52'15" ♋	-01°39'47"	-01°19'23"	-00°01'36"	28.915
08/09/2024 00:00:00	♁	29°54'17" ♉	-23°21'30"	-03°15'49"	-00°00'53"	34.386
08/09/2024 00:00:00	♄	06°41'49" ♈	02°39'31"	00°00'00"	00°01'38"	0.002
08/09/2024 00:00:00	♂	22°45'00" ♈	09°52'41"	01°06'32"	-00°02'03"	17.820
08/09/2024 00:00:00	♁	07°49'15" ♈	-03°07'20"	-00°01'16"	00°06'38"	0.003
08/09/2024 00:00:00	♄♁	06°41'49" ♈	02°39'31"	00°00'00"	00°01'38"	0.002
08/09/2024 00:00:00	♁♃	15°20'17" ♈	-06°46'19"	-00°47'38"	01°32'01"	0.003
08/09/2024 00:00:00	X	25°18'05" ♈	-00°22'44"	-10°54'12"	-00°00'27"	94.877
08/09/2024 00:00:00	Y	01°11'42" ♉	08°44'00"	-11°54'06"	-00°00'04"	83.120
09/09/2024 00:00:00	♁	16°48'47" ♉	05°12'22"	-00°00'00"	00°58'17"	1.007
09/09/2024 00:00:00	♃	21°11'33" ♉	-21°37'27"	-03°41'59"	12°03'06"	0.003
09/09/2024 00:00:00	♁	29°36'09" ♉	12°26'14"	00°52'55"	01°22'59"	1.037
09/09/2024 00:00:00	♁	12°46'47" ♈	-04°21'46"	00°44'37"	01°13'21"	1.480
09/09/2024 00:00:00	♂	02°30'09" ♉	23°28'15" ♁	00°03'21"	00°35'37"	1.383
09/09/2024 00:00:00	♁	19°51'44" ♉	22°20'58"	-00°42'14"	00°05'38"	4.999
09/09/2024 00:00:00	♃	15°57'55" ♋	-07°33'18"	-02°11'30"	-00°04'35"	8.658
09/09/2024 00:00:00	♅	27°14'01" ♊	19°16'57"	-00°15'54"	-00°00'22"	19.212

Ephemerides year 2024

09/09/2024 00:00:00	♁	28°50'39"	♅	-01°40'26"	-01°19'24"	-00°01'36"	28.912
09/09/2024 00:00:00	♁	29°53'25"	♅	-23°21'42"	-03°15'50"	-00°00'51"	34.399
09/09/2024 00:00:00	♁	06°43'24"	♅	02°40'09"	00°00'00"	00°01'27"	0.002
09/09/2024 00:00:00	♁	22°42'56"	♅	09°51'53"	01°06'30"	-00°02'05"	17.810
09/09/2024 00:00:00	♁	07°55'54"	♅	-03°10'46"	-00°02'09"	00°06'38"	0.003
09/09/2024 00:00:00	T♁	06°43'24"	♅	02°40'09"	00°00'00"	00°01'27"	0.002
09/09/2024 00:00:00	T♁	16°41'43"	♅	-07°24'26"	-00°54'56"	01°08'45"	0.003
09/09/2024 00:00:00	X	25°17'38"	♅	-00°22'56"	-10°54'14"	-00°00'27"	94.866
09/09/2024 00:00:00	Y	01°11'37"	♅	08°43'51"	-11°54'15"	-00°00'05"	83.103
10/09/2024 00:00:00	♁	17°47'05"	♅	04°49'39"	-00°00'00"	00°58'19"	1.007
10/09/2024 00:00:00	♁	03°21'21"	♅	-25°09'02"	04°24'30"	12°17'16"	0.003
10/09/2024 00:00:00	♁	01°01'44"	♅	12°05'44"	01°03'22"	01°28'05"	1.064
10/09/2024 00:00:00	♁	14°00'08"	♅	-04°52'24"	00°42'16"	01°13'20"	1.475
10/09/2024 00:00:00	♁	03°05'42"	♅	23°28'40"	00°04'31"	00°35'27"	1.377
10/09/2024 00:00:00	♁	19°57'18"	♅	22°21'21"	-00°42'15"	00°05'28"	4.984
10/09/2024 00:00:00	♁	15°53'19"	♅	-07°35'08"	-02°11'33"	-00°04'35"	8.659
10/09/2024 00:00:00	♁	27°13'37"	♅	19°16'51"	-00°15'55"	-00°00'25"	19.196
10/09/2024 00:00:00	♁	28°49'02"	♅	-01°41'06"	-01°19'25"	-00°01'37"	28.908
10/09/2024 00:00:00	♁	29°52'34"	♅	-23°21'54"	-03°15'51"	-00°00'50"	34.412

Ephemerides year 2024

10/09/2024 00:00:00	♏	06°44'37" ♀	02°40'38"	00°00'00"	00°00'56"	0.002
10/09/2024 00:00:00	♋	22°40'50" ♀	09°51'03"	01°06'28"	-00°02'07"	17.800
10/09/2024 00:00:00	♏	08°02'33" ♀	-03°14'12"	-00°03'02"	00°06'38"	0.003
10/09/2024 00:00:00	♏	06°44'37" ♀	02°40'38"	00°00'00"	00°00'56"	0.002
10/09/2024 00:00:00	♏	17°33'20" ♀	-07°48'28"	-00°59'32"	00°32'12"	0.003
10/09/2024 00:00:00	X	25°17'10" ♀	-00°23'08"	-10°54'16"	-00°00'27"	94.856
10/09/2024 00:00:00	Y	01°11'31" ♀	08°43'42"	-11°54'23"	-00°00'06"	83.086
11/09/2024 00:00:00	♏	18°45'25" ♀	04°26'52"	-00°00'00"	00°58'20"	1.007
11/09/2024 00:00:00	♏	15°47'37" ♀	-27°34'51"	-04°55'42"	12°35'57"	0.003
11/09/2024 00:00:00	♏	02°32'08" ♀	11°42'04"	01°12'41"	01°32'37"	1.091
11/09/2024 00:00:00	♏	15°13'29" ♀	-05°22'58"	00°39'52"	01°13'19"	1.470
11/09/2024 00:00:00	♏	03°41'05" ♀	23°28'56"	00°05'42"	00°35'18"	1.371
11/09/2024 00:00:00	♏	20°02'41" ♀	22°21'44"	-00°42'17"	00°05'18"	4.969
11/09/2024 00:00:00	♏	15°48'44" ♀	-07°36'58"	-02°11'36"	-00°04'35"	8.659
11/09/2024 00:00:00	♏	27°13'11" ♀	19°16'45"	-00°15'55"	-00°00'28"	19.180
11/09/2024 00:00:00	♏	28°47'24" ♀	-01°41'45"	-01°19'26"	-00°01'37"	28.906
11/09/2024 00:00:00	♏	29°51'44" ♀	-23°22'06"	-03°15'52"	-00°00'49"	34.426
11/09/2024 00:00:00	♏	06°45'12" ♀	02°40'51"	00°00'00"	00°00'11"	0.002
11/09/2024 00:00:00	♏	22°38'41" ♀	09°50'14"	01°06'26"	-00°02'09"	17.790

Ephemerides year 2024

11/09/2024 00:00:00	☾	08°09'11" ♀	-03°17'38"	-00°03'55"	00°06'38"	0.003
11/09/2024 00:00:00	♁	06°45'12" ♀	02°40'51"	00°00'00"	00°00'11"	0.002
11/09/2024 00:00:00	♁	17°41'57" ♀	-07°52'26"	-01°00'16"	-00°16'44"	0.003
11/09/2024 00:00:00	X	25°16'42" ♀	-00°23'20"	-10°54'19"	-00°00'28"	94.846
11/09/2024 00:00:00	Υ	01°11'25" ♀	08°43'32"	-11°54'31"	-00°00'06"	83.070
12/09/2024 00:00:00	☉	19°43'46" ♀	04°03'59"	-00°00'00"	00°58'22"	1.006
12/09/2024 00:00:00	☾	28°34'39" ♀	-28°39'11"	-05°13'21"	12°58'46"	0.003
12/09/2024 00:00:00	♀	04°06'47" ♀	11°15'24"	01°20'55"	01°36'36"	1.116
12/09/2024 00:00:00	♀	16°26'48" ♀	-05°53'25"	00°37'25"	01°13'18"	1.465
12/09/2024 00:00:00	♂	04°16'18" ♀	23°29'04"	00°06'54"	00°35'08"	1.364
12/09/2024 00:00:00	♂	20°07'55" ♀	22°22'05"	-00°42'19"	00°05'08"	4.953
12/09/2024 00:00:00	♃	15°44'09" ♀	-07°38'47"	-02°11'38"	-00°04'34"	8.660
12/09/2024 00:00:00	♃	27°12'41" ♀	19°16'38"	-00°15'55"	-00°00'31"	19.164
12/09/2024 00:00:00	♃	28°45'47" ♀	-01°42'25"	-01°19'27"	-00°01'37"	28.903
12/09/2024 00:00:00	♃	29°50'56" ♀	-23°22'17"	-03°15'53"	-00°00'47"	34.440
12/09/2024 00:00:00	♁	06°45'00" ♀	02°40'47"	00°00'00"	-00°00'35"	0.002
12/09/2024 00:00:00	♂	22°36'31" ♀	09°49'23"	01°06'23"	-00°02'11"	17.780
12/09/2024 00:00:00	☾	08°15'50" ♀	-03°21'04"	-00°04'48"	00°06'38"	0.003
12/09/2024 00:00:00	♁	06°45'00" ♀	02°40'47"	00°00'00"	-00°00'35"	0.002

Ephemerides year 2024

12/09/2024 00:00:00	T♄	16°57'34" ♈	-07°31'44"	-00°56'15"	-01°12'20"	0.003
12/09/2024 00:00:00	X	25°16'14" ♏	-00°23'32"	-10°54'21"	-00°00'28"	94.836
12/09/2024 00:00:00	Y	01°11'17" ♏	08°43'23"	-11°54'39"	-00°00'07"	83.053
13/09/2024 00:00:00	☉	20°42'09" ♏	03°41'03"	-00°00'00"	00°58'23"	1.006
13/09/2024 00:00:00	☾	11°46'14" ♏	-28°09'05"	0-05°15'19"	13°24'48"	0.003
13/09/2024 00:00:00	♁	05°45'09" ♏	10°45'56"	01°28'02"	01°40'02"	1.141
13/09/2024 00:00:00	♂	17°40'06" ♈	-06°23'45"	00°34'55"	01°13'17"	1.459
13/09/2024 00:00:00	♂	04°51'21" ♎	23°29'04"	00°08'06"	00°34'58"	1.358
13/09/2024 00:00:00	♃	20°12'59" ♏	22°22'26"	-00°42'21"	00°04'58"	4.938
13/09/2024 00:00:00	♅	15°39'34" ♏	-07°40'35"	-02°11'40"	-00°04'34"	8.661
13/09/2024 00:00:00	♁	27°12'09" ♏	19°16'30"	-00°15'55"	-00°00'33"	19.149
13/09/2024 00:00:00	♁	28°44'09" ♏	-01°43'05"	-01°19'28"	-00°01'38"	28.901
13/09/2024 00:00:00	♁	29°50'09" ♏	-23°22'28"	-03°15'53"	-00°00'46"	34.454
13/09/2024 00:00:00	♁	06°44'03" ♏	02°40'24"	00°00'00"	-00°01'15"	0.002
13/09/2024 00:00:00	♁	22°34'19" ♏	09°48'31"	01°06'21"	-00°02'13"	17.771
13/09/2024 00:00:00	♁	08°22'29" ♈	-03°24'30"	-00°05'41"	00°06'38"	0.003
13/09/2024 00:00:00	T♁	06°44'03" ♏	02°40'24"	00°00'00"	-00°01'15"	0.002
13/09/2024 00:00:00	T♄	15°18'43" ♈	-06°45'26"	-00°47'20"	-02°03'28"	0.003
13/09/2024 00:00:00	X	25°15'45" ♏	-00°23'44"	-10°54'23"	-00°00'28"	94.826



Ephemerides year 2024

13/09/2024 00:00:00	Y	01°11'09" ♀	08°43'14"	-11°54'47"	-00°00'08"	83.037
14/09/2024 00:00:00	☉	21°40'34" ♍	03°18'03"	-00°00'00"	00°58'25"	1.006
14/09/2024 00:00:00	☾	25°24'51" ♎	-25°58'02"	04°59'56"	13°52'31"	0.003
14/09/2024 00:00:00	♀	07°26'41" ♍	10°13'53"	01°34'06"	01°42'56"	1.165
14/09/2024 00:00:00	♀	18°53'23" ♋	-06°53'57"	00°32'23"	01°13'16"	1.454
14/09/2024 00:00:00	♂	05°26'14" ♎	23°28'55"	00°09'19"	00°34'47"	1.352
14/09/2024 00:00:00	♃	20°17'52" ♉	22°22'45"	-00°42'22"	00°04'48"	4.923
14/09/2024 00:00:00	♅	15°35'01" ♋	-07°42'23"	-02°11'42"	-00°04'33"	8.663
14/09/2024 00:00:00	♁	27°11'33" ♉	19°16'22"	-00°15'56"	-00°00'36"	19.133
14/09/2024 00:00:00	♃	28°42'30" ♋	-01°43'45"	-01°19'29"	-00°01'38"	28.899
14/09/2024 00:00:00	♁	29°49'23" ♎	-23°22'38"	-03°15'54"	-00°00'44"	34.468
14/09/2024 00:00:00	♁	06°42'33" ♉	02°39'49"	00°00'00"	-00°01'41"	0.002
14/09/2024 00:00:00	♁	22°32'05" ♉	09°47'39"	01°06'19"	-00°02'15"	17.762
14/09/2024 00:00:00	♁	08°29'07" ♋	-03°27'56"	-00°06'34"	00°06'38"	0.003
14/09/2024 00:00:00	T♁	06°42'33" ♉	02°39'49"	00°00'00"	-00°01'41"	0.002
14/09/2024 00:00:00	T♁	12°56'43" ♋	-05°38'30"	-00°34'29"	-02°36'28"	0.003
14/09/2024 00:00:00	X	25°15'16" ♉	-00°23'56"	-10°54'25"	-00°00'29"	94.817
14/09/2024 00:00:00	Y	01°11'01" ♀	08°43'04"	-11°54'55"	-00°00'09"	83.021
15/09/2024 00:00:00	☉	22°39'00" ♍	02°55'00"	-00°00'00"	00°58'26"	1.006

Ephemerides year 2024

15/09/2024 00:00:00	♃	09°31'07" ♁	-22°08'34"	-04°26'16"	14°19'41"	0.002
15/09/2024 00:00:00	♆	09°10'53" ♃	09°39'27"	01°39'07"	01°45'20"	1.188
15/09/2024 00:00:00	♀	20°06'39" ♁	-07°24'02"	00°29'48"	01°13'15"	1.449
15/09/2024 00:00:00	♂	06°00'57" ♃	23°28'39" ♁	00°10'32"	00°34'37"	1.346
15/09/2024 00:00:00	♂	20°22'35" ♁	22°23'04"	-00°42'24"	00°04'37"	4.908
15/09/2024 00:00:00	♃	15°30'28" ♃	-07°44'11"	-02°11'44"	-00°04'32"	8.665
15/09/2024 00:00:00	♃	27°10'55" ♃	19°16'13"	-00°15'56"	-00°00'39"	19.118
15/09/2024 00:00:00	♃	28°40'52" ♃	-01°44'25"	-01°19'30"	-00°01'38"	28.897
15/09/2024 00:00:00	♃	29°48'39" ♃	-23°22'48"	-03°15'55"	-00°00'43"	34.482
15/09/2024 00:00:00	♁	06°40'48" ♃	02°39'07"	00°00'00"	-00°01'46"	0.002
15/09/2024 00:00:00	♃	22°29'49" ♃	09°46'46"	01°06'16"	-00°02'16"	17.753
15/09/2024 00:00:00	♁	08°35'46" ♁	-03°31'21"	-00°07'27"	00°06'38"	0.003
15/09/2024 00:00:00	♁	06°40'48" ♃	02°39'07"	00°00'00"	-00°01'46"	0.002
15/09/2024 00:00:00	♁	10°14'46" ♃	-04°21'36"	-00°19'45"	-02°42'54"	0.003
15/09/2024 00:00:00	X	25°14'46" ♃	-00°24'08"	-10°54'27"	-00°00'29"	94.808
15/09/2024 00:00:00	Y	01°10'51" ♁	08°42'54"	-11°55'03"	-00°00'09"	83.004
16/09/2024 00:00:00	♃	23°37'28" ♃	02°31'53"	-00°00'00"	00°58'28"	1.005
16/09/2024 00:00:00	♃	24°03'08" ♁	-16°52'39"	-03°34'45"	14°43'33"	0.002
16/09/2024 00:00:00	♆	10°57'14" ♃	09°02'53"	01°43'08"	01°47'17"	1.210

Ephemerides year 2024

16/09/2024 00:00:00	♀	21°19'53" ♈	-07°53'57"	00°27'11"	01°13'13"	1.444
16/09/2024 00:00:00	♂	06°35'29" ♉	23°28'14" ♁	00°11'47"	00°34'27"	1.339
16/09/2024 00:00:00	♃	20°27'08" ♊	22°23'22"	-00°42'26"	00°04'27"	4.892
16/09/2024 00:00:00	♄	15°25'56" ♋	-07°45'58"	-02°11'45"	-00°04'31"	8.667
16/09/2024 00:00:00	♅	27°10'14" ♌	19°16'03"	-00°15'56"	-00°00'42"	19.103
16/09/2024 00:00:00	♆	28°39'13" ♍	-01°45'05"	-01°19'30"	-00°01'39"	28.896
16/09/2024 00:00:00	♇	29°47'56" ♎	-23°22'58"	-03°15'55"	-00°00'42"	34.496
16/09/2024 00:00:00	♈	06°39'07" ♏	02°38'27"	00°00'00"	-00°01'32"	0.002
16/09/2024 00:00:00	♉	22°27'31" ♐	09°45'52"	01°06'14"	-00°02'18"	17.745
16/09/2024 00:00:00	♊	08°42'25" ♑	-03°34'47"	-00°08'20"	00°06'38"	0.003
16/09/2024 00:00:00	♋	06°39'07" ♒	02°38'27"	00°00'00"	-00°01'32"	0.002
16/09/2024 00:00:00	♌	07°38'33" ♓	-03°06'59"	-00°05'29"	-02°26'47"	0.003
16/09/2024 00:00:00	X	25°14'16" ♏	-00°24'20"	-10°54'28"	-00°00'30"	94.799
16/09/2024 00:00:00	Y	01°10'41" ♐	08°42'45"	-11°55'11"	-00°00'10"	82.988
17/09/2024 00:00:00	♁	24°35'57" ♑	02°08'43"	-00°00'00"	00°58'30"	1.005
17/09/2024 00:00:00	♂	08°56'12" ♋	-10°29'55"	-02°27'37"	15°01'21"	0.002
17/09/2024 00:00:00	♄	12°45'19" ♌	08°24'24"	01°46'11"	01°48'48"	1.231
17/09/2024 00:00:00	♀	22°33'07" ♈	-08°23'42"	00°24'32"	01°13'12"	1.439
17/09/2024 00:00:00	♂	07°09'51" ♉	23°27'42" ♁	00°13'02"	00°34'16"	1.333

Ephemerides year 2024

17/09/2024 00:00:00	♃	20°31'30" ♀	22°23'39"	-00°42'28"	00°04'16"	4.877
17/09/2024 00:00:00	♃	15°21'25" ♀	-07°47'44"	-02°11'46"	-00°04'30"	8.670
17/09/2024 00:00:00	♃	27°09'29" ♀	19°15'53"	-00°15'56"	-00°00'45"	19.087
17/09/2024 00:00:00	♃	28°37'33" ♀	-01°45'45"	-01°19'31"	-00°01'39"	28.895
17/09/2024 00:00:00	♃	29°47'15" ♀	-23°23'07"	-03°15'55"	-00°00'40"	34.511
17/09/2024 00:00:00	♃	06°37'47" ♀	02°37'56"	00°00'00"	-00°01'03"	0.002
17/09/2024 00:00:00	♃	22°25'11" ♀	09°44'58"	01°06'11"	-00°02'20"	17.737
17/09/2024 00:00:00	♃	08°49'03" ♀	-03°38'13"	-00°09'13"	00°06'38"	0.003
17/09/2024 00:00:00	♃	06°37'47" ♀	02°37'56"	00°00'00"	-00°01'03"	0.002
17/09/2024 00:00:00	♃	05°23'48" ♀	-02°02'21"	00°06'50"	-02°02'51"	0.003
17/09/2024 00:00:00	X	25°13'46" ♀	-00°24'33"	-10°54'30"	-00°00'30"	94.790
17/09/2024 00:00:00	Y	01°10'30" ♀	08°42'35"	-11°55'19"	-00°00'11"	82.972
18/09/2024 00:00:00	♃	25°34'28" ♀	01°45'31"	00°00'00"	00°58'31"	1.005
18/09/2024 00:00:00	♃	24°03'03" ♀	-03°25'17"	-01°09'11"	15°10'47"	0.002
18/09/2024 00:00:00	♃	14°34'43" ♀	07°44'14"	01°48'21"	01°49'56"	1.250
18/09/2024 00:00:00	♃	23°46'19" ♀	-08°53'17"	00°21'50"	01°13'11"	1.434
18/09/2024 00:00:00	♃	07°44'02" ♀	23°27'02"	00°14'17"	00°34'05"	1.327
18/09/2024 00:00:00	♃	20°35'41" ♀	22°23'55"	-00°42'29"	00°04'05"	4.862
18/09/2024 00:00:00	♃	15°16'55" ♀	-07°49'29"	-02°11'46"	-00°04'28"	8.672

Ephemerides year 2024

18/09/2024 00:00:00	♃	27°08'42" ♂	19°15'42"	-00°15'56"	-00°00'48"	19.072
18/09/2024 00:00:00	♃	28°35'54" ♀	-01°46'25"	-01°19'32"	-00°01'39"	28.894
18/09/2024 00:00:00	♃	29°46'35" ♀	-23°23'16"	-03°15'56"	-00°00'39"	34.526
18/09/2024 00:00:00	♃	06°37'01" ♀	02°37'37"	00°00'00"	-00°00'28"	0.002
18/09/2024 00:00:00	♃	22°22'50" ♀	09°44'03"	01°06'08"	-00°02'22"	17.729
18/09/2024 00:00:00	♃	08°55'42" ♀	-03°41'39"	-00°10'06"	00°06'38"	0.003
18/09/2024 00:00:00	♃	06°37'01" ♀	02°37'37"	00°00'00"	-00°00'28"	0.002
18/09/2024 00:00:00	♃	03°30'00" ♀	-01°07'37"	00°17'17"	-01°47'08"	0.003
18/09/2024 00:00:00	X	25°13'15" ♀	-00°24'45"	-10°54'31"	-00°00'30"	94.782
18/09/2024 00:00:00	Y	01°10'19" ♀	08°42'25"	-11°55'27"	-00°00'12"	82.956
19/09/2024 00:00:00	♃	26°33'01" ♀	01°22'17"	00°00'00"	00°58'33"	1.005
19/09/2024 00:00:00	♃	09°14'37" ♀	03°53'13"	00°14'36"	15°10'44"	0.002
19/09/2024 00:00:00	♃	16°25'05" ♀	07°02'36"	01°49'39"	01°50'44"	1.269
19/09/2024 00:00:00	♃	24°59'30" ♀	-09°22'41"	00°19'06"	01°13'10"	1.428
19/09/2024 00:00:00	♃	08°18'03" ♀	23°26'15"	00°15'33"	00°33'55"	1.320
19/09/2024 00:00:00	♃	20°39'42" ♀	22°24'10"	-00°42'31"	00°03'55"	4.847
19/09/2024 00:00:00	♃	15°12'27" ♀	-07°51'13"	-02°11'47"	-00°04'27"	8.675
19/09/2024 00:00:00	♃	27°07'52" ♂	19°15'30"	-00°15'57"	-00°00'51"	19.058
19/09/2024 00:00:00	♃	28°34'14" ♀	-01°47'05"	-01°19'32"	-00°01'39"	28.893

Ephemerides year 2024

19/09/2024 00:00:00	♁	29°45'56" ♁	-23°23'25"	-03°15'56"	-00°00'37"	34.541
19/09/2024 00:00:00	♁	06°36'50" ♁	02°37'33"	00°00'00"	00°00'05"	0.002
19/09/2024 00:00:00	♁	22°20'27" ♁	09°43'07"	01°06'06"	-00°02'23"	17.721
19/09/2024 00:00:00	♁	09°02'20" ♁	-03°45'04"	-00°10'59"	00°06'38"	0.003
19/09/2024 00:00:00	♁	06°36'50" ♁	02°37'33"	00°00'00"	00°00'05"	0.002
19/09/2024 00:00:00	♁	01°43'41" ♁	-00°16'22"	00°27'06"	-01°48'30"	0.003
19/09/2024 00:00:00	X	25°12'44" ♁	-00°24'57"	-10°54'33"	-00°00'31"	94.774
19/09/2024 00:00:00	Y	01°10'06" ♁	08°42'15"	-11°55'35"	-00°00'12"	82.941
20/09/2024 00:00:00	♁	27°31'36" ♁	00°59'00"	00°00'00"	00°58'36"	1.004
20/09/2024 00:00:00	♁	24°21'25" ♁	10°56'41"	01°36'58"	15°01'25"	0.002
20/09/2024 00:00:00	♁	18°16'05" ♁	06°19'42"	01°50'09"	01°51'14"	1.286
20/09/2024 00:00:00	♁	26°12'40" ♁	-09°51'53"	00°16'20"	01°13'09"	1.423
20/09/2024 00:00:00	♁	08°51'52" ♁	23°25'21"	00°16'50"	00°33'44"	1.314
20/09/2024 00:00:00	♁	20°43'31" ♁	22°24'24"	-00°42'33"	00°03'44"	4.832
20/09/2024 00:00:00	♁	15°08'01" ♁	-07°52'57"	-02°11'47"	-00°04'25"	8.679
20/09/2024 00:00:00	♁	27°06'59" ♁	19°15'18"	-00°15'57"	-00°00'54"	19.043
20/09/2024 00:00:00	♁	28°32'35" ♁	-01°47'45"	-01°19'33"	-00°01'39"	28.893
20/09/2024 00:00:00	♁	29°45'19" ♁	-23°23'33"	-03°15'56"	-00°00'36"	34.556
20/09/2024 00:00:00	♁	06°37'09" ♁	02°37'40"	00°00'00"	00°00'29"	0.002

Ephemerides year 2024

20/09/2024 00:00:00	♄	22°18'02" ♏	09°42'10"	01°06'03"	-00°02'25"	17.714
20/09/2024 00:00:00	♁	09°08'59" ♉	-03°48'30"	-00°11'52"	00°06'38"	0.003
20/09/2024 00:00:00	♁	06°37'09" ♏	02°37'40"	00°00'00"	00°00'29"	0.002
20/09/2024 00:00:00	♁	29°47'58" ♏	00°39'28"	00°37'48"	-02°04'38"	0.003
20/09/2024 00:00:00	X	25°12'13" ♏	-00°25'09"	-10°54'34"	-00°00'31"	94.766
20/09/2024 00:00:00	Y	01°09'53" ♏	08°42'05"	-11°55'43"	-00°00'13"	82.925
21/09/2024 00:00:00	♁	28°30'13" ♏	00°35'42"	00°00'00"	00°58'38"	1.004
21/09/2024 00:00:00	♁	09°14'54" ♏	17°17'04"	02°51'33"	14°44'26"	0.002
21/09/2024 00:00:00	♁	20°07'28" ♏	05°35'45"	01°49'54"	01°51'28"	1.301
21/09/2024 00:00:00	♁	27°25'49" ♉	-10°20'52"	00°13'32"	01°13'08"	1.418
21/09/2024 00:00:00	♁	09°25'31" ♏	23°24'19"	00°18'08"	00°33'33"	1.307
21/09/2024 00:00:00	♁	20°47'10" ♏	22°24'38"	-00°42'34"	00°03'33"	4.817
21/09/2024 00:00:00	♁	15°03'36" ♏	-07°54'39"	-02°11'47"	-00°04'23"	8.682
21/09/2024 00:00:00	♁	27°06'03" ♏	19°15'05"	-00°15'57"	-00°00'57"	19.028
21/09/2024 00:00:00	♁	28°30'55" ♏	-01°48'25"	-01°19'33"	-00°01'39"	28.893
21/09/2024 00:00:00	♁	29°44'43" ♏	-23°23'41"	-03°15'57"	-00°00'34"	34.571
21/09/2024 00:00:00	♁	06°37'45" ♏	02°37'54"	00°00'00"	00°00'40"	0.002
21/09/2024 00:00:00	♁	22°15'36" ♏	09°41'13"	01°06'00"	-00°02'26"	17.707
21/09/2024 00:00:00	♁	09°15'38" ♉	-03°51'56"	-00°12'45"	00°06'38"	0.003

Ephemerides year 2024

21/09/2024 00:00:00	T♁	06°37'45" ♀	02°37'54"	00°00'00"	00°00'40"	0.002
21/09/2024 00:00:00	T♄	27°33'43" ♃	01°44'13"	00°50'11"	-02°22'40"	0.003
21/09/2024 00:00:00	X	25°11'41" ♀	-00°25'22"	-10°54'35"	-00°00'31"	94.758
21/09/2024 00:00:00	Y	01°09'40" ♃	08°41'55"	-11°55'50"	-00°00'13"	82.910
22/09/2024 00:00:00	☉	29°28'52" ♃	00°12'23"	00°00'00"	00°58'40"	1.004
22/09/2024 00:00:00	☾	23°48'32" ♋	22°29'17"	03°53'17"	14°22'09"	0.002
22/09/2024 00:00:00	☿	21°58'58" ♃	04°50'55"	01°48'58"	01°51'29"	1.316
22/09/2024 00:00:00	♀	28°38'57" ♋	-10°49'38"	00°10'42"	01°13'07"	1.412
22/09/2024 00:00:00	♂	09°58'59" ♋	23°23'10"	00°19'26"	00°33'21"	1.301
22/09/2024 00:00:00	♂	20°50'39" ♃	22°24'50"	-00°42'36"	00°03'22"	4.802
22/09/2024 00:00:00	♃	14°59'13" ♃	-07°56'21"	-02°11'46"	-00°04'22"	8.686
22/09/2024 00:00:00	♃	27°05'05" ♋	19°14'51"	-00°15'57"	-00°00'59"	19.014
22/09/2024 00:00:00	♃	28°29'15" ♃	-01°49'05"	-01°19'34"	-00°01'39"	28.894
22/09/2024 00:00:00	♃	29°44'09" ♃	-23°23'48"	-03°15'57"	-00°00'33"	34.587
22/09/2024 00:00:00	♁	06°38'25" ♀	02°38'10"	00°00'00"	00°00'38"	0.002
22/09/2024 00:00:00	♃	22°13'08" ♀	09°40'15"	01°05'57"	-00°02'28"	17.700
22/09/2024 00:00:00	♃	09°22'16" ♋	-03°55'21"	-00°13'38"	00°06'38"	0.003
22/09/2024 00:00:00	T♁	06°38'25" ♀	02°38'10"	00°00'00"	00°00'38"	0.002
22/09/2024 00:00:00	T♄	25°08'01" ♃	02°54'21"	01°03'32"	-02°24'42"	0.003



Ephemerides year 2024

22/09/2024 00:00:00	X	25°11'09" ♀	-00°25'34"	-10°54'36"	-00°00'31"	94.751
22/09/2024 00:00:00	Y	01°09'25" ♀	08°41'45"	-11°55'58"	-00°00'14"	82.894
23/09/2024 00:00:00	☉	00°27'34" ♀	-00°10'57"	00°00'00"	00°58'42"	1.003
23/09/2024 00:00:00	☾	07°58'19" ♀	26°13'26" ♀	04°38'56"	13°57'12"	0.002
23/09/2024 00:00:00	♁	23°50'24" ♀	04°05'22"	01°47'23"	01°51'20"	1.329
23/09/2024 00:00:00	♂	29°52'04" ♀	-11°18'10"	00°07'50"	01°13'06"	1.407
23/09/2024 00:00:00	♄	10°32'15" ♀	23°21'55"	00°20'45"	00°33'10"	1.294
23/09/2024 00:00:00	♃	20°53'56" ♀	22°25'02"	-00°42'38"	00°03'11"	4.786
23/09/2024 00:00:00	♅	14°54'52" ♀	-07°58'01"	-02°11'46"	-00°04'19"	8.691
23/09/2024 00:00:00	♆	27°04'04" ♀	19°14'37"	-00°15'57"	-00°01'02"	19.000
23/09/2024 00:00:00	♁	28°27'36" ♀	-01°49'45"	-01°19'34"	-00°01'39"	28.894
23/09/2024 00:00:00	♂	29°43'37" ♀	-23°23'55"	-03°15'57"	-00°00'31"	34.602
23/09/2024 00:00:00	♁	06°38'58" ♀	02°38'24"	00°00'00"	00°00'26"	0.002
23/09/2024 00:00:00	♂	22°10'39" ♀	09°39'16"	01°05'54"	-00°02'29"	17.693
23/09/2024 00:00:00	♁	09°28'55" ♀	-03°58'47"	-00°14'31"	00°06'38"	0.003
23/09/2024 00:00:00	T♁	06°38'58" ♀	02°38'24"	00°00'00"	00°00'26"	0.002
23/09/2024 00:00:00	T♂	22°53'54" ♀	03°58'40"	01°15'43"	-01°58'29"	0.003
23/09/2024 00:00:00	X	25°10'37" ♀	-00°25'46"	-10°54'37"	-00°00'32"	94.744
23/09/2024 00:00:00	Y	01°09'11" ♀	08°41'34"	-11°56'05"	-00°00'15"	82.879

Ephemerides year 2024

24/09/2024 00:00:00	☉	01°26'18" ♈	-00°34'18"	00°00'00"	00°58'45"	1.003
24/09/2024 00:00:00	☾	21°42'50" ♍	28°17'12" ♁	05°07'03"	13°31'56"	0.003
24/09/2024 00:00:00	♃	25°41'35" ♎	03°19'16"	01°45'13"	01°51'00"	1.342
24/09/2024 00:00:00	♄	01°05'10" ♏	-11°46'27"	00°04'57"	01°13'05"	1.402
24/09/2024 00:00:00	♅	11°05'19" ♐	23°20'33"	00°22'05"	00°32'58"	1.287
24/09/2024 00:00:00	♆	20°57'02" ♑	22°25'13"	-00°42'39"	00°03'00"	4.771
24/09/2024 00:00:00	♇	14°50'33" ♒	-07°59'41"	-02°11'45"	-00°04'17"	8.695
24/09/2024 00:00:00	♈	27°03'00" ♓	19°14'22"	-00°15'57"	-00°01'05"	18.986
24/09/2024 00:00:00	♉	28°25'57" ♈	-01°50'25"	-01°19'34"	-00°01'39"	28.895
24/09/2024 00:00:00	♊	29°43'06" ♉	-23°24'02"	-03°15'57"	-00°00'29"	34.618
24/09/2024 00:00:00	♋	06°39'18" ♊	02°38'31"	00°00'00"	00°00'11"	0.002
24/09/2024 00:00:00	♌	22°08'09" ♋	09°38'17"	01°05'51"	-00°02'31"	17.687
24/09/2024 00:00:00	♍	09°35'34" ♌	-04°02'12"	-00°15'24"	00°06'38"	0.003
24/09/2024 00:00:00	♎	06°39'18" ♌	02°38'31"	00°00'00"	00°00'11"	0.002
24/09/2024 00:00:00	♏	21°20'02" ♍	04°43'31"	01°24'10"	-01°05'40"	0.003
24/09/2024 00:00:00	X	25°10'05" ♎	-00°25'59"	-10°54'38"	-00°00'32"	94.737
24/09/2024 00:00:00	Y	01°08'55" ♏	08°41'24"	-11°56'13"	-00°00'15"	82.864
25/09/2024 00:00:00	☉	02°25'04" ♈	-00°57'40"	00°00'00"	00°58'47"	1.003
25/09/2024 00:00:00	☾	05°02'42" ♉	28°37'55" ♁	05°17'37"	13°08'09"	0.003

Ephemerides year 2024

25/09/2024 00:00:00	♀	27°32'23" ♍	02°32'45"	01°42'30"	01°50'34"	1.353
25/09/2024 00:00:00	♀	02°18'15" ♍	-12°14'28"	00°02'02"	01°13'04"	1.396
25/09/2024 00:00:00	♂	11°38'11" ☾	23°19'05"	00°23'26"	00°32'46"	1.281
25/09/2024 00:00:00	♃	20°59'57" ♀	22°25'23"	-00°42'41"	00°02'49"	4.756
25/09/2024 00:00:00	♃	14°46'16" ♃	-08°01'19"	-02°11'44"	-00°04'15"	8.700
25/09/2024 00:00:00	♃	27°01'54" ♃	19°14'07"	-00°15'58"	-00°01'07"	18.972
25/09/2024 00:00:00	♃	28°24'17" ♃	-01°51'04"	-01°19'34"	-00°01'39"	28.897
25/09/2024 00:00:00	♃	29°42'37" ♃	-23°24'08"	-03°15'57"	-00°00'28"	34.634
25/09/2024 00:00:00	♃	06°39'22" ♃	02°38'33"	00°00'00"	-00°00'02"	0.002
25/09/2024 00:00:00	♃	22°05'37" ♃	09°37'18"	01°05'48"	-00°02'32"	17.681
25/09/2024 00:00:00	♃	09°42'13" ♃	-04°05'38"	-00°16'17"	00°06'38"	0.003
25/09/2024 00:00:00	T♃	06°39'22" ♃	02°38'33"	00°00'00"	-00°00'02"	0.002
25/09/2024 00:00:00	T♃	20°47'09" ♍	04°59'11"	01°27'07"	00°00'52"	0.003
25/09/2024 00:00:00	X	25°09'32" ♃	-00°26'11"	-10°54'39"	-00°00'32"	94.730
25/09/2024 00:00:00	Y	01°08'39" ♃	08°41'14"	-11°56'20"	-00°00'16"	82.849
26/09/2024 00:00:00	☉	03°23'53" ♃	-01°21'02"	00°00'00"	00°58'49"	1.003
26/09/2024 00:00:00	☾	18°00'03" ☾	27°22'23" ☉	05°11'34"	12°47'02"	0.003
26/09/2024 00:00:00	♀	29°22'41" ♍	01°45'57"	01°39'18"	01°50'01"	1.363
26/09/2024 00:00:00	♀	03°31'19" ♍	-12°42'14"	-00°00'54"	01°13'03"	1.391

Ephemerides year 2024

26/09/2024 00:00:00	♂	12°10'52" ♉	23°17'31"	00°24'47"	00°32'33"	1.274
26/09/2024 00:00:00	♃	21°02'40" ♉	22°25'33"	-00°42'43"	00°02'37"	4.742
26/09/2024 00:00:00	♅	14°42'02" ♋	-08°02'56"	-02°11'42"	-00°04'13"	8.705
26/09/2024 00:00:00	♁	27°00'44" ♋	19°13'51"	-00°15'58"	-00°01'10"	18.958
26/09/2024 00:00:00	♃	28°22'38" ♋	-01°51'44"	-01°19'35"	-00°01'39"	28.898
26/09/2024 00:00:00	♁	29°42'10" ♋	-23°24'14"	-03°15'57"	-00°00'26"	34.650
26/09/2024 00:00:00	♁	06°39'14" ♋	02°38'30"	00°00'00"	-00°00'11"	0.002
26/09/2024 00:00:00	♁	22°03'04" ♋	09°36'18"	01°05'45"	-00°02'33"	17.675
26/09/2024 00:00:00	♁	09°48'51" ♋	-04°09'03"	-00°17'10"	00°06'38"	0.003
26/09/2024 00:00:00	♁	06°39'14" ♋	02°38'30"	00°00'00"	-00°00'11"	0.002
26/09/2024 00:00:00	♁	21°21'26" ♋	04°42'50"	01°24'02"	01°06'32"	0.003
26/09/2024 00:00:00	X	25°08'59" ♋	-00°26'23"	-10°54'40"	-00°00'33"	94.724
26/09/2024 00:00:00	Y	01°08'22" ♋	08°41'03"	-11°56'28"	-00°00'17"	82.834
27/09/2024 00:00:00	♁	04°22'43" ♋	-01°44'24"	00°00'00"	00°58'51"	1.002
27/09/2024 00:00:00	♁	00°37'52" ♋	24°44'17" ♁	04°50'27"	12°29'10"	0.003
27/09/2024 00:00:00	♁	01°12'24" ♋	00°58'57"	01°35'38"	01°49'23"	1.372
27/09/2024 00:00:00	♀	04°44'23" ♋	-13°09'42"	-00°03'52"	01°13'02"	1.385
27/09/2024 00:00:00	♂	12°43'19" ♉	23°15'50"	00°26'09"	00°32'21"	1.267
27/09/2024 00:00:00	♃	21°05'12" ♉	22°25'41"	-00°42'44"	00°02'26"	4.727

Ephemerides year 2024

27/09/2024 00:00:00	♃	14°37'50" ♋	-08°04'32"	-02°11'40"	-00°04'10"	8.711
27/09/2024 00:00:00	♅	26°59'32" ♊	19°13'34"	-00°15'58"	-00°01'13"	18.944
27/09/2024 00:00:00	♆	28°20'59" ♋	-01°52'24"	-01°19'35"	-00°01'38"	28.900
27/09/2024 00:00:00	♁	29°41'43" ♉	-23°24'19"	-03°15'57"	-00°00'25"	34.666
27/09/2024 00:00:00	♄	06°39'01" ♈	02°38'25"	00°00'00"	-00°00'13"	0.002
27/09/2024 00:00:00	♂	22°00'29" ♈	09°35'17"	01°05'41"	-00°02'34"	17.670
27/09/2024 00:00:00	♁	09°55'30" ♉	-04°12'29"	-00°18'03"	00°06'38"	0.003
27/09/2024 00:00:00	♄	06°39'01" ♈	02°38'25"	00°00'00"	-00°00'13"	0.002
27/09/2024 00:00:00	♁	22°56'33" ♉	03°57'25"	01°15'30"	02°01'21"	0.003
27/09/2024 00:00:00	X	25°08'26" ♈	-00°26'35"	-10°54'40"	-00°00'33"	94.718
27/09/2024 00:00:00	Y	01°08'05" ♉	08°40'53"	-11°56'35"	-00°00'17"	82.819
28/09/2024 00:00:00	♁	05°21'36" ♉	-02°07'45"	00°00'00"	00°58'53"	1.002
28/09/2024 00:00:00	♃	12°59'33" ♊	21°00'17"	04°16'11"	12°14'45"	0.003
28/09/2024 00:00:00	♁	03°01'26" ♉	00°11'53"	01°31'34"	01°48'41"	1.381
28/09/2024 00:00:00	♆	05°57'25" ♋	-13°36'52"	-00°06'51"	01°13'01"	1.380
28/09/2024 00:00:00	♂	13°15'34" ♊	23°14'04"	00°27'31"	00°32'08"	1.261
28/09/2024 00:00:00	♁	21°07'32" ♉	22°25'49"	-00°42'46"	00°02'14"	4.712
28/09/2024 00:00:00	♃	14°33'41" ♋	-08°06'07"	-02°11'38"	-00°04'07"	8.716
28/09/2024 00:00:00	♅	26°58'17" ♊	19°13'17"	-00°15'58"	-00°01'16"	18.931

Ephemerides year 2024

28/09/2024 00:00:00	♁	28°19'20"	♈	-01°53'03"	-01°19'35"	-00°01'38"	28.902
28/09/2024 00:00:00	♁	29°41'19"	♏	-23°24'25"	-03°15'56"	-00°00'23"	34.682
28/09/2024 00:00:00	♁	06°38'50"	♈	02°38'20"	00°00'00"	-00°00'09"	0.002
28/09/2024 00:00:00	♁	21°57'54"	♈	09°34'16"	01°05'38"	-00°02'36"	17.665
28/09/2024 00:00:00	♁	10°02'09"	♁	-04°15'54"	-00°18'56"	00°06'38"	0.003
28/09/2024 00:00:00	T♁	06°38'50"	♈	02°38'20"	00°00'00"	-00°00'09"	0.002
28/09/2024 00:00:00	T♁	25°19'01"	♏	02°49'07"	01°02'35"	02°40'52"	0.003
28/09/2024 00:00:00	X	25°07'53"	♈	-00°26'48"	-10°54'41"	-00°00'33"	94.712
28/09/2024 00:00:00	Y	01°07'47"	♈	08°40'42"	-11°56'42"	-00°00'18"	82.805
29/09/2024 00:00:00	♁	06°20'31"	♁	-02°31'05"	00°00'00"	00°58'56"	1.002
29/09/2024 00:00:00	♁	25°08'29"	♏	16°26'58"	03°30'54"	12°03'39"	0.003
29/09/2024 00:00:00	♁	04°49'46"	♁	-00°35'09"	01°27'07"	01°47'56"	1.388
29/09/2024 00:00:00	♁	07°10'26"	♏	-14°03'44"	-00°09'51"	01°13'00"	1.374
29/09/2024 00:00:00	♁	13°47'36"	♁	23°12'13"	00°28'55"	00°31'55"	1.254
29/09/2024 00:00:00	♁	21°09'41"	♈	22°25'56"	-00°42'47"	00°02'02"	4.697
29/09/2024 00:00:00	♁	14°29'34"	♈	-08°07'40"	-02°11'36"	-00°04'05"	8.722
29/09/2024 00:00:00	♁	26°57'00"	♏	19°12'59"	-00°15'58"	-00°01'18"	18.918
29/09/2024 00:00:00	♁	28°17'42"	♈	-01°53'42"	-01°19'35"	-00°01'38"	28.905
29/09/2024 00:00:00	♁	29°40'56"	♏	-23°24'29"	-03°15'56"	-00°00'22"	34.699

Ephemerides year 2024

29/09/2024 00:00:00	♁	06°38'44" ♀	02°38'18"	00°00'00"	-00°00'02"	0.002
29/09/2024 00:00:00	♂	21°55'17" ♀	09°33'14"	01°05'34"	-00°02'37"	17.660
29/09/2024 00:00:00	♁	10°08'47" ♀	-04°19'19"	-00°19'49"	00°06'38"	0.003
29/09/2024 00:00:00	♁	06°38'44" ♀	02°38'18"	00°00'00"	-00°00'02"	0.002
29/09/2024 00:00:00	♁	28°12'59" ♀	01°25'25"	00°46'42"	03°04'30"	0.003
29/09/2024 00:00:00	X	25°07'19" ♀	-00°27'00"	-10°54'41"	-00°00'33"	94.706
29/09/2024 00:00:00	Y	01°07'28" ♀	08°40'32"	-11°56'49"	-00°00'19"	82.791
30/09/2024 00:00:00	♁	07°19'28" ♀	-02°54'24"	00°00'00"	00°58'58"	1.002
30/09/2024 00:00:00	♁	07°07'53" ♀	11°19'08"	02°36'52"	11°55'36"	0.003
30/09/2024 00:00:00	♁	06°37'19" ♀	-01°22'06"	01°22'20"	01°47'09"	1.394
30/09/2024 00:00:00	♁	08°23'26" ♀	-14°30'16"	-00°12'52"	01°12'59"	1.369
30/09/2024 00:00:00	♁	14°19'24" ♀	23°10'16"	00°30'19"	00°31'41"	1.247
30/09/2024 00:00:00	♁	21°11'38" ♀	22°26'02"	-00°42'49"	00°01'51"	4.682
30/09/2024 00:00:00	♁	14°25'31" ♀	-08°09'12"	-02°11'34"	-00°04'02"	8.729
30/09/2024 00:00:00	♁	26°55'40" ♀	19°12'41"	-00°15'58"	-00°01'21"	18.905
30/09/2024 00:00:00	♁	28°16'03" ♀	-01°54'21"	-01°19'35"	-00°01'38"	28.908
30/09/2024 00:00:00	♁	29°40'35" ♀	-23°24'34"	-03°15'56"	-00°00'20"	34.715
30/09/2024 00:00:00	♁	06°38'45" ♀	02°38'18"	00°00'00"	00°00'04"	0.002
30/09/2024 00:00:00	♁	21°52'40" ♀	09°32'12"	01°05'31"	-00°02'38"	17.656

Ephemerides year 2024

30/09/2024 00:00:00	☾	10°15'26" ♈	-04°22'44"	-00°20'42"	00°06'38"	0.003
30/09/2024 00:00:00	♁	06°38'45" ♏	02°38'18"	00°00'00"	00°00'04"	0.002
30/09/2024 00:00:00	♁	01°23'24" ♈	-00°06'23"	00°29'11"	03°14'21"	0.003
30/09/2024 00:00:00	X	25°06'45" ♏	-00°27'12"	-10°54'41"	-00°00'34"	94.701
30/09/2024 00:00:00	Y	01°07'08" ♏	08°40'21"	-11°56'56"	-00°00'19"	82.776
01/10/2024 00:00:00	☉	08°18'28" ♈	-03°17'41"	00°00'00"	00°59'00"	1.001
01/10/2024 00:00:00	☾	19°00'38" ♏	05°49'42"	01°36'31"	11°50'18"	0.003
01/10/2024 00:00:00	♀	08°24'05" ♈	-02°08'54"	01°17'15"	01°46'21"	1.400
01/10/2024 00:00:00	♀	09°36'25" ♏	-14°56'29"	-00°15'55"	01°12'58"	1.363
01/10/2024 00:00:00	♂	14°50'59" ♎	23°08'14"	00°31'44"	00°31'28"	1.240
01/10/2024 00:00:00	♃	21°13'23" ♏	22°26'08"	-00°42'50"	00°01'39"	4.668
01/10/2024 00:00:00	♃	14°21'30" ♏	-08°10'43"	-02°11'31"	-00°03'59"	8.735
01/10/2024 00:00:00	♃	26°54'17" ♏	19°12'22"	-00°15'58"	-00°01'24"	18.892
01/10/2024 00:00:00	♃	28°14'25" ♏	-01°55'00"	-01°19'35"	-00°01'37"	28.911
01/10/2024 00:00:00	♃	29°40'15" ♏	-23°24'38"	-03°15'56"	-00°00'18"	34.732
01/10/2024 00:00:00	♁	06°38'51" ♏	02°38'21"	00°00'00"	00°00'07"	0.002
01/10/2024 00:00:00	♃	21°50'01" ♏	09°31'09"	01°05'27"	-00°02'39"	17.651
01/10/2024 00:00:00	☾	10°22'05" ♈	-04°26'10"	-00°21'35"	00°06'38"	0.003
01/10/2024 00:00:00	♁	06°38'51" ♏	02°38'21"	00°00'00"	00°00'07"	0.002



Ephemerides year 2024

01/10/2024 00:00:00	T♄	04°38'32" ♈	-01°40'27"	00°11'09"	03°14'49"	0.003
01/10/2024 00:00:00	X	25°06'11" ♏	-00°27'24"	-10°54'41"	-00°00'34"	94.696
01/10/2024 00:00:00	Y	01°06'48" ♏	08°40'11"	-11°57'03"	-00°00'20"	82.762
02/10/2024 00:00:00	☉	09°17'29" ♈	-03°40'55"	00°00'00"	00°59'02"	1.001
02/10/2024 00:00:00	☾	00°49'20" ♈	00°10'03"	00°32'20"	11°47'28"	0.003
02/10/2024 00:00:00	♀	10°10'02" ♈	-02°55'27"	01°11'53"	01°45'32"	1.405
02/10/2024 00:00:00	♀	10°49'23" ♎	-15°22'20"	-00°18'58"	01°12'57"	1.357
02/10/2024 00:00:00	♂	15°22'20" ♎	23°06'07"	00°33'10"	00°31'14"	1.234
02/10/2024 00:00:00	♃	21°14'56" ♏	22°26'12"	-00°42'52"	00°01'27"	4.653
02/10/2024 00:00:00	♅	14°17'33" ♏	-08°12'12"	-02°11'28"	-00°03'55"	8.742
02/10/2024 00:00:00	♁	26°52'52" ♏	19°12'02"	-00°15'59"	-00°01'26"	18.879
02/10/2024 00:00:00	♃	28°12'47" ♏	-01°55'39"	-01°19'35"	-00°01'37"	28.914
02/10/2024 00:00:00	♁	29°39'57" ♏	-23°24'41"	-03°15'56"	-00°00'17"	34.749
02/10/2024 00:00:00	♁	06°38'58" ♏	02°38'23"	00°00'00"	00°00'04"	0.002
02/10/2024 00:00:00	♁	21°47'21" ♏	09°30'06"	01°05'24"	-00°02'40"	17.647
02/10/2024 00:00:00	♁	10°28'43" ♈	-04°29'35"	-00°22'28"	00°06'38"	0.003
02/10/2024 00:00:00	T♁	06°38'58" ♏	02°38'23"	00°00'00"	00°00'04"	0.002
02/10/2024 00:00:00	T♄	07°51'53" ♈	-03°13'25"	-00°06'45"	03°11'48"	0.003
02/10/2024 00:00:00	X	25°05'36" ♏	-00°27'36"	-10°54'41"	-00°00'34"	94.691

Ephemerides year 2024

02/10/2024 00:00:00	Y	01°06'27" ♀	08°40'00"	-11°57'10"	-00°00'21"	82.748
03/10/2024 00:00:00	☉	10°16'33" ♁	-04°04'08"	00°00'00"	00°59'04"	1.001
03/10/2024 00:00:00	☾	12°36'21" ♁	-05°29'14"	-00°33'03"	11°46'55"	0.003
03/10/2024 00:00:00	♀	11°55'09" ♁	-03°41'43"	01°06'16"	01°44'42"	1.409
03/10/2024 00:00:00	♀	12°02'20" ♀	-15°47'50"	-00°22'01"	01°12'56"	1.352
03/10/2024 00:00:00	♂	15°53'27" ♃	23°03'56"	00°34'36"	00°30'59"	1.227
03/10/2024 00:00:00	♃	21°16'17" ♀	22°26'16"	-00°42'53"	00°01'15"	4.639
03/10/2024 00:00:00	♅	14°13'39" ♃	-08°13'39"	-02°11'25"	-00°03'52"	8.749
03/10/2024 00:00:00	♁	26°51'24" ♂	19°11'42"	-00°15'59"	-00°01'29"	18.867
03/10/2024 00:00:00	♃	28°11'10" ♃	-01°56'18"	-01°19'35"	-00°01'37"	28.918
03/10/2024 00:00:00	♁	29°39'40" ♂	-23°24'44"	-03°15'55"	-00°00'15"	34.766
03/10/2024 00:00:00	♁	06°38'57" ♂	02°38'23"	00°00'00"	-00°00'05"	0.002
03/10/2024 00:00:00	♁	21°44'41" ♂	09°29'02"	01°05'20"	-00°02'40"	17.644
03/10/2024 00:00:00	♀	10°35'22" ♁	-04°33'00"	-00°23'21"	00°06'38"	0.003
03/10/2024 00:00:00	♁	06°38'57" ♂	02°38'23"	00°00'00"	-00°00'05"	0.002
03/10/2024 00:00:00	♁	11°02'46" ♁	-04°44'43"	-00°24'25"	03°10'30"	0.003
03/10/2024 00:00:00	X	25°05'01" ♂	-00°27'48"	-10°54'41"	-00°00'34"	94.687
03/10/2024 00:00:00	Y	01°06'06" ♀	08°39'49"	-11°57'17"	-00°00'21"	82.735
04/10/2024 00:00:00	☉	11°15'38" ♁	-04°27'17"	-00°00'00"	00°59'06"	1.000

Ephemerides year 2024

04/10/2024 00:00:00	♃	24°23'54"	♈	-10°57'41"	-01°37'04"	11°48'34"	0.003
04/10/2024 00:00:00	♆	13°39'27"	♈	-04°27'38"	01°00'26"	01°43'52"	1.412
04/10/2024 00:00:00	♀	13°15'16"	♍	-16°12'57"	-00°25'06"	01°12'55"	1.346
04/10/2024 00:00:00	♂	16°24'20"	♉	23°01'40"	00°36'04"	00°30'45"	1.220
04/10/2024 00:00:00	♃	21°17'27"	♈	22°26'19"	-00°42'55"	00°01'03"	4.624
04/10/2024 00:00:00	♄	14°09'48"	♈	-08°15'05"	-02°11'21"	-00°03'48"	8.757
04/10/2024 00:00:00	♁	26°49'54"	♈	19°11'21"	-00°15'59"	-00°01'31"	18.855
04/10/2024 00:00:00	♆	28°09'33"	♈	-01°56'56"	-01°19'35"	-00°01'36"	28.922
04/10/2024 00:00:00	♁	29°39'26"	♈	-23°24'47"	-03°15'55"	-00°00'13"	34.783
04/10/2024 00:00:00	♁	06°38'44"	♈	02°38'18"	00°00'00"	-00°00'21"	0.002
04/10/2024 00:00:00	♁	21°42'00"	♈	09°27'59"	01°05'16"	-00°02'41"	17.640
04/10/2024 00:00:00	♁	10°42'00"	♈	-04°36'25"	-00°24'14"	00°06'38"	0.003
04/10/2024 00:00:00	♁	06°38'44"	♈	02°38'18"	00°00'00"	-00°00'21"	0.002
04/10/2024 00:00:00	♁	14°14'02"	♈	-06°15'31"	-00°42'02"	03°12'25"	0.003
04/10/2024 00:00:00	X	25°04'27"	♈	-00°28'01"	-10°54'41"	-00°00'34"	94.683
04/10/2024 00:00:00	Y	01°05'44"	♈	08°39'39"	-11°57'23"	-00°00'22"	82.721
05/10/2024 00:00:00	♁	12°14'46"	♈	-04°50'23"	-00°00'00"	00°59'08"	1.000
05/10/2024 00:00:00	♃	06°14'15"	♈	-16°04'11"	-02°37'07"	11°52'30"	0.003
05/10/2024 00:00:00	♆	15°22'55"	♈	-05°13'11"	00°54'24"	01°43'03"	1.415

Ephemerides year 2024

05/10/2024 00:00:00	♀	14°28'10" ♍	-16°37'41"	-00°28'10"	01°12'53"	1.340
05/10/2024 00:00:00	♂	16°54'58" ♉	22°59'20"	00°37'32"	00°30'30"	1.213
05/10/2024 00:00:00	♃	21°18'24" ♉	22°26'22"	-00°42'56"	00°00'51"	4.610
05/10/2024 00:00:00	♅	14°06'01" ♃	-08°16'29"	-02°11'17"	-00°03'45"	8.764
05/10/2024 00:00:00	♁	26°48'21" ♉	19°10'59"	-00°15'59"	-00°01'33"	18.843
05/10/2024 00:00:00	♃	28°07'57" ♃	-01°57'34"	-01°19'35"	-00°01'35"	28.926
05/10/2024 00:00:00	♁	29°39'13" ♉	-23°24'50"	-03°15'54"	-00°00'12"	34.800
05/10/2024 00:00:00	♁	06°38'14" ♉	02°38'06"	00°00'00"	-00°00'39"	0.002
05/10/2024 00:00:00	♃	21°39'18" ♉	09°26'54"	01°05'13"	-00°02'42"	17.637
05/10/2024 00:00:00	♁	10°48'39" ♉	-04°39'50"	-00°25'07"	00°06'38"	0.003
05/10/2024 00:00:00	♁	06°38'14" ♉	02°38'06"	00°00'00"	-00°00'39"	0.002
05/10/2024 00:00:00	♁	17°27'39" ♉	-07°46'30"	-00°59'46"	03°14'20"	0.003
05/10/2024 00:00:00	X	25°03'52" ♉	-00°28'13"	-10°54'40"	-00°00'35"	94.679
05/10/2024 00:00:00	Y	01°05'21" ♉	08°39'28"	-11°57'30"	-00°00'22"	82.708
06/10/2024 00:00:00	♁	13°13'55" ♉	-05°13'26"	-00°00'00"	00°59'10"	1.000
06/10/2024 00:00:00	♃	18°09'46" ♃	-20°36'37"	-03°30'45"	11°58'56"	0.003
06/10/2024 00:00:00	♁	17°05'34" ♉	-05°58'17"	00°48'12"	01°42'13"	1.417
06/10/2024 00:00:00	♀	15°41'04" ♍	-17°02'01"	-00°31'15"	01°12'52"	1.334
06/10/2024 00:00:00	♂	17°25'22" ♉	22°56'56"	00°39'01"	00°30'15"	1.206

Ephemerides year 2024

06/10/2024 00:00:00	♃	21°19'10" ♀	22°26'23"	-00°42'57"	00°00'39"	4.596
06/10/2024 00:00:00	♅	14°02'18" ♀	-08°17'52"	-02°11'14"	-00°03'41"	8.772
06/10/2024 00:00:00	♁	26°46'46" ♂	19°10'37"	-00°15'59"	-00°01'36"	18.831
06/10/2024 00:00:00	♆	28°06'21" ♀	-01°58'12"	-01°19'34"	-00°01'35"	28.931
06/10/2024 00:00:00	♁	29°39'01" ♂	-23°24'52"	-03°15'54"	-00°00'10"	34.817
06/10/2024 00:00:00	♄	06°37'26" ♂	02°37'47"	00°00'00"	-00°00'55"	0.002
06/10/2024 00:00:00	♅	21°36'35" ♂	09°25'50"	01°05'09"	-00°02'42"	17.635
06/10/2024 00:00:00	♁	10°55'17" ♀	-04°43'14"	-00°26'00"	00°06'38"	0.003
06/10/2024 00:00:00	♄♁	06°37'26" ♂	02°37'47"	00°00'00"	-00°00'55"	0.002
06/10/2024 00:00:00	♄♁	20°40'47" ♀	-09°16'05"	-01°17'16"	03°10'27"	0.003
06/10/2024 00:00:00	X	25°03'16" ♂	-00°28'25"	-10°54'40"	-00°00'35"	94.675
06/10/2024 00:00:00	Y	01°04'58" ♀	08°39'17"	-11°57'36"	-00°00'23"	82.695
07/10/2024 00:00:00	♁	14°13'07" ♀	-05°36'24"	-00°00'00"	00°59'12"	0.999
07/10/2024 00:00:00	♃	00°13'04" ♂	-24°21'28"	-04°15'37"	12°08'08"	0.003
07/10/2024 00:00:00	♁	18°47'23" ♀	-06°42'55"	00°41'51"	01°41'25"	1.418
07/10/2024 00:00:00	♁	16°53'55" ♀	-17°25'57"	-00°34'21"	01°12'51"	1.329
07/10/2024 00:00:00	♂	17°55'30" ♀	22°54'28"	00°40'31"	00°30'00"	1.199
07/10/2024 00:00:00	♃	21°19'44" ♀	22°26'24"	-00°42'59"	00°00'27"	4.582
07/10/2024 00:00:00	♅	13°58'38" ♀	-08°19'13"	-02°11'09"	-00°03'37"	8.780

Ephemerides year 2024

07/10/2024 00:00:00	♃	26°45'09"	♎	19°10'15"	-00°15'59"	-00°01'38"	18.819
07/10/2024 00:00:00	♃	28°04'46"	♎	-01°58'50"	-01°19'34"	-00°01'34"	28.935
07/10/2024 00:00:00	♃	29°38'52"	♎	-23°24'53"	-03°15'54"	-00°00'08"	34.834
07/10/2024 00:00:00	♎	06°36'26"	♎	02°37'23"	00°00'00"	-00°01'04"	0.002
07/10/2024 00:00:00	♃	21°33'52"	♎	09°24'45"	01°05'05"	-00°02'43"	17.632
07/10/2024 00:00:00	♃	11°01'56"	♎	-04°46'39"	-00°26'52"	00°06'38"	0.003
07/10/2024 00:00:00	♎	06°36'26"	♎	02°37'23"	00°00'00"	-00°01'04"	0.002
07/10/2024 00:00:00	♃	23°44'47"	♎	-10°40'07"	-01°33'43"	02°55'17"	0.003
07/10/2024 00:00:00	X	25°02'41"	♎	-00°28'36"	-10°54'39"	-00°00'35"	94.672
07/10/2024 00:00:00	Y	01°04'35"	♎	08°39'06"	-11°57'43"	-00°00'23"	82.682
08/10/2024 00:00:00	♃	15°12'20"	♎	-05°59'18"	-00°00'00"	00°59'14"	0.999
08/10/2024 00:00:00	♃	12°27'04"	♎	-27°04'17"	-04°49'34"	12°20'24"	0.003
08/10/2024 00:00:00	♃	20°28'24"	♎	-07°27'03"	00°35'23"	01°40'37"	1.418
08/10/2024 00:00:00	♃	18°06'46"	♎	-17°49'27"	-00°37'26"	01°12'49"	1.323
08/10/2024 00:00:00	♃	18°25'23"	♎	22°51'57"	00°42'02"	00°29'45"	1.192
08/10/2024 00:00:00	♃	21°20'05"	♎	22°26'24"	-00°43'00"	00°00'15"	4.568
08/10/2024 00:00:00	♃	13°55'03"	♎	-08°20'32"	-02°11'05"	-00°03'33"	8.789
08/10/2024 00:00:00	♃	26°43'29"	♎	19°09'51"	-00°15'59"	-00°01'40"	18.808
08/10/2024 00:00:00	♃	28°03'12"	♎	-01°59'27"	-01°19'34"	-00°01'34"	28.941

Ephemerides year 2024

08/10/2024 00:00:00	♁	29°38'44" ♏	-23°24'54"	-03°15'53"	-00°00'06"	34.851
08/10/2024 00:00:00	♁	06°35'21" ♏	02°36'58"	00°00'00"	-00°01'03"	0.002
08/10/2024 00:00:00	♁	21°31'09" ♏	09°23'40"	01°05'01"	-00°02'43"	17.630
08/10/2024 00:00:00	♁	11°08'35" ♁	-04°50'04"	-00°27'45"	00°06'38"	0.003
08/10/2024 00:00:00	♁	06°35'21" ♏	02°36'58"	00°00'00"	-00°01'03"	0.002
08/10/2024 00:00:00	♁	26°26'23" ♁	-11°52'41"	-01°47'58"	02°25'14"	0.003
08/10/2024 00:00:00	X	25°02'06" ♏	-00°28'48"	-10°54'39"	-00°00'35"	94.669
08/10/2024 00:00:00	Y	01°04'11" ♀	08°38'56"	-11°57'49"	-00°00'24"	82.669
09/10/2024 00:00:00	♁	16°11'35" ♁	-06°22'08"	-00°00'00"	00°59'16"	0.999
09/10/2024 00:00:00	♁	24°54'59" ♁	-28°30'51"	-05°10'38"	12°35'59"	0.003
09/10/2024 00:00:00	♁	22°08'38" ♁	-08°10'39"	00°28'47"	01°39'50"	1.418
09/10/2024 00:00:00	♁	19°19'35" ♁	-18°12'30"	-00°40'31"	01°12'48"	1.317
09/10/2024 00:00:00	♁	18°55'01" ♁	22°49'22"	00°43'34"	00°29'29"	1.185
09/10/2024 00:00:00	♁	21°20'15" ♁	22°26'24"	-00°43'01"	00°00'03"	4.554
09/10/2024 00:00:00	♁	13°51'32" ♁	-08°21'49"	-02°11'00"	-00°03'29"	8.798
09/10/2024 00:00:00	♁	26°41'47" ♁	19°09'28"	-00°15'59"	-00°01'42"	18.797
09/10/2024 00:00:00	♁	28°01'38" ♁	-02°00'04"	-01°19'33"	-00°01'33"	28.946
09/10/2024 00:00:00	♁	29°38'38" ♏	-23°24'55"	-03°15'53"	-00°00'05"	34.869
09/10/2024 00:00:00	♁	06°34'24" ♏	02°36'35"	00°00'00"	-00°00'49"	0.002

Ephemerides year 2024

09/10/2024 00:00:00	♄	21°28'25" ♏	09°22'35"	01°04'57"	-00°02'43"	17.628
09/10/2024 00:00:00	♁	11°15'14" ♋	-04°53'29"	-00°28'38"	00°06'38"	0.003
09/10/2024 00:00:00	♁♁	06°34'24" ♏	02°36'35"	00°00'00"	-00°00'49"	0.002
09/10/2024 00:00:00	♁♁	28°29'54" ♋	-12°47'18"	-01°58'42"	01°39'09"	0.003
09/10/2024 00:00:00	X	25°01'31" ♏	-00°29'00"	-10°54'38"	-00°00'35"	94.666
09/10/2024 00:00:00	Y	01°03'46" ♏	08°38'45"	-11°57'55"	-00°00'24"	82.657
10/10/2024 00:00:00	♁	17°10'52" ♋	-06°44'52"	-00°00'00"	00°59'17"	0.999
10/10/2024 00:00:00	♁	07°40'10" ♋	-28°29'31"	-05°17'04"	12°54'54"	0.003
10/10/2024 00:00:00	♁	23°48'06" ♋	-08°53'41"	00°22'07"	01°39'04"	1.418
10/10/2024 00:00:00	♁	20°32'23" ♋	-18°35'07"	-00°43'36"	01°12'46"	1.311
10/10/2024 00:00:00	♁	19°24'22" ♋	22°46'44"	00°45'07"	00°29'13"	1.178
10/10/2024 00:00:00	♁	21°20'12" ♏	22°26'23"	-00°43'02"	-00°00'08"	4.540
10/10/2024 00:00:00	♁	13°48'04" ♏	-08°23'04"	-02°10'55"	-00°03'24"	8.807
10/10/2024 00:00:00	♁	26°40'03" ♏	19°09'04"	-00°15'59"	-00°01'45"	18.786
10/10/2024 00:00:00	♁	28°00'05" ♏	-02°00'40"	-01°19'33"	-00°01'32"	28.952
10/10/2024 00:00:00	♁	29°38'34" ♋	-23°24'55"	-03°15'52"	-00°00'03"	34.886
10/10/2024 00:00:00	♁	06°33'46" ♏	02°36'20"	00°00'00"	-00°00'24"	0.002
10/10/2024 00:00:00	♁	21°25'41" ♏	09°21'29"	01°04'53"	-00°02'44"	17.627
10/10/2024 00:00:00	♁	11°21'52" ♋	-04°56'54"	-00°29'31"	00°06'38"	0.003



Ephemerides year 2024

10/10/2024 00:00:00	T♄	06°33'46" ♏	02°36'20"	00°00'00"	-00°00'24"	0.002
10/10/2024 00:00:00	T♄	29°39'55" ♏	-13°17'54"	-02°04'44"	00°38'54"	0.003
10/10/2024 00:00:00	X	25°00'55" ♏	-00°29'12"	-10°54'37"	-00°00'35"	94.664
10/10/2024 00:00:00	Y	01°03'21" ♏	08°38'34"	-11°58'01"	-00°00'25"	82.645
11/10/2024 00:00:00	☉	18°10'11" ♏	-07°07'31"	-00°00'00"	00°59'19"	0.998
11/10/2024 00:00:00	☾	20°45'51" ♏	-26°53'52"	-05°07'29"	13°16'55"	0.003
11/10/2024 00:00:00	☿	25°26'47" ♏	-09°36'07"	00°15'21"	01°38'19"	1.417
11/10/2024 00:00:00	♀	21°45'09" ♏	-18°57'16"	-00°46'41"	01°12'45"	1.305
11/10/2024 00:00:00	♂	19°53'28" ♏	22°44'04"	00°46'41"	00°28'57"	1.171
11/10/2024 00:00:00	♃	21°19'58" ♏	22°26'21"	-00°43'03"	-00°00'20"	4.527
11/10/2024 00:00:00	♅	13°44'42" ♏	-08°24'18"	-02°10'50"	-00°03'20"	8.816
11/10/2024 00:00:00	♁	26°38'17" ♏	19°08'39"	-00°15'59"	-00°01'47"	18.775
11/10/2024 00:00:00	♂	27°58'33" ♏	-02°01'16"	-01°19'32"	-00°01'31"	28.958
11/10/2024 00:00:00	♁	29°38'31" ♏	-23°24'55"	-03°15'51"	-00°00'01"	34.903
11/10/2024 00:00:00	♁	06°33'37" ♏	02°36'16"	00°00'00"	00°00'07"	0.002
11/10/2024 00:00:00	♁	21°22'57" ♏	09°20'24"	01°04'48"	-00°02'44"	17.625
11/10/2024 00:00:00	♁	11°28'31" ♏	-05°00'18"	-00°30'24"	00°06'38"	0.003
11/10/2024 00:00:00	T♄	06°33'37" ♏	02°36'16"	00°00'00"	00°00'07"	0.002
11/10/2024 00:00:00	T♄	29°45'06" ♏	-13°20'09"	-02°05'11"	-00°28'57"	0.003

Ephemerides year 2024

11/10/2024 00:00:00	X	25°00'20" ♄	-00°29'23"	-10°54'36"	-00°00'35"	94.662
11/10/2024 00:00:00	Y	01°02'55" ♀	08°38'23"	-11°58'07"	-00°00'25"	82.633
12/10/2024 00:00:00	☉	19°09'32" ♄	-07°30'03"	-00°00'00"	00°59'21"	0.998
12/10/2024 00:00:00	☾	04°14'48" ♃	-23°44'30"	-04°41'00"	13°41'17"	0.003
12/10/2024 00:00:00	♀	27°04'44" ♄	-10°17'57"	00°08'32"	01°37'35"	1.415
12/10/2024 00:00:00	♀	22°57'53" ♃	-19°18'56"	-00°49'45"	01°12'43"	1.299
12/10/2024 00:00:00	♂	20°22'17" ♃	22°41'21"	00°48'16"	00°28'40"	1.164
12/10/2024 00:00:00	♃	21°19'31" ♀	22°26'18"	-00°43'04"	-00°00'32"	4.513
12/10/2024 00:00:00	♃	13°41'23" ♃	-08°25'30"	-02°10'45"	-00°03'16"	8.825
12/10/2024 00:00:00	♃	26°36'29" ♃	19°08'14"	-00°15'59"	-00°01'49"	18.765
12/10/2024 00:00:00	♃	27°57'02" ♃	-02°01'52"	-01°19'32"	-00°01'31"	28.964
12/10/2024 00:00:00	♃	29°38'30" ♃	-23°24'55"	-03°15'51"	-00°00'00"	34.921
12/10/2024 00:00:00	♃	06°34'00" ♄	02°36'26"	00°00'00"	00°00'38"	0.002
12/10/2024 00:00:00	♃	21°20'12" ♄	09°19'18"	01°04'44"	-00°02'44"	17.624
12/10/2024 00:00:00	♃	11°35'10" ♄	-05°03'43"	-00°31'17"	00°06'38"	0.003
12/10/2024 00:00:00	T♃	06°34'00" ♄	02°36'26"	00°00'00"	00°00'38"	0.002
12/10/2024 00:00:00	T♃	28°43'30" ♃	-12°53'16"	-01°59'54"	-01°32'11"	0.003
12/10/2024 00:00:00	X	24°59'44" ♄	-00°29'35"	-10°54'34"	-00°00'35"	94.660
12/10/2024 00:00:00	Y	01°02'29" ♀	08°38'13"	-11°58'13"	-00°00'26"	82.621

Ephemerides year 2024

13/10/2024 00:00:00	☉	20°08'54" ♈	-07°52'30"	-00°00'00"	00°59'23"	0.998
13/10/2024 00:00:00	☾	18°08'46" ♏	-19°09'15"	-03°57'31"	14°06'38"	0.002
13/10/2024 00:00:00	♀	28°41'58" ♈	-10°59'08"	00°01'41"	01°36'52"	1.413
13/10/2024 00:00:00	♀	24°10'36" ♎	-19°40'07"	-00°52'49"	01°12'41"	1.293
13/10/2024 00:00:00	♂	20°50'49" ♉	22°38'36"	00°49'52"	00°28'24"	1.157
13/10/2024 00:00:00	♃	21°18'52" ♊	22°26'15"	-00°43'04"	-00°00'44"	4.500
13/10/2024 00:00:00	♄	13°38'09" ♏	-08°26'39"	-02°10'39"	-00°03'11"	8.835
13/10/2024 00:00:00	♅	26°34'38" ♏	19°07'49"	-00°15'59"	-00°01'51"	18.755
13/10/2024 00:00:00	♆	27°55'31" ♏	-02°02'28"	-01°19'31"	-00°01'30"	28.971
13/10/2024 00:00:00	♁	29°38'31" ♏	-23°24'54"	-03°15'50"	00°00'01"	34.939
13/10/2024 00:00:00	♁	06°34'52" ♏	02°36'46"	00°00'00"	00°01'01"	0.002
13/10/2024 00:00:00	♂	21°17'27" ♏	09°18'12"	01°04'40"	-00°02'44"	17.624
13/10/2024 00:00:00	♁	11°41'49" ♈	-05°07'07"	-00°32'09"	00°06'38"	0.003
13/10/2024 00:00:00	♁	06°34'52" ♏	02°36'46"	00°00'00"	00°01'01"	0.002
13/10/2024 00:00:00	♁	26°47'25" ♏	-12°02'02"	-01°49'48"	-02°15'31"	0.003
13/10/2024 00:00:00	X	24°59'08" ♏	-00°29'46"	-10°54'33"	-00°00'35"	94.659
13/10/2024 00:00:00	Y	01°02'02" ♊	08°38'02"	-11°58'19"	-00°00'27"	82.609
14/10/2024 00:00:00	☉	21°08'18" ♈	-08°14'50"	-00°00'00"	00°59'24"	0.997
14/10/2024 00:00:00	☾	02°27'47" ♏	-13°22'01"	-02°58'12"	14°31'00"	0.002

Ephemerides year 2024

14/10/2024 00:00:00	♀	00°18'29" ♍	-11°39'39"	-00°05'11"	01°36'09"	1.410
14/10/2024 00:00:00	♀	25°23'16" ♍	-20°00'47"	-00°55'52"	01°12'39"	1.287
14/10/2024 00:00:00	♂	21°19'05" ♄	22°35'49"	00°51'29"	00°28'06"	1.150
14/10/2024 00:00:00	♃	21°18'02" ♀	22°26'11"	-00°43'05"	-00°00'56"	4.487
14/10/2024 00:00:00	♃	13°34'59" ♃	-08°27'47"	-02°10'34"	-00°03'07"	8.845
14/10/2024 00:00:00	♃	26°32'45" ♃	19°07'23"	-00°15'59"	-00°01'53"	18.745
14/10/2024 00:00:00	♃	27°54'01" ♃	-02°03'03"	-01°19'30"	-00°01'29"	28.978
14/10/2024 00:00:00	♃	29°38'33" ♃	-23°24'53"	-03°15'50"	00°00'03"	34.956
14/10/2024 00:00:00	♃	06°35'58" ♃	02°37'12"	00°00'00"	00°01'07"	0.002
14/10/2024 00:00:00	♃	21°14'43" ♃	09°17'06"	01°04'35"	-00°02'44"	17.624
14/10/2024 00:00:00	♃	11°48'27" ♃	-05°10'32"	-00°33'02"	00°06'38"	0.003
14/10/2024 00:00:00	T♃	06°35'58" ♃	02°37'12"	00°00'00"	00°01'07"	0.002
14/10/2024 00:00:00	T♃	24°22'24" ♃	-10°57'04"	-01°37'00"	-02°29'30"	0.003
14/10/2024 00:00:00	X	24°58'32" ♃	-00°29'57"	-10°54'31"	-00°00'35"	94.657
14/10/2024 00:00:00	Y	01°01'35" ♀	08°37'51"	-11°58'24"	-00°00'27"	82.598
15/10/2024 00:00:00	♃	22°07'43" ♃	-08°37'02"	-00°00'00"	00°59'26"	0.997
15/10/2024 00:00:00	♃	17°09'38" ♃	-06°41'39"	-01°45'46"	14°51'53"	0.002
15/10/2024 00:00:00	♀	01°54'18" ♍	-12°19'29"	-00°12'06"	01°35'28"	1.406
15/10/2024 00:00:00	♀	26°35'55" ♍	-20°20'57"	-00°58'54"	01°12'37"	1.281

Ephemerides year 2024

15/10/2024 00:00:00	♂	21°47'03" ♃	22°33'00"	00°53'06"	00°27'49"	1.143
15/10/2024 00:00:00	♃	21°16'59" ♃	22°26'06"	-00°43'06"	-00°01'08"	4.473
15/10/2024 00:00:00	♃	13°31'55" ♃	-08°28'53"	-02°10'28"	-00°03'02"	8.855
15/10/2024 00:00:00	♃	26°30'51" ♃	19°06'56"	-00°15'59"	-00°01'55"	18.735
15/10/2024 00:00:00	♃	27°52'32" ♃	-02°03'38"	-01°19'30"	-00°01'28"	28.985
15/10/2024 00:00:00	♃	29°38'38" ♃	-23°24'52"	-03°15'49"	00°00'04"	34.974
15/10/2024 00:00:00	♃	06°37'00" ♃	02°37'37"	00°00'00"	00°00'51"	0.002
15/10/2024 00:00:00	♃	21°11'58" ♃	09°16'00"	01°04'31"	-00°02'44"	17.624
15/10/2024 00:00:00	♃	11°55'06" ♃	-05°13'56"	-00°33'55"	00°06'38"	0.003
15/10/2024 00:00:00	♃	06°37'00" ♃	02°37'37"	00°00'00"	00°00'51"	0.002
15/10/2024 00:00:00	♃	21°56'51" ♃	-09°50'52"	-01°23'58"	-02°18'34"	0.003
15/10/2024 00:00:00	X	24°57'56" ♃	-00°30'08"	-10°54'30"	-00°00'36"	94.656
15/10/2024 00:00:00	Y	01°01'07" ♃	08°37'41"	-11°58'30"	-00°00'28"	82.587
16/10/2024 00:00:00	♃	23°07'11" ♃	-08°59'07"	00°00'00"	00°59'28"	0.997
16/10/2024 00:00:00	♃	02°09'30" ♃	00°28'48"	-00°24'43"	15°06'34"	0.002
16/10/2024 00:00:00	♃	03°29'27" ♃	-12°58'37"	-00°19'00"	01°34'48"	1.403
16/10/2024 00:00:00	♃	27°48'32" ♃	-20°40'36"	-01°01'55"	01°12'36"	1.275
16/10/2024 00:00:00	♃	22°14'44" ♃	22°30'10"	00°54'45"	00°27'32"	1.135
16/10/2024 00:00:00	♃	21°15'44" ♃	22°26'01"	-00°43'06"	-00°01'20"	4.460

Ephemerides year 2024

16/10/2024 00:00:00	♃	13°28'54" ♋	-08°29'57"	-02°10'21"	-00°02'57"	8.866
16/10/2024 00:00:00	♅	26°28'54" ♄	19°06'29"	-00°15'59"	-00°01'57"	18.726
16/10/2024 00:00:00	♆	27°51'04" ♋	-02°04'12"	-01°19'29"	-00°01'27"	28.992
16/10/2024 00:00:00	♁	29°38'43" ♉	-23°24'50"	-03°15'48"	00°00'06"	34.992
16/10/2024 00:00:00	♄	06°37'34" ♋	02°37'50"	00°00'00"	00°00'14"	0.002
16/10/2024 00:00:00	♂	21°09'13" ♋	09°14'54"	01°04'26"	-00°02'44"	17.624
16/10/2024 00:00:00	♁	12°01'45" ♉	-05°17'21"	-00°34'48"	00°06'38"	0.003
16/10/2024 00:00:00	♄♁	06°37'34" ♋	02°37'50"	00°00'00"	00°00'14"	0.002
16/10/2024 00:00:00	♄♁	19°48'10" ♋	-08°51'38"	-01°12'20"	-01°58'55"	0.003
16/10/2024 00:00:00	X	24°57'20" ♋	-00°30'20"	-10°54'28"	-00°00'36"	94.656
16/10/2024 00:00:00	Y	01°00'38" ♋	08°37'30"	-11°58'35"	-00°00'28"	82.576
17/10/2024 00:00:00	♁	24°06'40" ♉	-09°21'05"	00°00'00"	00°59'30"	0.997
17/10/2024 00:00:00	♃	17°19'58" ♋	07°42'46"	00°58'55"	15°12'48"	0.002
17/10/2024 00:00:00	♁	05°03'56" ♉	-13°37'01"	-00°25'54"	01°34'09"	1.398
17/10/2024 00:00:00	♁	29°01'07" ♉	-20°59'42"	-01°04'56"	01°12'34"	1.269
17/10/2024 00:00:00	♂	22°42'07" ♉	22°27'18"	00°56'25"	00°27'14"	1.128
17/10/2024 00:00:00	♁	21°14'17" ♋	22°25'55"	-00°43'07"	-00°01'32"	4.448
17/10/2024 00:00:00	♃	13°25'59" ♋	-08°30'58"	-02°10'15"	-00°02'52"	8.876
17/10/2024 00:00:00	♅	26°26'55" ♄	19°06'01"	-00°15'59"	-00°01'59"	18.717

Ephemerides year 2024

17/10/2024 00:00:00	♁	27°49'36"	♅	-02°04'46"	-01°19'28"	-00°01'26"	29.000
17/10/2024 00:00:00	♁	29°38'51"	♁	-23°24'48"	-03°15'48"	00°00'08"	35.009
17/10/2024 00:00:00	♁	06°37'23"	♅	02°37'46"	00°00'00"	-00°00'38"	0.002
17/10/2024 00:00:00	♁	21°06'28"	♅	09°13'48"	01°04'22"	-00°02'44"	17.625
17/10/2024 00:00:00	♁	12°08'23"	♁	-05°20'45"	-00°35'40"	00°06'38"	0.003
17/10/2024 00:00:00	T♁	06°37'23"	♅	02°37'46"	00°00'00"	-00°00'38"	0.002
17/10/2024 00:00:00	T♁	17°56'05"	♁	-07°59'37"	-01°02'11"	-01°47'43"	0.003
17/10/2024 00:00:00	X	24°56'44"	♅	-00°30'31"	-10°54'26"	-00°00'36"	94.655
17/10/2024 00:00:00	Y	01°00'09"	♅	08°37'19"	-11°58'40"	-00°00'29"	82.565
18/10/2024 00:00:00	♁	25°06'12"	♁	-09°42'55"	00°00'00"	00°59'32"	0.996
18/10/2024 00:00:00	♁	02°31'52"	♁	14°31'00"	02°18'26"	15°09'20"	0.002
18/10/2024 00:00:00	♁	06°37'47"	♁	-14°14'40"	-00°32'46"	01°33'31"	1.393
18/10/2024 00:00:00	♁	00°13'41"	♁	-21°18'15"	-01°07'55"	01°12'32"	1.263
18/10/2024 00:00:00	♁	23°09'12"	♁	22°24'25"	00°58'06"	00°26'56"	1.121
18/10/2024 00:00:00	♁	21°12'38"	♅	22°25'48"	-00°43'07"	-00°01'44"	4.435
18/10/2024 00:00:00	♁	13°23'08"	♅	-08°31'58"	-02°10'09"	-00°02'47"	8.887
18/10/2024 00:00:00	♁	26°24'55"	♅	19°05'33"	-00°15'59"	-00°02'01"	18.708
18/10/2024 00:00:00	♁	27°48'10"	♅	-02°05'20"	-01°19'27"	-00°01'25"	29.008
18/10/2024 00:00:00	♁	29°39'00"	♁	-23°24'45"	-03°15'47"	00°00'10"	35.027

Ephemerides year 2024

18/10/2024 00:00:00	♏	06°36'16" ♀	02°37'19"	00°00'00"	-00°01'35"	0.002
18/10/2024 00:00:00	♋	21°03'43" ♀	09°12'41"	01°04'17"	-00°02'44"	17.625
18/10/2024 00:00:00	♏	12°15'02" ♂	-05°24'09"	-00°36'33"	00°06'38"	0.003
18/10/2024 00:00:00	♏	06°36'16" ♀	02°37'19"	00°00'00"	-00°01'35"	0.002
18/10/2024 00:00:00	♏	16°06'44" ♂	-07°08'33"	-00°52'19"	-01°54'03"	0.003
18/10/2024 00:00:00	X	24°56'08" ♀	-00°30'42"	-10°54'24"	-00°00'36"	94.655
18/10/2024 00:00:00	Y	00°59'40" ♀	08°37'09"	-11°58'45"	-00°00'29"	82.554
19/10/2024 00:00:00	♏	26°05'45" ♂	-10°04'36"	00°00'00"	00°59'34"	0.996
19/10/2024 00:00:00	♏	17°35'27" ♂	20°23'43"	03°27'28"	14°56'21"	0.002
19/10/2024 00:00:00	♏	08°11'00" ♀	-14°51'33"	-00°39'36"	01°32'54"	1.388
19/10/2024 00:00:00	♏	01°26'12" ♂	-21°36'15"	-01°10'52"	01°12'30"	1.257
19/10/2024 00:00:00	♏	23°35'59" ♀	22°21'31"	00°59'48"	00°26'37"	1.114
19/10/2024 00:00:00	♏	21°10'47" ♀	22°25'40"	-00°43'07"	-00°01'56"	4.422
19/10/2024 00:00:00	♏	13°20'23" ♀	-08°32'56"	-02°10'02"	-00°02'42"	8.898
19/10/2024 00:00:00	♏	26°22'53" ♂	19°05'05"	-00°15'58"	-00°02'03"	18.699
19/10/2024 00:00:00	♏	27°46'45" ♀	-02°05'53"	-01°19'26"	-00°01'24"	29.016
19/10/2024 00:00:00	♏	29°39'11" ♂	-23°24'42"	-03°15'46"	00°00'12"	35.045
19/10/2024 00:00:00	♏	06°34'14" ♀	02°36'31"	00°00'00"	-00°02'24"	0.002
19/10/2024 00:00:00	♏	21°00'59" ♀	09°11'35"	01°04'12"	-00°02'44"	17.627



Ephemerides year 2024

19/10/2024 00:00:00	☾	12°21'41" ♈	-05°27'33"	-00°37'26"	00°06'38"	0.003
19/10/2024 00:00:00	♁	06°34'14" ♏	02°36'31"	00°00'00"	-00°02'24"	0.002
19/10/2024 00:00:00	♁	14°02'50" ♈	-06°10'22"	-00°41'10"	-02°15'25"	0.003
19/10/2024 00:00:00	X	24°55'32" ♏	-00°30'52"	-10°54'22"	-00°00'35"	94.656
19/10/2024 00:00:00	Y	00°59'10" ♏	08°36'58"	-11°58'50"	-00°00'29"	82.544
20/10/2024 00:00:00	☉	27°05'21" ♈	-10°26'08"	00°00'00"	00°59'36"	0.996
20/10/2024 00:00:00	☾	02°21'56" ♏	24°53'57" ♁	04°21'13"	14°35'31"	0.002
20/10/2024 00:00:00	♀	09°43'36" ♏	-15°27'40"	-00°46'24"	01°32'17"	1.382
20/10/2024 00:00:00	♀	02°38'42" ♏	-21°53'41"	-01°13'48"	01°12'28"	1.251
20/10/2024 00:00:00	♂	24°02'27" ♁	22°18'37"	01°01'31"	00°26'18"	1.107
20/10/2024 00:00:00	♁	21°08'44" ♏	22°25'32"	-00°43'07"	-00°02'08"	4.410
20/10/2024 00:00:00	♁	13°17'43" ♏	-08°33'51"	-02°09'55"	-00°02'37"	8.910
20/10/2024 00:00:00	♁	26°20'49" ♏	19°04'36"	-00°15'58"	-00°02'04"	18.691
20/10/2024 00:00:00	♁	27°45'21" ♏	-02°06'25"	-01°19'25"	-00°01'23"	29.024
20/10/2024 00:00:00	♁	29°39'24" ♏	-23°24'38"	-03°15'46"	00°00'13"	35.063
20/10/2024 00:00:00	♁	06°31'34" ♏	02°35'28"	00°00'00"	-00°02'52"	0.002
20/10/2024 00:00:00	♁	20°58'15" ♏	09°10'29"	01°04'07"	-00°02'43"	17.628
20/10/2024 00:00:00	☾	12°28'19" ♈	-05°30'57"	-00°38'18"	00°06'38"	0.003
20/10/2024 00:00:00	♁	06°31'34" ♏	02°35'28"	00°00'00"	-00°02'52"	0.002

Ephemerides year 2024

20/10/2024 00:00:00	T♄	11°35'03" ♈	-05°00'33"	-00°27'53"	-02°39'03"	0.003
20/10/2024 00:00:00	X	24°54'56" ♏	-00°31'03"	-10°54'20"	-00°00'35"	94.656
20/10/2024 00:00:00	Y	00°58'40" ♏	08°36'48"	-11°58'55"	-00°00'30"	82.534
21/10/2024 00:00:00	☉	28°04'59" ♈	-10°47'31"	00°00'00"	00°59'39"	0.995
21/10/2024 00:00:00	☾	16°44'45" ♏	27°42'03" ♏	04°56'51"	14°09'28"	0.002
21/10/2024 00:00:00	♁	11°15'36" ♏	-16°02'58"	-00°53'07"	01°31'41"	1.376
21/10/2024 00:00:00	♂	03°51'10" ♏	-22°10'32"	-01°16'43"	01°12'27"	1.245
21/10/2024 00:00:00	♂	24°28'36" ♏	22°15'42"	01°03'15"	00°25'59"	1.099
21/10/2024 00:00:00	♂	21°06'30" ♏	22°25'23"	-00°43'08"	-00°02'20"	4.398
21/10/2024 00:00:00	♃	13°15'08" ♏	-08°34'44"	-02°09'48"	-00°02'32"	8.921
21/10/2024 00:00:00	♃	26°18'43" ♏	19°04'07"	-00°15'58"	-00°02'06"	18.683
21/10/2024 00:00:00	♃	27°43'58" ♏	-02°06'57"	-01°19'25"	-00°01'22"	29.033
21/10/2024 00:00:00	♃	29°39'39" ♏	-23°24'35"	-03°15'45"	00°00'15"	35.081
21/10/2024 00:00:00	♃	06°28'40" ♏	02°34'19"	00°00'00"	-00°02'51"	0.002
21/10/2024 00:00:00	♃	20°55'32" ♏	09°09'23"	01°04'02"	-00°02'43"	17.630
21/10/2024 00:00:00	♃	12°34'58" ♏	-05°34'21"	-00°39'11"	00°06'38"	0.003
21/10/2024 00:00:00	T♃	06°28'40" ♏	02°34'19"	00°00'00"	-00°02'51"	0.002
21/10/2024 00:00:00	T♄	08°49'46" ♏	-03°41'56"	-00°12'58"	-02°47'43"	0.003
21/10/2024 00:00:00	X	24°54'20" ♏	-00°31'14"	-10°54'18"	-00°00'35"	94.657

Ephemerides year 2024

21/10/2024 00:00:00	Y	00°58'10" ♀	08°36'37"	-11°59'00"	-00°00'30"	82.524
22/10/2024 00:00:00	☉	29°04'39" ♄	-11°08'45"	00°00'00"	00°59'41"	0.995
22/10/2024 00:00:00	☾	00°40'09" ♃	28°39'50" ♁	05°13'37"	13°41'12"	0.003
22/10/2024 00:00:00	♀	12°47'00" ♃	-16°37'26"	-00°59'47"	01°31'06"	1.369
22/10/2024 00:00:00	♀	05°03'37" ♂	-22°26'48"	-01°19'36"	01°12'25"	1.239
22/10/2024 00:00:00	♂	24°54'26" ♃	22°12'48"	01°05'01"	00°25'39"	1.092
22/10/2024 00:00:00	♃	21°04'03" ♀	22°25'13"	-00°43'08"	-00°02'32"	4.386
22/10/2024 00:00:00	♃	13°12'38" ♃	-08°35'35"	-02°09'41"	-00°02'27"	8.933
22/10/2024 00:00:00	♃	26°16'36" ♂	19°03'37"	-00°15'58"	-00°02'08"	18.675
22/10/2024 00:00:00	♃	27°42'36" ♃	-02°07'29"	-01°19'24"	-00°01'21"	29.042
22/10/2024 00:00:00	♃	29°39'56" ♂	-23°24'30"	-03°15'44"	00°00'17"	35.099
22/10/2024 00:00:00	♁	06°26'01" ♃	02°33'16"	00°00'00"	-00°02'21"	0.002
22/10/2024 00:00:00	♃	20°52'49" ♃	09°08'17"	01°03'57"	-00°02'42"	17.632
22/10/2024 00:00:00	♀	12°41'37" ♄	-05°37'45"	-00°40'04"	00°06'38"	0.003
22/10/2024 00:00:00	T♁	06°26'01" ♃	02°33'16"	00°00'00"	-00°02'21"	0.002
22/10/2024 00:00:00	T♃	06°08'36" ♃	-02°24'55"	00°01'36"	-02°29'51"	0.003
22/10/2024 00:00:00	X	24°53'45" ♃	-00°31'24"	-10°54'15"	-00°00'35"	94.658
22/10/2024 00:00:00	Y	00°57'39" ♀	08°36'27"	-11°59'05"	-00°00'31"	82.515
23/10/2024 00:00:00	☉	00°04'22" ♃	-11°29'49"	00°00'00"	00°59'43"	0.995

Ephemerides year 2024

23/10/2024 00:00:00	♃	14°07'18" ♉	27°51'58" ♉	05°12'22"	13°13'23"	0.003
23/10/2024 00:00:00	♆	14°17'49" ♎	-17°11'04"	-01°06'22"	01°30'31"	1.361
23/10/2024 00:00:00	♀	06°16'01" ♈	-22°42'27"	-01°22'27"	01°12'23"	1.232
23/10/2024 00:00:00	♂	25°19'55" ♉	22°09'54"	01°06'47"	00°25'18"	1.085
23/10/2024 00:00:00	♃	21°01'25" ♉	22°25'03"	-00°43'07"	-00°02'44"	4.374
23/10/2024 00:00:00	♄	13°10'13" ♉	-08°36'24"	-02°09'33"	-00°02'21"	8.945
23/10/2024 00:00:00	♅	26°14'27" ♉	19°03'07"	-00°15'58"	-00°02'09"	18.667
23/10/2024 00:00:00	♆	27°41'15" ♉	-02°08'00"	-01°19'22"	-00°01'20"	29.051
23/10/2024 00:00:00	♁	29°40'14" ♈	-23°24'26"	-03°15'44"	00°00'19"	35.116
23/10/2024 00:00:00	♁	06°24'04" ♈	02°32'30"	00°00'00"	-00°01'28"	0.002
23/10/2024 00:00:00	♂	20°50'07" ♈	09°07'12"	01°03'52"	-00°02'42"	17.635
23/10/2024 00:00:00	♁	12°48'16" ♈	-05°41'09"	-00°40'56"	00°06'38"	0.003
23/10/2024 00:00:00	♁	06°24'04" ♈	02°32'30"	00°00'00"	-00°01'28"	0.002
23/10/2024 00:00:00	♁	03°58'30" ♈	-01°22'31"	00°13'22"	-01°47'00"	0.003
23/10/2024 00:00:00	X	24°53'09" ♈	-00°31'34"	-10°54'12"	-00°00'35"	94.659
23/10/2024 00:00:00	Y	00°57'07" ♉	08°36'16"	-11°59'09"	-00°00'31"	82.506
24/10/2024 00:00:00	♁	01°04'06" ♈	-11°50'43"	00°00'00"	00°59'45"	0.995
24/10/2024 00:00:00	♃	27°07'47" ♉	25°33'02" ♉	04°54'54"	12°48'07"	0.003
24/10/2024 00:00:00	♆	15°48'02" ♎	-17°43'50"	-01°12'51"	01°29'55"	1.353

Ephemerides year 2024

24/10/2024 00:00:00	♀	07°28'24" ♄	-22°57'30"	-01°25'16"	01°12'21"	1.226
24/10/2024 00:00:00	♂	25°45'03" ♃	22°07'00"	01°08'34"	00°24'57"	1.078
24/10/2024 00:00:00	♃	20°58'35" ♃	22°24'51"	-00°43'07"	-00°02'55"	4.362
24/10/2024 00:00:00	♃	13°07'54" ♃	-08°37'10"	-02°09'26"	-00°02'16"	8.957
24/10/2024 00:00:00	♃	26°12'17" ♃	19°02'37"	-00°15'58"	-00°02'11"	18.660
24/10/2024 00:00:00	♃	27°39'56" ♃	-02°08'31"	-01°19'21"	-00°01'18"	29.061
24/10/2024 00:00:00	♃	29°40'34" ♃	-23°24'21"	-03°15'43"	00°00'20"	35.134
24/10/2024 00:00:00	♃	06°23'08" ♃	02°32'08"	00°00'00"	-00°00'22"	0.002
24/10/2024 00:00:00	♃	20°47'25" ♃	09°06'06"	01°03'47"	-00°02'41"	17.637
24/10/2024 00:00:00	♃	12°54'55" ♃	-05°44'33"	-00°41'49"	00°06'38"	0.003
24/10/2024 00:00:00	♃	06°23'08" ♃	02°32'08"	00°00'00"	-00°00'22"	0.002
24/10/2024 00:00:00	♃	02°38'57" ♃	-00°44'18"	00°20'36"	-00°51'08"	0.003
24/10/2024 00:00:00	X	24°52'33" ♃	-00°31'44"	-10°54'10"	-00°00'35"	94.661
24/10/2024 00:00:00	Y	00°56'36" ♃	08°36'06"	-11°59'13"	-00°00'31"	82.497
25/10/2024 00:00:00	♃	02°03'53" ♃	-12°11'25"	00°00'00"	00°59'48"	0.994
25/10/2024 00:00:00	♃	09°44'51" ♃	22°02'10"	04°23'30"	12°26'43"	0.003
25/10/2024 00:00:00	♃	17°17'41" ♃	-18°15'43"	-01°19'13"	01°29'20"	1.345
25/10/2024 00:00:00	♀	08°40'45" ♄	-23°11'55"	-01°28'03"	01°12'19"	1.220
25/10/2024 00:00:00	♂	26°09'50" ♃	22°04'07"	01°10'23"	00°24'36"	1.070

Ephemerides year 2024

25/10/2024 00:00:00	♃	20°55'33" ♀	22°24'39"	-00°43'07"	-00°03'07"	4.351
25/10/2024 00:00:00	♅	13°05'40" ♀	-08°37'55"	-02°09'18"	-00°02'11"	8.969
25/10/2024 00:00:00	♆	26°10'05" ♂	19°02'06"	-00°15'58"	-00°02'12"	18.653
25/10/2024 00:00:00	♆	27°38'37" ♀	-02°09'01"	-01°19'20"	-00°01'17"	29.071
25/10/2024 00:00:00	♄	29°40'55" ♂	-23°24'16"	-03°15'42"	00°00'22"	35.152
25/10/2024 00:00:00	♁	06°23'18" ♂	02°32'12"	00°00'00"	00°00'41"	0.002
25/10/2024 00:00:00	♆	20°44'44" ♂	09°05'00"	01°03'42"	-00°02'40"	17.641
25/10/2024 00:00:00	♁	13°01'34" ♀	-05°47'57"	-00°42'41"	00°06'38"	0.003
25/10/2024 00:00:00	♁♁	06°23'18" ♂	02°32'12"	00°00'00"	00°00'41"	0.002
25/10/2024 00:00:00	♁♁	02°15'56" ♀	-00°33'12"	00°22'43"	00°04'03"	0.003
25/10/2024 00:00:00	X	24°51'57" ♂	-00°31'54"	-10°54'07"	-00°00'35"	94.663
25/10/2024 00:00:00	Y	00°56'03" ♀	08°35'56"	-11°59'18"	-00°00'32"	82.488
26/10/2024 00:00:00	♁	03°03'42" ♀	-12°31'57"	00°00'00"	00°59'50"	0.994
26/10/2024 00:00:00	♁	22°02'45" ♂	17°38'12"	03°40'39"	12°09'52"	0.003
26/10/2024 00:00:00	♁	18°46'44" ♀	-18°46'41"	-01°25'28"	01°28'45"	1.336
26/10/2024 00:00:00	♁	09°53'04" ♂	-23°25'43"	-01°30'48"	01°12'18"	1.214
26/10/2024 00:00:00	♁	26°34'16" ♀	22°01'16"	01°12'13"	00°24'14"	1.063
26/10/2024 00:00:00	♃	20°52'20" ♀	22°24'27"	-00°43'06"	-00°03'19"	4.340
26/10/2024 00:00:00	♅	13°03'32" ♀	-08°38'37"	-02°09'10"	-00°02'05"	8.982

Ephemerides year 2024

26/10/2024 00:00:00	♃	26°07'51" ♂	19°01'35"	-00°15'57"	-00°02'14"	18.646
26/10/2024 00:00:00	♃	27°37'20" ♀	-02°09'31"	-01°19'19"	-00°01'16"	29.081
26/10/2024 00:00:00	♃	29°41'19" ♀	-23°24'10"	-03°15'42"	00°00'24"	35.170
26/10/2024 00:00:00	♃	06°24'25" ♀	02°32'38"	00°00'00"	00°01'29"	0.002
26/10/2024 00:00:00	♃	20°42'03" ♀	09°03'55"	01°03'37"	-00°02'40"	17.644
26/10/2024 00:00:00	♃	13°08'12" ♀	-05°51'20"	-00°43'34"	00°06'38"	0.003
26/10/2024 00:00:00	♃	06°24'25" ♀	02°32'38"	00°00'00"	00°01'29"	0.002
26/10/2024 00:00:00	♃	02°43'44" ♀	-00°46'30"	00°20'16"	00°49'27"	0.003
26/10/2024 00:00:00	X	24°51'22" ♀	-00°32'04"	-10°54'04"	-00°00'35"	94.665
26/10/2024 00:00:00	Y	00°55'31" ♀	08°35'45"	-11°59'22"	-00°00'32"	82.479
27/10/2024 00:00:00	♃	04°03'34" ♀	-12°52'18"	00°00'00"	00°59'52"	0.994
27/10/2024 00:00:00	♃	04°06'09" ♀	12°37'24"	02°48'46"	11°57'43"	0.003
27/10/2024 00:00:00	♃	20°15'11" ♀	-19°16'44"	-01°31'35"	01°28'09"	1.327
27/10/2024 00:00:00	♃	11°05'21" ♀	-23°38'52"	-01°33'31"	01°12'16"	1.207
27/10/2024 00:00:00	♃	26°58'19" ♀	21°58'26"	01°14'04"	00°23'52"	1.056
27/10/2024 00:00:00	♃	20°48'55" ♀	22°24'13"	-00°43'06"	-00°03'30"	4.328
27/10/2024 00:00:00	♃	13°01'29" ♀	-08°39'17"	-02°09'02"	-00°01'59"	8.995
27/10/2024 00:00:00	♃	26°05'36" ♂	19°01'04"	-00°15'57"	-00°02'15"	18.639
27/10/2024 00:00:00	♃	27°36'04" ♀	-02°10'00"	-01°19'18"	-00°01'15"	29.091

Ephemerides year 2024

27/10/2024 00:00:00	♁	29°41'44" ♁	-23°24'04"	-03°15'41"	00°00'25"	35.188
27/10/2024 00:00:00	♁	06°26'08" ♁	02°33'19"	00°00'00"	00°01'51"	0.002
27/10/2024 00:00:00	♁	20°39'23" ♁	09°02'50"	01°03'32"	-00°02'39"	17.648
27/10/2024 00:00:00	♁	13°14'51" ♁	-05°54'44"	-00°44'26"	00°06'38"	0.003
27/10/2024 00:00:00	♁	06°26'08" ♁	02°33'19"	00°00'00"	00°01'51"	0.002
27/10/2024 00:00:00	♁	03°50'21" ♁	-01°18'26"	00°14'18"	01°21'29"	0.003
27/10/2024 00:00:00	X	24°50'46" ♁	-00°32'14"	-10°54'01"	-00°00'35"	94.668
27/10/2024 00:00:00	Y	00°54'58" ♁	08°35'35"	-11°59'26"	-00°00'33"	82.471
28/10/2024 00:00:00	♁	05°03'27" ♁	-13°12'26"	00°00'00"	00°59'54"	0.994
28/10/2024 00:00:00	♁	15°59'43" ♁	07°13'04"	01°50'17"	11°50'06"	0.003
28/10/2024 00:00:00	♁	21°43'02" ♁	-19°45'50"	-01°37'34"	01°27'32"	1.317
28/10/2024 00:00:00	♁	12°17'36" ♁	-23°51'22"	-01°36'11"	01°12'14"	1.201
28/10/2024 00:00:00	♁	27°21'59" ♁	21°55'38"	01°15'56"	00°23'29"	1.048
28/10/2024 00:00:00	♁	20°45'18" ♁	22°23'59"	-00°43'05"	-00°03'42"	4.318
28/10/2024 00:00:00	♁	12°59'32" ♁	-08°39'54"	-02°08'54"	-00°01'54"	9.008
28/10/2024 00:00:00	♁	26°03'20" ♁	19°00'32"	-00°15'57"	-00°02'17"	18.633
28/10/2024 00:00:00	♁	27°34'49" ♁	-02°10'28"	-01°19'17"	-00°01'14"	29.102
28/10/2024 00:00:00	♁	29°42'10" ♁	-23°23'58"	-03°15'40"	00°00'27"	35.206
28/10/2024 00:00:00	♁	06°27'56" ♁	02°34'02"	00°00'00"	00°01'39"	0.002



Ephemerides year 2024

28/10/2024 00:00:00	♄	20°36'44" ♏	09°01'45"	01°03'26"	-00°02'38"	17.652
28/10/2024 00:00:00	♁	13°21'30" ♋	-05°58'08"	-00°45'19"	00°06'38"	0.003
28/10/2024 00:00:00	♁♁	06°27'56" ♏	02°34'02"	00°00'00"	00°01'39"	0.002
28/10/2024 00:00:00	♁♁	05°22'28" ♋	-02°02'35"	00°06'00"	01°40'53"	0.003
28/10/2024 00:00:00	X	24°50'10" ♏	-00°32'24"	-10°53'58"	-00°00'35"	94.671
28/10/2024 00:00:00	Y	00°54'24" ♏	08°35'25"	-11°59'29"	-00°00'33"	82.463
29/10/2024 00:00:00	♁	06°03'23" ♎	-13°32'22"	00°00'00"	00°59'56"	0.993
29/10/2024 00:00:00	♁	27°47'44" ♎	01°36'16"	00°47'36"	11°46'33"	0.003
29/10/2024 00:00:00	♁	23°10'17" ♎	-20°13'57"	-01°43'23"	01°26'55"	1.306
29/10/2024 00:00:00	♁	13°29'49" ♎	-24°03'12"	0-01°38'48"	01°12'12"	1.195
29/10/2024 00:00:00	♁	27°45'17" ♎	21°52'52"	01°17'49"	00°23'05"	1.041
29/10/2024 00:00:00	♁	20°41'30" ♏	22°23'44"	-00°43'04"	-00°03'53"	4.307
29/10/2024 00:00:00	♁	12°57'40" ♏	-08°40'30"	-02°08'46"	-00°01'48"	9.021
29/10/2024 00:00:00	♁	26°01'02" ♏	19°00'00"	-00°15'57"	-00°02'18"	18.627
29/10/2024 00:00:00	♁	27°33'36" ♏	-02°10'56"	-01°19'15"	-00°01'12"	29.112
29/10/2024 00:00:00	♁	29°42'39" ♏	-23°23'51"	-03°15'40"	00°00'29"	35.223
29/10/2024 00:00:00	♁	06°29'15" ♏	02°34'33"	00°00'00"	00°00'53"	0.002
29/10/2024 00:00:00	♁	20°34'06" ♏	09°00'40"	01°03'21"	-00°02'37"	17.656
29/10/2024 00:00:00	♁	13°28'08" ♋	-06°01'31"	-00°46'11"	00°06'38"	0.003

Ephemerides year 2024

29/10/2024 00:00:00	T♄	06°29'15" ♀	02°34'33"	00°00'00"	00°00'53"	0.002
29/10/2024 00:00:00	T♄	07°09'17" ♀	-02°53'45"	-00°03'40"	01°51'50"	0.003
29/10/2024 00:00:00	X	24°49'35" ♀	-00°32'33"	-10°53'54"	-00°00'35"	94.674
29/10/2024 00:00:00	Y	00°53'50" ♀	08°35'15"	-11°59'33"	-00°00'34"	82.455
30/10/2024 00:00:00	♁	07°03'20" ♀	-13°52'05"	00°00'00"	00°59'58"	0.993
30/10/2024 00:00:00	♁	09°34'01" ♀	-04°02'56"	-00°16'51"	11°46'32"	0.003
30/10/2024 00:00:00	♁	24°36'53" ♀	-20°41'04"	-01°49'01"	01°26'16"	1.295
30/10/2024 00:00:00	♁	14°42'00" ♀	-24°14'23"	-01°41'23"	01°12'10"	1.188
30/10/2024 00:00:00	♁	28°08'11" ♀	21°50'08"	01°19'44"	00°22'41"	1.034
30/10/2024 00:00:00	♁	20°37'31" ♀	22°23'28"	-00°43'03"	-00°04'04"	4.296
30/10/2024 00:00:00	♁	12°55'55" ♀	-08°41'02"	-02°08'37"	-00°01'42"	9.034
30/10/2024 00:00:00	♁	25°58'43" ♀	18°59'27"	-00°15'56"	-00°02'19"	18.622
30/10/2024 00:00:00	♁	27°32'24" ♀	-02°11'24"	-01°19'14"	-00°01'11"	29.123
30/10/2024 00:00:00	♁	29°43'09" ♀	-23°23'44"	-03°15'39"	00°00'30"	35.241
30/10/2024 00:00:00	♁	06°29'33" ♀	02°34'40"	00°00'00"	-00°00'22"	0.002
30/10/2024 00:00:00	♁	20°31'29" ♀	08°59'36"	01°03'15"	-00°02'36"	17.660
30/10/2024 00:00:00	♁	13°34'47" ♀	-06°04'54"	-00°47'04"	00°06'38"	0.003
30/10/2024 00:00:00	T♄	06°29'33" ♀	02°34'40"	00°00'00"	-00°00'22"	0.002
30/10/2024 00:00:00	T♄	09°05'38" ♀	-03°49'23"	-00°14'16"	02°01'18"	0.003

Ephemerides year 2024

30/10/2024 00:00:00	X	24°49'00" ♀	-00°32'42"	-10°53'51"	-00°00'35"	94.678
30/10/2024 00:00:00	Y	00°53'16" ♀	08°35'05"	-11°59'37"	-00°00'34"	82.448
31/10/2024 00:00:00	☉	08°03'20" ♀	-14°11'35"	-00°00'00"	01°00'00"	0.993
31/10/2024 00:00:00	☾	21°21'48" ♀	-09°34'36"	-01°20'36"	11°49'27"	0.003
31/10/2024 00:00:00	♁	26°02'49" ♀	-21°07'09"	-01°54'29"	01°25'36"	1.284
31/10/2024 00:00:00	♂	15°54'09" ♂	-24°24'53"	-01°43'54"	01°12'07"	1.182
31/10/2024 00:00:00	♂	28°30'40" ♀	21°47'28"	01°21'40"	00°22'17"	1.026
31/10/2024 00:00:00	♂	20°33'21" ♀	22°23'12"	-00°43'02"	-00°04'15"	4.286
31/10/2024 00:00:00	♂	12°54'15" ♀	-08°41'33"	-02°08'29"	-00°01'36"	9.048
31/10/2024 00:00:00	♂	25°56'23" ♂	18°58'55"	-00°15'56"	-00°02'20"	18.616
31/10/2024 00:00:00	♂	27°31'13" ♀	-02°11'51"	-01°19'13"	-00°01'09"	29.135
31/10/2024 00:00:00	♂	29°43'41" ♂	-23°23'36"	-03°15'39"	00°00'32"	35.259
31/10/2024 00:00:00	♂	06°28'24" ♀	02°34'13"	00°00'00"	-00°01'57"	0.002
31/10/2024 00:00:00	♂	20°28'53" ♀	08°58'32"	01°03'10"	-00°02'35"	17.665
31/10/2024 00:00:00	♂	13°41'26" ♀	-06°08'18"	-00°47'56"	00°06'38"	0.003
31/10/2024 00:00:00	T♂	06°28'24" ♀	02°34'13"	00°00'00"	-00°01'57"	0.002
31/10/2024 00:00:00	T♂	11°14'12" ♀	-04°50'42"	-00°26'03"	02°17'35"	0.003
31/10/2024 00:00:00	X	24°48'24" ♀	-00°32'52"	-10°53'47"	-00°00'35"	94.681
31/10/2024 00:00:00	Y	00°52'42" ♀	08°34'55"	-11°59'40"	-00°00'34"	82.441

Ephemerides year 2024

01/11/2024 00:00:00	☉	09°03'22" ♍	-14°30'52"	-00°00'00"	01°00'02"	0.993
01/11/2024 00:00:00	☾	03°13'42" ♍	-14°47'56"	-02°21'05"	11°54'41"	0.003
01/11/2024 00:00:00	♀	27°28'04" ♍	-21°32'12"	-01°59'43"	01°24'53"	1.272
01/11/2024 00:00:00	♀	17°06'16" ♂	-24°34'42"	-01°46'23"	01°12'05"	1.176
01/11/2024 00:00:00	♂	28°52'45" ♄	21°44'50"	01°23'37"	00°21'52"	1.019
01/11/2024 00:00:00	♃	20°28'59" ♃	22°22'55"	-00°43'01"	-00°04'26"	4.276
01/11/2024 00:00:00	♅	12°52'41" ♃	-08°42'01"	-02°08'20"	-00°01'30"	9.062
01/11/2024 00:00:00	♁	25°54'02" ♃	18°58'22"	-00°15'56"	-00°02'21"	18.611
01/11/2024 00:00:00	♃	27°30'04" ♃	-02°12'17"	-01°19'11"	-00°01'08"	29.146
01/11/2024 00:00:00	♃	29°44'14" ♃	-23°23'29"	-03°15'38"	00°00'34"	35.276
01/11/2024 00:00:00	♁	06°25'36" ♃	02°33'06"	00°00'00"	-00°03'39"	0.002
01/11/2024 00:00:00	♃	20°26'18" ♃	08°57'29"	01°03'04"	-00°02'34"	17.670
01/11/2024 00:00:00	♃	13°48'04" ♃	-06°11'41"	-00°48'49"	00°06'38"	0.003
01/11/2024 00:00:00	♁	06°25'36" ♃	02°33'06"	00°00'00"	-00°03'39"	0.002
01/11/2024 00:00:00	♃	13°45'05" ♃	-06°02'19"	-00°39'55"	02°46'23"	0.003
01/11/2024 00:00:00	X	24°47'49" ♃	-00°33'01"	-10°53'44"	-00°00'34"	94.685
01/11/2024 00:00:00	Y	00°52'07" ♃	08°34'45"	-11°59'43"	-00°00'34"	82.434
02/11/2024 00:00:00	☉	10°03'25" ♍	-14°49'54"	-00°00'00"	01°00'04"	0.992
02/11/2024 00:00:00	☾	15°11'48" ♍	-19°30'40"	-03°15'46"	12°01'47"	0.003

Ephemerides year 2024

02/11/2024 00:00:00	♀	28°52'36" ♍	-21°56'10"	-02°04'45"	01°24'08"	1.260
02/11/2024 00:00:00	♀	18°18'20" ♋	-24°43'49"	o-01°48'48"	01°12'03"	1.169
02/11/2024 00:00:00	♂	29°14'24" ♉	21°42'16"	01°25'36"	00°21'26"	1.012
02/11/2024 00:00:00	♋	20°24'27" ♉r	22°22'36"	-00°43'00"	-00°04'37"	4.266
02/11/2024 00:00:00	♃	12°51'14" ♉r	-08°42'26"	-02°08'11"	-00°01'24"	9.075
02/11/2024 00:00:00	♃	25°51'39" ♉r	18°57'48"	-00°15'56"	-00°02'22"	18.607
02/11/2024 00:00:00	♃	27°28'57" ♉r	-02°12'42"	-01°19'10"	-00°01'06"	29.158
02/11/2024 00:00:00	♃	29°44'50" ♉r	-23°23'20"	-03°15'37"	00°00'36"	35.294
02/11/2024 00:00:00	♃	06°21'09" ♉r	02°31'21"	00°00'00"	-00°05'11"	0.002
02/11/2024 00:00:00	♃	20°23'45" ♉r	08°56'25"	01°02'59"	-00°02'32"	17.676
02/11/2024 00:00:00	♃	13°54'43" ♉r	-06°15'04"	-00°49'41"	00°06'38"	0.003
02/11/2024 00:00:00	T♃	06°21'09" ♉r	02°31'21"	00°00'00"	-00°05'11"	0.002
02/11/2024 00:00:00	T♃	16°50'42" ♉r	-07°29'41"	-00°56'53"	03°25'59"	0.003
02/11/2024 00:00:00	X	24°47'14" ♉r	-00°33'09"	-10°53'40"	-00°00'34"	94.690
02/11/2024 00:00:00	Y	00°51'32" ♉r	08°34'35"	-11°59'46"	-00°00'35"	82.427
03/11/2024 00:00:00	♃	11°03'31" ♍	-15°08'42"	-00°00'00"	01°00'06"	0.992
03/11/2024 00:00:00	♃	27°17'47" ♍	-23°28'54"	o-04°02'09"	12°10'23"	0.003
03/11/2024 00:00:00	♀	00°16'21" ♋	-22°19'02"	-02°09'32"	01°23'21"	1.246
03/11/2024 00:00:00	♀	19°30'23" ♋	-24°52'15"	o-01°51'10"	01°12'01"	1.163

Ephemerides year 2024

03/11/2024 00:00:00	♂	29°35'38" ♉	21°39'45"	01°27'36"	00°21'00"	1.004
03/11/2024 00:00:00	♃	20°19'45" ♉r	22°22'18"	-00°42'58"	-00°04'47"	4.257
03/11/2024 00:00:00	♅	12°49'52" ♋r	-08°42'50"	-02°08'02"	-00°01'18"	9.089
03/11/2024 00:00:00	♁	25°49'16" ♋r	18°57'15"	-00°15'55"	-00°02'23"	18.602
03/11/2024 00:00:00	♃	27°27'50" ♋r	-02°13'07"	-01°19'08"	-00°01'05"	29.170
03/11/2024 00:00:00	♁	29°45'27" ♌	-23°23'12"	-03°15'37"	00°00'37"	35.312
03/11/2024 00:00:00	♁	06°15'22" ♋r	02°29'03"	00°00'00"	-00°06'18"	0.002
03/11/2024 00:00:00	♃	20°21'12" ♋r	08°55'23"	01°02'53"	-00°02'31"	17.682
03/11/2024 00:00:00	♁	14°01'22" ♌	-06°18'27"	-00°50'33"	00°06'38"	0.003
03/11/2024 00:00:00	♁♁	06°15'22" ♋r	02°29'03"	00°00'00"	-00°06'18"	0.002
03/11/2024 00:00:00	♁♁	20°37'18" ♌	-09°14'52"	-01°17'22"	04°06'06"	0.003
03/11/2024 00:00:00	X	24°46'40" ♋r	-00°33'18"	-10°53'36"	-00°00'34"	94.694
03/11/2024 00:00:00	Y	00°50'57" ♉r	08°34'26"	-11°59'49"	-00°00'35"	82.421
04/11/2024 00:00:00	♃	12°03'38" ♋	-15°27'16"	-00°00'00"	01°00'08"	0.992
04/11/2024 00:00:00	♃	09°33'00" ♋	-26°27'39"	-04°37'59"	12°20'17"	0.003
04/11/2024 00:00:00	♁	01°39'17" ♋	-22°40'47"	-02°14'04"	01°22'29"	1.233
04/11/2024 00:00:00	♀	20°42'22" ♋	-24°59'59"	-01°53'29"	01°11'58"	1.156
04/11/2024 00:00:00	♂	29°56'26" ♉	21°37'18"	01°29'37"	00°20'34"	0.997
04/11/2024 00:00:00	♃	20°14'52" ♉r	22°21'58"	-00°42'56"	-00°04'58"	4.247

Ephemerides year 2024

04/11/2024 00:00:00	♃	12°48'36"	♋	-08°43'10"	-02°07'53"	-00°01'12"	9.104
04/11/2024 00:00:00	♃	25°46'52"	♋	18°56'41"	-00°15'55"	-00°02'24"	18.598
04/11/2024 00:00:00	♃	27°26'46"	♋	-02°13'32"	-01°19'07"	-00°01'03"	29.182
04/11/2024 00:00:00	♃	29°46'06"	♋	-23°23'03"	-03°15'36"	00°00'39"	35.329
04/11/2024 00:00:00	♃	06°08'46"	♋	02°26'26"	00°00'00"	-00°06'47"	0.002
04/11/2024 00:00:00	♃	20°18'41"	♋	08°54'20"	01°02'47"	-00°02'30"	17.688
04/11/2024 00:00:00	♃	14°08'01"	♋	-06°21'50"	-00°51'26"	00°06'38"	0.003
04/11/2024 00:00:00	♃	06°08'46"	♋	02°26'26"	00°00'00"	-00°06'47"	0.002
04/11/2024 00:00:00	♃	24°58'24"	♋	-11°13'35"	-01°40'31"	04°32'46"	0.003
04/11/2024 00:00:00	X	24°46'05"	♋	-00°33'26"	-10°53'32"	-00°00'34"	94.699
04/11/2024 00:00:00	Y	00°50'21"	♋	08°34'16"	-11°59'52"	-00°00'35"	82.415
05/11/2024 00:00:00	♃	13°03'47"	♋	-15°45'33"	-00°00'00"	01°00'09"	0.992
05/11/2024 00:00:00	♃	21°58'48"	♋	-28°12'25"	-05°01'14"	12°31'31"	0.003
05/11/2024 00:00:00	♃	03°01'19"	♋	-23°01'22"	-02°18'18"	01°21'34"	1.219
05/11/2024 00:00:00	♃	21°54'20"	♋	-25°07'00"	-01°55'44"	01°11'55"	1.150
05/11/2024 00:00:00	♃	00°16'47"	♋	21°34'56"	01°31'40"	00°20'07"	0.990
05/11/2024 00:00:00	♃	20°09'48"	♋	22°21'38"	-00°42'54"	-00°05'08"	4.238
05/11/2024 00:00:00	♃	12°47'27"	♋	-08°43'29"	-02°07'44"	-00°01'06"	9.118
05/11/2024 00:00:00	♃	25°44'27"	♋	18°56'07"	-00°15'55"	-00°02'25"	18.594

Ephemerides year 2024

05/11/2024 00:00:00	♁	27°25'43" ♋	-02°13'55"	-01°19'05"	-00°01'02"	29.194
05/11/2024 00:00:00	♁	29°46'46" ♋	-23°22'54"	-03°15'36"	00°00'41"	35.347
05/11/2024 00:00:00	♁	06°02'02" ♋	02°23'47"	00°00'00"	-00°06'31"	0.002
05/11/2024 00:00:00	♁	20°16'12" ♋	08°53'18"	01°02'41"	-00°02'28"	17.694
05/11/2024 00:00:00	♁	14°14'40" ♋	-06°25'13"	-00°52'18"	00°06'38"	0.003
05/11/2024 00:00:00	♁	06°02'02" ♋	02°23'47"	00°00'00"	-00°06'31"	0.002
05/11/2024 00:00:00	♁	29°34'39" ♋	-13°15'37"	-02°04'18"	04°35'06"	0.003
05/11/2024 00:00:00	X	24°45'31" ♋	-00°33'35"	-10°53'27"	-00°00'34"	94.705
05/11/2024 00:00:00	Y	00°49'46" ♋	08°34'07"	-11°59'55"	-00°00'35"	82.409
06/11/2024 00:00:00	♁	14°03'58" ♋	-16°03'36"	-00°00'00"	01°00'11"	0.991
06/11/2024 00:00:00	♁	04°36'32" ♋	-28°31'37"	-05°10'19"	12°44'13"	0.003
06/11/2024 00:00:00	♁	04°22'23" ♋	-23°20'46"	-02°22'15"	01°20'33"	1.204
06/11/2024 00:00:00	♁	23°06'14" ♋	-25°13'18"	-01°57'56"	01°11'53"	1.143
06/11/2024 00:00:00	♁	00°36'40" ♋	21°32'39"	01°33'44"	00°19'39"	0.982
06/11/2024 00:00:00	♁	20°04'35" ♋	22°21'16"	-00°42'52"	-00°05'18"	4.229
06/11/2024 00:00:00	♁	12°46'24" ♋	-08°43'44"	-02°07'35"	-00°01'00"	9.132
06/11/2024 00:00:00	♁	25°42'02" ♋	18°55'33"	-00°15'54"	-00°02'26"	18.591
06/11/2024 00:00:00	♁	27°24'42" ♋	-02°14'18"	-01°19'04"	-00°01'00"	29.207
06/11/2024 00:00:00	♁	29°47'28" ♋	-23°22'44"	-03°15'35"	00°00'43"	35.364



Ephemerides year 2024

06/11/2024 00:00:00	♁	05°55'57" ♀	02°21'22"	00°00'00"	-00°05'32"	0.002
06/11/2024 00:00:00	♃	20°13'44" ♀	08°52'17"	01°02'35"	-00°02'27"	17.701
06/11/2024 00:00:00	♁	14°21'19" ♀	-06°28'36"	-00°53'10"	00°06'38"	0.003
06/11/2024 00:00:00	♁	05°55'57" ♀	02°21'22"	00°00'00"	-00°05'32"	0.002
06/11/2024 00:00:00	♁	03°58'57" ♀	-15°08'18"	-02°26'16"	04°08'36"	0.003
06/11/2024 00:00:00	X	24°44'57" ♀	-00°33'43"	-10°53'23"	-00°00'33"	94.710
06/11/2024 00:00:00	Y	00°49'10" ♀	08°33'57"	-11°59'57"	-00°00'36"	82.403
07/11/2024 00:00:00	♁	15°04'10" ♀	-16°21'22"	-00°00'00"	01°00'13"	0.991
07/11/2024 00:00:00	♁	17°27'49" ♀	-27°19'23"	o-05°04'07"	12°58'38"	0.003
07/11/2024 00:00:00	♁	05°42'24" ♀	-23°38'57"	o-02°25'52"	01°19'27"	1.189
07/11/2024 00:00:00	♁	24°18'06" ♀	-25°18'53"	o-02°00'03"	01°11'50"	1.137
07/11/2024 00:00:00	♁	00°56'06" ♀	21°30'26"	01°35'49"	00°19'11"	0.975
07/11/2024 00:00:00	♁	19°59'12" ♀	22°20'55"	-00°42'50"	-00°05'28"	4.220
07/11/2024 00:00:00	♁	12°45'26" ♀	-08°43'58"	-02°07'26"	-00°00'53"	9.147
07/11/2024 00:00:00	♁	25°39'35" ♀	18°54'59"	-00°15'54"	-00°02'26"	18.588
07/11/2024 00:00:00	♁	27°23'42" ♀	-02°14'40"	-01°19'02"	-00°00'58"	29.220
07/11/2024 00:00:00	♁	29°48'12" ♀	-23°22'34"	-03°15'35"	00°00'44"	35.381
07/11/2024 00:00:00	♁	05°51'09" ♀	02°19'28"	00°00'00"	-00°03'58"	0.002
07/11/2024 00:00:00	♁	20°11'18" ♀	08°51'16"	01°02'29"	-00°02'25"	17.708

Ephemerides year 2024

07/11/2024 00:00:00	☾	14°27'58" ♈	-06°31'59"	-00°54'03"	00°06'38"	0.003
07/11/2024 00:00:00	♁	05°51'09" ♏	02°19'28"	00°00'00"	-00°03'58"	0.002
07/11/2024 00:00:00	♁	07°42'34" ♏	-16°40'03"	-02°44'10"	03°14'19"	0.003
07/11/2024 00:00:00	X	24°44'24" ♏	-00°33'50"	-10°53'19"	-00°00'33"	94.716
07/11/2024 00:00:00	Y	00°48'33" ♏	08°33'48"	-12°00'00"	-00°00'36"	82.398
08/11/2024 00:00:00	☉	16°04'24" ♏	-16°38'51"	-00°00'00"	01°00'14"	0.991
08/11/2024 00:00:00	☾	00°34'26" ♏	-24°36'53"	o-04°42'05"	13°14'55"	0.003
08/11/2024 00:00:00	♀	07°01'15" ♏	-23°55'54"	o-02°29'08"	01°18'14"	1.173
08/11/2024 00:00:00	♀	25°29'55" ♏	-25°23'45"	o-02°02'07"	01°11'47"	1.130
08/11/2024 00:00:00	♂	01°15'03" ♏	21°28'19"	01°37'56"	00°18'42"	0.968
08/11/2024 00:00:00	♃	19°53'39" ♏	22°20'32"	-00°42'48"	-00°05'37"	4.212
08/11/2024 00:00:00	♃	12°44'36" ♏	-08°44'09"	-02°07'16"	-00°00'47"	9.162
08/11/2024 00:00:00	♃	25°37'08" ♏	18°54'24"	-00°15'53"	-00°02'27"	18.585
08/11/2024 00:00:00	♃	27°22'44" ♏	-02°15'02"	-01°19'01"	-00°00'57"	29.233
08/11/2024 00:00:00	♃	29°48'58" ♏	-23°22'24"	-03°15'34"	00°00'46"	35.398
08/11/2024 00:00:00	♁	05°48'06" ♏	02°18'15"	00°00'00"	-00°02'07"	0.002
08/11/2024 00:00:00	♃	20°08'53" ♏	08°50'16"	01°02'23"	-00°02'23"	17.715
08/11/2024 00:00:00	☾	14°34'37" ♈	-06°35'22"	-00°54'55"	00°06'38"	0.003
08/11/2024 00:00:00	♁	05°48'06" ♏	02°18'15"	00°00'00"	-00°02'07"	0.002

Ephemerides year 2024

08/11/2024 00:00:00	T♄	10°20'04" ♍	-17°42'28"	-02°56'21"	01°57'39"	0.003
08/11/2024 00:00:00	X	24°43'50" ♏	-00°33'58"	-10°53'14"	-00°00'33"	94.722
08/11/2024 00:00:00	Y	00°47'57" ♏	08°33'39"	-12°00'02"	-00°00'36"	82.393
09/11/2024 00:00:00	☉	17°04'39" ♍	-16°56'03"	-00°00'00"	01°00'15"	0.991
09/11/2024 00:00:00	☾	13°58'16" ♍	-20°31'50"	-04°04'22"	13°33'02"	0.003
09/11/2024 00:00:00	♀	08°18'50" ♏	-24°11'34"	o-02°32'00"	01°16'53"	1.156
09/11/2024 00:00:00	♀	26°41'40" ♏	-25°27'54"	o-02°04'06"	01°11'43"	1.124
09/11/2024 00:00:00	♂	01°33'31" ♏	21°26'18"	01°40'04"	00°18'13"	0.960
09/11/2024 00:00:00	♃	19°47'57" ♏	22°20'09"	-00°42'45"	-00°05'47"	4.204
09/11/2024 00:00:00	♅	12°43'51" ♏	-08°44'17"	-02°07'07"	-00°00'41"	9.177
09/11/2024 00:00:00	♁	25°34'40" ♏	18°53'49"	-00°15'53"	-00°02'27"	18.582
09/11/2024 00:00:00	♆	27°21'47" ♏	-02°15'23"	-01°18'59"	-00°00'55"	29.246
09/11/2024 00:00:00	♁	29°49'45" ♏	-23°22'13"	-03°15'34"	00°00'47"	35.416
09/11/2024 00:00:00	♁	05°46'53" ♏	02°17'46"	00°00'00"	-00°00'21"	0.002
09/11/2024 00:00:00	♁	20°06'30" ♏	08°49'16"	01°02'17"	-00°02'22"	17.722
09/11/2024 00:00:00	♁	14°41'15" ♏	-06°38'44"	-00°55'47"	00°06'38"	0.003
09/11/2024 00:00:00	T♁	05°46'53" ♏	02°17'46"	00°00'00"	-00°00'21"	0.002
09/11/2024 00:00:00	T♄	11°33'50" ♍	-18°11'01"	-03°01'56"	00°29'04"	0.003
09/11/2024 00:00:00	X	24°43'17" ♏	-00°34'06"	-10°53'10"	-00°00'33"	94.728

Ephemerides year 2024

09/11/2024 00:00:00	Y	00°47'20" ♀	08°33'30"	-12°00'04"	-00°00'36"	82.389
10/11/2024 00:00:00	☉	18°04'56" ♍	-17°12'58"	-00°00'00"	01°00'17"	0.990
10/11/2024 00:00:00	☾	27°41'01" ♎	-15°16'43"	-03°11'57"	13°52'37"	0.002
10/11/2024 00:00:00	♀	09°34'59" ♀	-24°25'56"	o-02°34'29"	01°15'23"	1.139
10/11/2024 00:00:00	♀	27°53'22" ♀	-25°31'19"	o-02°06'02"	01°11'40"	1.117
10/11/2024 00:00:00	♂	01°51'29" ♁	21°24'22"	01°42'14"	00°17'43"	0.953
10/11/2024 00:00:00	♃	19°42'05" ♀	22°19'44"	-00°42'43"	-00°05'56"	4.196
10/11/2024 00:00:00	♄	12°43'12" ♃	-08°44'23"	-02°06'57"	-00°00'35"	9.192
10/11/2024 00:00:00	♅	25°32'12" ♄	18°53'15"	-00°15'52"	-00°02'28"	18.580
10/11/2024 00:00:00	♆	27°20'52" ♃	-02°15'43"	-01°18'57"	-00°00'54"	29.259
10/11/2024 00:00:00	♇	29°50'34" ♄	-23°22'02"	-03°15'33"	00°00'49"	35.433
10/11/2024 00:00:00	♈	05°47'12" ♃	02°17'54"	00°00'00"	00°00'54"	0.002
10/11/2024 00:00:00	♉	20°04'08" ♃	08°48'17"	01°02'11"	-00°02'20"	17.730
10/11/2024 00:00:00	♊	14°47'54" ♃	-06°42'07"	-00°56'39"	00°06'38"	0.003
10/11/2024 00:00:00	♋	05°47'12" ♃	02°17'54"	00°00'00"	00°00'54"	0.002
10/11/2024 00:00:00	♌	11°19'49" ♍	-18°05'36"	-03°00'51"	-00°54'36"	0.003
10/11/2024 00:00:00	X	24°42'44" ♃	-00°34'13"	-10°53'05"	-00°00'32"	94.735
10/11/2024 00:00:00	Y	00°46'44" ♀	08°33'21"	-12°00'06"	-00°00'37"	82.384
11/11/2024 00:00:00	☉	19°05'14" ♍	-17°29'36"	-00°00'00"	01°00'18"	0.990

Ephemerides year 2024

11/11/2024 00:00:00	♃	11°43'40" ♃	-09°07'09"	-02°06'55"	14°12'40"	0.002
11/11/2024 00:00:00	♆	10°49'33" ♆	-24°38'58"	♁-02°36'30"	01°13'43"	1.122
11/11/2024 00:00:00	♀	29°05'01" ♀	-25°34'00"	♁-02°07'53"	01°11'36"	1.110
11/11/2024 00:00:00	♂	02°08'58" ♂	21°22'32"	01°44'25"	00°17'13"	0.946
11/11/2024 00:00:00	♃	19°36'04" ♃	22°19'20"	-00°42'40"	-00°06'05"	4.188
11/11/2024 00:00:00	♃	12°42'40" ♃	-08°44'26"	-02°06'48"	-00°00'29"	9.207
11/11/2024 00:00:00	♃	25°29'43" ♃	18°52'40"	-00°15'52"	-00°02'28"	18.578
11/11/2024 00:00:00	♃	27°19'59" ♃	-02°16'03"	-01°18'55"	-00°00'52"	29.273
11/11/2024 00:00:00	♃	29°51'24" ♃	-23°21'51"	-03°15'33"	00°00'51"	35.450
11/11/2024 00:00:00	♁	05°48'25" ♁	02°18'23"	00°00'00"	00°01'21"	0.002
11/11/2024 00:00:00	♁	20°01'48" ♁	08°47'19"	01°02'05"	-00°02'18"	17.738
11/11/2024 00:00:00	♁	14°54'33" ♁	-06°45'29"	-00°57'31"	00°06'38"	0.003
11/11/2024 00:00:00	♁	05°48'25" ♁	02°18'23"	00°00'00"	00°01'21"	0.002
11/11/2024 00:00:00	♁	09°52'57" ♁	-17°31'47"	-02°54'13"	-01°53'34"	0.003
11/11/2024 00:00:00	X	24°42'11" ♁	-00°34'20"	-10°53'00"	-00°00'32"	94.742
11/11/2024 00:00:00	Y	00°46'06" ♃	08°33'12"	-12°00'07"	-00°00'37"	82.380
12/11/2024 00:00:00	♁	20°05'34" ♁	-17°45'55"	-00°00'00"	01°00'20"	0.990
12/11/2024 00:00:00	♃	26°05'59" ♃	-02°21'12"	-00°52'30"	14°31'36"	0.002
12/11/2024 00:00:00	♆	12°02'21" ♆	-24°50'37"	♁-02°38'02"	01°11'50"	1.104

Ephemerides year 2024

12/11/2024 00:00:00	♀	00°16'36" ♍	-25°35'57" ♁	-02°09'39"	01°11'33"	1.104
12/11/2024 00:00:00	♂	02°25'55" ♏	21°20'49"	01°46'38"	00°16'42"	0.938
12/11/2024 00:00:00	♃	19°29'55" ♀	22°18'54"	-00°42'37"	-00°06'13"	4.181
12/11/2024 00:00:00	♅	12°42'14" ♁	-08°44'27"	-02°06'38"	-00°00'22"	9.222
12/11/2024 00:00:00	♁	25°27'14" ♏	18°52'05"	-00°15'52"	-00°02'29"	18.576
12/11/2024 00:00:00	♃	27°19'08" ♁	-02°16'22"	-01°18'54"	-00°00'50"	29.287
12/11/2024 00:00:00	♁	29°52'16" ♍	-23°21'40"	-03°15'33"	00°00'52"	35.466
12/11/2024 00:00:00	♁	05°49'37" ♏	02°18'51"	00°00'00"	00°00'51"	0.002
12/11/2024 00:00:00	♃	19°59'31" ♏	08°46'21"	01°01'59"	-00°02'17"	17.746
12/11/2024 00:00:00	♁	15°01'12" ♁	-06°48'52"	-00°58'24"	00°06'38"	0.003
12/11/2024 00:00:00	♁	05°49'37" ♏	02°18'51"	00°00'00"	00°00'51"	0.002
12/11/2024 00:00:00	♃	07°45'03" ♁	-16°40'56"	-02°44'15"	-02°16'06"	0.003
12/11/2024 00:00:00	X	24°41'38" ♏	-00°34'27"	-10°52'55"	-00°00'32"	94.749
12/11/2024 00:00:00	Y	00°45'29" ♀	08°33'04"	-12°00'09"	-00°00'37"	82.376
13/11/2024 00:00:00	♁	21°05'54" ♁	-18°01'56"	00°00'00"	01°00'21"	0.990
13/11/2024 00:00:00	♃	10°45'49" ♏	04°40'09"	00°26'41"	14°47'17"	0.002
13/11/2024 00:00:00	♁	13°13'10" ♁	-25°00'53" ♁	-02°39'03"	01°09'44"	1.085
13/11/2024 00:00:00	♀	01°28'08" ♍	-25°37'10" ♁	-02°11'21"	01°11'29"	1.097
13/11/2024 00:00:00	♂	02°42'22" ♏	21°19'13"	01°48'52"	00°16'10"	0.931

Ephemerides year 2024

13/11/2024 00:00:00	♃	19°23'37" ♀	22°18'27"	-00°42'33"	-00°06'22"	4.174
13/11/2024 00:00:00	♅	12°41'54" ♀	-08°44'26"	-02°06'28"	-00°00'16"	9.237
13/11/2024 00:00:00	♁	25°24'45" ♂	18°51'29"	-00°15'51"	-00°02'29"	18.575
13/11/2024 00:00:00	♆	27°18'18" ♀	-02°16'40"	-01°18'52"	-00°00'48"	29.301
13/11/2024 00:00:00	♁	29°53'09" ♂	-23°21'28"	-03°15'32"	00°00'54"	35.483
13/11/2024 00:00:00	♁	05°49'50" ♂	02°18'56"	00°00'00"	-00°00'33"	0.002
13/11/2024 00:00:00	♆	19°57'14" ♂	08°45'24"	01°01'53"	-00°02'15"	17.755
13/11/2024 00:00:00	♁	15°07'51" ♀	-06°52'14"	-00°59'16"	00°06'38"	0.003
13/11/2024 00:00:00	♁	05°49'50" ♂	02°18'56"	00°00'00"	-00°00'33"	0.002
13/11/2024 00:00:00	♁	05°30'54" ♀	-15°46'20"	-02°33'34"	-02°08'37"	0.003
13/11/2024 00:00:00	X	24°41'06" ♂	-00°34'34"	-10°52'50"	-00°00'32"	94.756
13/11/2024 00:00:00	Y	00°44'52" ♀	08°32'55"	-12°00'10"	-00°00'37"	82.373
14/11/2024 00:00:00	♁	22°06'17" ♀	-18°17'37"	00°00'00"	01°00'23"	0.989
14/11/2024 00:00:00	♁	25°38'41" ♂	11°32'36"	01°45'04"	14°57'18"	0.002
14/11/2024 00:00:00	♁	14°21'46" ♂	-25°09'44"	-02°39'29"	01°07'23"	1.066
14/11/2024 00:00:00	♁	02°39'35" ♂	-25°37'39"	-02°12'58"	01°11'25"	1.090
14/11/2024 00:00:00	♁	02°58'17" ♂	21°17'44"	01°51'07"	00°15'38"	0.924
14/11/2024 00:00:00	♃	19°17'11" ♀	22°18'00"	-00°42'30"	-00°06'30"	4.167
14/11/2024 00:00:00	♅	12°41'41" ♀	-08°44'22"	-02°06'18"	-00°00'10"	9.253

Ephemerides year 2024

14/11/2024 00:00:00	♃	25°22'15"	♎	18°50'54"	-00°15'51"	-00°02'29"	18.574
14/11/2024 00:00:00	♃	27°17'30"	♎	-02°16'57"	-01°18'50"	-00°00'47"	29.315
14/11/2024 00:00:00	♃	29°54'04"	♎	-23°21'16"	-03°15'32"	00°00'55"	35.500
14/11/2024 00:00:00	♁	05°48'16"	♎	02°18'19"	00°00'00"	-00°02'38"	0.002
14/11/2024 00:00:00	♁	19°55'00"	♎	08°44'27"	01°01'46"	-00°02'13"	17.764
14/11/2024 00:00:00	♁	15°14'29"	♎	-06°55'36"	-01°00'08"	00°06'38"	0.003
14/11/2024 00:00:00	♁	05°48'16"	♎	02°18'19"	00°00'00"	-00°02'38"	0.002
14/11/2024 00:00:00	♁	03°31'04"	♎	-14°56'34"	-02°23'56"	-01°51'16"	0.003
14/11/2024 00:00:00	X	24°40'34"	♎	-00°34'40"	-10°52'45"	-00°00'31"	94.764
14/11/2024 00:00:00	Y	00°44'14"	♎	08°32'46"	-12°00'12"	-00°00'37"	82.370
15/11/2024 00:00:00	♁	23°06'41"	♎	-18°33'00"	00°00'00"	01°00'24"	0.989
15/11/2024 00:00:00	♁	10°37'49"	♎	17°48'20"	02°56'36"	14°59'31"	0.002
15/11/2024 00:00:00	♁	15°27'51"	♎	-25°17'06"	-02°39'19"	01°04'43"	1.046
15/11/2024 00:00:00	♁	03°50'59"	♎	-25°37'24"	-02°14'31"	01°11'21"	1.084
15/11/2024 00:00:00	♁	03°13'40"	♎	21°16'22"	01°53'24"	00°15'06"	0.917
15/11/2024 00:00:00	♁	19°10'37"	♎	22°17'32"	-00°42'26"	-00°06'37"	4.160
15/11/2024 00:00:00	♁	12°41'34"	♎	-08°44'16"	-02°06'09"	-00°00'03"	9.268
15/11/2024 00:00:00	♁	25°19'45"	♎	18°50'19"	-00°15'50"	-00°02'29"	18.573
15/11/2024 00:00:00	♁	27°16'44"	♎	-02°17'14"	-01°18'48"	-00°00'45"	29.329



Ephemerides year 2024

15/11/2024 00:00:00	♁	29°55'01" ♁	-23°21'03"	-03°15'32"	00°00'57"	35.516
15/11/2024 00:00:00	♁	05°44'28" ♁	02°16'49"	00°00'00"	-00°04'55"	0.002
15/11/2024 00:00:00	♁	19°52'48" ♁	08°43'31"	01°01'40"	-00°02'10"	17.773
15/11/2024 00:00:00	♁	15°21'08" ♁	-06°58'58"	-01°01'00"	00°06'38"	0.003
15/11/2024 00:00:00	♁	05°44'28" ♁	02°16'49"	00°00'00"	-00°04'55"	0.002
15/11/2024 00:00:00	♁	01°44'57" ♁	-14°11'54"	-02°15'26"	-01°43'47"	0.003
15/11/2024 00:00:00	X	24°40'02" ♁	-00°34'46"	-10°52'39"	-00°00'31"	94.772
15/11/2024 00:00:00	Y	00°43'36" ♁	08°32'38"	-12°00'13"	-00°00'37"	82.367
16/11/2024 00:00:00	♁	24°07'06" ♁	-18°48'02"	00°00'00"	01°00'26"	0.989
16/11/2024 00:00:00	♁	25°34'45" ♁	22°58'02"	03°55'42"	14°52'48"	0.002
16/11/2024 00:00:00	♁	16°31'06" ♁	-25°23'00"	-02°38'28"	01°01'43"	1.026
16/11/2024 00:00:00	♁	05°02'19" ♁	-25°36'25"	-02°15'58"	01°11'18"	1.077
16/11/2024 00:00:00	♁	03°28'29" ♁	21°15'08"	01°55'43"	00°14'32"	0.909
16/11/2024 00:00:00	♁	19°03'55" ♁	22°17'03"	-00°42'22"	-00°06'45"	4.154
16/11/2024 00:00:00	♁	12°41'33" ♁	-08°44'07"	-02°05'59"	00°00'02"	9.284
16/11/2024 00:00:00	♁	25°17'15" ♁	18°49'43"	-00°15'49"	-00°02'29"	18.572
16/11/2024 00:00:00	♁	27°15'59" ♁	-02°17'30"	-01°18'46"	-00°00'43"	29.344
16/11/2024 00:00:00	♁	29°56'00" ♁	-23°20'50"	-03°15'32"	00°00'59"	35.533
16/11/2024 00:00:00	♁	05°38'30" ♁	02°14'27"	00°00'00"	-00°06'55"	0.002

Ephemerides year 2024

16/11/2024 00:00:00	♄	19°50'38" ♏	08°42'36"	01°01'34"	-00°02'08"	17.782
16/11/2024 00:00:00	♁	15°27'47" ♏	-07°02'20"	-01°01'52"	00°06'38"	0.003
16/11/2024 00:00:00	♁♁	05°38'30" ♏	02°14'27"	00°00'00"	-00°06'55"	0.002
16/11/2024 00:00:00	♁♁	29°56'50" ♏	-13°25'55"	-02°06'54"	-01°55'49"	0.003
16/11/2024 00:00:00	X	24°39'31" ♏	-00°34'52"	-10°52'34"	-00°00'31"	94.780
16/11/2024 00:00:00	Υ	00°42'59" ♏	08°32'30"	-12°00'14"	-00°00'37"	82.364
17/11/2024 00:00:00	♁	25°07'33" ♏	-19°02'45"	00°00'00"	01°00'27"	0.989
17/11/2024 00:00:00	♁	10°20'31" ♏	26°35'02"	04°38'09"	14°37'23"	0.002
17/11/2024 00:00:00	♁	17°31'09" ♏	-25°27'21"	02°36'53"	00°58'19"	1.005
17/11/2024 00:00:00	♁	06°13'35" ♏	-25°34'43"	02°17'21"	01°11'14"	1.070
17/11/2024 00:00:00	♁	03°42'45" ♏	21°14'02"	01°58'02"	00°13'58"	0.902
17/11/2024 00:00:00	♁	18°57'06" ♏	22°16'33"	-00°42'18"	-00°06'52"	4.148
17/11/2024 00:00:00	♁	12°41'39" ♏	-08°43'55"	-02°05'49"	00°00'08"	9.300
17/11/2024 00:00:00	♁	25°14'45" ♏	18°49'08"	-00°15'49"	-00°02'29"	18.572
17/11/2024 00:00:00	♁	27°15'17" ♏	-02°17'45"	-01°18'44"	-00°00'41"	29.358
17/11/2024 00:00:00	♁	29°56'59" ♏	-23°20'37"	-03°15'32"	00°01'00"	35.549
17/11/2024 00:00:00	♁	05°30'52" ♏	02°11'26"	00°00'00"	-00°08'11"	0.002
17/11/2024 00:00:00	♁	19°48'31" ♏	08°41'42"	01°01'27"	-00°02'06"	17.792
17/11/2024 00:00:00	♁	15°34'26" ♏	-07°05'42"	-01°02'44"	00°06'39"	0.003

Ephemerides year 2024

17/11/2024 00:00:00	T♄	05°30'52" ♏	02°11'26"	00°00'00"	-00°08'11"	0.002
17/11/2024 00:00:00	T♄	27°47'36" ♏	-12°30'15"	-01°56'43"	-02°24'33"	0.003
17/11/2024 00:00:00	X	24°39'00" ♏	-00°34'58"	-10°52'28"	-00°00'30"	94.789
17/11/2024 00:00:00	Y	00°42'21" ♏	08°32'22"	-12°00'14"	-00°00'37"	82.362
18/11/2024 00:00:00	☉	26°08'02" ♏	-19°17'08"	00°00'00"	01°00'29"	0.988
18/11/2024 00:00:00	☾	24°47'10" ♏	28°21'39"	05°01'45"	14°14'56"	0.002
18/11/2024 00:00:00	☿	18°27'35" ♏	-25°30'09"	-02°34'30"	00°54'28"	0.984
18/11/2024 00:00:00	♀	07°24'47" ♏	-25°32'16"	-02°18'38"	01°11'09"	1.064
18/11/2024 00:00:00	♂	03°56'27" ♏	21°13'04"	02°00'24"	00°13'24"	0.895
18/11/2024 00:00:00	♃	18°50'10" ♏	22°16'03"	-00°42'14"	-00°06'59"	4.142
18/11/2024 00:00:00	♅	12°41'51" ♏	-08°43'41"	-02°05'39"	00°00'15"	9.316
18/11/2024 00:00:00	♁	25°12'15" ♏	18°48'32"	-00°15'48"	-00°02'29"	18.572
18/11/2024 00:00:00	♂	27°14'36" ♏	-02°17'59"	-01°18'43"	-00°00'39"	29.373
18/11/2024 00:00:00	♁	29°58'01" ♏	-23°20'24"	-03°15'31"	00°01'02"	35.565
18/11/2024 00:00:00	♁	05°22'27" ♏	02°08'06"	00°00'00"	-00°08'27"	0.002
18/11/2024 00:00:00	♁	19°46'25" ♏	08°40'48"	01°01'21"	-00°02'04"	17.802
18/11/2024 00:00:00	♁	15°41'05" ♏	-07°09'04"	-01°03'36"	00°06'39"	0.003
18/11/2024 00:00:00	T♄	05°22'27" ♏	02°08'06"	00°00'00"	-00°08'27"	0.002
18/11/2024 00:00:00	T♄	25°06'30" ♏	-11°19'41"	-01°43'53"	-02°56'43"	0.003

Ephemerides year 2024

18/11/2024 00:00:00	X	24°38'29" ♏	-00°35'04"	-10°52'23"	-00°00'30"	94.797
18/11/2024 00:00:00	Y	00°41'43" ♏	08°32'14"	-12°00'15"	-00°00'37"	82.360
19/11/2024 00:00:00	☉	27°08'33" ♏	-19°31'10"	00°00'00"	01°00'31"	0.988
19/11/2024 00:00:00	☾	08°48'57" ♏	28°14'19"	05°06'18"	13°48'09"	0.003
19/11/2024 00:00:00	♀	19°19'57" ♏	-25°31'22"	02°31'16"	00°50'08"	0.962
19/11/2024 00:00:00	♀	08°35'55" ♏	-25°29'06"	02°19'50"	01°11'05"	1.057
19/11/2024 00:00:00	♂	04°09'33" ♏	21°12'15"	02°02'46"	00°12'48"	0.888
19/11/2024 00:00:00	♃	18°43'06" ♏	22°15'32"	-00°42'10"	-00°07'06"	4.137
19/11/2024 00:00:00	♅	12°42'10" ♏	-08°43'25"	-02°05'29"	00°00'21"	9.331
19/11/2024 00:00:00	♁	25°09'45" ♏	18°47'57"	-00°15'48"	-00°02'29"	18.573
19/11/2024 00:00:00	♃	27°13'58" ♏	-02°18'13"	-01°18'41"	-00°00'37"	29.388
19/11/2024 00:00:00	♁	29°59'04" ♏	-23°20'10"	-03°15'31"	00°01'03"	35.581
19/11/2024 00:00:00	♁	05°14'18" ♏	02°04'52"	00°00'00"	-00°07'40"	0.002
19/11/2024 00:00:00	♁	19°44'22" ♏	08°39'55"	01°01'14"	-00°02'02"	17.812
19/11/2024 00:00:00	♁	15°47'44" ♏	-07°12'26"	-01°04'28"	00°06'39"	0.003
19/11/2024 00:00:00	T♁	05°14'18" ♏	02°04'52"	00°00'00"	-00°07'40"	0.002
19/11/2024 00:00:00	T♁	21°59'03" ♏	-09°56'01"	-01°28'38"	-03°14'25"	0.003
19/11/2024 00:00:00	X	24°37'59" ♏	-00°35'09"	-10°52'17"	-00°00'29"	94.806
19/11/2024 00:00:00	Y	00°41'05" ♏	08°32'06"	-12°00'16"	-00°00'37"	82.358

Ephemerides year 2024

20/11/2024 00:00:00	♁	28°09'05" ♎	-19°44'51"	00°00'00"	01°00'33"	0.988
20/11/2024 00:00:00	♃	22°23'01" ♈	26°23'58" ♁	04°53'15"	13°19'58"	0.003
20/11/2024 00:00:00	♆	20°07'41" ♄	-25°30'56" ♁	-02°27'04"	00°45'14"	0.940
20/11/2024 00:00:00	♀	09°46'59" ♌	-25°25'13" ♁	-02°20'56"	01°11'01"	1.050
20/11/2024 00:00:00	♂	04°22'03" ♍	21°11'35"	02°05'10"	00°12'11"	0.881
20/11/2024 00:00:00	♃	18°35'56" ♈	22°15'00"	-00°42'05"	-00°07'13"	4.131
20/11/2024 00:00:00	♅	12°42'35" ♋	-08°43'06"	-02°05'19"	00°00'27"	9.347
20/11/2024 00:00:00	♁	25°07'16" ♎	18°47'22"	-00°15'47"	-00°02'29"	18.574
20/11/2024 00:00:00	♆	27°13'21" ♄	-02°18'26"	-01°18'39"	-00°00'35"	29.403
20/11/2024 00:00:00	♁	00°00'09" ♎	-23°19'56"	-03°15'31"	00°01'05"	35.597
20/11/2024 00:00:00	♁	05°07'23" ♎	02°02'07"	00°00'00"	-00°06'03"	0.002
20/11/2024 00:00:00	♆	19°42'21" ♄	08°39'03"	01°01'08"	-00°02'00"	17.822
20/11/2024 00:00:00	♁	15°54'23" ♎	-07°15'48"	-01°05'20"	00°06'39"	0.003
20/11/2024 00:00:00	♁	05°07'23" ♎	02°02'07"	00°00'00"	-00°06'03"	0.002
20/11/2024 00:00:00	♁	18°46'45" ♈	-08°28'37"	-01°12'40"	-03°05'18"	0.003
20/11/2024 00:00:00	X	24°37'30" ♎	-00°35'14"	-10°52'11"	-00°00'29"	94.816
20/11/2024 00:00:00	Y	00°40'27" ♈	08°31'58"	-12°00'16"	-00°00'37"	82.357
21/11/2024 00:00:00	♁	29°09'39" ♎	-19°58'10"	00°00'00"	01°00'34"	0.988
21/11/2024 00:00:00	♃	05°29'21" ♈	23°10'36"	04°25'01"	12°53'06"	0.003

Ephemerides year 2024

21/11/2024 00:00:00	♀	20°50'12" ♄	-25°28'50" ♁	-02°21'52"	00°39'42"	0.918
21/11/2024 00:00:00	♀	10°57'58" ♄	-25°20'37" ♁	-02°21'58"	01°10'56"	1.043
21/11/2024 00:00:00	♂	04°33'56" ♁	21°11'04"	02°07'36"	00°11'34"	0.874
21/11/2024 00:00:00	♃	18°28'40" ♃	22°14'28"	-00°42'01"	-00°07'19"	4.127
21/11/2024 00:00:00	♃	12°43'06" ♃	-08°42'45"	-02°05'09"	00°00'34"	9.364
21/11/2024 00:00:00	♃	25°04'46" ♃	18°46'46"	-00°15'47"	-00°02'29"	18.575
21/11/2024 00:00:00	♃	27°12'46" ♃	-02°18'38"	-01°18'37"	-00°00'34"	29.418
21/11/2024 00:00:00	♃	00°01'15" ♃	-23°19'42"	-03°15'31"	00°01'06"	35.613
21/11/2024 00:00:00	♃	05°02'22" ♃	02°00'08"	00°00'00"	-00°03'57"	0.002
21/11/2024 00:00:00	♃	19°40'22" ♃	08°38'12"	01°01'01"	-00°01'57"	17.833
21/11/2024 00:00:00	♃	16°01'02" ♃	-07°19'09"	-01°06'11"	00°06'38"	0.003
21/11/2024 00:00:00	T♃	05°02'22" ♃	02°00'08"	00°00'00"	-00°03'57"	0.002
21/11/2024 00:00:00	T♃	15°57'09" ♃	-07°10'23"	-00°58'18"	-02°30'23"	0.003
21/11/2024 00:00:00	X	24°37'00" ♃	-00°35'19"	-10°52'05"	-00°00'29"	94.825
21/11/2024 00:00:00	Y	00°39'49" ♃	08°31'51"	-12°00'16"	-00°00'38"	82.356
22/11/2024 00:00:00	♁	00°10'15" ♄	-20°11'08"	00°00'00"	01°00'36"	0.988
22/11/2024 00:00:00	♁	18°10'20" ♁	18°56'19"	03°44'26"	12°29'32"	0.003
22/11/2024 00:00:00	♀	21°26'52" ♄	-25°25'01" ♁	-02°15'33"	00°33'30"	0.895
22/11/2024 00:00:00	♀	12°08'53" ♄	-25°15'17" ♁	-02°22'53"	01°10'52"	1.036

Ephemerides year 2024

22/11/2024 00:00:00	♂	04°45'12" ♏	21°10'42"	02°10'03"	00°10'56"	0.867
22/11/2024 00:00:00	♃	18°21'18" ♐	22°13'54"	-00°41'56"	-00°07'25"	4.122
22/11/2024 00:00:00	♅	12°43'43" ♋	-08°42'21"	-02°04'58"	00°00'40"	9.380
22/11/2024 00:00:00	♁	25°02'16" ♉	18°46'11"	-00°15'46"	-00°02'29"	18.576
22/11/2024 00:00:00	♆	27°12'12" ♋	-02°18'49"	-01°18'35"	-00°00'32"	29.434
22/11/2024 00:00:00	♁	00°02'22" ♁	-23°19'27"	-03°15'31"	00°01'08"	35.628
22/11/2024 00:00:00	♏	04°59'30" ♏	01°59'00"	00°00'00"	-00°01'49"	0.002
22/11/2024 00:00:00	♃	19°38'25" ♏	08°37'22"	01°00'54"	-00°01'55"	17.843
22/11/2024 00:00:00	♁	16°07'41" ♁	-07°22'31"	-01°07'03"	00°06'38"	0.003
22/11/2024 00:00:00	♏	04°59'30" ♏	01°59'00"	00°00'00"	-00°01'49"	0.002
22/11/2024 00:00:00	♁	13°50'31" ♁	-06°11'20"	-00°47'25"	-01°41'54"	0.003
22/11/2024 00:00:00	X	24°36'31" ♏	-00°35'24"	-10°51'59"	-00°00'28"	94.835
22/11/2024 00:00:00	Y	00°39'11" ♐	08°31'44"	-12°00'16"	-00°00'38"	82.355
23/11/2024 00:00:00	♁	01°10'52" ♏	-20°23'43"	00°00'00"	01°00'38"	0.987
23/11/2024 00:00:00	♃	00°30'00" ♎	14°00'45"	02°54'22"	12°10'38"	0.003
23/11/2024 00:00:00	♁	21°56'59" ♏	-25°19'27"	o-02°08'03"	00°26'34"	0.873
23/11/2024 00:00:00	♀	13°19'43" ♎	-25°09'15"	o-02°23'43"	01°10'47"	1.030
23/11/2024 00:00:00	♂	04°55'49" ♏	21°10'31"	02°12'31"	00°10'17"	0.860
23/11/2024 00:00:00	♃	18°13'50" ♐	22°13'20"	-00°41'51"	-00°07'30"	4.118

Ephemerides year 2024

23/11/2024 00:00:00	♃	12°44'27" ♈	-08°41'55"	-02°04'48"	00°00'46"	9.396
23/11/2024 00:00:00	♃	24°59'47" ♈	18°45'36"	-00°15'45"	-00°02'29"	18.578
23/11/2024 00:00:00	♃	27°11'41" ♈	-02°19'00"	-01°18'33"	-00°00'30"	29.449
23/11/2024 00:00:00	♃	00°03'31" ♈	-23°19'13"	-03°15'32"	00°01'09"	35.644
23/11/2024 00:00:00	♃	04°58'35" ♈	01°58'38"	00°00'00"	-00°00'05"	0.002
23/11/2024 00:00:00	♃	19°36'31" ♈	08°36'32"	01°00'48"	-00°01'53"	17.854
23/11/2024 00:00:00	♃	16°14'20" ♈	-07°25'52"	-01°07'55"	00°06'38"	0.003
23/11/2024 00:00:00	♃	04°58'35" ♈	01°58'38"	00°00'00"	-00°00'05"	0.002
23/11/2024 00:00:00	♃	12°32'59" ♈	-05°34'54"	-00°40'37"	-00°54'21"	0.003
23/11/2024 00:00:00	X	24°36'02" ♈	-00°35'28"	-10°51'53"	-00°00'28"	94.845
23/11/2024 00:00:00	Y	00°38'33" ♈	08°31'36"	-12°00'16"	-00°00'38"	82.354
24/11/2024 00:00:00	♃	02°11'31" ♈	-20°35'56"	00°00'00"	01°00'39"	0.987
24/11/2024 00:00:00	♃	12°33'23" ♈	08°39'27"	01°57'32"	11°57'02"	0.003
24/11/2024 00:00:00	♃	22°19'46" ♈	-25°12'03"	-01°59'16"	00°18'51"	0.851
24/11/2024 00:00:00	♃	14°30'28" ♈	-25°02'31"	-02°24'27"	01°10'43"	1.023
24/11/2024 00:00:00	♃	05°05'47" ♈	21°10'30"	02°15'01"	00°09'37"	0.853
24/11/2024 00:00:00	♃	18°06'16" ♈	22°12'46"	-00°41'45"	-00°07'36"	4.114
24/11/2024 00:00:00	♃	12°45'17" ♈	-08°41'27"	-02°04'38"	00°00'53"	9.412
24/11/2024 00:00:00	♃	24°57'18" ♈	18°45'00"	-00°15'45"	-00°02'28"	18.580



Ephemerides year 2024

24/11/2024 00:00:00	♁	27°11'12" ♃	-02°19'10"	-01°18'31"	-00°00'28"	29.465
24/11/2024 00:00:00	♁	00°04'41" ♃	-23°18'58"	-03°15'32"	00°01'10"	35.659
24/11/2024 00:00:00	♁	04°59'03" ♃	01°58'49"	00°00'00"	00°00'52"	0.002
24/11/2024 00:00:00	♁	19°34'39" ♃	08°35'44"	01°00'41"	-00°01'50"	17.866
24/11/2024 00:00:00	♁	16°20'59" ♃	-07°29'14"	-01°08'47"	00°06'38"	0.003
24/11/2024 00:00:00	♁	04°59'03" ♃	01°58'49"	00°00'00"	00°00'52"	0.002
24/11/2024 00:00:00	♁	11°58'04" ♃	-05°18'22"	-00°37'28"	-00°17'51"	0.003
24/11/2024 00:00:00	♁	24°35'34" ♃	-00°35'33"	-10°51'46"	-00°00'28"	94.855
24/11/2024 00:00:00	♁	00°37'55" ♃	08°31'29"	-12°00'16"	-00°00'38"	82.354
25/11/2024 00:00:00	♁	03°12'11" ♃	-20°47'47"	00°00'00"	01°00'41"	0.987
25/11/2024 00:00:00	♁	24°25'54" ♃	03°04'33"	00°56'28"	11°48'53"	0.003
25/11/2024 00:00:00	♁	22°34'27" ♃	-25°02'47"	0-01°49'08"	00°10'21"	0.829
25/11/2024 00:00:00	♁	15°41'09" ♃	-24°55'04"	0-02°25'04"	01°10'38"	1.016
25/11/2024 00:00:00	♁	05°15'05" ♃	21°10'40"	02°17'32"	00°08'57"	0.846
25/11/2024 00:00:00	♁	17°58'37" ♃	22°12'10"	-00°41'40"	-00°07'41"	4.110
25/11/2024 00:00:00	♁	12°46'13" ♃	-08°40'56"	-02°04'28"	00°00'59"	9.429
25/11/2024 00:00:00	♁	24°54'50" ♃	18°44'25"	-00°15'44"	-00°02'28"	18.582
25/11/2024 00:00:00	♁	27°10'44" ♃	-02°19'19"	-01°18'29"	-00°00'26"	29.481
25/11/2024 00:00:00	♁	00°05'53" ♃	-23°18'42"	-03°15'32"	00°01'12"	35.674

Ephemerides year 2024

25/11/2024 00:00:00	♏	05°00'01" ♀	01°59'12"	00°00'00"	00°00'52"	0.002
25/11/2024 00:00:00	♋	19°32'50" ♀	08°34'56"	01°00'34"	-00°01'48"	17.877
25/11/2024 00:00:00	♏	16°27'38" ♀	-07°32'35"	-01°09'38"	00°06'38"	0.003
25/11/2024 00:00:00	♏	05°00'01" ♀	01°59'12"	00°00'00"	00°00'52"	0.002
25/11/2024 00:00:00	♏	11°52'05" ♀	-05°15'25"	-00°36'49"	00°03'14"	0.003
25/11/2024 00:00:00	X	24°35'05" ♀	-00°35'37"	-10°51'40"	-00°00'27"	94.865
25/11/2024 00:00:00	Y	00°37'17" ♀	08°31'22"	-12°00'15"	-00°00'38"	82.354
26/11/2024 00:00:00	♏	04°12'54" ♀	-20°59'14"	-00°00'00"	01°00'43"	0.987
26/11/2024 00:00:00	♏	06°12'55" ♀	-02°34'02"	-00°06'28"	11°45'58"	0.003
26/11/2024 00:00:00	♏	22°40'14" ♀	-24°51'34"	0-01°37'35"	00°01'05"	0.807
26/11/2024 00:00:00	♏	16°51'45" ♀	-24°46'56"	0-02°25'36"	01°10'33"	1.009
26/11/2024 00:00:00	♏	05°23'42" ♀	21°11'00"	02°20'05"	00°08'16"	0.839
26/11/2024 00:00:00	♏	17°50'54" ♀	22°11'34"	-00°41'34"	-00°07'45"	4.106
26/11/2024 00:00:00	♏	12°47'16" ♀	-08°40'22"	-02°04'18"	00°01'05"	9.445
26/11/2024 00:00:00	♏	24°52'22" ♀	18°43'50"	-00°15'43"	-00°02'27"	18.585
26/11/2024 00:00:00	♏	27°10'18" ♀	-02°19'27"	-01°18'27"	-00°00'24"	29.497
26/11/2024 00:00:00	♏	00°07'06" ♀	-23°18'27"	-03°15'32"	00°01'13"	35.689
26/11/2024 00:00:00	♏	05°00'27" ♀	01°59'23"	00°00'00"	-00°00'08"	0.002
26/11/2024 00:00:00	♏	19°31'03" ♀	08°34'09"	01°00'27"	-00°01'45"	17.889

Ephemerides year 2024

26/11/2024 00:00:00	☾	16°34'17" ♌	-07°35'56"	-01°10'30"	00°06'38"	0.003
26/11/2024 00:00:00	♁	05°00'27" ♏	01°59'23"	00°00'00"	-00°00'08"	0.002
26/11/2024 00:00:00	♁	11°59'30" ♌	-05°18'50"	-00°37'22"	00°09'21"	0.003
26/11/2024 00:00:00	X	24°34'38" ♏	-00°35'40"	-10°51'33"	-00°00'27"	94.876
26/11/2024 00:00:00	Y	00°36'39" ♏	08°31'16"	-12°00'15"	-00°00'38"	82.355
27/11/2024 00:00:00	☉	05°13'37" ♏	-21°10'17"	-00°00'00"	01°00'44"	0.987
27/11/2024 00:00:00	☾	17°59'26" ♌	-08°07'10"	-01°08'58"	11°47'46"	0.003
27/11/2024 00:00:00	♀	22°36'23" ♏	-24°38'21"	o-01°24'33"	-00°08'53"	0.786
27/11/2024 00:00:00	♀	18°02'16" ♏	-24°38'06"	o-02°26'02"	01°10'28"	1.002
27/11/2024 00:00:00	♂	05°31'37" ♏	21°11'32"	02°22'39"	00°07'34"	0.833
27/11/2024 00:00:00	♃	17°43'06" ♏	22°10'58"	-00°41'28"	-00°07'49"	4.103
27/11/2024 00:00:00	♃	12°48'25" ♏	-08°39'46"	-02°04'08"	00°01'12"	9.461
27/11/2024 00:00:00	♃	24°49'54" ♏	18°43'15"	-00°15'43"	-00°02'27"	18.588
27/11/2024 00:00:00	♃	27°09'55" ♏	-02°19'34"	-01°18'24"	-00°00'22"	29.513
27/11/2024 00:00:00	♃	00°08'20" ♏	-23°18'11"	-03°15'33"	00°01'15"	35.704
27/11/2024 00:00:00	♁	04°59'25" ♏	01°58'58"	00°00'00"	-00°02'02"	0.002
27/11/2024 00:00:00	♃	19°29'19" ♏	08°33'23"	01°00'20"	-00°01'42"	17.901
27/11/2024 00:00:00	☾	16°40'55" ♌	-07°39'17"	-01°11'22"	00°06'38"	0.003
27/11/2024 00:00:00	♁	04°59'25" ♏	01°58'58"	00°00'00"	-00°02'02"	0.002

Ephemerides year 2024

27/11/2024 00:00:00	T♄	12°07'20" ♈	-05°22'32"	-00°38'04"	00°05'15"	0.003
27/11/2024 00:00:00	X	24°34'11" ♏	-00°35'44"	-10°51'27"	-00°00'27"	94.887
27/11/2024 00:00:00	Y	00°36'00" ♏	08°31'09"	-12°00'14"	-00°00'38"	82.355
28/11/2024 00:00:00	☉	06°14'23" ♏	-21°20'57"	-00°00'00"	01°00'46"	0.987
28/11/2024 00:00:00	☾	29°49'49" ♈	-13°25'05"	-02°08'41"	11°53'33"	0.003
28/11/2024 00:00:00	♀	22°22'15" ♏	-24°23'03"	-01°10'02"	-00°19'27"	0.766
28/11/2024 00:00:00	♀	19°12'41" ♏	-24°28'35"	-02°26'21"	01°10'22"	0.995
28/11/2024 00:00:00	♂	05°38'51" ♏	21°12'14"	02°25'14"	00°06'51"	0.826
28/11/2024 00:00:00	♃	17°35'14" ♏	22°10'20"	-00°41'22"	-00°07'53"	4.101
28/11/2024 00:00:00	♅	12°49'40" ♏	-08°39'08"	-02°03'58"	00°01'18"	9.478
28/11/2024 00:00:00	♁	24°47'27" ♏	18°42'40"	-00°15'42"	-00°02'26"	18.591
28/11/2024 00:00:00	♆	27°09'33" ♏	-02°19'41"	-01°18'22"	-00°00'20"	29.529
28/11/2024 00:00:00	♁	00°09'36" ♏	-23°17'55"	-03°15'33"	00°01'16"	35.719
28/11/2024 00:00:00	♁	04°56'09" ♏	01°57'40"	00°00'00"	-00°04'33"	0.002
28/11/2024 00:00:00	♁	19°27'37" ♏	08°32'38"	01°00'14"	-00°01'40"	17.913
28/11/2024 00:00:00	♁	16°47'34" ♈	-07°42'38"	-01°12'13"	00°06'38"	0.003
28/11/2024 00:00:00	T♁	04°56'09" ♏	01°57'40"	00°00'00"	-00°04'33"	0.002
28/11/2024 00:00:00	T♄	12°09'40" ♈	-05°23'49"	-00°38'27"	00°00'19"	0.003
28/11/2024 00:00:00	X	24°33'44" ♏	-00°35'47"	-10°51'20"	-00°00'26"	94.898

Ephemerides year 2024

28/11/2024 00:00:00	Y	00°35'22" ♀	08°31'03"	-12°00'13"	-00°00'38"	82.356
29/11/2024 00:00:00	☉	07°15'10" ♄	-21°31'12"	-00°00'00"	01°00'47"	0.986
29/11/2024 00:00:00	☾	11°47'36" ♃	-18°16'29"	-03°03'10"	12°02'27"	0.003
29/11/2024 00:00:00	♀	21°57'20" ♄	-24°05'37"	0-00°54'04"	-00°30'24"	0.748
29/11/2024 00:00:00	♀	20°23'01" ♄	-24°18'25"	0-02°26'34"	01°10'17"	0.988
29/11/2024 00:00:00	♂	05°45'21" ♃	21°13'09"	02°27'50"	00°06'08"	0.819
29/11/2024 00:00:00	♃	17°27'19" ♀	22°09'42"	-00°41'16"	-00°07'57"	4.098
29/11/2024 00:00:00	♃	12°51'02" ♃	-08°38'27"	-02°03'47"	00°01'24"	9.494
29/11/2024 00:00:00	♃	24°45'01" ♄	18°42'05"	-00°15'41"	-00°02'25"	18.595
29/11/2024 00:00:00	♃	27°09'14" ♃	-02°19'47"	-01°18'20"	-00°00'18"	29.545
29/11/2024 00:00:00	♃	00°10'53" ♃	-23°17'38"	-03°15'33"	00°01'17"	35.733
29/11/2024 00:00:00	♃	04°50'13" ♃	01°55'19"	00°00'00"	-00°07'18"	0.002
29/11/2024 00:00:00	♃	19°25'58" ♃	08°31'55"	01°00'07"	-00°01'37"	17.926
29/11/2024 00:00:00	♃	16°54'13" ♃	-07°45'59"	-01°13'05"	00°06'38"	0.003
29/11/2024 00:00:00	T♃	04°50'13" ♃	01°55'19"	00°00'00"	-00°07'18"	0.002
29/11/2024 00:00:00	T♃	12°12'12" ♃	-05°25'23"	-00°39'05"	00°08'03"	0.003
29/11/2024 00:00:00	X	24°33'18" ♃	-00°35'50"	-10°51'13"	-00°00'26"	94.910
29/11/2024 00:00:00	Y	00°34'44" ♀	08°30'56"	-12°00'12"	-00°00'37"	82.358
30/11/2024 00:00:00	☉	08°15'58" ♄	-21°41'03"	-00°00'00"	01°00'48"	0.986

Ephemerides year 2024

30/11/2024 00:00:00	♃	23°55'26" ♎	-22°27'51"	-03°50'00"	12°13'29"	0.003
30/11/2024 00:00:00	♆	21°21'24" ♏	-23°46'02"	♁-00°36'43"	-00°41'25"	0.731
30/11/2024 00:00:00	♀	21°33'16" ♏	-24°07'34"	♁-02°26'41"	01°10'11"	0.981
30/11/2024 00:00:00	♂	05°51'07" ♏	21°14'15"	02°30'28"	00°05'24"	0.813
30/11/2024 00:00:00	♃	17°19'20" ♏	22°09'04"	-00°41'09"	-00°08'00"	4.096
30/11/2024 00:00:00	♅	12°52'30" ♏	-08°37'44"	-02°03'37"	00°01'31"	9.511
30/11/2024 00:00:00	♁	24°42'36" ♏	18°41'31"	-00°15'40"	-00°02'24"	18.599
30/11/2024 00:00:00	♆	27°08'56" ♏	-02°19'52"	-01°18'18"	-00°00'16"	29.562
30/11/2024 00:00:00	♁	00°12'12" ♏	-23°17'22"	-03°15'34"	00°01'19"	35.748
30/11/2024 00:00:00	♁	04°41'36" ♏	01°51'54"	00°00'00"	-00°09'50"	0.002
30/11/2024 00:00:00	♁	19°24'22" ♏	08°31'12"	01°00'00"	-00°01'34"	17.938
30/11/2024 00:00:00	♁	17°00'52" ♏	-07°49'20"	-01°13'57"	00°06'39"	0.003
30/11/2024 00:00:00	♁	04°41'36" ♏	01°51'54"	00°00'00"	-00°09'50"	0.002
30/11/2024 00:00:00	♁	12°34'34" ♏	-05°36'31"	-00°41'42"	00°41'47"	0.003
30/11/2024 00:00:00	X	24°32'52" ♏	-00°35'53"	-10°51'07"	-00°00'25"	94.921
30/11/2024 00:00:00	Y	00°34'07" ♏	08°30'50"	-12°00'10"	-00°00'37"	82.359
01/12/2024 00:00:00	♁	09°16'47" ♏	-21°50'29"	-00°00'00"	01°00'50"	0.986
01/12/2024 00:00:00	♃	06°14'58" ♏	-25°43'42"	♁-04°26'46"	12°25'42"	0.003
01/12/2024 00:00:00	♆	20°34'35" ♏	-23°24'20"	-00°18'10"	-00°52'07"	0.715

Ephemerides year 2024

01/12/2024 00:00:00	♀	22°43'24" ♃	-23°56'03" ♁	-02°26'40"	01°10'05"	0.974
01/12/2024 00:00:00	♂	05°56'09" ♁	21°15'33"	02°33'07"	00°04'39"	0.806
01/12/2024 00:00:00	♃	17°11'18" ♃	22°08'25"	-00°41'03"	-00°08'02"	4.094
01/12/2024 00:00:00	♃	12°54'04" ♃	-08°36'58"	-02°03'27"	00°01'37"	9.527
01/12/2024 00:00:00	♃	24°40'12" ♃	18°40'57"	-00°15'40"	-00°02'23"	18.603
01/12/2024 00:00:00	♃	27°08'41" ♃	-02°19'56"	-01°18'16"	-00°00'14"	29.578
01/12/2024 00:00:00	♃	00°13'32" ♃	-23°17'05"	-03°15'34"	00°01'20"	35.762
01/12/2024 00:00:00	♃	04°30'44" ♃	01°47'35"	00°00'00"	-00°11'44"	0.002
01/12/2024 00:00:00	♃	19°22'49" ♃	08°30'30"	00°59'53"	-00°01'31"	17.951
01/12/2024 00:00:00	♃	17°07'31" ♃	-07°52'40"	-01°14'48"	00°06'39"	0.003
01/12/2024 00:00:00	♃	04°30'44" ♃	01°47'35"	00°00'00"	-00°11'44"	0.002
01/12/2024 00:00:00	♃	13°46'22" ♃	-06°11'02"	-00°48'50"	01°46'45"	0.003
01/12/2024 00:00:00	X	24°32'26" ♃	-00°35'56"	-10°51'00"	-00°00'25"	94.933
01/12/2024 00:00:00	Y	00°33'29" ♃	08°30'44"	-12°00'09"	-00°00'37"	82.361
02/12/2024 00:00:00	♃	10°17'38" ♃	-21°59'29"	-00°00'00"	01°00'51"	0.986
02/12/2024 00:00:00	♃	18°46'58" ♃	-27°48'06" ♁	-04°51'17"	12°38'16"	0.003
02/12/2024 00:00:00	♃	19°37'26" ♃	-23°00'36"	00°01'21"	-01°02'00"	0.702
02/12/2024 00:00:00	♀	23°53'27" ♃	-23°43'54" ♁	-02°26'33"	01°09'59"	0.967
02/12/2024 00:00:00	♂	06°00'26" ♁	21°17'04"	02°35'47"	00°03'54"	0.800

Ephemerides year 2024

02/12/2024 00:00:00	♃	17°03'14" ♀	22°07'46"	-00°40'56"	-00°08'05"	4.092
02/12/2024 00:00:00	♅	12°55'45" ♀	-08°36'10"	-02°03'17"	00°01'43"	9.544
02/12/2024 00:00:00	♅	24°37'48" ♂	18°40'23"	-00°15'39"	-00°02'22"	18.607
02/12/2024 00:00:00	♆	27°08'28" ♀	-02°19'59"	-01°18'14"	-00°00'12"	29.595
02/12/2024 00:00:00	♁	00°14'53" ♀	-23°16'47"	-03°15'35"	00°01'22"	35.776
02/12/2024 00:00:00	♁	04°18'27" ♀	01°42'43"	00°00'00"	-00°12'37"	0.002
02/12/2024 00:00:00	♆	19°21'18" ♀	08°29'49"	00°59'46"	-00°01'28"	17.964
02/12/2024 00:00:00	♁	17°14'10" ♀	-07°56'01"	-01°15'40"	00°06'39"	0.003
02/12/2024 00:00:00	♁	04°18'27" ♀	01°42'43"	00°00'00"	-00°12'37"	0.002
02/12/2024 00:00:00	♁	16°15'42" ♀	-07°21'38"	-01°02'45"	03°14'11"	0.003
02/12/2024 00:00:00	X	24°32'02" ♀	-00°35'58"	-10°50'53"	-00°00'24"	94.945
02/12/2024 00:00:00	Y	00°32'51" ♀	08°30'38"	-12°00'07"	-00°00'37"	82.363
03/12/2024 00:00:00	♁	11°18'30" ♂	-22°08'05"	-00°00'00"	01°00'52"	0.986
03/12/2024 00:00:00	♁	01°31'26" ♂	-28°27'32"	-05°01'47"	12°50'35"	0.003
03/12/2024 00:00:00	♆	18°31'02" ♂	-22°35'04"	00°21'31"	-01°10'32"	0.692
03/12/2024 00:00:00	♆	25°03'23" ♂	-23°31'06"	-02°26'20"	01°09'53"	0.960
03/12/2024 00:00:00	♁	06°03'58" ♂	21°18'47"	02°38'28"	00°03'08"	0.793
03/12/2024 00:00:00	♃	16°55'08" ♀	22°07'06"	-00°40'49"	-00°08'07"	4.091
03/12/2024 00:00:00	♅	12°57'32" ♀	-08°35'20"	-02°03'07"	00°01'50"	9.560



Ephemerides year 2024

03/12/2024 00:00:00	♃	24°35'26"	♎	18°39'49"	-00°15'38"	-00°02'21"	18.612
03/12/2024 00:00:00	♃	27°08'17"	♃	-02°20'02"	-01°18'12"	-00°00'10"	29.611
03/12/2024 00:00:00	♃	00°16'16"	♃	-23°16'30"	-03°15'36"	00°01'23"	35.790
03/12/2024 00:00:00	♃	04°05'52"	♎	01°37'43"	00°00'00"	-00°12'20"	0.002
03/12/2024 00:00:00	♃	19°19'51"	♎	08°29'09"	00°59'39"	-00°01'26"	17.977
03/12/2024 00:00:00	♃	17°20'49"	♎	-07°59'21"	-01°16'31"	00°06'39"	0.003
03/12/2024 00:00:00	♃	04°05'52"	♎	01°37'43"	00°00'00"	-00°12'20"	0.002
03/12/2024 00:00:00	♃	20°15'21"	♎	-09°12'57"	-01°24'16"	04°43'15"	0.003
03/12/2024 00:00:00	X	24°31'38"	♎	-00°36'00"	-10°50'46"	-00°00'23"	94.957
03/12/2024 00:00:00	Y	00°32'14"	♎	08°30'33"	-12°00'06"	-00°00'37"	82.366
04/12/2024 00:00:00	♃	12°19'23"	♎	-22°16'14"	-00°00'00"	01°00'53"	0.986
04/12/2024 00:00:00	♃	14°27'57"	♎	-27°34'27"	-04°57'04"	13°02'21"	0.003
04/12/2024 00:00:00	♃	17°17'00"	♎	-22°08'05"	00°41'55"	-01°17'10"	0.684
04/12/2024 00:00:00	♃	26°13'13"	♎	-23°17'41"	-02°25'59"	01°09'46"	0.953
04/12/2024 00:00:00	♃	06°06'43"	♎	21°20'42"	02°41'10"	00°02'21"	0.787
04/12/2024 00:00:00	♃	16°47'00"	♎	22°06'25"	-00°40'41"	-00°08'08"	4.090
04/12/2024 00:00:00	♃	12°59'25"	♃	-08°34'27"	-02°02'57"	00°01'56"	9.577
04/12/2024 00:00:00	♃	24°33'05"	♎	18°39'15"	-00°15'37"	-00°02'20"	18.617
04/12/2024 00:00:00	♃	27°08'07"	♃	-02°20'03"	-01°18'09"	-00°00'08"	29.628

Ephemerides year 2024

04/12/2024 00:00:00	♁	00°17'40" ♁	-23°16'12"	-03°15'36"	00°01'24"	35.803
04/12/2024 00:00:00	♁	03°54'10" ♁	01°33'05"	00°00'00"	-00°10'52"	0.002
04/12/2024 00:00:00	♁	19°18'26" ♁	08°28'31"	00°59'31"	-00°01'23"	17.991
04/12/2024 00:00:00	♁	17°27'29" ♁	-08°02'42"	-01°17'22"	00°06'39"	0.003
04/12/2024 00:00:00	♁	03°54'10" ♁	01°33'05"	00°00'00"	-00°10'52"	0.002
04/12/2024 00:00:00	♁	25°34'19" ♁	-11°37'16"	-01°51'49"	05°48'42"	0.003
04/12/2024 00:00:00	X	24°31'14" ♁	-00°36'02"	-10°50'38"	-00°00'23"	94.970
04/12/2024 00:00:00	Y	00°31'37" ♁	08°30'28"	-12°00'04"	-00°00'37"	82.369
05/12/2024 00:00:00	♁	13°20'17" ♁	-22°23'58"	-00°00'00"	01°00'54"	0.985
05/12/2024 00:00:00	♁	27°35'58" ♁	-25°09'31"	-04°36'41"	13°13'36"	0.003
05/12/2024 00:00:00	♁	15°57'28" ♁	-21°40'08"	01°02'05"	-01°21'27"	0.680
05/12/2024 00:00:00	♁	27°22'56" ♁	-23°03'39"	-02°25'31"	01°09'39"	0.946
05/12/2024 00:00:00	♁	06°08'41" ♁	21°22'50"	02°43'53"	00°01'34"	0.781
05/12/2024 00:00:00	♁	16°38'51" ♁	22°05'44"	-00°40'34"	-00°08'09"	4.090
05/12/2024 00:00:00	♁	13°01'24" ♁	-08°33'32"	-02°02'47"	00°02'02"	9.594
05/12/2024 00:00:00	♁	24°30'45" ♁	18°38'42"	-00°15'36"	-00°02'19"	18.623
05/12/2024 00:00:00	♁	27°08'00" ♁	-02°20'04"	-01°18'07"	-00°00'06"	29.645
05/12/2024 00:00:00	♁	00°19'05" ♁	-23°15'55"	-03°15'37"	00°01'25"	35.817
05/12/2024 00:00:00	♁	03°44'25" ♁	01°29'12"	00°00'00"	-00°08'30"	0.002

Ephemerides year 2024

05/12/2024 00:00:00	♄	19°17'05" ♏	08°27'53"	00°59'24"	-00°01'20"	18.004
05/12/2024 00:00:00	♁	17°34'08" ♉	-08°06'02"	-01°18'14"	00°06'39"	0.003
05/12/2024 00:00:00	♁♁	03°44'25" ♏	01°29'12"	00°00'00"	-00°08'30"	0.002
05/12/2024 00:00:00	♁♁	01°37'44" ♎	-14°15'17"	-02°21'44"	06°09'22"	0.003
05/12/2024 00:00:00	X	24°30'51" ♏	-00°36'03"	-10°50'31"	-00°00'23"	94.982
05/12/2024 00:00:00	Y	00°31'00" ♏	08°30'22"	-12°00'02"	-00°00'37"	82.372
06/12/2024 00:00:00	♁	14°21'12" ♏	-22°31'16"	-00°00'00"	01°00'55"	0.985
06/12/2024 00:00:00	♁	10°55'05" ♎	-21°21'12"	-04°01'06"	13°24'39"	0.003
06/12/2024 00:00:00	♁	14°34'58" ♏	-21°11'51"	01°21'31"	-01°23'03"	0.678
06/12/2024 00:00:00	♁	28°32'32" ♎	-22°49'00"	-02°24'57"	01°09'32"	0.939
06/12/2024 00:00:00	♁	06°09'52" ♎	21°25'11"	02°46'37"	00°00'47"	0.774
06/12/2024 00:00:00	♁	16°30'41" ♏	22°05'03"	-00°40'26"	-00°08'10"	4.089
06/12/2024 00:00:00	♁	13°03'30" ♎	-08°32'34"	-02°02'37"	00°02'08"	9.610
06/12/2024 00:00:00	♁	24°28'26" ♏	18°38'09"	-00°15'36"	-00°02'18"	18.628
06/12/2024 00:00:00	♁	27°07'55" ♏	-02°20'04"	-01°18'05"	-00°00'04"	29.662
06/12/2024 00:00:00	♁	00°20'32" ♎	-23°15'37"	-03°15'38"	00°01'27"	35.830
06/12/2024 00:00:00	♁	03°37'19" ♏	01°26'23"	00°00'00"	-00°05'38"	0.002
06/12/2024 00:00:00	♁	19°15'46" ♏	08°27'17"	00°59'17"	-00°01'17"	18.018
06/12/2024 00:00:00	♁	17°40'47" ♉	-08°09'22"	-01°19'05"	00°06'39"	0.003

Ephemerides year 2024

06/12/2024 00:00:00	T♄	03°37'19" ♀	01°26'23"	00°00'00"	-00°05'38"	0.002
06/12/2024 00:00:00	T♄	07°34'32" ♀	-16°42'21"	-02°49'24"	05°34'57"	0.003
06/12/2024 00:00:00	X	24°30'28" ♀	-00°36'04"	-10°50'24"	-00°00'22"	94.995
06/12/2024 00:00:00	Y	00°30'23" ♀	08°30'18"	-11°59'59"	-00°00'36"	82.375
07/12/2024 00:00:00	♁	15°22'07" ♀	-22°38'07"	-00°00'00"	01°00'55"	0.985
07/12/2024 00:00:00	♂	24°25'21" ♀	-16°23'23"	-03°11'36"	13°35'55"	0.003
07/12/2024 00:00:00	♀	13°12'18" ♀	-20°44'00"	01°39'44"	-01°21'49"	0.680
07/12/2024 00:00:00	♁	29°42'00" ♀	-22°33'45"	-02°24'15"	01°09'24"	0.932
07/12/2024 00:00:00	♂	06°10'15" ♀	21°27'44"	02°49'22"	-00°00'00"	0.768
07/12/2024 00:00:00	♂	16°22'30" ♀	22°04'22"	-00°40'18"	-00°08'10"	4.089
07/12/2024 00:00:00	♂	13°05'41" ♀	-08°31'35"	-02°02'27"	00°02'14"	9.627
07/12/2024 00:00:00	♂	24°26'08" ♀	18°37'36"	-00°15'35"	-00°02'17"	18.634
07/12/2024 00:00:00	♂	27°07'52" ♀	-02°20'03"	-01°18'03"	-00°00'02"	29.679
07/12/2024 00:00:00	♂	00°21'59" ♀	-23°15'18"	-03°15'39"	00°01'28"	35.843
07/12/2024 00:00:00	♁	03°33'06" ♀	01°24'43"	00°00'00"	-00°02'52"	0.002
07/12/2024 00:00:00	♂	19°14'30" ♀	08°26'41"	00°59'10"	-00°01'14"	18.032
07/12/2024 00:00:00	♂	17°47'26" ♀	-08°12'42"	-01°19'56"	00°06'39"	0.003
07/12/2024 00:00:00	T♄	03°33'06" ♀	01°24'43"	00°00'00"	-00°02'52"	0.002
07/12/2024 00:00:00	T♄	12°30'36" ♀	-18°37'11"	-03°10'54"	04°09'54"	0.003

Ephemerides year 2024

07/12/2024 00:00:00	X	24°30'05" ♄r	-00°36'05"	-10°50'16"	-00°00'22"	95.008
07/12/2024 00:00:00	Y	00°29'46" ♄r	08°30'13"	-11°59'57"	-00°00'36"	82.379
08/12/2024 00:00:00	☉	16°23'03" ♄	-22°44'32"	-00°00'00"	01°00'56"	0.985
08/12/2024 00:00:00	☾	08°07'08" ♄	-10°32'26"	-02°10'25"	13°47'44"	0.003
08/12/2024 00:00:00	♀	11°52'14" ♄r	-20°17'23"	01°56'17"	-01°17'50"	0.685
08/12/2024 00:00:00	♀	00°51'21" ♁	-22°17'55"	-02°23'25"	01°09'16"	0.925
08/12/2024 00:00:00	♂	06°09'50" ♄r	21°30'31"	02°52'07"	-00°00'49"	0.762
08/12/2024 00:00:00	♃	16°14'19" ♄r	22°03'40"	-00°40'10"	-00°08'10"	4.090
08/12/2024 00:00:00	♅	13°07'59" ♄	-08°30'33"	-02°02'17"	00°02'20"	9.643
08/12/2024 00:00:00	♁	24°23'51" ♄r	18°37'03"	-00°15'34"	-00°02'15"	18.641
08/12/2024 00:00:00	♃	27°07'51" ♄	-02°20'02"	-01°18'00"	00°00'00"	29.696
08/12/2024 00:00:00	♁	00°23'28" ♁	-23°15'00"	-03°15'40"	00°01'29"	35.855
08/12/2024 00:00:00	♁	03°31'21" ♄r	01°24'01"	00°00'00"	-00°00'46"	0.002
08/12/2024 00:00:00	♃	19°13'17" ♄r	08°26'07"	00°59'03"	-00°01'11"	18.046
08/12/2024 00:00:00	♁	17°54'05" ♁	-08°16'02"	-01°20'48"	00°06'38"	0.003
08/12/2024 00:00:00	T♁	03°31'21" ♄r	01°24'01"	00°00'00"	-00°00'46"	0.002
08/12/2024 00:00:00	T♃	15°43'54" ♄	-19°48'07"	-03°24'06"	02°13'54"	0.003
08/12/2024 00:00:00	X	24°29'44" ♄r	-00°36'06"	-10°50'09"	-00°00'21"	95.022
08/12/2024 00:00:00	Y	00°29'09" ♄r	08°30'08"	-11°59'54"	-00°00'36"	82.383

Ephemerides year 2024

09/12/2024 00:00:00	♁	17°24'00" ♀	-22°50'29"	-00°00'00"	01°00'57"	0.985
09/12/2024 00:00:00	♃	22°01'00" ♀	-04°05'44"	-01°00'39"	14°00'03"	0.002
09/12/2024 00:00:00	♁	10°37'25" ♀	-19°52'45"	02°10'52"	-01°11'25"	0.693
09/12/2024 00:00:00	♁	02°00'33" ♀	-22°01'31"	-02°22'29"	01°09'08"	0.918
09/12/2024 00:00:00	♁	06°08'37" ♀	21°33'30"	02°54'53"	-00°01'38"	0.757
09/12/2024 00:00:00	♁	16°06'08" ♀	22°02'58"	-00°40'02"	-00°08'10"	4.090
09/12/2024 00:00:00	♁	13°10'22" ♀	-08°29'28"	-02°02'07"	00°02'26"	9.660
09/12/2024 00:00:00	♁	24°21'36" ♀	18°36'31"	-00°15'33"	-00°02'14"	18.647
09/12/2024 00:00:00	♁	27°07'52" ♀	-02°19'59"	-01°17'58"	00°00'02"	29.713
09/12/2024 00:00:00	♁	00°24'58" ♀	-23°14'41"	-03°15'41"	00°01'30"	35.868
09/12/2024 00:00:00	♁	03°31'10" ♀	01°23'57"	00°00'00"	00°00'12"	0.002
09/12/2024 00:00:00	♁	19°12'07" ♀	08°25'34"	00°58'56"	-00°01'08"	18.060
09/12/2024 00:00:00	♁	18°00'44" ♀	-08°19'22"	-01°21'39"	00°06'38"	0.003
09/12/2024 00:00:00	♁	03°31'10" ♀	01°23'57"	00°00'00"	00°00'12"	0.002
09/12/2024 00:00:00	♁	16°58'44" ♀	-20°14'36"	-03°28'58"	00°18'58"	0.003
09/12/2024 00:00:00	X	24°29'22" ♀	-00°36'06"	-10°50'01"	-00°00'21"	95.035
09/12/2024 00:00:00	Y	00°28'33" ♀	08°30'04"	-11°59'52"	-00°00'36"	82.387
10/12/2024 00:00:00	♁	18°24'57" ♀	-22°56'00"	-00°00'00"	01°00'57"	0.985
10/12/2024 00:00:00	♃	06°07'15" ♀	02°38'30"	00°13'47"	14°12'21"	0.002

Ephemerides year 2024

10/12/2024 00:00:00	♀	09°30'04" ♏r	-19°30'49"	02°23'15"	-01°02'59"	0.704
10/12/2024 00:00:00	♀	03°09'37" ♍	-21°44'33"	-02°21'25"	01°08'59"	0.911
10/12/2024 00:00:00	♂	06°06'34" ♏r	21°36'41"	02°57'39"	-00°02'27"	0.751
10/12/2024 00:00:00	♃	15°57'58" ♏r	22°02'16"	-00°39'53"	-00°08'09"	4.091
10/12/2024 00:00:00	♃	13°12'52" ♏	-08°28'22"	-02°01'57"	00°02'32"	9.676
10/12/2024 00:00:00	♃	24°19'22" ♏r	18°35'59"	-00°15'32"	-00°02'13"	18.654
10/12/2024 00:00:00	♃	27°07'55" ♏	-02°19'56"	-01°17'56"	00°00'04"	29.730
10/12/2024 00:00:00	♃	00°26'29" ♍	-23°14'23"	-03°15'42"	00°01'31"	35.880
10/12/2024 00:00:00	♏	03°31'18" ♏r	01°24'00"	00°00'00"	-00°00'10"	0.002
10/12/2024 00:00:00	♏	19°11'00" ♏r	08°25'02"	00°58'49"	-00°01'05"	18.075
10/12/2024 00:00:00	♏	18°07'23" ♏	-08°22'42"	-01°22'30"	00°06'38"	0.003
10/12/2024 00:00:00	♏	03°31'18" ♏r	01°24'00"	00°00'00"	-00°00'10"	0.002
10/12/2024 00:00:00	♏	16°33'40" ♏r	-20°05'39"	-03°27'13"	-01°01'09"	0.003
10/12/2024 00:00:00	X	24°29'01" ♏r	-00°36'07"	-10°49'53"	-00°00'20"	95.049
10/12/2024 00:00:00	Y	00°27'57" ♏r	08°30'00"	-11°59'49"	-00°00'36"	82.391
11/12/2024 00:00:00	♏	19°25'55" ♏	-23°01'03"	00°00'00"	01°00'58"	0.985
11/12/2024 00:00:00	♏	20°25'20" ♏	09°20'28"	01°28'18"	14°23'28"	0.002
11/12/2024 00:00:00	♀	08°31'56" ♏r	-19°12'05"	02°33'19"	-00°53'05"	0.717
11/12/2024 00:00:00	♀	04°18'32" ♍	-21°27'02"	-02°20'13"	01°08'50"	0.904

Ephemerides year 2024

11/12/2024 00:00:00	♂	06°03'42" ♏r	21°40'06"	03°00'25"	-00°03'16"	0.745
11/12/2024 00:00:00	♃	15°49'49" ♏r	22°01'33"	-00°39'44"	-00°08'08"	4.093
11/12/2024 00:00:00	♃	13°15'27" ♏r	-08°27'13"	-02°01'47"	00°02'38"	9.693
11/12/2024 00:00:00	♃	24°17'10" ♏r	18°35'28"	-00°15'31"	-00°02'11"	18.661
11/12/2024 00:00:00	♃	27°08'01" ♏r	-02°19'52"	-01°17'54"	00°00'06"	29.747
11/12/2024 00:00:00	♃	00°28'01" ♏r	-23°14'04"	-03°15'43"	00°01'32"	35.892
11/12/2024 00:00:00	♏	03°30'23" ♏r	01°23'38"	00°00'00"	-00°01'50"	0.002
11/12/2024 00:00:00	♃	19°09'57" ♏r	08°24'31"	00°58'41"	-00°01'02"	18.089
11/12/2024 00:00:00	♃	18°14'02" ♏r	-08°26'01"	-01°23'21"	00°06'38"	0.003
11/12/2024 00:00:00	♏	03°30'23" ♏r	01°23'38"	00°00'00"	-00°01'50"	0.002
11/12/2024 00:00:00	♃	15°13'26" ♏r	-19°36'52"	-03°21'45"	-01°31'18"	0.003
11/12/2024 00:00:00	X	24°28'41" ♏r	-00°36'07"	-10°49'46"	-00°00'19"	95.062
11/12/2024 00:00:00	Y	00°27'21" ♏r	08°29'55"	-11°59'46"	-00°00'35"	82.396
12/12/2024 00:00:00	♃	20°26'54" ♏r	-23°05'40"	00°00'00"	01°00'58"	0.985
12/12/2024 00:00:00	♃	04°53'14" ♏r	15°37'39"	02°37'52"	14°31'42"	0.002
12/12/2024 00:00:00	♃	07°44'11" ♏r	-18°56'57"	02°41'05"	-00°42'17"	0.733
12/12/2024 00:00:00	♃	05°27'18" ♏r	-21°08'58"	-02°18'54"	01°08'41"	0.896
12/12/2024 00:00:00	♂	06°00'01" ♏r	21°43'43"	03°03'12"	-00°04'05"	0.739
12/12/2024 00:00:00	♃	15°41'41" ♏r	22°00'51"	-00°39'35"	-00°08'06"	4.094



Ephemerides year 2024

12/12/2024 00:00:00	♄	13°18'09" ♈	-08°26'02"	-02°01'38"	00°02'44"	9.709
12/12/2024 00:00:00	♃	24°14'59" ♉	18°34'57"	-00°15'30"	-00°02'09"	18.669
12/12/2024 00:00:00	♃	27°08'08" ♈	-02°19'47"	-01°17'52"	00°00'08"	29.764
12/12/2024 00:00:00	♃	00°29'34" ♋	-23°13'44"	-03°15'45"	00°01'33"	35.904
12/12/2024 00:00:00	♃	03°27'17" ♈	01°22'24"	00°00'00"	-00°04'28"	0.002
12/12/2024 00:00:00	♃	19°08'56" ♈	08°24'01"	00°58'34"	-00°00'58"	18.104
12/12/2024 00:00:00	♃	18°20'41" ♋	-08°29'21"	-01°24'12"	00°06'39"	0.003
12/12/2024 00:00:00	♃	03°27'17" ♈	01°22'24"	00°00'00"	-00°04'28"	0.002
12/12/2024 00:00:00	♃	13°43'20" ♉	-19°03'55"	-03°15'35"	-01°25'11"	0.003
12/12/2024 00:00:00	X	24°28'22" ♈	-00°36'06"	-10°49'38"	-00°00'19"	95.076
12/12/2024 00:00:00	Y	00°26'45" ♈	08°29'52"	-11°59'43"	-00°00'35"	82.401
13/12/2024 00:00:00	♃	21°27'53" ♈	-23°09'48"	00°00'00"	01°00'59"	0.984
13/12/2024 00:00:00	♃	19°27'09" ♉	21°04'44"	03°37'31"	14°35'11"	0.002
13/12/2024 00:00:00	♃	07°07'29" ♈	-18°45'35"	02°46'36"	-00°31'04"	0.751
13/12/2024 00:00:00	♃	06°35'55" ♋	-20°50'24"	-02°17'28"	01°08'31"	0.889
13/12/2024 00:00:00	♃	05°55'31" ♉	21°47'32"	03°05'59"	-00°04'55"	0.734
13/12/2024 00:00:00	♃	15°33'35" ♈	22°00'08"	-00°39'26"	-00°08'04"	4.096
13/12/2024 00:00:00	♄	13°20'56" ♈	-08°24'48"	-02°01'28"	00°02'50"	9.726
13/12/2024 00:00:00	♃	24°12'50" ♉	18°34'26"	-00°15'29"	-00°02'08"	18.676

Ephemerides year 2024

13/12/2024 00:00:00	♁	27°08'17" ♃	-02°19'41"	-01°17'49"	00°00'10"	29.782
13/12/2024 00:00:00	♁	00°31'08" ♁	-23°13'25"	-03°15'46"	00°01'34"	35.916
13/12/2024 00:00:00	♁	03°21'19" ♃	01°20'02"	00°00'00"	-00°07'28"	0.002
13/12/2024 00:00:00	♁	19°07'59" ♃	08°23'33"	00°58'27"	-00°00'55"	18.119
13/12/2024 00:00:00	♁	18°27'20" ♁	-08°32'40"	-01°25'03"	00°06'39"	0.003
13/12/2024 00:00:00	♁	03°21'19" ♃	01°20'02"	00°00'00"	-00°07'28"	0.002
13/12/2024 00:00:00	♁	12°25'33" ♃	-18°35'04"	-03°10'19"	-01°11'21"	0.003
13/12/2024 00:00:00	X	24°28'03" ♃	-00°36'06"	-10°49'30"	-00°00'18"	95.090
13/12/2024 00:00:00	Y	00°26'09" ♃	08°29'48"	-11°59'40"	-00°00'35"	82.407
14/12/2024 00:00:00	♁	22°28'53" ♃	-23°13'29"	00°00'00"	01°01'00"	0.984
14/12/2024 00:00:00	♁	04°01'30" ♃	25°15'15" ♁	04°22'54"	14°32'20"	0.002
14/12/2024 00:00:00	♁	06°42'02" ♃	-18°37'59"	02°50'04"	-00°19'51"	0.770
14/12/2024 00:00:00	♁	07°44'22" ♁	-20°31'18"	-02°15'53"	01°08'22"	0.882
14/12/2024 00:00:00	♁	05°50'10" ♃	21°51'34"	03°08'46"	-00°05'45"	0.729
14/12/2024 00:00:00	♁	15°25'31" ♃	21°59'25"	-00°39'17"	-00°08'02"	4.098
14/12/2024 00:00:00	♁	13°23'49" ♃	-08°23'33"	-02°01'18"	00°02'56"	9.742
14/12/2024 00:00:00	♁	24°10'42" ♃	18°33'55"	-00°15'28"	-00°02'06"	18.684
14/12/2024 00:00:00	♁	27°08'29" ♃	-02°19'34"	-01°17'47"	00°00'12"	29.799
14/12/2024 00:00:00	♁	00°32'44" ♁	-23°13'05"	-03°15'47"	00°01'35"	35.927

Ephemerides year 2024

14/12/2024 00:00:00	♏	03°12'25" ♀	01°16'30"	00°00'00"	-00°10'12"	0.002
14/12/2024 00:00:00	♋	19°07'05" ♀	08°23'05"	00°58'20"	-00°00'52"	18.134
14/12/2024 00:00:00	♌	18°33'59" ♀	-08°36'00"	-01°25'54"	00°06'39"	0.003
14/12/2024 00:00:00	♏	03°12'25" ♀	01°16'30"	00°00'00"	-00°10'12"	0.002
14/12/2024 00:00:00	♌	11°15'32" ♀	-18°08'56"	-03°05'47"	-01°12'13"	0.003
14/12/2024 00:00:00	X	24°27'44" ♀	-00°36'05"	-10°49'22"	-00°00'18"	95.105
14/12/2024 00:00:00	Y	00°25'34" ♀	08°29'44"	-11°59'36"	-00°00'34"	82.412
15/12/2024 00:00:00	♏	23°29'54" ♀	-23°16'42"	00°00'00"	01°01'00"	0.984
15/12/2024 00:00:00	♎	18°29'28" ♀	27°46'15" ♀	04°50'59"	14°22'25"	0.002
15/12/2024 00:00:00	♌	06°27'39" ♀	-18°34'02"	02°51'38"	-00°09'00"	0.790
15/12/2024 00:00:00	♌	08°52'39" ♀	-20°11'43"	-02°14'11"	01°08'12"	0.875
15/12/2024 00:00:00	♌	05°44'00" ♀	21°55'47"	03°11'32"	-00°06'35"	0.723
15/12/2024 00:00:00	♌	15°17'30" ♀	21°58'42"	-00°39'08"	-00°07'59"	4.101
15/12/2024 00:00:00	♌	13°26'48" ♀	-08°22'15"	-02°01'09"	00°03'01"	9.758
15/12/2024 00:00:00	♌	24°08'37" ♀	18°33'25"	-00°15'27"	-00°02'04"	18.692
15/12/2024 00:00:00	♌	27°08'43" ♀	-02°19'27"	-01°17'45"	00°00'14"	29.816
15/12/2024 00:00:00	♌	00°34'20" ♀	-23°12'46"	-03°15'49"	00°01'37"	35.938
15/12/2024 00:00:00	♏	03°01'11" ♀	01°12'02"	00°00'00"	-00°12'04"	0.002
15/12/2024 00:00:00	♋	19°06'14" ♀	08°22'39"	00°58'12"	-00°00'49"	18.149

Ephemerides year 2024

15/12/2024 00:00:00	☾	18°40'38" ♁	-08°39'19"	-01°26'45"	00°06'39"	0.003
15/12/2024 00:00:00	♁	03°01'11" ♄	01°12'02"	00°00'00"	-00°12'04"	0.002
15/12/2024 00:00:00	♁	09°53'17" ♃	-17°37'57"	-03°00'37"	-01°36'03"	0.003
15/12/2024 00:00:00	X	24°27'26" ♄	-00°36'04"	-10°49'14"	-00°00'17"	95.119
15/12/2024 00:00:00	Y	00°25'00" ♃	08°29'41"	-11°59'32"	-00°00'34"	82.418
16/12/2024 00:00:00	☉	24°30'55" ♄	-23°19'28"	00°00'00"	01°01'01"	0.984
16/12/2024 00:00:00	☾	02°44'06" ♃	28°24'57" ♁	05°00'24"	14°05'51"	0.002
16/12/2024 00:00:00	♀	06°23'50" ♄	-18°33'31"	02°51'31"	00°01'16"	0.812
16/12/2024 00:00:00	♀	10°00'46" ♃	-19°51'39"	-02°12'21"	01°08'01"	0.868
16/12/2024 00:00:00	♂	05°36'59" ♃	22°00'13"	03°14'18"	-00°07'25"	0.718
16/12/2024 00:00:00	♃	15°09'32" ♃	21°57'59"	-00°38'58"	-00°07'56"	4.104
16/12/2024 00:00:00	♃	13°29'53" ♃	-08°20'55"	-02°00'59"	00°03'07"	9.775
16/12/2024 00:00:00	♃	24°06'33" ♃	18°32'56"	-00°15'26"	-00°02'02"	18.701
16/12/2024 00:00:00	♃	27°08'59" ♃	-02°19'18"	-01°17'43"	00°00'16"	29.833
16/12/2024 00:00:00	♃	00°35'58" ♃	-23°12'26"	-03°15'51"	00°01'38"	35.949
16/12/2024 00:00:00	♁	02°48'42" ♄	01°07'04"	00°00'00"	-00°12'40"	0.002
16/12/2024 00:00:00	♃	19°05'26" ♄	08°22'14"	00°58'05"	-00°00'46"	18.164
16/12/2024 00:00:00	☾	18°47'17" ♁	-08°42'38"	-01°27'36"	00°06'39"	0.003
16/12/2024 00:00:00	♁	02°48'42" ♄	01°07'04"	00°00'00"	-00°12'40"	0.002

Ephemerides year 2024

16/12/2024 00:00:00	T♄	07°57'19" ♍	-16°53'25"	-02°53'13"	-02°17'52"	0.003
16/12/2024 00:00:00	X	24°27'09" ♏	-00°36'02"	-10°49'06"	-00°00'16"	95.134
16/12/2024 00:00:00	Y	00°24'25" ♏	08°29'38"	-11°59'29"	-00°00'34"	82.424
17/12/2024 00:00:00	☉	25°31'57" ♏	-23°21'46"	00°00'00"	01°01'02"	0.984
17/12/2024 00:00:00	☾	16°39'29" ♏	27°13'16" ♏	04°51'35"	13°44'13"	0.003
17/12/2024 00:00:00	♀	06°29'57" ♏	-18°36'07"	02°49'55"	00°10'50"	0.834
17/12/2024 00:00:00	♀	11°08'42" ♏	-19°31'06"	-02°10'23"	01°07'50"	0.860
17/12/2024 00:00:00	♂	05°29'08" ♏	22°04'50"	03°17'03"	-00°08'16"	0.713
17/12/2024 00:00:00	♃	15°01'36" ♏	21°57'16"	-00°38'48"	-00°07'53"	4.107
17/12/2024 00:00:00	♅	13°33'03" ♏	-08°19'33"	-02°00'50"	00°03'13"	9.791
17/12/2024 00:00:00	♁	24°04'31" ♏	18°32'27"	-00°15'25"	-00°02'01"	18.710
17/12/2024 00:00:00	♃	27°09'17" ♏	-02°19'09"	-01°17'40"	00°00'18"	29.851
17/12/2024 00:00:00	♁	00°37'36" ♏	-23°12'06"	-03°15'52"	00°01'38"	35.960
17/12/2024 00:00:00	♁	02°36'16" ♏	01°02'08"	00°00'00"	-00°11'56"	0.002
17/12/2024 00:00:00	♁	19°04'42" ♏	08°21'51"	00°57'58"	-00°00'42"	18.180
17/12/2024 00:00:00	♁	18°53'57" ♏	-08°45'57"	-01°28'27"	00°06'39"	0.003
17/12/2024 00:00:00	T♁	02°36'16" ♏	01°02'08"	00°00'00"	-00°11'56"	0.002
17/12/2024 00:00:00	T♄	05°16'31" ♏	-15°49'54"	-02°42'31"	-03°02'36"	0.003
17/12/2024 00:00:00	X	24°26'53" ♏	-00°36'01"	-10°48'58"	-00°00'16"	95.148

Ephemerides year 2024

17/12/2024 00:00:00	Y	00°23'51" ♀	08°29'35"	-11°59'25"	-00°00'33"	82.431
18/12/2024 00:00:00	☉	26°33'00" ♄	-23°23'35"	00°00'00"	01°01'03"	0.984
18/12/2024 00:00:00	☾	00°11'36" ♃	24°26'36"	04°26'23"	13°19'47"	0.003
18/12/2024 00:00:00	♀	06°45'14" ♄	-18°41'29"	02°47'02"	00°19'35"	0.857
18/12/2024 00:00:00	♀	12°16'28" ♁	-19°10'06"	-02°08'17"	01°07'39"	0.853
18/12/2024 00:00:00	♂	05°20'27" ♃	22°09'39"	03°19'48"	-00°09'06"	0.708
18/12/2024 00:00:00	♃	14°53'44" ♀	21°56'34"	-00°38'39"	-00°07'50"	4.111
18/12/2024 00:00:00	♃	13°36'19" ♃	-08°18'09"	-02°00'41"	00°03'18"	9.807
18/12/2024 00:00:00	♃	24°02'31" ♃	18°31'58"	-00°15'24"	-00°01'59"	18.719
18/12/2024 00:00:00	♃	27°09'37" ♃	-02°18'59"	-01°17'38"	00°00'20"	29.868
18/12/2024 00:00:00	♃	00°39'16" ♁	-23°11'45"	-03°15'54"	00°01'39"	35.971
18/12/2024 00:00:00	♃	02°25'12" ♃	00°57'44"	00°00'00"	-00°10'03"	0.002
18/12/2024 00:00:00	♃	19°04'01" ♃	08°21'28"	00°57'50"	-00°00'39"	18.195
18/12/2024 00:00:00	♃	19°00'36" ♃	-08°49'16"	-01°29'18"	00°06'39"	0.003
18/12/2024 00:00:00	T♃	02°25'12" ♃	00°57'44"	00°00'00"	-00°10'03"	0.002
18/12/2024 00:00:00	T♃	01°57'38" ♃	-14°28'42"	-02°28'39"	-03°30'56"	0.003
18/12/2024 00:00:00	X	24°26'37" ♃	-00°35'59"	-10°48'50"	-00°00'15"	95.163
18/12/2024 00:00:00	Y	00°23'17" ♀	08°29'33"	-11°59'21"	-00°00'33"	82.438
19/12/2024 00:00:00	☉	27°34'03" ♄	-23°24'57"	00°00'00"	01°01'03"	0.984

Ephemerides year 2024

19/12/2024 00:00:00	♃	13°18'57" ♁	20°27'17"	03°47'36"	12°55'03"	0.003
19/12/2024 00:00:00	♆	07°08'52" ♂	-18°49'17"	02°43'05"	00°27'32"	0.879
19/12/2024 00:00:00	♀	13°24'02" ♁	-18°48'38"	-02°06'03"	01°07'28"	0.846
19/12/2024 00:00:00	♂	05°10'56" ♁	22°14'39"	03°22'31"	-00°09'56"	0.704
19/12/2024 00:00:00	♃	14°45'56" ♃	21°55'51"	-00°38'29"	-00°07'46"	4.114
19/12/2024 00:00:00	♃	13°39'41" ♃	-08°16'43"	-02°00'31"	00°03'24"	9.823
19/12/2024 00:00:00	♃	24°00'32" ♂	18°31'30"	-00°15'23"	-00°01'57"	18.728
19/12/2024 00:00:00	♃	27°09'59" ♃	-02°18'48"	-01°17'36"	00°00'23"	29.885
19/12/2024 00:00:00	♃	00°40'56" ♁	-23°11'25"	-03°15'56"	00°01'40"	35.981
19/12/2024 00:00:00	♁	02°16'25" ♃	00°54'15"	00°00'00"	-00°07'26"	0.002
19/12/2024 00:00:00	♃	19°03'23" ♃	08°21'07"	00°57'43"	-00°00'36"	18.211
19/12/2024 00:00:00	♃	19°07'15" ♃	-08°52'35"	-01°30'09"	00°06'39"	0.003
19/12/2024 00:00:00	♁	02°16'25" ♃	00°54'15"	00°00'00"	-00°07'26"	0.002
19/12/2024 00:00:00	♃	28°24'38" ♃	-12°58'48"	-02°13'03"	-03°29'46"	0.003
19/12/2024 00:00:00	X	24°26'21" ♃	-00°35'57"	-10°48'41"	-00°00'15"	95.178
19/12/2024 00:00:00	Y	00°22'44" ♃	08°29'30"	-11°59'17"	-00°00'33"	82.445
20/12/2024 00:00:00	♁	28°35'08" ♂	-23°25'50"	00°00'00"	01°01'04"	0.984
20/12/2024 00:00:00	♃	26°02'23" ♁	15°38'01"	02°58'23"	12°32'16"	0.003
20/12/2024 00:00:00	♆	07°40'03" ♂	-18°59'08"	02°38'12"	00°34'40"	0.902

Ephemerides year 2024

20/12/2024 00:00:00	♀	14°31'24" ♊	-18°26'45"	-02°03'41"	01°07'16"	0.839
20/12/2024 00:00:00	♂	05°00'34" ♏	22°19'50"	03°25'14"	-00°10'46"	0.699
20/12/2024 00:00:00	♃	14°38'12" ♉	21°55'09"	-00°38'18"	-00°07'41"	4.118
20/12/2024 00:00:00	♅	13°43'07" ♋	-08°15'15"	-02°00'22"	00°03'29"	9.839
20/12/2024 00:00:00	♁	23°58'36" ♄	18°31'02"	-00°15'22"	-00°01'55"	18.738
20/12/2024 00:00:00	♃	27°10'23" ♋	-02°18'37"	-01°17'34"	00°00'25"	29.903
20/12/2024 00:00:00	♊	00°42'37" ♊	-23°11'05"	-03°15'58"	00°01'41"	35.991
20/12/2024 00:00:00	♏	02°10'24" ♏	00°51'51"	00°00'00"	-00°04'37"	0.002
20/12/2024 00:00:00	♁	19°02'48" ♄	08°20'47"	00°57'36"	-00°00'33"	18.227
20/12/2024 00:00:00	♁	19°13'54" ♄	-08°55'54"	-01°30'59"	00°06'39"	0.003
20/12/2024 00:00:00	♏	02°10'24" ♏	00°51'51"	00°00'00"	-00°04'37"	0.002
20/12/2024 00:00:00	♁	25°07'34" ♄	-11°33'14"	-01°58'01"	-03°00'36"	0.003
20/12/2024 00:00:00	X	24°26'06" ♏	-00°35'54"	-10°48'33"	-00°00'14"	95.194
20/12/2024 00:00:00	Y	00°22'11" ♉	08°29'28"	-11°59'12"	-00°00'33"	82.452
21/12/2024 00:00:00	♁	29°36'13" ♄	-23°26'16"	00°00'00"	01°01'05"	0.984
21/12/2024 00:00:00	♃	08°24'44" ♋	10°17'54"	02°01'52"	12°13'09"	0.003
21/12/2024 00:00:00	♁	08°17'58" ♄	-19°10'42"	02°32'32"	00°41'03"	0.925
21/12/2024 00:00:00	♀	15°38'35" ♊	-18°04'27"	-02°01'11"	01°07'04"	0.831
21/12/2024 00:00:00	♂	04°49'23" ♏	22°25'11"	03°27'55"	-00°11'36"	0.695



Ephemerides year 2024

21/12/2024 00:00:00	♃	14°30'33" ♀	21°54'27"	-00°38'08"	-00°07'37"	4.123
21/12/2024 00:00:00	♅	13°46'40" ♀	-08°13'44"	-02°00'13"	00°03'35"	9.855
21/12/2024 00:00:00	♁	23°56'41" ♂	18°30'35"	-00°15'21"	-00°01'53"	18.748
21/12/2024 00:00:00	♆	27°10'49" ♀	-02°18'24"	-01°17'31"	00°00'27"	29.920
21/12/2024 00:00:00	♁	00°44'19" ♀	-23°10'44"	-03°16'00"	00°01'42"	36.001
21/12/2024 00:00:00	♁	02°07'02" ♂	00°50'31"	00°00'00"	-00°02'11"	0.002
21/12/2024 00:00:00	♃	19°02'16" ♂	08°20'28"	00°57'28"	-00°00'29"	18.242
21/12/2024 00:00:00	♁	19°20'33" ♀	-08°59'12"	-01°31'50"	00°06'39"	0.003
21/12/2024 00:00:00	♁	02°07'02" ♂	00°50'31"	00°00'00"	-00°02'11"	0.002
21/12/2024 00:00:00	♁	22°28'09" ♀	-10°22'29"	-01°45'26"	-02°17'18"	0.003
21/12/2024 00:00:00	X	24°25'52" ♂	-00°35'51"	-10°48'25"	-00°00'14"	95.209
21/12/2024 00:00:00	Y	00°21'38" ♀	08°29'26"	-11°59'08"	-00°00'32"	82.459
22/12/2024 00:00:00	♁	00°37'18" ♀	-23°26'13"	00°00'00"	01°01'06"	0.984
22/12/2024 00:00:00	♁	20°30'19" ♀	04°41'48"	01°00'59"	11°58'53"	0.003
22/12/2024 00:00:00	♁	09°01'55" ♂	-19°23'39"	02°26'15"	00°46'42"	0.948
22/12/2024 00:00:00	♁	16°45'34" ♀	-17°41'44"	-01°58'32"	01°06'52"	0.824
22/12/2024 00:00:00	♁	04°37'22" ♂	22°30'42"	03°30'34"	-00°12'25"	0.690
22/12/2024 00:00:00	♃	14°22'58" ♀	21°53'45"	-00°37'58"	-00°07'32"	4.127
22/12/2024 00:00:00	♅	13°50'18" ♀	-08°12'12"	-02°00'04"	00°03'40"	9.871

Ephemerides year 2024

22/12/2024 00:00:00	♃	23°54'49" ♂	18°30'08"	-00°15'20"	-00°01'51"	18.758
22/12/2024 00:00:00	♃	27°11'17" ♀	-02°18'11"	-01°17'29"	00°00'29"	29.937
22/12/2024 00:00:00	♃	00°46'02" ♀	-23°10'24"	-03°16'02"	00°01'43"	36.010
22/12/2024 00:00:00	♃	02°05'45" ♀	00°50'00"	00°00'00"	-00°00'32"	0.002
22/12/2024 00:00:00	♃	19°01'48" ♀	08°20'11"	00°57'21"	-00°00'26"	18.258
22/12/2024 00:00:00	♃	19°27'12" ♀	-09°02'31"	-01°32'41"	00°06'39"	0.003
22/12/2024 00:00:00	♃	02°05'45" ♀	00°50'00"	00°00'00"	-00°00'32"	0.002
22/12/2024 00:00:00	♃	20°32'12" ♀	-09°30'12"	-01°36'01"	-01°36'04"	0.003
22/12/2024 00:00:00	X	24°25'38" ♀	-00°35'49"	-10°48'16"	-00°00'13"	95.224
22/12/2024 00:00:00	Y	00°21'05" ♀	08°29'24"	-11°59'03"	-00°00'32"	82.467
23/12/2024 00:00:00	♃	01°38'25" ♀	-23°25'41"	-00°00'00"	01°01'06"	0.984
23/12/2024 00:00:00	♃	02°24'20" ♀	-00°58'55"	-00°01'39"	11°50'05"	0.003
23/12/2024 00:00:00	♃	09°51'11" ♀	-19°37'41"	02°19'25"	00°51'43"	0.970
23/12/2024 00:00:00	♃	17°52'20" ♀	-17°18'38"	-01°55'45"	01°06'39"	0.817
23/12/2024 00:00:00	♃	04°24'33" ♀	22°36'23"	03°33'12"	-00°13'13"	0.686
23/12/2024 00:00:00	♃	14°15'29" ♀	21°53'04"	-00°37'47"	-00°07'26"	4.132
23/12/2024 00:00:00	♃	13°54'01" ♀	-08°10'38"	-01°59'55"	00°03'45"	9.887
23/12/2024 00:00:00	♃	23°52'58" ♂	18°29'42"	-00°15'19"	-00°01'49"	18.768
23/12/2024 00:00:00	♃	27°11'47" ♀	-02°17'57"	-01°17'27"	00°00'31"	29.955

Ephemerides year 2024

23/12/2024 00:00:00	♁	00°47'46" ♁	-23°10'03"	-03°16'04"	00°01'44"	36.019
23/12/2024 00:00:00	♁	02°05'35" ♁	00°49'56"	00°00'00"	00°00'00"	0.002
23/12/2024 00:00:00	♁	19°01'23" ♁	08°19'54"	00°57'13"	-00°00'23"	18.274
23/12/2024 00:00:00	♁	19°33'51" ♁	-09°05'49"	-01°33'31"	00°06'39"	0.003
23/12/2024 00:00:00	♁	02°05'35" ♁	00°49'56"	00°00'00"	00°00'00"	0.002
23/12/2024 00:00:00	♁	19°11'26" ♁	-08°53'22"	-01°29'16"	-01°08'18"	0.003
23/12/2024 00:00:00	X	24°25'25" ♁	-00°35'45"	-10°48'08"	-00°00'12"	95.240
23/12/2024 00:00:00	Y	00°20'33" ♁	08°29'23"	-11°58'59"	-00°00'31"	82.475
24/12/2024 00:00:00	♁	02°39'32" ♁	-23°24'42"	-00°00'00"	01°01'07"	0.984
24/12/2024 00:00:00	♁	14°12'24" ♁	-06°34'52"	-01°03'43"	11°46'58"	0.003
24/12/2024 00:00:00	♁	10°45'10" ♁	-19°52'33"	02°12'10"	00°56'09"	0.992
24/12/2024 00:00:00	♁	18°58'53" ♁	-16°55'08"	-01°52'50"	01°06'26"	0.810
24/12/2024 00:00:00	♁	04°10'55" ♁	22°42'12"	03°35'48"	-00°14'01"	0.682
24/12/2024 00:00:00	♁	14°08'05" ♁	21°52'22"	-00°37'36"	-00°07'20"	4.138
24/12/2024 00:00:00	♁	13°57'49" ♁	-08°09'01"	-01°59'46"	00°03'51"	9.903
24/12/2024 00:00:00	♁	23°51'10" ♁	18°29'16"	-00°15'18"	-00°01'47"	18.779
24/12/2024 00:00:00	♁	27°12'19" ♁	-02°17'42"	-01°17'25"	00°00'33"	29.972
24/12/2024 00:00:00	♁	00°49'30" ♁	-23°09'42"	-03°16'06"	00°01'44"	36.028
24/12/2024 00:00:00	♁	02°05'21" ♁	00°49'51"	00°00'00"	-00°00'38"	0.002

Ephemerides year 2024

24/12/2024 00:00:00	♄	19°01'01" ♏	08°19'39"	00°57'06"	-00°00'20"	18.291
24/12/2024 00:00:00	♁	19°40'30" ♏	-09°09'07"	-01°34'22"	00°06'39"	0.003
24/12/2024 00:00:00	♁	02°05'21" ♏	00°49'51"	00°00'00"	-00°00'38"	0.002
24/12/2024 00:00:00	♁	18°09'15" ♏	-08°24'47"	-01°23'59"	-00°59'22"	0.003
24/12/2024 00:00:00	X	24°25'12" ♏	-00°35'42"	-10°47'59"	-00°00'12"	95.255
24/12/2024 00:00:00	Y	00°20'01" ♏	08°29'21"	-11°58'54"	-00°00'31"	82.484
25/12/2024 00:00:00	♁	03°40'40" ♏	-23°23'14"	-00°00'00"	01°01'08"	0.984
25/12/2024 00:00:00	♁	26°00'08" ♏	-11°57'05"	-02°02'58"	11°49'22"	0.003
25/12/2024 00:00:00	♁	11°43'19" ♏	-20°07'59"	02°04'34"	01°00'03"	1.013
25/12/2024 00:00:00	♁	20°05'13" ♏	-16°31'17"	-01°49'46"	01°06'13"	0.802
25/12/2024 00:00:00	♁	03°56'30" ♏	22°48'09"	03°38'21"	-00°14'48"	0.678
25/12/2024 00:00:00	♁	14°00'47" ♏	21°51'42"	-00°37'25"	-00°07'14"	4.143
25/12/2024 00:00:00	♁	14°01'43" ♏	-08°07'23"	-01°59'37"	00°03'56"	9.919
25/12/2024 00:00:00	♁	23°49'24" ♏	18°28'51"	-00°15'17"	-00°01'44"	18.789
25/12/2024 00:00:00	♁	27°12'53" ♏	-02°17'27"	-01°17'22"	00°00'35"	29.989
25/12/2024 00:00:00	♁	00°51'15" ♏	-23°09'21"	-03°16'08"	00°01'45"	36.037
25/12/2024 00:00:00	♁	02°03'55" ♏	00°49'17"	00°00'00"	-00°02'23"	0.002
25/12/2024 00:00:00	♁	19°00'43" ♏	08°19'25"	00°56'59"	-00°00'16"	18.307
25/12/2024 00:00:00	♁	19°47'10" ♏	-09°12'25"	-01°35'12"	00°06'39"	0.003

Ephemerides year 2024

25/12/2024 00:00:00	T♁	02°03'55" ♏	00°49'17"	00°00'00"	-00°02'23"	0.002
25/12/2024 00:00:00	T♄	17°06'15" ♏	-07°55'44"	-01°18'39"	-01°09'35"	0.003
25/12/2024 00:00:00	X	24°25'00" ♏	-00°35'38"	-10°47'51"	-00°00'11"	95.271
25/12/2024 00:00:00	Y	00°19'30" ♏	08°29'20"	-11°58'49"	-00°00'31"	82.492
26/12/2024 00:00:00	☉	04°41'48" ♏	-23°21'18"	-00°00'00"	01°01'08"	0.984
26/12/2024 00:00:00	☾	07°52'49" ♏	-16°55'44"	-02°57'13"	11°56'46"	0.003
26/12/2024 00:00:00	♃	12°45'09" ♏	-20°23'47"	01°56'43"	01°03'30"	1.034
26/12/2024 00:00:00	♀	21°11'20" ♏	-16°07'05"	-01°46'34"	01°05'59"	0.795
26/12/2024 00:00:00	♂	03°41'18" ♏	22°54'14"	03°40'52"	-00°15'34"	0.675
26/12/2024 00:00:00	♂	13°53'35" ♏	21°51'02"	-00°37'14"	-00°07'08"	4.149
26/12/2024 00:00:00	♅	14°05'43" ♏	-08°05'43"	-01°59'29"	00°04'01"	9.934
26/12/2024 00:00:00	♁	23°47'40" ♏	18°28'26"	-00°15'16"	-00°01'42"	18.800
26/12/2024 00:00:00	♃	27°13'30" ♏	-02°17'10"	-01°17'20"	00°00'37"	30.006
26/12/2024 00:00:00	♁	00°53'01" ♏	-23°09'00"	-03°16'11"	00°01'46"	36.045
26/12/2024 00:00:00	♁	02°00'18" ♏	00°47'50"	00°00'00"	-00°04'55"	0.002
26/12/2024 00:00:00	♁	19°00'28" ♏	08°19'13"	00°56'51"	-00°00'13"	18.323
26/12/2024 00:00:00	♁	19°53'49" ♏	-09°15'43"	-01°36'03"	00°06'39"	0.003
26/12/2024 00:00:00	T♁	02°00'18" ♏	00°47'50"	00°00'00"	-00°04'55"	0.002
26/12/2024 00:00:00	T♄	15°45'06" ♏	-07°18'17"	-01°11'54"	-01°34'28"	0.003

Ephemerides year 2024

26/12/2024 00:00:00	X	24°24'49" ♀	-00°35'34"	-10°47'42"	-00°00'10"	95.287
26/12/2024 00:00:00	Y	00°18'59" ♀	08°29'19"	-11°58'44"	-00°00'30"	82.501
27/12/2024 00:00:00	☉	05°42'57" ♄	-23°18'54"	-00°00'00"	01°01'09"	0.983
27/12/2024 00:00:00	☾	19°55'05" ♃	-21°18'53"	-03°44'13"	12°08'23"	0.003
27/12/2024 00:00:00	♀	13°50'12" ♄	-20°39'44"	01°48'38"	01°06'32"	1.055
27/12/2024 00:00:00	♀	22°17'12" ♁	-15°42'32"	-01°43'13"	01°05'44"	0.788
27/12/2024 00:00:00	♂	03°25'21" ♃	23°00'26"	03°43'20"	-00°16'19"	0.671
27/12/2024 00:00:00	♃	13°46'30" ♀	21°50'22"	-00°37'03"	-00°07'01"	4.155
27/12/2024 00:00:00	♅	14°09'47" ♃	-08°04'00"	-01°59'20"	00°04'07"	9.950
27/12/2024 00:00:00	♁	23°45'59" ♃	18°28'02"	-00°15'15"	-00°01'40"	18.812
27/12/2024 00:00:00	♃	27°14'08" ♃	-02°16'53"	-01°17'18"	00°00'39"	30.024
27/12/2024 00:00:00	♁	00°54'48" ♁	-23°08'38"	-03°16'13"	00°01'47"	36.054
27/12/2024 00:00:00	♁	01°53'55" ♀	00°45'18"	00°00'00"	-00°07'50"	0.002
27/12/2024 00:00:00	♁	19°00'16" ♀	08°19'02"	00°56'44"	-00°00'09"	18.340
27/12/2024 00:00:00	♁	20°00'28" ♁	-09°19'01"	-01°36'53"	00°06'39"	0.003
27/12/2024 00:00:00	T♁	01°53'55" ♀	00°45'18"	00°00'00"	-00°07'50"	0.002
27/12/2024 00:00:00	T♁	13°55'46" ♁	-06°27'41"	-01°02'57"	-02°03'44"	0.003
27/12/2024 00:00:00	X	24°24'38" ♀	-00°35'30"	-10°47'33"	-00°00'10"	95.303
27/12/2024 00:00:00	Y	00°18'29" ♀	08°29'18"	-11°58'38"	-00°00'30"	82.510

Ephemerides year 2024

28/12/2024 00:00:00	☉	06°44'07" ♁	-23°16'02"	-00°00'00"	01°01'09"	0.983
28/12/2024 00:00:00	☾	02°10'38" ♀	-24°52'07"	o-04°21'42"	12°23'07"	0.003
28/12/2024 00:00:00	♁	14°58'07" ♀	-20°55'40"	01°40'25"	01°09'13"	1.075
28/12/2024 00:00:00	♂	23°22'50" ♁	-15°17'39"	-01°39'43"	01°05'30"	0.780
28/12/2024 00:00:00	♂	03°08'40" ♁	23°06'44"	03°45'46"	-00°17'02"	0.668
28/12/2024 00:00:00	♃	13°39'32" ♃	21°49'43"	-00°36'52"	-00°06'54"	4.162
28/12/2024 00:00:00	♄	14°13'57" ♃	-08°02'16"	-01°59'12"	00°04'12"	9.965
28/12/2024 00:00:00	♅	23°44'20" ♃	18°27'39"	-00°15'14"	-00°01'37"	18.823
28/12/2024 00:00:00	♆	27°14'49" ♃	-02°16'35"	-01°17'16"	00°00'41"	30.041
28/12/2024 00:00:00	♇	00°56'36" ♁	-23°08'17"	-03°16'16"	00°01'47"	36.061
28/12/2024 00:00:00	♈	01°44'39" ♃	00°41'37"	00°00'00"	-00°10'37"	0.002
28/12/2024 00:00:00	♉	19°00'08" ♃	08°18'52"	00°56'37"	-00°00'06"	18.356
28/12/2024 00:00:00	♊	20°07'07" ♁	-09°22'18"	-01°37'44"	00°06'39"	0.003
28/12/2024 00:00:00	♋	01°44'39" ♃	00°41'37"	00°00'00"	-00°10'37"	0.002
28/12/2024 00:00:00	♌	11°41'28" ♁	-05°25'19"	-00°52'04"	-02°21'22"	0.003
28/12/2024 00:00:00	♍	24°24'28" ♃	-00°35'25"	-10°47'25"	-00°00'09"	95.319
28/12/2024 00:00:00	♎	00°17'59" ♃	08°29'18"	-11°58'33"	-00°00'29"	82.519
29/12/2024 00:00:00	☉	07°45'17" ♁	-23°12'41"	-00°00'00"	01°01'10"	0.983
29/12/2024 00:00:00	☾	14°41'57" ♀	-27°19'09"	o-04°47'26"	12°39'42"	0.003

Ephemerides year 2024

29/12/2024 00:00:00	♀	16°08'32" ♄	-21°11'26"	01°32'05"	01°11'35"	1.094
29/12/2024 00:00:00	♀	24°28'12" ♁	-14°52'28"	-01°36'05"	01°05'14"	0.773
29/12/2024 00:00:00	♂	02°51'16" ♃	23°13'08"	03°48'08"	-00°17'44"	0.665
29/12/2024 00:00:00	♃	13°32'41" ♃	21°49'05"	-00°36'40"	-00°06'47"	4.169
29/12/2024 00:00:00	♃	14°18'12" ♃	-08°00'30"	-01°59'03"	00°04'17"	9.980
29/12/2024 00:00:00	♃	23°42'43" ♃	18°27'16"	-00°15'13"	-00°01'35"	18.835
29/12/2024 00:00:00	♃	27°15'32" ♃	-02°16'16"	-01°17'14"	00°00'43"	30.058
29/12/2024 00:00:00	♃	00°58'24" ♁	-23°07'55"	-03°16'18"	00°01'48"	36.069
29/12/2024 00:00:00	♃	01°32'53" ♃	00°36'56"	00°00'00"	-00°12'46"	0.002
29/12/2024 00:00:00	♃	19°00'03" ♃	08°18'43"	00°56'29"	-00°00'03"	18.373
29/12/2024 00:00:00	♃	20°13'46" ♃	-09°25'36"	-01°38'34"	00°06'39"	0.003
29/12/2024 00:00:00	T♃	01°32'53" ♃	00°36'56"	00°00'00"	-00°12'46"	0.002
29/12/2024 00:00:00	T♃	09°22'37" ♃	-04°20'39"	-00°41'00"	-02°10'28"	0.003
29/12/2024 00:00:00	X	24°24'19" ♃	-00°35'21"	-10°47'16"	-00°00'08"	95.335
29/12/2024 00:00:00	Y	00°17'30" ♃	08°29'17"	-11°58'27"	-00°00'29"	82.529
30/12/2024 00:00:00	♃	08°46'27" ♃	-23°08'53"	-00°00'00"	01°01'10"	0.983
30/12/2024 00:00:00	♃	27°30'10" ♄	-28°24'13"	-04°59'23"	12°56'40"	0.003
30/12/2024 00:00:00	♀	17°21'11" ♄	-21°26'54"	01°23'41"	01°13'40"	1.112
30/12/2024 00:00:00	♀	25°33'19" ♁	-14°26'59"	-01°32'18"	01°04'58"	0.766



Ephemerides year 2024

30/12/2024 00:00:00	♂	02°33'11" ♏	23°19'36"	03°50'26"	-00°18'25"	0.662
30/12/2024 00:00:00	♃	13°25'58" ♏	21°48'27"	-00°36'29"	-00°06'39"	4.176
30/12/2024 00:00:00	♃	14°22'31" ♏	-07°58'42"	-01°58'55"	00°04'22"	9.995
30/12/2024 00:00:00	♃	23°41'09" ♏	18°26'54"	-00°15'12"	-00°01'32"	18.847
30/12/2024 00:00:00	♃	27°16'16" ♏	-02°15'56"	-01°17'11"	00°00'45"	30.075
30/12/2024 00:00:00	♃	01°00'13" ♏	-23°07'34"	-03°16'21"	00°01'49"	36.077
30/12/2024 00:00:00	♏	01°19'28" ♏	00°31'36"	00°00'00"	-00°13'51"	0.002
30/12/2024 00:00:00	♃	19°00'02" ♏	08°18'36"	00°56'22"	00°00'00"	18.389
30/12/2024 00:00:00	♃	20°20'26" ♏	-09°28'54"	-01°39'24"	00°06'39"	0.003
30/12/2024 00:00:00	♏	01°19'28" ♏	00°31'36"	00°00'00"	-00°13'51"	0.002
30/12/2024 00:00:00	♃	07°32'52" ♏	-03°29'39"	-00°32'36"	-01°23'04"	0.003
30/12/2024 00:00:00	X	24°24'11" ♏	-00°35'16"	-10°47'07"	-00°00'08"	95.352
30/12/2024 00:00:00	Y	00°17'01" ♏	08°29'17"	-11°58'22"	-00°00'28"	82.539
31/12/2024 00:00:00	♃	09°47'38" ♏	-23°04'37"	-00°00'00"	01°01'10"	0.983
31/12/2024 00:00:00	♃	10°34'58" ♏	-27°56'02"	-04°56'01"	13°12'40"	0.003
31/12/2024 00:00:00	♃	18°35'49" ♏	-21°41'57"	01°15'15"	01°15'32"	1.130
31/12/2024 00:00:00	♃	26°38'10" ♏	-14°01'13"	-01°28'23"	01°04'42"	0.758
31/12/2024 00:00:00	♂	02°14'27" ♏	23°26'08"	03°52'41"	-00°19'03"	0.659
31/12/2024 00:00:00	♃	13°19'23" ♏	21°47'50"	-00°36'17"	-00°06'31"	4.183

Ephemerides year 2024

31/12/2024 00:00:00	♃	14°26'56" ♈	-07°56'52"	-01°58'47"	00°04'27"	10.010
31/12/2024 00:00:00	♃	23°39'38" ♈	18°26'32"	-00°15'10"	-00°01'30"	18.859
31/12/2024 00:00:00	♃	27°17'03" ♈	-02°15'35"	-01°17'09"	00°00'47"	30.092
31/12/2024 00:00:00	♃	01°02'03" ♈	-23°07'12"	-03°16'24"	00°01'49"	36.084
31/12/2024 00:00:00	♃	01°05'37" ♈	00°26'05"	00°00'00"	-00°13'38"	0.002
31/12/2024 00:00:00	♃	19°00'04" ♈	08°18'30"	00°56'14"	00°00'03"	18.406
31/12/2024 00:00:00	♃	20°27'05" ♈	-09°32'11"	-01°40'14"	00°06'39"	0.003
31/12/2024 00:00:00	T♃	01°05'37" ♈	00°26'05"	00°00'00"	-00°13'38"	0.002
31/12/2024 00:00:00	T♃	06°46'28" ♈	-03°08'42"	-00°29'46"	-00°06'04"	0.003
31/12/2024 00:00:00	X	24°24'03" ♈	-00°35'10"	-10°46'59"	-00°00'07"	95.368
31/12/2024 00:00:00	Y	00°16'32" ♈	08°29'17"	-11°58'16"	-00°00'28"	82.549