

Ephemerides year 2019

# Ephemeris Tables for the year 2019

## 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

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Date	Time	Planet	Longitude	Declination	Latitude	Speed	Radius
01/01/2019	00:00:00	☉	10°15'23" ♁	-23°02'20"	00°00'01"	01°01'10"	0.983
01/01/2019	00:00:00	☾	12°22'12" ♋	-10°42'17"	05°04'44"	13°00'04"	0.003
01/01/2019	00:00:00	♁	23°51'15" ♁	-23°10'09"	00°07'25"	01°27'40"	1.296
01/01/2019	00:00:00	♀	23°29'40" ♋	-15°18'39"	03°26'23"	00°58'52"	0.635
01/01/2019	00:00:00	♂	29°56'05" ♋	-00°17'58"	-00°17'53"	00°40'18"	1.261
01/01/2019	00:00:00	♃	11°46'09" ♁	-21°34'18"	00°37'41"	00°12'36"	6.194
01/01/2019	00:00:00	♄	11°22'36" ♁	-22°28'01"	00°28'59"	00°07'05"	11.043
01/01/2019	00:00:00	♅	28°36'53" ♋	10°28'54"	-00°32'00"	-00°00'18"	19.531
01/01/2019	00:00:00	♆	14°04'50" ♋	-07°09'28"	-00°58'12"	00°01'13"	30.359
01/01/2019	00:00:00	♇	20°35'35" ♁	-21°57'37"	-00°06'14"	00°02'00"	34.679
01/01/2019	00:00:00	♈	26°52'27" ♉	20°46'44"	00°00'00"	-00°02'04"	0.002
01/01/2019	00:00:00	♉	28°08'02" ♋	02°16'19"	03°17'05"	00°01'14"	18.928
01/01/2019	00:00:00	♊	16°21'46" ♋	-17°30'53"	-01°39'42"	00°06'39"	0.003
01/01/2019	00:00:00	T♈	26°52'27" ♉	20°46'44"	00°00'00"	-00°02'04"	0.002
01/01/2019	00:00:00	T♉	23°05'01" ♁	-21°07'00"	00°20'57"	04°03'39"	0.003
01/01/2019	00:00:00	X	22°59'59" ♋	-02°11'24"	-11°57'59"	-00°00'06"	95.867
01/01/2019	00:00:00	Y	26°26'57" ♉	07°39'02"	-12°01'08"	-00°00'25"	84.218

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02/01/2019 00:00:00	☉	11°16'33" ♍	-22°57'23"	00°00'01"	01°01'10"	0.983
02/01/2019 00:00:00	☾	25°14'48" ♎	-14°33'56"	04°38'20"	12°45'21"	0.003
02/01/2019 00:00:00	♁	25°19'13" ♏	-23°21'14"	-00°00'04"	01°28'14"	1.308
02/01/2019 00:00:00	♂	24°28'47" ♎	-15°32'36"	03°26'45"	00°59'21"	0.642
02/01/2019 00:00:00	♂	00°36'24" ♏	-00°00'40"	-00°16'31"	00°40'20"	1.270
02/01/2019 00:00:00	♃	11°58'44" ♏	-21°36'01"	00°37'40"	00°12'33"	6.185
02/01/2019 00:00:00	♄	11°29'41" ♍	-22°27'28"	00°28'55"	00°07'04"	11.043
02/01/2019 00:00:00	♅	28°36'37" ♏	10°28'50"	-00°31'58"	-00°00'15"	19.547
02/01/2019 00:00:00	♆	14°06'05" ♏	-07°08'58"	-00°58'11"	00°01'15"	30.375
02/01/2019 00:00:00	♇	20°37'36" ♍	-21°57'24"	-00°06'19"	00°02'00"	34.682
02/01/2019 00:00:00	♈	26°50'12" ♉	20°47'10"	00°00'00"	-00°02'21"	0.002
02/01/2019 00:00:00	♉	28°09'18" ♏	02°16'36"	03°16'51"	00°01'17"	18.945
02/01/2019 00:00:00	♊	16°28'25" ♋	-17°29'40"	-01°40'32"	00°06'39"	0.003
02/01/2019 00:00:00	♋	26°50'12" ♉	20°47'10"	00°00'00"	-00°02'21"	0.002
02/01/2019 00:00:00	♌	27°35'33" ♍	-20°42'27"	-00°04'11"	04°52'04"	0.003
02/01/2019 00:00:00	♍	22°59'52" ♏	-02°11'17"	-11°57'50"	-00°00'05"	95.883
02/01/2019 00:00:00	♎	26°26'31" ♏	07°39'02"	-12°01'02"	-00°00'25"	84.229
03/01/2019 00:00:00	☉	12°17'44" ♍	-22°52'00"	00°00'00"	01°01'10"	0.983
03/01/2019 00:00:00	☾	07°53'28" ♏	-17°41'34"	03°58'44"	12°32'12"	0.003

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03/01/2019 00:00:00	♀	26°47'44" ♄	-23°31'14"	o-00°07'26"	01°28'46"	1.318
03/01/2019 00:00:00	♀	25°28'22" ♃	-15°46'31"	03°26'57"	00°59'48"	0.650
03/01/2019 00:00:00	♂	01°16'45" ♃	00°16'36"	-00°15'10"	00°40'22"	1.278
03/01/2019 00:00:00	♃	12°11'16" ♄	-21°37'41"	00°37'38"	00°12'30"	6.177
03/01/2019 00:00:00	♃	11°36'46" ♄	-22°26'56"	00°28'51"	00°07'05"	11.043
03/01/2019 00:00:00	♃	28°36'23" ♃	10°28'47"	-00°31'56"	-00°00'12"	19.563
03/01/2019 00:00:00	♃	14°07'22" ♃	-07°08'28"	-00°58'10"	00°01'17"	30.390
03/01/2019 00:00:00	♃	20°39'36" ♄	-21°57'11"	-00°06'25"	00°02'00"	34.686
03/01/2019 00:00:00	♃	26°47'51" ♃	20°47'37"	00°00'00"	-00°02'17"	0.002
03/01/2019 00:00:00	♃	28°10'36" ♃	02°16'54"	03°16'37"	00°01'20"	18.962
03/01/2019 00:00:00	♃	16°35'04" ♃	-17°28'27"	-01°41'22"	00°06'39"	0.003
03/01/2019 00:00:00	T♃	26°47'51" ♃	20°47'37"	00°00'00"	-00°02'17"	0.002
03/01/2019 00:00:00	T♃	02°37'46" ♃	-20°05'32"	-00°32'14"	05°06'29"	0.003
03/01/2019 00:00:00	X	22°59'47" ♃	-02°11'10"	-11°57'40"	-00°00'05"	95.900
03/01/2019 00:00:00	Y	26°26'07" ♃	07°39'03"	-12°00'55"	-00°00'24"	84.241
04/01/2019 00:00:00	♃	13°18'55" ♄	-22°46'09"	00°00'00"	01°01'10"	0.983
04/01/2019 00:00:00	♃	20°19'43" ♄	-19°57'04"	03°08'22"	12°20'32"	0.003
04/01/2019 00:00:00	♀	28°16'46" ♄	-23°40'07"	o-00°14'40"	01°29'16"	1.329
04/01/2019 00:00:00	♀	26°28'24" ♃	-16°00'21"	03°26'58"	01°00'14"	0.657

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04/01/2019 00:00:00	♂	01°57'08" ♏	00°33'52"	-00°13'50"	00°40'23"	1.286
04/01/2019 00:00:00	♃	12°23'45" ♏	-21°39'20"	00°37'36"	00°12'27"	6.169
04/01/2019 00:00:00	♅	11°43'52" ♏	-22°26'23"	00°28'46"	00°07'05"	11.043
04/01/2019 00:00:00	♁	28°36'12" ♏	10°28'45"	-00°31'54"	-00°00'08"	19.580
04/01/2019 00:00:00	♃	14°08'40" ♏	-07°07'56"	-00°58'08"	00°01'19"	30.406
04/01/2019 00:00:00	♁	20°41'37" ♏	-21°56'58"	-00°06'30"	00°02'01"	34.689
04/01/2019 00:00:00	♁	26°45'44" ♏	20°48'01"	00°00'00"	-00°01'53"	0.002
04/01/2019 00:00:00	♃	28°11'59" ♏	02°17'14"	03°16'23"	00°01'23"	18.979
04/01/2019 00:00:00	♁	16°41'43" ♏	-17°27'14"	-01°42'12"	00°06'39"	0.003
04/01/2019 00:00:00	♁	26°45'44" ♏	20°48'01"	00°00'00"	-00°01'53"	0.002
04/01/2019 00:00:00	♁	07°37'13" ♏	-19°19'31"	-00°59'48"	04°47'14"	0.003
04/01/2019 00:00:00	X	22°59'42" ♏	-02°11'03"	-11°57'30"	-00°00'04"	95.917
04/01/2019 00:00:00	Y	26°25'42" ♏	07°39'04"	-12°00'49"	-00°00'23"	84.252
05/01/2019 00:00:00	♁	14°20'06" ♏	-22°39'51"	00°00'00"	01°01'10"	0.983
05/01/2019 00:00:00	♁	02°35'02" ♏	-21°14'40"	02°09'57"	12°10'18"	0.003
05/01/2019 00:00:00	♁	29°46'17" ♏	-23°47'52"	-00°21'45"	01°29'45"	1.339
05/01/2019 00:00:00	♀	27°28'51" ♏	-16°14'07"	03°26'50"	01°00'40"	0.665
05/01/2019 00:00:00	♂	02°37'33" ♏	00°51'08"	-00°12'31"	00°40'25"	1.295
05/01/2019 00:00:00	♃	12°36'10" ♏	-21°40'58"	00°37'35"	00°12'24"	6.160

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05/01/2019 00:00:00	♃	11°50'58" ⚊	-22°25'50"	00°28'42"	00°07'05"	11.042
05/01/2019 00:00:00	♅	28°36'05" ♀	10°28'45"	-00°31'52"	-00°00'05"	19.597
05/01/2019 00:00:00	♆	14°10'00" ♂	-07°07'24"	-00°58'07"	00°01'20"	30.421
05/01/2019 00:00:00	♁	20°43'38" ⚊	-21°56'45"	-00°06'35"	00°02'01"	34.691
05/01/2019 00:00:00	♄	26°44'07" ♀	20°48'19"	00°00'00"	-00°01'18"	0.002
05/01/2019 00:00:00	♃	28°13'24" ♂	02°17'35"	03°16'09"	00°01'26"	18.996
05/01/2019 00:00:00	♁	16°48'23" ♁	-17°26'00"	-01°43'02"	00°06'39"	0.003
05/01/2019 00:00:00	T♄	26°44'07" ♀	20°48'19"	00°00'00"	-00°01'18"	0.002
05/01/2019 00:00:00	T♁	12°03'44" ♁	-18°31'02"	-01°23'58"	04°02'43"	0.003
05/01/2019 00:00:00	X	22°59'38" ♀	-02°10'56"	-11°57'21"	-00°00'03"	95.933
05/01/2019 00:00:00	Y	26°25'19" ♂	07°39'05"	-12°00'42"	-00°00'23"	84.264
06/01/2019 00:00:00	♁	15°21'17" ⚊	-22°33'06"	00°00'00"	01°01'10"	0.983
06/01/2019 00:00:00	♃	14°40'51" ⚊	-21°31'41"	01°06'19"	12°01'35"	0.003
06/01/2019 00:00:00	♁	01°16'17" ⚊	-23°54'26"	00°28'40"	01°30'13"	1.348
06/01/2019 00:00:00	♁	28°29'44" ♀	-16°27'45"	03°26'32"	01°01'04"	0.673
06/01/2019 00:00:00	♂	03°17'59" ♀	01°08'23"	-00°11'14"	00°40'27"	1.303
06/01/2019 00:00:00	♃	12°48'33" ♂	-21°42'34"	00°37'33"	00°12'20"	6.151
06/01/2019 00:00:00	♃	11°58'03" ⚊	-22°25'16"	00°28'38"	00°07'05"	11.041
06/01/2019 00:00:00	♅	28°36'01" ♀	10°28'45"	-00°31'50"	-00°00'02"	19.613

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06/01/2019 00:00:00	♁	14°11'22"	♈	-07°06'52"	-00°58'06"	00°01'22"	30.436
06/01/2019 00:00:00	♁	20°45'40"	♈	-21°56'32"	-00°06'41"	00°02'01"	34.694
06/01/2019 00:00:00	♁	26°43'10"	♉	20°48'31"	00°00'00"	-00°00'37"	0.002
06/01/2019 00:00:00	♁	28°14'52"	♈	02°17'57"	03°15'55"	00°01'29"	19.013
06/01/2019 00:00:00	♁	16°55'02"	♁	-17°24'46"	-01°43'52"	00°06'39"	0.003
06/01/2019 00:00:00	T♁	26°43'10"	♉	20°48'31"	00°00'00"	-00°00'37"	0.002
06/01/2019 00:00:00	T♁	15°39'30"	♁	-17°46'53"	-01°43'11"	03°08'42"	0.003
06/01/2019 00:00:00	X	22°59'35"	♈	-02°10'48"	-11°57'11"	-00°00'03"	95.950
06/01/2019 00:00:00	Y	26°24'56"	♉	07°39'07"	-12°00'36"	-00°00'22"	84.276
07/01/2019 00:00:00	♁	16°22'28"	♈	-22°25'54"	00°00'00"	01°01'10"	0.983
07/01/2019 00:00:00	♁	26°38'47"	♈	-20°48'59"	00°00'22"	11°54'35"	0.003
07/01/2019 00:00:00	♁	02°46'44"	♈	-23°59'48"	-00°35'26"	01°30'40"	1.356
07/01/2019 00:00:00	♁	29°31'01"	♈	-16°41'16"	03°26'04"	01°01'28"	0.680
07/01/2019 00:00:00	♁	03°58'27"	♈	01°25'38"	-00°09'57"	00°40'28"	1.312
07/01/2019 00:00:00	♁	13°00'52"	♈	-21°44'09"	00°37'32"	00°12'17"	6.142
07/01/2019 00:00:00	♁	12°05'08"	♈	-22°24'42"	00°28'34"	00°07'04"	11.040
07/01/2019 00:00:00	♁	28°36'00"	♈	10°28'47"	-00°31'48"	00°00'00"	19.630
07/01/2019 00:00:00	♁	14°12'45"	♈	-07°06'19"	-00°58'05"	00°01'24"	30.450
07/01/2019 00:00:00	♁	20°47'41"	♈	-21°56'19"	-00°06'46"	00°02'01"	34.696



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07/01/2019 00:00:00	♏	26°42'51" ♁	20°48'34"	00°00'00"	00°00'00"	0.002
07/01/2019 00:00:00	♋	28°16'23" ♃	02°18'21"	03°15'41"	00°01'32"	19.030
07/01/2019 00:00:00	♌	17°01'41" ♁	-17°23'32"	-01°44'42"	00°06'39"	0.003
07/01/2019 00:00:00	T♏	26°42'51" ♁	20°48'34"	00°00'00"	00°00'00"	0.002
07/01/2019 00:00:00	T♌	18°23'41" ♁	-17°10'30"	-01°57'32"	02°21'59"	0.003
07/01/2019 00:00:00	X	22°59'32" ♃	-02°10'40"	-11°57'01"	-00°00'02"	95.967
07/01/2019 00:00:00	Y	26°24'33" ♃	07°39'08"	-12°00'29"	-00°00'22"	84.288
08/01/2019 00:00:00	♁	17°23'38" ♃	-22°18'16"	00°00'00"	01°01'10"	0.983
08/01/2019 00:00:00	♃	08°30'42" ♁	-19°10'44"	-01°05'05"	11°49'36"	0.003
08/01/2019 00:00:00	♌	04°17'38" ♃	-24°03'57"	o-00°42'01"	01°31'07"	1.365
08/01/2019 00:00:00	♍	00°32'40" ♃	-16°54'39"	03°25'28"	01°01'50"	0.688
08/01/2019 00:00:00	♎	04°38'56" ♃	01°42'52"	-00°08'41"	00°40'29"	1.320
08/01/2019 00:00:00	♏	13°13'08" ♃	-21°45'41"	00°37'30"	00°12'13"	6.133
08/01/2019 00:00:00	♐	12°12'13" ♃	-22°24'08"	00°28'30"	00°07'04"	11.039
08/01/2019 00:00:00	♑	28°36'02" ♃	10°28'49"	-00°31'46"	00°00'03"	19.647
08/01/2019 00:00:00	♒	14°14'10" ♃	-07°05'45"	-00°58'04"	00°01'25"	30.465
08/01/2019 00:00:00	♓	20°49'43" ♃	-21°56'06"	-00°06'52"	00°02'01"	34.698
08/01/2019 00:00:00	♏	26°43'07" ♁	20°48'31"	00°00'00"	00°00'29"	0.002
08/01/2019 00:00:00	♋	28°17'57" ♃	02°18'46"	03°15'27"	00°01'35"	19.046

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08/01/2019 00:00:00	☾	17°08'21" ♁	-17°22'18"	-01°45'32"	00°06'39"	0.003
08/01/2019 00:00:00	♄♁	26°43'07" ♁	20°48'31"	00°00'00"	00°00'29"	0.002
08/01/2019 00:00:00	♄☾	20°29'10" ♁	-16°41'07"	-02°08'19"	01°51'56"	0.003
08/01/2019 00:00:00	X	22°59'30" ♄	-02°10'32"	-11°56'52"	-00°00'01"	95.984
08/01/2019 00:00:00	Y	26°24'11" ♄	07°39'10"	-12°00'22"	-00°00'21"	84.301
09/01/2019 00:00:00	☉	18°24'49" ♁	-22°10'11"	00°00'00"	01°01'10"	0.983
09/01/2019 00:00:00	☾	20°18'51" ♁	-16°43'37"	-02°07'28"	11°47'07"	0.003
09/01/2019 00:00:00	♀	05°48'59" ♁	-24°06'50"	00°48'25"	01°31'34"	1.372
09/01/2019 00:00:00	♀	01°34'42" ♄	-17°07'51"	03°24'42"	01°02'12"	0.695
09/01/2019 00:00:00	♂	05°19'27" ♄	02°00'04"	-00°07'25"	00°40'31"	1.329
09/01/2019 00:00:00	♃	13°25'20" ♄	-21°47'13"	00°37'29"	00°12'10"	6.123
09/01/2019 00:00:00	♅	12°19'18" ♁	-22°23'33"	00°28'26"	00°07'04"	11.037
09/01/2019 00:00:00	♅	28°36'07" ♄	10°28'53"	-00°31'44"	00°00'06"	19.664
09/01/2019 00:00:00	♆	14°15'37" ♃	-07°05'10"	-00°58'03"	00°01'27"	30.479
09/01/2019 00:00:00	♆	20°51'45" ♁	-21°55'53"	-00°06'57"	00°02'01"	34.699
09/01/2019 00:00:00	♁	26°43'45" ♁	20°48'24"	00°00'00"	00°00'46"	0.002
09/01/2019 00:00:00	♃	28°19'35" ♃	02°19'12"	03°15'14"	00°01'38"	19.063
09/01/2019 00:00:00	☾	17°15'00" ♁	-17°21'04"	-01°46'22"	00°06'39"	0.003
09/01/2019 00:00:00	♄♁	26°43'45" ♁	20°48'24"	00°00'00"	00°00'46"	0.002

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09/01/2019 00:00:00	T♄	22°12'45" ♊	-16°15'52"	-02°17'03"	01°37'12"	0.003
09/01/2019 00:00:00	X	22°59'28" ♏	-02°10'23"	-11°56'42"	-00°00'01"	96.000
09/01/2019 00:00:00	Y	26°23'50" ♏	07°39'12"	-12°00'15"	-00°00'21"	84.313
10/01/2019 00:00:00	☉	19°25'59" ♎	-22°01'40"	00°00'00"	01°01'09"	0.983
10/01/2019 00:00:00	☾	02°05'57" ♏	-13°35'33"	-03°04'20"	11°47'37"	0.003
10/01/2019 00:00:00	♀	07°20'46" ♎	-24°08'28"	00°54'38"	01°32'00"	1.379
10/01/2019 00:00:00	♀	02°37'05" ♏	-17°20'52"	03°23'48"	01°02'33"	0.703
10/01/2019 00:00:00	♂	05°59'59" ♏	02°17'15"	-00°06'11"	00°40'32"	1.337
10/01/2019 00:00:00	♃	13°37'28" ♏	-21°48'43"	00°37'27"	00°12'06"	6.114
10/01/2019 00:00:00	♅	12°26'21" ♎	-22°22'58"	00°28'22"	00°07'03"	11.035
10/01/2019 00:00:00	♁	28°36'15" ♏	10°28'58"	-00°31'41"	00°00'09"	19.681
10/01/2019 00:00:00	♃	14°17'05" ♏	-07°04'35"	-00°58'02"	00°01'29"	30.494
10/01/2019 00:00:00	♁	20°53'47" ♎	-21°55'40"	-00°07'03"	00°02'01"	34.701
10/01/2019 00:00:00	♁	26°44'35" ♎	20°48'14"	00°00'00"	00°00'50"	0.002
10/01/2019 00:00:00	♃	28°21'15" ♏	02°19'39"	03°15'00"	00°01'41"	19.080
10/01/2019 00:00:00	♄	17°21'39" ♊	-17°19'49"	-01°47'12"	00°06'39"	0.003
10/01/2019 00:00:00	T♁	26°44'35" ♎	20°48'14"	00°00'00"	00°00'50"	0.002
10/01/2019 00:00:00	T♄	23°45'53" ♊	-15°52'24"	-02°24'47"	01°29'21"	0.003
10/01/2019 00:00:00	X	22°59'27" ♏	-02°10'14"	-11°56'32"	-00°00'00"	96.017

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10/01/2019 00:00:00	Y	26°23'29" ♃	07°39'15"	-12°00'08"	-00°00'20"	84.326
11/01/2019 00:00:00	☉	20°27'08" ♎	-21°52'44"	-00°00'00"	01°01'09"	0.983
11/01/2019 00:00:00	☾	13°55'16" ♋	-09°54'52"	-03°53'32"	11°51'38"	0.003
11/01/2019 00:00:00	♀	08°53'00" ♎	-24°08'47"	-01°00'39"	01°32'26"	1.386
11/01/2019 00:00:00	♀	03°39'48" ♈	-17°33'42"	03°22'45"	01°02'53"	0.711
11/01/2019 00:00:00	♂	06°40'31" ♏	02°34'25"	-00°04'58"	00°40'33"	1.346
11/01/2019 00:00:00	♃	13°49'33" ♈	-21°50'11"	00°37'26"	00°12'02"	6.104
11/01/2019 00:00:00	♅	12°33'25" ♎	-22°22'22"	00°28'18"	00°07'02"	11.033
11/01/2019 00:00:00	♁	28°36'26" ♏	10°29'04"	-00°31'39"	00°00'12"	19.698
11/01/2019 00:00:00	♃	14°18'35" ♋	-07°04'00"	-00°58'01"	00°01'30"	30.508
11/01/2019 00:00:00	♎	20°55'49" ♎	-21°55'27"	-00°07'08"	00°02'03"	34.702
11/01/2019 00:00:00	♁	26°45'23" ♁	20°48'05"	00°00'00"	00°00'44"	0.002
11/01/2019 00:00:00	♃	28°22'58" ♋	02°20'08"	03°14'47"	00°01'44"	19.096
11/01/2019 00:00:00	♁	17°28'18" ♁	-17°18'34"	-01°48'02"	00°06'39"	0.003
11/01/2019 00:00:00	T♁	26°45'23" ♁	20°48'05"	00°00'00"	00°00'44"	0.002
11/01/2019 00:00:00	T♃	25°10'35" ♁	-15°30'28"	-02°31'42"	01°18'54"	0.003
11/01/2019 00:00:00	X	22°59'27" ♏	-02°10'05"	-11°56'23"	00°00'00"	96.034
11/01/2019 00:00:00	Y	26°23'08" ♃	07°39'17"	-12°00'01"	-00°00'19"	84.339
12/01/2019 00:00:00	☉	21°28'17" ♎	-21°43'21"	-00°00'00"	01°01'08"	0.983

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12/01/2019 00:00:00	♃	25°50'34" ♃	-05°49'41"	-04°33'04"	11°59'39"	0.003
12/01/2019 00:00:00	♆	10°25'40" ♆	-24°07'49"	♁-01°06'27"	01°32'53"	1.392
12/01/2019 00:00:00	♀	04°42'52" ♀	-17°46'18"	03°21'34"	01°03'13"	0.718
12/01/2019 00:00:00	♂	07°21'05" ♂	02°51'33"	-00°03'46"	00°40'34"	1.354
12/01/2019 00:00:00	♃	14°01'34" ♃	-21°51'38"	00°37'25"	00°11'58"	6.094
12/01/2019 00:00:00	♄	12°40'27" ♄	-22°21'46"	00°28'14"	00°07'02"	11.031
12/01/2019 00:00:00	♃	28°36'41" ♃	10°29'11"	-00°31'37"	00°00'16"	19.715
12/01/2019 00:00:00	♃	14°20'07" ♃	-07°03'23"	-00°57'59"	00°01'32"	30.522
12/01/2019 00:00:00	♃	20°57'49" ♃	-21°55'14"	-00°07'14"	00°02'03"	34.702
12/01/2019 00:00:00	♁	26°46'02" ♁	20°47'58"	00°00'00"	00°00'31"	0.002
12/01/2019 00:00:00	♃	28°24'43" ♃	02°20'37"	03°14'33"	00°01'47"	19.112
12/01/2019 00:00:00	♁	17°34'58" ♁	-17°17'19"	-01°48'51"	00°06'39"	0.003
12/01/2019 00:00:00	♁	26°46'02" ♁	20°47'58"	00°00'00"	00°00'31"	0.002
12/01/2019 00:00:00	♁	26°20'25" ♁	-15°11'58"	-02°37'19"	00°58'43"	0.003
12/01/2019 00:00:00	X	22°59'27" ♂	-02°09'56"	-11°56'13"	00°00'00"	96.051
12/01/2019 00:00:00	Y	26°22'49" ♂	07°39'20"	-11°59'54"	-00°00'19"	84.352
13/01/2019 00:00:00	♁	22°29'26" ♆	-21°33'34"	-00°00'00"	01°01'08"	0.983
13/01/2019 00:00:00	♃	07°56'02" ♂	-01°27'58"	-05°01'09"	12°12'01"	0.003
13/01/2019 00:00:00	♆	11°58'47" ♆	-24°05'30"	♁-01°12'03"	01°33'20"	1.397

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13/01/2019 00:00:00	♀	05°46'14" ♄	-17°58'40"	03°20'15"	01°03'32"	0.726
13/01/2019 00:00:00	♂	08°01'39" ♃	03°08'40"	-00°02'34"	00°40'34"	1.363
13/01/2019 00:00:00	♃	14°13'31" ♄	-21°53'03"	00°37'24"	00°11'54"	6.084
13/01/2019 00:00:00	♃	12°47'29" ♄	-22°21'10"	00°28'11"	00°07'01"	11.028
13/01/2019 00:00:00	♃	28°36'59" ♃	10°29'19"	-00°31'35"	00°00'19"	19.732
13/01/2019 00:00:00	♃	14°21'40" ♃	-07°02'46"	-00°57'58"	00°01'33"	30.536
13/01/2019 00:00:00	♃	20°59'51" ♄	-21°55'00"	-00°07'19"	00°02'01"	34.703
13/01/2019 00:00:00	♃	26°46'26" ♃	20°47'53"	00°00'00"	00°00'16"	0.002
13/01/2019 00:00:00	♃	28°26'32" ♃	02°21'08"	03°14'20"	00°01'50"	19.128
13/01/2019 00:00:00	♃	17°41'37" ♃	-17°16'03"	-01°49'41"	00°06'39"	0.003
13/01/2019 00:00:00	T♃	26°46'26" ♃	20°47'53"	00°00'00"	00°00'16"	0.002
13/01/2019 00:00:00	T♃	27°03'29" ♃	-15°00'23"	-02°40'45"	00°25'03"	0.003
13/01/2019 00:00:00	X	22°59'28" ♃	-02°09'47"	-11°56'03"	00°00'01"	96.068
13/01/2019 00:00:00	Y	26°22'30" ♃	07°39'23"	-11°59'46"	-00°00'18"	84.365
14/01/2019 00:00:00	♃	23°30'34" ♄	-21°23'22"	-00°00'00"	01°01'07"	0.984
14/01/2019 00:00:00	♃	20°16'07" ♃	03°02'08"	-05°16'04"	12°28'52"	0.003
14/01/2019 00:00:00	♃	13°32'22" ♄	-24°01'51"	0-01°17'25"	01°33'48"	1.402
14/01/2019 00:00:00	♀	06°49'55" ♄	-18°10'46"	03°18'49"	01°03'50"	0.733
14/01/2019 00:00:00	♂	08°42'15" ♃	03°25'45"	-00°01'23"	00°40'35"	1.372

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14/01/2019 00:00:00	♃	14°25'23" ♄	-21°54'26"	00°37'23"	00°11'50"	6.073
14/01/2019 00:00:00	♅	12°54'30" ♁	-22°20'34"	00°28'07"	00°07'00"	11.025
14/01/2019 00:00:00	♆	28°37'20" ♀	10°29'28"	-00°31'33"	00°00'22"	19.749
14/01/2019 00:00:00	♇	14°23'14" ♃	-07°02'09"	-00°57'57"	00°01'35"	30.549
14/01/2019 00:00:00	♁	21°01'53" ♁	-21°54'47"	-00°07'24"	00°02'01"	34.703
14/01/2019 00:00:00	♄	26°46'35" ♃	20°47'52"	00°00'00"	00°00'02"	0.002
14/01/2019 00:00:00	♅	28°28'24" ♃	02°21'41"	03°14'07"	00°01'52"	19.144
14/01/2019 00:00:00	♆	17°48'16" ♁	-17°14'47"	-01°50'31"	00°06'39"	0.003
14/01/2019 00:00:00	T♄	26°46'35" ♃	20°47'52"	00°00'00"	00°00'02"	0.002
14/01/2019 00:00:00	T♆	27°06'01" ♁	-14°59'41"	-02°40'57"	-00°21'59"	0.003
14/01/2019 00:00:00	X	22°59'30" ♀	-02°09'37"	-11°55'54"	00°00'02"	96.085
14/01/2019 00:00:00	Y	26°22'11" ♄	07°39'27"	-11°59'39"	-00°00'18"	84.379
15/01/2019 00:00:00	♁	24°31'41" ♁	-21°12'44"	-00°00'00"	01°01'06"	0.984
15/01/2019 00:00:00	♂	02°55'13" ♄	07°31'25"	-05°16'17"	12°50'00"	0.003
15/01/2019 00:00:00	♀	15°06'25" ♁	-23°56'50"	-01°22'33"	01°34'16"	1.406
15/01/2019 00:00:00	♂	07°53'55" ♄	-18°22'37"	03°17'15"	01°04'08"	0.741
15/01/2019 00:00:00	♂	09°22'51" ♀	03°42'48"	-00°00'13"	00°40'36"	1.380
15/01/2019 00:00:00	♃	14°37'12" ♄	-21°55'49"	00°37'22"	00°11'46"	6.063
15/01/2019 00:00:00	♅	13°01'31" ♁	-22°19'57"	00°28'03"	00°06'59"	11.022

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15/01/2019 00:00:00	♃	28°37'44" ♀	10°29'39"	-00°31'31"	00°00'25"	19.766
15/01/2019 00:00:00	♃	14°24'50" ♀	-07°01'31"	-00°57'56"	00°01'36"	30.563
15/01/2019 00:00:00	♃	21°03'55" ♀	-21°54'33"	-00°07'30"	00°02'01"	34.703
15/01/2019 00:00:00	♃	26°46'33" ♀	20°47'52"	00°00'00"	-00°00'04"	0.002
15/01/2019 00:00:00	♃	28°30'18" ♀	02°22'14"	03°13'54"	00°01'55"	19.160
15/01/2019 00:00:00	♃	17°54'55" ♀	-17°13'31"	-01°51'20"	00°06'39"	0.003
15/01/2019 00:00:00	T♃	26°46'33" ♀	20°47'52"	00°00'00"	-00°00'04"	0.002
15/01/2019 00:00:00	T♃	26°16'36" ♀	-15°12'57"	-02°36'59"	-01°17'32"	0.003
15/01/2019 00:00:00	X	22°59'33" ♀	-02°09'27"	-11°55'44"	00°00'02"	96.102
15/01/2019 00:00:00	Y	26°21'54" ♀	07°39'30"	-11°59'31"	-00°00'17"	84.392
16/01/2019 00:00:00	♃	25°32'48" ♀	-21°01'43"	-00°00'00"	01°01'06"	0.984
16/01/2019 00:00:00	♃	15°57'21" ♀	11°48'38"	-05°00'32"	13°14'46"	0.003
16/01/2019 00:00:00	♃	16°40'56" ♀	-23°50'26"	-01°27'27"	01°34'45"	1.410
16/01/2019 00:00:00	♃	08°58'11" ♀	-18°34'11"	03°15'33"	01°04'25"	0.749
16/01/2019 00:00:00	♃	10°03'27" ♀	03°59'48"	00°00'55"	00°40'36"	1.389
16/01/2019 00:00:00	♃	14°48'57" ♀	-21°57'09"	00°37'21"	00°11'42"	6.052
16/01/2019 00:00:00	♃	13°08'30" ♀	-22°19'20"	00°28'00"	00°06'58"	11.018
16/01/2019 00:00:00	♃	28°38'11" ♀	10°29'50"	-00°31'29"	00°00'28"	19.783
16/01/2019 00:00:00	♃	14°26'28" ♀	-07°00'52"	-00°57'55"	00°01'38"	30.576



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16/01/2019 00:00:00	♁	21°05'56" ♁	-21°54'20"	-00°07'35"	00°02'01"	34.702
16/01/2019 00:00:00	♁	26°46'27" ♁	20°47'53"	00°00'00"	-00°00'05"	0.002
16/01/2019 00:00:00	♁	28°32'15" ♁	02°22'49"	03°13'41"	00°01'58"	19.176
16/01/2019 00:00:00	♁	18°01'34" ♁	-17°12'15"	-01°52'10"	00°06'39"	0.003
16/01/2019 00:00:00	♁	26°46'27" ♁	20°47'53"	00°00'00"	-00°00'05"	0.002
16/01/2019 00:00:00	♁	24°31'38" ♁	-15°40'33"	-02°28'27"	-02°10'52"	0.003
16/01/2019 00:00:00	X	22°59'36" ♁	-02°09'17"	-11°55'34"	00°00'03"	96.119
16/01/2019 00:00:00	Y	26°21'37" ♁	07°39'34"	-11°59'24"	-00°00'16"	84.406
17/01/2019 00:00:00	♁	26°33'54" ♁	-20°50'17"	-00°00'00"	01°01'05"	0.984
17/01/2019 00:00:00	♁	29°25'34" ♁	15°39'32"	-04°28'03"	13°41'53"	0.003
17/01/2019 00:00:00	♁	18°15'57" ♁	-23°42'38"	-01°32'06"	01°35'15"	1.414
17/01/2019 00:00:00	♁	10°02'45" ♁	-18°45'26"	03°13'45"	01°04'41"	0.756
17/01/2019 00:00:00	♁	10°44'05" ♁	04°16'47"	00°02'03"	00°40'37"	1.397
17/01/2019 00:00:00	♁	15°00'37" ♁	-21°58'28"	00°37'20"	00°11'38"	6.041
17/01/2019 00:00:00	♁	13°15'28" ♁	-22°18'42"	00°27'56"	00°06'58"	11.014
17/01/2019 00:00:00	♁	28°38'41" ♁	10°30'03"	-00°31'27"	00°00'31"	19.800
17/01/2019 00:00:00	♁	14°28'07" ♁	-07°00'13"	-00°57'55"	00°01'39"	30.589
17/01/2019 00:00:00	♁	21°07'58" ♁	-21°54'07"	-00°07'41"	00°02'01"	34.701
17/01/2019 00:00:00	♁	26°46'24" ♁	20°47'54"	00°00'00"	-00°00'01"	0.002

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17/01/2019 00:00:00	♄	28°34'15" ♈	02°23'24"	03°13'28"	00°02'01"	19.192
17/01/2019 00:00:00	♁	18°08'14" ♋	-17°10'58"	-01°52'59"	00°06'39"	0.003
17/01/2019 00:00:00	♁♁	26°46'24" ♉	20°47'54"	00°00'00"	-00°00'01"	0.002
17/01/2019 00:00:00	♁♁	22°00'26" ♋	-16°18'49"	-02°15'56"	-02°47'35"	0.003
17/01/2019 00:00:00	X	22°59'40" ♈	-02°09'07"	-11°55'25"	00°00'04"	96.136
17/01/2019 00:00:00	Y	26°21'20" ♉	07°39'37"	-11°59'16"	-00°00'15"	84.420
18/01/2019 00:00:00	♁	27°34'59" ♉	-20°38'27"	00°00'00"	01°01'04"	0.984
18/01/2019 00:00:00	♁	13°21'17" ♉	18°46'34"	-03°38'58"	14°09'25"	0.002
18/01/2019 00:00:00	♁	19°51'28" ♉	-23°33'27"	0-01°36'29"	01°35'46"	1.417
18/01/2019 00:00:00	♁	11°07'35" ♈	-18°56'23"	03°11'49"	01°04'57"	0.764
18/01/2019 00:00:00	♁	11°24'42" ♈	04°33'43"	00°03'10"	00°40'37"	1.406
18/01/2019 00:00:00	♁	15°12'13" ♈	-21°59'46"	00°37'19"	00°11'33"	6.030
18/01/2019 00:00:00	♁	13°22'26" ♉	-22°18'04"	00°27'52"	00°06'57"	11.010
18/01/2019 00:00:00	♁	28°39'15" ♈	10°30'17"	-00°31'25"	00°00'35"	19.817
18/01/2019 00:00:00	♁	14°29'48" ♈	-06°59'34"	-00°57'54"	00°01'41"	30.602
18/01/2019 00:00:00	♁	21°09'59" ♉	-21°53'53"	-00°07'46"	00°02'01"	34.700
18/01/2019 00:00:00	♁	26°46'26" ♉	20°47'53"	00°00'00"	00°00'05"	0.002
18/01/2019 00:00:00	♄	28°36'18" ♈	02°24'01"	03°13'15"	00°02'04"	19.207
18/01/2019 00:00:00	♁	18°14'53" ♋	-17°09'41"	-01°53'48"	00°06'39"	0.003

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18/01/2019 00:00:00	T♄	26°46'26" ♉	20°47'53"	00°00'00"	00°00'05"	0.002
18/01/2019 00:00:00	T♄	19°05'40" ♋	-17°00'46"	-02°01'06"	-02°57'08"	0.003
18/01/2019 00:00:00	X	22°59'44" ♀	-02°08'56"	-11°55'15"	00°00'04"	96.152
18/01/2019 00:00:00	Y	26°21'05" ♋	07°39'42"	-11°59'09"	-00°00'15"	84.434
19/01/2019 00:00:00	♁	28°36'03" ♉	-20°26'14"	00°00'00"	01°01'04"	0.984
19/01/2019 00:00:00	♂	27°43'44" ♉	20°50'11"	-02°34'47"	14°34'51"	0.002
19/01/2019 00:00:00	♀	21°27'30" ♉	-23°22'50"	-01°40'36"	01°36'17"	1.419
19/01/2019 00:00:00	♀	12°12'41" ♀	-19°07'00"	03°09'47"	01°05'13"	0.771
19/01/2019 00:00:00	♂	12°05'20" ♀	04°50'37"	00°04'17"	00°40'38"	1.414
19/01/2019 00:00:00	♃	15°23'45" ♀	-22°01'02"	00°37'18"	00°11'29"	6.019
19/01/2019 00:00:00	♃	13°29'22" ♉	-22°17'26"	00°27'49"	00°06'55"	11.006
19/01/2019 00:00:00	♃	28°39'51" ♀	10°30'32"	-00°31'23"	00°00'38"	19.835
19/01/2019 00:00:00	♃	14°31'30" ♀	-06°58'53"	-00°57'53"	00°01'42"	30.614
19/01/2019 00:00:00	♃	21°12'00" ♉	-21°53'40"	-00°07'52"	00°02'01"	34.699
19/01/2019 00:00:00	♁	26°46'35" ♉	20°47'51"	00°00'00"	00°00'10"	0.002
19/01/2019 00:00:00	♃	28°38'23" ♀	02°24'40"	03°13'02"	00°02'06"	19.223
19/01/2019 00:00:00	♄	18°21'33" ♋	-17°08'24"	-01°54'38"	00°06'39"	0.003
19/01/2019 00:00:00	T♄	26°46'35" ♉	20°47'51"	00°00'00"	00°00'10"	0.002
19/01/2019 00:00:00	T♄	16°14'45" ♋	-17°39'16"	-01°46'17"	-02°41'22"	0.003

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19/01/2019 00:00:00	X	22°59'49" ♃	-02°08'45"	-11°55'05"	00°00'05"	96.169
19/01/2019 00:00:00	Y	26°20'50" ♄	07°39'46"	-11°59'01"	-00°00'14"	84.448
20/01/2019 00:00:00	☉	29°37'07" ♌	-20°13'38"	00°00'00"	01°01'03"	0.984
20/01/2019 00:00:00	☾	12°29'23" ♎	21°32'34"	-01°18'42"	14°55'23"	0.002
20/01/2019 00:00:00	♀	23°04'03" ♌	-23°10'47"	-01°44'26"	01°36'50"	1.421
20/01/2019 00:00:00	♀	13°18'02" ♋	-19°17'17"	03°07'39"	01°05'28"	0.779
20/01/2019 00:00:00	♂	12°45'58" ♃	05°07'28"	00°05'22"	00°40'38"	1.423
20/01/2019 00:00:00	♃	15°35'12" ♋	-22°02'16"	00°37'18"	00°11'24"	6.008
20/01/2019 00:00:00	♅	13°36'18" ♌	-22°16'48"	00°27'45"	00°06'54"	11.001
20/01/2019 00:00:00	♁	28°40'31" ♃	10°30'48"	-00°31'21"	00°00'41"	19.852
20/01/2019 00:00:00	♃	14°33'14" ♋	-06°58'13"	-00°57'52"	00°01'44"	30.627
20/01/2019 00:00:00	♁	21°14'01" ♌	-21°53'27"	-00°07'57"	00°02'00"	34.697
20/01/2019 00:00:00	♁	26°46'45" ♎	20°47'50"	00°00'00"	00°00'08"	0.002
20/01/2019 00:00:00	♁	28°40'31" ♋	02°25'19"	03°12'50"	00°02'09"	19.238
20/01/2019 00:00:00	♁	18°28'12" ♎	-17°07'07"	-01°55'27"	00°06'39"	0.003
20/01/2019 00:00:00	T♁	26°46'45" ♎	20°47'50"	00°00'00"	00°00'08"	0.002
20/01/2019 00:00:00	T♁	13°46'37" ♎	-18°10'33"	-01°33'13"	-02°14'35"	0.003
20/01/2019 00:00:00	X	22°59'55" ♃	-02°08'34"	-11°54'56"	00°00'06"	96.186
20/01/2019 00:00:00	Y	26°20'36" ♄	07°39'51"	-11°58'53"	-00°00'13"	84.463

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21/01/2019 00:00:00	☉	00°38'10" ♊	-20°00'39"	00°00'00"	01°01'02"	0.984
21/01/2019 00:00:00	☾	27°31'59" ♋	20°43'09"	00°04'11"	15°08'22"	0.002
21/01/2019 00:00:00	♁	24°41'10" ♌	-22°57'18"	-01°47'59"	01°37'23"	1.422
21/01/2019 00:00:00	♂	14°23'38" ♍	-19°27'12"	03°05'24"	01°05'43"	0.786
21/01/2019 00:00:00	♂	13°26'36" ♎	05°24'16"	00°06'27"	00°40'38"	1.432
21/01/2019 00:00:00	♃	15°46'34" ♏	-22°03'29"	00°37'17"	00°11'20"	5.996
21/01/2019 00:00:00	♄	13°43'12" ♐	-22°16'09"	00°27'42"	00°06'53"	10.997
21/01/2019 00:00:00	♅	28°41'14" ♑	10°31'05"	-00°31'19"	00°00'44"	19.869
21/01/2019 00:00:00	♆	14°34'58" ♒	-06°57'31"	-00°57'51"	00°01'45"	30.639
21/01/2019 00:00:00	♇	21°16'02" ♓	-21°53'13"	-00°08'03"	00°02'00"	34.695
21/01/2019 00:00:00	♁	26°46'50" ♋	20°47'49"	00°00'00"	-00°00'00"	0.002
21/01/2019 00:00:00	♂	28°42'42" ♍	02°25'59"	03°12'37"	00°02'11"	19.253
21/01/2019 00:00:00	♁	18°34'52" ♊	-17°05'49"	-01°56'16"	00°06'39"	0.003
21/01/2019 00:00:00	T♁	26°46'50" ♋	20°47'49"	00°00'00"	-00°00'00"	0.002
21/01/2019 00:00:00	T♁	11°43'21" ♋	-18°35'03"	-01°22'12"	-01°54'14"	0.003
21/01/2019 00:00:00	X	23°00'02" ♎	-02°08'23"	-11°54'46"	00°00'06"	96.203
21/01/2019 00:00:00	Y	26°20'22" ♏	07°39'55"	-11°58'45"	-00°00'13"	84.477
22/01/2019 00:00:00	☉	01°39'12" ♊	-19°47'18"	00°00'00"	01°01'01"	0.984
22/01/2019 00:00:00	☾	12°43'03" ♋	18°23'21"	01°27'32"	15°12'06"	0.002

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22/01/2019 00:00:00	♀	26°18'50" ♃	-22°42'21"	-01°51'14"	01°37'57"	1.423
22/01/2019 00:00:00	♀	15°29'29" ♃	-19°36'44"	03°03'03"	01°05'58"	0.794
22/01/2019 00:00:00	♂	14°07'15" ♃	05°41'02"	00°07'31"	00°40'38"	1.440
22/01/2019 00:00:00	♃	15°57'52" ♃	-22°04'41"	00°37'16"	00°11'15"	5.984
22/01/2019 00:00:00	♃	13°50'05" ♃	-22°15'31"	00°27'38"	00°06'52"	10.992
22/01/2019 00:00:00	♃	28°42'00" ♃	10°31'23"	-00°31'17"	00°00'47"	19.886
22/01/2019 00:00:00	♃	14°36'45" ♃	-06°56'50"	-00°57'50"	00°01'46"	30.651
22/01/2019 00:00:00	♃	21°18'03" ♃	-21°53'00"	-00°08'08"	00°02'00"	34.693
22/01/2019 00:00:00	♃	26°46'42" ♃	20°47'50"	00°00'00"	-00°00'16"	0.002
22/01/2019 00:00:00	♃	28°44'55" ♃	02°26'41"	03°12'25"	00°02'14"	19.268
22/01/2019 00:00:00	♃	18°41'31" ♃	-17°04'31"	-01°57'05"	00°06'39"	0.003
22/01/2019 00:00:00	T♃	26°46'42" ♃	20°47'50"	00°00'00"	-00°00'16"	0.002
22/01/2019 00:00:00	T♃	09°52'12" ♃	-18°55'56"	-01°12'12"	-01°51'19"	0.003
22/01/2019 00:00:00	X	23°00'09" ♃	-02°08'11"	-11°54'36"	00°00'07"	96.220
22/01/2019 00:00:00	Y	26°20'09" ♃	07°40'00"	-11°58'37"	-00°00'12"	84.492
23/01/2019 00:00:00	♃	02°40'14" ♃	-19°33'35"	00°00'00"	01°01'01"	0.984
23/01/2019 00:00:00	♃	27°52'57" ♃	14°46'48"	02°44'33"	15°06'08"	0.002
23/01/2019 00:00:00	♀	27°57'05" ♃	-22°25'57"	-01°54'10"	01°38'32"	1.423
23/01/2019 00:00:00	♀	16°35'34" ♃	-19°45'54"	03°00'36"	01°06'11"	0.801

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23/01/2019 00:00:00	♂	14°47'53" ♏	05°57'44"	00°08'35"	00°40'38"	1.449
23/01/2019 00:00:00	♃	16°09'05" ♏	-22°05'51"	00°37'16"	00°11'10"	5.973
23/01/2019 00:00:00	♃	13°56'56" ♏	-22°14'52"	00°27'35"	00°06'50"	10.986
23/01/2019 00:00:00	♃	28°42'49" ♏	10°31'43"	-00°31'15"	00°00'50"	19.903
23/01/2019 00:00:00	♃	14°38'32" ♏	-06°56'07"	-00°57'49"	00°01'48"	30.663
23/01/2019 00:00:00	♃	21°20'03" ♏	-21°52'47"	-00°08'14"	00°01'59"	34.690
23/01/2019 00:00:00	♁	26°46'16" ♏	20°47'55"	00°00'00"	-00°00'34"	0.002
23/01/2019 00:00:00	♃	28°47'11" ♏	02°27'24"	03°12'13"	00°02'16"	19.282
23/01/2019 00:00:00	♃	18°48'10" ♏	-17°03'13"	-01°57'54"	00°06'39"	0.003
23/01/2019 00:00:00	♁	26°46'16" ♏	20°47'55"	00°00'00"	-00°00'34"	0.002
23/01/2019 00:00:00	♃	07°54'50" ♏	-19°16'42"	-01°01'35"	-02°05'35"	0.003
23/01/2019 00:00:00	X	23°00'17" ♏	-02°08'00"	-11°54'27"	00°00'08"	96.236
23/01/2019 00:00:00	Y	26°19'57" ♏	07°40'06"	-11°58'29"	-00°00'11"	84.507
24/01/2019 00:00:00	♁	03°41'15" ♏	-19°19'30"	00°00'00"	01°01'00"	0.984
24/01/2019 00:00:00	♃	12°52'25" ♏	10°15'15"	03°49'18"	14°51'30"	0.002
24/01/2019 00:00:00	♃	29°35'55" ♏	-22°08'04"	-01°56'47"	01°39'08"	1.422
24/01/2019 00:00:00	♀	17°41'53" ♏	-19°54'39"	02°58'04"	01°06'25"	0.809
24/01/2019 00:00:00	♂	15°28'31" ♏	06°14'23"	00°09'37"	00°40'38"	1.458
24/01/2019 00:00:00	♃	16°20'13" ♏	-22°07'00"	00°37'15"	00°11'05"	5.961

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24/01/2019 00:00:00	♃	14°03'46" ♁	-22°14'13"	00°27'32"	00°06'49"	10.981
24/01/2019 00:00:00	♃	28°43'41" ♁	10°32'03"	-00°31'13"	00°00'53"	19.920
24/01/2019 00:00:00	♃	14°40'21" ♃	-06°55'25"	-00°57'49"	00°01'49"	30.674
24/01/2019 00:00:00	♃	21°22'02" ♁	-21°52'34"	-00°08'19"	00°01'59"	34.688
24/01/2019 00:00:00	♃	26°45'33" ♃	20°48'03"	00°00'00"	-00°00'49"	0.002
24/01/2019 00:00:00	♃	28°49'29" ♃	02°28'07"	03°12'00"	00°02'19"	19.297
24/01/2019 00:00:00	♃	18°54'50" ♃	-17°01'54"	-01°58'44"	00°06'39"	0.003
24/01/2019 00:00:00	T♃	26°45'33" ♃	20°48'03"	00°00'00"	-00°00'49"	0.002
24/01/2019 00:00:00	T♃	05°39'12" ♃	-19°39'02"	-00°49'15"	-02°25'02"	0.003
24/01/2019 00:00:00	X	23°00'25" ♁	-02°07'48"	-11°54'17"	00°00'08"	96.253
24/01/2019 00:00:00	Y	26°19'45" ♃	07°40'11"	-11°58'21"	-00°00'11"	84.522
25/01/2019 00:00:00	♃	04°42'15" ♃	-19°05'03"	00°00'00"	01°01'00"	0.984
25/01/2019 00:00:00	♃	27°33'49" ♃	05°12'44"	04°37'32"	14°30'26"	0.002
25/01/2019 00:00:00	♃	01°15'22" ♃	-21°48'42"	-01°59'04"	01°39'45"	1.421
25/01/2019 00:00:00	♃	18°48'25" ♃	-20°03'00"	02°55'26"	01°06'38"	0.816
25/01/2019 00:00:00	♃	16°09'10" ♁	06°30'59"	00°10'39"	00°40'38"	1.466
25/01/2019 00:00:00	♃	16°31'16" ♃	-22°08'07"	00°37'15"	00°11'00"	5.948
25/01/2019 00:00:00	♃	14°10'34" ♁	-22°13'33"	00°27'28"	00°06'47"	10.975
25/01/2019 00:00:00	♃	28°44'36" ♁	10°32'24"	-00°31'11"	00°00'56"	19.937



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25/01/2019 00:00:00	♁	14°42'11" ♃	-06°54'42"	-00°57'48"	00°01'50"	30.686
25/01/2019 00:00:00	♁	21°24'01" ♃	-21°52'21"	-00°08'25"	00°01'59"	34.685
25/01/2019 00:00:00	♁	26°44'40" ♃	20°48'14"	00°00'00"	-00°00'55"	0.002
25/01/2019 00:00:00	♁	28°51'49" ♃	02°28'52"	03°11'48"	00°02'21"	19.311
25/01/2019 00:00:00	♁	19°01'29" ♃	-17°00'36"	-01°59'32"	00°06'39"	0.003
25/01/2019 00:00:00	T♁	26°44'40" ♃	20°48'14"	00°00'00"	-00°00'55"	0.002
25/01/2019 00:00:00	T♁	03°09'24" ♃	-20°01'31"	-00°35'34"	-02°30'40"	0.003
25/01/2019 00:00:00	X	23°00'35" ♃	-02°07'36"	-11°54'08"	00°00'09"	96.269
25/01/2019 00:00:00	Y	26°19'34" ♃	07°40'17"	-11°58'13"	-00°00'10"	84.537
26/01/2019 00:00:00	♁	05°43'15" ♃	-18°50'16"	00°00'01"	01°00'59"	0.984
26/01/2019 00:00:00	♁	11°52'02" ♃	00°01'19"	05°07'04"	14°05'37"	0.002
26/01/2019 00:00:00	♁	02°55'26" ♃	-21°27'51"	-02°01'00"	01°40'22"	1.420
26/01/2019 00:00:00	♁	19°55'10" ♃	-20°10'56"	02°52'42"	01°06'51"	0.824
26/01/2019 00:00:00	♁	16°49'48" ♃	06°47'31"	00°11'40"	00°40'38"	1.475
26/01/2019 00:00:00	♁	16°42'14" ♃	-22°09'13"	00°37'15"	00°10'55"	5.936
26/01/2019 00:00:00	♁	14°17'21" ♃	-22°12'54"	00°27'25"	00°06'46"	10.969
26/01/2019 00:00:00	♁	28°45'33" ♃	10°32'47"	-00°31'09"	00°00'59"	19.955
26/01/2019 00:00:00	♁	14°44'02" ♃	-06°53'58"	-00°57'47"	00°01'51"	30.697
26/01/2019 00:00:00	♁	21°26'00" ♃	-21°52'07"	-00°08'30"	00°01'58"	34.681

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26/01/2019 00:00:00	♏	26°43'47"	♄	20°48'24"	00°00'00"	-00°00'47"	0.002
26/01/2019 00:00:00	♋	28°54'12"	♃	02°29'38"	03°11'36"	00°02'24"	19.326
26/01/2019 00:00:00	♌	19°08'08"	♉	-16°59'17"	-02°00'21"	00°06'39"	0.003
26/01/2019 00:00:00	T♏	26°43'47"	♄	20°48'24"	00°00'00"	-00°00'47"	0.002
26/01/2019 00:00:00	T♌	00°47'41"	♉	-20°20'39"	-00°22'34"	-02°07'18"	0.003
26/01/2019 00:00:00	X	23°00'44"	♃	-02°07'23"	-11°53'58"	00°00'09"	96.286
26/01/2019 00:00:00	Y	26°19'24"	♄	07°40'23"	-11°58'04"	-00°00'09"	84.552
27/01/2019 00:00:00	♁	06°44'15"	♈	-18°35'08"	00°00'01"	01°00'59"	0.985
27/01/2019 00:00:00	♃	25°44'42"	♈	-05°00'46"	05°17'35"	13°39'44"	0.003
27/01/2019 00:00:00	♌	04°36'08"	♉	-21°05'31"	-02°02'34"	01°41'01"	1.418
27/01/2019 00:00:00	♍	21°02'07"	♊	-20°18'25"	02°49'54"	01°07'03"	0.831
27/01/2019 00:00:00	♎	17°30'26"	♃	07°04'00"	00°12'40"	00°40'38"	1.483
27/01/2019 00:00:00	♏	16°53'06"	♄	-22°10'17"	00°37'14"	00°10'50"	5.924
27/01/2019 00:00:00	♐	14°24'06"	♅	-22°12'14"	00°27'22"	00°06'44"	10.963
27/01/2019 00:00:00	♑	28°46'34"	♆	10°33'10"	-00°31'07"	00°01'02"	19.972
27/01/2019 00:00:00	♒	14°45'54"	♇	-06°53'14"	-00°57'46"	00°01'52"	30.708
27/01/2019 00:00:00	♓	21°27'59"	♈	-21°51'54"	-00°08'36"	00°01'58"	34.678
27/01/2019 00:00:00	♏	26°43'09"	♄	20°48'31"	00°00'00"	-00°00'26"	0.002
27/01/2019 00:00:00	♋	28°56'37"	♃	02°30'25"	03°11'25"	00°02'26"	19.340

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27/01/2019 00:00:00	☾	19°14'48" ♁	-16°57'58"	-02°01'10"	00°06'39"	0.003
27/01/2019 00:00:00	♁	26°43'09" ♃	20°48'31"	00°00'00"	-00°00'26"	0.002
27/01/2019 00:00:00	♁	29°04'57" ♃	-20°33'11"	-00°13'08"	-01°13'57"	0.003
27/01/2019 00:00:00	X	23°00'54" ♃	-02°07'11"	-11°53'49"	00°00'10"	96.302
27/01/2019 00:00:00	Y	26°19'14" ♃	07°40'29"	-11°57'56"	-00°00'09"	84.567
28/01/2019 00:00:00	☉	07°45'14" ♁	-18°19'39"	00°00'01"	01°00'58"	0.985
28/01/2019 00:00:00	☾	09°11'52" ♃	-09°39'07"	05°10'10"	13°14'55"	0.003
28/01/2019 00:00:00	♀	06°17'29" ♁	-20°41'40"	-02°03'46"	01°41'40"	1.415
28/01/2019 00:00:00	♀	22°09'16" ♃	-20°25'28"	02°47'01"	01°07'14"	0.839
28/01/2019 00:00:00	♂	18°11'05" ♃	07°20'25"	00°13'39"	00°40'38"	1.492
28/01/2019 00:00:00	♃	17°03'54" ♃	-22°11'20"	00°37'14"	00°10'44"	5.911
28/01/2019 00:00:00	♃	14°30'50" ♃	-22°11'34"	00°27'18"	00°06'42"	10.956
28/01/2019 00:00:00	♃	28°47'38" ♃	10°33'35"	-00°31'05"	00°01'05"	19.989
28/01/2019 00:00:00	♃	14°47'48" ♃	-06°52'29"	-00°57'46"	00°01'54"	30.718
28/01/2019 00:00:00	♃	21°29'57" ♃	-21°51'41"	-00°08'41"	00°01'57"	34.674
28/01/2019 00:00:00	♁	26°42'57" ♃	20°48'34"	00°00'00"	00°00'03"	0.002
28/01/2019 00:00:00	♃	28°59'05" ♃	02°31'13"	03°11'13"	00°02'28"	19.354
28/01/2019 00:00:00	☾	19°21'27" ♁	-16°56'38"	-02°01'59"	00°06'39"	0.003
28/01/2019 00:00:00	♁	26°42'57" ♃	20°48'34"	00°00'00"	00°00'03"	0.002

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28/01/2019 00:00:00	T♄	28°25'36" ♏	-20°37'41"	-00°09'30"	-00°03'13"	0.003
28/01/2019 00:00:00	X	23°01'05" ♏	-02°06'58"	-11°53'39"	00°00'11"	96.319
28/01/2019 00:00:00	Y	26°19'06" ♏	07°40'35"	-11°57'48"	-00°00'08"	84.582
29/01/2019 00:00:00	☉	08°46'12" ♍	-18°03'51"	00°00'00"	01°00'58"	0.985
29/01/2019 00:00:00	☾	22°15'24" ♎	-13°42'26"	04°46'45"	12°52'38"	0.003
29/01/2019 00:00:00	♀	07°59'29" ♍	-20°16'19"	-02°04'34"	01°42'19"	1.412
29/01/2019 00:00:00	♀	23°16'36" ♏	-20°32'03"	02°44'03"	01°07'26"	0.846
29/01/2019 00:00:00	♂	18°51'43" ♏	07°36'47"	00°14'38"	00°40'38"	1.501
29/01/2019 00:00:00	♃	17°14'36" ♏	-22°12'22"	00°37'14"	00°10'39"	5.898
29/01/2019 00:00:00	♅	14°37'32" ♏	-22°10'53"	00°27'15"	00°06'40"	10.950
29/01/2019 00:00:00	♁	28°48'45" ♏	10°34'00"	-00°31'03"	00°01'08"	20.005
29/01/2019 00:00:00	♃	14°49'42" ♏	-06°51'44"	-00°57'45"	00°01'55"	30.729
29/01/2019 00:00:00	♁	21°31'54" ♏	-21°51'28"	-00°08'47"	00°01'57"	34.669
29/01/2019 00:00:00	♁	26°43'18" ♏	20°48'30"	00°00'00"	00°00'37"	0.002
29/01/2019 00:00:00	♁	29°01'35" ♏	02°32'02"	03°11'01"	00°02'31"	19.367
29/01/2019 00:00:00	♁	19°28'06" ♍	-16°55'18"	-02°02'48"	00°06'39"	0.003
29/01/2019 00:00:00	T♁	26°43'18" ♏	20°48'30"	00°00'00"	00°00'37"	0.002
29/01/2019 00:00:00	T♄	28°58'53" ♏	-20°33'52"	-00°12'33"	01°08'49"	0.003
29/01/2019 00:00:00	X	23°01'17" ♏	-02°06'45"	-11°53'30"	00°00'12"	96.335

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29/01/2019 00:00:00	Y	26°18'58" ♄	07°40'41"	-11°57'39"	-00°00'07"	84.598
30/01/2019 00:00:00	☉	09°47'10" ♁	-17°47'43"	00°00'00"	01°00'57"	0.985
30/01/2019 00:00:00	☾	04°58'16" ♀	-17°01'39"	04°09'43"	12°33'42"	0.003
30/01/2019 00:00:00	♀	09°42'09" ♁	-19°49'28"	-02°04'58"	01°42'59"	1.408
30/01/2019 00:00:00	♀	24°24'08" ♀	-20°38'09"	02°41'00"	01°07'37"	0.854
30/01/2019 00:00:00	♂	19°32'22" ♃	07°53'05"	00°15'35"	00°40'38"	1.509
30/01/2019 00:00:00	♃	17°25'13" ♀	-22°13'22"	00°37'13"	00°10'33"	5.885
30/01/2019 00:00:00	♄	14°44'12" ♁	-22°10'13"	00°27'12"	00°06'39"	10.943
30/01/2019 00:00:00	♅	28°49'56" ♃	10°34'27"	-00°31'01"	00°01'11"	20.022
30/01/2019 00:00:00	♆	14°51'38" ♃	-06°50'59"	-00°57'45"	00°01'56"	30.739
30/01/2019 00:00:00	♇	21°33'52" ♁	-21°51'15"	-00°08'52"	00°01'56"	34.665
30/01/2019 00:00:00	♈	26°44'10" ♁	20°48'19"	00°00'00"	00°01'06"	0.002
30/01/2019 00:00:00	♉	29°04'08" ♃	02°32'52"	03°10'50"	00°02'33"	19.381
30/01/2019 00:00:00	♊	19°34'46" ♁	-16°53'58"	-02°03'36"	00°06'39"	0.003
30/01/2019 00:00:00	T♈	26°44'10" ♁	20°48'19"	00°00'00"	00°01'06"	0.002
30/01/2019 00:00:00	T♉	00°39'47" ♁	-20°21'37"	-00°21'48"	02°10'38"	0.003
30/01/2019 00:00:00	X	23°01'29" ♃	-02°06'32"	-11°53'21"	00°00'12"	96.351
30/01/2019 00:00:00	Y	26°18'50" ♄	07°40'48"	-11°57'31"	-00°00'06"	84.613
31/01/2019 00:00:00	☉	10°48'07" ♁	-17°31'16"	00°00'00"	01°00'56"	0.985

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31/01/2019 00:00:00	♃	17°24'01" ♄	-19°29'32"	03°21'39"	12°18'23"	0.003
31/01/2019 00:00:00	♆	11°25'28" ♁	-19°21'06"	-02°04'57"	01°43'38"	1.403
31/01/2019 00:00:00	♀	25°31'50" ♄	-20°43'47"	02°37'54"	01°07'47"	0.861
31/01/2019 00:00:00	♂	20°13'00" ♃	08°09'19"	00°16'32"	00°40'38"	1.518
31/01/2019 00:00:00	♃	17°35'44" ♄	-22°14'21"	00°37'13"	00°10'28"	5.872
31/01/2019 00:00:00	♃	14°50'50" ♃	-22°09'33"	00°27'09"	00°06'37"	10.935
31/01/2019 00:00:00	♃	28°51'09" ♃	10°34'55"	-00°30'59"	00°01'14"	20.039
31/01/2019 00:00:00	♃	14°53'35" ♃	-06°50'13"	-00°57'44"	00°01'57"	30.749
31/01/2019 00:00:00	♃	21°35'48" ♃	-21°51'02"	-00°08'58"	00°01'56"	34.660
31/01/2019 00:00:00	♃	26°45'26" ♃	20°48'05"	00°00'00"	00°01'22"	0.002
31/01/2019 00:00:00	♃	29°06'42" ♃	02°33'43"	03°10'39"	00°02'35"	19.394
31/01/2019 00:00:00	♃	19°41'25" ♁	-16°52'38"	-02°04'25"	00°06'39"	0.003
31/01/2019 00:00:00	♃	26°45'26" ♃	20°48'05"	00°00'00"	00°01'22"	0.002
31/01/2019 00:00:00	♃	03°14'50" ♁	-20°00'40"	-00°35'58"	02°56'32"	0.003
31/01/2019 00:00:00	X	23°01'43" ♃	-02°06'19"	-11°53'11"	00°00'13"	96.368
31/01/2019 00:00:00	Y	26°18'44" ♃	07°40'55"	-11°57'22"	-00°00'06"	84.629
01/02/2019 00:00:00	♃	11°49'03" ♁	-17°14'30"	00°00'00"	01°00'55"	0.985
01/02/2019 00:00:00	♃	29°36'14" ♄	-21°00'52"	02°25'13"	12°06'36"	0.003
01/02/2019 00:00:00	♆	13°09'27" ♁	-18°51'14"	-02°04'30"	01°44'18"	1.397

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01/02/2019 00:00:00	♀	26°39'43" ♃	-20°48'56"	02°34'43"	01°07'57"	0.869
01/02/2019 00:00:00	♂	20°53'39" ♃	08°25'28"	00°17'29"	00°40'38"	1.527
01/02/2019 00:00:00	♃	17°46'09" ♃	-22°15'18"	00°37'13"	00°10'22"	5.859
01/02/2019 00:00:00	♃	14°57'26" ♃	-22°08'52"	00°27'05"	00°06'35"	10.928
01/02/2019 00:00:00	♃	28°52'25" ♃	10°35'23"	-00°30'57"	00°01'17"	20.056
01/02/2019 00:00:00	♃	14°55'34" ♃	-06°49'27"	-00°57'43"	00°01'58"	30.759
01/02/2019 00:00:00	♃	21°37'44" ♃	-21°50'49"	-00°09'03"	00°01'55"	34.655
01/02/2019 00:00:00	♃	26°46'49" ♃	20°47'49"	00°00'00"	00°01'20"	0.002
01/02/2019 00:00:00	♃	29°09'19" ♃	02°34'35"	03°10'28"	00°02'38"	19.408
01/02/2019 00:00:00	♃	19°48'05" ♃	-16°51'17"	-02°05'14"	00°06'39"	0.003
01/02/2019 00:00:00	T♃	26°46'49" ♃	20°47'49"	00°00'00"	00°01'20"	0.002
01/02/2019 00:00:00	T♃	06°27'01" ♃	-19°31'12"	-00°53'26"	03°24'57"	0.003
01/02/2019 00:00:00	X	23°01'56" ♃	-02°06'05"	-11°53'02"	00°00'13"	96.384
01/02/2019 00:00:00	Y	26°18'38" ♃	07°41'02"	-11°57'14"	-00°00'05"	84.644
02/02/2019 00:00:00	♃	12°49'59" ♃	-16°57'26"	00°00'00"	01°00'55"	0.985
02/02/2019 00:00:00	♃	11°38'18" ♃	-21°32'44"	01°23'07"	11°58'01"	0.003
02/02/2019 00:00:00	♃	14°54'04" ♃	-18°19'52"	-02°03'35"	01°44'56"	1.391
02/02/2019 00:00:00	♀	27°47'45" ♃	-20°53'34"	02°31'28"	01°08'07"	0.876
02/02/2019 00:00:00	♂	21°34'18" ♃	08°41'34"	00°18'24"	00°40'38"	1.535

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02/02/2019 00:00:00	♃	17°56'29" ♄	-22°16'15"	00°37'13"	00°10'16"	5.846
02/02/2019 00:00:00	♅	15°04'00" ♁	-22°08'11"	00°27'02"	00°06'33"	10.920
02/02/2019 00:00:00	♁	28°53'44" ♃	10°35'53"	-00°30'55"	00°01'20"	20.073
02/02/2019 00:00:00	♆	14°57'33" ♃	-06°48'40"	-00°57'43"	00°01'59"	30.768
02/02/2019 00:00:00	♁	21°39'40" ♁	-21°50'37"	-00°09'09"	00°01'55"	34.650
02/02/2019 00:00:00	♄	26°47'59" ♁	20°47'36"	00°00'00"	00°00'57"	0.002
02/02/2019 00:00:00	♃	29°11'58" ♃	02°35'28"	03°10'17"	00°02'40"	19.420
02/02/2019 00:00:00	♁	19°54'44" ♁	-16°49'56"	-02°06'02"	00°06'39"	0.003
02/02/2019 00:00:00	♄♁	26°47'59" ♁	20°47'36"	00°00'00"	00°00'57"	0.002
02/02/2019 00:00:00	♃♁	09°59'15" ♁	-18°54'20"	-01°12'30"	03°36'59"	0.003
02/02/2019 00:00:00	X	23°02'10" ♃	-02°05'51"	-11°52'53"	00°00'14"	96.400
02/02/2019 00:00:00	Y	26°18'33" ♄	07°41'09"	-11°57'05"	-00°00'04"	84.660
03/02/2019 00:00:00	♁	13°50'53" ♁	-16°40'04"	00°00'00"	01°00'54"	0.986
03/02/2019 00:00:00	♁	23°33'14" ♁	-21°05'08"	00°18'02"	11°52'17"	0.003
03/02/2019 00:00:00	♁	16°39'20" ♁	-17°47'00"	-02°02'11"	01°45'34"	1.384
03/02/2019 00:00:00	♁	28°55'57" ♄	-20°57'42"	02°28'10"	01°08'16"	0.884
03/02/2019 00:00:00	♂	22°14'56" ♃	08°57'35"	00°19'19"	00°40'38"	1.544
03/02/2019 00:00:00	♃	18°06'43" ♄	-22°17'09"	00°37'13"	00°10'10"	5.832
03/02/2019 00:00:00	♅	15°10'32" ♁	-22°07'30"	00°26'59"	00°06'31"	10.912



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03/02/2019 00:00:00	♃	28°55'05" ♀	10°36'24"	-00°30'53"	00°01'23"	20.089
03/02/2019 00:00:00	♃	14°59'33" ♀	-06°47'53"	-00°57'42"	00°02'00"	30.777
03/02/2019 00:00:00	♃	21°41'35" ♀	-21°50'24"	-00°09'14"	00°01'54"	34.644
03/02/2019 00:00:00	♃	26°48'36" ♀	20°47'29"	00°00'00"	00°00'14"	0.002
03/02/2019 00:00:00	♃	29°14'40" ♀	02°36'23"	03°10'06"	00°02'42"	19.433
03/02/2019 00:00:00	♃	20°01'24" ♀	-16°48'35"	-02°06'51"	00°06'39"	0.003
03/02/2019 00:00:00	♃	26°48'36" ♀	20°47'29"	00°00'00"	00°00'14"	0.002
03/02/2019 00:00:00	♃	13°36'42" ♀	-18°12'02"	-01°31'45"	03°36'10"	0.003
03/02/2019 00:00:00	X	23°02'25" ♀	-02°05'38"	-11°52'44"	00°00'15"	96.415
03/02/2019 00:00:00	Y	26°18'29" ♀	07°41'16"	-11°56'57"	-00°00'03"	84.676
04/02/2019 00:00:00	♃	14°51'47" ♀	-16°22'25"	00°00'00"	01°00'52"	0.986
04/02/2019 00:00:00	♃	05°23'41" ♀	-19°40'59"	-00°47'21"	11°48'58"	0.003
04/02/2019 00:00:00	♃	18°25'13" ♀	-17°12'40"	-02°00'19"	01°46'10"	1.377
04/02/2019 00:00:00	♃	00°04'18" ♀	-21°01'19"	02°24'48"	01°08'25"	0.891
04/02/2019 00:00:00	♃	22°55'34" ♀	09°13'32"	00°20'13"	00°40'38"	1.553
04/02/2019 00:00:00	♃	18°16'50" ♀	-22°18'03"	00°37'13"	00°10'04"	5.819
04/02/2019 00:00:00	♃	15°17'02" ♀	-22°06'50"	00°26'56"	00°06'28"	10.904
04/02/2019 00:00:00	♃	28°56'30" ♀	10°36'56"	-00°30'51"	00°01'26"	20.106
04/02/2019 00:00:00	♃	15°01'34" ♀	-06°47'06"	-00°57'42"	00°02'01"	30.786

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04/02/2019 00:00:00	♁	21°43'29" ♁	-21°50'11"	-00°09'20"	00°01'53"	34.638
04/02/2019 00:00:00	♁	26°48'23" ♁	20°47'31"	00°00'00"	-00°00'42"	0.002
04/02/2019 00:00:00	♁	29°17'23" ♁	02°37'18"	03°09'55"	00°02'44"	19.446
04/02/2019 00:00:00	♁	20°08'03" ♁	-16°47'14"	-02°07'39"	00°06'39"	0.003
04/02/2019 00:00:00	T♁	26°48'23" ♁	20°47'31"	00°00'00"	-00°00'42"	0.002
04/02/2019 00:00:00	T♁	17°09'14" ♁	-17°26'30"	-01°50'13"	03°28'17"	0.003
04/02/2019 00:00:00	X	23°02'41" ♁	-02°05'23"	-11°52'35"	00°00'15"	96.431
04/02/2019 00:00:00	Y	26°18'25" ♁	07°41'24"	-11°56'48"	-00°00'03"	84.692
05/02/2019 00:00:00	♁	15°52'39" ♁	-16°04'28"	00°00'00"	01°00'51"	0.986
05/02/2019 00:00:00	♁	17°11'55" ♁	-17°25'51"	-01°50'24"	11°47'49"	0.003
05/02/2019 00:00:00	♁	20°11'41" ♁	-16°36'51"	-01°57'55"	01°46'44"	1.368
05/02/2019 00:00:00	♁	01°12'48" ♁	-21°04'25"	02°21'23"	01°08'33"	0.898
05/02/2019 00:00:00	♁	23°36'13" ♁	09°29'25"	00°21'06"	00°40'38"	1.561
05/02/2019 00:00:00	♁	18°26'52" ♁	-22°18'55"	00°37'13"	00°09'58"	5.805
05/02/2019 00:00:00	♁	15°23'30" ♁	-22°06'09"	00°26'53"	00°06'26"	10.896
05/02/2019 00:00:00	♁	28°57'58" ♁	10°37'29"	-00°30'49"	00°01'29"	20.122
05/02/2019 00:00:00	♁	15°03'37" ♁	-06°46'18"	-00°57'41"	00°02'02"	30.795
05/02/2019 00:00:00	♁	21°45'23" ♁	-21°49'59"	-00°09'25"	00°01'53"	34.632
05/02/2019 00:00:00	♁	26°47'09" ♁	20°47'45"	00°00'00"	-00°01'46"	0.002

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05/02/2019 00:00:00	♁	29°20'09" ♈	02°38'14"	03°09'44"	00°02'46"	19.458
05/02/2019 00:00:00	♁	20°14'43" ♋	-16°45'52"	-02°08'27"	00°06'39"	0.003
05/02/2019 00:00:00	♁	26°47'09" ♉	20°47'45"	00°00'00"	-00°01'46"	0.002
05/02/2019 00:00:00	♁	20°33'05" ♋	-16°39'09"	-02°07'33"	03°19'44"	0.003
05/02/2019 00:00:00	X	23°02'57" ♈	-02°05'09"	-11°52'25"	00°00'16"	96.447
05/02/2019 00:00:00	Y	26°18'22" ♉	07°41'32"	-11°56'40"	-00°00'02"	84.708
06/02/2019 00:00:00	♁	16°53'30" ♋	-15°46'15"	00°00'00"	01°00'50"	0.986
06/02/2019 00:00:00	♁	29°00'00" ♋	-14°27'09"	-02°48'37"	11°48'40"	0.003
06/02/2019 00:00:00	♁	21°58'42" ♋	-15°59'36"	-01°55'00"	01°47'16"	1.359
06/02/2019 00:00:00	♁	02°21'26" ♌	-21°06'59"	02°17'54"	01°08'42"	0.906
06/02/2019 00:00:00	♁	24°16'51" ♈	09°45'13"	00°21'59"	00°40'37"	1.570
06/02/2019 00:00:00	♁	18°36'47" ♌	-22°19'46"	00°37'13"	00°09'51"	5.791
06/02/2019 00:00:00	♁	15°29'55" ♌	-22°05'28"	00°26'50"	00°06'24"	10.887
06/02/2019 00:00:00	♁	28°59'28" ♈	10°38'03"	-00°30'48"	00°01'31"	20.139
06/02/2019 00:00:00	♁	15°05'40" ♈	-06°45'30"	-00°57'41"	00°02'03"	30.803
06/02/2019 00:00:00	♁	21°47'15" ♌	-21°49'47"	-00°09'31"	00°01'52"	34.625
06/02/2019 00:00:00	♁	26°44'52" ♉	20°48'12"	00°00'00"	-00°02'47"	0.002
06/02/2019 00:00:00	♁	29°22'56" ♈	02°39'11"	03°09'34"	00°02'48"	19.470
06/02/2019 00:00:00	♁	20°21'22" ♋	-16°44'31"	-02°09'15"	00°06'39"	0.003

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06/02/2019 00:00:00	T♄	26°44'52" ♉	20°48'12"	00°00'00"	-00°02'47"	0.002
06/02/2019 00:00:00	T♄	23°49'50" ♋	-15°50'15"	-02°23'53"	03°14'17"	0.003
06/02/2019 00:00:00	X	23°03'14" ♋	-02°04'55"	-11°52'16"	00°00'16"	96.462
06/02/2019 00:00:00	Y	26°18'20" ♉	07°41'40"	-11°56'31"	-00°00'01"	84.724
07/02/2019 00:00:00	☉	17°54'20" ♋	-15°27'46"	-00°00'00"	01°00'49"	0.986
07/02/2019 00:00:00	☾	10°49'55" ♋	-10°53'20"	-03°39'40"	11°51'31"	0.003
07/02/2019 00:00:00	☿	23°46'12" ♋	-15°20'56"	-01°51'31"	01°47'43"	1.348
07/02/2019 00:00:00	♀	03°30'12" ♌	-21°09'00"	02°14'23"	01°08'50"	0.913
07/02/2019 00:00:00	♂	24°57'28" ♋	10°00'56"	00°22'51"	00°40'37"	1.579
07/02/2019 00:00:00	♃	18°46'35" ♌	-22°20'35"	00°37'13"	00°09'45"	5.777
07/02/2019 00:00:00	♅	15°36'18" ♌	-22°04'47"	00°26'47"	00°06'21"	10.878
07/02/2019 00:00:00	♁	29°01'02" ♋	10°38'37"	-00°30'46"	00°01'34"	20.155
07/02/2019 00:00:00	♂	15°07'44" ♋	-06°44'42"	-00°57'41"	00°02'04"	30.811
07/02/2019 00:00:00	♁	21°49'08" ♌	-21°49'34"	-00°09'37"	00°01'51"	34.619
07/02/2019 00:00:00	♁	26°41'39" ♉	20°48'49"	00°00'00"	-00°03'35"	0.002
07/02/2019 00:00:00	♁	29°25'45" ♋	02°40'08"	03°09'23"	00°02'50"	19.482
07/02/2019 00:00:00	♁	20°28'02" ♋	-16°43'09"	-02°10'04"	00°06'39"	0.003
07/02/2019 00:00:00	T♄	26°41'39" ♉	20°48'49"	00°00'00"	-00°03'35"	0.002
07/02/2019 00:00:00	T♄	27°02'24" ♋	-14°59'33"	-02°39'28"	03°10'50"	0.003

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07/02/2019 00:00:00	X	23°03'31" ♄	-02°04'40"	-11°52'07"	00°00'17"	96.478
07/02/2019 00:00:00	Y	26°18'18" ♄	07°41'48"	-11°56'22"	-00°00'01"	84.740
08/02/2019 00:00:00	☉	18°55'09" ♁	-15°09'00"	-00°00'00"	01°00'47"	0.986
08/02/2019 00:00:00	☾	22°43'47" ♃	-06°53'08"	-04°21'25"	11°56'34"	0.003
08/02/2019 00:00:00	♀	25°34'08" ♁	-14°40'53"	-01°47'28"	01°48'07"	1.337
08/02/2019 00:00:00	♀	04°39'06" ♃	-21°10'29"	02°10'49"	01°08'57"	0.920
08/02/2019 00:00:00	♂	25°38'06" ♄	10°16'34"	00°23'42"	00°40'37"	1.587
08/02/2019 00:00:00	♃	18°56'18" ♃	-22°21'24"	00°37'13"	00°09'38"	5.763
08/02/2019 00:00:00	♃	15°42'38" ♃	-22°04'06"	00°26'44"	00°06'19"	10.869
08/02/2019 00:00:00	♃	29°02'38" ♄	10°39'13"	-00°30'44"	00°01'37"	20.171
08/02/2019 00:00:00	♃	15°09'48" ♃	-06°43'53"	-00°57'40"	00°02'05"	30.819
08/02/2019 00:00:00	♃	21°50'59" ♃	-21°49'22"	-00°09'42"	00°01'50"	34.612
08/02/2019 00:00:00	♁	26°37'49" ♄	20°49'33"	00°00'00"	-00°04'00"	0.002
08/02/2019 00:00:00	♃	29°28'37" ♃	02°41'07"	03°09'13"	00°02'52"	19.494
08/02/2019 00:00:00	♁	20°34'41" ♁	-16°41'46"	-02°10'52"	00°06'39"	0.003
08/02/2019 00:00:00	T♁	26°37'49" ♄	20°49'33"	00°00'00"	-00°04'00"	0.002
08/02/2019 00:00:00	T♃	00°10'35" ♃	-14°07'27"	-02°54'14"	03°04'32"	0.003
08/02/2019 00:00:00	X	23°03'49" ♄	-02°04'26"	-11°51'59"	00°00'18"	96.493
08/02/2019 00:00:00	Y	26°18'18" ♄	07°41'57"	-11°56'13"	-00°00'00"	84.756

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09/02/2019 00:00:00	☉	19°55'56" ♊	-14°50'00"	-00°00'00"	01°00'46"	0.987
09/02/2019 00:00:00	☾	04°43'54" ♈	-02°35'18"	-04°52'03"	12°04'06"	0.003
09/02/2019 00:00:00	♃	27°22'25" ♊	-13°59'29"	-01°42'49"	01°48'24"	1.325
09/02/2019 00:00:00	♄	05°48'07" ♉	-21°11'25"	02°07'12"	01°09'05"	0.928
09/02/2019 00:00:00	♅	26°18'42" ♈	10°32'07"	00°24'33"	00°40'36"	1.596
09/02/2019 00:00:00	♆	19°05'53" ♈	-22°22'11"	00°37'14"	00°09'32"	5.749
09/02/2019 00:00:00	♇	15°48'56" ♉	-22°03'24"	00°26'41"	00°06'16"	10.860
09/02/2019 00:00:00	♈	29°04'16" ♈	10°39'50"	-00°30'42"	00°01'40"	20.187
09/02/2019 00:00:00	♉	15°11'54" ♈	-06°43'05"	-00°57'40"	00°02'06"	30.827
09/02/2019 00:00:00	♊	21°52'49" ♉	-21°49'10"	-00°09'48"	00°01'50"	34.605
09/02/2019 00:00:00	♋	26°33'47" ♈	20°50'19"	00°00'00"	-00°03'57"	0.002
09/02/2019 00:00:00	♌	29°31'30" ♈	02°42'07"	03°09'03"	00°02'54"	19.505
09/02/2019 00:00:00	♍	20°41'21" ♊	-16°40'24"	-02°11'40"	00°06'39"	0.003
09/02/2019 00:00:00	T♋	26°33'47" ♈	20°50'19"	00°00'00"	-00°03'57"	0.002
09/02/2019 00:00:00	T♌	03°08'38" ♈	-13°16'01"	-03°07'45"	02°49'44"	0.003
09/02/2019 00:00:00	X	23°04'07" ♈	-02°04'11"	-11°51'50"	00°00'18"	96.508
09/02/2019 00:00:00	Y	26°18'18" ♉	07°42'05"	-11°56'05"	00°00'00"	84.772
10/02/2019 00:00:00	☉	20°56'42" ♊	-14°30'44"	-00°00'00"	01°00'44"	0.987
10/02/2019 00:00:00	☾	16°52'58" ♈	01°51'26"	-05°10'00"	12°14'32"	0.003

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10/02/2019 00:00:00	♀	29°10'55" ♁	-13°16'48"	-01°37'34"	01°48'35"	1.312
10/02/2019 00:00:00	♀	06°57'16" ♁	-21°11'47"	02°03'33"	01°09'12"	0.935
10/02/2019 00:00:00	♂	26°59'19" ♁	10°47'35"	00°25'23"	00°40'36"	1.604
10/02/2019 00:00:00	♃	19°15'22" ♁	-22°22'56"	00°37'14"	00°09'25"	5.735
10/02/2019 00:00:00	♃	15°55'11" ♁	-22°02'43"	00°26'38"	00°06'13"	10.850
10/02/2019 00:00:00	♃	29°05'58" ♁	10°40'27"	-00°30'40"	00°01'42"	20.203
10/02/2019 00:00:00	♃	15°14'01" ♁	-06°42'15"	-00°57'40"	00°02'06"	30.834
10/02/2019 00:00:00	♃	21°54'39" ♁	-21°48'58"	-00°09'53"	00°01'49"	34.597
10/02/2019 00:00:00	♃	26°30'04" ♁	20°51'01"	00°00'00"	-00°03'24"	0.002
10/02/2019 00:00:00	♃	29°34'25" ♁	02°43'07"	03°08'53"	00°02'55"	19.517
10/02/2019 00:00:00	♃	20°48'00" ♁	-16°39'01"	-02°12'28"	00°06'39"	0.003
10/02/2019 00:00:00	T♃	26°30'04" ♁	20°51'01"	00°00'00"	-00°03'24"	0.002
10/02/2019 00:00:00	T♃	05°45'47" ♁	-12°29'00"	-03°19'18"	02°22'10"	0.003
10/02/2019 00:00:00	X	23°04'26" ♁	-02°03'56"	-11°51'41"	00°00'19"	96.523
10/02/2019 00:00:00	Y	26°18'19" ♁	07°42'14"	-11°55'56"	00°00'01"	84.788
11/02/2019 00:00:00	♁	21°57'26" ♁	-14°11'14"	-00°00'00"	01°00'43"	0.987
11/02/2019 00:00:00	♁	29°14'03" ♁	06°18'00"	-05°14'00"	12°28'12"	0.003
11/02/2019 00:00:00	♀	00°59'33" ♁	-12°32'53"	-01°31'41"	01°48'37"	1.298
11/02/2019 00:00:00	♀	08°06'32" ♁	-21°11'36"	01°59'52"	01°09'19"	0.942

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11/02/2019 00:00:00	♂	27°39'55" ♀	11°02'57"	00°26'12"	00°40'35"	1.613
11/02/2019 00:00:00	♃	19°24'44" ♂	-22°23'41"	00°37'14"	00°09'18"	5.720
11/02/2019 00:00:00	♅	16°01'24" ♀	-22°02'02"	00°26'36"	00°06'11"	10.841
11/02/2019 00:00:00	♁	29°07'42" ♀	10°41'06"	-00°30'38"	00°01'45"	20.219
11/02/2019 00:00:00	♃	15°16'08" ♀	-06°41'26"	-00°57'39"	00°02'07"	30.842
11/02/2019 00:00:00	♁	21°56'28" ♀	-21°48'46"	-00°09'59"	00°01'48"	34.589
11/02/2019 00:00:00	♁	26°27'08" ♀	20°51'35"	00°00'00"	-00°02'25"	0.002
11/02/2019 00:00:00	♃	29°37'22" ♀	02°44'08"	03°08'43"	00°02'57"	19.528
11/02/2019 00:00:00	♁	20°54'40" ♀	-16°37'38"	-02°13'16"	00°06'39"	0.003
11/02/2019 00:00:00	♁	26°27'08" ♀	20°51'35"	00°00'00"	-00°02'25"	0.002
11/02/2019 00:00:00	♁	07°47'58" ♀	-11°51'28"	-03°28'00"	01°39'39"	0.003
11/02/2019 00:00:00	X	23°04'46" ♀	-02°03'41"	-11°51'32"	00°00'19"	96.538
11/02/2019 00:00:00	Y	26°18'20" ♀	07°42'23"	-11°55'47"	00°00'01"	84.804
12/02/2019 00:00:00	♁	22°58'09" ♀	-13°51'30"	-00°00'00"	01°00'41"	0.987
12/02/2019 00:00:00	♁	11°50'33" ♀	10°34'21"	-05°03'08"	12°45'23"	0.003
12/02/2019 00:00:00	♁	02°48'08" ♀	-11°47'50"	-01°25'08"	01°48'30"	1.282
12/02/2019 00:00:00	♀	09°15'55" ♀	-21°10'51"	01°56'08"	01°09'26"	0.949
12/02/2019 00:00:00	♂	28°20'30" ♀	11°18'15"	00°27'01"	00°40'35"	1.622
12/02/2019 00:00:00	♃	19°33'59" ♂	-22°24'24"	00°37'15"	00°09'11"	5.706



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12/02/2019 00:00:00	♃	16°07'34" ♁	-22°01'21"	00°26'33"	00°06'08"	10.831
12/02/2019 00:00:00	♅	29°09'29" ♀	10°41'46"	-00°30'36"	00°01'48"	20.235
12/02/2019 00:00:00	♆	15°18'16" ♃	-06°40'36"	-00°57'39"	00°02'08"	30.848
12/02/2019 00:00:00	♁	21°58'16" ♁	-21°48'34"	-00°10'05"	00°01'47"	34.581
12/02/2019 00:00:00	♄	26°25'19" ♃	20°51'55"	00°00'00"	-00°01'10"	0.002
12/02/2019 00:00:00	♃	29°40'20" ♃	02°45'11"	03°08'34"	00°02'59"	19.539
12/02/2019 00:00:00	♁	21°01'19" ♃	-16°36'14"	-02°14'04"	00°06'39"	0.003
12/02/2019 00:00:00	T♄	26°25'19" ♃	20°51'55"	00°00'00"	-00°01'10"	0.002
12/02/2019 00:00:00	T♃	09°00'17" ♃	-11°28'53"	-03°33'04"	00°42'53"	0.003
12/02/2019 00:00:00	X	23°05'06" ♀	-02°03'25"	-11°51'24"	00°00'20"	96.553
12/02/2019 00:00:00	Y	26°18'22" ♂	07°42'32"	-11°55'38"	00°00'02"	84.820
13/02/2019 00:00:00	♁	23°58'50" ♃	-13°31'33"	-00°00'00"	01°00'40"	0.987
13/02/2019 00:00:00	♂	24°46'01" ♂	14°28'37"	-04°36'52"	13°06'05"	0.003
13/02/2019 00:00:00	♁	04°36'29" ♃	-11°01'43"	-01°17'56"	01°48'10"	1.266
13/02/2019 00:00:00	♁	10°25'25" ♁	-21°09'32"	01°52'23"	01°09'32"	0.957
13/02/2019 00:00:00	♂	29°01'05" ♀	11°33'26"	00°27'49"	00°40'34"	1.630
13/02/2019 00:00:00	♁	19°43'08" ♂	-22°25'06"	00°37'15"	00°09'04"	5.691
13/02/2019 00:00:00	♃	16°13'41" ♁	-22°00'40"	00°26'30"	00°06'05"	10.821
13/02/2019 00:00:00	♅	29°11'19" ♀	10°42'26"	-00°30'35"	00°01'51"	20.251

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13/02/2019 00:00:00	♁	15°20'25" ♈	-06°39'46"	-00°57'39"	00°02'09"	30.855
13/02/2019 00:00:00	♁	22°00'03" ♈	-21°48'23"	-00°10'10"	00°01'46"	34.573
13/02/2019 00:00:00	♁	26°24'47" ♉	20°52'01"	00°00'00"	00°00'05"	0.002
13/02/2019 00:00:00	♁	29°43'21" ♈	02°46'14"	03°08'24"	00°03'01"	19.549
13/02/2019 00:00:00	♁	21°07'59" ♁	-16°34'51"	-02°14'51"	00°06'39"	0.003
13/02/2019 00:00:00	T♁	26°24'47" ♉	20°52'01"	00°00'00"	00°00'05"	0.002
13/02/2019 00:00:00	T♁	09°10'34" ♈	-11°25'41"	-03°33'48"	-00°23'09"	0.003
13/02/2019 00:00:00	X	23°05'27" ♈	-02°03'10"	-11°51'15"	00°00'21"	96.567
13/02/2019 00:00:00	Y	26°18'25" ♈	07°42'41"	-11°55'30"	00°00'03"	84.837
14/02/2019 00:00:00	♁	24°59'29" ♁	-13°11'22"	-00°00'00"	01°00'38"	0.987
14/02/2019 00:00:00	♁	08°03'46" ♀	17°46'39"	-03°55'14"	13°29'51"	0.003
14/02/2019 00:00:00	♁	06°24'23" ♈	-10°14'40"	-01°10'03"	01°47'36"	1.249
14/02/2019 00:00:00	♁	11°35'01" ♈	-21°07'38"	01°48'36"	01°09'39"	0.964
14/02/2019 00:00:00	♁	29°41'39" ♈	11°48'32"	00°28'37"	00°40'33"	1.639
14/02/2019 00:00:00	♁	19°52'09" ♈	-22°25'47"	00°37'16"	00°08'57"	5.676
14/02/2019 00:00:00	♁	16°19'45" ♈	-21°59'59"	00°26'27"	00°06'02"	10.810
14/02/2019 00:00:00	♁	29°13'11" ♈	10°43'07"	-00°30'33"	00°01'53"	20.266
14/02/2019 00:00:00	♁	15°22'34" ♈	-06°38'56"	-00°57'39"	00°02'09"	30.861
14/02/2019 00:00:00	♁	22°01'49" ♈	-21°48'11"	-00°10'16"	00°01'45"	34.565

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14/02/2019 00:00:00	♏	26°25'24" ♁	20°51'54"	00°00'00"	00°01'05"	0.002
14/02/2019 00:00:00	♋	29°46'23" ♃	02°47'17"	03°08'15"	00°03'02"	19.560
14/02/2019 00:00:00	♌	21°14'38" ♄	-16°33'27"	-02°15'39"	00°06'39"	0.003
14/02/2019 00:00:00	T♏	26°25'24" ♁	20°51'54"	00°00'00"	00°01'05"	0.002
14/02/2019 00:00:00	T♌	08°14'24" ♃	-11°43'19"	-03°29'56"	-01°27'44"	0.003
14/02/2019 00:00:00	X	23°05'48" ♃	-02°02'54"	-11°51'06"	00°00'21"	96.582
14/02/2019 00:00:00	Y	26°18'29" ♄	07°42'50"	-11°55'21"	00°00'04"	84.853
15/02/2019 00:00:00	♍	26°00'07" ♄	-12°50'58"	00°00'00"	01°00'36"	0.988
15/02/2019 00:00:00	♎	21°46'26" ♄	20°12'03"	-02°59'06"	13°55'40"	0.002
15/02/2019 00:00:00	♌	08°11'36" ♃	-09°26'48"	-01°01'29"	01°46'45"	1.230
15/02/2019 00:00:00	♊	12°44'43" ♃	-21°05'10"	01°44'48"	01°09'45"	0.971
15/02/2019 00:00:00	♈	00°22'12" ♄	12°03'32"	00°29'24"	00°40'32"	1.647
15/02/2019 00:00:00	♉	20°01'03" ♃	-22°26'26"	00°37'16"	00°08'50"	5.662
15/02/2019 00:00:00	♈	16°25'46" ♃	-21°59'18"	00°26'24"	00°05'59"	10.800
15/02/2019 00:00:00	♌	29°15'06" ♃	10°43'50"	-00°30'31"	00°01'56"	20.282
15/02/2019 00:00:00	♊	15°24'44" ♃	-06°38'05"	-00°57'39"	00°02'10"	30.867
15/02/2019 00:00:00	♌	22°03'35" ♃	-21°48'00"	-00°10'21"	00°01'44"	34.556
15/02/2019 00:00:00	♏	26°26'48" ♁	20°51'38"	00°00'00"	00°01'35"	0.002
15/02/2019 00:00:00	♋	29°49'27" ♃	02°48'22"	03°08'05"	00°03'04"	19.570

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15/02/2019 00:00:00	☾	21°21'18" ♁	-16°32'02"	-02°16'27"	00°06'39"	0.003
15/02/2019 00:00:00	♁	26°26'48" ♁	20°51'38"	00°00'00"	00°01'35"	0.002
15/02/2019 00:00:00	♁	06°20'37" ♁	-12°18'27"	-03°21'53"	-02°15'49"	0.003
15/02/2019 00:00:00	X	23°06'10" ♁	-02°02'38"	-11°50'58"	00°00'22"	96.596
15/02/2019 00:00:00	Y	26°18'34" ♁	07°43'00"	-11°55'12"	00°00'05"	84.869
16/02/2019 00:00:00	☉	27°00'43" ♁	-12°30'21"	00°00'00"	01°00'35"	0.988
16/02/2019 00:00:00	☾	05°55'15" ♁	21°27'49"	-01°50'29"	14°21'47"	0.002
16/02/2019 00:00:00	♀	09°57'48" ♁	-08°38'16"	-00°52'13"	01°45'35"	1.210
16/02/2019 00:00:00	♀	13°54'32" ♁	-21°02'08"	01°40'58"	01°09'51"	0.978
16/02/2019 00:00:00	♂	01°02'45" ♁	12°18'27"	00°30'10"	00°40'32"	1.656
16/02/2019 00:00:00	♂	20°09'50" ♁	-22°27'05"	00°37'17"	00°08'43"	5.647
16/02/2019 00:00:00	♂	16°31'44" ♁	-21°58'37"	00°26'22"	00°05'56"	10.789
16/02/2019 00:00:00	♂	29°17'04" ♁	10°44'33"	-00°30'29"	00°01'58"	20.297
16/02/2019 00:00:00	♂	15°26'55" ♁	-06°37'14"	-00°57'39"	00°02'11"	30.873
16/02/2019 00:00:00	♂	22°05'19" ♁	-21°47'49"	-00°10'27"	00°01'44"	34.547
16/02/2019 00:00:00	♁	26°28'22" ♁	20°51'20"	00°00'00"	00°01'25"	0.002
16/02/2019 00:00:00	♂	29°52'32" ♁	02°49'27"	03°07'56"	00°03'06"	19.580
16/02/2019 00:00:00	☾	21°27'58" ♁	-16°30'38"	-02°17'14"	00°06'39"	0.003
16/02/2019 00:00:00	♁	26°28'22" ♁	20°51'20"	00°00'00"	00°01'25"	0.002

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16/02/2019 00:00:00	T♄	03°52'20" ♈	-13°03'06"	-03°11'01"	-02°35'37"	0.003
16/02/2019 00:00:00	X	23°06'33" ♀	-02°02'23"	-11°50'50"	00°00'22"	96.610
16/02/2019 00:00:00	Y	26°18'40" ♉	07°43'10"	-11°55'03"	00°00'05"	84.885
17/02/2019 00:00:00	☉	28°01'17" ♋	-12°09'33"	00°00'00"	01°00'33"	0.988
17/02/2019 00:00:00	☾	20°29'18" ♉	21°19'55"	-00°32'52"	14°45'42"	0.002
17/02/2019 00:00:00	♁	11°42'40" ♈	-07°49'16"	-00°42'16"	01°44'03"	1.190
17/02/2019 00:00:00	♂	15°04'26" ♉	-20°58'31"	01°37'06"	01°09'57"	0.985
17/02/2019 00:00:00	♂	01°43'16" ♉	12°33'15"	00°30'55"	00°40'31"	1.665
17/02/2019 00:00:00	♃	20°18'30" ♉	-22°27'42"	00°37'17"	00°08'36"	5.632
17/02/2019 00:00:00	♄	16°37'40" ♉	-21°57'56"	00°26'19"	00°05'53"	10.778
17/02/2019 00:00:00	♅	29°19'04" ♀	10°45'17"	-00°30'27"	00°02'01"	20.312
17/02/2019 00:00:00	♆	15°29'06" ♈	-06°36'23"	-00°57'38"	00°02'11"	30.879
17/02/2019 00:00:00	♇	22°07'03" ♉	-21°47'38"	-00°10'33"	00°01'43"	34.538
17/02/2019 00:00:00	♈	26°29'24" ♉	20°51'09"	00°00'00"	00°00'32"	0.002
17/02/2019 00:00:00	♉	29°55'39" ♈	02°50'33"	03°07'47"	00°03'07"	19.589
17/02/2019 00:00:00	♊	21°34'37" ♋	-16°29'13"	-02°18'02"	00°06'39"	0.003
17/02/2019 00:00:00	T♁	26°29'24" ♉	20°51'09"	00°00'00"	00°00'32"	0.002
17/02/2019 00:00:00	T♄	01°18'41" ♈	-13°47'56"	-02°59'22"	-02°27'59"	0.003
17/02/2019 00:00:00	X	23°06'56" ♀	-02°02'06"	-11°50'41"	00°00'23"	96.624

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17/02/2019 00:00:00	Y	26°18'46" ♂	07°43'20"	-11°54'55"	00°00'06"	84.902
18/02/2019 00:00:00	☉	29°01'50" ♁	-11°48'33"	00°00'00"	01°00'31"	0.988
18/02/2019 00:00:00	☾	05°24'57" ♀	19°42'00"	00°48'43"	15°04'28"	0.002
18/02/2019 00:00:00	♀	13°25'47" ♀	-06°59'58"	-00°31'38"	01°42'07"	1.168
18/02/2019 00:00:00	♀	16°14'27" ♀	-20°54'19"	01°33'14"	01°10'03"	0.993
18/02/2019 00:00:00	♂	02°23'47" ♂	12°47'57"	00°31'40"	00°40'30"	1.673
18/02/2019 00:00:00	♃	20°27'02" ♀	-22°28'18"	00°37'18"	00°08'28"	5.616
18/02/2019 00:00:00	♄	16°43'32" ♀	-21°57'16"	00°26'16"	00°05'50"	10.767
18/02/2019 00:00:00	♅	29°21'07" ♀	10°46'02"	-00°30'26"	00°02'03"	20.327
18/02/2019 00:00:00	♆	15°31'18" ♀	-06°35'32"	-00°57'38"	00°02'12"	30.884
18/02/2019 00:00:00	♇	22°08'45" ♀	-21°47'27"	-00°10'38"	00°01'41"	34.528
18/02/2019 00:00:00	♈	26°29'15" ♁	20°51'11"	00°00'00"	-00°00'54"	0.002
18/02/2019 00:00:00	♉	29°58'47" ♀	02°51'40"	03°07'39"	00°03'09"	19.599
18/02/2019 00:00:00	♊	21°41'17" ♁	-16°27'48"	-02°18'49"	00°06'39"	0.003
18/02/2019 00:00:00	T♈	26°29'15" ♁	20°51'11"	00°00'00"	-00°00'54"	0.002
18/02/2019 00:00:00	T♉	29°00'47" ♁	-14°26'54"	-02°48'39"	-02°07'11"	0.003
18/02/2019 00:00:00	X	23°07'20" ♀	-02°01'50"	-11°50'33"	00°00'23"	96.638
18/02/2019 00:00:00	Y	26°18'53" ♂	07°43'30"	-11°54'46"	00°00'07"	84.918
19/02/2019 00:00:00	☉	00°02'21" ♀	-11°27'23"	00°00'00"	01°00'30"	0.988

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19/02/2019 00:00:00	♃	20°35'34" ♀	16°38'51"	02°08'04"	15°15'11"	0.002
19/02/2019 00:00:00	♆	15°06'45" ♀	-06°10'38"	-00°20'19"	01°39'42"	1.144
19/02/2019 00:00:00	♁	17°24'33" ♀	-20°49'33"	01°29'21"	01°10'09"	1.000
19/02/2019 00:00:00	♂	03°04'17" ♂	13°02'32"	00°32'25"	00°40'29"	1.682
19/02/2019 00:00:00	♃	20°35'27" ♀	-22°28'54"	00°37'18"	00°08'20"	5.601
19/02/2019 00:00:00	♃	16°49'21" ♀	-21°56'35"	00°26'14"	00°05'47"	10.755
19/02/2019 00:00:00	♃	29°23'12" ♀	10°46'48"	-00°30'24"	00°02'06"	20.342
19/02/2019 00:00:00	♃	15°33'31" ♀	-06°34'41"	-00°57'38"	00°02'12"	30.889
19/02/2019 00:00:00	♃	22°10'27" ♀	-21°47'16"	-00°10'44"	00°01'40"	34.518
19/02/2019 00:00:00	♁	26°27'29" ♀	20°51'31"	00°00'00"	-00°02'38"	0.002
19/02/2019 00:00:00	♁	00°01'57" ♀	02°52'48"	03°07'30"	00°03'10"	19.608
19/02/2019 00:00:00	♁	21°47'57" ♀	-16°26'23"	-02°19'37"	00°06'39"	0.003
19/02/2019 00:00:00	♁	26°27'29" ♀	20°51'31"	00°00'00"	-00°02'38"	0.002
19/02/2019 00:00:00	♁	27°02'35" ♀	-14°59'22"	-02°39'20"	-01°51'15"	0.003
19/02/2019 00:00:00	X	23°07'44" ♀	-02°01'34"	-11°50'25"	00°00'24"	96.652
19/02/2019 00:00:00	Y	26°19'00" ♀	07°43'40"	-11°54'37"	00°00'07"	84.934
20/02/2019 00:00:00	♁	01°02'50" ♀	-11°06'01"	00°00'00"	01°00'28"	0.989
20/02/2019 00:00:00	♃	05°51'58" ♀	12°26'06"	03°18'38"	15°15'50"	0.002
20/02/2019 00:00:00	♆	16°45'03" ♀	-05°21'30"	-00°08'22"	01°36'48"	1.120

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20/02/2019 00:00:00	♀	18°34'45" ♍	-20°44'11"	01°25'27"	01°10'14"	1.007
20/02/2019 00:00:00	♂	03°44'45" ♋	13°17'02"	00°33'09"	00°40'27"	1.690
20/02/2019 00:00:00	♃	20°43'44" ♏	-22°29'28"	00°37'19"	00°08'13"	5.586
20/02/2019 00:00:00	♅	16°55'06" ♌	-21°55'55"	00°26'11"	00°05'44"	10.744
20/02/2019 00:00:00	♁	29°25'19" ♈	10°47'34"	-00°30'22"	00°02'08"	20.357
20/02/2019 00:00:00	♆	15°35'44" ♉	-06°33'49"	-00°57'38"	00°02'13"	30.894
20/02/2019 00:00:00	♁	22°12'07" ♍	-21°47'05"	-00°10'50"	00°01'39"	34.509
20/02/2019 00:00:00	♄	26°24'01" ♉	20°52'10"	00°00'00"	-00°04'15"	0.002
20/02/2019 00:00:00	♃	00°05'08" ♈	02°53'56"	03°07'21"	00°03'11"	19.617
20/02/2019 00:00:00	♁	21°54'36" ♍	-16°24'58"	-02°20'24"	00°06'39"	0.003
20/02/2019 00:00:00	T♄	26°24'01" ♉	20°52'10"	00°00'00"	-00°04'15"	0.002
20/02/2019 00:00:00	T♁	25°12'29" ♈	-15°28'51"	-02°30'40"	-01°52'02"	0.003
20/02/2019 00:00:00	X	23°08'08" ♈	-02°01'18"	-11°50'17"	00°00'24"	96.665
20/02/2019 00:00:00	Y	26°19'09" ♋	07°43'50"	-11°54'28"	00°00'08"	84.950
21/02/2019 00:00:00	☾	02°03'18" ♉	-10°44'29"	00°00'00"	01°00'26"	0.989
21/02/2019 00:00:00	♃	21°03'41" ♏	07°26'33"	04°14'40"	15°05'53"	0.002
21/02/2019 00:00:00	♁	18°20'10" ♈	-04°32'51"	00°04'11"	01°33'20"	1.095
21/02/2019 00:00:00	♀	19°45'02" ♍	-20°38'15"	01°21'32"	01°10'20"	1.014
21/02/2019 00:00:00	♂	04°25'13" ♋	13°31'24"	00°33'52"	00°40'26"	1.699



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21/02/2019 00:00:00	♃	20°51'54" ♄	-22°30'01"	00°37'20"	00°08'05"	5.571
21/02/2019 00:00:00	♅	17°00'49" ♁	-21°55'15"	00°26'08"	00°05'40"	10.732
21/02/2019 00:00:00	♆	29°27'29" ♀	10°48'22"	-00°30'20"	00°02'10"	20.371
21/02/2019 00:00:00	♇	15°37'57" ♀	-06°32'58"	-00°57'38"	00°02'13"	30.898
21/02/2019 00:00:00	♁	22°13'46" ♁	-21°46'55"	-00°10'55"	00°01'38"	34.498
21/02/2019 00:00:00	♄	26°19'09" ♁	20°53'05"	00°00'00"	-00°05'22"	0.002
21/02/2019 00:00:00	♅	00°08'21" ♀	02°55'05"	03°07'13"	00°03'13"	19.625
21/02/2019 00:00:00	♆	22°01'16" ♁	-16°23'32"	-02°21'11"	00°06'39"	0.003
21/02/2019 00:00:00	T♄	26°19'09" ♁	20°53'05"	00°00'00"	-00°05'22"	0.002
21/02/2019 00:00:00	T♅	23°12'44" ♁	-16°00'05"	-02°21'15"	-02°09'40"	0.003
21/02/2019 00:00:00	X	23°08'33" ♀	-02°01'01"	-11°50'09"	00°00'25"	96.678
21/02/2019 00:00:00	Y	26°19'18" ♁	07°44'01"	-11°54'20"	00°00'09"	84.966
22/02/2019 00:00:00	♁	03°03'44" ♀	-10°22'47"	00°00'00"	01°00'25"	0.989
22/02/2019 00:00:00	♂	06°00'39" ♁	02°05'11"	04°52'15"	14°46'39"	0.002
22/02/2019 00:00:00	♆	19°51'32" ♀	-03°45'00"	00°17'18"	01°29'17"	1.069
22/02/2019 00:00:00	♇	20°55'25" ♁	-20°31'45"	01°17'37"	01°10'25"	1.021
22/02/2019 00:00:00	♄	05°05'39" ♁	13°45'40"	00°34'34"	00°40'25"	1.707
22/02/2019 00:00:00	♃	20°59'55" ♄	-22°30'33"	00°37'21"	00°07'57"	5.555
22/02/2019 00:00:00	♅	17°06'28" ♁	-21°54'35"	00°26'06"	00°05'37"	10.720

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22/02/2019 00:00:00	♃	29°29'41" ♀	10°49'10"	-00°30'19"	00°02'13"	20.386
22/02/2019 00:00:00	♃	15°40'11" ♀	-06°32'06"	-00°57'38"	00°02'13"	30.902
22/02/2019 00:00:00	♃	22°15'24" ♀	-21°46'45"	-00°11'01"	00°01'37"	34.488
22/02/2019 00:00:00	♃	26°13'30" ♀	20°54'09"	00°00'00"	-00°05'45"	0.002
22/02/2019 00:00:00	♃	00°11'34" ♀	02°56'14"	03°07'05"	00°03'14"	19.634
22/02/2019 00:00:00	♃	22°07'55" ♀	-16°22'06"	-02°21'58"	00°06'39"	0.003
22/02/2019 00:00:00	T♃	26°13'30" ♀	20°54'09"	00°00'00"	-00°05'45"	0.002
22/02/2019 00:00:00	T♃	20°51'02" ♀	-16°35'43"	-02°10'01"	-02°33'23"	0.003
22/02/2019 00:00:00	X	23°08'59" ♀	-02°00'45"	-11°50'01"	00°00'25"	96.691
22/02/2019 00:00:00	Y	26°19'27" ♀	07°44'12"	-11°54'11"	00°00'10"	84.983
23/02/2019 00:00:00	♃	04°04'09" ♀	-10°00'55"	00°00'00"	01°00'24"	0.989
23/02/2019 00:00:00	♃	20°34'47" ♀	-03°14'56"	05°09'46"	14°20'48"	0.002
23/02/2019 00:00:00	♃	21°18'32" ♀	-02°58'17"	00°30'55"	01°24'36"	1.043
23/02/2019 00:00:00	♃	22°05'53" ♀	-20°24'39"	01°13'42"	01°10'30"	1.028
23/02/2019 00:00:00	♃	05°46'05" ♀	13°59'49"	00°35'16"	00°40'25"	1.716
23/02/2019 00:00:00	♃	21°07'49" ♀	-22°31'04"	00°37'21"	00°07'49"	5.540
23/02/2019 00:00:00	♃	17°12'03" ♀	-21°53'55"	00°26'03"	00°05'33"	10.708
23/02/2019 00:00:00	♃	29°31'55" ♀	10°49'59"	-00°30'17"	00°02'15"	20.400
23/02/2019 00:00:00	♃	15°42'25" ♀	-06°31'14"	-00°57'39"	00°02'14"	30.906

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23/02/2019 00:00:00	♁	22°17'01" ⚊	-21°46'35"	-00°11'07"	00°01'36"	34.477
23/02/2019 00:00:00	♁	26°07'55" ♁	20°55'12"	00°00'00"	-00°05'17"	0.002
23/02/2019 00:00:00	♁	00°14'49" ♁	02°57'25"	03°06'57"	00°03'15"	19.642
23/02/2019 00:00:00	♁	22°14'35" ♁	-16°20'40"	-02°22'46"	00°06'39"	0.003
23/02/2019 00:00:00	♁	26°07'55" ♁	20°55'12"	00°00'00"	-00°05'17"	0.002
23/02/2019 00:00:00	♁	18°09'43" ♁	-17°14'20"	-01°57'00"	-02°45'55"	0.003
23/02/2019 00:00:00	X	23°09'25" ♁	-02°00'28"	-11°49'53"	00°00'26"	96.704
23/02/2019 00:00:00	Y	26°19'38" ⚊	07°44'22"	-11°54'02"	00°00'10"	84.999
24/02/2019 00:00:00	♁	05°04'32" ♁	-09°38'54"	00°00'00"	01°00'22"	0.989
24/02/2019 00:00:00	♁	04°41'09" ♁	-08°14'42"	05°07'43"	13°51'38"	0.003
24/02/2019 00:00:00	♁	22°40'33" ♁	-02°13'03"	00°44'58"	01°19'18"	1.015
24/02/2019 00:00:00	♁	23°16'27" ⚊	-20°16'59"	01°09'46"	01°10'35"	1.035
24/02/2019 00:00:00	♁	06°26'29" ⚊	14°13'52"	00°35'58"	00°40'24"	1.724
24/02/2019 00:00:00	♁	21°15'34" ♁	-22°31'34"	00°37'22"	00°07'41"	5.524
24/02/2019 00:00:00	♁	17°17'36" ⚊	-21°53'15"	00°26'01"	00°05'30"	10.696
24/02/2019 00:00:00	♁	29°34'12" ♁	10°50'49"	-00°30'15"	00°02'18"	20.414
24/02/2019 00:00:00	♁	15°44'39" ♁	-06°30'22"	-00°57'39"	00°02'14"	30.909
24/02/2019 00:00:00	♁	22°18'37" ⚊	-21°46'25"	-00°11'12"	00°01'35"	34.467
24/02/2019 00:00:00	♁	26°03'10" ♁	20°56'06"	00°00'00"	-00°04'05"	0.002

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24/02/2019 00:00:00	♄	00°18'06" ♀	02°58'35"	03°06'49"	00°03'16"	19.650
24/02/2019 00:00:00	♁	22°21'15" ♀	-16°19'13"	-02°23'33"	00°06'39"	0.003
24/02/2019 00:00:00	♁♂	26°03'10" ♀	20°56'06"	00°00'00"	-00°04'05"	0.002
24/02/2019 00:00:00	♁♄	15°27'44" ♀	-17°50'52"	-01°43'40"	-02°33'14"	0.003
24/02/2019 00:00:00	X	23°09'52" ♀	-02°00'11"	-11°49'45"	00°00'26"	96.717
24/02/2019 00:00:00	Y	26°19'49" ♂	07°44'33"	-11°53'54"	00°00'11"	85.015
25/02/2019 00:00:00	♁	06°04'54" ♀	-09°16'45"	00°00'00"	01°00'21"	0.990
25/02/2019 00:00:00	♃	18°18'02" ♀	-12°39'22"	04°48'08"	13°22'19"	0.003
25/02/2019 00:00:00	♁	23°56'57" ♀	-01°29'39"	00°59'21"	01°13'21"	0.988
25/02/2019 00:00:00	♁	24°27'05" ♀	-20°08'45"	01°05'50"	01°10'40"	1.042
25/02/2019 00:00:00	♁	07°06'53" ♂	14°27'47"	00°36'38"	00°40'23"	1.733
25/02/2019 00:00:00	♁	21°23'12" ♀	-22°32'03"	00°37'23"	00°07'33"	5.508
25/02/2019 00:00:00	♁	17°23'04" ♀	-21°52'36"	00°25'58"	00°05'26"	10.683
25/02/2019 00:00:00	♁	29°36'32" ♀	10°51'39"	-00°30'14"	00°02'20"	20.428
25/02/2019 00:00:00	♁	15°46'54" ♀	-06°29'30"	-00°57'39"	00°02'15"	30.913
25/02/2019 00:00:00	♁	22°20'12" ♀	-21°46'15"	-00°11'18"	00°01'34"	34.456
25/02/2019 00:00:00	♁	25°59'52" ♀	20°56'43"	00°00'00"	-00°02'27"	0.002
25/02/2019 00:00:00	♄	00°21'23" ♀	02°59'47"	03°06'41"	00°03'18"	19.658
25/02/2019 00:00:00	♁	22°27'54" ♀	-16°17'47"	-02°24'20"	00°06'39"	0.003

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25/02/2019 00:00:00	T♄	25°59'52"	♈	20°56'43"	00°00'00"	-00°02'27"	0.002
25/02/2019 00:00:00	T♄	13°12'22"	♈	-18°19'35"	-01°32'19"	-01°53'37"	0.003
25/02/2019 00:00:00	X	23°10'19"	♈	-01°59'55"	-11°49'38"	00°00'27"	96.730
25/02/2019 00:00:00	Y	26°20'01"	♈	07°44'44"	-11°53'45"	00°00'12"	85.031
26/02/2019 00:00:00	☉	07°05'15"	♈	-08°54'26"	00°00'00"	01°00'19"	0.990
26/02/2019 00:00:00	☾	01°26'35"	♈	-16°18'07"	04°13'49"	12°55'19"	0.003
26/02/2019 00:00:00	♃	25°07'04"	♈	-00°48'28"	01°13'58"	01°06'46"	0.960
26/02/2019 00:00:00	♀	25°37'48"	♈	-19°59'56"	01°01'55"	01°10'45"	1.049
26/02/2019 00:00:00	♂	07°47'16"	♈	14°41'35"	00°37'19"	00°40'22"	1.741
26/02/2019 00:00:00	♂	21°30'41"	♈	-22°32'31"	00°37'24"	00°07'25"	5.493
26/02/2019 00:00:00	♃	17°28'30"	♈	-21°51'56"	00°25'56"	00°05'23"	10.671
26/02/2019 00:00:00	♃	29°38'53"	♈	10°52'30"	-00°30'12"	00°02'22"	20.442
26/02/2019 00:00:00	♃	15°49'09"	♈	-06°28'37"	-00°57'39"	00°02'15"	30.916
26/02/2019 00:00:00	♃	22°21'45"	♈	-21°46'05"	-00°11'24"	00°01'33"	34.444
26/02/2019 00:00:00	♄	25°58'17"	♈	20°57'00"	00°00'00"	-00°00'44"	0.002
26/02/2019 00:00:00	♃	00°24'42"	♈	03°00'59"	03°06'34"	00°03'19"	19.665
26/02/2019 00:00:00	♃	22°34'34"	♈	-16°16'20"	-02°25'07"	00°06'39"	0.003
26/02/2019 00:00:00	T♄	25°58'17"	♈	20°57'00"	00°00'00"	-00°00'44"	0.002
26/02/2019 00:00:00	T♄	11°46'00"	♈	-18°36'59"	-01°24'58"	-00°57'35"	0.003

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26/02/2019 00:00:00	X	23°10'46" ♀	-01°59'38"	-11°49'30"	00°00'27"	96.742
26/02/2019 00:00:00	Y	26°20'14" ♂	07°44'55"	-11°53'36"	00°00'13"	85.047
27/02/2019 00:00:00	☉	08°05'34" ♀	-08°32'00"	00°00'00"	01°00'18"	0.990
27/02/2019 00:00:00	☾	14°09'59" ♂	-19°03'19"	03°27'53"	12°32'13"	0.003
27/02/2019 00:00:00	♁	26°10'17" ♀	-00°09'52"	01°28'42"	00°59'34"	0.932
27/02/2019 00:00:00	♂	26°48'36" ♂	-19°50'33"	00°58'00"	01°10'50"	1.056
27/02/2019 00:00:00	♂	08°27'38" ♂	14°55'17"	00°37'58"	00°40'21"	1.750
27/02/2019 00:00:00	♃	21°38'02" ♂	-22°32'57"	00°37'25"	00°07'16"	5.477
27/02/2019 00:00:00	♄	17°33'51" ♂	-21°51'17"	00°25'53"	00°05'19"	10.658
27/02/2019 00:00:00	♅	29°41'17" ♀	10°53'23"	-00°30'11"	00°02'24"	20.455
27/02/2019 00:00:00	♆	15°51'25" ♀	-06°27'45"	-00°57'39"	00°02'15"	30.918
27/02/2019 00:00:00	♇	22°23'18" ♂	-21°45'56"	-00°11'30"	00°01'31"	34.433
27/02/2019 00:00:00	♈	25°58'17" ♀	20°57'00"	00°00'00"	00°00'40"	0.002
27/02/2019 00:00:00	♉	00°28'02" ♀	03°02'12"	03°06'26"	00°03'20"	19.672
27/02/2019 00:00:00	♊	22°41'14" ♀	-16°14'52"	-02°25'53"	00°06'39"	0.003
27/02/2019 00:00:00	T♈	25°58'17" ♀	20°57'00"	00°00'00"	00°00'40"	0.002
27/02/2019 00:00:00	T♉	11°17'52" ♀	-18°42'27"	-01°22'30"	00°00'40"	0.003
27/02/2019 00:00:00	X	23°11'14" ♀	-01°59'21"	-11°49'23"	00°00'28"	96.754
27/02/2019 00:00:00	Y	26°20'27" ♂	07°45'07"	-11°53'28"	00°00'13"	85.063

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28/02/2019 00:00:00	☉	09°05'52" ♈	-08°09'26"	00°00'00"	01°00'17"	0.990
28/02/2019 00:00:00	☾	26°32'38" ♏	-20°50'10"	02°33'19"	12°13'52"	0.003
28/02/2019 00:00:00	♁	27°06'01" ♈	00°25'44"	01°43'25"	00°51'48"	0.904
28/02/2019 00:00:00	♂	27°59'29" ♎	-19°40'36"	00°54'05"	01°10'54"	1.063
28/02/2019 00:00:00	♂	09°07'59" ♏	15°08'51"	00°38'37"	00°40'20"	1.758
28/02/2019 00:00:00	♃	21°45'15" ♏	-22°33'24"	00°37'25"	00°07'08"	5.461
28/02/2019 00:00:00	♄	17°39'09" ♎	-21°50'39"	00°25'51"	00°05'16"	10.645
28/02/2019 00:00:00	♅	29°43'43" ♏	10°54'15"	-00°30'09"	00°02'27"	20.469
28/02/2019 00:00:00	♆	15°53'41" ♈	-06°26'52"	-00°57'40"	00°02'16"	30.921
28/02/2019 00:00:00	♇	22°24'49" ♎	-21°45'46"	-00°11'35"	00°01'30"	34.421
28/02/2019 00:00:00	♈	25°59'26" ♎	20°56'48"	00°00'00"	00°01'28"	0.002
28/02/2019 00:00:00	♉	00°31'23" ♏	03°03'25"	03°06'19"	00°03'21"	19.679
28/02/2019 00:00:00	♊	22°47'53" ♎	-16°13'25"	-02°26'40"	00°06'39"	0.003
28/02/2019 00:00:00	T♈	25°59'26" ♎	20°56'48"	00°00'00"	00°01'28"	0.002
28/02/2019 00:00:00	T♉	11°44'30" ♎	-18°37'08"	-01°24'42"	00°50'39"	0.003
28/02/2019 00:00:00	X	23°11'43" ♏	-01°59'04"	-11°49'15"	00°00'28"	96.766
28/02/2019 00:00:00	Y	26°20'42" ♏	07°45'18"	-11°53'19"	00°00'14"	85.078
01/03/2019 00:00:00	☉	10°06'08" ♈	-07°46'45"	00°00'00"	01°00'15"	0.991
01/03/2019 00:00:00	☾	08°39'23" ♎	-21°36'23"	01°32'59"	12°00'27"	0.003

Ephemerides year 2019

01/03/2019 00:00:00	♀	27°53'44" ♈	00°58'03"	01°57'58"	00°43'32"	0.876
01/03/2019 00:00:00	♀	29°10'25" ♎	-19°30'06"	00°50'11"	01°10'58"	1.070
01/03/2019 00:00:00	♂	09°48'19" ♏	15°22'17"	00°39'16"	00°40'19"	1.767
01/03/2019 00:00:00	♃	21°52'19" ♈	-22°33'49"	00°37'26"	00°06'59"	5.445
01/03/2019 00:00:00	♅	17°44'23" ♎	-21°50'00"	00°25'48"	00°05'12"	10.632
01/03/2019 00:00:00	♁	29°46'11" ♏	10°55'09"	-00°30'08"	00°02'29"	20.482
01/03/2019 00:00:00	♃	15°55'57" ♈	-06°26'00"	-00°57'40"	00°02'16"	30.923
01/03/2019 00:00:00	♁	22°26'19" ♎	-21°45'37"	-00°11'41"	00°01'29"	34.409
01/03/2019 00:00:00	♁	26°00'59" ♎	20°56'30"	00°00'00"	00°01'29"	0.002
01/03/2019 00:00:00	♃	00°34'45" ♏	03°04'39"	03°06'12"	00°03'22"	19.686
01/03/2019 00:00:00	♁	22°54'33" ♎	-16°11'57"	-02°27'27"	00°06'39"	0.003
01/03/2019 00:00:00	T♁	26°00'59" ♎	20°56'30"	00°00'00"	00°01'29"	0.002
01/03/2019 00:00:00	T♁	12°54'46" ♎	-18°22'57"	-01°30'35"	01°27'32"	0.003
01/03/2019 00:00:00	X	23°12'12" ♏	-01°58'46"	-11°49'08"	00°00'29"	96.778
01/03/2019 00:00:00	Y	26°20'57" ♏	07°45'30"	-11°53'11"	00°00'15"	85.094
02/03/2019 00:00:00	☉	11°06'23" ♈	-07°23'57"	00°00'00"	01°00'14"	0.991
02/03/2019 00:00:00	☾	20°35'08" ♎	-21°22'19"	00°29'33"	11°51'46"	0.003
02/03/2019 00:00:00	♀	28°32'57" ♈	01°26'41"	02°12'13"	00°34'49"	0.849
02/03/2019 00:00:00	♀	00°21'26" ♎	-19°19'02"	00°46'18"	01°11'02"	1.077



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02/03/2019 00:00:00	♂	10°28'38" ♂	15°35'37"	00°39'54"	00°40'18"	1.775
02/03/2019 00:00:00	♃	21°59'14" ♏	-22°34'13"	00°37'27"	00°06'51"	5.429
02/03/2019 00:00:00	♅	17°49'33" ♎	-21°49'22"	00°25'46"	00°05'08"	10.618
02/03/2019 00:00:00	♁	29°48'41" ♏	10°56'03"	-00°30'06"	00°02'31"	20.495
02/03/2019 00:00:00	♃	15°58'13" ♏	-06°25'07"	-00°57'40"	00°02'16"	30.925
02/03/2019 00:00:00	♁	22°27'48" ♎	-21°45'29"	-00°11'47"	00°01'28"	34.397
02/03/2019 00:00:00	♁	26°02'07" ♎	20°56'17"	00°00'00"	00°00'39"	0.002
02/03/2019 00:00:00	♃	00°38'08" ♏	03°05'53"	03°06'05"	00°03'23"	19.692
02/03/2019 00:00:00	♁	23°01'13" ♎	-16°10'29"	-02°28'13"	00°06'39"	0.003
02/03/2019 00:00:00	♁♁	26°02'07" ♎	20°56'17"	00°00'00"	00°00'39"	0.002
02/03/2019 00:00:00	♁♁	14°35'07" ♎	-18°01'56"	-01°38'59"	01°51'07"	0.003
02/03/2019 00:00:00	X	23°12'42" ♏	-01°58'29"	-11°49'01"	00°00'29"	96.789
02/03/2019 00:00:00	Y	26°21'12" ♂	07°45'41"	-11°53'02"	00°00'16"	85.110
03/03/2019 00:00:00	♁	12°06'36" ♏	-07°01'03"	00°00'00"	01°00'12"	0.991
03/03/2019 00:00:00	♁	02°24'22" ♎	-20°10'47"	-00°34'27"	11°47'20"	0.003
03/03/2019 00:00:00	♁	29°03'16" ♏	01°51'22"	02°25'58"	00°25'46"	0.822
03/03/2019 00:00:00	♀	01°32'31" ♎	-19°07'26"	00°42'25"	01°11'06"	1.084
03/03/2019 00:00:00	♂	11°08'57" ♂	15°48'48"	00°40'31"	00°40'18"	1.784
03/03/2019 00:00:00	♃	22°06'01" ♏	-22°34'36"	00°37'28"	00°06'42"	5.413

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03/03/2019 00:00:00	♃	17°54'40" ♁	-21°48'44"	00°25'43"	00°05'04"	10.605
03/03/2019 00:00:00	♃	29°51'14" ♁	10°56'58"	-00°30'04"	00°02'33"	20.508
03/03/2019 00:00:00	♃	16°00'30" ♃	-06°24'15"	-00°57'41"	00°02'16"	30.926
03/03/2019 00:00:00	♃	22°29'15" ♁	-21°45'20"	-00°11'53"	00°01'26"	34.385
03/03/2019 00:00:00	♃	26°02'02" ♃	20°56'18"	00°00'00"	-00°00'56"	0.002
03/03/2019 00:00:00	♃	00°41'32" ♁	03°07'08"	03°05'58"	00°03'24"	19.698
03/03/2019 00:00:00	♃	23°07'53" ♃	-16°09'01"	-02°29'00"	00°06'39"	0.003
03/03/2019 00:00:00	T♃	26°02'02" ♃	20°56'18"	00°00'00"	-00°00'56"	0.002
03/03/2019 00:00:00	T♃	16°33'38" ♃	-17°36'01"	-01°48'51"	02°04'36"	0.003
03/03/2019 00:00:00	X	23°13'11" ♁	-01°58'12"	-11°48'54"	00°00'30"	96.800
03/03/2019 00:00:00	Y	26°21'29" ♃	07°45'53"	-11°52'54"	00°00'16"	85.126
04/03/2019 00:00:00	♃	13°06'48" ♃	-06°38'02"	00°00'00"	01°00'10"	0.991
04/03/2019 00:00:00	♃	14°11'01" ♃	-18°06'44"	-01°36'37"	11°46'29"	0.003
04/03/2019 00:00:00	♃	29°24'25" ♃	02°11'47"	02°39'03"	00°16'30"	0.797
04/03/2019 00:00:00	♃	02°43'39" ♃	-18°55'16"	00°38'34"	01°11'10"	1.091
04/03/2019 00:00:00	♃	11°49'14" ♃	16°01'52"	00°41'08"	00°40'17"	1.792
04/03/2019 00:00:00	♃	22°12'39" ♃	-22°34'59"	00°37'29"	00°06'33"	5.397
04/03/2019 00:00:00	♃	17°59'42" ♁	-21°48'07"	00°25'41"	00°05'00"	10.591
04/03/2019 00:00:00	♃	29°53'48" ♁	10°57'54"	-00°30'03"	00°02'35"	20.521

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04/03/2019 00:00:00	♁	16°02'47" ♀	-06°23'22"	-00°57'41"	00°02'16"	30.928
04/03/2019 00:00:00	♁	22°30'41" ♀	-21°45'12"	-00°11'58"	00°01'25"	34.373
04/03/2019 00:00:00	♁	26°00'04" ♀	20°56'40"	00°00'00"	-00°03'03"	0.002
04/03/2019 00:00:00	♁	00°44'57" ♀	03°08'23"	03°05'51"	00°03'25"	19.704
04/03/2019 00:00:00	♁	23°14'32" ♀	-16°07'32"	-02°29'46"	00°06'39"	0.003
04/03/2019 00:00:00	♁	26°00'04" ♀	20°56'40"	00°00'00"	-00°03'03"	0.002
04/03/2019 00:00:00	♁	18°42'55" ♀	-17°06'25"	-01°59'32"	02°13'53"	0.003
04/03/2019 00:00:00	X	23°13'42" ♀	-01°57'55"	-11°48'47"	00°00'30"	96.811
04/03/2019 00:00:00	Y	26°21'46" ♀	07°46'05"	-11°52'45"	00°00'17"	85.141
05/03/2019 00:00:00	♁	14°06'58" ♀	-06°14'56"	-00°00'00"	01°00'09"	0.992
05/03/2019 00:00:00	♁	25°58'19" ♀	-15°16'54"	-02°34'31"	11°48'33"	0.003
05/03/2019 00:00:00	♁	29°36'14" ♀	02°27'42"	02°51'18"	00°07'07"	0.772
05/03/2019 00:00:00	♁	03°54'51" ♀	-18°42'35"	00°34'43"	01°11'13"	1.098
05/03/2019 00:00:00	♁	12°29'31" ♀	16°14'49"	00°41'44"	00°40'16"	1.801
05/03/2019 00:00:00	♁	22°19'07" ♀	-22°35'20"	00°37'30"	00°06'24"	5.381
05/03/2019 00:00:00	♁	18°04'40" ♀	-21°47'30"	00°25'38"	00°04'56"	10.578
05/03/2019 00:00:00	♁	29°56'25" ♀	10°58'50"	-00°30'01"	00°02'37"	20.533
05/03/2019 00:00:00	♁	16°05'03" ♀	-06°22'29"	-00°57'41"	00°02'16"	30.929
05/03/2019 00:00:00	♁	22°32'06" ♀	-21°45'04"	-00°12'04"	00°01'24"	34.360

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05/03/2019 00:00:00	♏	25°55'50"	♃	20°57'28"	00°00'00"	-00°05'24"	0.002
05/03/2019 00:00:00	♋	00°48'23"	♄	03°09'39"	03°05'45"	00°03'26"	19.710
05/03/2019 00:00:00	♌	23°21'12"	♁	-16°06'03"	-02°30'33"	00°06'39"	0.003
05/03/2019 00:00:00	T♏	25°55'50"	♃	20°57'28"	00°00'00"	-00°05'24"	0.002
05/03/2019 00:00:00	T♌	21°02'32"	♁	-16°32'58"	-02°11'01"	02°26'28"	0.003
05/03/2019 00:00:00	X	23°14'12"	♄	-01°57'37"	-11°48'40"	00°00'30"	96.822
05/03/2019 00:00:00	Y	26°22'04"	♄	07°46'17"	-11°52'37"	00°00'18"	85.157
06/03/2019 00:00:00	♁	15°07'06"	♃	-05°51'45"	-00°00'00"	01°00'07"	0.992
06/03/2019 00:00:00	♃	07°48'52"	♃	-11°49'09"	-03°25'52"	11°52'52"	0.003
06/03/2019 00:00:00	♌	29°38'42"	♃	02°38'57"	03°02'30"	-00°02'11"	0.749
06/03/2019 00:00:00	♌	05°06'06"	♁	-18°29'21"	00°30'54"	01°11'16"	1.104
06/03/2019 00:00:00	♄	13°09'47"	♄	16°27'37"	00°42'20"	00°40'15"	1.809
06/03/2019 00:00:00	♃	22°25'27"	♄	-22°35'41"	00°37'31"	00°06'14"	5.365
06/03/2019 00:00:00	♃	18°09'35"	♄	-21°46'53"	00°25'36"	00°04'52"	10.564
06/03/2019 00:00:00	♃	29°59'03"	♄	10°59'47"	-00°30'00"	00°02'39"	20.545
06/03/2019 00:00:00	♌	16°07'20"	♃	-06°21'37"	-00°57'42"	00°02'16"	30.929
06/03/2019 00:00:00	♃	22°33'29"	♄	-21°44'56"	-00°12'10"	00°01'22"	34.347
06/03/2019 00:00:00	♏	25°49'17"	♃	20°58'41"	00°00'00"	-00°07'37"	0.002
06/03/2019 00:00:00	♋	00°51'49"	♄	03°10'55"	03°05'38"	00°03'26"	19.715

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06/03/2019 00:00:00	☾	23°27'52" ♊	-16°04'34"	-02°31'19"	00°06'39"	0.003
06/03/2019 00:00:00	♁	25°49'17" ♋	20°58'41"	00°00'00"	-00°07'37"	0.002
06/03/2019 00:00:00	♁	23°39'03" ♊	-15°53'42"	-02°23'44"	02°48'22"	0.003
06/03/2019 00:00:00	X	23°14'44" ♋	-01°57'20"	-11°48'33"	00°00'31"	96.833
06/03/2019 00:00:00	Y	26°22'22" ♋	07°46'29"	-11°52'29"	00°00'18"	85.172
07/03/2019 00:00:00	☉	16°07'12" ♋	-05°28'29"	-00°00'00"	01°00'05"	0.992
07/03/2019 00:00:00	☾	19°44'38" ♋	-07°52'02"	-04°08'27"	11°58'54"	0.003
07/03/2019 00:00:00	♀	29°31'55" ♋	02°45'25"	03°12'28"	-00°11'19"	0.727
07/03/2019 00:00:00	♀	06°17'25" ♊	-18°15'35"	00°27'07"	01°11'20"	1.111
07/03/2019 00:00:00	♂	13°50'01" ♋	16°40'17"	00°42'55"	00°40'14"	1.817
07/03/2019 00:00:00	♃	22°31'37" ♋	-22°36'01"	00°37'32"	00°06'05"	5.349
07/03/2019 00:00:00	♃	18°14'24" ♋	-21°46'16"	00°25'34"	00°04'47"	10.550
07/03/2019 00:00:00	♃	00°01'43" ♋	11°00'45"	-00°29'59"	00°02'41"	20.557
07/03/2019 00:00:00	♃	16°09'37" ♋	-06°20'44"	-00°57'43"	00°02'16"	30.930
07/03/2019 00:00:00	♃	22°34'51" ♋	-21°44'48"	-00°12'16"	00°01'21"	34.334
07/03/2019 00:00:00	♁	25°40'44" ♋	21°00'16"	00°00'00"	-00°09'21"	0.002
07/03/2019 00:00:00	♃	00°55'17" ♋	03°12'12"	03°05'32"	00°03'27"	19.720
07/03/2019 00:00:00	☾	23°34'32" ♊	-16°03'05"	-02°32'05"	00°06'39"	0.003
07/03/2019 00:00:00	♁	25°40'44" ♋	21°00'16"	00°00'00"	-00°09'21"	0.002

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07/03/2019 00:00:00	T♄	26°42'32" ♁	-15°05'20"	-02°38'20"	03°19'43"	0.003
07/03/2019 00:00:00	X	23°15'15" ♀	-01°57'02"	-11°48'27"	00°00'31"	96.843
07/03/2019 00:00:00	Y	26°22'41" ♂	07°46'42"	-11°52'20"	00°00'19"	85.187
08/03/2019 00:00:00	☉	17°07'17" ♀	-05°05'08"	-00°00'00"	01°00'03"	0.992
08/03/2019 00:00:00	☾	01°47'07" ♀	-03°34'35"	-04°40'18"	12°06'16"	0.003
08/03/2019 00:00:00	♀	29°16'11" ♀	02°47'00"	03°21'01"	-00°20'03"	0.707
08/03/2019 00:00:00	♀	07°28'47" ♁	-18°01'18"	00°23'21"	01°11'23"	1.118
08/03/2019 00:00:00	♂	14°30'15" ♂	16°52'50"	00°43'30"	00°40'13"	1.826
08/03/2019 00:00:00	♃	22°37'38" ♂	-22°36'20"	00°37'33"	00°05'56"	5.333
08/03/2019 00:00:00	♄	18°19'10" ♂	-21°45'40"	00°25'31"	00°04'43"	10.535
08/03/2019 00:00:00	♅	00°04'26" ♂	11°01'43"	-00°29'57"	00°02'43"	20.569
08/03/2019 00:00:00	♆	16°11'53" ♀	-06°19'52"	-00°57'43"	00°02'16"	30.930
08/03/2019 00:00:00	♁	22°36'12" ♂	-21°44'40"	-00°12'22"	00°01'19"	34.321
08/03/2019 00:00:00	♁	25°30'50" ♀	21°02'05"	00°00'00"	-00°10'18"	0.002
08/03/2019 00:00:00	♂	00°58'44" ♀	03°13'29"	03°05'26"	00°03'28"	19.725
08/03/2019 00:00:00	♄	23°41'11" ♁	-16°01'36"	-02°32'52"	00°06'39"	0.003
08/03/2019 00:00:00	T♁	25°30'50" ♀	21°02'05"	00°00'00"	-00°10'18"	0.002
08/03/2019 00:00:00	T♄	00°19'12" ♀	-14°05'07"	-02°55'00"	03°52'59"	0.003
08/03/2019 00:00:00	X	23°15'47" ♀	-01°56'45"	-11°48'20"	00°00'32"	96.853

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08/03/2019 00:00:00	Y	26°23'01" ♃	07°46'54"	-11°52'12"	00°00'20"	85.203
09/03/2019 00:00:00	☉	18°07'19" ♉	-04°41'44"	-00°00'00"	01°00'01"	0.993
09/03/2019 00:00:00	☾	13°57'35" ♈	00°53'52"	-04°59'47"	12°14'51"	0.003
09/03/2019 00:00:00	♀	28°51'58" ♉	02°43'47"	03°28'00"	-00°28'15"	0.689
09/03/2019 00:00:00	♀	08°40'11" ♍	-17°46'31"	00°19'36"	01°11'26"	1.125
09/03/2019 00:00:00	♂	15°10'27" ♃	17°05'14"	00°44'05"	00°40'12"	1.834
09/03/2019 00:00:00	♃	22°43'30" ♉	-22°36'39"	00°37'34"	00°05'46"	5.317
09/03/2019 00:00:00	♄	18°23'52" ♉	-21°45'05"	00°25'29"	00°04'39"	10.521
09/03/2019 00:00:00	♅	00°07'10" ♃	11°02'42"	-00°29'56"	00°02'45"	20.581
09/03/2019 00:00:00	♆	16°14'10" ♉	-06°18'59"	-00°57'43"	00°02'16"	30.930
09/03/2019 00:00:00	♇	22°37'31" ♉	-21°44'33"	-00°12'27"	00°01'18"	34.308
09/03/2019 00:00:00	♈	25°20'26" ♉	21°03'59"	00°00'00"	-00°10'18"	0.002
09/03/2019 00:00:00	♉	01°02'13" ♈	03°14'47"	03°05'20"	00°03'28"	19.729
09/03/2019 00:00:00	♊	23°47'51" ♍	-16°00'06"	-02°33'38"	00°06'39"	0.003
09/03/2019 00:00:00	T♈	25°20'26" ♉	21°03'59"	00°00'00"	-00°10'18"	0.002
09/03/2019 00:00:00	T♉	04°25'10" ♉	-12°52'58"	-03°13'03"	04°16'18"	0.003
09/03/2019 00:00:00	X	23°16'19" ♈	-01°56'27"	-11°48'13"	00°00'32"	96.863
09/03/2019 00:00:00	Y	26°23'22" ♃	07°47'07"	-11°52'04"	00°00'20"	85.218
10/03/2019 00:00:00	☉	19°07'20" ♉	-04°18'16"	-00°00'00"	00°59'59"	0.993

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10/03/2019 00:00:00	♃	26°17'14" ♀	05°23'33"	-05°05'38"	12°24'42"	0.003
10/03/2019 00:00:00	♆	28°19'55" ♀	02°35'51"	03°33'14"	-00°35'42"	0.672
10/03/2019 00:00:00	♁	09°51'39" ♀	-17°31'13"	00°15'54"	01°11'29"	1.132
10/03/2019 00:00:00	♂	15°50'39" ♀	17°17'30"	00°44'38"	00°40'10"	1.842
10/03/2019 00:00:00	♂	22°49'12" ♀	-22°36'56"	00°37'35"	00°05'37"	5.300
10/03/2019 00:00:00	♃	18°28'29" ♀	-21°44'30"	00°25'27"	00°04'34"	10.506
10/03/2019 00:00:00	♃	00°09'56" ♀	11°03'41"	-00°29'54"	00°02'46"	20.592
10/03/2019 00:00:00	♃	16°16'26" ♀	-06°18'06"	-00°57'44"	00°02'16"	30.929
10/03/2019 00:00:00	♃	22°38'48" ♀	-21°44'26"	-00°12'33"	00°01'16"	34.294
10/03/2019 00:00:00	♁	25°10'33" ♀	21°05'47"	00°00'00"	-00°09'18"	0.002
10/03/2019 00:00:00	♂	01°05'42" ♀	03°16'05"	03°05'14"	00°03'29"	19.733
10/03/2019 00:00:00	♁	23°54'31" ♀	-15°58'36"	-02°34'24"	00°06'39"	0.003
10/03/2019 00:00:00	♁	25°10'33" ♀	21°05'47"	00°00'00"	-00°09'18"	0.002
10/03/2019 00:00:00	♁	08°45'03" ♀	-11°32'45"	-03°31'00"	04°19'33"	0.003
10/03/2019 00:00:00	X	23°16'52" ♀	-01°56'09"	-11°48'07"	00°00'32"	96.873
10/03/2019 00:00:00	Y	26°23'43" ♀	07°47'19"	-11°51'56"	00°00'21"	85.233
11/03/2019 00:00:00	♁	20°07'18" ♀	-03°54'44"	-00°00'00"	00°59'57"	0.993
11/03/2019 00:00:00	♃	08°47'31" ♀	09°43'58"	-04°57'03"	12°36'07"	0.003
11/03/2019 00:00:00	♆	27°40'50" ♀	02°23'25"	03°36'36"	-00°42'16"	0.658



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11/03/2019 00:00:00	♀	11°03'10" ♁	-17°15'25"	00°12'13"	01°11'31"	1.138
11/03/2019 00:00:00	♂	16°30'49" ♂	17°29'37"	00°45'12"	00°40'09"	1.851
11/03/2019 00:00:00	♃	22°54'44" ♂	-22°37'13"	00°37'36"	00°05'27"	5.284
11/03/2019 00:00:00	♅	18°33'01" ♂	-21°43'55"	00°25'24"	00°04'30"	10.492
11/03/2019 00:00:00	♁	00°12'44" ♂	11°04'42"	-00°29'53"	00°02'48"	20.604
11/03/2019 00:00:00	♆	16°18'43" ♃	-06°17'14"	-00°57'45"	00°02'16"	30.928
11/03/2019 00:00:00	♁	22°40'05" ♂	-21°44'19"	-00°12'39"	00°01'15"	34.281
11/03/2019 00:00:00	♄	25°02'07" ♃	21°07'19"	00°00'00"	-00°07'27"	0.002
11/03/2019 00:00:00	♅	01°09'12" ♃	03°17'23"	03°05'09"	00°03'30"	19.737
11/03/2019 00:00:00	♁	24°01'10" ♁	-15°57'05"	-02°35'10"	00°06'39"	0.003
11/03/2019 00:00:00	T♄	25°02'07" ♃	21°07'19"	00°00'00"	-00°07'27"	0.002
11/03/2019 00:00:00	T♁	12°55'52" ♃	-10°11'55"	-03°47'08"	03°57'43"	0.003
11/03/2019 00:00:00	X	23°17'25" ♃	-01°55'52"	-11°48'01"	00°00'33"	96.882
11/03/2019 00:00:00	Y	26°24'05" ♂	07°47'32"	-11°51'48"	00°00'22"	85.248
12/03/2019 00:00:00	♃	21°07'14" ♃	-03°31'10"	-00°00'00"	00°59'55"	0.993
12/03/2019 00:00:00	♄	21°30'09" ♂	13°43'34"	-04°33'48"	12°49'30"	0.003
12/03/2019 00:00:00	♆	26°55'42" ♃	02°06'48"	03°38'00"	-00°47'47"	0.645
12/03/2019 00:00:00	♀	12°14'43" ♁	-16°59'07"	00°08'35"	01°11'34"	1.145
12/03/2019 00:00:00	♂	17°10'58" ♂	17°41'36"	00°45'45"	00°40'08"	1.859

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12/03/2019 00:00:00	♃	23°00'07" ♄	-22°37'29"	00°37'37"	00°05'18"	5.268
12/03/2019 00:00:00	♅	18°37'30" ♁	-21°43'20"	00°25'22"	00°04'26"	10.477
12/03/2019 00:00:00	♆	00°15'33" ♁	11°05'42"	-00°29'52"	00°02'50"	20.615
12/03/2019 00:00:00	♇	16°20'59" ♃	-06°16'21"	-00°57'45"	00°02'16"	30.927
12/03/2019 00:00:00	♁	22°41'19" ♁	-21°44'13"	-00°12'45"	00°01'14"	34.267
12/03/2019 00:00:00	♄	24°55'48" ♃	21°08'27"	00°00'00"	-00°05'06"	0.002
12/03/2019 00:00:00	♅	01°12'42" ♃	03°18'42"	03°05'03"	00°03'30"	19.741
12/03/2019 00:00:00	♆	24°07'50" ♃	-15°55'35"	-02°35'55"	00°06'39"	0.003
12/03/2019 00:00:00	T♄	24°55'48" ♃	21°08'27"	00°00'00"	-00°05'06"	0.002
12/03/2019 00:00:00	T♅	16°32'03" ♃	-08°59'54"	-04°00'03"	03°10'38"	0.003
12/03/2019 00:00:00	X	23°17'58" ♃	-01°55'34"	-11°47'55"	00°00'33"	96.891
12/03/2019 00:00:00	Y	26°24'27" ♁	07°47'44"	-11°51'40"	00°00'22"	85.262
13/03/2019 00:00:00	♁	22°07'08" ♃	-03°07'34"	-00°00'00"	00°59'53"	0.994
13/03/2019 00:00:00	♂	04°27'18" ♃	17°09'27"	-03°56'13"	13°05'11"	0.003
13/03/2019 00:00:00	♀	26°05'38" ♃	01°46'23"	03°37'23"	-00°52'09"	0.634
13/03/2019 00:00:00	♁	13°26'19" ♃	-16°42'21"	00°04'59"	01°11'37"	1.152
13/03/2019 00:00:00	♂	17°51'07" ♁	17°53'27"	00°46'17"	00°40'07"	1.867
13/03/2019 00:00:00	♃	23°05'21" ♄	-22°37'44"	00°37'38"	00°05'08"	5.252
13/03/2019 00:00:00	♅	18°41'53" ♁	-21°42'46"	00°25'20"	00°04'21"	10.462

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13/03/2019 00:00:00	♃	00°18'24" ♉	11°06'43"	-00°29'50"	00°02'52"	20.625
13/03/2019 00:00:00	♃	16°23'16" ♉	-06°15'29"	-00°57'46"	00°02'16"	30.926
13/03/2019 00:00:00	♃	22°42'33" ♉	-21°44'06"	-00°12'51"	00°01'12"	34.253
13/03/2019 00:00:00	♃	24°51'56" ♉	21°09'09"	00°00'00"	-00°02'40"	0.002
13/03/2019 00:00:00	♃	01°16'13" ♉	03°20'01"	03°04'58"	00°03'31"	19.744
13/03/2019 00:00:00	♃	24°14'30" ♉	-15°54'04"	-02°36'41"	00°06'39"	0.003
13/03/2019 00:00:00	♃	24°51'56" ♉	21°09'09"	00°00'00"	-00°02'40"	0.002
13/03/2019 00:00:00	♃	19°09'54" ♉	-08°06'07"	-04°08'53"	02°01'57"	0.003
13/03/2019 00:00:00	X	23°18'32" ♉	-01°55'17"	-11°47'49"	00°00'33"	96.900
13/03/2019 00:00:00	Y	26°24'51" ♉	07°47'57"	-11°51'32"	00°00'23"	85.277
14/03/2019 00:00:00	♃	23°07'00" ♉	-02°43'55"	-00°00'00"	00°59'50"	0.994
14/03/2019 00:00:00	♃	17°41'21" ♉	19°47'24"	-03°05'18"	13°23'21"	0.003
14/03/2019 00:00:00	♃	25°11'50" ♉	01°22'39"	03°34'44"	-00°55'14"	0.625
14/03/2019 00:00:00	♃	14°37'57" ♉	-16°25'06"	00°01'25"	01°11'39"	1.158
14/03/2019 00:00:00	♃	18°31'14" ♉	18°05'08"	00°46'49"	00°40'06"	1.875
14/03/2019 00:00:00	♃	23°10'24" ♉	-22°37'59"	00°37'39"	00°04'58"	5.235
14/03/2019 00:00:00	♃	18°46'13" ♉	-21°42'13"	00°25'17"	00°04'17"	10.447
14/03/2019 00:00:00	♃	00°21'17" ♉	11°07'45"	-00°29'49"	00°02'53"	20.636
14/03/2019 00:00:00	♃	16°25'32" ♉	-06°14'37"	-00°57'47"	00°02'16"	30.924

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14/03/2019 00:00:00	♁	22°43'45" ♀	-21°44'00"	-00°12'56"	00°01'11"	34.239
14/03/2019 00:00:00	♁	24°50'20" ♀	21°09'26"	00°00'00"	-00°00'38"	0.002
14/03/2019 00:00:00	♁	01°19'44" ♀	03°21'20"	03°04'53"	00°03'31"	19.747
14/03/2019 00:00:00	♁	24°21'10" ♀	-15°52'33"	-02°37'27"	00°06'39"	0.003
14/03/2019 00:00:00	♁	24°50'20" ♀	21°09'26"	00°00'00"	-00°00'38"	0.002
14/03/2019 00:00:00	♁	20°31'24" ♀	-07°37'59"	-04°13'14"	00°39'45"	0.003
14/03/2019 00:00:00	X	23°19'06" ♀	-01°54'59"	-11°47'43"	00°00'34"	96.909
14/03/2019 00:00:00	Y	26°25'15" ♀	07°48'10"	-11°51'24"	00°00'24"	85.292
15/03/2019 00:00:00	♁	24°06'50" ♀	-02°20'14"	00°00'00"	00°59'48"	0.994
15/03/2019 00:00:00	♁	01°14'45" ♀	21°22'55"	-02°02'53"	13°43'45"	0.003
15/03/2019 00:00:00	♁	24°15'34" ♀	00°56'10"	03°30'07"	-00°57'03"	0.619
15/03/2019 00:00:00	♁	15°49'38" ♀	-16°07'23"	-00°02'06"	01°11'42"	1.165
15/03/2019 00:00:00	♁	19°11'19" ♀	18°16'41"	00°47'21"	00°40'05"	1.884
15/03/2019 00:00:00	♁	23°15'18" ♀	-22°38'12"	00°37'40"	00°04'48"	5.219
15/03/2019 00:00:00	♁	18°50'28" ♀	-21°41'40"	00°25'15"	00°04'12"	10.432
15/03/2019 00:00:00	♁	00°24'12" ♀	11°08'47"	-00°29'48"	00°02'55"	20.646
15/03/2019 00:00:00	♁	16°27'48" ♀	-06°13'44"	-00°57'47"	00°02'15"	30.922
15/03/2019 00:00:00	♁	22°44'55" ♀	-21°43'54"	-00°13'02"	00°01'09"	34.224
15/03/2019 00:00:00	♁	24°50'23" ♀	21°09'25"	00°00'00"	00°00'33"	0.002

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15/03/2019 00:00:00	♄	01°23'16" ♀	03°22'40"	03°04'48"	00°03'31"	19.750
15/03/2019 00:00:00	♁	24°27'50" ♀	-15°51'02"	-02°38'13"	00°06'39"	0.003
15/03/2019 00:00:00	♁	24°50'23" ♀	21°09'25"	00°00'00"	00°00'33"	0.002
15/03/2019 00:00:00	♁	20°29'31" ♀	-07°38'38"	-04°13'07"	-00°41'55"	0.003
15/03/2019 00:00:00	X	23°19'40" ♀	-01°54'41"	-11°47'37"	00°00'34"	96.917
15/03/2019 00:00:00	Y	26°25'40" ♀	07°48'23"	-11°51'16"	00°00'25"	85.306
16/03/2019 00:00:00	♁	25°06'38" ♀	-01°56'33"	00°00'00"	00°59'46"	0.995
16/03/2019 00:00:00	♁	15°09'22" ♀	21°43'07"	-00°51'41"	14°05'34"	0.002
16/03/2019 00:00:00	♁	23°18'09" ♀	00°27'31"	03°23'36"	-00°57'34"	0.614
16/03/2019 00:00:00	♁	17°01'22" ♀	-15°49'13"	-00°05'35"	01°11'44"	1.171
16/03/2019 00:00:00	♁	19°51'24" ♀	18°28'05"	00°47'52"	00°40'03"	1.892
16/03/2019 00:00:00	♁	23°20'02" ♀	-22°38'26"	00°37'41"	00°04'38"	5.203
16/03/2019 00:00:00	♁	18°54'38" ♀	-21°41'08"	00°25'13"	00°04'07"	10.417
16/03/2019 00:00:00	♁	00°27'08" ♀	11°09'50"	-00°29'46"	00°02'57"	20.656
16/03/2019 00:00:00	♁	16°30'04" ♀	-06°12'52"	-00°57'48"	00°02'15"	30.920
16/03/2019 00:00:00	♁	22°46'04" ♀	-21°43'49"	-00°13'08"	00°01'08"	34.210
16/03/2019 00:00:00	♁	24°51'05" ♀	21°09'18"	00°00'00"	00°00'38"	0.002
16/03/2019 00:00:00	♁	01°26'48" ♀	03°24'00"	03°04'43"	00°03'32"	19.753
16/03/2019 00:00:00	♁	24°34'30" ♀	-15°49'30"	-02°38'58"	00°06'39"	0.003

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16/03/2019 00:00:00	T♄	24°51'05" ♉	21°09'18"	00°00'00"	00°00'38"	0.002
16/03/2019 00:00:00	T♄	19°13'54" ♉	-08°04'42"	-04°09'03"	-01°44'38"	0.003
16/03/2019 00:00:00	X	23°20'15" ♀	-01°54'23"	-11°47'31"	00°00'34"	96.926
16/03/2019 00:00:00	Y	26°26'05" ♋	07°48'36"	-11°51'09"	00°00'25"	85.320
17/03/2019 00:00:00	☉	26°06'23" ♉	-01°32'50"	00°00'00"	00°59'44"	0.995
17/03/2019 00:00:00	☾	29°25'52" ♉	20°39'56"	00°24'27"	14°27'12"	0.002
17/03/2019 00:00:00	☿	22°20'50" ♉	-00°02'39"	03°15'19"	-00°56'50"	0.610
17/03/2019 00:00:00	♀	18°13'08" ♋	-15°30'36"	-00°09'02"	01°11'47"	1.178
17/03/2019 00:00:00	♂	20°31'27" ♋	18°39'20"	00°48'22"	00°40'02"	1.900
17/03/2019 00:00:00	♃	23°24'35" ♉	-22°38'38"	00°37'43"	00°04'28"	5.187
17/03/2019 00:00:00	♅	18°58'43" ♋	-21°40'36"	00°25'11"	00°04'03"	10.401
17/03/2019 00:00:00	♁	00°30'06" ♋	11°10'54"	-00°29'45"	00°02'58"	20.666
17/03/2019 00:00:00	♆	16°32'19" ♉	-06°12'00"	-00°57'49"	00°02'15"	30.918
17/03/2019 00:00:00	♁	22°47'11" ♋	-21°43'43"	-00°13'14"	00°01'06"	34.196
17/03/2019 00:00:00	♁	24°51'15" ♉	21°09'16"	00°00'00"	-00°00'28"	0.002
17/03/2019 00:00:00	♂	01°30'20" ♀	03°25'20"	03°04'39"	00°03'32"	19.755
17/03/2019 00:00:00	♁	24°41'10" ♋	-15°47'58"	-02°39'44"	00°06'39"	0.003
17/03/2019 00:00:00	T♄	24°51'15" ♉	21°09'16"	00°00'00"	-00°00'28"	0.002
17/03/2019 00:00:00	T♄	17°11'27" ♉	-08°46'29"	-04°02'13"	-02°14'18"	0.003

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17/03/2019 00:00:00	X	23°20'50" ♃	-01°54'06"	-11°47'26"	00°00'35"	96.933
17/03/2019 00:00:00	Y	26°26'31" ♄	07°48'49"	-11°51'01"	00°00'26"	85.334
18/03/2019 00:00:00	☉	27°06'06" ♈	-01°09'07"	00°00'00"	00°59'41"	0.995
18/03/2019 00:00:00	☾	14°02'56" ♁	18°12'57"	01°40'39"	14°46'17"	0.002
18/03/2019 00:00:00	♀	21°24'51" ♋	-00°33'46"	03°05'26"	-00°54'57"	0.609
18/03/2019 00:00:00	♀	19°24'56" ♁	-15°11'32"	-00°12'26"	01°11'49"	1.185
18/03/2019 00:00:00	♂	21°11'28" ♄	18°50'26"	00°48'52"	00°40'00"	1.908
18/03/2019 00:00:00	♃	23°28'59" ♈	-22°38'50"	00°37'44"	00°04'18"	5.171
18/03/2019 00:00:00	♅	19°02'44" ♁	-21°40'05"	00°25'08"	00°03'58"	10.386
18/03/2019 00:00:00	♁	00°33'06" ♄	11°11'57"	-00°29'44"	00°03'00"	20.676
18/03/2019 00:00:00	♃	16°34'34" ♈	-06°11'09"	-00°57'50"	00°02'14"	30.915
18/03/2019 00:00:00	♁	22°48'17" ♁	-21°43'38"	-00°13'20"	00°01'04"	34.181
18/03/2019 00:00:00	♁	24°49'49" ♁	21°09'32"	00°00'00"	-00°02'33"	0.002
18/03/2019 00:00:00	♃	01°33'53" ♃	03°26'40"	03°04'34"	00°03'32"	19.757
18/03/2019 00:00:00	♁	24°47'50" ♁	-15°46'26"	-02°40'29"	00°06'39"	0.003
18/03/2019 00:00:00	T♁	24°49'49" ♁	21°09'32"	00°00'00"	-00°02'33"	0.002
18/03/2019 00:00:00	T♃	14°56'01" ♋	-09°32'02"	-03°54'19"	-02°12'19"	0.003
18/03/2019 00:00:00	X	23°21'26" ♃	-01°53'48"	-11°47'20"	00°00'35"	96.941
18/03/2019 00:00:00	Y	26°26'58" ♄	07°49'02"	-11°50'53"	00°00'26"	85.348

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19/03/2019 00:00:00	♈	28°05'47"	♈	-00°45'24"	00°00'00"	00°59'39"	0.995
19/03/2019 00:00:00	♉	28°56'39"	♉	14°30'52"	02°51'19"	15°00'01"	0.002
19/03/2019 00:00:00	♊	20°31'16"	♊	-01°05'10"	02°54'08"	-00°52'02"	0.610
19/03/2019 00:00:00	♋	20°36'46"	♋	-14°52'03"	-00°15'47"	01°11'51"	1.191
19/03/2019 00:00:00	♌	21°51'28"	♌	19°01'22"	00°49'22"	00°39'59"	1.916
19/03/2019 00:00:00	♍	23°33'12"	♍	-22°39'01"	00°37'45"	00°04'08"	5.154
19/03/2019 00:00:00	♎	19°06'40"	♎	-21°39'34"	00°25'06"	00°03'53"	10.370
19/03/2019 00:00:00	♏	00°36'06"	♏	11°13'02"	-00°29'43"	00°03'01"	20.685
19/03/2019 00:00:00	♐	16°36'49"	♐	-06°10'17"	-00°57'51"	00°02'14"	30.912
19/03/2019 00:00:00	♑	22°49'21"	♑	-21°43'33"	-00°13'26"	00°01'03"	34.166
19/03/2019 00:00:00	♒	24°45'58"	♒	21°10'13"	00°00'00"	-00°05'09"	0.002
19/03/2019 00:00:00	♓	01°37'26"	♓	03°28'01"	03°04'30"	00°03'32"	19.759
19/03/2019 00:00:00	♈	24°54'30"	♈	-15°44'54"	-02°41'14"	00°06'39"	0.003
19/03/2019 00:00:00	T♒	24°45'58"	♒	21°10'13"	00°00'00"	-00°05'09"	0.002
19/03/2019 00:00:00	T♑	12°51'48"	♑	-10°13'12"	-03°46'50"	-01°55'24"	0.003
19/03/2019 00:00:00	X	23°22'01"	♓	-01°53'30"	-11°47'15"	00°00'35"	96.949
19/03/2019 00:00:00	Y	26°27'25"	♏	07°49'16"	-11°50'46"	00°00'27"	85.362
20/03/2019 00:00:00	♈	29°05'25"	♈	-00°21'41"	00°00'00"	00°59'37"	0.996
20/03/2019 00:00:00	♉	14°00'18"	♉	09°50'20"	03°50'43"	15°05'44"	0.002



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20/03/2019 00:00:00	♀	19°41'03" ♈	-01°36'20"	02°41'38"	-00°48'14"	0.611
20/03/2019 00:00:00	♀	21°48'39" ♍	-14°32'09"	-00°19'05"	01°11'53"	1.198
20/03/2019 00:00:00	♂	22°31'27" ♉	19°12'09"	00°49'51"	00°39'57"	1.924
20/03/2019 00:00:00	♃	23°37'15" ♈	-22°39'12"	00°37'46"	00°03'57"	5.138
20/03/2019 00:00:00	♅	19°10'31" ♉	-21°39'04"	00°25'04"	00°03'48"	10.355
20/03/2019 00:00:00	♁	00°39'08" ♉	11°14'06"	-00°29'42"	00°03'02"	20.694
20/03/2019 00:00:00	♃	16°39'03" ♈	-06°09'26"	-00°57'52"	00°02'14"	30.909
20/03/2019 00:00:00	♁	22°50'24" ♉	-21°43'29"	-00°13'32"	00°01'01"	34.151
20/03/2019 00:00:00	♁	24°39'30" ♉	21°11'22"	00°00'00"	-00°07'43"	0.002
20/03/2019 00:00:00	♃	01°40'58" ♈	03°29'22"	03°04'26"	00°03'32"	19.760
20/03/2019 00:00:00	♀	25°01'10" ♍	-15°43'21"	-02°42'00"	00°06'39"	0.003
20/03/2019 00:00:00	T♁	24°39'30" ♉	21°11'22"	00°00'00"	-00°07'43"	0.002
20/03/2019 00:00:00	T♃	11°03'22" ♈	-10°48'45"	-03°40'15"	-01°43'41"	0.003
20/03/2019 00:00:00	X	23°22'37" ♈	-01°53'12"	-11°47'10"	00°00'35"	96.956
20/03/2019 00:00:00	Y	26°27'53" ♉	07°49'29"	-11°50'38"	00°00'28"	85.376
21/03/2019 00:00:00	☉	00°05'01" ♈	00°02'00"	00°00'00"	00°59'35"	0.996
21/03/2019 00:00:00	☾	29°04'53" ♏	04°33'17"	04°34'02"	15°01'46"	0.002
21/03/2019 00:00:00	♀	18°55'01" ♈	-02°06'43"	02°28'09"	-00°43'42"	0.615
21/03/2019 00:00:00	♀	23°00'34" ♍	-14°11'50"	-00°22'20"	01°11'56"	1.204

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21/03/2019 00:00:00	♂	23°11'24" ♉	19°22'47"	00°50'20"	00°39'56"	1.933
21/03/2019 00:00:00	♃	23°41'08" ♈	-22°39'22"	00°37'47"	00°03'47"	5.122
21/03/2019 00:00:00	♅	19°14'17" ♊	-21°38'34"	00°25'02"	00°03'43"	10.339
21/03/2019 00:00:00	♁	00°42'12" ♈	11°15'11"	-00°29'40"	00°03'04"	20.703
21/03/2019 00:00:00	♆	16°41'17" ♉	-06°08'34"	-00°57'52"	00°02'13"	30.905
21/03/2019 00:00:00	♁	22°51'25" ♊	-21°43'24"	-00°13'38"	00°01'00"	34.136
21/03/2019 00:00:00	♁	24°30'45" ♉	21°12'55"	00°00'00"	-00°09'38"	0.002
21/03/2019 00:00:00	♃	01°44'31" ♈	03°30'43"	03°04'22"	00°03'32"	19.761
21/03/2019 00:00:00	♁	25°07'50" ♉	-15°41'48"	-02°42'45"	00°06'39"	0.003
21/03/2019 00:00:00	♁♁	24°30'45" ♉	21°12'55"	00°00'00"	-00°09'38"	0.002
21/03/2019 00:00:00	♁♃	09°18'28" ♈	-11°22'51"	-03°33'58"	-01°49'25"	0.003
21/03/2019 00:00:00	X	23°23'13" ♈	-01°52'55"	-11°47'05"	00°00'36"	96.963
21/03/2019 00:00:00	Y	26°28'21" ♈	07°49'42"	-11°50'31"	00°00'28"	85.389
22/03/2019 00:00:00	♁	01°04'36" ♈	00°25'42"	00°00'00"	00°59'33"	0.996
22/03/2019 00:00:00	♁	14°00'33" ♉	-00°56'33"	04°58'06"	14°48'00"	0.002
22/03/2019 00:00:00	♁	18°13'49" ♈	-02°35'54"	02°13'53"	-00°38'35"	0.620
22/03/2019 00:00:00	♀	24°12'31" ♉	-13°51'06"	-00°25'32"	01°11'58"	1.211
22/03/2019 00:00:00	♂	23°51'19" ♈	19°33'15"	00°50'48"	00°39'54"	1.941
22/03/2019 00:00:00	♃	23°44'50" ♈	-22°39'32"	00°37'48"	00°03'37"	5.106

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22/03/2019 00:00:00	♃	19°17'58" ♁	-21°38'05"	00°25'00"	00°03'38"	10.323
22/03/2019 00:00:00	♅	00°45'17" ♁	11°16'17"	-00°29'39"	00°03'05"	20.712
22/03/2019 00:00:00	♆	16°43'31" ♃	-06°07'43"	-00°57'53"	00°02'13"	30.901
22/03/2019 00:00:00	♁	22°52'24" ♁	-21°43'20"	-00°13'43"	00°00'58"	34.121
22/03/2019 00:00:00	♄	24°20'35" ♃	21°14'43"	00°00'00"	-00°10'28"	0.002
22/03/2019 00:00:00	♂	01°48'04" ♃	03°32'04"	03°04'18"	00°03'32"	19.762
22/03/2019 00:00:00	♁	25°14'29" ♃	-15°40'15"	-02°43'30"	00°06'39"	0.003
22/03/2019 00:00:00	T♄	24°20'35" ♃	21°14'43"	00°00'00"	-00°10'28"	0.002
22/03/2019 00:00:00	T♁	07°18'29" ♃	-12°01'24"	-03°26'48"	-02°12'54"	0.003
22/03/2019 00:00:00	X	23°23'50" ♃	-01°52'37"	-11°47'00"	00°00'36"	96.969
22/03/2019 00:00:00	Y	26°28'50" ♁	07°49'55"	-11°50'24"	00°00'29"	85.403
23/03/2019 00:00:00	♁	02°04'08" ♃	00°49'22"	00°00'00"	00°59'31"	0.996
23/03/2019 00:00:00	♃	28°38'09" ♃	-06°16'42"	05°02'02"	14°26'03"	0.002
23/03/2019 00:00:00	♆	17°37'57" ♃	-03°03'30"	01°59'05"	-00°33'03"	0.625
23/03/2019 00:00:00	♁	25°24'31" ♃	-13°30'00"	-00°28'41"	01°12'00"	1.217
23/03/2019 00:00:00	♂	24°31'14" ♁	19°43'34"	00°51'16"	00°39'53"	1.949
23/03/2019 00:00:00	♃	23°48'22" ♃	-22°39'40"	00°37'49"	00°03'26"	5.090
23/03/2019 00:00:00	♃	19°21'34" ♁	-21°37'37"	00°24'57"	00°03'33"	10.307
23/03/2019 00:00:00	♅	00°48'23" ♁	11°17'23"	-00°29'38"	00°03'06"	20.721

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23/03/2019 00:00:00	♁	16°45'44" ♈	-06°06'52"	-00°57'54"	00°02'12"	30.897
23/03/2019 00:00:00	♁	22°53'22" ♈	-21°43'17"	-00°13'49"	00°00'56"	34.106
23/03/2019 00:00:00	♁	24°10'12" ♈	21°16'32"	00°00'00"	-00°10'04"	0.002
23/03/2019 00:00:00	♁	01°51'37" ♈	03°33'25"	03°04'14"	00°03'32"	19.763
23/03/2019 00:00:00	♁	25°21'09" ♈	-15°38'42"	-02°44'15"	00°06'39"	0.003
23/03/2019 00:00:00	T♁	24°10'12" ♈	21°16'32"	00°00'00"	-00°10'04"	0.002
23/03/2019 00:00:00	T♁	04°50'13" ♈	-12°48'04"	-03°17'43"	-02°43'26"	0.003
23/03/2019 00:00:00	X	23°24'26" ♈	-01°52'19"	-11°46'55"	00°00'36"	96.975
23/03/2019 00:00:00	Y	26°29'19" ♈	07°50'09"	-11°50'17"	00°00'29"	85.416
24/03/2019 00:00:00	♁	03°03'39" ♈	01°13'01"	00°00'00"	00°59'29"	0.997
24/03/2019 00:00:00	♁	12°50'53" ♈	-11°07'47"	04°46'58"	13°58'49"	0.002
24/03/2019 00:00:00	♁	17°07'47" ♈	-03°29'13"	01°43'54"	-00°27'14"	0.633
24/03/2019 00:00:00	♁	26°36'33" ♈	-13°08'30"	-00°31'47"	01°12'02"	1.223
24/03/2019 00:00:00	♁	25°11'07" ♈	19°53'43"	00°51'44"	00°39'52"	1.957
24/03/2019 00:00:00	♁	23°51'44" ♈	-22°39'49"	00°37'50"	00°03'16"	5.074
24/03/2019 00:00:00	♁	19°25'05" ♈	-21°37'09"	00°24'55"	00°03'28"	10.291
24/03/2019 00:00:00	♁	00°51'30" ♈	11°18'29"	-00°29'37"	00°03'08"	20.729
24/03/2019 00:00:00	♁	16°47'56" ♈	-06°06'02"	-00°57'55"	00°02'12"	30.893
24/03/2019 00:00:00	♁	22°54'18" ♈	-21°43'13"	-00°13'55"	00°00'55"	34.090

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24/03/2019 00:00:00	♏	24°00'49" ♃	21°18'10"	00°00'00"	-00°08'33"	0.002
24/03/2019 00:00:00	♋	01°55'10" ♃	03°34'46"	03°04'11"	00°03'32"	19.763
24/03/2019 00:00:00	♌	25°27'49" ♃	-15°37'08"	-02°45'00"	00°06'39"	0.003
24/03/2019 00:00:00	T♏	24°00'49" ♃	21°18'10"	00°00'00"	-00°08'33"	0.002
24/03/2019 00:00:00	T♌	01°54'57" ♃	-13°41'33"	-03°06'31"	-03°04'00"	0.003
24/03/2019 00:00:00	X	23°25'03" ♃	-01°52'02"	-11°46'50"	00°00'36"	96.982
24/03/2019 00:00:00	Y	26°29'49" ♃	07°50'22"	-11°50'10"	00°00'30"	85.429
25/03/2019 00:00:00	♉	04°03'07" ♃	01°36'38"	00°00'00"	00°59'27"	0.997
25/03/2019 00:00:00	♊	26°35'07" ♃	-15°14'36"	04°15'33"	13°29'33"	0.003
25/03/2019 00:00:00	♍	16°43'31" ♃	-03°52'48"	01°28'31"	-00°21'16"	0.641
25/03/2019 00:00:00	♎	27°48'37" ♃	-12°46'38"	-00°34'49"	01°12'05"	1.230
25/03/2019 00:00:00	♏	25°50'59" ♃	20°03'42"	00°52'11"	00°39'51"	1.965
25/03/2019 00:00:00	♐	23°54'55" ♃	-22°39'56"	00°37'51"	00°03'05"	5.058
25/03/2019 00:00:00	♑	19°28'32" ♃	-21°36'42"	00°24'53"	00°03'23"	10.275
25/03/2019 00:00:00	♒	00°54'39" ♃	11°19'36"	-00°29'36"	00°03'09"	20.737
25/03/2019 00:00:00	♓	16°50'08" ♃	-06°05'11"	-00°57'56"	00°02'11"	30.888
25/03/2019 00:00:00	♈	22°55'12" ♃	-21°43'10"	-00°14'01"	00°00'53"	34.075
25/03/2019 00:00:00	♏	23°53'21" ♃	21°19'28"	00°00'00"	-00°06'16"	0.002
25/03/2019 00:00:00	♋	01°58'43" ♃	03°36'08"	03°04'07"	00°03'32"	19.763

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25/03/2019 00:00:00	☾	25°34'29" ♊	-15°35'35"	-02°45'45"	00°06'40"	0.003
25/03/2019 00:00:00	♄	23°53'21" ♉	21°19'28"	00°00'00"	-00°06'16"	0.002
25/03/2019 00:00:00	♃	28°50'23" ♊	-14°35'42"	-02°54'08"	-03°00'28"	0.003
25/03/2019 00:00:00	X	23°25'40" ♄	-01°51'44"	-11°46'45"	00°00'37"	96.987
25/03/2019 00:00:00	Y	26°30'20" ♄	07°50'36"	-11°50'03"	00°00'31"	85.442
26/03/2019 00:00:00	☉	05°02'34" ♄	02°00'13"	00°00'00"	00°59'26"	0.997
26/03/2019 00:00:00	☾	09°50'21" ♄	-18°26'25"	03°31'11"	13°01'16"	0.003
26/03/2019 00:00:00	♀	16°25'15" ♄	-04°14'06"	01°13'06"	-00°15'14"	0.650
26/03/2019 00:00:00	♀	29°00'43" ♊	-12°24'24"	-00°37'48"	01°12'07"	1.236
26/03/2019 00:00:00	♂	26°30'49" ♄	20°13'31"	00°52'37"	00°39'49"	1.973
26/03/2019 00:00:00	♃	23°57'55" ♄	-22°40'04"	00°37'52"	00°02'55"	5.042
26/03/2019 00:00:00	♃	19°31'53" ♄	-21°36'15"	00°24'51"	00°03'18"	10.259
26/03/2019 00:00:00	♃	00°57'49" ♄	11°20'43"	-00°29'35"	00°03'10"	20.744
26/03/2019 00:00:00	♃	16°52'20" ♄	-06°04'21"	-00°57'58"	00°02'11"	30.883
26/03/2019 00:00:00	♃	22°56'05" ♄	-21°43'07"	-00°14'07"	00°00'52"	34.059
26/03/2019 00:00:00	♄	23°48'19" ♉	21°20'20"	00°00'00"	-00°03'47"	0.002
26/03/2019 00:00:00	♃	02°02'15" ♄	03°37'29"	03°04'04"	00°03'32"	19.763
26/03/2019 00:00:00	☾	25°41'09" ♊	-15°34'01"	-02°46'29"	00°06'40"	0.003
26/03/2019 00:00:00	♄	23°48'19" ♉	21°20'20"	00°00'00"	-00°03'47"	0.002

Ephemerides year 2019

26/03/2019 00:00:00	T♄	26°02'59" ♊	-15°22'42"	-02°42'23"	-02°30'26"	0.003
26/03/2019 00:00:00	X	23°26'17" ♈	-01°51'27"	-11°46'41"	00°00'37"	96.993
26/03/2019 00:00:00	Y	26°30'52" ♉	07°50'49"	-11°49'56"	00°00'31"	85.454
27/03/2019 00:00:00	☉	06°02'00" ♈	02°23'45"	00°00'00"	00°59'24"	0.998
27/03/2019 00:00:00	☾	22°38'45" ♈	-20°36'41"	02°37'26"	12°36'13"	0.003
27/03/2019 00:00:00	♀	16°13'01" ♋	-04°32'58"	00°57'46"	-00°09'15"	0.660
27/03/2019 00:00:00	♀	00°12'51" ♋	-12°01'49"	-00°40'44"	01°12'09"	1.242
27/03/2019 00:00:00	♂	27°10'38" ♉	20°23'10"	00°53'03"	00°39'48"	1.981
27/03/2019 00:00:00	♃	24°00'45" ♈	-22°40'10"	00°37'53"	00°02'44"	5.026
27/03/2019 00:00:00	♅	19°35'09" ♉	-21°35'49"	00°24'49"	00°03'13"	10.243
27/03/2019 00:00:00	♁	01°01'00" ♉	11°21'50"	-00°29'34"	00°03'11"	20.752
27/03/2019 00:00:00	♃	16°54'31" ♋	-06°03'31"	-00°57'59"	00°02'10"	30.878
27/03/2019 00:00:00	♁	22°56'57" ♉	-21°43'04"	-00°14'13"	00°00'50"	34.044
27/03/2019 00:00:00	♁	23°45'41" ♋	21°20'47"	00°00'00"	-00°01'35"	0.002
27/03/2019 00:00:00	♃	02°05'48" ♈	03°38'51"	03°04'01"	00°03'32"	19.763
27/03/2019 00:00:00	♄	25°47'49" ♊	-15°32'26"	-02°47'14"	00°06'40"	0.003
27/03/2019 00:00:00	T♁	23°45'41" ♋	21°20'47"	00°00'00"	-00°01'35"	0.002
27/03/2019 00:00:00	T♄	23°55'05" ♊	-15°57'09"	-02°33'04"	-01°43'45"	0.003
27/03/2019 00:00:00	X	23°26'55" ♈	-01°51'09"	-11°46'36"	00°00'37"	96.998

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27/03/2019 00:00:00	Y	26°31'24" ♄	07°51'03"	-11°49'49"	00°00'32"	85.467
28/03/2019 00:00:00	☉	07°01'23" ♄	02°47'14"	00°00'00"	00°59'22"	0.998
28/03/2019 00:00:00	♃	05°04'21" ♄	-21°42'44"	01°37'38"	12°15'49"	0.003
28/03/2019 00:00:00	♀	16°06'43" ♃	-04°49'21"	00°42'38"	-00°03'21"	0.670
28/03/2019 00:00:00	♀	01°25'02" ♃	-11°38'54"	-00°43'36"	01°12'11"	1.249
28/03/2019 00:00:00	♂	27°50'26" ♄	20°32'40"	00°53'29"	00°39'47"	1.988
28/03/2019 00:00:00	♃	24°03'24" ♄	-22°40'17"	00°37'54"	00°02'33"	5.010
28/03/2019 00:00:00	♃	19°38'20" ♄	-21°35'24"	00°24'46"	00°03'08"	10.227
28/03/2019 00:00:00	♃	01°04'12" ♄	11°22'58"	-00°29'33"	00°03'12"	20.759
28/03/2019 00:00:00	♃	16°56'41" ♃	-06°02'41"	-00°58'00"	00°02'10"	30.872
28/03/2019 00:00:00	♃	22°57'46" ♄	-21°43'02"	-00°14'19"	00°00'48"	34.028
28/03/2019 00:00:00	♁	23°44'53" ♃	21°20'55"	00°00'00"	-00°00'09"	0.002
28/03/2019 00:00:00	♃	02°09'21" ♄	03°40'13"	03°03'58"	00°03'32"	19.762
28/03/2019 00:00:00	♃	25°54'29" ♃	-15°30'52"	-02°47'59"	00°06'40"	0.003
28/03/2019 00:00:00	T♁	23°44'53" ♃	21°20'55"	00°00'00"	-00°00'09"	0.002
28/03/2019 00:00:00	T♃	22°36'15" ♃	-16°17'40"	-02°27'07"	-00°54'35"	0.003
28/03/2019 00:00:00	X	23°27'33" ♄	-01°50'52"	-11°46'32"	00°00'37"	97.003
28/03/2019 00:00:00	Y	26°31'56" ♄	07°51'16"	-11°49'42"	00°00'32"	85.479
29/03/2019 00:00:00	☉	08°00'45" ♄	03°10'41"	00°00'00"	00°59'20"	0.998



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29/03/2019 00:00:00	♃	17°12'12" ♃	-21°45'16"	00°34'46"	12°00'47"	0.003
29/03/2019 00:00:00	♆	16°06'14" ♃	-05°03'12"	00°27'49"	00°02'22"	0.681
29/03/2019 00:00:00	♀	02°37'14" ♃	-11°15'38"	-00°46'24"	01°12'13"	1.255
29/03/2019 00:00:00	♂	28°30'13" ♃	20°41'59"	00°53'54"	00°39'46"	1.996
29/03/2019 00:00:00	♃	24°05'52" ♃	-22°40'22"	00°37'55"	00°02'22"	4.994
29/03/2019 00:00:00	♃	19°41'26" ♃	-21°34'59"	00°24'44"	00°03'03"	10.210
29/03/2019 00:00:00	♃	01°07'26" ♃	11°24'06"	-00°29'32"	00°03'13"	20.766
29/03/2019 00:00:00	♃	16°58'51" ♃	-06°01'52"	-00°58'01"	00°02'09"	30.867
29/03/2019 00:00:00	♃	22°58'34" ♃	-21°43'00"	-00°14'25"	00°00'47"	34.012
29/03/2019 00:00:00	♃	23°45'02" ♃	21°20'54"	00°00'00"	00°00'15"	0.002
29/03/2019 00:00:00	♃	02°12'53" ♃	03°41'35"	03°03'55"	00°03'32"	19.761
29/03/2019 00:00:00	♃	26°01'10" ♃	-15°29'17"	-02°48'43"	00°06'40"	0.003
29/03/2019 00:00:00	♃	23°45'02" ♃	21°20'54"	00°00'00"	00°00'15"	0.002
29/03/2019 00:00:00	♃	22°03'00" ♃	-16°26'05"	-02°24'29"	-00°13'57"	0.003
29/03/2019 00:00:00	X	23°28'11" ♃	-01°50'34"	-11°46'28"	00°00'38"	97.008
29/03/2019 00:00:00	Y	26°32'29" ♃	07°51'30"	-11°49'36"	00°00'33"	85.491
30/03/2019 00:00:00	♃	09°00'05" ♃	03°34'03"	00°00'00"	00°59'19"	0.998
30/03/2019 00:00:00	♃	29°07'46" ♃	-20°47'42"	-00°28'33"	11°51'14"	0.003
30/03/2019 00:00:00	♆	16°11'24" ♃	-05°14'31"	00°13'22"	00°07'54"	0.693

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30/03/2019 00:00:00	♀	03°49'28" ♈	-10°52'04"	-00°49'09"	01°12'14"	1.261
30/03/2019 00:00:00	♂	29°09'59" ♉	20°51'09"	00°54'19"	00°39'45"	2.004
30/03/2019 00:00:00	♋	24°08'09" ♌	-22°40'28"	00°37'55"	00°02'11"	4.979
30/03/2019 00:00:00	♌	19°44'26" ♍	-21°34'36"	00°24'42"	00°02'57"	10.194
30/03/2019 00:00:00	♍	01°10'40" ♎	11°25'14"	-00°29'31"	00°03'14"	20.773
30/03/2019 00:00:00	♎	17°01'01" ♏	-06°01'02"	-00°58'02"	00°02'08"	30.861
30/03/2019 00:00:00	♏	22°59'20" ♐	-21°42'58"	-00°14'31"	00°00'45"	33.996
30/03/2019 00:00:00	♐	23°45'01" ♑	21°20'54"	00°00'00"	-00°00'27"	0.002
30/03/2019 00:00:00	♑	02°16'25" ♒	03°42'57"	03°03'52"	00°03'31"	19.759
30/03/2019 00:00:00	♒	26°07'50" ♓	-15°27'42"	-02°49'28"	00°06'40"	0.003
30/03/2019 00:00:00	T♐	23°45'01" ♑	21°20'54"	00°00'00"	-00°00'27"	0.002
30/03/2019 00:00:00	T♒	22°03'38" ♓	-16°25'47"	-02°24'23"	00°12'42"	0.003
30/03/2019 00:00:00	X	23°28'49" ♒	-01°50'17"	-11°46'24"	00°00'38"	97.012
30/03/2019 00:00:00	Y	26°33'03" ♉	07°51'44"	-11°49'29"	00°00'33"	85.503
31/03/2019 00:00:00	☾	09°59'23" ♒	03°57'22"	-00°00'00"	00°59'17"	0.999
31/03/2019 00:00:00	♌	10°56'26" ♍	-18°55'32"	-01°29'57"	11°46'55"	0.003
31/03/2019 00:00:00	♎	16°22'00" ♏	-05°23'19"	-00°00'38"	00°13'14"	0.705
31/03/2019 00:00:00	♀	05°01'43" ♈	-10°28'11"	-00°51'49"	01°12'16"	1.268
31/03/2019 00:00:00	♂	29°49'43" ♉	21°00'08"	00°54'43"	00°39'43"	2.012

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31/03/2019 00:00:00	♃	24°10'15" ♄	-22°40'32"	00°37'56"	00°02'00"	4.963
31/03/2019 00:00:00	♅	19°47'21" ♁	-21°34'12"	00°24'40"	00°02'52"	10.178
31/03/2019 00:00:00	♆	01°13'55" ♁	11°26'23"	-00°29'30"	00°03'15"	20.779
31/03/2019 00:00:00	♅	17°03'09" ♁	-06°00'14"	-00°58'03"	00°02'08"	30.854
31/03/2019 00:00:00	♁	23°00'05" ♁	-21°42'56"	-00°14'37"	00°00'43"	33.981
31/03/2019 00:00:00	♁	23°43'46" ♁	21°21'07"	00°00'00"	-00°02'12"	0.002
31/03/2019 00:00:00	♅	02°19'57" ♁	03°44'19"	03°03'50"	00°03'31"	19.758
31/03/2019 00:00:00	♁	26°14'30" ♁	-15°26'06"	-02°50'12"	00°06'40"	0.003
31/03/2019 00:00:00	T♁	23°43'46" ♁	21°21'07"	00°00'00"	-00°02'12"	0.002
31/03/2019 00:00:00	T♁	22°23'32" ♁	-16°20'34"	-02°25'46"	00°24'52"	0.003
31/03/2019 00:00:00	X	23°29'27" ♁	-01°50'00"	-11°46'20"	00°00'38"	97.016
31/03/2019 00:00:00	Y	26°33'37" ♁	07°51'57"	-11°49'23"	00°00'34"	85.515
01/04/2019 00:00:00	♁	10°58'39" ♁	04°20'36"	-00°00'00"	00°59'15"	0.999
01/04/2019 00:00:00	♁	22°43'11" ♁	-16°15'29"	-02°27'13"	11°47'17"	0.003
01/04/2019 00:00:00	♁	16°37'48" ♁	-05°29'39"	-00°14'09"	00°18'20"	0.718
01/04/2019 00:00:00	♁	06°14'00" ♁	-10°04'00"	-00°54'26"	01°12'17"	1.274
01/04/2019 00:00:00	♁	00°29'27" ♁	21°08'57"	00°55'07"	00°39'42"	2.020
01/04/2019 00:00:00	♃	24°12'09" ♄	-22°40'37"	00°37'57"	00°01'49"	4.947
01/04/2019 00:00:00	♅	19°50'11" ♁	-21°33'50"	00°24'37"	00°02'46"	10.161

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01/04/2019 00:00:00	♃	01°17'12" ♉	11°27'32"	-00°29'29"	00°03'16"	20.786
01/04/2019 00:00:00	♃	17°05'17" ♉	-05°59'25"	-00°58'05"	00°02'07"	30.848
01/04/2019 00:00:00	♃	23°00'48" ♉	-21°42'55"	-00°14'43"	00°00'41"	33.964
01/04/2019 00:00:00	♃	23°40'21" ♉	21°21'42"	00°00'00"	-00°04'42"	0.002
01/04/2019 00:00:00	♃	02°23'28" ♉	03°45'41"	03°03'47"	00°03'31"	19.756
01/04/2019 00:00:00	♃	26°21'10" ♉	-15°24'31"	-02°50'56"	00°06'40"	0.003
01/04/2019 00:00:00	♃	23°40'21" ♉	21°21'42"	00°00'00"	-00°04'42"	0.002
01/04/2019 00:00:00	♃	22°49'44" ♉	-16°13'48"	-02°27'43"	00°26'13"	0.003
01/04/2019 00:00:00	X	23°30'06" ♉	-01°49'42"	-11°46'16"	00°00'38"	97.020
01/04/2019 00:00:00	Y	26°34'12" ♉	07°52'11"	-11°49'16"	00°00'34"	85.526
02/04/2019 00:00:00	♃	11°57'53" ♉	04°43'46"	-00°00'00"	00°59'13"	0.999
02/04/2019 00:00:00	♃	04°32'18" ♉	-12°55'07"	-03°18'12"	11°51'33"	0.003
02/04/2019 00:00:00	♃	16°58'35" ♉	-05°33'32"	-00°27'09"	00°23'11"	0.731
02/04/2019 00:00:00	♃	07°26'19" ♉	-09°39'32"	-00°56'59"	01°12'19"	1.280
02/04/2019 00:00:00	♃	01°09'09" ♉	21°17'35"	00°55'31"	00°39'41"	2.028
02/04/2019 00:00:00	♃	24°13'53" ♉	-22°40'40"	00°37'58"	00°01'38"	4.932
02/04/2019 00:00:00	♃	19°52'55" ♉	-21°33'28"	00°24'35"	00°02'41"	10.145
02/04/2019 00:00:00	♃	01°20'29" ♉	11°28'41"	-00°29'28"	00°03'17"	20.791
02/04/2019 00:00:00	♃	17°07'24" ♉	-05°58'37"	-00°58'06"	00°02'06"	30.841

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02/04/2019 00:00:00	♁	23°01'29"	♌	-21°42'54"	-00°14'49"	00°00'40"	33.948
02/04/2019 00:00:00	♁	23°34'14"	♉	21°22'45"	00°00'00"	-00°07'33"	0.002
02/04/2019 00:00:00	♊	02°26'59"	♄	03°47'03"	03°03'45"	00°03'30"	19.754
02/04/2019 00:00:00	♋	26°27'50"	♁	-15°22'55"	-02°51'40"	00°06'40"	0.003
02/04/2019 00:00:00	♁	23°34'14"	♉	21°22'45"	00°00'00"	-00°07'33"	0.002
02/04/2019 00:00:00	♋	23°14'56"	♁	-16°07'23"	-02°29'45"	00°24'31"	0.003
02/04/2019 00:00:00	♁	23°30'44"	♄	-01°49'25"	-11°46'12"	00°00'38"	97.024
02/04/2019 00:00:00	♁	26°34'47"	♄	07°52'25"	-11°49'10"	00°00'35"	85.538
03/04/2019 00:00:00	♄	12°57'06"	♄	05°06'51"	-00°00'00"	00°59'11"	1.000
03/04/2019 00:00:00	♁	16°27'18"	♁	-09°02'28"	-04°00'49"	11°58'51"	0.003
03/04/2019 00:00:00	♁	17°24'06"	♁	-05°35'03"	-00°39'36"	00°27'47"	0.744
03/04/2019 00:00:00	♁	08°38'39"	♁	-09°14'48"	-00°59'28"	01°12'20"	1.286
03/04/2019 00:00:00	♁	01°48'49"	♁	21°26'04"	00°55'54"	00°39'40"	2.035
03/04/2019 00:00:00	♁	24°15'25"	♁	-22°40'44"	00°37'58"	00°01'26"	4.916
03/04/2019 00:00:00	♁	19°55'34"	♌	-21°33'08"	00°24'33"	00°02'35"	10.128
03/04/2019 00:00:00	♁	01°23'47"	♄	11°29'51"	-00°29'27"	00°03'18"	20.797
03/04/2019 00:00:00	♁	17°09'30"	♁	-05°57'49"	-00°58'07"	00°02'05"	30.834
03/04/2019 00:00:00	♁	23°02'08"	♌	-21°42'54"	-00°14'55"	00°00'38"	33.932
03/04/2019 00:00:00	♁	23°25'16"	♉	21°24'17"	00°00'00"	-00°10'19"	0.002

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03/04/2019 00:00:00	♄	02°30'30" ♀	03°48'24"	03°03'43"	00°03'30"	19.751
03/04/2019 00:00:00	♁	26°34'30" ♀	-15°21'19"	-02°52'25"	00°06'40"	0.003
03/04/2019 00:00:00	♄♁	23°25'16" ♀	21°24'17"	00°00'00"	-00°10'19"	0.002
03/04/2019 00:00:00	♄♁	23°41'35" ♀	-16°00'44"	-02°32'05"	00°31'16"	0.003
03/04/2019 00:00:00	X	23°31'23" ♀	-01°49'08"	-11°46'09"	00°00'38"	97.027
03/04/2019 00:00:00	Y	26°35'22" ♂	07°52'38"	-11°49'04"	00°00'35"	85.549
04/04/2019 00:00:00	♁	13°56'16" ♀	05°29'50"	-00°00'00"	00°59'09"	1.000
04/04/2019 00:00:00	♃	28°30'43" ♀	-04°46'03"	-04°33'07"	12°08'15"	0.003
04/04/2019 00:00:00	♁	17°54'06" ♀	-05°34'16"	-00°51'28"	00°32'10"	0.758
04/04/2019 00:00:00	♁	09°51'01" ♀	-08°49'47"	-01°01'53"	01°12'22"	1.292
04/04/2019 00:00:00	♂	02°28'29" ♀	21°34'21"	00°56'17"	00°39'38"	2.043
04/04/2019 00:00:00	♁	24°16'47" ♀	-22°40'46"	00°37'59"	00°01'15"	4.901
04/04/2019 00:00:00	♁	19°58'07" ♀	-21°32'47"	00°24'31"	00°02'30"	10.111
04/04/2019 00:00:00	♁	01°27'06" ♂	11°31'00"	-00°29'26"	00°03'19"	20.803
04/04/2019 00:00:00	♁	17°11'35" ♀	-05°57'01"	-00°58'09"	00°02'04"	30.827
04/04/2019 00:00:00	♁	23°02'45" ♀	-21°42'53"	-00°15'01"	00°00'36"	33.916
04/04/2019 00:00:00	♁	23°13'47" ♀	21°26'13"	00°00'00"	-00°12'30"	0.002
04/04/2019 00:00:00	♄	02°34'00" ♀	03°49'46"	03°03'41"	00°03'29"	19.749
04/04/2019 00:00:00	♁	26°41'10" ♀	-15°19'43"	-02°53'09"	00°06'40"	0.003

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04/04/2019 00:00:00	T♄	23°13'47"	♈	21°26'13"	00°00'00"	-00°12'30"	0.002
04/04/2019 00:00:00	T♄	24°24'22"	♍	-15°49'59"	-02°35'52"	00°58'26"	0.003
04/04/2019 00:00:00	X	23°32'02"	♄	-01°48'51"	-11°46'06"	00°00'38"	97.030
04/04/2019 00:00:00	Y	26°35'58"	♋	07°52'52"	-11°48'58"	00°00'36"	85.560
05/04/2019 00:00:00	♁	14°55'25"	♄	05°52'43"	-00°00'00"	00°59'07"	1.000
05/04/2019 00:00:00	♃	10°44'14"	♄	-00°15'00"	-04°53'19"	12°18'55"	0.003
05/04/2019 00:00:00	♆	18°28'22"	♋	-05°31'15"	-01°02'45"	00°36'19"	0.771
05/04/2019 00:00:00	♁	11°03'23"	♋	-08°24'31"	-01°04'14"	01°12'23"	1.298
05/04/2019 00:00:00	♂	03°08'07"	♈	21°42'28"	00°56'40"	00°39'37"	2.051
05/04/2019 00:00:00	♃	24°17'57"	♈	-22°40'49"	00°38'00"	00°01'04"	4.886
05/04/2019 00:00:00	♃	20°00'34"	♋	-21°32'28"	00°24'29"	00°02'24"	10.095
05/04/2019 00:00:00	♃	01°30'26"	♋	11°32'10"	-00°29'26"	00°03'20"	20.808
05/04/2019 00:00:00	♆	17°13'40"	♋	-05°56'14"	-00°58'10"	00°02'04"	30.819
05/04/2019 00:00:00	♁	23°03'21"	♋	-21°42'53"	-00°15'07"	00°00'34"	33.900
05/04/2019 00:00:00	♁	23°00'33"	♈	21°28'26"	00°00'00"	-00°13'45"	0.002
05/04/2019 00:00:00	♃	02°37'29"	♄	03°51'08"	03°03'40"	00°03'29"	19.746
05/04/2019 00:00:00	♆	26°47'50"	♍	-15°18'06"	-02°53'52"	00°06'40"	0.003
05/04/2019 00:00:00	T♄	23°00'33"	♈	21°28'26"	00°00'00"	-00°13'45"	0.002
05/04/2019 00:00:00	T♄	25°47'21"	♍	-15°28'25"	-02°42'48"	01°51'46"	0.003

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05/04/2019 00:00:00	X	23°32'40" ♄	-01°48'34"	-11°46'02"	00°00'38"	97.033
05/04/2019 00:00:00	Y	26°36'35" ♃	07°53'06"	-11°48'52"	00°00'36"	85.571
06/04/2019 00:00:00	☉	15°54'31" ♄	06°15'31"	-00°00'00"	00°59'05"	1.001
06/04/2019 00:00:00	☾	23°08'44" ♄	04°20'42"	-05°00'01"	12°30'06"	0.003
06/04/2019 00:00:00	♀	19°06'40" ♃	-05°26'04"	-01°13'25"	00°40'14"	0.785
06/04/2019 00:00:00	♀	12°15'47" ♃	-07°59'01"	-01°06'30"	01°12'24"	1.304
06/04/2019 00:00:00	♂	03°47'45" ♀	21°50'25"	00°57'02"	00°39'36"	2.059
06/04/2019 00:00:00	♃	24°18'55" ♁	-22°40'51"	00°38'00"	00°00'53"	4.871
06/04/2019 00:00:00	♅	20°02'56" ♁	-21°32'09"	00°24'26"	00°02'19"	10.078
06/04/2019 00:00:00	♁	01°33'46" ♃	11°33'20"	-00°29'25"	00°03'20"	20.813
06/04/2019 00:00:00	♃	17°15'44" ♃	-05°55'27"	-00°58'12"	00°02'03"	30.811
06/04/2019 00:00:00	♁	23°03'55" ♁	-21°42'53"	-00°15'13"	00°00'33"	33.884
06/04/2019 00:00:00	♁	22°46'40" ♁	21°30'45"	00°00'00"	-00°13'49"	0.002
06/04/2019 00:00:00	♁	02°40'58" ♄	03°52'29"	03°03'38"	00°03'28"	19.743
06/04/2019 00:00:00	♁	26°54'30" ♁	-15°16'29"	-02°54'36"	00°06'40"	0.003
06/04/2019 00:00:00	T♁	22°46'40" ♁	21°30'45"	00°00'00"	-00°13'49"	0.002
06/04/2019 00:00:00	T♁	28°14'40" ♁	-14°48'26"	-02°54'22"	03°04'55"	0.003
06/04/2019 00:00:00	X	23°33'19" ♄	-01°48'17"	-11°45'59"	00°00'38"	97.035
06/04/2019 00:00:00	Y	26°37'12" ♃	07°53'19"	-11°48'46"	00°00'37"	85.581



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07/04/2019 00:00:00	♁	16°53'36" ♀	06°38'12"	-00°00'00"	00°59'03"	1.001
07/04/2019 00:00:00	♃	05°44'29" ♂	08°50'01"	-04°52'17"	12°41'23"	0.003
07/04/2019 00:00:00	♆	19°48'47" ♀	-05°18'48"	-01°23'30"	00°43'57"	0.800
07/04/2019 00:00:00	♁	13°28'12" ♀	-07°33'17"	-01°08'43"	01°12'25"	1.310
07/04/2019 00:00:00	♂	04°27'21" ♀	21°58'11"	00°57'24"	00°39'35"	2.066
07/04/2019 00:00:00	♃	24°19'43" ♂	-22°40'52"	00°38'01"	00°00'41"	4.856
07/04/2019 00:00:00	♄	20°05'13" ♂	-21°31'51"	00°24'24"	00°02'13"	10.061
07/04/2019 00:00:00	♅	01°37'07" ♂	11°34'31"	-00°29'24"	00°03'21"	20.817
07/04/2019 00:00:00	♆	17°17'46" ♀	-05°54'40"	-00°58'13"	00°02'02"	30.803
07/04/2019 00:00:00	♁	23°04'27" ♂	-21°42'54"	-00°15'19"	00°00'31"	33.867
07/04/2019 00:00:00	♁	22°33'19" ♀	21°32'57"	00°00'00"	-00°12'39"	0.002
07/04/2019 00:00:00	♆	02°44'26" ♀	03°53'51"	03°03'37"	00°03'27"	19.739
07/04/2019 00:00:00	♁	27°01'10" ♀	-15°14'52"	-02°55'20"	00°06'40"	0.003
07/04/2019 00:00:00	♁	22°33'19" ♀	21°32'57"	00°00'00"	-00°12'39"	0.002
07/04/2019 00:00:00	♁	01°57'56" ♀	-13°44'32"	-03°10'51"	04°20'05"	0.003
07/04/2019 00:00:00	X	23°33'58" ♀	-01°48'00"	-11°45'56"	00°00'39"	97.038
07/04/2019 00:00:00	Y	26°37'50" ♂	07°53'33"	-11°48'41"	00°00'37"	85.591
08/04/2019 00:00:00	♁	17°52'38" ♀	07°00'46"	-00°00'00"	00°59'01"	1.001
08/04/2019 00:00:00	♃	18°31'28" ♂	13°00'36"	-04°29'52"	12°52'35"	0.003

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08/04/2019 00:00:00	♀	20°34'31" ♈	-05°09'31"	-01°32'58"	00°47'28"	0.814
08/04/2019 00:00:00	♀	14°40'38" ♈	-07°07'19"	-01°10'51"	01°12'26"	1.316
08/04/2019 00:00:00	♂	05°06'55" ♉	22°05'46"	00°57'45"	00°39'34"	2.074
08/04/2019 00:00:00	♃	24°20'19" ♈	-22°40'53"	00°38'01"	00°00'30"	4.841
08/04/2019 00:00:00	♅	20°07'24" ♄	-21°31'34"	00°24'22"	00°02'08"	10.045
08/04/2019 00:00:00	♁	01°40'29" ♄	11°35'41"	-00°29'23"	00°03'22"	20.822
08/04/2019 00:00:00	♆	17°19'48" ♈	-05°53'54"	-00°58'14"	00°02'01"	30.795
08/04/2019 00:00:00	♁	23°04'58" ♄	-21°42'55"	-00°15'25"	00°00'29"	33.851
08/04/2019 00:00:00	♁	22°21'41" ♄	21°34'51"	00°00'00"	-00°10'27"	0.002
08/04/2019 00:00:00	♁	02°47'54" ♄	03°55'12"	03°03'35"	00°03'27"	19.735
08/04/2019 00:00:00	♁	27°07'50" ♄	-15°13'15"	-02°56'04"	00°06'40"	0.003
08/04/2019 00:00:00	T♁	22°21'41" ♄	21°34'51"	00°00'00"	-00°10'27"	0.002
08/04/2019 00:00:00	T♁	06°48'05" ♈	-12°16'23"	-03°30'41"	05°15'09"	0.003
08/04/2019 00:00:00	X	23°34'38" ♄	-01°47'44"	-11°45'53"	00°00'39"	97.040
08/04/2019 00:00:00	Y	26°38'28" ♄	07°53'47"	-11°48'35"	00°00'38"	85.602
09/04/2019 00:00:00	☉	18°51'39" ♄	07°23'13"	-00°00'00"	00°58'59"	1.001
09/04/2019 00:00:00	☾	01°29'41" ♉	16°38'55"	-03°53'14"	13°03'53"	0.003
09/04/2019 00:00:00	♀	21°23'41" ♈	-04°58'16"	-01°41'50"	00°50'49"	0.828
09/04/2019 00:00:00	♀	15°53'06" ♈	-06°41'09"	-01°12'54"	01°12'27"	1.322

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09/04/2019 00:00:00	♂	05°46'29" ♀	22°13'10"	00°58'06"	00°39'32"	2.081
09/04/2019 00:00:00	♃	24°20'44" ♂	-22°40'54"	00°38'02"	00°00'19"	4.826
09/04/2019 00:00:00	♅	20°09'29" ♀	-21°31'18"	00°24'20"	00°02'02"	10.028
09/04/2019 00:00:00	♁	01°43'52" ♂	11°36'52"	-00°29'23"	00°03'22"	20.826
09/04/2019 00:00:00	♆	17°21'49" ♀	-05°53'08"	-00°58'16"	00°02'00"	30.786
09/04/2019 00:00:00	♁	23°05'27" ♀	-21°42'56"	-00°15'31"	00°00'27"	33.835
09/04/2019 00:00:00	♄	22°12'37" ♀	21°36'19"	00°00'00"	-00°07'35"	0.002
09/04/2019 00:00:00	♆	02°51'20" ♂	03°56'33"	03°03'34"	00°03'26"	19.731
09/04/2019 00:00:00	♁	27°14'30" ♀	-15°11'37"	-02°56'47"	00°06'40"	0.003
09/04/2019 00:00:00	T♄	22°12'37" ♀	21°36'19"	00°00'00"	-00°07'35"	0.002
09/04/2019 00:00:00	T♁	12°15'25" ♀	-10°31'03"	-03°51'00"	05°32'06"	0.003
09/04/2019 00:00:00	X	23°35'17" ♂	-01°47'27"	-11°45'50"	00°00'39"	97.041
09/04/2019 00:00:00	Y	26°39'06" ♂	07°54'00"	-11°48'30"	00°00'38"	85.611
10/04/2019 00:00:00	♁	19°50'37" ♂	07°45'32"	-00°00'00"	00°58'57"	1.002
10/04/2019 00:00:00	♃	14°39'24" ♀	19°30'42"	-03°03'40"	13°15'39"	0.003
10/04/2019 00:00:00	♆	22°16'06" ♀	-04°45'09"	-01°50'05"	00°53'58"	0.843
10/04/2019 00:00:00	♀	17°05'34" ♀	-06°14'47"	-01°14'54"	01°12'28"	1.328
10/04/2019 00:00:00	♂	06°26'01" ♀	22°20'23"	00°58'27"	00°39'31"	2.089
10/04/2019 00:00:00	♃	24°20'57" ♂	-22°40'54"	00°38'02"	00°00'07"	4.811

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10/04/2019 00:00:00	♃	20°11'29" ♌	-21°31'03"	00°24'18"	00°01'56"	10.011
10/04/2019 00:00:00	♅	01°47'15" ♊	11°38'03"	-00°29'22"	00°03'23"	20.829
10/04/2019 00:00:00	♆	17°23'50" ♈	-05°52'23"	-00°58'18"	00°01'59"	30.777
10/04/2019 00:00:00	♁	23°05'54" ♌	-21°42'57"	-00°15'37"	00°00'26"	33.818
10/04/2019 00:00:00	♄	22°06'32" ♈	21°37'18"	00°00'00"	-00°04'35"	0.002
10/04/2019 00:00:00	♂	02°54'47" ♈	03°57'54"	03°03'33"	00°03'25"	19.727
10/04/2019 00:00:00	♁	27°21'11" ♋	-15°10'00"	-02°57'31"	00°06'40"	0.003
10/04/2019 00:00:00	T♄	22°06'32" ♈	21°37'18"	00°00'00"	-00°04'35"	0.002
10/04/2019 00:00:00	T♃	17°36'40" ♈	-08°42'36"	-04°08'44"	05°02'33"	0.003
10/04/2019 00:00:00	X	23°35'56" ♈	-01°47'11"	-11°45'48"	00°00'39"	97.042
10/04/2019 00:00:00	Y	26°39'45" ♊	07°54'14"	-11°48'24"	00°00'39"	85.621
11/04/2019 00:00:00	♁	20°49'33" ♈	08°07'44"	-00°00'00"	00°58'54"	1.002
11/04/2019 00:00:00	♃	28°01'17" ♈	21°22'00"	-02°03'16"	13°28'19"	0.003
11/04/2019 00:00:00	♆	23°11'36" ♈	-04°30'13"	-01°57'43"	00°56'59"	0.858
11/04/2019 00:00:00	♁	18°18'03" ♈	-05°48'14"	-01°16'49"	01°12'29"	1.334
11/04/2019 00:00:00	♂	07°05'32" ♈	22°27'26"	00°58'48"	00°39'30"	2.096
11/04/2019 00:00:00	♁	24°21'00" ♈	-22°40'53"	00°38'03"	-00°00'03"	4.796
11/04/2019 00:00:00	♃	20°13'23" ♌	-21°30'48"	00°24'15"	00°01'51"	9.995
11/04/2019 00:00:00	♅	01°50'38" ♊	11°39'14"	-00°29'21"	00°03'23"	20.833

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11/04/2019 00:00:00	♁	17°25'49" ♈	-05°51'38"	-00°58'19"	00°01'58"	30.768
11/04/2019 00:00:00	♁	23°06'19" ♉	-21°42'59"	-00°15'43"	00°00'24"	33.802
11/04/2019 00:00:00	♁	22°03'17" ♊	21°37'49"	00°00'00"	-00°02'01"	0.002
11/04/2019 00:00:00	♁	02°58'12" ♋	03°59'15"	03°03'32"	00°03'24"	19.722
11/04/2019 00:00:00	♁	27°27'51" ♌	-15°08'21"	-02°58'14"	00°06'40"	0.003
11/04/2019 00:00:00	♁	22°03'17" ♍	21°37'49"	00°00'00"	-00°02'01"	0.002
11/04/2019 00:00:00	♁	22°06'00" ♎	-07°08'30"	-04°21'51"	03°49'47"	0.003
11/04/2019 00:00:00	X	23°36'36" ♏	-01°46'54"	-11°45'45"	00°00'39"	97.044
11/04/2019 00:00:00	Y	26°40'25" ♐	07°54'28"	-11°48'19"	00°00'39"	85.630
12/04/2019 00:00:00	♁	21°48'26" ♑	08°29'47"	-00°00'00"	00°58'52"	1.002
12/04/2019 00:00:00	♁	11°36'25" ♒	22°01'04"	-00°54'51"	13°42'08"	0.003
12/04/2019 00:00:00	♁	24°10'02" ♓	-04°13'32"	-02°04'46"	00°59'51"	0.872
12/04/2019 00:00:00	♀	19°30'33" ♈	-05°21'30"	-01°18'39"	01°12'30"	1.340
12/04/2019 00:00:00	♂	07°45'02" ♉	22°34'17"	00°59'08"	00°39'28"	2.104
12/04/2019 00:00:00	♂	24°20'51" ♊	-22°40'53"	00°38'03"	-00°00'14"	4.782
12/04/2019 00:00:00	♂	20°15'11" ♋	-21°30'34"	00°24'13"	00°01'45"	9.978
12/04/2019 00:00:00	♂	01°54'03" ♌	11°40'25"	-00°29'20"	00°03'24"	20.836
12/04/2019 00:00:00	♁	17°27'47" ♍	-05°50'53"	-00°58'21"	00°01'57"	30.759
12/04/2019 00:00:00	♁	23°06'42" ♎	-21°43'01"	-00°15'49"	00°00'22"	33.785

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12/04/2019 00:00:00	♏	22°02'10"	♉	21°38'00"	00°00'00"	-00°00'24"	0.002
12/04/2019 00:00:00	♋	03°01'36"	♏	04°00'36"	03°03'32"	00°03'24"	19.718
12/04/2019 00:00:00	♌	27°34'31"	♎	-15°06'43"	-02°58'58"	00°06'40"	0.003
12/04/2019 00:00:00	T♏	22°02'10"	♉	21°38'00"	00°00'00"	-00°00'24"	0.002
12/04/2019 00:00:00	T♌	25°06'38"	♋	-06°04'03"	-04°29'42"	02°08'32"	0.003
12/04/2019 00:00:00	X	23°37'15"	♏	-01°46'38"	-11°45'43"	00°00'39"	97.044
12/04/2019 00:00:00	Y	26°41'05"	♏	07°54'41"	-11°48'14"	00°00'40"	85.640
13/04/2019 00:00:00	♏	22°47'18"	♏	08°51'42"	00°00'00"	00°58'50"	1.002
13/04/2019 00:00:00	♎	25°25'55"	♉	21°20'39"	00°17'58"	13°56'58"	0.002
13/04/2019 00:00:00	♎	25°11'16"	♋	-03°55'09"	-02°11'13"	01°02'35"	0.887
13/04/2019 00:00:00	♎	20°43'04"	♋	-04°54'37"	-01°20'25"	01°12'31"	1.346
13/04/2019 00:00:00	♏	08°24'30"	♏	22°40'58"	00°59'27"	00°39'27"	2.111
13/04/2019 00:00:00	♏	24°20'31"	♏	-22°40'52"	00°38'03"	-00°00'25"	4.767
13/04/2019 00:00:00	♏	20°16'54"	♏	-21°30'21"	00°24'11"	00°01'39"	9.961
13/04/2019 00:00:00	♏	01°57'27"	♏	11°41'36"	-00°29'20"	00°03'24"	20.839
13/04/2019 00:00:00	♎	17°29'44"	♋	-05°50'09"	-00°58'22"	00°01'56"	30.750
13/04/2019 00:00:00	♏	23°07'04"	♏	-21°43'03"	-00°15'55"	00°00'20"	33.769
13/04/2019 00:00:00	♏	22°02'03"	♉	21°38'01"	00°00'00"	-00°00'01"	0.002
13/04/2019 00:00:00	♋	03°05'00"	♏	04°01'56"	03°03'31"	00°03'23"	19.713

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13/04/2019 00:00:00	☾	27°41'12" ♊	-15°05'05"	-02°59'41"	00°06'40"	0.003
13/04/2019 00:00:00	♄	22°02'03" ♉	21°38'01"	00°00'00"	-00°00'01"	0.002
13/04/2019 00:00:00	♃	26°21'50" ♉	-05°36'54"	-04°32'41"	00°23'43"	0.003
13/04/2019 00:00:00	X	23°37'55" ♉	-01°46'22"	-11°45'40"	00°00'39"	97.045
13/04/2019 00:00:00	Y	26°41'45" ♉	07°54'55"	-11°48'09"	00°00'40"	85.648
14/04/2019 00:00:00	☉	23°46'07" ♉	09°13'27"	00°00'00"	00°58'47"	1.003
14/04/2019 00:00:00	☾	09°30'27" ♉	19°19'53"	01°31'00"	14°12'04"	0.002
14/04/2019 00:00:00	♀	26°15'10" ♉	-03°35'09"	-02°17'04"	01°05'11"	0.902
14/04/2019 00:00:00	♀	21°55'36" ♉	-04°27'34"	-01°22'07"	01°12'32"	1.352
14/04/2019 00:00:00	♂	09°03'57" ♉	22°47'27"	00°59'47"	00°39'25"	2.119
14/04/2019 00:00:00	♃	24°19'59" ♉	-22°40'50"	00°38'03"	-00°00'37"	4.753
14/04/2019 00:00:00	♃	20°18'31" ♉	-21°30'09"	00°24'09"	00°01'33"	9.945
14/04/2019 00:00:00	♃	02°00'52" ♉	11°42'47"	-00°29'19"	00°03'25"	20.842
14/04/2019 00:00:00	♃	17°31'40" ♉	-05°49'25"	-00°58'24"	00°01'55"	30.740
14/04/2019 00:00:00	♃	23°07'24" ♉	-21°43'06"	-00°16'01"	00°00'19"	33.753
14/04/2019 00:00:00	♄	22°01'39" ♉	21°38'05"	00°00'00"	-00°00'59"	0.002
14/04/2019 00:00:00	♃	03°08'23" ♉	04°03'17"	03°03'31"	00°03'22"	19.707
14/04/2019 00:00:00	☾	27°47'52" ♊	-15°03'26"	-03°00'24"	00°06'40"	0.003
14/04/2019 00:00:00	♄	22°01'39" ♉	21°38'05"	00°00'00"	-00°00'59"	0.002

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14/04/2019 00:00:00	T♄	26°02'39" ♋	-05°43'44"	-04°31'49"	-00°55'48"	0.003
14/04/2019 00:00:00	X	23°38'34" ♏	-01°46'05"	-11°45'38"	00°00'39"	97.045
14/04/2019 00:00:00	Y	26°42'26" ♋	07°55'08"	-11°48'04"	00°00'40"	85.657
15/04/2019 00:00:00	☉	24°44'53" ♏	09°35'04"	00°00'00"	00°58'45"	1.003
15/04/2019 00:00:00	☾	23°49'41" ♋	16°05'02"	02°39'31"	14°26'03"	0.002
15/04/2019 00:00:00	♀	27°21'37" ♋	-03°13'34"	-02°22'19"	01°07'41"	0.916
15/04/2019 00:00:00	♀	23°08'08" ♋	-04°00'22"	-01°23'44"	01°12'32"	1.357
15/04/2019 00:00:00	♂	09°43'22" ♋	22°53'45"	01°00'06"	00°39'24"	2.126
15/04/2019 00:00:00	♃	24°19'17" ♋	-22°40'48"	00°38'04"	-00°00'48"	4.739
15/04/2019 00:00:00	♅	20°20'02" ♋	-21°29'58"	00°24'06"	00°01'28"	9.928
15/04/2019 00:00:00	♁	02°04'18" ♋	11°43'58"	-00°29'19"	00°03'25"	20.844
15/04/2019 00:00:00	♆	17°33'35" ♋	-05°48'42"	-00°58'26"	00°01'54"	30.730
15/04/2019 00:00:00	♁	23°07'42" ♋	-21°43'09"	-00°16'08"	00°00'17"	33.736
15/04/2019 00:00:00	♁	21°59'41" ♋	21°38'24"	00°00'00"	-00°03'04"	0.002
15/04/2019 00:00:00	♁	03°11'44" ♏	04°04'37"	03°03'31"	00°03'21"	19.702
15/04/2019 00:00:00	♁	27°54'32" ♋	-15°01'47"	-03°01'07"	00°06'40"	0.003
15/04/2019 00:00:00	T♁	21°59'41" ♋	21°38'24"	00°00'00"	-00°03'04"	0.002
15/04/2019 00:00:00	T♄	24°44'52" ♋	-06°11'37"	-04°28'31"	-01°32'18"	0.003
15/04/2019 00:00:00	X	23°39'14" ♏	-01°45'49"	-11°45'36"	00°00'39"	97.045



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15/04/2019 00:00:00	Y	26°43'07" ♃	07°55'22"	-11°47'59"	00°00'41"	85.666
16/04/2019 00:00:00	☉	25°43'37" ♄	09°56'30"	00°00'00"	00°58'43"	1.003
16/04/2019 00:00:00	☾	08°21'32" ♃	11°48'43"	03°38'40"	14°36'56"	0.002
16/04/2019 00:00:00	♀	28°30'31" ♃	-02°50'27"	-02°27'00"	01°10'05"	0.931
16/04/2019 00:00:00	♀	24°20'41" ♃	-03°33'03"	-01°25'16"	01°12'33"	1.363
16/04/2019 00:00:00	♂	10°22'46" ♃	22°59'52"	01°00'25"	00°39'22"	2.133
16/04/2019 00:00:00	♃	24°18'23" ♃	-22°40'46"	00°38'04"	-00°00'59"	4.725
16/04/2019 00:00:00	♃	20°21'27" ♃	-21°29'47"	00°24'04"	00°01'22"	9.911
16/04/2019 00:00:00	♃	02°07'43" ♃	11°45'10"	-00°29'18"	00°03'25"	20.847
16/04/2019 00:00:00	♃	17°35'29" ♃	-05°47'59"	-00°58'27"	00°01'53"	30.720
16/04/2019 00:00:00	♃	23°07'59" ♃	-21°43'12"	-00°16'14"	00°00'15"	33.720
16/04/2019 00:00:00	♃	21°55'17" ♃	21°39'06"	00°00'00"	-00°05'47"	0.002
16/04/2019 00:00:00	♃	03°15'05" ♃	04°05'56"	03°03'30"	00°03'19"	19.696
16/04/2019 00:00:00	♃	28°01'13" ♃	-15°00'07"	-03°01'50"	00°06'40"	0.003
16/04/2019 00:00:00	T♃	21°55'17" ♃	21°39'06"	00°00'00"	-00°05'47"	0.002
16/04/2019 00:00:00	T♃	23°10'23" ♃	-06°45'21"	-04°24'25"	-01°32'10"	0.003
16/04/2019 00:00:00	X	23°39'53" ♃	-01°45'34"	-11°45'34"	00°00'39"	97.044
16/04/2019 00:00:00	Y	26°43'48" ♃	07°55'35"	-11°47'55"	00°00'41"	85.674
17/04/2019 00:00:00	☉	26°42'20" ♃	10°17'47"	00°00'00"	00°58'40"	1.004

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17/04/2019 00:00:00	♃	23°01'49"	♎	06°48'19"	04°23'57"	14°42'34"	0.002
17/04/2019 00:00:00	♆	29°41'47"	♏	-02°25'52"	-02°31'05"	01°12'24"	0.946
17/04/2019 00:00:00	♀	25°33'15"	♏	-03°05'37"	-01°26'44"	01°12'34"	1.369
17/04/2019 00:00:00	♂	11°02'08"	♏	23°05'47"	01°00'43"	00°39'21"	2.141
17/04/2019 00:00:00	♃	24°17'17"	♏	-22°40'43"	00°38'04"	-00°01'10"	4.711
17/04/2019 00:00:00	♃	20°22'46"	♏	-21°29'38"	00°24'02"	00°01'16"	9.895
17/04/2019 00:00:00	♃	02°11'09"	♏	11°46'21"	-00°29'17"	00°03'25"	20.848
17/04/2019 00:00:00	♃	17°37'21"	♏	-05°47'17"	-00°58'29"	00°01'51"	30.709
17/04/2019 00:00:00	♃	23°08'13"	♏	-21°43'16"	-00°16'20"	00°00'13"	33.703
17/04/2019 00:00:00	♁	21°48'07"	♏	21°40'15"	00°00'00"	-00°08'31"	0.002
17/04/2019 00:00:00	♃	03°18'24"	♏	04°07'15"	03°03'30"	00°03'18"	19.690
17/04/2019 00:00:00	♃	28°07'53"	♏	-14°58'28"	-03°02'33"	00°06'40"	0.003
17/04/2019 00:00:00	♁	21°48'07"	♏	21°40'15"	00°00'00"	-00°08'31"	0.002
17/04/2019 00:00:00	♃	21°44'52"	♏	-07°15'46"	-04°20'39"	-01°18'47"	0.003
17/04/2019 00:00:00	X	23°40'32"	♏	-01°45'18"	-11°45'33"	00°00'39"	97.044
17/04/2019 00:00:00	Y	26°44'30"	♏	07°55'49"	-11°47'50"	00°00'41"	85.682
18/04/2019 00:00:00	♁	27°40'59"	♏	10°38'53"	00°00'00"	00°58'38"	1.004
18/04/2019 00:00:00	♃	07°44'19"	♏	01°24'01"	04°51'52"	14°41'10"	0.002
18/04/2019 00:00:00	♆	00°55'19"	♏	-01°59'51"	-02°34'37"	01°14'38"	0.961

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18/04/2019 00:00:00	♀	26°45'50" ♈	-02°38'03"	-01°28'08"	01°12'35"	1.374
18/04/2019 00:00:00	♂	11°41'28" ♉	23°11'31"	01°01'01"	00°39'20"	2.148
18/04/2019 00:00:00	♃	24°16'01" ♈	-22°40'40"	00°38'03"	-00°01'21"	4.698
18/04/2019 00:00:00	♅	20°24'00" ♉	-21°29'29"	00°23'59"	00°01'10"	9.878
18/04/2019 00:00:00	♁	02°14'35" ♈	11°47'32"	-00°29'17"	00°03'26"	20.850
18/04/2019 00:00:00	♃	17°39'12" ♈	-05°46'35"	-00°58'31"	00°01'50"	30.699
18/04/2019 00:00:00	♁	23°08'26" ♉	-21°43'20"	-00°16'26"	00°00'11"	33.687
18/04/2019 00:00:00	♄	21°38'28" ♈	21°41'47"	00°00'00"	-00°10'37"	0.002
18/04/2019 00:00:00	♅	03°21'42" ♈	04°08'34"	03°03'31"	00°03'17"	19.683
18/04/2019 00:00:00	♁	28°14'33" ♈	-14°56'48"	-03°03'16"	00°06'40"	0.003
18/04/2019 00:00:00	T♄	21°38'28" ♈	21°41'47"	00°00'00"	-00°10'37"	0.002
18/04/2019 00:00:00	T♁	20°29'30" ♈	-07°42'37"	-04°17'27"	-01°14'51"	0.003
18/04/2019 00:00:00	X	23°41'12" ♈	-01°45'02"	-11°45'31"	00°00'39"	97.043
18/04/2019 00:00:00	Y	26°45'12" ♈	07°56'02"	-11°47'46"	00°00'42"	85.689
19/04/2019 00:00:00	☾	28°39'37" ♈	10°59'49"	00°00'00"	00°58'36"	1.004
19/04/2019 00:00:00	♃	22°21'31" ♈	-04°02'59"	05°00'29"	14°31'55"	0.002
19/04/2019 00:00:00	♁	02°11'03" ♈	-01°32'27"	-02°37'33"	01°16'48"	0.976
19/04/2019 00:00:00	♀	27°58'26" ♈	-02°10'24"	-01°29'26"	01°12'36"	1.380
19/04/2019 00:00:00	♂	12°20'48" ♉	23°17'04"	01°01'18"	00°39'18"	2.155

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19/04/2019 00:00:00	♈	24°14'34"	♈r	-22°40'36"	00°38'03"	-00°01'32"	4.684
19/04/2019 00:00:00	♉	20°25'07"	♉	-21°29'22"	00°23'57"	00°01'04"	9.862
19/04/2019 00:00:00	♊	02°18'01"	♊	11°48'43"	-00°29'16"	00°03'26"	20.851
19/04/2019 00:00:00	♋	17°41'02"	♋	-05°45'53"	-00°58'33"	00°01'49"	30.688
19/04/2019 00:00:00	♌	23°08'37"	♌	-21°43'24"	-00°16'32"	00°00'10"	33.671
19/04/2019 00:00:00	♍	21°27'13"	♍r	21°43'33"	00°00'00"	-00°11'39"	0.002
19/04/2019 00:00:00	♎	03°25'00"	♎	04°09'53"	03°03'31"	00°03'16"	19.677
19/04/2019 00:00:00	♏	28°21'13"	♏	-14°55'08"	-03°03'58"	00°06'40"	0.003
19/04/2019 00:00:00	T♍	21°27'13"	♍r	21°43'33"	00°00'00"	-00°11'39"	0.002
19/04/2019 00:00:00	T♎	19°08'13"	♎r	-08°11'37"	-04°14'09"	-01°31'19"	0.003
19/04/2019 00:00:00	X	23°41'51"	♎	-01°44'47"	-11°45'29"	00°00'39"	97.042
19/04/2019 00:00:00	Y	26°45'54"	♏	07°56'15"	-11°47'41"	00°00'42"	85.697
20/04/2019 00:00:00	♐	29°38'13"	♐	11°20'34"	00°00'00"	00°58'34"	1.004
20/04/2019 00:00:00	♑	06°45'44"	♑	-09°12'12"	04°49'47"	14°15'22"	0.002
20/04/2019 00:00:00	♒	03°28'56"	♒	-01°03'44"	-02°39'56"	01°18'54"	0.991
20/04/2019 00:00:00	♓	29°11'03"	♓	-01°42'40"	-01°30'41"	01°12'37"	1.386
20/04/2019 00:00:00	♈	13°00'06"	♈	23°22'25"	01°01'36"	00°39'17"	2.162
20/04/2019 00:00:00	♉	24°12'55"	♉r	-22°40'32"	00°38'03"	-00°01'43"	4.671
20/04/2019 00:00:00	♊	20°26'09"	♊	-21°29'15"	00°23'55"	00°00'59"	9.845

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20/04/2019 00:00:00	♃	02°21'28" ♉	11°49'55"	-00°29'16"	00°03'26"	20.853
20/04/2019 00:00:00	♃	17°42'51" ♉	-05°45'13"	-00°58'34"	00°01'48"	30.677
20/04/2019 00:00:00	♃	23°08'46" ♉	-21°43'28"	-00°16'38"	00°00'08"	33.654
20/04/2019 00:00:00	♃	21°15'35" ♉	21°45'22"	00°00'00"	-00°11'23"	0.002
20/04/2019 00:00:00	♃	03°28'16" ♉	04°11'11"	03°03'31"	00°03'15"	19.670
20/04/2019 00:00:00	♃	28°27'53" ♉	-14°53'28"	-03°04'41"	00°06'40"	0.003
20/04/2019 00:00:00	T♃	21°15'35" ♉	21°45'22"	00°00'00"	-00°11'23"	0.002
20/04/2019 00:00:00	T♃	17°20'34" ♉	-08°49'48"	-04°09'42"	-02°06'17"	0.003
20/04/2019 00:00:00	X	23°42'30" ♉	-01°44'32"	-11°45'28"	00°00'39"	97.040
20/04/2019 00:00:00	Y	26°46'37" ♉	07°56'29"	-11°47'37"	00°00'42"	85.704
21/04/2019 00:00:00	♃	00°36'47" ♉	11°41'07"	00°00'00"	00°58'33"	1.005
21/04/2019 00:00:00	♃	20°50'25" ♉	-13°45'17"	04°21'31"	13°53'16"	0.003
21/04/2019 00:00:00	♃	04°48'52" ♉	-00°33'43"	-02°41'44"	01°20'57"	1.005
21/04/2019 00:00:00	♃	00°23'40" ♉	-01°14'50"	-01°31'50"	01°12'38"	1.391
21/04/2019 00:00:00	♃	13°39'22" ♉	23°27'35" ♀	01°01'53"	00°39'15"	2.170
21/04/2019 00:00:00	♃	24°11'06" ♉	-22°40'28"	00°38'03"	-00°01'54"	4.658
21/04/2019 00:00:00	♃	20°27'05" ♉	-21°29'08"	00°23'52"	00°00'53"	9.829
21/04/2019 00:00:00	♃	02°24'54" ♉	11°51'06"	-00°29'16"	00°03'26"	20.853
21/04/2019 00:00:00	♃	17°44'39" ♉	-05°44'32"	-00°58'36"	00°01'47"	30.665

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21/04/2019 00:00:00	♁	23°08'53" ♁	-21°43'33"	-00°16'44"	00°00'06"	33.638
21/04/2019 00:00:00	♁	21°04'50" ♁	21°47'01"	00°00'00"	-00°09'55"	0.002
21/04/2019 00:00:00	♁	03°31'30" ♁	04°12'29"	03°03'32"	00°03'14"	19.663
21/04/2019 00:00:00	♁	28°34'34" ♁	-14°51'48"	-03°05'23"	00°06'40"	0.003
21/04/2019 00:00:00	♁	21°04'50" ♁	21°47'01"	00°00'00"	-00°09'55"	0.002
21/04/2019 00:00:00	♁	14°53'33" ♁	-09°41'10"	-04°03'11"	-02°47'19"	0.003
21/04/2019 00:00:00	X	23°43'10" ♁	-01°44'17"	-11°45'27"	00°00'39"	97.038
21/04/2019 00:00:00	Y	26°47'20" ♁	07°56'42"	-11°47'33"	00°00'43"	85.711
22/04/2019 00:00:00	♁	01°35'19" ♁	12°01'29"	00°00'00"	00°58'31"	1.005
22/04/2019 00:00:00	♁	04°31'14" ♁	-17°27'21"	03°38'44"	13°28'05"	0.003
22/04/2019 00:00:00	♁	06°10'50" ♁	-00°02'27"	-02°42'59"	01°22'57"	1.020
22/04/2019 00:00:00	♁	01°36'19" ♁	-00°46'57"	-01°32'55"	01°12'39"	1.397
22/04/2019 00:00:00	♁	14°18'38" ♁	23°32'33" ♁	01°02'09"	00°39'14"	2.177
22/04/2019 00:00:00	♁	24°09'05" ♁	-22°40'23"	00°38'02"	-00°02'05"	4.645
22/04/2019 00:00:00	♁	20°27'56" ♁	-21°29'03"	00°23'50"	00°00'47"	9.812
22/04/2019 00:00:00	♁	02°28'21" ♁	11°52'17"	-00°29'15"	00°03'26"	20.854
22/04/2019 00:00:00	♁	17°46'26" ♁	-05°43'52"	-00°58'38"	00°01'45"	30.654
22/04/2019 00:00:00	♁	23°08'59" ♁	-21°43'38"	-00°16'50"	00°00'04"	33.622
22/04/2019 00:00:00	♁	20°56'01" ♁	21°48'22"	00°00'00"	-00°07'36"	0.002

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22/04/2019 00:00:00	♄	03°34'44" ♀	04°13'47"	03°03'33"	00°03'13"	19.655
22/04/2019 00:00:00	♁	28°41'14" ♀	-14°50'07"	-03°06'06"	00°06'40"	0.003
22/04/2019 00:00:00	♄♁	20°56'01" ♀	21°48'22"	00°00'00"	-00°07'36"	0.002
22/04/2019 00:00:00	♄♁	11°49'52" ♀	-10°43'55"	-03°54'18"	-03°16'35"	0.003
22/04/2019 00:00:00	X	23°43'49" ♀	-01°44'01"	-11°45'26"	00°00'39"	97.036
22/04/2019 00:00:00	Y	26°48'04" ♀	07°56'55"	-11°47'29"	00°00'43"	85.718
23/04/2019 00:00:00	♁	02°33'50" ♀	12°21'39"	00°00'00"	00°58'29"	1.005
23/04/2019 00:00:00	♃	17°46'28" ♀	-20°07'55"	02°45'10"	13°02'29"	0.003
23/04/2019 00:00:00	♁	07°34'47" ♀	00°30'01"	-02°43'41"	01°24'55"	1.035
23/04/2019 00:00:00	♁	02°48'59" ♀	-00°19'01"	-01°33'56"	01°12'40"	1.402
23/04/2019 00:00:00	♂	14°57'52" ♀	23°37'20"	01°02'26"	00°39'13"	2.184
23/04/2019 00:00:00	♃	24°06'54" ♀	-22°40'18"	00°38'02"	-00°02'16"	4.632
23/04/2019 00:00:00	♃	20°28'40" ♀	-21°28'59"	00°23'48"	00°00'41"	9.796
23/04/2019 00:00:00	♁	02°31'48" ♀	11°53'28"	-00°29'16"	00°03'25"	20.854
23/04/2019 00:00:00	♁	17°48'11" ♀	-05°43'13"	-00°58'40"	00°01'44"	30.642
23/04/2019 00:00:00	♁	23°09'03" ♀	-21°43'43"	-00°16'56"	00°00'03"	33.606
23/04/2019 00:00:00	♁	20°49'44" ♀	21°49'20"	00°00'00"	-00°04'56"	0.002
23/04/2019 00:00:00	♄	03°37'57" ♀	04°15'04"	03°03'33"	00°03'11"	19.648
23/04/2019 00:00:00	♁	28°47'55" ♀	-14°48'26"	-03°06'48"	00°06'40"	0.003

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23/04/2019 00:00:00	T♄	20°49'44" ♉	21°49'20"	00°00'00"	-00°04'56"	0.002
23/04/2019 00:00:00	T♄	08°29'10" ♉	-11°50'29"	-03°43'41"	-03°19'55"	0.003
23/04/2019 00:00:00	X	23°44'28" ♉	-01°43'47"	-11°45'25"	00°00'39"	97.034
23/04/2019 00:00:00	Y	26°48'48" ♉	07°57'08"	-11°47'26"	00°00'43"	85.724
24/04/2019 00:00:00	☉	03°32'19" ♉	12°41'38"	00°00'00"	00°58'28"	1.006
24/04/2019 00:00:00	☾	00°36'52" ♉	-21°41'27"	01°44'36"	12°38'47"	0.003
24/04/2019 00:00:00	♁	09°00'41" ♉	01°03'39"	-02°43'49"	01°26'50"	1.049
24/04/2019 00:00:00	♂	04°01'39" ♉	00°08'58"	-01°34'51"	01°12'41"	1.408
24/04/2019 00:00:00	♂	15°37'04" ♉	23°41'55" ○	01°02'42"	00°39'12"	2.191
24/04/2019 00:00:00	♃	24°04'32" ♉	-22°40'12"	00°38'01"	-00°02'27"	4.619
24/04/2019 00:00:00	♃	20°29'19" ♉	-21°28'55"	00°23'45"	00°00'35"	9.780
24/04/2019 00:00:00	♃	02°35'14" ♉	11°54'40"	-00°29'14"	00°03'27"	20.854
24/04/2019 00:00:00	♃	17°49'55" ♉	-05°42'34"	-00°58'42"	00°01'43"	30.630
24/04/2019 00:00:00	♃	23°09'05" ♉	-21°43'49"	-00°17'02"	00°00'01"	33.590
24/04/2019 00:00:00	♄	20°46'03" ♉	21°49'54"	00°00'00"	-00°02'28"	0.002
24/04/2019 00:00:00	♄	03°41'08" ♉	04°16'21"	03°03'34"	00°03'10"	19.640
24/04/2019 00:00:00	♄	28°54'35" ♉	-14°46'44"	-03°07'30"	00°06'40"	0.003
24/04/2019 00:00:00	T♄	20°46'03" ♉	21°49'54"	00°00'00"	-00°02'28"	0.002
24/04/2019 00:00:00	T♄	05°19'22" ♉	-12°51'20"	-03°32'48"	-02°55'42"	0.003



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24/04/2019 00:00:00	X	23°45'07" ♀	-01°43'32"	-11°45'24"	00°00'39"	97.031
24/04/2019 00:00:00	Y	26°49'32" ♂	07°57'21"	-11°47'22"	00°00'44"	85.731
25/04/2019 00:00:00	☉	04°30'46" ♂	13°01'23"	00°00'00"	00°58'26"	1.006
25/04/2019 00:00:00	☾	13°05'15" ♀	-22°07'12"	00°40'31"	12°18'43"	0.003
25/04/2019 00:00:00	♁	10°28'28" ♀	01°38'25"	-02°43'24"	01°28'44"	1.064
25/04/2019 00:00:00	♂	05°14'21" ♀	00°36'59"	-01°35'42"	01°12'41"	1.413
25/04/2019 00:00:00	♂	16°16'16" ♀	23°46'19"	01°02'57"	00°39'10"	2.198
25/04/2019 00:00:00	♃	24°01'59" ♀	-22°40'06"	00°38'00"	-00°02'38"	4.606
25/04/2019 00:00:00	♄	20°29'52" ♀	-21°28'53"	00°23'43"	00°00'29"	9.763
25/04/2019 00:00:00	♅	02°38'41" ♂	11°55'51"	-00°29'14"	00°03'26"	20.854
25/04/2019 00:00:00	♆	17°51'38" ♀	-05°41'55"	-00°58'44"	00°01'42"	30.618
25/04/2019 00:00:00	♇	23°09'06" ♀	-21°43'55"	-00°17'09"	-00°00'00"	33.573
25/04/2019 00:00:00	♈	20°44'33" ♀	21°50'07"	00°00'00"	-00°00'39"	0.002
25/04/2019 00:00:00	♉	03°44'17" ♀	04°17'38"	03°03'36"	00°03'09"	19.632
25/04/2019 00:00:00	♊	29°01'16" ♀	-14°45'03"	-03°08'13"	00°06'40"	0.003
25/04/2019 00:00:00	T♈	20°44'33" ♀	21°50'07"	00°00'00"	-00°00'39"	0.002
25/04/2019 00:00:00	T♉	02°43'17" ♀	-13°39'40"	-03°23'15"	-02°14'59"	0.003
25/04/2019 00:00:00	X	23°45'46" ♀	-01°43'17"	-11°45'23"	00°00'38"	97.028
25/04/2019 00:00:00	Y	26°50'16" ♂	07°57'34"	-11°47'19"	00°00'44"	85.737

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26/04/2019 00:00:00	☉	05°29'12" ♉	13°20'56"	-00°00'00"	00°58'24"	1.006
26/04/2019 00:00:00	☾	25°15'54" ♉	-21°28'26"	-00°24'01"	12°03'25"	0.003
26/04/2019 00:00:00	♁	11°58'09" ♉	02°14'16"	-02°42'27"	01°30'36"	1.078
26/04/2019 00:00:00	♂	06°27'03" ♉	01°05'02"	-01°36'29"	01°12'42"	1.419
26/04/2019 00:00:00	♂	16°55'26" ♉	23°50'31" ♁	01°03'13"	00°39'09"	2.205
26/04/2019 00:00:00	♃	23°59'15" ♉	-22°40'00"	00°37'59"	-00°02'49"	4.594
26/04/2019 00:00:00	♄	20°30'19" ♉	-21°28'51"	00°23'40"	00°00'23"	9.747
26/04/2019 00:00:00	♅	02°42'08" ♉	11°57'02"	-00°29'14"	00°03'26"	20.853
26/04/2019 00:00:00	♆	17°53'19" ♉	-05°41'18"	-00°58'46"	00°01'40"	30.606
26/04/2019 00:00:00	♇	23°09'05" ♉	-21°44'01"	-00°17'15"	-00°00'02"	33.557
26/04/2019 00:00:00	♈	20°44'25" ♉	21°50'08"	00°00'00"	00°00'11"	0.002
26/04/2019 00:00:00	♉	03°47'26" ♉	04°18'54"	03°03'37"	00°03'07"	19.624
26/04/2019 00:00:00	♊	29°07'56" ♉	-14°43'21"	-03°08'55"	00°06'40"	0.003
26/04/2019 00:00:00	♋	20°44'25" ♉	21°50'08"	00°00'00"	00°00'11"	0.002
26/04/2019 00:00:00	♌	00°49'46" ♉	-14°13'44"	-03°15'55"	-01°32'58"	0.003
26/04/2019 00:00:00	♍	23°46'25" ♉	-01°43'03"	-11°45'22"	00°00'38"	97.025
26/04/2019 00:00:00	♎	26°51'01" ♉	07°57'47"	-11°47'15"	00°00'44"	85.742
27/04/2019 00:00:00	☉	06°27'36" ♉	13°40'16"	-00°00'00"	00°58'23"	1.006
27/04/2019 00:00:00	☾	07°13'53" ♉	-19°51'17"	-01°26'27"	11°53'26"	0.003

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27/04/2019 00:00:00	♀	13°29'41" ♀	02°51'10"	-02°40'57"	01°32'27"	1.093
27/04/2019 00:00:00	♀	07°39'46" ♀	01°33'05"	-01°37'11"	01°12'43"	1.424
27/04/2019 00:00:00	♂	17°34'36" ♀	23°54'31" ♀	01°03'28"	00°39'08"	2.212
27/04/2019 00:00:00	♂	23°56'21" ♀	-22°39'53"	00°37'58"	-00°02'59"	4.582
27/04/2019 00:00:00	♂	20°30'40" ♀	-21°28'51"	00°23'38"	00°00'18"	9.731
27/04/2019 00:00:00	♂	02°45'35" ♀	11°58'13"	-00°29'13"	00°03'26"	20.853
27/04/2019 00:00:00	♂	17°54'59" ♀	-05°40'40"	-00°58'48"	00°01'39"	30.593
27/04/2019 00:00:00	♂	23°09'01" ♀	-21°44'08"	-00°17'21"	-00°00'03"	33.541
27/04/2019 00:00:00	♂	20°44'35" ♀	21°50'07"	00°00'00"	-00°00'02"	0.002
27/04/2019 00:00:00	♂	03°50'33" ♀	04°20'09"	03°03'38"	00°03'06"	19.615
27/04/2019 00:00:00	♂	29°14'37" ♀	-14°41'39"	-03°09'37"	00°06'40"	0.003
27/04/2019 00:00:00	T♂	20°44'35" ♀	21°50'07"	00°00'00"	-00°00'02"	0.002
27/04/2019 00:00:00	T♂	29°33'46" ♀	-14°35'59"	-03°10'47"	-01°01'29"	0.003
27/04/2019 00:00:00	X	23°47'04" ♀	-01°42'48"	-11°45'22"	00°00'38"	97.022
27/04/2019 00:00:00	Y	26°51'46" ♀	07°58'00"	-11°47'12"	00°00'45"	85.748
28/04/2019 00:00:00	♂	07°25'58" ♀	13°59'22"	-00°00'00"	00°58'21"	1.007
28/04/2019 00:00:00	♂	19°04'38" ♀	-17°23'18"	-02°24'30"	11°48'56"	0.003
28/04/2019 00:00:00	♀	15°03'04" ♀	03°29'03"	-02°38'54"	01°34'18"	1.107
28/04/2019 00:00:00	♀	08°52'30" ♀	02°01'09"	-01°37'48"	01°12'44"	1.430

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28/04/2019 00:00:00	♂	18°13'44" ♀	23°58'20" ♀	01°03'42"	00°39'07"	2.219
28/04/2019 00:00:00	♃	23°53'16" ♂	-22°39'45"	00°37'57"	-00°03'10"	4.570
28/04/2019 00:00:00	♅	20°30'55" ♂	-21°28'51"	00°23'35"	00°00'12"	9.715
28/04/2019 00:00:00	♁	02°49'01" ♂	11°59'24"	-00°29'13"	00°03'26"	20.852
28/04/2019 00:00:00	♆	17°56'38" ♀	-05°40'04"	-00°58'50"	00°01'37"	30.581
28/04/2019 00:00:00	♄	23°08'57" ♂	-21°44'14"	-00°17'27"	-00°00'05"	33.525
28/04/2019 00:00:00	♁	20°43'58" ♂	21°50'12"	00°00'00"	-00°01'19"	0.002
28/04/2019 00:00:00	♃	03°53'38" ♂	04°21'24"	03°03'40"	00°03'04"	19.606
28/04/2019 00:00:00	♁	29°21'17" ♀	-14°39'57"	-03°10'18"	00°06'40"	0.003
28/04/2019 00:00:00	♁♁	20°43'58" ♂	21°50'12"	00°00'00"	-00°01'19"	0.002
28/04/2019 00:00:00	♁♃	28°41'12" ♀	-14°51'04"	-03°07'07"	-00°46'36"	0.003
28/04/2019 00:00:00	X	23°47'42" ♂	-01°42'34"	-11°45'21"	00°00'38"	97.018
28/04/2019 00:00:00	Y	26°52'31" ♂	07°58'12"	-11°47'09"	00°00'45"	85.753
29/04/2019 00:00:00	♁	08°24'19" ♂	14°18'15"	-00°00'00"	00°58'20"	1.007
29/04/2019 00:00:00	♃	00°53'31" ♀	-14°12'37"	-03°16'09"	11°49'40"	0.003
29/04/2019 00:00:00	♃	16°38'17" ♂	04°07'55"	-02°36'19"	01°36'07"	1.121
29/04/2019 00:00:00	♀	10°05'15" ♂	02°29'12"	-01°38'21"	01°12'45"	1.435
29/04/2019 00:00:00	♂	18°52'50" ♀	24°01'57" ♀	01°03'57"	00°39'06"	2.226
29/04/2019 00:00:00	♃	23°50'00" ♂	-22°39'38"	00°37'56"	-00°03'20"	4.558

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29/04/2019 00:00:00	♃	20°31'04" ♉	-21°28'52"	00°23'33"	00°00'06"	9.699
29/04/2019 00:00:00	♃	02°52'27" ♉	12°00'34"	-00°29'13"	00°03'26"	20.850
29/04/2019 00:00:00	♃	17°58'15" ♉	-05°39'28"	-00°58'52"	00°01'36"	30.568
29/04/2019 00:00:00	♃	23°08'50" ♉	-21°44'22"	-00°17'33"	-00°00'07"	33.510
29/04/2019 00:00:00	♃	20°41'40" ♉	21°50'33"	00°00'00"	-00°03'24"	0.002
29/04/2019 00:00:00	♃	03°56'42" ♉	04°22'39"	03°03'41"	00°03'03"	19.597
29/04/2019 00:00:00	♃	29°27'57" ♉	-14°38'15"	-03°11'00"	00°06'40"	0.003
29/04/2019 00:00:00	♃	20°41'40" ♉	21°50'33"	00°00'00"	-00°03'24"	0.002
29/04/2019 00:00:00	♃	27°54'37" ♉	-15°04'18"	-03°03'50"	-00°49'20"	0.003
29/04/2019 00:00:00	X	23°48'21" ♉	-01°42'20"	-11°45'21"	00°00'38"	97.014
29/04/2019 00:00:00	Y	26°53'16" ♉	07°58'25"	-11°47'06"	00°00'45"	85.758
30/04/2019 00:00:00	♃	09°22'38" ♉	14°36'54"	-00°00'00"	00°58'18"	1.007
30/04/2019 00:00:00	♃	12°45'32" ♉	-10°27'19"	-03°59'31"	11°55'06"	0.003
30/04/2019 00:00:00	♃	18°15'19" ♉	04°47'41"	-02°33'12"	01°37'57"	1.135
30/04/2019 00:00:00	♃	11°18'00" ♉	02°57'13"	-01°38'49"	01°12'45"	1.440
30/04/2019 00:00:00	♃	19°31'56" ♉	24°05'23"	01°04'11"	00°39'05"	2.232
30/04/2019 00:00:00	♃	23°46'34" ♉	-22°39'29"	00°37'55"	-00°03'31"	4.547
30/04/2019 00:00:00	♃	20°31'07" ♉	-21°28'54"	00°23'30"	00°00'00"	9.683
30/04/2019 00:00:00	♃	02°55'53" ♉	12°01'45"	-00°29'12"	00°03'25"	20.849

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30/04/2019 00:00:00	♁	17°59'51" ♈	-05°38'52"	-00°58'54"	00°01'34"	30.555
30/04/2019 00:00:00	♁	23°08'42" ♈	-21°44'29"	-00°17'39"	-00°00'09"	33.494
30/04/2019 00:00:00	♁	20°37'01" ♈	21°51'16"	00°00'00"	-00°05'54"	0.002
30/04/2019 00:00:00	♁	03°59'44" ♈	04°23'53"	03°03'43"	00°03'01"	19.588
30/04/2019 00:00:00	♁	29°34'38" ♈	-14°36'32"	-03°11'42"	00°06'40"	0.003
30/04/2019 00:00:00	♁	20°37'01" ♈	21°51'16"	00°00'00"	-00°05'54"	0.002
30/04/2019 00:00:00	♁	26°57'47" ♈	-15°20'20"	-02°59'55"	-01°06'07"	0.003
30/04/2019 00:00:00	X	23°48'59" ♈	-01°42'06"	-11°45'21"	00°00'38"	97.010
30/04/2019 00:00:00	Y	26°54'02" ♈	07°58'38"	-11°47'03"	00°00'45"	85.762
01/05/2019 00:00:00	♁	10°20'56" ♈	14°55'18"	-00°00'00"	00°58'16"	1.007
01/05/2019 00:00:00	♁	24°45'03" ♈	-06°15'26"	-04°32'46"	12°04'30"	0.003
01/05/2019 00:00:00	♁	19°54'11" ♈	05°28'20"	-02°29'33"	01°39'46"	1.149
01/05/2019 00:00:00	♁	12°30'46" ♈	03°25'13"	-01°39'12"	01°12'46"	1.445
01/05/2019 00:00:00	♁	20°11'01" ♈	24°08'36" ○	01°04'25"	00°39'03"	2.239
01/05/2019 00:00:00	♁	23°42'57" ♈	-22°39'21"	00°37'53"	-00°03'41"	4.535
01/05/2019 00:00:00	♁	20°31'04" ♈	-21°28'57"	00°23'28"	-00°00'05"	9.667
01/05/2019 00:00:00	♁	02°59'19" ♈	12°02'55"	-00°29'12"	00°03'25"	20.847
01/05/2019 00:00:00	♁	18°01'25" ♈	-05°38'17"	-00°58'56"	00°01'33"	30.542
01/05/2019 00:00:00	♁	23°08'31" ♈	-21°44'37"	-00°17'45"	-00°00'11"	33.478

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01/05/2019 00:00:00	♏	20°29'50"	♌	21°52'20"	00°00'00"	-00°08'25"	0.002
01/05/2019 00:00:00	♎	04°02'45"	♏	04°25'06"	03°03'45"	00°02'59"	19.579
01/05/2019 00:00:00	♏	29°41'18"	♏	-14°34'49"	-03°12'24"	00°06'40"	0.003
01/05/2019 00:00:00	T♏	20°29'50"	♌	21°52'20"	00°00'00"	-00°08'25"	0.002
01/05/2019 00:00:00	T♏	25°40'33"	♏	-15°41'55"	-02°54'41"	-01°28'12"	0.003
01/05/2019 00:00:00	X	23°49'37"	♏	-01°41'53"	-11°45'21"	00°00'37"	97.005
01/05/2019 00:00:00	Y	26°54'48"	♏	07°58'50"	-11°47'00"	00°00'45"	85.767
02/05/2019 00:00:00	♏	11°19'12"	♏	15°13'27"	-00°00'00"	00°58'15"	1.008
02/05/2019 00:00:00	♏	06°55'32"	♏	-01°45'20"	-04°54'11"	12°16'51"	0.003
02/05/2019 00:00:00	♏	21°34'52"	♏	06°09'49"	-02°25'23"	01°41'35"	1.163
02/05/2019 00:00:00	♏	13°43'33"	♏	03°53'10"	-01°39'31"	01°12'46"	1.451
02/05/2019 00:00:00	♏	20°50'04"	♏	24°11'38"	01°04'38"	00°39'02"	2.246
02/05/2019 00:00:00	♏	23°39'11"	♏	-22°39'11"	00°37'52"	-00°03'51"	4.524
02/05/2019 00:00:00	♏	20°30'56"	♏	-21°29'01"	00°23'25"	-00°00'11"	9.652
02/05/2019 00:00:00	♏	03°02'44"	♏	12°04'06"	-00°29'12"	00°03'25"	20.845
02/05/2019 00:00:00	♏	18°02'58"	♏	-05°37'43"	-00°58'58"	00°01'31"	30.528
02/05/2019 00:00:00	♏	23°08'19"	♏	-21°44'45"	-00°17'52"	-00°00'12"	33.463
02/05/2019 00:00:00	♏	20°20'20"	♌	21°53'46"	00°00'00"	-00°10'28"	0.002
02/05/2019 00:00:00	♏	04°05'44"	♏	04°26'19"	03°03'47"	00°02'58"	19.569

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02/05/2019 00:00:00	☾	29°47'59" ♁	-14°33'06"	-03°13'05"	00°06'40"	0.003
02/05/2019 00:00:00	♁	20°20'20" ♁	21°53'46"	00°00'00"	-00°10'28"	0.002
02/05/2019 00:00:00	♁	24°04'13" ♁	-16°08'22"	-02°48'13"	-01°41'39"	0.003
02/05/2019 00:00:00	X	23°50'15" ♁	-01°41'39"	-11°45'21"	00°00'37"	97.000
02/05/2019 00:00:00	Y	26°55'34" ♁	07°59'02"	-11°46'58"	00°00'46"	85.771
03/05/2019 00:00:00	☉	12°17'26" ♁	15°31'22"	-00°00'00"	00°58'13"	1.008
03/05/2019 00:00:00	☾	19°19'23" ♁	02°53'47"	-05°02'14"	12°31'03"	0.003
03/05/2019 00:00:00	♁	23°17'22" ♁	06°52'04"	-02°20'41"	01°43'25"	1.176
03/05/2019 00:00:00	♀	14°56'20" ♁	04°21'03"	-01°39'45"	01°12'47"	1.456
03/05/2019 00:00:00	♂	21°29'06" ♁	24°14'28" ♁	01°04'52"	00°39'01"	2.253
03/05/2019 00:00:00	♁	23°35'14" ♁	-22°39'02"	00°37'50"	-00°04'01"	4.513
03/05/2019 00:00:00	♁	20°30'41" ♁	-21°29'06"	00°23'23"	-00°00'17"	9.636
03/05/2019 00:00:00	♁	03°06'09" ♁	12°05'16"	-00°29'12"	00°03'24"	20.842
03/05/2019 00:00:00	♁	18°04'29" ♁	-05°37'09"	-00°59'00"	00°01'30"	30.515
03/05/2019 00:00:00	♁	23°08'06" ♁	-21°44'53"	-00°17'58"	-00°00'14"	33.447
03/05/2019 00:00:00	♁	20°09'11" ♁	21°55'25"	00°00'00"	-00°11'41"	0.002
03/05/2019 00:00:00	♁	04°08'41" ♁	04°27'32"	03°03'49"	00°02'56"	19.559
03/05/2019 00:00:00	☾	29°54'39" ♁	-14°31'23"	-03°13'46"	00°06'40"	0.003
03/05/2019 00:00:00	♁	20°09'11" ♁	21°55'25"	00°00'00"	-00°11'41"	0.002



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03/05/2019 00:00:00	T♄	22°25'21" ♊	-16°35'00"	-02°41'41"	-01°30'54"	0.003
03/05/2019 00:00:00	X	23°50'52" ♏	-01°41'26"	-11°45'21"	00°00'37"	96.995
03/05/2019 00:00:00	Y	26°56'20" ♏	07°59'15"	-11°46'55"	00°00'46"	85.775
04/05/2019 00:00:00	☉	13°15'39" ♏	15°49'01"	-00°00'00"	00°58'11"	1.008
04/05/2019 00:00:00	☾	01°57'53" ♏	07°31'23"	-04°55'47"	12°45'57"	0.003
04/05/2019 00:00:00	♁	25°01'42" ♏	07°35'02"	-02°15'29"	01°45'14"	1.190
04/05/2019 00:00:00	♂	16°09'08" ♏	04°48'52"	-01°39'55"	01°12'48"	1.461
04/05/2019 00:00:00	♂	22°08'08" ♏	24°17'07" ♏	01°05'05"	00°39'00"	2.259
04/05/2019 00:00:00	♃	23°31'07" ♏	-22°38'51"	00°37'48"	-00°04'11"	4.502
04/05/2019 00:00:00	♄	20°30'21" ♏	-21°29'11"	00°23'20"	-00°00'23"	9.621
04/05/2019 00:00:00	♅	03°09'34" ♏	12°06'26"	-00°29'12"	00°03'24"	20.839
04/05/2019 00:00:00	♆	18°05'59" ♏	-05°36'36"	-00°59'02"	00°01'29"	30.501
04/05/2019 00:00:00	♇	23°07'50" ♏	-21°45'02"	-00°18'04"	-00°00'16"	33.432
04/05/2019 00:00:00	♈	19°57'20" ♏	21°57'09"	00°00'00"	-00°11'49"	0.002
04/05/2019 00:00:00	♉	04°11'37" ♏	04°28'44"	03°03'51"	00°02'54"	19.549
04/05/2019 00:00:00	♊	00°01'20" ♏	-14°29'39"	-03°14'28"	00°06'40"	0.003
04/05/2019 00:00:00	T♈	19°57'20" ♏	21°57'09"	00°00'00"	-00°11'49"	0.002
04/05/2019 00:00:00	T♄	21°13'40" ♏	-16°54'12"	-02°37'15"	-00°46'47"	0.003
04/05/2019 00:00:00	X	23°51'30" ♏	-01°41'13"	-11°45'21"	00°00'37"	96.990

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04/05/2019 00:00:00	Y	26°57'06" ♄	07°59'27"	-11°46'53"	00°00'46"	85.778
05/05/2019 00:00:00	☉	14°13'50" ♄	16°06'24"	-00°00'00"	00°58'10"	1.008
05/05/2019 00:00:00	☾	14°51'11" ♄	11°55'00"	-04°34'16"	13°00'31"	0.003
05/05/2019 00:00:00	♀	26°47'52" ♀	08°18'40"	-02°09'47"	01°47'04"	1.203
05/05/2019 00:00:00	♀	17°21'57" ♀	05°16'37"	-01°40'00"	01°12'48"	1.466
05/05/2019 00:00:00	♂	22°47'08" ♃	24°19'33" ☉	01°05'18"	00°38'59"	2.266
05/05/2019 00:00:00	♃	23°26'50" ♄	-22°38'41"	00°37'47"	-00°04'21"	4.492
05/05/2019 00:00:00	♃	20°29'55" ♄	-21°29'18"	00°23'17"	-00°00'29"	9.605
05/05/2019 00:00:00	♃	03°12'58" ♄	12°07'35"	-00°29'11"	00°03'23"	20.836
05/05/2019 00:00:00	♃	18°07'27" ♃	-05°36'03"	-00°59'04"	00°01'27"	30.487
05/05/2019 00:00:00	♃	23°07'33" ♄	-21°45'11"	-00°18'10"	-00°00'17"	33.416
05/05/2019 00:00:00	♃	19°45'54" ♄	21°58'49"	00°00'00"	-00°10'51"	0.002
05/05/2019 00:00:00	♃	04°14'31" ♀	04°29'55"	03°03'54"	00°02'53"	19.539
05/05/2019 00:00:00	♃	00°08'00" ♃	-14°27'55"	-03°15'09"	00°06'40"	0.003
05/05/2019 00:00:00	T♃	19°45'54" ♄	21°58'49"	00°00'00"	-00°10'51"	0.002
05/05/2019 00:00:00	T♃	21°01'47" ♃	-16°58'11"	-02°37'24"	00°26'56"	0.003
05/05/2019 00:00:00	X	23°52'07" ♀	-01°41'00"	-11°45'22"	00°00'37"	96.984
05/05/2019 00:00:00	Y	26°57'53" ♄	07°59'39"	-11°46'51"	00°00'46"	85.781
06/05/2019 00:00:00	☉	15°12'00" ♄	16°23'31"	-00°00'00"	00°58'08"	1.009

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06/05/2019 00:00:00	♃	27°58'32" ♄	15°50'19"	-03°57'58"	13°13'56"	0.003
06/05/2019 00:00:00	♆	28°35'52" ♀	09°02'54"	-02°03'35"	01°48'55"	1.215
06/05/2019 00:00:00	♁	18°34'45" ♀	05°44'16"	-01°40'01"	01°12'49"	1.471
06/05/2019 00:00:00	♂	23°26'07" ♃	24°21'48" ♁	01°05'30"	00°38'58"	2.272
06/05/2019 00:00:00	♃	23°22'24" ♄	-22°38'29"	00°37'45"	-00°04'30"	4.481
06/05/2019 00:00:00	♃	20°29'23" ♄	-21°29'25"	00°23'15"	-00°00'34"	9.590
06/05/2019 00:00:00	♃	03°16'22" ♄	12°08'45"	-00°29'11"	00°03'23"	20.833
06/05/2019 00:00:00	♃	18°08'54" ♃	-05°35'31"	-00°59'06"	00°01'25"	30.473
06/05/2019 00:00:00	♃	23°07'15" ♄	-21°45'20"	-00°18'16"	-00°00'19"	33.401
06/05/2019 00:00:00	♁	19°35'57" ♃	22°00'16"	00°00'00"	-00°08'55"	0.002
06/05/2019 00:00:00	♃	04°17'23" ♀	04°31'06"	03°03'56"	00°02'51"	19.528
06/05/2019 00:00:00	♃	00°14'41" ♃	-14°26'11"	-03°15'50"	00°06'40"	0.003
06/05/2019 00:00:00	♁	19°35'57" ♃	22°00'16"	00°00'00"	-00°08'55"	0.002
06/05/2019 00:00:00	♃	22°12'28" ♃	-16°41'09"	-02°43'43"	01°55'20"	0.003
06/05/2019 00:00:00	X	23°52'45" ♀	-01°40'48"	-11°45'22"	00°00'37"	96.978
06/05/2019 00:00:00	Y	26°58'40" ♄	07°59'51"	-11°46'49"	00°00'46"	85.784
07/05/2019 00:00:00	♁	16°10'07" ♄	16°40'22"	-00°00'00"	00°58'06"	1.009
07/05/2019 00:00:00	♃	11°18'33" ♃	19°01'35"	-03°08'05"	13°25'48"	0.003
07/05/2019 00:00:00	♆	00°25'42" ♄	09°47'40"	-01°56'54"	01°50'45"	1.227

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07/05/2019 00:00:00	♀	19°47'35" ♀	06°11'49"	-01°39'57"	01°12'49"	1.476
07/05/2019 00:00:00	♂	24°05'05" ♀	24°23'51" ♀	01°05'42"	00°38'57"	2.279
07/05/2019 00:00:00	♃	23°17'48" ♀	-22°38'18"	00°37'43"	-00°04'40"	4.471
07/05/2019 00:00:00	♄	20°28'45" ♀	-21°29'33"	00°23'12"	-00°00'40"	9.575
07/05/2019 00:00:00	♅	03°19'45" ♀	12°09'54"	-00°29'11"	00°03'23"	20.830
07/05/2019 00:00:00	♆	18°10'19" ♀	-05°35'00"	-00°59'09"	00°01'24"	30.459
07/05/2019 00:00:00	♇	23°06'54" ♀	-21°45'29"	-00°18'22"	-00°00'21"	33.386
07/05/2019 00:00:00	♈	19°28'16" ♀	22°01'22"	00°00'00"	-00°06'21"	0.002
07/05/2019 00:00:00	♉	04°20'13" ♀	04°32'16"	03°03'59"	00°02'49"	19.518
07/05/2019 00:00:00	♊	00°21'21" ♀	-14°24'27"	-03°16'31"	00°06'40"	0.003
07/05/2019 00:00:00	T♈	19°28'16" ♀	22°01'22"	00°00'00"	-00°06'21"	0.002
07/05/2019 00:00:00	T♉	24°51'05" ♀	-16°00'11"	-02°56'16"	03°19'38"	0.003
07/05/2019 00:00:00	X	23°53'22" ♀	-01°40'35"	-11°45'23"	00°00'36"	96.972
07/05/2019 00:00:00	Y	26°59'27" ♀	08°00'03"	-11°46'47"	00°00'47"	85.787
08/05/2019 00:00:00	☉	17°08'14" ♀	16°56'56"	-00°00'00"	00°58'05"	1.009
08/05/2019 00:00:00	☾	24°49'38" ♀	21°13'16"	-02°06'54"	13°36'06"	0.003
08/05/2019 00:00:00	♁	02°17'23" ♀	10°32'54"	-01°49'45"	01°52'35"	1.239
08/05/2019 00:00:00	♀	21°00'24" ♀	06°39'15"	-01°39'49"	01°12'49"	1.481
08/05/2019 00:00:00	♂	24°44'02" ♀	24°25'43" ♀	01°05'54"	00°38'56"	2.285

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08/05/2019 00:00:00	♃	23°13'04"	♌	-22°38'05"	00°37'40"	-00°04'49"	4.462
08/05/2019 00:00:00	♅	20°28'01"	♌	-21°29'42"	00°23'09"	-00°00'46"	9.560
08/05/2019 00:00:00	♆	03°23'08"	♌	12°11'03"	-00°29'11"	00°03'22"	20.826
08/05/2019 00:00:00	♁	18°11'43"	♌	-05°34'29"	-00°59'11"	00°01'22"	30.445
08/05/2019 00:00:00	♂	23°06'32"	♌	-21°45'39"	-00°18'29"	-00°00'22"	33.371
08/05/2019 00:00:00	♄	19°23'17"	♌	22°02'04"	00°00'00"	-00°03'38"	0.002
08/05/2019 00:00:00	♃	04°23'02"	♌	04°33'25"	03°04'02"	00°02'47"	19.507
08/05/2019 00:00:00	♁	00°28'02"	♌	-14°22'42"	-03°17'12"	00°06'40"	0.003
08/05/2019 00:00:00	♄	19°23'17"	♌	22°02'04"	00°00'00"	-00°03'38"	0.002
08/05/2019 00:00:00	♁	28°44'25"	♌	-14°55'53"	-03°13'28"	04°22'01"	0.003
08/05/2019 00:00:00	X	23°53'58"	♌	-01°40'23"	-11°45'24"	00°00'36"	96.966
08/05/2019 00:00:00	Y	27°00'14"	♌	08°00'14"	-11°46'45"	00°00'47"	85.790
09/05/2019 00:00:00	♁	18°06'18"	♌	17°13'14"	-00°00'00"	00°58'03"	1.009
09/05/2019 00:00:00	♂	08°30'19"	♌	22°12'19"	-00°57'34"	13°45'06"	0.003
09/05/2019 00:00:00	♁	04°10'53"	♌	11°18'30"	-01°42'09"	01°54'25"	1.250
09/05/2019 00:00:00	♁	22°13'14"	♌	07°06'33"	-01°39'36"	01°12'50"	1.486
09/05/2019 00:00:00	♂	25°22'58"	♌	24°27'22"	01°06'06"	00°38'55"	2.292
09/05/2019 00:00:00	♃	23°08'10"	♌	-22°37'53"	00°37'38"	-00°04'58"	4.452
09/05/2019 00:00:00	♅	20°27'12"	♌	-21°29'53"	00°23'07"	-00°00'52"	9.545

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09/05/2019 00:00:00	♃	03°26'30" ♂	12°12'11"	-00°29'11"	00°03'21"	20.822
09/05/2019 00:00:00	♃	18°13'05" ♀	-05°33'59"	-00°59'13"	00°01'21"	30.430
09/05/2019 00:00:00	♃	23°06'09" ♀	-21°45'49"	-00°18'35"	-00°00'24"	33.356
09/05/2019 00:00:00	♃	19°20'51" ♀	22°02'25"	00°00'00"	-00°01'17"	0.002
09/05/2019 00:00:00	♃	04°25'48" ♀	04°34'34"	03°04'05"	00°02'45"	19.496
09/05/2019 00:00:00	♃	00°34'43" ♀	-14°20'57"	-03°17'53"	00°06'40"	0.003
09/05/2019 00:00:00	♃	19°20'51" ♀	22°02'25"	00°00'00"	-00°01'17"	0.002
09/05/2019 00:00:00	♃	03°22'41" ♀	-13°33'55"	-03°32'29"	04°47'15"	0.003
09/05/2019 00:00:00	X	23°54'35" ♀	-01°40'10"	-11°45'25"	00°00'36"	96.959
09/05/2019 00:00:00	Y	27°01'01" ♂	08°00'26"	-11°46'44"	00°00'47"	85.792
10/05/2019 00:00:00	♃	19°04'20" ♂	17°29'14"	-00°00'00"	00°58'01"	1.010
10/05/2019 00:00:00	♃	22°19'32" ♀	21°50'57"	00°15'58"	13°53'12"	0.002
10/05/2019 00:00:00	♃	06°06'14" ♂	12°04'22"	-01°34'06"	01°56'15"	1.261
10/05/2019 00:00:00	♃	23°26'05" ♀	07°33'44"	-01°39'19"	01°12'50"	1.491
10/05/2019 00:00:00	♃	26°01'53" ♀	24°28'50"	01°06'17"	00°38'54"	2.298
10/05/2019 00:00:00	♃	23°03'07" ♀	-22°37'39"	00°37'36"	-00°05'07"	4.443
10/05/2019 00:00:00	♃	20°26'17" ♀	-21°30'03"	00°23'04"	-00°00'57"	9.530
10/05/2019 00:00:00	♃	03°29'51" ♂	12°13'20"	-00°29'11"	00°03'21"	20.818
10/05/2019 00:00:00	♃	18°14'25" ♀	-05°33'30"	-00°59'15"	00°01'19"	30.416

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10/05/2019 00:00:00	♁	23°05'44" ♄	-21°46'00"	-00°18'41"	-00°00'26"	33.341
10/05/2019 00:00:00	♁	19°20'25" ♃	22°02'29"	00°00'00"	00°00'15"	0.002
10/05/2019 00:00:00	♁	04°28'33" ♃	04°35'42"	03°04'08"	00°02'43"	19.484
10/05/2019 00:00:00	♁	00°41'23" ♃	-14°19'12"	-03°18'34"	00°06'40"	0.003
10/05/2019 00:00:00	♁	19°20'25" ♃	22°02'29"	00°00'00"	00°00'15"	0.002
10/05/2019 00:00:00	♁	08°03'21" ♃	-12°06'07"	-03°50'04"	04°26'15"	0.003
10/05/2019 00:00:00	X	23°55'11" ♃	-01°39'58"	-11°45'26"	00°00'36"	96.952
10/05/2019 00:00:00	Y	27°01'48" ♃	08°00'38"	-11°46'42"	00°00'47"	85.794
11/05/2019 00:00:00	♁	20°02'21" ♃	17°44'56"	00°00'00"	00°57'59"	1.010
11/05/2019 00:00:00	♁	06°16'31" ♃	20°08'35"	01°29'20"	14°00'41"	0.002
11/05/2019 00:00:00	♁	08°03'23" ♃	12°50'26"	-01°25'38"	01°58'02"	1.271
11/05/2019 00:00:00	♁	24°38'56" ♃	08°00'45"	-01°38'58"	01°12'50"	1.496
11/05/2019 00:00:00	♁	26°40'46" ♃	24°30'06"	01°06'28"	00°38'52"	2.305
11/05/2019 00:00:00	♁	22°57'55" ♃	-22°37'26"	00°37'33"	-00°05'15"	4.433
11/05/2019 00:00:00	♁	20°25'16" ♃	-21°30'15"	00°23'01"	-00°01'03"	9.516
11/05/2019 00:00:00	♁	03°33'12" ♃	12°14'28"	-00°29'11"	00°03'20"	20.813
11/05/2019 00:00:00	♁	18°15'44" ♃	-05°33'01"	-00°59'18"	00°01'17"	30.401
11/05/2019 00:00:00	♁	23°05'17" ♃	-21°46'10"	-00°18'47"	-00°00'27"	33.327
11/05/2019 00:00:00	♁	19°21'00" ♃	22°02'24"	00°00'00"	00°00'43"	0.002

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11/05/2019 00:00:00	♄	04°31'16" ♀	04°36'50"	03°04'11"	00°02'41"	19.473
11/05/2019 00:00:00	♁	00°48'04" ♀	-14°17'27"	-03°19'14"	00°06'40"	0.003
11/05/2019 00:00:00	♄♁	19°21'00" ♀	22°02'24"	00°00'00"	00°00'43"	0.002
11/05/2019 00:00:00	♄♁	12°01'29" ♀	-10°48'06"	-04°03'40"	03°24'57"	0.003
11/05/2019 00:00:00	X	23°55'47" ♀	-01°39'47"	-11°45'27"	00°00'35"	96.945
11/05/2019 00:00:00	Y	27°02'36" ♂	08°00'49"	-11°46'41"	00°00'47"	85.795
12/05/2019 00:00:00	♁	21°00'19" ♂	18°00'20"	00°00'00"	00°57'57"	1.010
12/05/2019 00:00:00	♃	20°20'42" ♀	17°11'56"	02°37'58"	14°07'32"	0.002
12/05/2019 00:00:00	♁	10°02'19" ♂	13°36'33"	-01°16'46"	01°59'48"	1.281
12/05/2019 00:00:00	♁	25°51'46" ♀	08°27'37"	-01°38'33"	01°12'51"	1.500
12/05/2019 00:00:00	♂	27°19'38" ♀	24°31'10"	01°06'39"	00°38'51"	2.311
12/05/2019 00:00:00	♃	22°52'35" ♂	-22°37'11"	00°37'30"	-00°05'24"	4.425
12/05/2019 00:00:00	♃	20°24'10" ♂	-21°30'28"	00°22'58"	-00°01'09"	9.501
12/05/2019 00:00:00	♁	03°36'32" ♂	12°15'36"	-00°29'11"	00°03'19"	20.808
12/05/2019 00:00:00	♁	18°17'01" ♀	-05°32'33"	-00°59'20"	00°01'16"	30.386
12/05/2019 00:00:00	♁	23°04'48" ♂	-21°46'21"	-00°18'53"	-00°00'29"	33.312
12/05/2019 00:00:00	♁	19°21'29" ♀	22°02'20"	00°00'00"	00°00'03"	0.002
12/05/2019 00:00:00	♄	04°33'56" ♀	04°37'56"	03°04'14"	00°02'39"	19.461
12/05/2019 00:00:00	♁	00°54'45" ♀	-14°15'41"	-03°19'55"	00°06'40"	0.003



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12/05/2019 00:00:00	T♄	19°21'29" ♉	22°02'20"	00°00'00"	00°00'03"	0.002
12/05/2019 00:00:00	T♄	14°48'46" ♉	-09°51'33"	-04°12'27"	02°10'32"	0.003
12/05/2019 00:00:00	X	23°56'23" ♀	-01°39'35"	-11°45'28"	00°00'35"	96.937
12/05/2019 00:00:00	Y	27°03'23" ♀	08°01'00"	-11°46'40"	00°00'47"	85.797
13/05/2019 00:00:00	♁	21°58'16" ♀	18°15'26"	00°00'00"	00°57'55"	1.010
13/05/2019 00:00:00	♂	04°31'14" ♉	13°13'23"	03°37'26"	14°13'16"	0.002
13/05/2019 00:00:00	♀	12°03'00" ♀	14°22'37"	-01°07'33"	02°01'32"	1.289
13/05/2019 00:00:00	♀	27°04'38" ♀	08°54'18"	-01°38'03"	01°12'51"	1.505
13/05/2019 00:00:00	♂	27°58'29" ♉	24°32'03"	01°06'50"	00°38'50"	2.317
13/05/2019 00:00:00	♃	22°47'06" ♉	-22°36'57"	00°37'27"	-00°05'32"	4.416
13/05/2019 00:00:00	♃	20°22'58" ♉	-21°30'42"	00°22'55"	-00°01'14"	9.487
13/05/2019 00:00:00	♃	03°39'51" ♀	12°16'43"	-00°29'11"	00°03'18"	20.803
13/05/2019 00:00:00	♃	18°18'16" ♉	-05°32'06"	-00°59'22"	00°01'14"	30.371
13/05/2019 00:00:00	♃	23°04'18" ♉	-21°46'32"	-00°18'59"	-00°00'31"	33.298
13/05/2019 00:00:00	♁	19°20'47" ♉	22°02'26"	00°00'00"	-00°01'33"	0.003
13/05/2019 00:00:00	♃	04°36'35" ♀	04°39'02"	03°04'17"	00°02'37"	19.449
13/05/2019 00:00:00	♃	01°01'26" ♉	-14°13'56"	-03°20'35"	00°06'40"	0.003
13/05/2019 00:00:00	T♄	19°20'47" ♉	22°02'26"	00°00'00"	-00°01'33"	0.003
13/05/2019 00:00:00	T♄	16°30'03" ♉	-09°16'39"	-04°17'25"	01°17'44"	0.003

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13/05/2019 00:00:00	X	23°56'59" ♀	-01°39'24"	-11°45'29"	00°00'35"	96.929
13/05/2019 00:00:00	Y	27°04'11" ♂	08°01'12"	-11°46'39"	00°00'47"	85.798
14/05/2019 00:00:00	☉	22°56'10" ♂	18°30'14"	00°00'00"	00°57'53"	1.010
14/05/2019 00:00:00	☾	18°46'36" ♀	08°28'57"	04°23'45"	14°17'00"	0.002
14/05/2019 00:00:00	♁	14°05'22" ♂	15°08'30"	-00°58'00"	02°03'11"	1.297
14/05/2019 00:00:00	♂	28°17'29" ♀	09°20'48"	-01°37'29"	01°12'51"	1.510
14/05/2019 00:00:00	♂	28°37'18" ♀	24°32'43" ○	01°07'00"	00°38'48"	2.323
14/05/2019 00:00:00	♃	22°41'29" ♀	-22°36'41"	00°37'24"	-00°05'40"	4.408
14/05/2019 00:00:00	♄	20°21'40" ♀	-21°30'56"	00°22'52"	-00°01'20"	9.473
14/05/2019 00:00:00	♅	03°43'10" ♂	12°17'50"	-00°29'11"	00°03'17"	20.798
14/05/2019 00:00:00	♆	18°19'30" ♀	-05°31'39"	-00°59'24"	00°01'12"	30.356
14/05/2019 00:00:00	♇	23°03'46" ♀	-21°46'44"	-00°19'06"	-00°00'32"	33.284
14/05/2019 00:00:00	♈	19°18'11" ♀	22°02'48"	00°00'00"	-00°03'42"	0.003
14/05/2019 00:00:00	♉	04°39'11" ♀	04°40'08"	03°04'21"	00°02'35"	19.437
14/05/2019 00:00:00	♊	01°08'06" ♀	-14°12'10"	-03°21'15"	00°06'40"	0.003
14/05/2019 00:00:00	T♈	19°18'11" ♀	22°02'48"	00°00'00"	-00°03'42"	0.003
14/05/2019 00:00:00	T♉	17°36'13" ♀	-08°53'37"	-04°20'32"	00°59'43"	0.003
14/05/2019 00:00:00	X	23°57'34" ♀	-01°39'12"	-11°45'31"	00°00'34"	96.922
14/05/2019 00:00:00	Y	27°04'59" ♂	08°01'23"	-11°46'38"	00°00'47"	85.799

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15/05/2019 00:00:00	☉	23°54'03" ♉	18°44'43"	00°00'00"	00°57'51"	1.011
15/05/2019 00:00:00	☾	03°04'14" ♋	03°16'22"	04°53'48"	14°17'37"	0.002
15/05/2019 00:00:00	♃	16°09'22" ♉	15°54'01"	-00°48'09"	02°04'46"	1.304
15/05/2019 00:00:00	♄	29°30'21" ♉	09°47'07"	-01°36'51"	01°12'51"	1.515
15/05/2019 00:00:00	♅	29°16'07" ♉	24°33'12" ♋	01°07'10"	00°38'47"	2.330
15/05/2019 00:00:00	♆	22°35'45" ♉	-22°36'26"	00°37'21"	-00°05'48"	4.399
15/05/2019 00:00:00	♇	20°20'17" ♉	-21°31'11"	00°22'49"	-00°01'25"	9.459
15/05/2019 00:00:00	♈	03°46'27" ♉	12°18'57"	-00°29'11"	00°03'16"	20.792
15/05/2019 00:00:00	♉	18°20'42" ♉	-05°31'13"	-00°59'27"	00°01'10"	30.340
15/05/2019 00:00:00	♊	23°03'12" ♉	-21°46'55"	-00°19'12"	-00°00'34"	33.270
15/05/2019 00:00:00	♋	19°13'22" ♉	22°03'29"	00°00'00"	-00°05'53"	0.003
15/05/2019 00:00:00	♌	04°41'45" ♉	04°41'12"	03°04'24"	00°02'33"	19.425
15/05/2019 00:00:00	♍	01°14'47" ♉	-14°10'23"	-03°21'56"	00°06'40"	0.003
15/05/2019 00:00:00	♎	19°13'22" ♉	22°03'29"	00°00'00"	-00°05'53"	0.003
15/05/2019 00:00:00	♏	18°35'54" ♉	-08°32'46"	-04°23'20"	01°00'40"	0.003
15/05/2019 00:00:00	X	23°58'09" ♉	-01°39'02"	-11°45'32"	00°00'34"	96.913
15/05/2019 00:00:00	Y	27°05'46" ♉	08°01'34"	-11°46'37"	00°00'47"	85.799
16/05/2019 00:00:00	☉	24°51'54" ♉	18°58'52"	00°00'00"	00°57'50"	1.011
16/05/2019 00:00:00	☾	17°20'26" ♋	-02°05'56"	05°05'34"	14°14'01"	0.002

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16/05/2019 00:00:00	♀	18°14'53" ♂	16°39'02"	-00°38'04"	02°06'15"	1.310
16/05/2019 00:00:00	♀	00°43'13" ♂	10°13'13"	-01°36'09"	01°12'52"	1.519
16/05/2019 00:00:00	♂	29°54'54" ♀	24°33'29" ♀	01°07'20"	00°38'46"	2.336
16/05/2019 00:00:00	♃	22°29'52" ♀	-22°36'09"	00°37'18"	-00°05'56"	4.392
16/05/2019 00:00:00	♃	20°18'48" ♀	-21°31'27"	00°22'47"	-00°01'31"	9.445
16/05/2019 00:00:00	♃	03°49'43" ♂	12°20'03"	-00°29'11"	00°03'16"	20.787
16/05/2019 00:00:00	♃	18°21'52" ♀	-05°30'48"	-00°59'29"	00°01'09"	30.325
16/05/2019 00:00:00	♃	23°02'37" ♀	-21°47'07"	-00°19'18"	-00°00'35"	33.256
16/05/2019 00:00:00	♃	19°06'33" ♀	22°04'26"	00°00'00"	-00°07'37"	0.003
16/05/2019 00:00:00	♃	04°44'17" ♀	04°42'16"	03°04'28"	00°02'31"	19.412
16/05/2019 00:00:00	♃	01°21'27" ♀	-14°08'37"	-03°22'36"	00°06'40"	0.003
16/05/2019 00:00:00	♃	19°06'33" ♀	22°04'26"	00°00'00"	-00°07'37"	0.003
16/05/2019 00:00:00	♃	19°35'45" ♀	-08°11'51"	-04°26'13"	00°56'33"	0.003
16/05/2019 00:00:00	X	23°58'43" ♀	-01°38'51"	-11°45'34"	00°00'34"	96.905
16/05/2019 00:00:00	Y	27°06'34" ♂	08°01'44"	-11°46'36"	00°00'47"	85.799
17/05/2019 00:00:00	♃	25°49'44" ♂	19°12'42"	00°00'00"	00°57'48"	1.011
17/05/2019 00:00:00	♃	01°30'40" ♀	-07°19'33"	04°58'32"	14°05'36"	0.002
17/05/2019 00:00:00	♀	20°21'49" ♂	17°23'22"	-00°27'46"	02°07'36"	1.315
17/05/2019 00:00:00	♀	01°56'06" ♂	10°39'06"	-01°35'23"	01°12'52"	1.524

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17/05/2019 00:00:00	♂	00°33'39" ♃	24°33'35" ♁	01°07'30"	00°38'45"	2.342
17/05/2019 00:00:00	♃	22°23'53" ♃	-22°35'52"	00°37'14"	-00°06'03"	4.384
17/05/2019 00:00:00	♃	20°17'14" ♃	-21°31'44"	00°22'44"	-00°01'36"	9.432
17/05/2019 00:00:00	♃	03°52'59" ♃	12°21'09"	-00°29'11"	00°03'15"	20.780
17/05/2019 00:00:00	♃	18°23'00" ♃	-05°30'23"	-00°59'32"	00°01'07"	30.310
17/05/2019 00:00:00	♃	23°02'01" ♃	-21°47'20"	-00°19'24"	-00°00'37"	33.242
17/05/2019 00:00:00	♃	18°58'24" ♃	22°05'35"	00°00'00"	-00°08'30"	0.003
17/05/2019 00:00:00	♃	04°46'47" ♃	04°43'19"	03°04'32"	00°02'28"	19.400
17/05/2019 00:00:00	♃	01°28'08" ♃	-14°06'50"	-03°23'16"	00°06'40"	0.003
17/05/2019 00:00:00	♃	18°58'24" ♃	22°05'35"	00°00'00"	-00°08'30"	0.003
17/05/2019 00:00:00	♃	20°22'21" ♃	-07°55'42"	-04°28'38"	00°32'51"	0.003
17/05/2019 00:00:00	X	23°59'17" ♃	-01°38'40"	-11°45'36"	00°00'34"	96.896
17/05/2019 00:00:00	Y	27°07'21" ♃	08°01'55"	-11°46'36"	00°00'47"	85.799
18/05/2019 00:00:00	♃	26°47'32" ♃	19°26'13"	00°00'00"	00°57'47"	1.011
18/05/2019 00:00:00	♃	15°30'03" ♃	-12°06'43"	04°33'38"	13°52'24"	0.003
18/05/2019 00:00:00	♃	22°30'02" ♃	18°06'50"	-00°17'19"	02°08'47"	1.319
18/05/2019 00:00:00	♃	03°08'59" ♃	11°04'45"	-01°34'33"	01°12'53"	1.528
18/05/2019 00:00:00	♂	01°12'24" ♃	24°33'28" ♁	01°07'39"	00°38'44"	2.348
18/05/2019 00:00:00	♃	22°17'46" ♃	-22°35'35"	00°37'10"	-00°06'10"	4.377

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18/05/2019 00:00:00	♃	20°15'35" ♏	-21°32'02"	00°22'40"	-00°01'42"	9.418
18/05/2019 00:00:00	♃	03°56'14" ♏	12°22'15"	-00°29'12"	00°03'14"	20.774
18/05/2019 00:00:00	♃	18°24'07" ♏	-05°29'59"	-00°59'34"	00°01'05"	30.294
18/05/2019 00:00:00	♃	23°01'22" ♏	-21°47'32"	-00°19'30"	-00°00'38"	33.228
18/05/2019 00:00:00	♃	18°49'53" ♏	22°06'46"	00°00'00"	-00°08'22"	0.003
18/05/2019 00:00:00	♃	04°49'15" ♏	04°44'21"	03°04'36"	00°02'26"	19.387
18/05/2019 00:00:00	♃	01°34'49" ♏	-14°05'03"	-03°23'56"	00°06'40"	0.003
18/05/2019 00:00:00	♃	18°49'53" ♏	22°06'46"	00°00'00"	-00°08'22"	0.003
18/05/2019 00:00:00	♃	20°34'05" ♏	-07°52'04"	-04°29'44"	-00°12'38"	0.003
18/05/2019 00:00:00	X	23°59'51" ♏	-01°38'30"	-11°45'38"	00°00'33"	96.887
18/05/2019 00:00:00	Y	27°08'09" ♏	08°02'06"	-11°46'36"	00°00'47"	85.799
19/05/2019 00:00:00	♃	27°45'18" ♏	19°39'24"	00°00'00"	00°57'45"	1.012
19/05/2019 00:00:00	♃	29°14'09" ♏	-16°11'12"	03°53'13"	13°35'14"	0.003
19/05/2019 00:00:00	♃	24°39'22" ♏	18°49'14"	-00°06'47"	02°09'49"	1.322
19/05/2019 00:00:00	♃	04°21'52" ♏	11°30'10"	-01°33'40"	01°12'54"	1.533
19/05/2019 00:00:00	♃	01°51'08" ♏	24°33'10"	01°07'48"	00°38'43"	2.354
19/05/2019 00:00:00	♃	22°11'32" ♏	-22°35'17"	00°37'07"	-00°06'17"	4.369
19/05/2019 00:00:00	♃	20°13'50" ♏	-21°32'20"	00°22'37"	-00°01'47"	9.405
19/05/2019 00:00:00	♃	03°59'28" ♏	12°23'20"	-00°29'12"	00°03'13"	20.768

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19/05/2019 00:00:00	♁	18°25'12" ♈	-05°29'36"	-00°59'36"	00°01'04"	30.278
19/05/2019 00:00:00	♁	23°00'43" ♈	-21°47'45"	-00°19'36"	-00°00'40"	33.215
19/05/2019 00:00:00	♁	18°41'58" ♈	22°07'51"	00°00'00"	-00°07'17"	0.003
19/05/2019 00:00:00	♁	04°51'41" ♈	04°45'23"	03°04'40"	00°02'24"	19.374
19/05/2019 00:00:00	♁	01°41'30" ♈	-14°03'16"	-03°24'36"	00°06'40"	0.003
19/05/2019 00:00:00	♁	18°41'58" ♈	22°07'51"	00°00'00"	-00°07'17"	0.003
19/05/2019 00:00:00	♁	19°52'18" ♈	-08°07'37"	-04°28'42"	-01°12'10"	0.003
19/05/2019 00:00:00	X	24°00'25" ♈	-01°38'20"	-11°45'40"	00°00'33"	96.878
19/05/2019 00:00:00	Y	27°08'57" ♈	08°02'16"	-11°46'35"	00°00'47"	85.798
20/05/2019 00:00:00	♁	28°43'03" ♈	19°52'15"	00°00'00"	00°57'44"	1.012
20/05/2019 00:00:00	♁	12°39'39" ♈	-19°19'37"	03°00'33"	13°15'30"	0.003
20/05/2019 00:00:00	♁	26°49'36" ♈	19°30'22"	00°03'46"	02°10'38"	1.323
20/05/2019 00:00:00	♁	05°34'47" ♈	11°55'20"	-01°32'42"	01°12'54"	1.537
20/05/2019 00:00:00	♁	02°29'50" ♈	24°32'40"	01°07'57"	00°38'41"	2.360
20/05/2019 00:00:00	♁	22°05'11" ♈	-22°34'58"	00°37'03"	-00°06'23"	4.363
20/05/2019 00:00:00	♁	20°12'00" ♈	-21°32'40"	00°22'34"	-00°01'52"	9.392
20/05/2019 00:00:00	♁	04°02'40" ♈	12°24'25"	-00°29'12"	00°03'12"	20.761
20/05/2019 00:00:00	♁	18°26'15" ♈	-05°29'14"	-00°59'39"	00°01'02"	30.263
20/05/2019 00:00:00	♁	23°00'02" ♈	-21°47'58"	-00°19'43"	-00°00'41"	33.202

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20/05/2019 00:00:00	♏	18°35'31" ♃	22°08'44"	00°00'00"	-00°05'30"	0.003
20/05/2019 00:00:00	♋	04°54'04" ♃	04°46'23"	03°04'44"	00°02'22"	19.361
20/05/2019 00:00:00	♌	01°48'10" ♃	-14°01'29"	-03°25'15"	00°06'40"	0.003
20/05/2019 00:00:00	♏	18°35'31" ♃	22°08'44"	00°00'00"	-00°05'30"	0.003
20/05/2019 00:00:00	♌	18°10'04" ♃	-08°44'28"	-04°25'02"	-02°10'34"	0.003
20/05/2019 00:00:00	X	24°00'58" ♃	-01°38'10"	-11°45'42"	00°00'33"	96.869
20/05/2019 00:00:00	Y	27°09'45" ♃	08°02'26"	-11°46'35"	00°00'47"	85.797
21/05/2019 00:00:00	♏	29°40'47" ♃	20°04'45"	00°00'00"	00°57'43"	1.012
21/05/2019 00:00:00	♎	25°44'52" ♃	-21°22'41"	01°59'25"	12°54'55"	0.003
21/05/2019 00:00:00	♌	29°00'33" ♃	20°10'01"	00°14'17"	02°11'13"	1.323
21/05/2019 00:00:00	♌	06°47'42" ♃	12°20'14"	-01°31'41"	01°12'55"	1.542
21/05/2019 00:00:00	♌	03°08'32" ♃	24°31'59"	01°08'05"	00°38'40"	2.366
21/05/2019 00:00:00	♌	21°58'44" ♃	-22°34'39"	00°36'59"	-00°06'30"	4.356
21/05/2019 00:00:00	♌	20°10'05" ♃	-21°33'00"	00°22'31"	-00°01'57"	9.379
21/05/2019 00:00:00	♌	04°05'52" ♃	12°25'30"	-00°29'12"	00°03'11"	20.754
21/05/2019 00:00:00	♌	18°27'17" ♃	-05°28'52"	-00°59'41"	00°01'00"	30.247
21/05/2019 00:00:00	♌	22°59'19" ♃	-21°48'11"	-00°19'49"	-00°00'43"	33.189
21/05/2019 00:00:00	♏	18°31'03" ♃	22°09'21"	00°00'00"	-00°03'23"	0.002
21/05/2019 00:00:00	♋	04°56'26" ♃	04°47'23"	03°04'48"	00°02'20"	19.347



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21/05/2019 00:00:00	☾	01°54'51" ♈	-13°59'41"	-03°25'55"	00°06'40"	0.003
21/05/2019 00:00:00	♁	18°31'03" ♉	22°09'21"	00°00'00"	-00°03'23"	0.002
21/05/2019 00:00:00	♁	15°37'34" ♈	-09°38'19"	-04°18'42"	-02°49'56"	0.003
21/05/2019 00:00:00	X	24°01'31" ♀	-01°38'00"	-11°45'44"	00°00'32"	96.859
21/05/2019 00:00:00	Y	27°10'33" ♉	08°02'36"	-11°46'35"	00°00'47"	85.796
22/05/2019 00:00:00	☉	00°38'30" ♈	20°16'55"	-00°00'00"	00°57'42"	1.012
22/05/2019 00:00:00	☾	08°29'47" ♉	-22°16'17"	00°53'37"	12°35'13"	0.003
22/05/2019 00:00:00	♀	01°11'59" ♈	20°48'00"	00°24'42"	02°11'33"	1.321
22/05/2019 00:00:00	♀	08°00'37" ♉	12°44'51"	-01°30'35"	01°12'55"	1.546
22/05/2019 00:00:00	♂	03°47'12" ♉	24°31'06"	01°08'14"	00°38'39"	2.372
22/05/2019 00:00:00	♃	21°52'11" ♈	-22°34'20"	00°36'54"	-00°06'36"	4.350
22/05/2019 00:00:00	♃	20°08'04" ♉	-21°33'21"	00°22'28"	-00°02'03"	9.366
22/05/2019 00:00:00	♃	04°09'03" ♉	12°26'34"	-00°29'12"	00°03'10"	20.746
22/05/2019 00:00:00	♃	18°28'17" ♈	-05°28'31"	-00°59'44"	00°00'58"	30.231
22/05/2019 00:00:00	♃	22°58'35" ♉	-21°48'24"	-00°19'55"	-00°00'44"	33.176
22/05/2019 00:00:00	♁	18°28'42" ♉	22°09'40"	00°00'00"	-00°01'21"	0.002
22/05/2019 00:00:00	♃	04°58'44" ♀	04°48'22"	03°04'52"	00°02'17"	19.334
22/05/2019 00:00:00	☾	02°01'32" ♈	-13°57'53"	-03°26'35"	00°06'40"	0.003
22/05/2019 00:00:00	♁	18°28'42" ♉	22°09'40"	00°00'00"	-00°01'21"	0.002

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22/05/2019 00:00:00	T♄	12°40'31" ♈	-10°39'22"	-04°10'29"	-02°58'49"	0.003
22/05/2019 00:00:00	X	24°02'04" ♀	-01°37'51"	-11°45'46"	00°00'32"	96.849
22/05/2019 00:00:00	Y	27°11'21" ♄	08°02'46"	-11°46'36"	00°00'47"	85.795
23/05/2019 00:00:00	☉	01°36'11" ♈	20°28'44"	-00°00'00"	00°57'40"	1.012
23/05/2019 00:00:00	☾	20°56'07" ♄	-22°01'32"	-00°13'20"	12°17'57"	0.003
23/05/2019 00:00:00	♁	03°23'36" ♈	21°24'06"	00°34'55"	02°11'38"	1.318
23/05/2019 00:00:00	♀	09°13'34" ♄	13°09'11"	-01°29'26"	01°12'56"	1.551
23/05/2019 00:00:00	♂	04°25'51" ♄	24°30'01"	01°08'22"	00°38'38"	2.377
23/05/2019 00:00:00	♃	21°45'31" ♈	-22°34'00"	00°36'50"	-00°06'42"	4.344
23/05/2019 00:00:00	♅	20°05'59" ♄	-21°33'42"	00°22'25"	-00°02'08"	9.353
23/05/2019 00:00:00	♁	04°12'12" ♄	12°27'37"	-00°29'13"	00°03'08"	20.739
23/05/2019 00:00:00	♃	18°29'14" ♈	-05°28'10"	-00°59'46"	00°00'57"	30.215
23/05/2019 00:00:00	♁	22°57'50" ♄	-21°48'38"	-00°20'01"	-00°00'46"	33.163
23/05/2019 00:00:00	♁	18°28'13" ♄	22°09'44"	00°00'00"	00°00'16"	0.002
23/05/2019 00:00:00	♃	05°01'01" ♀	04°49'20"	03°04'56"	00°02'15"	19.320
23/05/2019 00:00:00	♁	02°08'13" ♈	-13°56'05"	-03°27'14"	00°06'40"	0.003
23/05/2019 00:00:00	T♁	18°28'13" ♄	22°09'44"	00°00'00"	00°00'16"	0.002
23/05/2019 00:00:00	T♄	09°49'27" ♈	-11°36'47"	-04°01'45"	-02°39'29"	0.003
23/05/2019 00:00:00	X	24°02'36" ♀	-01°37'42"	-11°45'49"	00°00'32"	96.839

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23/05/2019 00:00:00	Y	27°12'08" ♂	08°02'56"	-11°46'36"	00°00'47"	85.793
24/05/2019 00:00:00	☉	02°33'52" ♀	20°40'12"	-00°00'00"	00°57'39"	1.013
24/05/2019 00:00:00	☾	03°06'54" ♁	-20°43'48"	-01°18'25"	12°04'16"	0.003
24/05/2019 00:00:00	♀	05°35'10" ♀	21°58'09"	00°44'53"	02°11'26"	1.314
24/05/2019 00:00:00	♀	10°26'31" ♂	13°33'13"	-01°28'14"	01°12'57"	1.555
24/05/2019 00:00:00	♂	05°04'30" ♁	24°28'45" ○	01°08'29"	00°38'37"	2.383
24/05/2019 00:00:00	♃	21°38'46" ♁	-22°33'39"	00°36'45"	-00°06'48"	4.338
24/05/2019 00:00:00	♄	20°03'48" ♁	-21°34'05"	00°22'22"	-00°02'13"	9.341
24/05/2019 00:00:00	♅	04°15'21" ♂	12°28'41"	-00°29'13"	00°03'07"	20.731
24/05/2019 00:00:00	♆	18°30'11" ♀	-05°27'51"	-00°59'48"	00°00'55"	30.198
24/05/2019 00:00:00	♇	22°57'03" ♁	-21°48'52"	-00°20'07"	-00°00'47"	33.150
24/05/2019 00:00:00	♈	18°29'03" ♁	22°09'37"	00°00'00"	00°01'14"	0.002
24/05/2019 00:00:00	♉	05°03'15" ♀	04°50'18"	03°05'01"	00°02'12"	19.307
24/05/2019 00:00:00	♊	02°14'54" ♀	-13°54'16"	-03°27'53"	00°06'40"	0.003
24/05/2019 00:00:00	T♈	18°29'03" ♁	22°09'37"	00°00'00"	00°01'14"	0.002
24/05/2019 00:00:00	T♉	07°26'24" ♀	-12°23'31"	-03°53'51"	-02°05'33"	0.003
24/05/2019 00:00:00	X	24°03'08" ♀	-01°37'33"	-11°45'51"	00°00'31"	96.829
24/05/2019 00:00:00	Y	27°12'56" ♂	08°03'06"	-11°46'36"	00°00'47"	85.791
25/05/2019 00:00:00	☉	03°31'31" ♀	20°51'19"	-00°00'00"	00°57'38"	1.013

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25/05/2019 00:00:00	♃	15°06'10" ♁	-18°31'07"	-02°19'06"	11°55'03"	0.003
25/05/2019 00:00:00	♆	07°46'24" ♀	22°29'58"	00°54'31"	02°10'58"	1.308
25/05/2019 00:00:00	♀	11°39'28" ♂	13°56'57"	-01°26'58"	01°12'57"	1.559
25/05/2019 00:00:00	♂	05°43'07" ♁	24°27'17" ♁	01°08'37"	00°38'36"	2.389
25/05/2019 00:00:00	♃	21°31'55" ♂	-22°33'18"	00°36'40"	-00°06'53"	4.333
25/05/2019 00:00:00	♄	20°01'32" ♂	-21°34'28"	00°22'18"	-00°02'18"	9.329
25/05/2019 00:00:00	♅	04°18'28" ♂	12°29'43"	-00°29'13"	00°03'06"	20.723
25/05/2019 00:00:00	♆	18°31'05" ♀	-05°27'32"	-00°59'51"	00°00'53"	30.182
25/05/2019 00:00:00	♁	22°56'15" ♂	-21°49'06"	-00°20'13"	-00°00'49"	33.138
25/05/2019 00:00:00	♂	18°30'27" ♁	22°09'26"	00°00'00"	00°01'25"	0.002
25/05/2019 00:00:00	♄	05°05'27" ♀	04°51'14"	03°05'05"	00°02'10"	19.293
25/05/2019 00:00:00	♁	02°21'35" ♀	-13°52'28"	-03°28'33"	00°06'40"	0.003
25/05/2019 00:00:00	♂♁	18°30'27" ♁	22°09'26"	00°00'00"	00°01'25"	0.002
25/05/2019 00:00:00	♃♁	05°37'52" ♀	-12°58'06"	-03°47'30"	-01°32'50"	0.003
25/05/2019 00:00:00	X	24°03'39" ♀	-01°37'24"	-11°45'54"	00°00'31"	96.818
25/05/2019 00:00:00	Y	27°13'44" ♂	08°03'15"	-11°46'37"	00°00'47"	85.789
26/05/2019 00:00:00	♁	04°29'09" ♀	21°02'04"	-00°00'00"	00°57'37"	1.013
26/05/2019 00:00:00	♃	26°58'38" ♁	-15°32'31"	-03°13'13"	11°50'45"	0.003
26/05/2019 00:00:00	♆	09°57'01" ♀	22°59'24"	01°03'46"	02°10'12"	1.300

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26/05/2019 00:00:00	♀	12°52'26" ♀	14°20'21"	-01°25'39"	01°12'58"	1.563
26/05/2019 00:00:00	♂	06°21'44" ♀	24°25'38" ♀	01°08'44"	00°38'36"	2.395
26/05/2019 00:00:00	♃	21°24'58" ♀	-22°32'57"	00°36'35"	-00°06'58"	4.327
26/05/2019 00:00:00	♄	19°59'11" ♀	-21°34'52"	00°22'15"	-00°02'23"	9.316
26/05/2019 00:00:00	♅	04°21'34" ♀	12°30'46"	-00°29'13"	00°03'05"	20.715
26/05/2019 00:00:00	♆	18°31'57" ♀	-05°27'13"	-00°59'53"	00°00'51"	30.166
26/05/2019 00:00:00	♇	22°55'25" ♀	-21°49'20"	-00°20'20"	-00°00'50"	33.126
26/05/2019 00:00:00	♈	18°31'37" ♀	22°09'16"	00°00'00"	00°00'48"	0.002
26/05/2019 00:00:00	♉	05°07'36" ♀	04°52'10"	03°05'10"	00°02'08"	19.279
26/05/2019 00:00:00	♊	02°28'16" ♀	-13°50'39"	-03°29'12"	00°06'40"	0.003
26/05/2019 00:00:00	T♈	18°31'37" ♀	22°09'16"	00°00'00"	00°00'48"	0.002
26/05/2019 00:00:00	T♉	04°16'26" ♀	-13°23'32"	-03°42'29"	-01°12'45"	0.003
26/05/2019 00:00:00	X	24°04'10" ♀	-01°37'15"	-11°45'56"	00°00'30"	96.808
26/05/2019 00:00:00	Y	27°14'31" ♀	08°03'25"	-11°46'38"	00°00'47"	85.786
27/05/2019 00:00:00	♈	05°26'46" ♀	21°12'28"	-00°00'00"	00°57'36"	1.013
27/05/2019 00:00:00	♉	08°49'22" ♀	-11°56'58"	-03°58'56"	11°51'33"	0.003
27/05/2019 00:00:00	♊	12°06'44" ♀	23°26'19" ♀	01°12'32"	02°09'11"	1.292
27/05/2019 00:00:00	♀	14°05'25" ♀	14°43'25"	-01°24'16"	01°12'59"	1.568
27/05/2019 00:00:00	♂	07°00'19" ♀	24°23'47" ♀	01°08'51"	00°38'35"	2.400

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27/05/2019 00:00:00	♃	21°17'57" ♏	-22°32'34"	00°36'30"	-00°07'03"	4.323
27/05/2019 00:00:00	♅	19°56'45" ♏	-21°35'17"	00°22'12"	-00°02'28"	9.305
27/05/2019 00:00:00	♁	04°24'38" ♏	12°31'47"	-00°29'14"	00°03'03"	20.706
27/05/2019 00:00:00	♆	18°32'48" ♏	-05°26'56"	-00°59'56"	00°00'49"	30.150
27/05/2019 00:00:00	♁	22°54'34" ♏	-21°49'35"	-00°20'26"	-00°00'51"	33.114
27/05/2019 00:00:00	♁	18°31'51" ♏	22°09'15"	00°00'00"	-00°00'25"	0.002
27/05/2019 00:00:00	♃	05°09'43" ♏	04°53'04"	03°05'15"	00°02'05"	19.265
27/05/2019 00:00:00	♁	02°34'57" ♏	-13°48'50"	-03°29'51"	00°06'40"	0.003
27/05/2019 00:00:00	T♁	18°31'51" ♏	22°09'15"	00°00'00"	-00°00'25"	0.002
27/05/2019 00:00:00	T♁	03°06'14" ♏	-13°45'05"	-03°38'02"	-01°10'53"	0.003
27/05/2019 00:00:00	X	24°04'41" ♏	-01°37'07"	-11°45'59"	00°00'30"	96.797
27/05/2019 00:00:00	Y	27°15'19" ♏	08°03'34"	-11°46'39"	00°00'47"	85.783
28/05/2019 00:00:00	♁	06°24'23" ♏	21°22'30"	-00°00'00"	00°57'35"	1.013
28/05/2019 00:00:00	♁	20°43'25" ♏	-07°52'50"	-04°34'34"	11°57'21"	0.003
28/05/2019 00:00:00	♁	14°15'19" ♏	23°50'39" ○	01°20'47"	02°07'55"	1.282
28/05/2019 00:00:00	♁	15°18'24" ♏	15°06'08"	-01°22'50"	01°12'59"	1.572
28/05/2019 00:00:00	♁	07°38'54" ♏	24°21'45" ○	01°08'58"	00°38'34"	2.406
28/05/2019 00:00:00	♃	21°10'51" ♏	-22°32'12"	00°36'25"	-00°07'08"	4.318
28/05/2019 00:00:00	♅	19°54'15" ♏	-21°35'42"	00°22'08"	-00°02'33"	9.293

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28/05/2019 00:00:00	♃	04°27'41" ♉	12°32'49"	-00°29'14"	00°03'02"	20.697
28/05/2019 00:00:00	♃	18°33'36" ♉	-05°26'39"	-00°59'58"	00°00'47"	30.133
28/05/2019 00:00:00	♃	22°53'41" ♉	-21°49'50"	-00°20'32"	-00°00'53"	33.102
28/05/2019 00:00:00	♃	18°30'38" ♉	22°09'25"	00°00'00"	-00°02'03"	0.002
28/05/2019 00:00:00	♃	05°11'47" ♉	04°53'58"	03°05'19"	00°02'03"	19.250
28/05/2019 00:00:00	♃	02°41'37" ♉	-13°47'01"	-03°30'30"	00°06'40"	0.003
28/05/2019 00:00:00	♃	18°30'38" ♉	22°09'25"	00°00'00"	-00°02'03"	0.002
28/05/2019 00:00:00	♃	01°48'18" ♉	-14°08'39"	-03°33'00"	-01°27'54"	0.003
28/05/2019 00:00:00	X	24°05'11" ♉	-01°36'59"	-11°46'02"	00°00'30"	96.786
28/05/2019 00:00:00	Y	27°16'06" ♉	08°03'43"	-11°46'40"	00°00'47"	85.780
29/05/2019 00:00:00	♃	07°21'58" ♉	21°32'09"	-00°00'00"	00°57'34"	1.013
29/05/2019 00:00:00	♃	02°45'36" ♉	-03°28'07"	-04°58'33"	12°07'43"	0.003
29/05/2019 00:00:00	♃	16°22'30" ♉	24°12'18" ○	01°28'27"	02°06'24"	1.271
29/05/2019 00:00:00	♃	16°31'24" ♉	15°28'30"	-01°21'20"	01°13'00"	1.576
29/05/2019 00:00:00	♃	08°17'28" ♉	24°19'32" ○	01°09'05"	00°38'33"	2.411
29/05/2019 00:00:00	♃	21°03'40" ♉	-22°31'48"	00°36'20"	-00°07'12"	4.314
29/05/2019 00:00:00	♃	19°51'39" ♉	-21°36'08"	00°22'05"	-00°02'37"	9.282
29/05/2019 00:00:00	♃	04°30'43" ♉	12°33'49"	-00°29'15"	00°03'01"	20.688
29/05/2019 00:00:00	♃	18°34'23" ♉	-05°26'23"	-01°00'01"	00°00'45"	30.117

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29/05/2019 00:00:00	♁	22°52'47" ♎	-21°50'05"	-00°20'38"	-00°00'54"	33.090
29/05/2019 00:00:00	♁	18°27'43" ♎	22°09'48"	00°00'00"	-00°03'45"	0.002
29/05/2019 00:00:00	♊	05°13'49" ♏	04°54'51"	03°05'24"	00°02'00"	19.236
29/05/2019 00:00:00	♁	02°48'18" ♏	-13°45'11"	-03°31'08"	00°06'40"	0.003
29/05/2019 00:00:00	♁	18°27'43" ♎	22°09'48"	00°00'00"	-00°03'45"	0.002
29/05/2019 00:00:00	♁	00°05'27" ♏	-14°39'14"	-03°26'17"	-01°59'35"	0.003
29/05/2019 00:00:00	X	24°05'41" ♏	-01°36'51"	-11°46'05"	00°00'29"	96.774
29/05/2019 00:00:00	Y	27°16'53" ♏	08°03'52"	-11°46'41"	00°00'47"	85.777
30/05/2019 00:00:00	♁	08°19'32" ♏	21°41'27"	-00°00'00"	00°57'33"	1.014
30/05/2019 00:00:00	♁	15°00'10" ♏	01°08'56"	-05°09'28"	12°21'58"	0.003
30/05/2019 00:00:00	♁	18°28'04" ♏	24°31'15" ♁	01°35'29"	02°04'41"	1.258
30/05/2019 00:00:00	♁	17°44'25" ♏	15°50'30"	-01°19'47"	01°13'01"	1.580
30/05/2019 00:00:00	♁	08°56'01" ♎	24°17'07" ♁	01°09'11"	00°38'32"	2.417
30/05/2019 00:00:00	♁	20°56'25" ♏	-22°31'25"	00°36'14"	-00°07'16"	4.310
30/05/2019 00:00:00	♁	19°48'59" ♎	-21°36'35"	00°22'01"	-00°02'42"	9.270
30/05/2019 00:00:00	♁	04°33'44" ♏	12°34'49"	-00°29'15"	00°02'59"	20.679
30/05/2019 00:00:00	♁	18°35'08" ♏	-05°26'08"	-01°00'04"	00°00'43"	30.100
30/05/2019 00:00:00	♁	22°51'52" ♎	-21°50'20"	-00°20'44"	-00°00'55"	33.079
30/05/2019 00:00:00	♁	18°23'12" ♎	22°10'25"	00°00'00"	-00°05'12"	0.002



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30/05/2019 00:00:00	♄	05°15'48" ♀	04°55'43"	03°05'29"	00°01'57"	19.221
30/05/2019 00:00:00	♁	02°54'59" ♀	-13°43'22"	-03°31'47"	00°06'40"	0.003
30/05/2019 00:00:00	♄♁	18°23'12" ♀	22°10'25"	00°00'00"	-00°05'12"	0.002
30/05/2019 00:00:00	♄♁	27°47'27" ♀	-15°19'14"	-03°17'06"	-02°36'04"	0.003
30/05/2019 00:00:00	X	24°06'10" ♀	-01°36'44"	-11°46'08"	00°00'29"	96.763
30/05/2019 00:00:00	Y	27°17'40" ♀	08°04'01"	-11°46'42"	00°00'47"	85.773
31/05/2019 00:00:00	♁	09°17'06" ♀	21°50'21"	-00°00'00"	00°57'33"	1.014
31/05/2019 00:00:00	♃	27°30'30" ♀	05°49'10"	-05°06'03"	12°39'04"	0.003
31/05/2019 00:00:00	♁	20°31'49" ♀	24°47'28"	♁ 01°41'52"	02°02'47"	1.245
31/05/2019 00:00:00	♁	18°57'26" ♀	16°12'06"	-01°18'12"	01°13'01"	1.584
31/05/2019 00:00:00	♁	09°34'33" ♀	24°14'31"	♁ 01°09'17"	00°38'31"	2.422
31/05/2019 00:00:00	♁	20°49'07" ♀	-22°31'00"	00°36'08"	-00°07'20"	4.306
31/05/2019 00:00:00	♁	19°46'14" ♀	-21°37'02"	00°21'58"	-00°02'47"	9.259
31/05/2019 00:00:00	♁	04°36'43" ♀	12°35'49"	-00°29'15"	00°02'58"	20.670
31/05/2019 00:00:00	♁	18°35'51" ♀	-05°25'54"	-01°00'06"	00°00'41"	30.083
31/05/2019 00:00:00	♁	22°50'55" ♀	-21°50'36"	-00°20'50"	-00°00'57"	33.068
31/05/2019 00:00:00	♁	18°17'28" ♀	22°11'12"	00°00'00"	-00°06'09"	0.002
31/05/2019 00:00:00	♄	05°17'45" ♀	04°56'34"	03°05'34"	00°01'55"	19.206
31/05/2019 00:00:00	♁	03°01'40" ♀	-13°41'32"	-03°32'26"	00°06'40"	0.003

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31/05/2019 00:00:00	T♄	18°17'28" ♉	22°11'12"	00°00'00"	-00°06'09"	0.002
31/05/2019 00:00:00	T♄	24°56'45" ♉	-16°06'52"	-03°05'24"	-03°02'11"	0.003
31/05/2019 00:00:00	X	24°06'39" ♉	-01°36'36"	-11°46'11"	00°00'28"	96.751
31/05/2019 00:00:00	Y	27°18'27" ♉	08°04'09"	-11°46'44"	00°00'46"	85.769
01/06/2019 00:00:00	♁	10°14'39" ♉	21°58'53"	-00°00'00"	00°57'32"	1.014
01/06/2019 00:00:00	♂	10°18'51" ♉	10°21'26"	-04°47'27"	12°57'48"	0.003
01/06/2019 00:00:00	♀	22°33'36" ♉	25°00'58" ♀	01°47'32"	02°00'43"	1.231
01/06/2019 00:00:00	♀	20°10'28" ♉	16°33'19"	-01°16'33"	01°13'02"	1.588
01/06/2019 00:00:00	♂	10°13'05" ♉	24°11'44" ♀	01°09'23"	00°38'31"	2.428
01/06/2019 00:00:00	♃	20°41'45" ♉	-22°30'36"	00°36'03"	-00°07'23"	4.302
01/06/2019 00:00:00	♃	19°43'24" ♉	-21°37'30"	00°21'54"	-00°02'51"	9.249
01/06/2019 00:00:00	♃	04°39'40" ♉	12°36'48"	-00°29'16"	00°02'56"	20.660
01/06/2019 00:00:00	♃	18°36'32" ♉	-05°25'40"	-01°00'09"	00°00'40"	30.067
01/06/2019 00:00:00	♃	22°49'57" ♉	-21°50'51"	-00°20'57"	-00°00'58"	33.057
01/06/2019 00:00:00	♁	18°11'07" ♉	22°12'03"	00°00'00"	-00°06'24"	0.002
01/06/2019 00:00:00	♃	05°19'39" ♉	04°57'24"	03°05'39"	00°01'52"	19.192
01/06/2019 00:00:00	♃	03°08'21" ♉	-13°39'41"	-03°33'04"	00°06'40"	0.003
01/06/2019 00:00:00	T♄	18°11'07" ♉	22°12'03"	00°00'00"	-00°06'24"	0.002
01/06/2019 00:00:00	T♄	21°51'39" ♉	-16°56'05"	-02°52'19"	-03°02'53"	0.003

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01/06/2019 00:00:00	X	24°07'08" ♀	-01°36'29"	-11°46'15"	00°00'28"	96.739
01/06/2019 00:00:00	Y	27°19'14" ♂	08°04'18"	-11°46'45"	00°00'46"	85.765
02/06/2019 00:00:00	☉	11°12'10" ♀	22°07'02"	-00°00'00"	00°57'31"	1.014
02/06/2019 00:00:00	☾	23°26'09" ♂	14°32'09"	-04°13'28"	13°16'42"	0.003
02/06/2019 00:00:00	♁	24°33'14" ♀	25°11'49" ○	01°52'29"	01°58'31"	1.216
02/06/2019 00:00:00	♂	21°23'31" ♂	16°54'08"	-01°14'51"	01°13'02"	1.592
02/06/2019 00:00:00	♂	10°51'36" ♀	24°08'45" ○	01°09'29"	00°38'30"	2.433
02/06/2019 00:00:00	♃	20°34'19" ♂	-22°30'10"	00°35'57"	-00°07'26"	4.299
02/06/2019 00:00:00	♄	19°40'30" ♂	-21°37'59"	00°21'51"	-00°02'56"	9.238
02/06/2019 00:00:00	♅	04°42'37" ♂	12°37'47"	-00°29'16"	00°02'55"	20.650
02/06/2019 00:00:00	♆	18°37'11" ♀	-05°25'27"	-01°00'11"	00°00'38"	30.050
02/06/2019 00:00:00	♇	22°48'58" ♂	-21°51'07"	-00°21'03"	-00°00'59"	33.046
02/06/2019 00:00:00	♈	18°04'54" ♀	22°12'53"	00°00'00"	-00°05'54"	0.002
02/06/2019 00:00:00	♉	05°21'30" ♀	04°58'13"	03°05'45"	00°01'50"	19.177
02/06/2019 00:00:00	♊	03°15'02" ♀	-13°37'51"	-03°33'43"	00°06'40"	0.003
02/06/2019 00:00:00	T♈	18°04'54" ♀	22°12'53"	00°00'00"	-00°05'54"	0.002
02/06/2019 00:00:00	T♉	19°01'28" ♂	-17°38'59"	-02°39'58"	-02°32'37"	0.003
02/06/2019 00:00:00	X	24°07'36" ♀	-01°36'22"	-11°46'18"	00°00'27"	96.727
02/06/2019 00:00:00	Y	27°20'01" ♂	08°04'26"	-11°46'47"	00°00'46"	85.761

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03/06/2019 00:00:00	♁	12°09'41" ♀	22°14'48"	-00°00'00"	00°57'30"	1.014
03/06/2019 00:00:00	♃	06°51'52" ♀	18°05'10"	-03°24'50"	13°34'24"	0.003
03/06/2019 00:00:00	♃	26°30'37" ♀	25°20'02" ♁	01°56'41"	01°56'13"	1.200
03/06/2019 00:00:00	♂	22°36'34" ♀	17°14'31"	-01°13'07"	01°13'03"	1.596
03/06/2019 00:00:00	♂	11°30'06" ♁	24°05'35" ♁	01°09'34"	00°38'29"	2.438
03/06/2019 00:00:00	♃	20°26'51" ♁	-22°29'45"	00°35'50"	-00°07'29"	4.296
03/06/2019 00:00:00	♃	19°37'32" ♁	-21°38'28"	00°21'47"	-00°03'00"	9.228
03/06/2019 00:00:00	♃	04°45'31" ♀	12°38'45"	-00°29'17"	00°02'53"	20.640
03/06/2019 00:00:00	♃	18°37'48" ♁	-05°25'15"	-01°00'14"	00°00'36"	30.033
03/06/2019 00:00:00	♃	22°47'58" ♁	-21°51'23"	-00°21'09"	-00°01'00"	33.035
03/06/2019 00:00:00	♁	17°59'31" ♁	22°13'36"	00°00'00"	-00°04'45"	0.002
03/06/2019 00:00:00	♃	05°23'19" ♁	04°59'01"	03°05'50"	00°01'47"	19.162
03/06/2019 00:00:00	♃	03°21'43" ♁	-13°36'00"	-03°34'21"	00°06'41"	0.003
03/06/2019 00:00:00	♁	17°59'31" ♁	22°13'36"	00°00'00"	-00°04'45"	0.002
03/06/2019 00:00:00	♃	16°53'53" ♁	-18°09'39"	-02°30'37"	-01°40'11"	0.003
03/06/2019 00:00:00	X	24°08'04" ♁	-01°36'16"	-11°46'21"	00°00'27"	96.715
03/06/2019 00:00:00	Y	27°20'48" ♀	08°04'34"	-11°46'49"	00°00'46"	85.756
04/06/2019 00:00:00	♁	13°07'11" ♀	22°22'11"	-00°00'00"	00°57'29"	1.014
04/06/2019 00:00:00	♃	20°34'08" ♀	20°42'56"	-02°23'26"	13°49'38"	0.003

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04/06/2019 00:00:00	♀	28°25'39" ♀	25°25'42" ♀	02°00'08"	01°53'49"	1.183
04/06/2019 00:00:00	♀	23°49'38" ♀	17°34'29" ♀	-01°11'19"	01°13'04"	1.599
04/06/2019 00:00:00	♂	12°08'35" ♀	24°02'15" ♀	01°09'40"	00°38'28"	2.443
04/06/2019 00:00:00	♂	20°19'20" ♀	-22°29'19"	00°35'44"	-00°07'31"	4.294
04/06/2019 00:00:00	♂	19°34'29" ♀	-21°38'58"	00°21'43"	-00°03'04"	9.218
04/06/2019 00:00:00	♂	04°48'24" ♀	12°39'42"	-00°29'17"	00°02'52"	20.630
04/06/2019 00:00:00	♂	18°38'24" ♀	-05°25'03"	-01°00'16"	00°00'34"	30.017
04/06/2019 00:00:00	♂	22°46'56" ♀	-21°51'39"	-00°21'15"	-00°01'02"	33.025
04/06/2019 00:00:00	♂	17°55'32" ♀	22°14'07"	00°00'00"	-00°03'09"	0.002
04/06/2019 00:00:00	♂	05°25'05" ♀	04°59'48"	03°05'55"	00°01'44"	19.146
04/06/2019 00:00:00	♂	03°28'24" ♀	-13°34'09"	-03°34'59"	00°06'41"	0.003
04/06/2019 00:00:00	T♂	17°55'32" ♀	22°14'07"	00°00'00"	-00°03'09"	0.002
04/06/2019 00:00:00	T♂	15°42'38" ♀	-18°26'20"	-02°25'30"	-00°43'03"	0.003
04/06/2019 00:00:00	X	24°08'31" ♀	-01°36'09"	-11°46'25"	00°00'27"	96.702
04/06/2019 00:00:00	Y	27°21'34" ♀	08°04'42"	-11°46'51"	00°00'46"	85.751
05/06/2019 00:00:00	♂	14°04'40" ♀	22°29'10"	-00°00'00"	00°57'28"	1.015
05/06/2019 00:00:00	♂	04°30'03" ♀	22°09'09"	-01°12'25"	14°01'35"	0.002
05/06/2019 00:00:00	♀	00°18'14" ♀	25°28'56" ♀	02°02'49"	01°51'20"	1.166
05/06/2019 00:00:00	♀	25°02'42" ♀	17°54'00"	-01°09'29"	01°13'04"	1.603

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05/06/2019 00:00:00	♂	12°47'03" ♉	23°58'43" ♉	01°09'45"	00°38'28"	2.449
05/06/2019 00:00:00	♃	20°11'48" ♉	-22°28'52"	00°35'38"	-00°07'33"	4.291
05/06/2019 00:00:00	♃	19°31'22" ♉	-21°39'28"	00°21'40"	-00°03'08"	9.208
05/06/2019 00:00:00	♃	04°51'16" ♉	12°40'39"	-00°29'18"	00°02'50"	20.620
05/06/2019 00:00:00	♃	18°38'57" ♉	-05°24'52"	-01°00'19"	00°00'32"	30.000
05/06/2019 00:00:00	♃	22°45'54" ♉	-21°51'56"	-00°21'21"	-00°01'03"	33.015
05/06/2019 00:00:00	♁	17°53'15" ♉	22°14'25"	00°00'00"	-00°01'26"	0.002
05/06/2019 00:00:00	♃	05°26'49" ♉	05°00'34"	03°06'01"	00°01'42"	19.131
05/06/2019 00:00:00	♃	03°35'05" ♉	-13°32'18"	-03°35'37"	00°06'41"	0.003
05/06/2019 00:00:00	♁	17°53'15" ♉	22°14'25"	00°00'00"	-00°01'26"	0.002
05/06/2019 00:00:00	♃	15°23'44" ♉	-18°30'57"	-02°24'25"	00°02'15"	0.003
05/06/2019 00:00:00	X	24°08'58" ♉	-01°36'03"	-11°46'29"	00°00'26"	96.689
05/06/2019 00:00:00	Y	27°22'21" ♉	08°04'49"	-11°46'53"	00°00'46"	85.746
06/06/2019 00:00:00	♁	15°02'08" ♉	22°35'45"	-00°00'00"	00°57'27"	1.015
06/06/2019 00:00:00	♁	18°36'06" ♉	22°12'35"	00°03'58"	14°09'53"	0.002
06/06/2019 00:00:00	♃	02°08'19" ♉	25°29'48" ♉	02°04'43"	01°48'48"	1.149
06/06/2019 00:00:00	♀	26°15'47" ♉	18°13'05"	-01°07'36"	01°13'05"	1.607
06/06/2019 00:00:00	♂	13°25'31" ♉	23°55'00" ♉	01°09'50"	00°38'27"	2.454
06/06/2019 00:00:00	♃	20°04'13" ♉	-22°28'25"	00°35'31"	-00°07'35"	4.289

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06/06/2019 00:00:00	♃	19°28'11" ♎	-21°39'59"	00°21'36"	-00°03'13"	9.198
06/06/2019 00:00:00	♃	04°54'06" ♎	12°41'36"	-00°29'18"	00°02'49"	20.609
06/06/2019 00:00:00	♃	18°39'29" ♎	-05°24'42"	-01°00'21"	00°00'30"	29.983
06/06/2019 00:00:00	♃	22°44'50" ♎	-21°52'12"	-00°21'27"	-00°01'04"	33.005
06/06/2019 00:00:00	♃	17°52'35" ♎	22°14'31"	00°00'00"	00°00'04"	0.002
06/06/2019 00:00:00	♃	05°28'30" ♎	05°01'19"	03°06'06"	00°01'39"	19.116
06/06/2019 00:00:00	♃	03°41'46" ♎	-13°30'27"	-03°36'15"	00°06'41"	0.003
06/06/2019 00:00:00	♃	17°52'35" ♎	22°14'31"	00°00'00"	00°00'04"	0.002
06/06/2019 00:00:00	♃	15°40'00" ♎	-18°27'38"	-02°26'02"	00°26'28"	0.003
06/06/2019 00:00:00	X	24°09'25" ♎	-01°35'57"	-11°46'32"	00°00'26"	96.676
06/06/2019 00:00:00	Y	27°23'07" ♎	08°04'57"	-11°46'55"	00°00'46"	85.740
07/06/2019 00:00:00	♃	15°59'35" ♎	22°41'57"	-00°00'00"	00°57'26"	1.015
07/06/2019 00:00:00	♃	02°48'39" ♎	20°50'20"	01°20'48"	14°14'38"	0.002
07/06/2019 00:00:00	♃	03°55'50" ♎	25°28'26" ♎	02°05'51"	01°46'13"	1.131
07/06/2019 00:00:00	♃	27°28'52" ♎	18°31'41"	-01°05'41"	01°13'05"	1.610
07/06/2019 00:00:00	♃	14°03'58" ♎	23°51'06" ♎	01°09'55"	00°38'26"	2.459
07/06/2019 00:00:00	♃	19°56'37" ♎	-22°27'58"	00°35'24"	-00°07'37"	4.288
07/06/2019 00:00:00	♃	19°24'56" ♎	-21°40'30"	00°21'32"	-00°03'17"	9.189
07/06/2019 00:00:00	♃	04°56'54" ♎	12°42'31"	-00°29'19"	00°02'47"	20.598

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07/06/2019 00:00:00	♁	18°39'58" ♈	-05°24'33"	-01°00'24"	00°00'28"	29.966
07/06/2019 00:00:00	♁	22°43'45" ♈	-21°52'29"	-00°21'33"	-00°01'05"	32.995
07/06/2019 00:00:00	♁	17°53'13" ♉	22°14'26"	00°00'00"	00°01'05"	0.002
07/06/2019 00:00:00	♁	05°30'08" ♈	05°02'03"	03°06'12"	00°01'36"	19.100
07/06/2019 00:00:00	♁	03°48'27" ♈	-13°28'35"	-03°36'53"	00°06'41"	0.003
07/06/2019 00:00:00	♁	17°53'13" ♉	22°14'26"	00°00'00"	00°01'05"	0.002
07/06/2019 00:00:00	♁	16°09'49" ♁	-18°21'05"	-02°28'35"	00°30'27"	0.003
07/06/2019 00:00:00	X	24°09'51" ♈	-01°35'51"	-11°46'36"	00°00'25"	96.663
07/06/2019 00:00:00	Y	27°23'53" ♉	08°05'04"	-11°46'58"	00°00'45"	85.734
08/06/2019 00:00:00	♁	16°57'00" ♈	22°47'45"	00°00'00"	00°57'24"	1.015
08/06/2019 00:00:00	♁	17°04'19" ♈	18°08'42"	02°32'58"	14°16'12"	0.002
08/06/2019 00:00:00	♁	05°40'46" ♉	25°24'55" ♁	02°06'12"	01°43'36"	1.113
08/06/2019 00:00:00	♁	28°41'58" ♉	18°49'49"	-01°03'44"	01°13'05"	1.614
08/06/2019 00:00:00	♁	14°42'24" ♉	23°47'02" ♁	01°09'59"	00°38'25"	2.464
08/06/2019 00:00:00	♁	19°48'59" ♈	-22°27'30"	00°35'17"	-00°07'38"	4.286
08/06/2019 00:00:00	♁	19°21'37" ♈	-21°41'03"	00°21'28"	-00°03'21"	9.180
08/06/2019 00:00:00	♁	04°59'40" ♉	12°43'27"	-00°29'19"	00°02'45"	20.587
08/06/2019 00:00:00	♁	18°40'26" ♈	-05°24'25"	-01°00'27"	00°00'26"	29.949
08/06/2019 00:00:00	♁	22°42'39" ♈	-21°52'46"	-00°21'39"	-00°01'06"	32.986



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08/06/2019 00:00:00	♏	17°54'34" ♁	22°14'15"	00°00'00"	00°01'27"	0.002
08/06/2019 00:00:00	♋	05°31'43" ♀	05°02'46"	03°06'17"	00°01'33"	19.085
08/06/2019 00:00:00	♏	03°55'08" ♀	-13°26'43"	-03°37'31"	00°06'41"	0.003
08/06/2019 00:00:00	T♏	17°54'34" ♁	22°14'15"	00°00'00"	00°01'27"	0.002
08/06/2019 00:00:00	T♏	16°38'32" ♁	-18°14'37"	-02°30'55"	00°27'42"	0.003
08/06/2019 00:00:00	X	24°10'16" ♀	-01°35'46"	-11°46'40"	00°00'25"	96.650
08/06/2019 00:00:00	Y	27°24'39" ♂	08°05'12"	-11°47'00"	00°00'45"	85.728
09/06/2019 00:00:00	♏	17°54'25" ♀	22°53'08"	00°00'00"	00°57'23"	1.015
09/06/2019 00:00:00	♏	01°20'10" ♀	14°21'18"	03°35'42"	14°15'05"	0.002
09/06/2019 00:00:00	♏	07°23'03" ♁	25°19'24"	♁ 02°05'48"	01°40'58"	1.095
09/06/2019 00:00:00	♏	29°55'04" ♂	19°07'27"	-01°01'44"	01°13'06"	1.618
09/06/2019 00:00:00	♏	15°20'49" ♁	23°42'47"	♁ 01°10'03"	00°38'24"	2.469
09/06/2019 00:00:00	♏	19°41'20" ♂	-22°27'02"	00°35'10"	-00°07'38"	4.285
09/06/2019 00:00:00	♏	19°18'14" ♂	-21°41'35"	00°21'24"	-00°03'24"	9.171
09/06/2019 00:00:00	♏	05°02'25" ♂	12°44'21"	-00°29'20"	00°02'43"	20.575
09/06/2019 00:00:00	♏	18°40'52" ♀	-05°24'17"	-01°00'29"	00°00'24"	29.933
09/06/2019 00:00:00	♏	22°41'32" ♂	-21°53'03"	-00°21'46"	-00°01'07"	32.977
09/06/2019 00:00:00	♏	17°55'56" ♁	22°14'04"	00°00'00"	00°01'08"	0.002
09/06/2019 00:00:00	♏	05°33'15" ♀	05°03'27"	03°06'23"	00°01'30"	19.069

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09/06/2019 00:00:00	☾	04°01'49" ♈	-13°24'51"	-03°38'08"	00°06'41"	0.003
09/06/2019 00:00:00	♄	17°55'56" ♉	22°14'04"	00°00'00"	00°01'08"	0.002
09/06/2019 00:00:00	♃	17°11'07" ♉	-18°07'07"	-02°33'29"	00°42'36"	0.003
09/06/2019 00:00:00	X	24°10'41" ♈	-01°35'41"	-11°46'44"	00°00'24"	96.637
09/06/2019 00:00:00	Y	27°25'24" ♉	08°05'19"	-11°47'03"	00°00'45"	85.722
10/06/2019 00:00:00	☉	18°51'48" ♈	22°58'08"	00°00'00"	00°57'22"	1.015
10/06/2019 00:00:00	☾	15°33'44" ♉	09°45'34"	04°24'58"	14°11'42"	0.002
10/06/2019 00:00:00	♀	09°02'41" ♉	25°11'59"	02°04'38"	01°38'17"	1.076
10/06/2019 00:00:00	♀	01°08'11" ♈	19°24'36"	-00°59'42"	01°13'06"	1.621
10/06/2019 00:00:00	♂	15°59'13" ♉	23°38'21"	01°10'07"	00°38'23"	2.474
10/06/2019 00:00:00	♃	19°33'41" ♈	-22°26'34"	00°35'03"	-00°07'39"	4.285
10/06/2019 00:00:00	♃	19°14'47" ♈	-21°42'08"	00°21'21"	-00°03'28"	9.163
10/06/2019 00:00:00	♃	05°05'08" ♉	12°45'15"	-00°29'20"	00°02'41"	20.564
10/06/2019 00:00:00	♃	18°41'15" ♈	-05°24'10"	-01°00'32"	00°00'22"	29.916
10/06/2019 00:00:00	♃	22°40'23" ♈	-21°53'21"	-00°21'52"	-00°01'08"	32.968
10/06/2019 00:00:00	♄	17°56'40" ♉	22°13'58"	00°00'00"	00°00'16"	0.002
10/06/2019 00:00:00	♃	05°34'44" ♈	05°04'08"	03°06'29"	00°01'27"	19.053
10/06/2019 00:00:00	☾	04°08'30" ♈	-13°22'59"	-03°38'46"	00°06'41"	0.003
10/06/2019 00:00:00	♄	17°56'40" ♉	22°13'58"	00°00'00"	00°00'16"	0.002

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10/06/2019 00:00:00	T♄	18°16'31" ♊	-17°51'48"	-02°38'38"	01°34'52"	0.003
10/06/2019 00:00:00	X	24°11'05" ♏	-01°35'36"	-11°46'48"	00°00'24"	96.623
10/06/2019 00:00:00	Y	27°26'09" ♏	08°05'26"	-11°47'06"	00°00'45"	85.715
11/06/2019 00:00:00	☉	19°49'10" ♋	23°02'43"	00°00'00"	00°57'21"	1.015
11/06/2019 00:00:00	☾	29°42'56" ♎	04°40'00"	04°57'51"	14°06'21"	0.002
11/06/2019 00:00:00	♀	10°39'39" ♉	25°02'47" ♋	02°02'43"	01°35'36"	1.058
11/06/2019 00:00:00	♀	02°21'18" ♋	19°41'14"	-00°57'37"	01°13'07"	1.625
11/06/2019 00:00:00	♂	16°37'36" ♉	23°33'44" ♋	01°10'11"	00°38'22"	2.478
11/06/2019 00:00:00	♃	19°26'02" ♌	-22°26'05"	00°34'55"	-00°07'39"	4.284
11/06/2019 00:00:00	♄	19°11'17" ♌	-21°42'42"	00°21'17"	-00°03'32"	9.154
11/06/2019 00:00:00	♅	05°07'49" ♏	12°46'08"	-00°29'21"	00°02'39"	20.552
11/06/2019 00:00:00	♆	18°41'37" ♎	-05°24'04"	-01°00'34"	00°00'20"	29.899
11/06/2019 00:00:00	♇	22°39'14" ♌	-21°53'38"	-00°21'58"	-00°01'09"	32.959
11/06/2019 00:00:00	♈	17°56'22" ♉	22°14'01"	00°00'00"	-00°00'54"	0.002
11/06/2019 00:00:00	♉	05°36'11" ♏	05°04'48"	03°06'34"	00°01'25"	19.037
11/06/2019 00:00:00	♊	04°15'11" ♎	-13°21'06"	-03°39'23"	00°06'41"	0.003
11/06/2019 00:00:00	T♁	17°56'22" ♉	22°14'01"	00°00'00"	-00°00'54"	0.002
11/06/2019 00:00:00	T♄	20°31'12" ♊	-17°19'08"	-02°49'09"	02°57'08"	0.003
11/06/2019 00:00:00	X	24°11'29" ♏	-01°35'31"	-11°46'52"	00°00'23"	96.609

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11/06/2019 00:00:00	Y	27°26'54" ♃	08°05'32"	-11°47'08"	00°00'44"	85.709
12/06/2019 00:00:00	☉	20°46'31" ♈	23°06'54"	00°00'00"	00°57'20"	1.015
12/06/2019 00:00:00	☾	13°45'48" ♎	-00°37'28"	05°12'39"	13°59'04"	0.002
12/06/2019 00:00:00	♀	12°13'54" ♉	24°51'56" ○	02°00'03"	01°32'53"	1.039
12/06/2019 00:00:00	♀	03°34'25" ♈	19°57'21"	-00°55'31"	01°13'07"	1.628
12/06/2019 00:00:00	♂	17°15'58" ♉	23°28'56" ○	01°10'15"	00°38'21"	2.483
12/06/2019 00:00:00	♃	19°18'23" ♈	-22°25'37"	00°34'48"	-00°07'39"	4.284
12/06/2019 00:00:00	♄	19°07'43" ♉	-21°43'16"	00°21'13"	-00°03'35"	9.146
12/06/2019 00:00:00	♅	05°10'28" ♃	12°47'00"	-00°29'22"	00°02'38"	20.540
12/06/2019 00:00:00	♆	18°41'56" ♈	-05°23'59"	-01°00'37"	00°00'18"	29.882
12/06/2019 00:00:00	♇	22°38'04" ♉	-21°53'56"	-00°22'04"	-00°01'10"	32.951
12/06/2019 00:00:00	♈	17°54'50" ♉	22°14'13"	00°00'00"	-00°02'07"	0.002
12/06/2019 00:00:00	♉	05°37'35" ♈	05°05'26"	03°06'40"	00°01'22"	19.022
12/06/2019 00:00:00	♊	04°21'52" ♈	-13°19'14"	-03°40'01"	00°06'41"	0.003
12/06/2019 00:00:00	T♈	17°54'50" ♉	22°14'13"	00°00'00"	-00°02'07"	0.002
12/06/2019 00:00:00	T♉	24°09'35" ♈	-16°23'01"	-03°05'40"	04°15'49"	0.003
12/06/2019 00:00:00	X	24°11'52" ♈	-01°35'27"	-11°46'56"	00°00'23"	96.595
12/06/2019 00:00:00	Y	27°27'39" ♃	08°05'39"	-11°47'12"	00°00'44"	85.702
13/06/2019 00:00:00	☉	21°43'51" ♈	23°10'40"	00°00'00"	00°57'19"	1.015

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13/06/2019 00:00:00	♃	27°40'25"	♄	-05°49'58"	♂	05°08'56"	♃	13°49'50"	0.003
13/06/2019 00:00:00	♃	13°45'25"	♃	24°39'32"	♁	01°56'39"	♃	01°30'09"	1.020
13/06/2019 00:00:00	♂	04°47'33"	♃	20°12'56"	♁	-00°53'23"	♃	01°13'08"	1.631
13/06/2019 00:00:00	♂	17°54'20"	♃	23°23'58"	♂	01°10'18"	♃	00°38'20"	2.488
13/06/2019 00:00:00	♃	19°10'44"	♂	-22°25'07"	♂	00°34'40"	♁	-00°07'38"	4.284
13/06/2019 00:00:00	♂	19°04'06"	♂	-21°43'50"	♂	00°21'09"	♁	-00°03'38"	9.138
13/06/2019 00:00:00	♂	05°13'05"	♁	12°47'52"	♁	-00°29'22"	♃	00°02'36"	20.528
13/06/2019 00:00:00	♂	18°42'14"	♂	-05°23'54"	♁	-01°00'40"	♃	00°00'16"	29.865
13/06/2019 00:00:00	♂	22°36'52"	♂	-21°54'14"	♁	-00°22'10"	♁	-00°01'11"	32.942
13/06/2019 00:00:00	♁	17°52'13"	♂	22°14'34"	♂	00°00'00"	♁	-00°03'04"	0.002
13/06/2019 00:00:00	♂	05°38'55"	♂	05°06'04"	♂	03°06'46"	♃	00°01'19"	19.006
13/06/2019 00:00:00	♂	04°28'34"	♂	-13°17'21"	♁	-03°40'38"	♃	00°06'41"	0.003
13/06/2019 00:00:00	♁	17°52'13"	♂	22°14'34"	♂	00°00'00"	♁	-00°03'04"	0.002
13/06/2019 00:00:00	♂	28°50'27"	♁	-15°05'22"	♁	-03°25'52"	♃	04°58'05"	0.003
13/06/2019 00:00:00	♂	24°12'15"	♂	-01°35'22"	♁	-11°47'00"	♃	00°00'22"	96.581
13/06/2019 00:00:00	♂	27°28'23"	♁	08°05'45"	♁	-11°47'15"	♃	00°00'44"	85.694
14/06/2019 00:00:00	♁	22°41'10"	♃	23°14'02"	♂	00°00'00"	♃	00°57'18"	1.016
14/06/2019 00:00:00	♃	11°24'50"	♂	-10°41'32"	♂	04°47'29"	♃	13°38'40"	0.003
14/06/2019 00:00:00	♃	15°14'12"	♃	24°25'44"	♁	01°52'32"	♃	01°27'23"	1.002

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14/06/2019 00:00:00	♀	06°00'42" ♀	20°27'59"	-00°51'13"	01°13'08"	1.635
14/06/2019 00:00:00	♂	18°32'40" ♀	23°18'50"	01°10'21"	00°38'20"	2.493
14/06/2019 00:00:00	♃	19°03'06" ♂	-22°24'38"	00°34'32"	-00°07'37"	4.284
14/06/2019 00:00:00	♄	19°00'25" ♂	-21°44'25"	00°21'04"	-00°03'42"	9.131
14/06/2019 00:00:00	♅	05°15'40" ♂	12°48'43"	-00°29'23"	00°02'34"	20.516
14/06/2019 00:00:00	♆	18°42'30" ♀	-05°23'51"	-01°00'42"	00°00'14"	29.848
14/06/2019 00:00:00	♇	22°35'40" ♂	-21°54'32"	-00°22'16"	-00°01'12"	32.935
14/06/2019 00:00:00	♈	17°48'51" ♀	22°15'00"	00°00'00"	-00°03'33"	0.003
14/06/2019 00:00:00	♉	05°40'13" ♂	05°06'40"	03°06'52"	00°01'16"	18.990
14/06/2019 00:00:00	♊	04°35'15" ♀	-13°15'28"	-03°41'15"	00°06'41"	0.003
14/06/2019 00:00:00	T♈	17°48'51" ♀	22°15'00"	00°00'00"	-00°03'33"	0.003
14/06/2019 00:00:00	T♉	03°49'09" ♀	-13°36'42"	-03°45'53"	04°51'10"	0.003
14/06/2019 00:00:00	X	24°12'37" ♂	-01°35'18"	-11°47'04"	00°00'22"	96.567
14/06/2019 00:00:00	Y	27°29'07" ♂	08°05'51"	-11°47'18"	00°00'43"	85.687
15/06/2019 00:00:00	♈	23°38'28" ♀	23°16'59"	00°00'00"	00°57'17"	1.016
15/06/2019 00:00:00	♄	24°57'09" ♀	-14°57'10"	04°10'11"	13°25'40"	0.003
15/06/2019 00:00:00	♅	16°40'13" ♀	24°10'37"	01°47'42"	01°24'36"	0.983
15/06/2019 00:00:00	♀	07°13'51" ♀	20°42'29"	-00°49'01"	01°13'09"	1.638
15/06/2019 00:00:00	♂	19°11'00" ♀	23°13'31"	01°10'24"	00°38'19"	2.497

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15/06/2019 00:00:00	♃	18°55'29"	♌	-22°24'08"	00°34'24"	-00°07'36"	4.285
15/06/2019 00:00:00	♅	18°56'41"	♌	-21°45'00"	00°21'00"	-00°03'45"	9.124
15/06/2019 00:00:00	♁	05°18'14"	♋	12°49'34"	-00°29'24"	00°02'32"	20.503
15/06/2019 00:00:00	♆	18°42'44"	♌	-05°23'47"	-01°00'45"	00°00'12"	29.832
15/06/2019 00:00:00	♁	22°34'27"	♌	-21°54'50"	-00°22'22"	-00°01'13"	32.927
15/06/2019 00:00:00	♁	17°45'16"	♋	22°15'28"	00°00'00"	-00°03'31"	0.003
15/06/2019 00:00:00	♃	05°41'29"	♋	05°07'16"	03°06'58"	00°01'13"	18.973
15/06/2019 00:00:00	♁	04°41'56"	♌	-13°13'34"	-03°41'52"	00°06'41"	0.003
15/06/2019 00:00:00	♁	17°45'16"	♋	22°15'28"	00°00'00"	-00°03'31"	0.003
15/06/2019 00:00:00	♁	08°18'12"	♌	-12°12'05"	-04°02'33"	04°00'44"	0.003
15/06/2019 00:00:00	X	24°12'59"	♋	-01°35'15"	-11°47'09"	00°00'21"	96.553
15/06/2019 00:00:00	Y	27°29'51"	♋	08°05'57"	-11°47'21"	00°00'43"	85.679
16/06/2019 00:00:00	♁	24°35'45"	♌	23°19'31"	00°00'00"	00°57'17"	1.016
16/06/2019 00:00:00	♁	08°15'40"	♌	-18°23'28"	03°19'50"	13°11'11"	0.003
16/06/2019 00:00:00	♁	18°03'25"	♋	23°54'20"	01°42'10"	01°21'47"	0.965
16/06/2019 00:00:00	♁	08°27'01"	♌	20°56'25"	-00°46'47"	01°13'10"	1.641
16/06/2019 00:00:00	♁	19°49'19"	♋	23°08'01"	01°10'27"	00°38'18"	2.502
16/06/2019 00:00:00	♃	18°47'53"	♌	-22°23'39"	00°34'16"	-00°07'34"	4.286
16/06/2019 00:00:00	♅	18°52'54"	♌	-21°45'36"	00°20'56"	-00°03'48"	9.117

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16/06/2019 00:00:00	♃	05°20'45" ♂	12°50'23"	-00°29'24"	00°02'30"	20.491
16/06/2019 00:00:00	♃	18°42'56" ♀	-05°23'45"	-01°00'47"	00°00'10"	29.815
16/06/2019 00:00:00	♃	22°33'12" ♀	-21°55'08"	-00°22'28"	-00°01'14"	32.919
16/06/2019 00:00:00	♃	17°41'58" ♀	22°15'54"	00°00'00"	-00°03'00"	0.003
16/06/2019 00:00:00	♃	05°42'41" ♀	05°07'50"	03°07'04"	00°01'10"	18.957
16/06/2019 00:00:00	♃	04°48'37" ♀	-13°11'40"	-03°42'29"	00°06'41"	0.003
16/06/2019 00:00:00	♃	17°41'58" ♀	22°15'54"	00°00'00"	-00°03'00"	0.003
16/06/2019 00:00:00	♃	11°41'04" ♀	-11°05'43"	-04°14'16"	02°41'43"	0.003
16/06/2019 00:00:00	X	24°13'21" ♀	-01°35'11"	-11°47'13"	00°00'21"	96.538
16/06/2019 00:00:00	Y	27°30'34" ♂	08°06'03"	-11°47'25"	00°00'43"	85.671
17/06/2019 00:00:00	♃	25°33'02" ♀	23°21'39"	00°00'00"	00°57'16"	1.016
17/06/2019 00:00:00	♃	21°19'12" ♀	-20°49'35"	02°19'48"	12°55'47"	0.003
17/06/2019 00:00:00	♃	19°23'48" ♀	23°36'58"	01°35'57"	01°18'56"	0.947
17/06/2019 00:00:00	♃	09°40'12" ♀	21°09'47"	-00°44'32"	01°13'11"	1.644
17/06/2019 00:00:00	♃	20°27'37" ♀	23°02'22"	01°10'30"	00°38'17"	2.506
17/06/2019 00:00:00	♃	18°40'19" ♀	-22°23'09"	00°34'08"	-00°07'33"	4.287
17/06/2019 00:00:00	♃	18°49'05" ♀	-21°46'12"	00°20'52"	-00°03'51"	9.110
17/06/2019 00:00:00	♃	05°23'15" ♂	12°51'12"	-00°29'25"	00°02'28"	20.478
17/06/2019 00:00:00	♃	18°43'06" ♀	-05°23'44"	-01°00'50"	00°00'09"	29.798



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17/06/2019 00:00:00	♁	22°31'58" ♀	-21°55'26"	-00°22'34"	-00°01'15"	32.912
17/06/2019 00:00:00	♁	17°39'22" ♀	22°16'15"	00°00'00"	-00°02'07"	0.003
17/06/2019 00:00:00	♁	05°43'50" ♀	05°08'23"	03°07'10"	00°01'07"	18.941
17/06/2019 00:00:00	♁	04°55'18" ♀	-13°09'47"	-03°43'06"	00°06'41"	0.003
17/06/2019 00:00:00	♁	17°39'22" ♀	22°16'15"	00°00'00"	-00°02'07"	0.003
17/06/2019 00:00:00	♁	13°38'16" ♀	-10°26'37"	-04°20'50"	01°12'36"	0.003
17/06/2019 00:00:00	X	24°13'41" ♀	-01°35'08"	-11°47'18"	00°00'20"	96.524
17/06/2019 00:00:00	Y	27°31'18" ♀	08°06'08"	-11°47'29"	00°00'43"	85.662
18/06/2019 00:00:00	♁	26°30'18" ♀	23°23'22"	-00°00'00"	00°57'15"	1.016
18/06/2019 00:00:00	♁	04°07'13" ♀	-22°08'35"	01°13'44"	12°40'16"	0.003
18/06/2019 00:00:00	♁	20°41'17" ♀	23°18'38"	01°29'03"	01°16'02"	0.928
18/06/2019 00:00:00	♁	10°53'23" ♀	21°22'35"	-00°42'15"	01°13'12"	1.647
18/06/2019 00:00:00	♁	21°05'55" ♀	22°56'32"	01°10'32"	00°38'17"	2.511
18/06/2019 00:00:00	♁	18°32'47" ♀	-22°22'39"	00°33'59"	-00°07'30"	4.289
18/06/2019 00:00:00	♁	18°45'12" ♀	-21°46'48"	00°20'48"	-00°03'54"	9.103
18/06/2019 00:00:00	♁	05°25'42" ♀	12°52'01"	-00°29'26"	00°02'26"	20.465
18/06/2019 00:00:00	♁	18°43'14" ♀	-05°23'43"	-01°00'53"	00°00'07"	29.781
18/06/2019 00:00:00	♁	22°30'42" ♀	-21°55'44"	-00°22'40"	-00°01'16"	32.905
18/06/2019 00:00:00	♁	17°37'45" ♀	22°16'27"	00°00'00"	-00°01'05"	0.003

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18/06/2019 00:00:00	♄	05°44'57" ♀	05°08'55"	03°07'16"	00°01'04"	18.925
18/06/2019 00:00:00	♁	05°02'00" ♀	-13°07'52"	-03°43'42"	00°06'41"	0.003
18/06/2019 00:00:00	♄♁	17°37'45" ♀	22°16'27"	00°00'00"	-00°01'05"	0.003
18/06/2019 00:00:00	♄♁	14°09'28" ♀	-10°16'22"	-04°22'50"	-00°07'04"	0.003
18/06/2019 00:00:00	X	24°14'02" ♀	-01°35'05"	-11°47'22"	00°00'20"	96.509
18/06/2019 00:00:00	Y	27°32'01" ♀	08°06'14"	-11°47'33"	00°00'42"	85.654
19/06/2019 00:00:00	♁	27°27'34" ♀	23°24'40"	-00°00'00"	00°57'15"	1.016
19/06/2019 00:00:00	♃	16°39'59" ♀	-22°18'33"	00°05'15"	12°25'29"	0.003
19/06/2019 00:00:00	♁	21°55'52" ♀	22°59'27"	01°21'30"	01°13'05"	0.911
19/06/2019 00:00:00	♁	12°06'36" ♀	21°34'47"	-00°39'57"	01°13'12"	1.650
19/06/2019 00:00:00	♁	21°44'12" ♀	22°50'32"	01°10'34"	00°38'16"	2.515
19/06/2019 00:00:00	♁	18°25'17" ♀	-22°22'09"	00°33'50"	-00°07'28"	4.291
19/06/2019 00:00:00	♁	18°41'17" ♀	-21°47'25"	00°20'43"	-00°03'56"	9.097
19/06/2019 00:00:00	♁	05°28'08" ♀	12°52'49"	-00°29'26"	00°02'24"	20.452
19/06/2019 00:00:00	♁	18°43'20" ♀	-05°23'43"	-01°00'55"	00°00'05"	29.765
19/06/2019 00:00:00	♁	22°29'25" ♀	-21°56'03"	-00°22'46"	-00°01'16"	32.899
19/06/2019 00:00:00	♁	17°37'11" ♀	22°16'32"	00°00'00"	-00°00'04"	0.003
19/06/2019 00:00:00	♄	05°46'00" ♀	05°09'26"	03°07'22"	00°01'01"	18.909
19/06/2019 00:00:00	♁	05°08'41" ♀	-13°05'58"	-03°44'19"	00°06'41"	0.003

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19/06/2019 00:00:00	T♄	17°37'11" ♉	22°16'32"	00°00'00"	-00°00'04"	0.003
19/06/2019 00:00:00	T♄	13°32'52" ♉	-10°29'10"	-04°21'21"	-01°00'50"	0.003
19/06/2019 00:00:00	X	24°14'21" ♉	-01°35'02"	-11°47'27"	00°00'19"	96.494
19/06/2019 00:00:00	Y	27°32'44" ♉	08°06'19"	-11°47'36"	00°00'42"	85.645
20/06/2019 00:00:00	☉	28°24'49" ♉	23°25'34"	-00°00'00"	00°57'14"	1.016
20/06/2019 00:00:00	☾	28°58'44" ♉	-21°22'35"	-01°02'17"	12°12'21"	0.003
20/06/2019 00:00:00	♁	23°07'28" ♉	22°39'31"	01°13'17"	01°10'05"	0.893
20/06/2019 00:00:00	♂	13°19'49" ♉	21°46'24"	-00°37'38"	01°13'13"	1.653
20/06/2019 00:00:00	♂	22°22'28" ♉	22°44'22"	01°10'36"	00°38'15"	2.520
20/06/2019 00:00:00	♃	18°17'50" ♉	-22°21'39"	00°33'42"	-00°07'25"	4.293
20/06/2019 00:00:00	♃	18°37'19" ♉	-21°48'02"	00°20'39"	-00°03'59"	9.091
20/06/2019 00:00:00	♃	05°30'31" ♉	12°53'35"	-00°29'27"	00°02'22"	20.438
20/06/2019 00:00:00	♃	18°43'24" ♉	-05°23'44"	-01°00'58"	00°00'03"	29.748
20/06/2019 00:00:00	♃	22°28'08" ♉	-21°56'21"	-00°22'52"	-00°01'17"	32.892
20/06/2019 00:00:00	♁	17°37'33" ♉	22°16'29"	00°00'00"	00°00'45"	0.002
20/06/2019 00:00:00	♁	05°47'00" ♉	05°09'55"	03°07'29"	00°00'58"	18.892
20/06/2019 00:00:00	♁	05°15'22" ♉	-13°04'04"	-03°44'55"	00°06'41"	0.003
20/06/2019 00:00:00	T♄	17°37'33" ♉	22°16'29"	00°00'00"	00°00'45"	0.002
20/06/2019 00:00:00	T♄	12°18'51" ♉	-10°54'26"	-04°17'47"	-01°21'52"	0.003

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20/06/2019 00:00:00	X	24°14'41" ♃	-01°35'00"	-11°47'31"	00°00'18"	96.479
20/06/2019 00:00:00	Y	27°33'26" ♄	08°06'24"	-11°47'40"	00°00'42"	85.636
21/06/2019 00:00:00	☉	29°22'04" ♀	23°26'02"	-00°00'00"	00°57'14"	1.016
21/06/2019 00:00:00	☾	11°05'33" ♁	-19°27'39"	-02°06'01"	12°01'45"	0.003
21/06/2019 00:00:00	♀	24°16'01" ♁	22°18'58"	01°04'27"	01°07'01"	0.875
21/06/2019 00:00:00	♀	14°33'03" ♀	21°57'25"	-00°35'17"	01°13'14"	1.656
21/06/2019 00:00:00	♂	23°00'44" ♁	22°38'02"	01°10'38"	00°38'15"	2.524
21/06/2019 00:00:00	♃	18°10'25" ♃	-22°21'09"	00°33'33"	-00°07'22"	4.296
21/06/2019 00:00:00	♅	18°33'18" ♄	-21°48'39"	00°20'34"	-00°04'01"	9.085
21/06/2019 00:00:00	♁	05°32'53" ♄	12°54'22"	-00°29'28"	00°02'20"	20.425
21/06/2019 00:00:00	♃	18°43'26" ♃	-05°23'45"	-01°01'00"	00°00'01"	29.732
21/06/2019 00:00:00	♁	22°26'50" ♄	-21°56'40"	-00°22'58"	-00°01'18"	32.886
21/06/2019 00:00:00	♁	17°38'36" ♁	22°16'21"	00°00'00"	00°01'17"	0.002
21/06/2019 00:00:00	♃	05°47'58" ♃	05°10'24"	03°07'35"	00°00'55"	18.876
21/06/2019 00:00:00	♃	05°22'03" ♃	-13°02'09"	-03°45'32"	00°06'41"	0.003
21/06/2019 00:00:00	T♁	17°38'36" ♁	22°16'21"	00°00'00"	00°01'17"	0.002
21/06/2019 00:00:00	T♃	10°58'05" ♃	-11°21'36"	-04°13'38"	-01°16'17"	0.003
21/06/2019 00:00:00	X	24°14'59" ♃	-01°34'58"	-11°47'36"	00°00'18"	96.464
21/06/2019 00:00:00	Y	27°34'08" ♄	08°06'29"	-11°47'45"	00°00'41"	85.627

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22/06/2019 00:00:00	♁	00°19'18" ♁	23°26'06"	-00°00'00"	00°57'14"	1.016
22/06/2019 00:00:00	♃	23°03'21" ♃	-16°42'59"	-03°03'26"	11°54'27"	0.003
22/06/2019 00:00:00	♆	25°21'29" ♆	21°57'52"	00°54'59"	01°03'52"	0.858
22/06/2019 00:00:00	♋	15°46'18" ♋	22°07'48"	-00°32'56"	01°13'15"	1.659
22/06/2019 00:00:00	♌	23°38'59" ♌	22°31'32"	01°10'39"	00°38'14"	2.528
22/06/2019 00:00:00	♍	18°03'04" ♍	-22°20'39"	00°33'24"	-00°07'19"	4.298
22/06/2019 00:00:00	♎	18°29'15" ♎	-21°49'17"	00°20'30"	-00°04'04"	9.080
22/06/2019 00:00:00	♏	05°35'12" ♏	12°55'07"	-00°29'29"	00°02'18"	20.411
22/06/2019 00:00:00	♐	18°43'26" ♐	-05°23'47"	-01°01'03"	-00°00'00"	29.715
22/06/2019 00:00:00	♑	22°25'31" ♑	-21°56'59"	-00°23'04"	-00°01'19"	32.880
22/06/2019 00:00:00	♒	17°40'01" ♒	22°16'10"	00°00'00"	00°01'27"	0.002
22/06/2019 00:00:00	♓	05°48'52" ♓	05°10'51"	03°07'41"	00°00'52"	18.859
22/06/2019 00:00:00	♈	05°28'45" ♈	-13°00'14"	-03°46'08"	00°06'41"	0.003
22/06/2019 00:00:00	♁	17°40'01" ♁	22°16'10"	00°00'00"	00°01'27"	0.002
22/06/2019 00:00:00	♃	09°50'25" ♃	-11°44'02"	-04°09'59"	-00°58'15"	0.003
22/06/2019 00:00:00	X	24°15'17" ♀	-01°34'56"	-11°47'41"	00°00'17"	96.449
22/06/2019 00:00:00	Y	27°34'49" ♏	08°06'33"	-11°47'49"	00°00'41"	85.617
23/06/2019 00:00:00	♁	01°16'32" ♁	23°25'46"	-00°00'00"	00°57'14"	1.016
23/06/2019 00:00:00	♃	04°55'45" ♃	-13°18'22"	-03°52'31"	11°51'03"	0.003

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23/06/2019 00:00:00	♀	26°23'46" ♉	21°36'20"	00°44'56"	01°00'39"	0.841
23/06/2019 00:00:00	♀	16°59'34" ♉	22°17'35"	-00°30'33"	01°13'16"	1.662
23/06/2019 00:00:00	♂	24°17'14" ♉	22°24'53"	01°10'41"	00°38'14"	2.532
23/06/2019 00:00:00	♃	17°55'46" ♏	-22°20'09"	00°33'15"	-00°07'16"	4.301
23/06/2019 00:00:00	♃	18°25'09" ♏	-21°49'55"	00°20'25"	-00°04'06"	9.075
23/06/2019 00:00:00	♃	05°37'29" ♏	12°55'52"	-00°29'29"	00°02'15"	20.397
23/06/2019 00:00:00	♃	18°43'25" ♏	-05°23'51"	-01°01'06"	-00°00'02"	29.699
23/06/2019 00:00:00	♃	22°24'11" ♏	-21°57'18"	-00°23'10"	-00°01'20"	32.875
23/06/2019 00:00:00	♃	17°41'25" ♉	22°15'59"	00°00'00"	00°01'17"	0.002
23/06/2019 00:00:00	♃	05°49'44" ♏	05°11'17"	03°07'47"	00°00'49"	18.843
23/06/2019 00:00:00	♃	05°35'26" ♏	-12°58'19"	-03°46'44"	00°06'41"	0.003
23/06/2019 00:00:00	♃	17°41'25" ♉	22°15'59"	00°00'00"	00°01'17"	0.002
23/06/2019 00:00:00	♃	09°00'52" ♏	-12°00'16"	-04°07'12"	-00°42'07"	0.003
23/06/2019 00:00:00	X	24°15'35" ♏	-01°34'54"	-11°47'46"	00°00'17"	96.433
23/06/2019 00:00:00	Y	27°35'31" ♏	08°06'38"	-11°47'53"	00°00'40"	85.607
24/06/2019 00:00:00	♃	02°13'46" ♉	23°25'00"	-00°00'00"	00°57'13"	1.016
24/06/2019 00:00:00	♃	16°46'55" ♏	-09°23'06"	-04°31'36"	11°52'01"	0.003
24/06/2019 00:00:00	♀	27°22'47" ♉	21°14'29"	00°34'17"	00°57'21"	0.825
24/06/2019 00:00:00	♀	18°12'51" ♉	22°26'44"	-00°28'10"	01°13'17"	1.665

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24/06/2019 00:00:00	♂	24°55'27" ☾	22°18'03"	01°10'42"	00°38'13"	2.537
24/06/2019 00:00:00	♃	17°48'32" ♁	-22°19'39"	00°33'05"	-00°07'12"	4.305
24/06/2019 00:00:00	♅	18°21'01" ♁	-21°50'33"	00°20'21"	-00°04'08"	9.070
24/06/2019 00:00:00	♁	05°39'43" ☾	12°56'36"	-00°29'30"	00°02'13"	20.383
24/06/2019 00:00:00	♃	18°43'21" ♁	-05°23'54"	-01°01'08"	-00°00'04"	29.682
24/06/2019 00:00:00	♁	22°22'51" ♁	-21°57'37"	-00°23'16"	-00°01'20"	32.869
24/06/2019 00:00:00	♁	17°42'31" ☾	22°15'50"	00°00'00"	00°00'51"	0.002
24/06/2019 00:00:00	♃	05°50'32" ♁	05°11'42"	03°07'53"	00°00'46"	18.827
24/06/2019 00:00:00	♁	05°42'07" ♁	-12°56'23"	-03°47'20"	00°06'41"	0.003
24/06/2019 00:00:00	♁	17°42'31" ☾	22°15'50"	00°00'00"	00°00'51"	0.002
24/06/2019 00:00:00	♁	08°22'12" ♁	-12°12'49"	-04°04'58"	-00°37'43"	0.003
24/06/2019 00:00:00	X	24°15'52" ♁	-01°34'52"	-11°47'51"	00°00'16"	96.418
24/06/2019 00:00:00	Y	27°36'11" ☾	08°06'42"	-11°47'58"	00°00'40"	85.597
25/06/2019 00:00:00	♁	03°11'00" ☾	23°23'50"	-00°00'00"	00°57'13"	1.016
25/06/2019 00:00:00	♁	28°41'22" ♁	-05°05'44"	-04°59'12"	11°57'37"	0.003
25/06/2019 00:00:00	♁	28°18'27" ☾	20°52'25"	00°23'04"	00°53'58"	0.808
25/06/2019 00:00:00	♀	19°26'09" ♁	22°35'15"	-00°25'45"	01°13'18"	1.667
25/06/2019 00:00:00	♂	25°33'41" ☾	22°11'04"	01°10'43"	00°38'13"	2.541
25/06/2019 00:00:00	♃	17°41'21" ♁	-22°19'09"	00°32'56"	-00°07'08"	4.308

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25/06/2019 00:00:00	♃	18°16'51" ♎	-21°51'11"	00°20'16"	-00°04'10"	9.066
25/06/2019 00:00:00	♅	05°41'56" ♊	12°57'19"	-00°29'31"	00°02'11"	20.369
25/06/2019 00:00:00	♆	18°43'15" ♋	-05°23'59"	-01°01'11"	-00°00'06"	29.666
25/06/2019 00:00:00	♁	22°21'30" ♉	-21°57'56"	-00°23'22"	-00°01'21"	32.864
25/06/2019 00:00:00	♄	17°43'05" ♌	22°15'46"	00°00'00"	00°00'15"	0.002
25/06/2019 00:00:00	♂	05°51'17" ♈	05°12'06"	03°08'00"	00°00'43"	18.810
25/06/2019 00:00:00	♁	05°48'48" ♉	-12°54'28"	-03°47'56"	00°06'41"	0.003
25/06/2019 00:00:00	♁	17°43'05" ♌	22°15'46"	00°00'00"	00°00'15"	0.002
25/06/2019 00:00:00	♁	07°39'52" ♋	-12°26'26"	-04°02'28"	-00°49'50"	0.003
25/06/2019 00:00:00	X	24°16'08" ♈	-01°34'51"	-11°47'55"	00°00'15"	96.402
25/06/2019 00:00:00	Y	27°36'52" ♊	08°06'46"	-11°48'03"	00°00'40"	85.587
26/06/2019 00:00:00	♁	04°08'14" ♌	23°22'15"	-00°00'00"	00°57'13"	1.017
26/06/2019 00:00:00	♂	10°43'44" ♈	-00°34'16"	-05°14'04"	12°07'53"	0.003
26/06/2019 00:00:00	♁	29°10'41" ♌	20°30'13"	00°11'18"	00°50'28"	0.792
26/06/2019 00:00:00	♁	20°39'28" ♌	22°43'07"	-00°23'20"	01°13'19"	1.670
26/06/2019 00:00:00	♁	26°11'54" ♌	22°03'55"	01°10'44"	00°38'12"	2.545
26/06/2019 00:00:00	♁	17°34'15" ♋	-22°18'39"	00°32'47"	-00°07'03"	4.312
26/06/2019 00:00:00	♃	18°12'40" ♎	-21°51'49"	00°20'12"	-00°04'12"	9.061
26/06/2019 00:00:00	♅	05°44'06" ♊	12°58'01"	-00°29'32"	00°02'09"	20.355



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26/06/2019 00:00:00	♁	18°43'08" ♈	-05°24'04"	-01°01'13"	-00°00'08"	29.649
26/06/2019 00:00:00	♁	22°20'08" ♈	-21°58'16"	-00°23'28"	-00°01'22"	32.859
26/06/2019 00:00:00	♁	17°43'02" ♈	22°15'46"	00°00'00"	-00°00'21"	0.002
26/06/2019 00:00:00	♁	05°51'59" ♈	05°12'28"	03°08'06"	00°00'40"	18.794
26/06/2019 00:00:00	♁	05°55'30" ♈	-12°52'32"	-03°48'32"	00°06'41"	0.003
26/06/2019 00:00:00	T♁	17°43'02" ♈	22°15'46"	00°00'00"	-00°00'21"	0.002
26/06/2019 00:00:00	T♁	06°36'54" ♈	-12°46'33"	-03°58'42"	-01°18'39"	0.003
26/06/2019 00:00:00	X	24°16'23" ♈	-01°34'50"	-11°48'00"	00°00'15"	96.387
26/06/2019 00:00:00	Y	27°37'32" ♈	08°06'50"	-11°48'07"	00°00'39"	85.577
27/06/2019 00:00:00	♁	05°05'27" ♈	23°20'15"	-00°00'00"	00°57'13"	1.017
27/06/2019 00:00:00	♁	22°58'37" ♈	04°03'00"	-05°15'04"	12°22'34"	0.003
27/06/2019 00:00:00	♁	29°59'22" ♈	20°08'01"	-00°00'58"	00°46'52"	0.777
27/06/2019 00:00:00	♁	21°52'48" ♈	22°50'20"	-00°20'54"	01°13'20"	1.673
27/06/2019 00:00:00	♁	26°50'06" ♈	21°56'37"	01°10'44"	00°38'12"	2.549
27/06/2019 00:00:00	♁	17°27'14" ♈	-22°18'09"	00°32'37"	-00°06'59"	4.316
27/06/2019 00:00:00	♁	18°08'26" ♈	-21°52'28"	00°20'07"	-00°04'14"	9.057
27/06/2019 00:00:00	♁	05°46'14" ♈	12°58'43"	-00°29'33"	00°02'06"	20.341
27/06/2019 00:00:00	♁	18°42'58" ♈	-05°24'10"	-01°01'16"	-00°00'10"	29.633
27/06/2019 00:00:00	♁	22°18'46" ♈	-21°58'35"	-00°23'34"	-00°01'22"	32.855

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27/06/2019 00:00:00	♏	17°42'23" ♉	22°15'51"	00°00'00"	-00°00'53"	0.002
27/06/2019 00:00:00	♋	05°52'38" ♏	05°12'50"	03°08'12"	00°00'37"	18.777
27/06/2019 00:00:00	♌	06°02'11" ♋	-12°50'36"	-03°49'07"	00°06'41"	0.003
27/06/2019 00:00:00	T♏	17°42'23" ♉	22°15'51"	00°00'00"	-00°00'53"	0.002
27/06/2019 00:00:00	T♌	04°58'28" ♋	-13°17'32"	-03°52'42"	-01°59'33"	0.003
27/06/2019 00:00:00	X	24°16'39" ♏	-01°34'50"	-11°48'05"	00°00'14"	96.371
27/06/2019 00:00:00	Y	27°38'11" ♉	08°06'53"	-11°48'12"	00°00'39"	85.566
28/06/2019 00:00:00	♉	06°02'41" ♉	23°17'51"	-00°00'00"	00°57'13"	1.017
28/06/2019 00:00:00	♊	05°30'09" ♉	08°36'48"	-05°01'20"	12°41'04"	0.003
28/06/2019 00:00:00	♎	00°44'23" ♉	19°45'54"	-00°13'45"	00°43'09"	0.761
28/06/2019 00:00:00	♍	23°06'09" ♏	22°56'55"	-00°18'28"	01°13'21"	1.675
28/06/2019 00:00:00	♈	27°28'19" ♉	21°49'09"	01°10'45"	00°38'12"	2.553
28/06/2019 00:00:00	♊	17°20'17" ♏	-22°17'40"	00°32'27"	-00°06'53"	4.321
28/06/2019 00:00:00	♎	18°04'10" ♏	-21°53'06"	00°20'02"	-00°04'16"	9.054
28/06/2019 00:00:00	♏	05°48'20" ♉	12°59'24"	-00°29'34"	00°02'04"	20.326
28/06/2019 00:00:00	♎	18°42'47" ♋	-05°24'17"	-01°01'18"	-00°00'12"	29.617
28/06/2019 00:00:00	♏	22°17'23" ♏	-21°58'54"	-00°23'40"	-00°01'23"	32.851
28/06/2019 00:00:00	♏	17°41'18" ♉	22°16'00"	00°00'00"	-00°01'14"	0.002
28/06/2019 00:00:00	♋	05°53'14" ♏	05°13'10"	03°08'19"	00°00'34"	18.761

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28/06/2019 00:00:00	☾	06°08'52" ♈	-12°48'39"	-03°49'43"	00°06'41"	0.003
28/06/2019 00:00:00	♁	17°41'18" ♉	22°16'00"	00°00'00"	-00°01'14"	0.002
28/06/2019 00:00:00	♁	02°37'09" ♈	-14°01'01"	-03°43'47"	-02°42'13"	0.003
28/06/2019 00:00:00	X	24°16'53" ♀	-01°34'49"	-11°48'11"	00°00'14"	96.355
28/06/2019 00:00:00	Y	27°38'51" ♉	08°06'56"	-11°48'17"	00°00'38"	85.555
29/06/2019 00:00:00	☉	06°59'55" ♉	23°15'02"	-00°00'00"	00°57'13"	1.017
29/06/2019 00:00:00	☾	18°21'43" ♉	12°55'35"	-04°32'20"	13°02'26"	0.003
29/06/2019 00:00:00	♁	01°25'38" ♈	19°23'59"	-00°27'00"	00°39'19"	0.746
29/06/2019 00:00:00	♀	24°19'31" ♀	23°02'49"	-00°16'02"	01°13'22"	1.678
29/06/2019 00:00:00	♂	28°06'30" ♉	21°41'32"	01°10'45"	00°38'11"	2.556
29/06/2019 00:00:00	♃	17°13'26" ♈	-22°17'11"	00°32'17"	-00°06'48"	4.325
29/06/2019 00:00:00	♄	17°59'53" ♈	-21°53'45"	00°19'58"	-00°04'17"	9.050
29/06/2019 00:00:00	♅	05°50'23" ♉	13°00'04"	-00°29'35"	00°02'02"	20.311
29/06/2019 00:00:00	♆	18°42'33" ♈	-05°24'25"	-01°01'21"	-00°00'14"	29.601
29/06/2019 00:00:00	♇	22°15'59" ♈	-21°59'14"	-00°23'46"	-00°01'23"	32.847
29/06/2019 00:00:00	♁	17°40'00" ♉	22°16'10"	00°00'00"	-00°01'20"	0.002
29/06/2019 00:00:00	♂	05°53'47" ♀	05°13'29"	03°08'25"	00°00'31"	18.744
29/06/2019 00:00:00	☾	06°15'33" ♈	-12°46'43"	-03°50'18"	00°06'41"	0.003
29/06/2019 00:00:00	♁	17°40'00" ♉	22°16'10"	00°00'00"	-00°01'20"	0.002

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29/06/2019 00:00:00	T♄	29°38'21" ♊	-14°54'11"	-03°31'59"	-03°11'59"	0.003
29/06/2019 00:00:00	X	24°17'07" ♀	-01°34'49"	-11°48'16"	00°00'13"	96.339
29/06/2019 00:00:00	Y	27°39'29" ♂	08°07'00"	-11°48'22"	00°00'38"	85.544
30/06/2019 00:00:00	☉	07°57'08" ♋	23°11'49"	-00°00'00"	00°57'13"	1.017
30/06/2019 00:00:00	☾	01°35'32" ♋	16°44'58"	-03°48'14"	13°25'17"	0.003
30/06/2019 00:00:00	♀	02°03'00" ♋	19°02'22"	-00°40'41"	00°35'22"	0.732
30/06/2019 00:00:00	♀	25°32'54" ♋	23°08'04"	-00°13'35"	01°13'23"	1.680
30/06/2019 00:00:00	♂	28°44'42" ♋	21°33'45"	01°10'45"	00°38'11"	2.560
30/06/2019 00:00:00	♃	17°06'40" ♌	-22°16'42"	00°32'08"	-00°06'42"	4.330
30/06/2019 00:00:00	♄	17°55'35" ♌	-21°54'24"	00°19'53"	-00°04'19"	9.047
30/06/2019 00:00:00	♅	05°52'24" ♂	13°00'43"	-00°29'35"	00°01'59"	20.297
30/06/2019 00:00:00	♆	18°42'18" ♍	-05°24'33"	-01°01'23"	-00°00'16"	29.585
30/06/2019 00:00:00	♇	22°14'35" ♌	-21°59'33"	-00°23'52"	-00°01'24"	32.843
30/06/2019 00:00:00	♈	17°38'42" ♋	22°16'20"	00°00'00"	-00°01'12"	0.002
30/06/2019 00:00:00	♁	05°54'17" ♀	05°13'46"	03°08'32"	00°00'28"	18.728
30/06/2019 00:00:00	♁	06°22'15" ♋	-12°44'46"	-03°50'54"	00°06'41"	0.003
30/06/2019 00:00:00	T♁	17°38'42" ♋	22°16'20"	00°00'00"	-00°01'12"	0.002
30/06/2019 00:00:00	T♄	26°21'48" ♊	-15°50'02"	-03°18'21"	-03°16'16"	0.003
30/06/2019 00:00:00	X	24°17'20" ♀	-01°34'49"	-11°48'21"	00°00'13"	96.323

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30/06/2019 00:00:00	Y	27°40'08" ♃	08°07'03"	-11°48'27"	00°00'38"	85.533
01/07/2019 00:00:00	☉	08°54'22" ♉	23°08'11"	-00°00'00"	00°57'13"	1.017
01/07/2019 00:00:00	☾	15°12'14" ♉	19°47'45"	-02°50'08"	13°47'55"	0.003
01/07/2019 00:00:00	♀	02°36'20" ♈	18°41'09"	-00°54'45"	00°31'18"	0.718
01/07/2019 00:00:00	♀	26°46'18" ♉	23°12'39"	-00°11'07"	01°13'24"	1.683
01/07/2019 00:00:00	♂	29°22'53" ♉	21°25'49"	01°10'45"	00°38'11"	2.564
01/07/2019 00:00:00	♃	17°00'00" ♉♂	-22°16'13"	00°31'58"	-00°06'36"	4.336
01/07/2019 00:00:00	♃	17°51'15" ♉♂	-21°55'03"	00°19'48"	-00°04'20"	9.045
01/07/2019 00:00:00	♃	05°54'23" ♃	13°01'21"	-00°29'36"	00°01'57"	20.282
01/07/2019 00:00:00	♃	18°42'01" ♃♂	-05°24'42"	-01°01'26"	-00°00'18"	29.569
01/07/2019 00:00:00	♃	22°13'11" ♃♂	-21°59'52"	-00°23'58"	-00°01'24"	32.840
01/07/2019 00:00:00	♃	17°37'38" ♃♂	22°16'28"	00°00'00"	-00°00'53"	0.002
01/07/2019 00:00:00	♃	05°54'44" ♃	05°14'03"	03°08'38"	00°00'25"	18.711
01/07/2019 00:00:00	♃	06°28'56" ♃	-12°42'49"	-03°51'29"	00°06'41"	0.003
01/07/2019 00:00:00	T♃	17°37'38" ♃♂	22°16'28"	00°00'00"	-00°00'53"	0.002
01/07/2019 00:00:00	T♃	23°15'00" ♃♂	-16°40'25"	-03°04'48"	-02°53'28"	0.003
01/07/2019 00:00:00	X	24°17'33" ♃	-01°34'49"	-11°48'26"	00°00'12"	96.307
01/07/2019 00:00:00	Y	27°40'46" ♃	08°07'05"	-11°48'33"	00°00'37"	85.521
02/07/2019 00:00:00	☉	09°51'36" ♉	23°04'09"	-00°00'00"	00°57'13"	1.017

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02/07/2019 00:00:00	♃	29°10'40" ♀	21°45'32"	-01°40'27"	14°08'25"	0.002
02/07/2019 00:00:00	♆	03°05'33" ♂	18°20'27"	-01°09'11"	00°27'06"	0.704
02/07/2019 00:00:00	♁	27°59'44" ♀	23°16'33"	-00°08'40"	01°13'25"	1.685
02/07/2019 00:00:00	♂	00°01'04" ♂	21°17'45"	01°10'45"	00°38'10"	2.568
02/07/2019 00:00:00	♃	16°53'26" ♀	-22°15'45"	00°31'47"	-00°06'30"	4.341
02/07/2019 00:00:00	♄	17°46'54" ♀	-21°55'42"	00°19'43"	-00°04'21"	9.042
02/07/2019 00:00:00	♁	05°56'19" ♂	13°01'59"	-00°29'37"	00°01'55"	20.267
02/07/2019 00:00:00	♃	18°41'42" ♀	-05°24'52"	-01°01'29"	-00°00'19"	29.554
02/07/2019 00:00:00	♁	22°11'47" ♀	-22°00'12"	-00°24'04"	-00°01'24"	32.837
02/07/2019 00:00:00	♁	17°36'56" ♀	22°16'34"	00°00'00"	-00°00'29"	0.002
02/07/2019 00:00:00	♃	05°55'08" ♂	05°14'18"	03°08'44"	00°00'22"	18.695
02/07/2019 00:00:00	♁	06°35'38" ♀	-12°40'52"	-03°52'04"	00°06'41"	0.003
02/07/2019 00:00:00	♁	17°36'56" ♀	22°16'34"	00°00'00"	-00°00'29"	0.002
02/07/2019 00:00:00	♃	20°40'04" ♀	-17°20'04"	-02°53'08"	-02°15'16"	0.003
02/07/2019 00:00:00	X	24°17'46" ♂	-01°34'50"	-11°48'31"	00°00'12"	96.291
02/07/2019 00:00:00	Y	27°41'23" ♂	08°07'08"	-11°48'38"	00°00'37"	85.509
03/07/2019 00:00:00	♁	10°48'50" ♀	22°59'43"	-00°00'00"	00°57'13"	1.017
03/07/2019 00:00:00	♃	13°27'44" ♀	22°22'25"	-00°22'59"	14°24'55"	0.002
03/07/2019 00:00:00	♆	03°30'31" ♂	18°00'23"	-01°23'55"	00°22'47"	0.691

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03/07/2019 00:00:00	♀	29°13'10" ♀	23°19'47"	-00°06'13"	01°13'26"	1.687
03/07/2019 00:00:00	♂	00°39'15" ♂	21°09'31"	01°10'44"	00°38'10"	2.571
03/07/2019 00:00:00	♃	16°46'59" ♃	-22°15'17"	00°31'37"	-00°06'24"	4.347
03/07/2019 00:00:00	♄	17°42'32" ♄	-21°56'21"	00°19'38"	-00°04'22"	9.040
03/07/2019 00:00:00	♅	05°58'13" ♅	13°02'35"	-00°29'38"	00°01'52"	20.251
03/07/2019 00:00:00	♆	18°41'21" ♆	-05°25'02"	-01°01'31"	-00°00'21"	29.538
03/07/2019 00:00:00	♇	22°10'22" ♇	-22°00'32"	-00°24'10"	-00°01'25"	32.834
03/07/2019 00:00:00	♈	17°36'39" ♈	22°16'36"	00°00'00"	-00°00'05"	0.002
03/07/2019 00:00:00	♉	05°55'28" ♉	05°14'32"	03°08'51"	00°00'19"	18.678
03/07/2019 00:00:00	♊	06°42'19" ♊	-12°38'54"	-03°52'39"	00°06'41"	0.003
03/07/2019 00:00:00	T♈	17°36'39" ♈	22°16'36"	00°00'00"	-00°00'05"	0.002
03/07/2019 00:00:00	T♉	18°43'39" ♉	-17°48'32"	-02°44'08"	-01°39'18"	0.003
03/07/2019 00:00:00	X	24°17'57" ♉	-01°34'51"	-11°48'36"	00°00'11"	96.275
03/07/2019 00:00:00	Y	27°42'01" ♉	08°07'10"	-11°48'44"	00°00'36"	85.497
04/07/2019 00:00:00	♊	11°46'04" ♊	22°54'53"	-00°00'00"	00°57'13"	1.017
04/07/2019 00:00:00	♋	27°58'41" ♋	21°29'50"	00°57'12"	14°35'59"	0.002
04/07/2019 00:00:00	♌	03°51'07" ♌	17°41'02"	-01°38'54"	00°18'22"	0.678
04/07/2019 00:00:00	♀	00°26'37" ♋	23°22'19"	-00°03'46"	01°13'27"	1.689
04/07/2019 00:00:00	♂	01°17'25" ♌	21°01'08"	01°10'44"	00°38'09"	2.575

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04/07/2019 00:00:00	♃	16°40'38" ♏	-22°14'50"	00°31'27"	-00°06'17"	4.353
04/07/2019 00:00:00	♅	17°38'10" ♏	-21°57'00"	00°19'33"	-00°04'23"	9.038
04/07/2019 00:00:00	♁	06°00'04" ♏	13°03'11"	-00°29'39"	00°01'50"	20.236
04/07/2019 00:00:00	♆	18°40'58" ♏	-05°25'14"	-01°01'34"	-00°00'23"	29.522
04/07/2019 00:00:00	♄	22°08'56" ♏	-22°00'51"	-00°24'15"	-00°01'25"	32.831
04/07/2019 00:00:00	♁	17°36'43" ♏	22°16'35"	00°00'00"	00°00'12"	0.002
04/07/2019 00:00:00	♆	05°55'46" ♏	05°14'45"	03°08'57"	00°00'15"	18.662
04/07/2019 00:00:00	♁	06°49'01" ♏	-12°36'57"	-03°53'14"	00°06'41"	0.003
04/07/2019 00:00:00	♁	17°36'43" ♏	22°16'35"	00°00'00"	00°00'12"	0.002
04/07/2019 00:00:00	♆	17°15'57" ♏	-18°09'10"	-02°37'12"	-01°19'27"	0.003
04/07/2019 00:00:00	X	24°18'08" ♏	-01°34'51"	-11°48'42"	00°00'10"	96.258
04/07/2019 00:00:00	Y	27°42'37" ♏	08°07'13"	-11°48'49"	00°00'36"	85.485
05/07/2019 00:00:00	♁	12°43'17" ♏	22°49'39"	-00°00'00"	00°57'13"	1.017
05/07/2019 00:00:00	♃	12°37'37" ♏	19°09'50"	02°14'23"	14°40'47"	0.002
05/07/2019 00:00:00	♆	04°07'14" ♏	17°22'32"	-01°54'04"	00°13'50"	0.666
05/07/2019 00:00:00	♁	01°40'05" ♏	23°24'11"	-00°01'19"	01°13'28"	1.692
05/07/2019 00:00:00	♁	01°55'35" ♏	20°52'36"	01°10'43"	00°38'09"	2.578
05/07/2019 00:00:00	♃	16°34'23" ♏	-22°14'23"	00°31'17"	-00°06'10"	4.360
05/07/2019 00:00:00	♅	17°33'46" ♏	-21°57'40"	00°19'28"	-00°04'23"	9.036



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05/07/2019 00:00:00	♃	06°01'53" ♂	13°03'46"	-00°29'40"	00°01'47"	20.221
05/07/2019 00:00:00	♃	18°40'33" ♀	-05°25'26"	-01°01'36"	-00°00'25"	29.507
05/07/2019 00:00:00	♃	22°07'30" ♀	-22°01'11"	-00°24'21"	-00°01'26"	32.829
05/07/2019 00:00:00	♃	17°37'01" ♀	22°16'33"	00°00'00"	00°00'21"	0.002
05/07/2019 00:00:00	♃	05°56'00" ♀	05°14'56"	03°09'04"	00°00'12"	18.645
05/07/2019 00:00:00	♃	06°55'42" ♀	-12°34'59"	-03°53'49"	00°06'41"	0.003
05/07/2019 00:00:00	♃	17°37'01" ♀	22°16'33"	00°00'00"	00°00'21"	0.002
05/07/2019 00:00:00	♃	15°57'51" ♀	-18°26'56"	-02°30'55"	-01°19'50"	0.003
05/07/2019 00:00:00	X	24°18'19" ♀	-01°34'53"	-11°48'47"	00°00'10"	96.242
05/07/2019 00:00:00	Y	27°43'13" ♂	08°07'15"	-11°48'55"	00°00'35"	85.473
06/07/2019 00:00:00	♃	13°40'30" ♀	22°44'01"	00°00'00"	00°57'13"	1.017
06/07/2019 00:00:00	♃	27°18'09" ♀	15°34'49"	03°22'52"	14°39'17"	0.002
06/07/2019 00:00:00	♃	04°18'47" ♀	17°04'59"	-02°09'20"	00°09'14"	0.654
06/07/2019 00:00:00	♃	02°53'33" ♀	23°25'22"	00°01'07"	01°13'29"	1.694
06/07/2019 00:00:00	♃	02°33'44" ♀	20°43'56"	01°10'42"	00°38'08"	2.582
06/07/2019 00:00:00	♃	16°28'16" ♀	-22°13'57"	00°31'06"	-00°06'03"	4.366
06/07/2019 00:00:00	♃	17°29'22" ♀	-21°58'19"	00°19'23"	-00°04'24"	9.035
06/07/2019 00:00:00	♃	06°03'39" ♂	13°04'21"	-00°29'41"	00°01'44"	20.205
06/07/2019 00:00:00	♃	18°40'07" ♀	-05°25'38"	-01°01'39"	-00°00'27"	29.492

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06/07/2019 00:00:00	♁	22°06'04" ♁	-22°01'31"	-00°24'27"	-00°01'26"	32.827
06/07/2019 00:00:00	♁	17°37'23" ♁	22°16'30"	00°00'00"	00°00'21"	0.002
06/07/2019 00:00:00	♁	05°56'11" ♁	05°15'07"	03°09'10"	00°00'09"	18.629
06/07/2019 00:00:00	♁	07°02'24" ♁	-12°33'01"	-03°54'23"	00°06'41"	0.003
06/07/2019 00:00:00	♁	17°37'23" ♁	22°16'30"	00°00'00"	00°00'21"	0.002
06/07/2019 00:00:00	♁	14°32'07" ♁	-18°45'45"	-02°23'54"	-01°32'16"	0.003
06/07/2019 00:00:00	X	24°18'29" ♁	-01°34'54"	-11°48'52"	00°00'09"	96.225
06/07/2019 00:00:00	Y	27°43'49" ♁	08°07'16"	-11°49'01"	00°00'35"	85.460
07/07/2019 00:00:00	♁	14°37'43" ♁	22°37'59"	00°00'00"	00°57'12"	1.017
07/07/2019 00:00:00	♁	11°54'19" ♁	11°03'53"	04°17'47"	14°32'12"	0.002
07/07/2019 00:00:00	♁	04°25'41" ♁	16°48'30"	-02°24'38"	00°04'33"	0.643
07/07/2019 00:00:00	♁	04°07'03" ♁	23°25'51"	00°03'33"	01°13'29"	1.696
07/07/2019 00:00:00	♁	03°11'53" ♁	20°35'07"	01°10'41"	00°38'08"	2.585
07/07/2019 00:00:00	♁	16°22'16" ♁	-22°13'31"	00°30'56"	-00°05'56"	4.373
07/07/2019 00:00:00	♁	17°24'57" ♁	-21°58'58"	00°19'18"	-00°04'25"	9.034
07/07/2019 00:00:00	♁	06°05'23" ♁	13°04'54"	-00°29'42"	00°01'42"	20.189
07/07/2019 00:00:00	♁	18°39'38" ♁	-05°25'52"	-01°01'41"	-00°00'29"	29.476
07/07/2019 00:00:00	♁	22°04'38" ♁	-22°01'51"	-00°24'33"	-00°01'26"	32.825
07/07/2019 00:00:00	♁	17°37'42" ♁	22°16'28"	00°00'00"	00°00'15"	0.002

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07/07/2019 00:00:00	♄	05°56'19" ♀	05°15'16"	03°09'16"	00°00'06"	18.613
07/07/2019 00:00:00	♁	07°09'05" ♀	-12°31'02"	-03°54'58"	00°06'41"	0.003
07/07/2019 00:00:00	♄♁	17°37'42" ♀	22°16'28"	00°00'00"	00°00'15"	0.002
07/07/2019 00:00:00	♄♁	12°55'55" ♀	-19°06'03"	-02°15'54"	-01°36'44"	0.003
07/07/2019 00:00:00	X	24°18'38" ♀	-01°34'56"	-11°48'58"	00°00'08"	96.209
07/07/2019 00:00:00	Y	27°44'24" ♂	08°07'18"	-11°49'07"	00°00'34"	85.447
08/07/2019 00:00:00	♁	15°34'56" ♀	22°31'34"	00°00'00"	00°57'12"	1.017
08/07/2019 00:00:00	♃	26°21'06" ♀	05°58'19"	04°55'43"	14°20'45"	0.002
08/07/2019 00:00:00	♁	04°27'53" ♀	16°33'09"	-02°39'53"	-00°00'08"	0.633
08/07/2019 00:00:00	♁	05°20'33" ♀	23°25'39"	00°05'58"	01°13'30"	1.698
08/07/2019 00:00:00	♁	03°50'01" ♀	20°26'09"	01°10'40"	00°38'08"	2.588
08/07/2019 00:00:00	♁	16°16'24" ♀	-22°13'06"	00°30'45"	-00°05'48"	4.380
08/07/2019 00:00:00	♁	17°20'32" ♀	-21°59'37"	00°19'13"	-00°04'25"	9.033
08/07/2019 00:00:00	♁	06°07'04" ♂	13°05'26"	-00°29'43"	00°01'39"	20.174
08/07/2019 00:00:00	♁	18°39'08" ♀	-05°26'06"	-01°01'43"	-00°00'31"	29.461
08/07/2019 00:00:00	♁	22°03'11" ♀	-22°02'10"	-00°24'39"	-00°01'26"	32.824
08/07/2019 00:00:00	♁	17°37'54" ♀	22°16'26"	00°00'00"	00°00'07"	0.002
08/07/2019 00:00:00	♄	05°56'24" ♀	05°15'23"	03°09'23"	00°00'03"	18.596
08/07/2019 00:00:00	♁	07°15'46" ♀	-12°29'04"	-03°55'32"	00°06'41"	0.003

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08/07/2019 00:00:00	T♄	17°37'54" ♉	22°16'26"	00°00'00"	00°00'07"	0.002
08/07/2019 00:00:00	T♄	11°29'10" ♋	-19°23'35"	-02°08'36"	-01°10'08"	0.003
08/07/2019 00:00:00	X	24°18'46" ♀	-01°34'58"	-11°49'03"	00°00'08"	96.192
08/07/2019 00:00:00	Y	27°44'59" ♋	08°07'19"	-11°49'13"	00°00'34"	85.435
09/07/2019 00:00:00	♁	16°32'08" ♉	22°24'45"	00°00'00"	00°57'12"	1.017
09/07/2019 00:00:00	♂	10°34'52" ♋	00°38'28"	05°14'51"	14°06'23"	0.002
09/07/2019 00:00:00	♀	04°25'23" ♋	16°19'05"	-02°54'58"	-00°04'51"	0.624
09/07/2019 00:00:00	♀	06°34'04" ♉	23°24'46"	00°08'23"	01°13'31"	1.700
09/07/2019 00:00:00	♂	04°28'09" ♋	20°17'03"	01°10'38"	00°38'07"	2.592
09/07/2019 00:00:00	♃	16°10'39" ♋	-22°12'41"	00°30'34"	-00°05'40"	4.388
09/07/2019 00:00:00	♃	17°16'06" ♋	-22°00'16"	00°19'08"	-00°04'25"	9.033
09/07/2019 00:00:00	♃	06°08'42" ♋	13°05'58"	-00°29'44"	00°01'37"	20.158
09/07/2019 00:00:00	♃	18°38'36" ♋	-05°26'21"	-01°01'46"	-00°00'33"	29.446
09/07/2019 00:00:00	♃	22°01'44" ♋	-22°02'30"	-00°24'45"	-00°01'27"	32.823
09/07/2019 00:00:00	♁	17°37'58" ♉	22°16'26"	00°00'00"	00°00'01"	0.002
09/07/2019 00:00:00	♃	05°56'25" ♋	05°15'30"	03°09'29"	-00°00'00"	18.580
09/07/2019 00:00:00	♃	07°22'28" ♋	-12°27'05"	-03°56'07"	00°06'41"	0.003
09/07/2019 00:00:00	T♄	17°37'58" ♉	22°16'26"	00°00'00"	00°00'01"	0.002
09/07/2019 00:00:00	T♄	10°49'27" ♋	-19°31'21"	-02°05'14"	-00°02'54"	0.003

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09/07/2019 00:00:00	X	24°18'54" ♀	-01°35'00"	-11°49'08"	00°00'07"	96.176
09/07/2019 00:00:00	Y	27°45'33" ♂	08°07'21"	-11°49'19"	00°00'33"	85.421
10/07/2019 00:00:00	☉	17°29'21" ♁	22°17'33"	00°00'00"	00°57'12"	1.017
10/07/2019 00:00:00	☾	24°33'22" ♁	-04°37'34"	05°14'57"	13°50'26"	0.003
10/07/2019 00:00:00	♁	04°18'11" ♁♄	16°06'22"	-03°09'47"	-00°09'32"	0.615
10/07/2019 00:00:00	♂	07°47'36" ♁	23°23'11"	00°10'48"	01°13'32"	1.702
10/07/2019 00:00:00	♂	05°06'16" ♁	20°07'48"	01°10'36"	00°38'07"	2.595
10/07/2019 00:00:00	♃	16°05'03" ♁♂	-22°12'17"	00°30'24"	-00°05'32"	4.395
10/07/2019 00:00:00	♅	17°11'41" ♁♂	-22°00'55"	00°19'03"	-00°04'25"	9.033
10/07/2019 00:00:00	♁	06°10'18" ♂	13°06'29"	-00°29'45"	00°01'34"	20.142
10/07/2019 00:00:00	♁	18°38'02" ♁♂	-05°26'36"	-01°01'48"	-00°00'34"	29.432
10/07/2019 00:00:00	♁	22°00'17" ♁♂	-22°02'50"	-00°24'50"	-00°01'27"	32.822
10/07/2019 00:00:00	♁	17°37'58" ♁♂	22°16'26"	00°00'00"	-00°00'00"	0.002
10/07/2019 00:00:00	♁	05°56'23" ♁♂	05°15'35"	03°09'35"	-00°00'03"	18.564
10/07/2019 00:00:00	♁	07°29'09" ♁♂	-12°25'06"	-03°56'41"	00°06'41"	0.003
10/07/2019 00:00:00	T♁	17°37'58" ♁♂	22°16'26"	00°00'00"	-00°00'00"	0.002
10/07/2019 00:00:00	T♁	11°32'46" ♁♂	-19°22'51"	-02°08'54"	01°32'11"	0.003
10/07/2019 00:00:00	X	24°19'01" ♀	-01°35'03"	-11°49'14"	00°00'06"	96.159
10/07/2019 00:00:00	Y	27°46'06" ♂	08°07'22"	-11°49'25"	00°00'33"	85.408

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11/07/2019 00:00:00	♁	18°26'33" ♉	22°09'58"	00°00'00"	00°57'12"	1.017
11/07/2019 00:00:00	♃	08°15'36" ♈	-09°33'59"	04°57'01"	13°34'02"	0.003
11/07/2019 00:00:00	♆	04°06'20" ♄	15°55'06"	-03°24'12"	-00°14'07"	0.607
11/07/2019 00:00:00	♀	09°01'09" ♉	23°20'54"	00°13'11"	01°13'33"	1.703
11/07/2019 00:00:00	♂	05°44'23" ♈	19°58'25"	01°10'35"	00°38'06"	2.598
11/07/2019 00:00:00	♈	15°59'34" ♈	-22°11'54"	00°30'13"	-00°05'24"	4.403
11/07/2019 00:00:00	♄	17°07'15" ♄	-22°01'34"	00°18'58"	-00°04'25"	9.033
11/07/2019 00:00:00	♁	06°11'51" ♉	13°06'58"	-00°29'46"	00°01'31"	20.126
11/07/2019 00:00:00	♆	18°37'26" ♄	-05°26'53"	-01°01'51"	-00°00'36"	29.417
11/07/2019 00:00:00	♄	21°58'49" ♄	-22°03'10"	-00°24'56"	-00°01'27"	32.822
11/07/2019 00:00:00	♁	17°38'00" ♉	22°16'26"	00°00'00"	00°00'03"	0.002
11/07/2019 00:00:00	♆	05°56'19" ♄	05°15'39"	03°09'42"	-00°00'06"	18.548
11/07/2019 00:00:00	♁	07°35'51" ♉	-12°23'07"	-03°57'15"	00°06'41"	0.003
11/07/2019 00:00:00	♁	17°38'00" ♉	22°16'26"	00°00'00"	00°00'03"	0.002
11/07/2019 00:00:00	♆	13°54'33" ♄	-18°53'45"	-02°20'46"	03°09'34"	0.003
11/07/2019 00:00:00	X	24°19'08" ♈	-01°35'05"	-11°49'19"	00°00'06"	96.143
11/07/2019 00:00:00	Y	27°46'39" ♈	08°07'22"	-11°49'32"	00°00'32"	85.395
12/07/2019 00:00:00	♁	19°23'45" ♉	22°02'01"	00°00'00"	00°57'12"	1.017
12/07/2019 00:00:00	♃	21°41'34" ♈	-13°56'52"	04°23'03"	13°17'57"	0.003

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12/07/2019 00:00:00	♀	03°49'59" ♈r	15°45'21"	-03°38'05"	-00°18'34"	0.599
12/07/2019 00:00:00	♀	10°14'43" ♉	23°17'57"	00°15'34"	01°13'34"	1.705
12/07/2019 00:00:00	♂	06°22'30" ♈	19°48'54"	01°10'32"	00°38'06"	2.601
12/07/2019 00:00:00	♃	15°54'15" ♈r	-22°11'32"	00°30'02"	-00°05'15"	4.411
12/07/2019 00:00:00	♃	17°02'50" ♈r	-22°02'12"	00°18'52"	-00°04'24"	9.033
12/07/2019 00:00:00	♃	06°13'22" ♉	13°07'27"	-00°29'47"	00°01'29"	20.110
12/07/2019 00:00:00	♃	18°36'48" ♈r	-05°27'10"	-01°01'53"	-00°00'38"	29.403
12/07/2019 00:00:00	♃	21°57'22" ♈r	-22°03'29"	-00°25'02"	-00°01'27"	32.821
12/07/2019 00:00:00	♃	17°38'06" ♉	22°16'25"	00°00'00"	00°00'10"	0.002
12/07/2019 00:00:00	♃	05°56'11" ♈r	05°15'41"	03°09'48"	-00°00'09"	18.532
12/07/2019 00:00:00	♃	07°42'32" ♈	-12°21'08"	-03°57'49"	00°06'41"	0.003
12/07/2019 00:00:00	T♃	17°38'06" ♉	22°16'25"	00°00'00"	00°00'10"	0.002
12/07/2019 00:00:00	T♃	17°44'40" ♃	-18°02'29"	-02°39'29"	04°25'32"	0.003
12/07/2019 00:00:00	X	24°19'14" ♈	-01°35'08"	-11°49'25"	00°00'05"	96.126
12/07/2019 00:00:00	Y	27°47'12" ♉	08°07'23"	-11°49'38"	00°00'32"	85.381
13/07/2019 00:00:00	♃	20°20'57" ♉	21°53'40"	00°00'00"	00°57'12"	1.017
13/07/2019 00:00:00	♃	04°51'48" ♈r	-17°33'56"	03°35'46"	13°02'40"	0.003
13/07/2019 00:00:00	♀	03°29'16" ♈r	15°37'12"	-03°51'19"	-00°22'48"	0.593
13/07/2019 00:00:00	♀	11°28'17" ♉	23°14'18"	00°17'55"	01°13'35"	1.707

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13/07/2019 00:00:00	♂	07°00'36" ♏	19°39'15"	01°10'30"	00°38'06"	2.604
13/07/2019 00:00:00	♃	15°49'03" ♏r	-22°11'10"	00°29'51"	-00°05'07"	4.420
13/07/2019 00:00:00	♃	16°58'25" ♏r	-22°02'51"	00°18'47"	-00°04'24"	9.034
13/07/2019 00:00:00	♃	06°14'50" ♏	13°07'55"	-00°29'48"	00°01'26"	20.094
13/07/2019 00:00:00	♃	18°36'09" ♏r	-05°27'27"	-01°01'55"	-00°00'40"	29.388
13/07/2019 00:00:00	♃	21°55'54" ♏r	-22°03'49"	-00°25'08"	-00°01'27"	32.821
13/07/2019 00:00:00	♏	17°38'21" ♏	22°16'23"	00°00'00"	00°00'17"	0.002
13/07/2019 00:00:00	♃	05°56'00" ♏r	05°15'43"	03°09'54"	-00°00'12"	18.516
13/07/2019 00:00:00	♃	07°49'14" ♏	-12°19'08"	-03°58'23"	00°06'41"	0.003
13/07/2019 00:00:00	T♏	17°38'21" ♏	22°16'23"	00°00'00"	00°00'17"	0.002
13/07/2019 00:00:00	T♃	22°33'22" ♏	-16°51'28"	-03°01'55"	05°04'59"	0.003
13/07/2019 00:00:00	X	24°19'19" ♏	-01°35'12"	-11°49'30"	00°00'05"	96.109
13/07/2019 00:00:00	Y	27°47'44" ♏	08°07'23"	-11°49'45"	00°00'31"	85.367
14/07/2019 00:00:00	♃	21°18'09" ♏	21°44'57"	-00°00'00"	00°57'12"	1.017
14/07/2019 00:00:00	♃	17°47'15" ♏	-20°14'54"	02°38'14"	12°48'24"	0.003
14/07/2019 00:00:00	♃	03°04'27" ♏r	15°30'42"	-04°03'45"	-00°26'46"	0.588
14/07/2019 00:00:00	♀	12°41'53" ♏	23°09'57"	00°20'16"	01°13'36"	1.708
14/07/2019 00:00:00	♂	07°38'42" ♏	19°29'28"	01°10'28"	00°38'05"	2.607
14/07/2019 00:00:00	♃	15°44'01" ♏r	-22°10'49"	00°29'40"	-00°04'58"	4.428



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14/07/2019 00:00:00	♃	16°54'01" ♎	-22°03'29"	00°18'42"	-00°04'24"	9.035
14/07/2019 00:00:00	♅	06°16'15" ♋	13°08'22"	-00°29'49"	00°01'23"	20.077
14/07/2019 00:00:00	♆	18°35'28" ♏	-05°27'45"	-01°01'58"	-00°00'41"	29.374
14/07/2019 00:00:00	♁	21°54'27" ♉	-22°04'09"	-00°25'14"	-00°01'27"	32.822
14/07/2019 00:00:00	♄	17°38'40" ♉	22°16'20"	00°00'00"	00°00'20"	0.002
14/07/2019 00:00:00	♂	05°55'46" ♈	05°15'43"	03°10'00"	-00°00'15"	18.500
14/07/2019 00:00:00	♁	07°55'55" ♏	-12°17'08"	-03°58'56"	00°06'41"	0.003
14/07/2019 00:00:00	♄	17°38'40" ♉	22°16'20"	00°00'00"	00°00'20"	0.002
14/07/2019 00:00:00	♁	27°40'36" ♏	-15°28'24"	-03°24'21"	05°02'33"	0.003
14/07/2019 00:00:00	X	24°19'24" ♈	-01°35'15"	-11°49'36"	00°00'04"	96.092
14/07/2019 00:00:00	Y	27°48'15" ♋	08°07'23"	-11°49'51"	00°00'31"	85.353
15/07/2019 00:00:00	♁	22°15'21" ♉	21°35'52"	-00°00'00"	00°57'12"	1.016
15/07/2019 00:00:00	♃	00°29'01" ♎	-21°52'15"	01°33'50"	12°35'18"	0.003
15/07/2019 00:00:00	♁	02°35'49" ♏	15°25'54"	-04°15'14"	-00°30'24"	0.583
15/07/2019 00:00:00	♁	13°55'30" ♉	23°04'56"	00°22'35"	01°13'37"	1.710
15/07/2019 00:00:00	♂	08°16'47" ♏	19°19'32"	01°10'25"	00°38'05"	2.610
15/07/2019 00:00:00	♁	15°39'07" ♏	-22°10'29"	00°29'29"	-00°04'49"	4.437
15/07/2019 00:00:00	♃	16°49'37" ♎	-22°04'07"	00°18'36"	-00°04'23"	9.037
15/07/2019 00:00:00	♅	06°17'37" ♋	13°08'48"	-00°29'50"	00°01'21"	20.061

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15/07/2019 00:00:00	♁	18°34'46"	♋	-05°28'04"	-01°02'00"	-00°00'43"	29.360
15/07/2019 00:00:00	♁	21°53'00"	♋	-22°04'28"	-00°25'19"	-00°01'27"	32.823
15/07/2019 00:00:00	♁	17°39'00"	♋	22°16'18"	00°00'00"	00°00'17"	0.003
15/07/2019 00:00:00	♁	05°55'29"	♋	05°15'42"	03°10'06"	-00°00'18"	18.484
15/07/2019 00:00:00	♁	08°02'37"	♋	-12°15'08"	-03°59'30"	00°06'41"	0.003
15/07/2019 00:00:00	T♁	17°39'00"	♋	22°16'18"	00°00'00"	00°00'17"	0.003
15/07/2019 00:00:00	T♁	02°25'56"	♋	-14°05'00"	-03°43'41"	04°22'47"	0.003
15/07/2019 00:00:00	X	24°19'29"	♋	-01°35'19"	-11°49'41"	00°00'03"	96.076
15/07/2019 00:00:00	Y	27°48'46"	♋	08°07'23"	-11°49'58"	00°00'30"	85.339
16/07/2019 00:00:00	♁	23°12'34"	♋	21°26'25"	-00°00'00"	00°57'12"	1.016
16/07/2019 00:00:00	♁	12°58'17"	♋	-22°22'23"	00°25'57"	12°23'26"	0.003
16/07/2019 00:00:00	♁	02°03'46"	♋	15°22'49"	-04°25'37"	-00°33'37"	0.580
16/07/2019 00:00:00	♁	15°09'08"	♋	22°59'14"	00°24'53"	01°13'38"	1.712
16/07/2019 00:00:00	♁	08°54'53"	♋	19°09'29"	01°10'22"	00°38'05"	2.613
16/07/2019 00:00:00	♁	15°34'22"	♋	-22°10'10"	00°29'17"	-00°04'40"	4.446
16/07/2019 00:00:00	♁	16°45'14"	♋	-22°04'45"	00°18'31"	-00°04'22"	9.038
16/07/2019 00:00:00	♁	06°18'57"	♋	13°09'14"	-00°29'51"	00°01'18"	20.045
16/07/2019 00:00:00	♁	18°34'01"	♋	-05°28'24"	-01°02'02"	-00°00'45"	29.346
16/07/2019 00:00:00	♁	21°51'32"	♋	-22°04'48"	-00°25'25"	-00°01'27"	32.824

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16/07/2019 00:00:00	♏	17°39'13" ♁	22°16'16"	00°00'00"	00°00'06"	0.003
16/07/2019 00:00:00	♋	05°55'09" ♀	05°15'40"	03°10'12"	-00°00'21"	18.468
16/07/2019 00:00:00	♏	08°09'19" ♀	-12°13'08"	-04°00'03"	00°06'41"	0.003
16/07/2019 00:00:00	♏	17°39'13" ♁	22°16'16"	00°00'00"	00°00'06"	0.003
16/07/2019 00:00:00	♏	06°18'19" ♀	-12°53'04"	-03°58'16"	03°19'37"	0.003
16/07/2019 00:00:00	X	24°19'32" ♀	-01°35'22"	-11°49'47"	00°00'03"	96.059
16/07/2019 00:00:00	Y	27°49'16" ♂	08°07'23"	-11°50'05"	00°00'30"	85.325
17/07/2019 00:00:00	♏	24°09'47" ♁	21°16'36"	-00°00'00"	00°57'12"	1.016
17/07/2019 00:00:00	♏	25°16'22" ♂	-21°46'10"	-00°42'08"	12°12'57"	0.003
17/07/2019 00:00:00	♏	01°28'45" ♂	15°21'28"	-04°34'46"	-00°36'20"	0.578
17/07/2019 00:00:00	♏	16°22'46" ♁	22°52'51"	00°27'10"	01°13'39"	1.713
17/07/2019 00:00:00	♏	09°32'58" ♂	18°59'18"	01°10'19"	00°38'04"	2.616
17/07/2019 00:00:00	♏	15°29'46" ♂	-22°09'51"	00°29'06"	-00°04'30"	4.455
17/07/2019 00:00:00	♏	16°40'52" ♂	-22°05'23"	00°18'25"	-00°04'21"	9.040
17/07/2019 00:00:00	♏	06°20'14" ♂	13°09'38"	-00°29'52"	00°01'15"	20.028
17/07/2019 00:00:00	♏	18°33'15" ♀	-05°28'44"	-01°02'05"	-00°00'46"	29.332
17/07/2019 00:00:00	♏	21°50'05" ♂	-22°05'08"	-00°25'31"	-00°01'27"	32.825
17/07/2019 00:00:00	♏	17°39'11" ♁	22°16'16"	00°00'00"	-00°00'12"	0.003
17/07/2019 00:00:00	♋	05°54'46" ♀	05°15'36"	03°10'19"	-00°00'24"	18.452

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17/07/2019 00:00:00	☾	08°16'00" ♋	-12°11'07"	-04°00'37"	00°06'41"	0.003
17/07/2019 00:00:00	♁	17°39'11" ♋	22°16'16"	00°00'00"	-00°00'12"	0.003
17/07/2019 00:00:00	♁	09°03'54" ♋	-11°59'49"	-04°07'57"	02°12'33"	0.003
17/07/2019 00:00:00	X	24°19'35" ♋	-01°35'26"	-11°49'52"	00°00'02"	96.042
17/07/2019 00:00:00	Y	27°49'46" ♋	08°07'23"	-11°50'11"	00°00'29"	85.310
18/07/2019 00:00:00	☉	25°07'00" ♋	21°06'25"	-00°00'00"	00°57'13"	1.016
18/07/2019 00:00:00	☾	07°24'44" ♋	-20°08'43"	-01°47'22"	12°04'03"	0.003
18/07/2019 00:00:00	♀	00°51'16" ♋	15°21'50"	-04°42'33"	-00°38'31"	0.576
18/07/2019 00:00:00	♀	17°36'26" ♋	22°45'48"	00°29'25"	01°13'40"	1.714
18/07/2019 00:00:00	♂	10°11'03" ♋	18°49'00"	01°10'16"	00°38'04"	2.618
18/07/2019 00:00:00	♃	15°25'20" ♋	-22°09'34"	00°28'55"	-00°04'21"	4.465
18/07/2019 00:00:00	♃	16°36'31" ♋	-22°06'01"	00°18'20"	-00°04'20"	9.043
18/07/2019 00:00:00	♃	06°21'29" ♋	13°10'02"	-00°29'53"	00°01'12"	20.012
18/07/2019 00:00:00	♃	18°32'27" ♋	-05°29'05"	-01°02'07"	-00°00'48"	29.319
18/07/2019 00:00:00	♃	21°48'38" ♋	-22°05'27"	-00°25'36"	-00°01'27"	32.826
18/07/2019 00:00:00	♁	17°38'47" ♋	22°16'20"	00°00'00"	-00°00'35"	0.003
18/07/2019 00:00:00	♃	05°54'20" ♋	05°15'31"	03°10'25"	-00°00'27"	18.437
18/07/2019 00:00:00	☾	08°22'42" ♋	-12°09'07"	-04°01'10"	00°06'41"	0.003
18/07/2019 00:00:00	♁	17°38'47" ♋	22°16'20"	00°00'00"	-00°00'35"	0.003

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18/07/2019 00:00:00	T♄	10°48'12" ♈	-11°25'28"	-04°13'44"	01°19'25"	0.003
18/07/2019 00:00:00	X	24°19'38" ♀	-01°35'31"	-11°49'58"	00°00'02"	96.026
18/07/2019 00:00:00	Y	27°50'15" ♄	08°07'22"	-11°50'18"	00°00'28"	85.296
19/07/2019 00:00:00	☉	26°04'13" ♉	20°55'53"	-00°00'00"	00°57'13"	1.016
19/07/2019 00:00:00	☾	19°25'07" ♋	-17°38'17"	-02°47'06"	11°57'05"	0.003
19/07/2019 00:00:00	♀	00°11'54" ♋♄	15°23'53"	-04°48'52"	-00°40'04"	0.577
19/07/2019 00:00:00	♀	18°50'07" ♉	22°38'04"	00°31'38"	01°13'41"	1.716
19/07/2019 00:00:00	♂	10°49'07" ♋	18°38'34"	01°10'13"	00°38'04"	2.621
19/07/2019 00:00:00	♃	15°21'03" ♋♄	-22°09'17"	00°28'44"	-00°04'12"	4.475
19/07/2019 00:00:00	♅	16°32'11" ♋♄	-22°06'38"	00°18'14"	-00°04'19"	9.045
19/07/2019 00:00:00	♁	06°22'40" ♄	13°10'24"	-00°29'54"	00°01'10"	19.995
19/07/2019 00:00:00	♃	18°31'38" ♋♄	-05°29'26"	-01°02'09"	-00°00'50"	29.305
19/07/2019 00:00:00	♁	21°47'10" ♋♄	-22°05'47"	-00°25'42"	-00°01'27"	32.828
19/07/2019 00:00:00	♁	17°38'00" ♉	22°16'26"	00°00'00"	-00°00'59"	0.003
19/07/2019 00:00:00	♃	05°53'51" ♋♄	05°15'25"	03°10'31"	-00°00'30"	18.421
19/07/2019 00:00:00	♄	08°29'24" ♈	-12°07'06"	-04°01'43"	00°06'41"	0.003
19/07/2019 00:00:00	T♁	17°38'00" ♉	22°16'26"	00°00'00"	-00°00'59"	0.003
19/07/2019 00:00:00	T♄	11°50'26" ♈	-11°04'41"	-04°17'02"	00°48'55"	0.003
19/07/2019 00:00:00	X	24°19'39" ♀	-01°35'35"	-11°50'03"	00°00'01"	96.009

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19/07/2019 00:00:00	Y	27°50'44" ♃	08°07'21"	-11°50'25"	00°00'28"	85.281
20/07/2019 00:00:00	☉	27°01'27" ♉	20°45'00"	-00°00'00"	00°57'14"	1.016
20/07/2019 00:00:00	☾	01°19'40" ♉	-14°24'34"	-03°39'00"	11°52'25"	0.003
20/07/2019 00:00:00	♀	29°31'19" ♉	15°27'34"	-04°53'36"	-00°40'58"	0.578
20/07/2019 00:00:00	♀	20°03'49" ♉	22°29'41"	00°33'50"	01°13'42"	1.717
20/07/2019 00:00:00	♂	11°27'12" ♉	18°28'00"	01°10'10"	00°38'04"	2.624
20/07/2019 00:00:00	♃	15°16'56" ♉	-22°09'02"	00°28'32"	-00°04'02"	4.485
20/07/2019 00:00:00	♃	16°27'52" ♉	-22°07'15"	00°18'09"	-00°04'18"	9.048
20/07/2019 00:00:00	♃	06°23'49" ♃	13°10'46"	-00°29'55"	00°01'07"	19.979
20/07/2019 00:00:00	♃	18°30'47" ♉	-05°29'48"	-01°02'12"	-00°00'51"	29.292
20/07/2019 00:00:00	♃	21°45'43" ♉	-22°06'06"	-00°25'48"	-00°01'27"	32.830
20/07/2019 00:00:00	♃	17°36'51" ♉	22°16'35"	00°00'00"	-00°01'18"	0.002
20/07/2019 00:00:00	♃	05°53'18" ♉	05°15'17"	03°10'36"	-00°00'33"	18.406
20/07/2019 00:00:00	♃	08°36'05" ♉	-12°05'05"	-04°02'16"	00°06'41"	0.003
20/07/2019 00:00:00	T♃	17°36'51" ♉	22°16'35"	00°00'00"	-00°01'18"	0.002
20/07/2019 00:00:00	T♃	12°32'45" ♉	-10°50'26"	-04°19'14"	00°38'16"	0.003
20/07/2019 00:00:00	X	24°19'40" ♉	-01°35'40"	-11°50'09"	00°00'00"	95.992
20/07/2019 00:00:00	Y	27°51'12" ♃	08°07'20"	-11°50'33"	00°00'27"	85.266
21/07/2019 00:00:00	☉	27°58'42" ♉	20°33'46"	-00°00'00"	00°57'14"	1.016

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21/07/2019 00:00:00	♃	13°10'55" ♈	-10°37'32"	-04°21'13"	11°50'34"	0.003
21/07/2019 00:00:00	♆	28°50'11" ♁	15°32'48"	-04°56'40"	-00°41'10"	0.580
21/07/2019 00:00:00	♀	21°17'32" ♁	22°20'38"	00°36'00"	01°13'43"	1.718
21/07/2019 00:00:00	♂	12°05'16" ♏	18°17'19"	01°10'06"	00°38'04"	2.626
21/07/2019 00:00:00	♃	15°12'58" ♈	-22°08'47"	00°28'21"	-00°03'52"	4.495
21/07/2019 00:00:00	♃	16°23'34" ♈	-22°07'52"	00°18'03"	-00°04'16"	9.051
21/07/2019 00:00:00	♃	06°24'55" ♈	13°11'06"	-00°29'57"	00°01'04"	19.962
21/07/2019 00:00:00	♃	18°29'54" ♈	-05°30'11"	-01°02'14"	-00°00'53"	29.279
21/07/2019 00:00:00	♃	21°44'16" ♈	-22°06'26"	-00°25'53"	-00°01'26"	32.833
21/07/2019 00:00:00	♏	17°35'26" ♁	22°16'46"	00°00'00"	-00°01'28"	0.002
21/07/2019 00:00:00	♃	05°52'43" ♈	05°15'09"	03°10'42"	-00°00'37"	18.391
21/07/2019 00:00:00	♃	08°42'47" ♈	-12°03'03"	-04°02'49"	00°06'41"	0.003
21/07/2019 00:00:00	♏	17°35'26" ♁	22°16'46"	00°00'00"	-00°01'28"	0.002
21/07/2019 00:00:00	♃	13°10'14" ♈	-10°37'46"	-04°21'11"	00°37'23"	0.003
21/07/2019 00:00:00	X	24°19'41" ♈	-01°35'45"	-11°50'14"	00°00'00"	95.975
21/07/2019 00:00:00	Y	27°51'39" ♈	08°07'19"	-11°50'40"	00°00'27"	85.251
22/07/2019 00:00:00	♁	28°55'57" ♁	20°22'11"	-00°00'00"	00°57'15"	1.016
22/07/2019 00:00:00	♃	25°01'55" ♈	-06°26'36"	-04°52'14"	11°52'00"	0.003
22/07/2019 00:00:00	♆	28°09'13" ♁	15°39'30"	-04°58'02"	-00°40'38"	0.584

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22/07/2019 00:00:00	♀	22°31'17" ♉	22°10'55"	00°38'09"	01°13'44"	1.720
22/07/2019 00:00:00	♂	12°43'20" ♋	18°06'31"	01°10'02"	00°38'04"	2.629
22/07/2019 00:00:00	♃	15°09'11" ♈	-22°08'33"	00°28'10"	-00°03'42"	4.505
22/07/2019 00:00:00	♅	16°19'18" ♌	-22°08'29"	00°17'57"	-00°04'15"	9.055
22/07/2019 00:00:00	♁	06°25'58" ♉	13°11'26"	-00°29'58"	00°01'01"	19.945
22/07/2019 00:00:00	♃	18°29'00" ♈	-05°30'34"	-01°02'16"	-00°00'55"	29.266
22/07/2019 00:00:00	♁	21°42'49" ♉	-22°06'45"	-00°25'59"	-00°01'26"	32.835
22/07/2019 00:00:00	♋	17°33'58" ♌	22°16'57"	00°00'00"	-00°01'25"	0.002
22/07/2019 00:00:00	♅	05°52'04" ♌	05°14'59"	03°10'48"	-00°00'40"	18.375
22/07/2019 00:00:00	♁	08°49'28" ♉	-12°01'02"	-04°03'22"	00°06'41"	0.003
22/07/2019 00:00:00	T♋	17°33'58" ♌	22°16'57"	00°00'00"	-00°01'25"	0.002
22/07/2019 00:00:00	T♁	13°47'05" ♉	-10°25'17"	-04°23'05"	00°35'17"	0.003
22/07/2019 00:00:00	X	24°19'40" ♈	-01°35'50"	-11°50'20"	-00°00'00"	95.959
22/07/2019 00:00:00	Y	27°52'06" ♉	08°07'18"	-11°50'47"	00°00'26"	85.236
23/07/2019 00:00:00	♁	29°53'13" ♉	20°10'16"	-00°00'00"	00°57'16"	1.016
23/07/2019 00:00:00	♃	06°56'12" ♈	-02°00'23"	-05°10'51"	11°57'13"	0.003
23/07/2019 00:00:00	♁	27°29'09" ♉	15°47'34"	-04°57'40"	-00°39'22"	0.589
23/07/2019 00:00:00	♀	23°45'02" ♉	22°00'33"	00°40'15"	01°13'46"	1.721
23/07/2019 00:00:00	♂	13°21'24" ♋	17°55'35"	01°09'58"	00°38'04"	2.631



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23/07/2019 00:00:00	♃	15°05'33" ♏	-22°08'21"	00°27'58"	-00°03'32"	4.516
23/07/2019 00:00:00	♅	16°15'03" ♏	-22°09'05"	00°17'52"	-00°04'13"	9.058
23/07/2019 00:00:00	♁	06°26'59" ♏	13°11'45"	-00°29'59"	00°00'58"	19.929
23/07/2019 00:00:00	♆	18°28'04" ♏	-05°30'58"	-01°02'18"	-00°00'56"	29.254
23/07/2019 00:00:00	♄	21°41'23" ♏	-22°07'04"	-00°26'05"	-00°01'26"	32.838
23/07/2019 00:00:00	♁	17°32'40" ♏	22°17'07"	00°00'00"	-00°01'08"	0.002
23/07/2019 00:00:00	♆	05°51'22" ♏	05°14'48"	03°10'54"	-00°00'43"	18.360
23/07/2019 00:00:00	♁	08°56'10" ♏	-11°59'00"	-04°03'54"	00°06'41"	0.003
23/07/2019 00:00:00	T♁	17°32'40" ♏	22°17'07"	00°00'00"	-00°01'08"	0.002
23/07/2019 00:00:00	T♆	14°17'41" ♏	-10°14'53"	-04°24'41"	00°23'53"	0.003
23/07/2019 00:00:00	X	24°19'39" ♏	-01°35'56"	-11°50'25"	-00°00'01"	95.942
23/07/2019 00:00:00	Y	27°52'32" ♏	08°07'16"	-11°50'54"	00°00'25"	85.220
24/07/2019 00:00:00	♁	00°50'30" ♏	19°58'00"	-00°00'00"	00°57'17"	1.016
24/07/2019 00:00:00	♃	18°57'44" ♏	02°32'49"	-05°16'07"	12°06'33"	0.003
24/07/2019 00:00:00	♆	26°50'42" ♏	15°56'52"	-04°55'33"	-00°37'23"	0.596
24/07/2019 00:00:00	♁	24°58'49" ♏	21°49'33"	00°42'20"	01°13'47"	1.722
24/07/2019 00:00:00	♁	13°59'28" ♏	17°44'32"	01°09'54"	00°38'04"	2.633
24/07/2019 00:00:00	♃	15°02'05" ♏	-22°08'09"	00°27'47"	-00°03'22"	4.526
24/07/2019 00:00:00	♅	16°10'50" ♏	-22°09'41"	00°17'46"	-00°04'12"	9.062

Ephemerides year 2019

24/07/2019 00:00:00	♃	06°27'56" ♉	13°12'03"	-00°30'00"	00°00'56"	19.912
24/07/2019 00:00:00	♃	18°27'06" ♉	-05°31'23"	-01°02'20"	-00°00'58"	29.241
24/07/2019 00:00:00	♃	21°39'56" ♉	-22°07'24"	-00°26'10"	-00°01'26"	32.842
24/07/2019 00:00:00	♃	17°31'45" ♉	22°17'15"	00°00'00"	-00°00'39"	0.002
24/07/2019 00:00:00	♃	05°50'38" ♉	05°14'35"	03°11'00"	-00°00'46"	18.345
24/07/2019 00:00:00	♃	09°02'51" ♉	-11°56'58"	-04°04'27"	00°06'41"	0.003
24/07/2019 00:00:00	♃	17°31'45" ♉	22°17'15"	00°00'00"	-00°00'39"	0.002
24/07/2019 00:00:00	♃	14°30'16" ♉	-10°10'37"	-04°25'21"	-00°01'07"	0.003
24/07/2019 00:00:00	X	24°19'38" ♉	-01°36'01"	-11°50'31"	-00°00'01"	95.925
24/07/2019 00:00:00	Y	27°52'58" ♉	08°07'14"	-11°51'02"	00°00'25"	85.205
25/07/2019 00:00:00	♃	01°47'47" ♉	19°45'25"	-00°00'00"	00°57'18"	1.016
25/07/2019 00:00:00	♃	01°10'46" ♉	07°04'30"	-05°07'20"	12°20'13"	0.003
25/07/2019 00:00:00	♃	26°14'35" ♉	16°07'16"	-04°51'45"	-00°34'43"	0.604
25/07/2019 00:00:00	♃	26°12'37" ♉	21°37'54"	00°44'22"	01°13'48"	1.723
25/07/2019 00:00:00	♃	14°37'32" ♉	17°33'23"	01°09'50"	00°38'04"	2.636
25/07/2019 00:00:00	♃	14°58'48" ♉	-22°07'58"	00°27'35"	-00°03'12"	4.537
25/07/2019 00:00:00	♃	16°06'39" ♉	-22°10'17"	00°17'40"	-00°04'10"	9.067
25/07/2019 00:00:00	♃	06°28'51" ♉	13°12'20"	-00°30'01"	00°00'53"	19.895
25/07/2019 00:00:00	♃	18°26'07" ♉	-05°31'48"	-01°02'23"	-00°00'59"	29.229

Ephemerides year 2019

25/07/2019 00:00:00	♁	21°38'30"	♁	-22°07'43"	-00°26'16"	-00°01'25"	32.845
25/07/2019 00:00:00	♁	17°31'24"	♁	22°17'17"	00°00'00"	-00°00'02"	0.002
25/07/2019 00:00:00	♁	05°49'50"	♁	05°14'21"	03°11'05"	-00°00'49"	18.331
25/07/2019 00:00:00	♁	09°09'33"	♁	-11°54'56"	-04°04'59"	00°06'41"	0.003
25/07/2019 00:00:00	♁	17°31'24"	♁	22°17'17"	00°00'00"	-00°00'02"	0.002
25/07/2019 00:00:00	♁	14°10'44"	♁	-10°17'18"	-04°24'23"	-00°40'01"	0.003
25/07/2019 00:00:00	X	24°19'36"	♁	-01°36'07"	-11°50'36"	-00°00'02"	95.909
25/07/2019 00:00:00	Y	27°53'23"	♁	08°07'12"	-11°51'09"	00°00'24"	85.189
26/07/2019 00:00:00	♁	02°45'06"	♁	19°32'29"	-00°00'00"	00°57'18"	1.016
26/07/2019 00:00:00	♁	13°39'38"	♁	11°24'55"	-04°44'02"	12°38'11"	0.003
26/07/2019 00:00:00	♁	25°41'29"	♁	16°18'37"	-04°46'17"	-00°31'23"	0.613
26/07/2019 00:00:00	♁	27°26'27"	♁	21°25'38"	00°46'22"	01°13'49"	1.724
26/07/2019 00:00:00	♁	15°15'36"	♁	17°22'06"	01°09'46"	00°38'04"	2.638
26/07/2019 00:00:00	♁	14°55'41"	♁	-22°07'49"	00°27'24"	-00°03'01"	4.548
26/07/2019 00:00:00	♁	16°02'30"	♁	-22°10'52"	00°17'35"	-00°04'08"	9.071
26/07/2019 00:00:00	♁	06°29'42"	♁	13°12'36"	-00°30'02"	00°00'50"	19.878
26/07/2019 00:00:00	♁	18°25'06"	♁	-05°32'14"	-01°02'25"	-00°01'01"	29.217
26/07/2019 00:00:00	♁	21°37'05"	♁	-22°08'02"	-00°26'21"	-00°01'25"	32.849
26/07/2019 00:00:00	♁	17°31'41"	♁	22°17'15"	00°00'00"	00°00'35"	0.002

Ephemerides year 2019

26/07/2019 00:00:00	♄	05°48'59" ♏	05°14'06"	03°11'11"	-00°00'52"	18.316
26/07/2019 00:00:00	♁	09°16'15" ♏	-11°52'54"	-04°05'32"	00°06'41"	0.003
26/07/2019 00:00:00	♁♁	17°31'41" ♁	22°17'15"	00°00'00"	00°00'35"	0.002
26/07/2019 00:00:00	♁♁	13°07'00" ♏	-10°38'57"	-04°21'06"	-01°28'23"	0.003
26/07/2019 00:00:00	X	24°19'33" ♏	-01°36'13"	-11°50'42"	-00°00'03"	95.892
26/07/2019 00:00:00	Y	27°53'47" ♏	08°07'10"	-11°51'17"	00°00'24"	85.173
27/07/2019 00:00:00	♁	03°42'25" ♏	19°19'14"	-00°00'00"	00°57'19"	1.016
27/07/2019 00:00:00	♁	26°28'26" ♏	15°22'11"	-04°06'13"	13°00'00"	0.003
27/07/2019 00:00:00	♁	25°12'00" ♏	16°30'46"	-04°39'15"	-00°27'27"	0.623
27/07/2019 00:00:00	♁	28°40'17" ♁	21°12'44"	00°48'20"	01°13'51"	1.725
27/07/2019 00:00:00	♁	15°53'41" ♏	17°10'42"	01°09'41"	00°38'04"	2.640
27/07/2019 00:00:00	♁	14°52'44" ♏	-22°07'40"	00°27'12"	-00°02'51"	4.560
27/07/2019 00:00:00	♁	15°58'23" ♏	-22°11'27"	00°17'29"	-00°04'05"	9.076
27/07/2019 00:00:00	♁	06°30'31" ♏	13°12'51"	-00°30'03"	00°00'47"	19.861
27/07/2019 00:00:00	♁	18°24'04" ♏	-05°32'40"	-01°02'27"	-00°01'02"	29.205
27/07/2019 00:00:00	♁	21°35'39" ♏	-22°08'21"	-00°26'27"	-00°01'25"	32.853
27/07/2019 00:00:00	♁	17°32'32" ♁	22°17'09"	00°00'00"	00°01'04"	0.002
27/07/2019 00:00:00	♄	05°48'06" ♏	05°13'50"	03°11'16"	-00°00'55"	18.301
27/07/2019 00:00:00	♁	09°22'56" ♏	-11°50'51"	-04°06'04"	00°06'41"	0.003

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27/07/2019 00:00:00	T♄	17°32'32" ♉	22°17'09"	00°00'00"	00°01'04"	0.002
27/07/2019 00:00:00	T♄	11°14'05" ♉	-11°16'46"	-04°15'02"	-02°16'16"	0.003
27/07/2019 00:00:00	X	24°19'30" ♉	-01°36'19"	-11°50'47"	-00°00'03"	95.876
27/07/2019 00:00:00	Y	27°54'11" ♉	08°07'07"	-11°51'24"	00°00'23"	85.158
28/07/2019 00:00:00	☉	04°39'46" ♋	19°05'40"	-00°00'00"	00°57'20"	1.016
28/07/2019 00:00:00	☾	09°40'37" ♋	18°41'36"	-03°14'25"	13°24'44"	0.003
28/07/2019 00:00:00	☿	24°46'44" ♉	16°43'34"	-04°30'45"	-00°22'59"	0.635
28/07/2019 00:00:00	♀	29°54'09" ♉	20°59'13"	00°50'16"	01°13'52"	1.726
28/07/2019 00:00:00	♂	16°31'45" ♋	16°59'11"	01°09'36"	00°38'04"	2.642
28/07/2019 00:00:00	♃	14°49'58" ♉	-22°07'33"	00°27'01"	-00°02'40"	4.571
28/07/2019 00:00:00	♅	15°54'18" ♉	-22°12'02"	00°17'23"	-00°04'03"	9.081
28/07/2019 00:00:00	♁	06°31'17" ♉	13°13'05"	-00°30'04"	00°00'44"	19.845
28/07/2019 00:00:00	♂	18°23'00" ♉	-05°33'07"	-01°02'29"	-00°01'04"	29.193
28/07/2019 00:00:00	♁	21°34'14" ♉	-22°08'40"	-00°26'33"	-00°01'24"	32.858
28/07/2019 00:00:00	♁	17°33'45" ♉	22°16'59"	00°00'00"	00°01'17"	0.002
28/07/2019 00:00:00	♁	05°47'09" ♉	05°13'33"	03°11'22"	-00°00'57"	18.287
28/07/2019 00:00:00	♁	09°29'38" ♉	-11°48'48"	-04°06'36"	00°06'41"	0.003
28/07/2019 00:00:00	T♄	17°33'45" ♉	22°16'59"	00°00'00"	00°01'17"	0.002
28/07/2019 00:00:00	T♄	08°39'13" ♉	-12°07'32"	-04°06'12"	-02°49'57"	0.003

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28/07/2019 00:00:00	X	24°19'26" ♄	-01°36'26"	-11°50'53"	-00°00'04"	95.859
28/07/2019 00:00:00	Y	27°54'34" ♃	08°07'05"	-11°51'32"	00°00'22"	85.142
29/07/2019 00:00:00	☉	05°37'07" ♋	18°51'47"	-00°00'00"	00°57'21"	1.015
29/07/2019 00:00:00	☾	23°18'24" ♀	21°06'00"	-02°10'10"	13°50'54"	0.003
29/07/2019 00:00:00	♀	24°26'11" ♃	16°56'49"	-04°20'53"	-00°18'02"	0.648
29/07/2019 00:00:00	♀	01°08'02" ♋	20°45'05"	00°52'09"	01°13'53"	1.726
29/07/2019 00:00:00	♂	17°09'50" ♋	16°47'34"	01°09'31"	00°38'04"	2.644
29/07/2019 00:00:00	♃	14°47'22" ♄	-22°07'27"	00°26'50"	-00°02'30"	4.583
29/07/2019 00:00:00	♅	15°50'16" ♄	-22°12'36"	00°17'17"	-00°04'01"	9.087
29/07/2019 00:00:00	♁	06°32'01" ♃	13°13'18"	-00°30'05"	00°00'41"	19.828
29/07/2019 00:00:00	♃	18°21'55" ♄	-05°33'34"	-01°02'31"	-00°01'05"	29.182
29/07/2019 00:00:00	♁	21°32'50" ♄	-22°08'59"	-00°26'38"	-00°01'24"	32.862
29/07/2019 00:00:00	♁	17°35'00" ♃	22°16'49"	00°00'00"	00°01'08"	0.002
29/07/2019 00:00:00	♁	05°46'10" ♄	05°13'14"	03°11'27"	-00°01'00"	18.272
29/07/2019 00:00:00	♁	09°36'20" ♄	-11°46'45"	-04°07'08"	00°06'41"	0.003
29/07/2019 00:00:00	T♁	17°35'00" ♃	22°16'49"	00°00'00"	00°01'08"	0.002
29/07/2019 00:00:00	T♁	05°42'38" ♄	-13°03'46"	-03°55'29"	-02°58'36"	0.003
29/07/2019 00:00:00	X	24°19'21" ♄	-01°36'33"	-11°50'58"	-00°00'04"	95.843
29/07/2019 00:00:00	Y	27°54'56" ♃	08°07'02"	-11°51'39"	00°00'22"	85.126

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30/07/2019 00:00:00	☉	06°34'30" ♈	18°37'36"	-00°00'00"	00°57'22"	1.015
30/07/2019 00:00:00	☾	07°22'13" ♉	22°17'44"	-00°56'11"	14°16'23"	0.002
30/07/2019 00:00:00	♁	24°10'48" ♊	17°10'24"	-04°09'47"	-00°12'40"	0.662
30/07/2019 00:00:00	♂	02°21'56" ♈	20°30'22"	00°54'00"	01°13'54"	1.727
30/07/2019 00:00:00	♂	17°47'54" ♈	16°35'50"	01°09'26"	00°38'04"	2.646
30/07/2019 00:00:00	♃	14°44'58" ♉	-22°07'22"	00°26'38"	-00°02'19"	4.595
30/07/2019 00:00:00	♃	15°46'16" ♉	-22°13'10"	00°17'12"	-00°03'58"	9.092
30/07/2019 00:00:00	♃	06°32'41" ♉	13°13'30"	-00°30'07"	00°00'38"	19.811
30/07/2019 00:00:00	♃	18°20'49" ♉	-05°34'02"	-01°02'33"	-00°01'07"	29.170
30/07/2019 00:00:00	♃	21°31'26" ♉	-22°09'17"	-00°26'44"	-00°01'23"	32.867
30/07/2019 00:00:00	♃	17°35'54" ♉	22°16'42"	00°00'00"	00°00'35"	0.002
30/07/2019 00:00:00	♃	05°45'08" ♉	05°12'54"	03°11'32"	-00°01'03"	18.258
30/07/2019 00:00:00	♃	09°43'02" ♉	-11°44'42"	-04°07'40"	00°06'41"	0.003
30/07/2019 00:00:00	♃	17°35'54" ♉	22°16'42"	00°00'00"	00°00'35"	0.002
30/07/2019 00:00:00	♃	02°50'26" ♉	-13°56'46"	-03°44'24"	-02°42'22"	0.003
30/07/2019 00:00:00	X	24°19'16" ♉	-01°36'39"	-11°51'03"	-00°00'05"	95.826
30/07/2019 00:00:00	Y	27°55'18" ♉	08°06'59"	-11°51'47"	00°00'21"	85.109
31/07/2019 00:00:00	☉	07°31'53" ♈	18°23'06"	-00°00'00"	00°57'23"	1.015
31/07/2019 00:00:00	☾	21°50'07" ♉	22°02'58"	00°23'20"	14°38'38"	0.002

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31/07/2019 00:00:00	♀	24°00'57" ♃	17°24'06"	-03°57'34"	-00°06'58"	0.678
31/07/2019 00:00:00	♀	03°35'52" ♃	20°15'03"	00°55'48"	01°13'56"	1.728
31/07/2019 00:00:00	♂	18°25'59" ♃	16°24'00"	01°09'21"	00°38'04"	2.648
31/07/2019 00:00:00	♃	14°42'44" ♃	-22°07'18"	00°26'27"	-00°02'08"	4.607
31/07/2019 00:00:00	♃	15°42'19" ♃	-22°13'43"	00°17'06"	-00°03'55"	9.098
31/07/2019 00:00:00	♃	06°33'18" ♃	13°13'41"	-00°30'08"	00°00'35"	19.794
31/07/2019 00:00:00	♃	18°19'41" ♃	-05°34'30"	-01°02'35"	-00°01'08"	29.159
31/07/2019 00:00:00	♃	21°30'03" ♃	-22°09'36"	-00°26'49"	-00°01'23"	32.873
31/07/2019 00:00:00	♃	17°36'05" ♃	22°16'41"	00°00'00"	-00°00'16"	0.002
31/07/2019 00:00:00	♃	05°44'03" ♃	05°12'33"	03°11'37"	-00°01'06"	18.244
31/07/2019 00:00:00	♃	09°49'44" ♃	-11°42'38"	-04°08'11"	00°06'41"	0.003
31/07/2019 00:00:00	T♃	17°36'05" ♃	22°16'41"	00°00'00"	-00°00'16"	0.002
31/07/2019 00:00:00	T♃	00°22'05" ♃	-14°40'53"	-03°34'23"	-02°13'37"	0.003
31/07/2019 00:00:00	X	24°19'10" ♃	-01°36'46"	-11°51'09"	-00°00'06"	95.810
31/07/2019 00:00:00	Y	27°55'39" ♃	08°06'56"	-11°51'55"	00°00'20"	85.093
01/08/2019 00:00:00	♃	08°29'17" ♃	18°08'17"	-00°00'00"	00°57'24"	1.015
01/08/2019 00:00:00	♃	06°37'32" ♃	20°16'30"	01°42'58"	14°55'02"	0.002
01/08/2019 00:00:00	♀	23°56'56" ♃	17°37'46"	-03°44'24"	-00°01'00"	0.695
01/08/2019 00:00:00	♀	04°49'49" ♃	19°59'09"	00°57'34"	01°13'57"	1.728



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01/08/2019 00:00:00	♂	19°04'04" ♏	16°12'03"	01°09'16"	00°38'04"	2.650
01/08/2019 00:00:00	♃	14°40'41" ♏	-22°07'16"	00°26'15"	-00°01'57"	4.619
01/08/2019 00:00:00	♃	15°38'25" ♏	-22°14'16"	00°17'00"	-00°03'53"	9.105
01/08/2019 00:00:00	♃	06°33'53" ♏	13°13'52"	-00°30'09"	00°00'32"	19.777
01/08/2019 00:00:00	♃	18°18'32" ♏	-05°34'59"	-01°02'37"	-00°01'09"	29.149
01/08/2019 00:00:00	♃	21°28'40" ♏	-22°09'54"	-00°26'55"	-00°01'22"	32.878
01/08/2019 00:00:00	♏	17°35'18" ♏	22°16'47"	00°00'00"	-00°01'18"	0.002
01/08/2019 00:00:00	♃	05°42'54" ♏	05°12'11"	03°11'42"	-00°01'09"	18.230
01/08/2019 00:00:00	♃	09°56'25" ♏	-11°40'35"	-04°08'43"	00°06'41"	0.003
01/08/2019 00:00:00	♏	17°35'18" ♏	22°16'47"	00°00'00"	-00°01'18"	0.002
01/08/2019 00:00:00	♃	28°21'41" ♏	-15°15'36"	-03°25'59"	-01°49'07"	0.003
01/08/2019 00:00:00	X	24°19'04" ♏	-01°36'54"	-11°51'14"	-00°00'06"	95.794
01/08/2019 00:00:00	Y	27°56'00" ♏	08°06'52"	-11°52'03"	00°00'20"	85.077
02/08/2019 00:00:00	♃	09°26'42" ♏	17°53'12"	-00°00'00"	00°57'25"	1.015
02/08/2019 00:00:00	♃	21°37'30" ♏	17°04'43"	02°56'33"	15°03'25"	0.002
02/08/2019 00:00:00	♃	23°59'00" ♏	17°51'13"	-03°30'23"	00°05'10"	0.713
02/08/2019 00:00:00	♀	06°03'46" ♏	19°42'41"	00°59'17"	01°13'58"	1.729
02/08/2019 00:00:00	♂	19°42'09" ♏	16°00'00"	01°09'10"	00°38'04"	2.652
02/08/2019 00:00:00	♃	14°38'49" ♏	-22°07'15"	00°26'04"	-00°01'46"	4.631

Ephemerides year 2019

02/08/2019 00:00:00	♃	15°34'33" ♏	-22°14'49"	00°16'54"	-00°03'50"	9.111
02/08/2019 00:00:00	♃	06°34'24" ♏	13°14'01"	-00°30'10"	00°00'29"	19.760
02/08/2019 00:00:00	♃	18°17'21" ♏	-05°35'28"	-01°02'39"	-00°01'11"	29.138
02/08/2019 00:00:00	♃	21°27'17" ♏	-22°10'13"	-00°27'00"	-00°01'22"	32.884
02/08/2019 00:00:00	♃	17°33'30" ♏	22°17'01"	00°00'00"	-00°02'16"	0.002
02/08/2019 00:00:00	♃	05°41'43" ♏	05°11'47"	03°11'47"	-00°01'12"	18.217
02/08/2019 00:00:00	♃	10°03'07" ♏	-11°38'31"	-04°09'14"	00°06'41"	0.003
02/08/2019 00:00:00	T♃	17°33'30" ♏	22°17'01"	00°00'00"	-00°02'16"	0.002
02/08/2019 00:00:00	T♃	26°38'22" ♏	-15°44'37"	-03°18'39"	-01°40'38"	0.003
02/08/2019 00:00:00	X	24°18'57" ♏	-01°37'01"	-11°51'19"	-00°00'07"	95.777
02/08/2019 00:00:00	Y	27°56'20" ♏	08°06'49"	-11°52'11"	00°00'19"	85.060
03/08/2019 00:00:00	♃	10°24'08" ♏	17°37'48"	00°00'00"	00°57'26"	1.015
03/08/2019 00:00:00	♃	06°41'22" ♏	12°44'20"	03°58'07"	15°02'44"	0.002
03/08/2019 00:00:00	♃	24°07'20" ♏	18°04'17"	-03°15'41"	00°11'31"	0.732
03/08/2019 00:00:00	♃	07°17'45" ♏	19°25'39"	01°00'57"	01°13'58"	1.729
03/08/2019 00:00:00	♃	20°20'14" ♏	15°47'51"	01°09'05"	00°38'04"	2.654
03/08/2019 00:00:00	♃	14°37'08" ♏	-22°07'15"	00°25'52"	-00°01'35"	4.644
03/08/2019 00:00:00	♃	15°30'44" ♏	-22°15'21"	00°16'48"	-00°03'47"	9.118
03/08/2019 00:00:00	♃	06°34'52" ♏	13°14'09"	-00°30'11"	00°00'26"	19.743

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03/08/2019 00:00:00	♁	18°16'09" ♈	-05°35'58"	-01°02'41"	-00°01'12"	29.128
03/08/2019 00:00:00	♁	21°25'55" ♈	-22°10'31"	-00°27'06"	-00°01'21"	32.890
03/08/2019 00:00:00	♁	17°30'51" ♈	22°17'22"	00°00'00"	-00°02'56"	0.002
03/08/2019 00:00:00	♁	05°40'30" ♈	05°11'22"	03°11'52"	-00°01'15"	18.203
03/08/2019 00:00:00	♁	10°09'49" ♈	-11°36'27"	-04°09'46"	00°06'41"	0.003
03/08/2019 00:00:00	♁	17°30'51" ♈	22°17'22"	00°00'00"	-00°02'56"	0.002
03/08/2019 00:00:00	♁	24°54'29" ♈	-16°13'06"	-03°11'13"	-01°49'31"	0.003
03/08/2019 00:00:00	X	24°18'49" ♈	-01°37'09"	-11°51'25"	-00°00'08"	95.761
03/08/2019 00:00:00	Y	27°56'39" ♈	08°06'45"	-11°52'19"	00°00'18"	85.044
04/08/2019 00:00:00	♁	11°21'34" ♈	17°22'08"	00°00'00"	00°57'26"	1.015
04/08/2019 00:00:00	♁	21°40'03" ♈	07°38'10"	04°42'58"	14°53'15"	0.002
04/08/2019 00:00:00	♁	24°22'04" ♈	18°16'48"	-03°00'25"	00°17'57"	0.752
04/08/2019 00:00:00	♁	08°31'44" ♈	19°08'04"	01°02'34"	01°13'59"	1.730
04/08/2019 00:00:00	♁	20°58'18" ♈	15°35'36"	01°08'59"	00°38'04"	2.655
04/08/2019 00:00:00	♁	14°35'38" ♈	-22°07'16"	00°25'41"	-00°01'24"	4.656
04/08/2019 00:00:00	♁	15°26'59" ♈	-22°15'53"	00°16'42"	-00°03'44"	9.125
04/08/2019 00:00:00	♁	06°35'18" ♈	13°14'16"	-00°30'12"	00°00'23"	19.727
04/08/2019 00:00:00	♁	18°14'56" ♈	-05°36'29"	-01°02'42"	-00°01'14"	29.118
04/08/2019 00:00:00	♁	21°24'34" ♈	-22°10'49"	-00°27'11"	-00°01'21"	32.897

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04/08/2019 00:00:00	♁	17°27'46" ♉	22°17'46"	00°00'00"	-00°03'08"	0.002
04/08/2019 00:00:00	♋	05°39'13" ♈	05°10'56"	03°11'57"	-00°01'18"	18.190
04/08/2019 00:00:00	♌	10°16'31" ♉	-11°34'23"	-04°10'17"	00°06'41"	0.003
04/08/2019 00:00:00	T♁	17°27'46" ♉	22°17'46"	00°00'00"	-00°03'08"	0.002
04/08/2019 00:00:00	T♌	22°56'50" ♌	-16°44'27"	-03°02'41"	-02°05'32"	0.003
04/08/2019 00:00:00	X	24°18'41" ♈	-01°37'16"	-11°51'30"	-00°00'08"	95.745
04/08/2019 00:00:00	Y	27°56'57" ♉	08°06'41"	-11°52'27"	00°00'18"	85.027
05/08/2019 00:00:00	♊	12°19'01" ♈	17°06'10"	00°00'00"	00°57'27"	1.015
05/08/2019 00:00:00	♋	06°25'29" ♈	02°10'08"	05°08'18"	14°36'36"	0.002
05/08/2019 00:00:00	♌	24°43'17" ♉	18°28'34"	-02°44'43"	00°24'28"	0.774
05/08/2019 00:00:00	♍	09°45'44" ♉	18°49'56"	01°04'08"	01°14'00"	1.730
05/08/2019 00:00:00	♎	21°36'23" ♉	15°23'15"	01°08'53"	00°38'04"	2.657
05/08/2019 00:00:00	♏	14°34'19" ♈	-22°07'18"	00°25'29"	-00°01'13"	4.669
05/08/2019 00:00:00	♐	15°23'16" ♈	-22°16'24"	00°16'36"	-00°03'40"	9.133
05/08/2019 00:00:00	♑	06°35'40" ♈	13°14'23"	-00°30'13"	00°00'20"	19.710
05/08/2019 00:00:00	♒	18°13'41" ♈	-05°37'00"	-01°02'44"	-00°01'15"	29.108
05/08/2019 00:00:00	♓	21°23'13" ♈	-22°11'07"	-00°27'16"	-00°01'20"	32.903
05/08/2019 00:00:00	♁	17°24'45" ♉	22°18'09"	00°00'00"	-00°02'46"	0.002
05/08/2019 00:00:00	♋	05°37'53" ♈	05°10'29"	03°12'02"	-00°01'20"	18.176

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05/08/2019 00:00:00	☾	10°23'12" ♈	-11°32'18"	-04°10'48"	00°06'41"	0.003
05/08/2019 00:00:00	♄	17°24'45" ♉	22°18'09"	00°00'00"	-00°02'46"	0.002
05/08/2019 00:00:00	♃	20°47'15" ♋	-17°17'43"	-02°53'05"	-02°10'01"	0.003
05/08/2019 00:00:00	X	24°18'32" ♈	-01°37'24"	-11°51'35"	-00°00'09"	95.729
05/08/2019 00:00:00	Y	27°57'15" ♉	08°06'37"	-11°52'35"	00°00'17"	85.010
06/08/2019 00:00:00	☉	13°16'29" ♈	16°49'56"	00°00'00"	00°57'28"	1.014
06/08/2019 00:00:00	☾	20°51'42" ♉	-03°17'48"	05°13'26"	14°15'13"	0.002
06/08/2019 00:00:00	♀	25°11'01" ♉	18°39'25"	-02°28'43"	00°30'59"	0.796
06/08/2019 00:00:00	♀	10°59'45" ♈	18°31'16"	01°05'40"	01°14'01"	1.731
06/08/2019 00:00:00	♂	22°14'28" ♈	15°10'47"	01°08'47"	00°38'04"	2.658
06/08/2019 00:00:00	♃	14°33'11" ♈	-22°07'22"	00°25'18"	-00°01'02"	4.682
06/08/2019 00:00:00	♃	15°19'37" ♈	-22°16'55"	00°16'30"	-00°03'37"	9.140
06/08/2019 00:00:00	♃	06°35'59" ♉	13°14'28"	-00°30'14"	00°00'17"	19.693
06/08/2019 00:00:00	♃	18°12'25" ♈	-05°37'31"	-01°02'46"	-00°01'16"	29.098
06/08/2019 00:00:00	♃	21°21'53" ♈	-22°11'25"	-00°27'22"	-00°01'19"	32.910
06/08/2019 00:00:00	♄	17°22'21" ♉	22°18'28"	00°00'00"	-00°01'57"	0.002
06/08/2019 00:00:00	♃	05°36'31" ♈	05°10'00"	03°12'06"	-00°01'23"	18.163
06/08/2019 00:00:00	☾	10°29'54" ♈	-11°30'13"	-04°11'19"	00°06'41"	0.003
06/08/2019 00:00:00	♄	17°22'21" ♉	22°18'28"	00°00'00"	-00°01'57"	0.002

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06/08/2019 00:00:00	T♄	18°46'24" ♋	-17°47'30"	-02°43'56"	-01°46'08"	0.003
06/08/2019 00:00:00	X	24°18'22" ♏	-01°37'33"	-11°51'40"	-00°00'09"	95.713
06/08/2019 00:00:00	Y	27°57'32" ♏	08°06'33"	-11°52'43"	00°00'16"	84.994
07/08/2019 00:00:00	☉	14°13'58" ♏	16°33'26"	00°00'00"	00°57'28"	1.014
07/08/2019 00:00:00	☾	04°55'14" ♎	-08°27'08"	04°59'28"	13°51'41"	0.003
07/08/2019 00:00:00	♀	25°45'17" ♎	18°49'10"	-02°12'31"	00°37'30"	0.819
07/08/2019 00:00:00	♀	12°13'48" ♏	18°12'05"	01°07'08"	01°14'02"	1.731
07/08/2019 00:00:00	♂	22°52'33" ♏	14°58'14"	01°08'41"	00°38'04"	2.660
07/08/2019 00:00:00	♃	14°32'14" ♏	-22°07'27"	00°25'06"	-00°00'51"	4.695
07/08/2019 00:00:00	♅	15°16'01" ♏	-22°17'26"	00°16'24"	-00°03'33"	9.148
07/08/2019 00:00:00	♁	06°36'16" ♏	13°14'32"	-00°30'16"	00°00'14"	19.676
07/08/2019 00:00:00	♃	18°11'08" ♏	-05°38'03"	-01°02'48"	-00°01'17"	29.089
07/08/2019 00:00:00	♁	21°20'34" ♏	-22°11'43"	-00°27'27"	-00°01'18"	32.917
07/08/2019 00:00:00	♁	17°20'57" ♎	22°18'38"	00°00'00"	-00°00'50"	0.002
07/08/2019 00:00:00	♁	05°35'06" ♏	05°09'31"	03°12'11"	-00°01'26"	18.150
07/08/2019 00:00:00	♁	10°36'36" ♏	-11°28'09"	-04°11'50"	00°06'41"	0.003
07/08/2019 00:00:00	T♁	17°20'57" ♎	22°18'38"	00°00'00"	-00°00'50"	0.002
07/08/2019 00:00:00	T♄	17°25'43" ♋	-18°06'40"	-02°37'43"	-00°50'32"	0.003
07/08/2019 00:00:00	X	24°18'12" ♏	-01°37'41"	-11°51'45"	-00°00'10"	95.698

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07/08/2019 00:00:00	Y	27°57'48" ♂	08°06'28"	-11°52'51"	00°00'16"	84.977
08/08/2019 00:00:00	☉	15°11'27" ♋	16°16'40"	00°00'00"	00°57'29"	1.014
08/08/2019 00:00:00	☾	18°35'08" ♎	-13°02'41"	04°28'43"	13°28'17"	0.003
08/08/2019 00:00:00	♀	26°26'01" ♉	18°57'38"	-01°56'14"	00°43'57"	0.843
08/08/2019 00:00:00	♀	13°27'50" ♋	17°52'23"	01°08'33"	01°14'03"	1.731
08/08/2019 00:00:00	♂	23°30'38" ♋	14°45'35"	01°08'34"	00°38'04"	2.661
08/08/2019 00:00:00	♃	14°31'29" ♈	-22°07'33"	00°24'55"	-00°00'39"	4.708
08/08/2019 00:00:00	♅	15°12'29" ♌	-22°17'56"	00°16'18"	-00°03'30"	9.156
08/08/2019 00:00:00	♁	06°36'29" ♂	13°14'36"	-00°30'17"	00°00'12"	19.660
08/08/2019 00:00:00	♃	18°09'50" ♈	-05°38'35"	-01°02'50"	-00°01'18"	29.079
08/08/2019 00:00:00	♁	21°19'15" ♌	-22°12'01"	-00°27'33"	-00°01'18"	32.925
08/08/2019 00:00:00	♁	17°20'42" ♉	22°18'40"	00°00'00"	00°00'18"	0.002
08/08/2019 00:00:00	♃	05°33'38" ♈	05°09'00"	03°12'15"	-00°01'28"	18.138
08/08/2019 00:00:00	♁	10°43'18" ♈	-11°26'03"	-04°12'20"	00°06'41"	0.003
08/08/2019 00:00:00	T♁	17°20'42" ♉	22°18'40"	00°00'00"	00°00'18"	0.002
08/08/2019 00:00:00	T♃	17°11'58" ♈	-18°09'53"	-02°36'39"	00°24'51"	0.003
08/08/2019 00:00:00	X	24°18'01" ♈	-01°37'50"	-11°51'51"	-00°00'11"	95.682
08/08/2019 00:00:00	Y	27°58'04" ♂	08°06'23"	-11°52'59"	00°00'15"	84.960
09/08/2019 00:00:00	☉	16°08'57" ♋	15°59'38"	00°00'00"	00°57'30"	1.014

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09/08/2019 00:00:00	♃	01°52'23" ♄	-16°52'14"	03°44'12"	13°06'38"	0.003
09/08/2019 00:00:00	♆	27°13'10" ♁	19°04'39"	-01°39'59"	00°50'20"	0.868
09/08/2019 00:00:00	♀	14°41'54" ♁	17°32'11"	01°09'55"	01°14'04"	1.731
09/08/2019 00:00:00	♂	24°08'43" ♁	14°32'51"	01°08'27"	00°38'05"	2.662
09/08/2019 00:00:00	♃	14°30'54" ♄	-22°07'40"	00°24'44"	-00°00'28"	4.722
09/08/2019 00:00:00	♅	15°09'01" ♄	-22°18'25"	00°16'12"	-00°03'26"	9.165
09/08/2019 00:00:00	♁	06°36'40" ♄	13°14'38"	-00°30'18"	00°00'09"	19.643
09/08/2019 00:00:00	♆	18°08'30" ♁	-05°39'08"	-01°02'51"	-00°01'19"	29.070
09/08/2019 00:00:00	♁	21°17'57" ♄	-22°12'18"	-00°27'38"	-00°01'17"	32.933
09/08/2019 00:00:00	♁	17°21'28" ♁	22°18'34"	00°00'00"	00°01'11"	0.002
09/08/2019 00:00:00	♃	05°32'08" ♁	05°08'28"	03°12'20"	-00°01'31"	18.125
09/08/2019 00:00:00	♁	10°50'00" ♁	-11°23'58"	-04°12'51"	00°06'41"	0.003
09/08/2019 00:00:00	♁	17°21'28" ♁	22°18'34"	00°00'00"	00°01'11"	0.002
09/08/2019 00:00:00	♁	18°16'08" ♁	-17°54'46"	-02°41'38"	01°42'30"	0.003
09/08/2019 00:00:00	X	24°17'50" ♁	-01°37'58"	-11°51'56"	-00°00'11"	95.666
09/08/2019 00:00:00	Y	27°58'19" ♄	08°06'18"	-11°53'07"	00°00'14"	84.943
10/08/2019 00:00:00	♁	17°06'28" ♁	15°42'21"	-00°00'00"	00°57'31"	1.014
10/08/2019 00:00:00	♃	14°49'19" ♄	-19°46'10"	02°49'14"	12°47'42"	0.003
10/08/2019 00:00:00	♆	28°06'39" ♁	19°10'01"	-01°23'51"	00°56'35"	0.893



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10/08/2019 00:00:00	♀	15°55'59" ♈	17°11'29"	01°11'14"	01°14'05"	1.731
10/08/2019 00:00:00	♂	24°46'48" ♈	14°20'01"	01°08'21"	00°38'05"	2.664
10/08/2019 00:00:00	♃	14°30'31" ♏	-22°07'49"	00°24'32"	-00°00'17"	4.735
10/08/2019 00:00:00	♅	15°05'36" ♏	-22°18'54"	00°16'06"	-00°03'22"	9.173
10/08/2019 00:00:00	♁	06°36'48" ♏	13°14'40"	-00°30'19"	00°00'06"	19.626
10/08/2019 00:00:00	♃	18°07'10" ♏	-05°39'41"	-01°02'53"	-00°01'21"	29.062
10/08/2019 00:00:00	♁	21°16'41" ♏	-22°12'35"	-00°27'43"	-00°01'16"	32.941
10/08/2019 00:00:00	♁	17°22'56" ♏	22°18'23"	00°00'00"	00°01'37"	0.002
10/08/2019 00:00:00	♃	05°30'35" ♏	05°07'55"	03°12'24"	-00°01'34"	18.113
10/08/2019 00:00:00	♁	10°56'42" ♏	-11°21'53"	-04°13'21"	00°06'41"	0.003
10/08/2019 00:00:00	T♁	17°22'56" ♏	22°18'23"	00°00'00"	00°01'37"	0.002
10/08/2019 00:00:00	T♁	20°32'59" ♏	-17°21'18"	-02°52'01"	02°48'23"	0.003
10/08/2019 00:00:00	X	24°17'38" ♏	-01°38'07"	-11°52'01"	-00°00'12"	95.651
10/08/2019 00:00:00	Y	27°58'34" ♏	08°06'13"	-11°53'16"	00°00'14"	84.926
11/08/2019 00:00:00	♁	18°03'59" ♈	15°24'49"	-00°00'00"	00°57'32"	1.014
11/08/2019 00:00:00	♃	27°28'50" ♏	-21°37'36"	01°47'07"	12°31'52"	0.003
11/08/2019 00:00:00	♁	29°06'20" ♏	19°13'34"	-01°07'57"	01°02'43"	0.918
11/08/2019 00:00:00	♀	17°10'05" ♈	16°50'19"	01°12'29"	01°14'06"	1.731
11/08/2019 00:00:00	♂	25°24'53" ♈	14°07'06"	01°08'14"	00°38'05"	2.665

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11/08/2019 00:00:00	♃	14°30'19" ♀	-22°07'59"	00°24'21"	-00°00'06"	4.749
11/08/2019 00:00:00	♅	15°02'15" ♀	-22°19'23"	00°16'00"	-00°03'18"	9.182
11/08/2019 00:00:00	♁	06°36'52" ♂	13°14'40"	-00°30'20"	00°00'03"	19.610
11/08/2019 00:00:00	♆	18°05'48" ♀	-05°40'14"	-01°02'55"	-00°01'22"	29.053
11/08/2019 00:00:00	♄	21°15'25" ♀	-22°12'52"	-00°27'49"	-00°01'15"	32.949
11/08/2019 00:00:00	♁	17°24'32" ♂	22°18'11"	00°00'00"	00°01'28"	0.002
11/08/2019 00:00:00	♆	05°29'00" ♀	05°07'21"	03°12'28"	-00°01'36"	18.101
11/08/2019 00:00:00	♁	11°03'24" ♀	-11°19'47"	-04°13'52"	00°06'41"	0.003
11/08/2019 00:00:00	♁	17°24'32" ♂	22°18'11"	00°00'00"	00°01'28"	0.002
11/08/2019 00:00:00	♆	23°46'13" ♀	-16°31'21"	-03°06'13"	03°34'21"	0.003
11/08/2019 00:00:00	X	24°17'26" ♀	-01°38'16"	-11°52'06"	-00°00'12"	95.635
11/08/2019 00:00:00	Y	27°58'47" ♂	08°06'08"	-11°53'24"	00°00'13"	84.909
12/08/2019 00:00:00	♁	19°01'32" ♂	15°07'02"	-00°00'00"	00°57'33"	1.013
12/08/2019 00:00:00	♃	09°54'05" ♀	-22°22'59"	00°41'07"	12°19'07"	0.003
12/08/2019 00:00:00	♁	00°12'02" ♂	19°15'07"	-00°52'22"	01°08'39"	0.944
12/08/2019 00:00:00	♁	18°24'11" ♂	16°28'41"	01°13'41"	01°14'06"	1.731
12/08/2019 00:00:00	♁	26°02'59" ♂	13°54'05"	01°08'06"	00°38'05"	2.666
12/08/2019 00:00:00	♃	14°30'19" ♀	-22°08'10"	00°24'09"	00°00'04"	4.762
12/08/2019 00:00:00	♅	14°58'58" ♀	-22°19'51"	00°15'54"	-00°03'14"	9.191

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12/08/2019 00:00:00	♃	06°36'54" ♂	13°14'40"	-00°30'21"	00°00'00"	19.593
12/08/2019 00:00:00	♃	18°04'26" ♀	-05°40'48"	-01°02'56"	-00°01'23"	29.045
12/08/2019 00:00:00	♃	21°14'09" ♀	-22°13'09"	-00°27'54"	-00°01'14"	32.958
12/08/2019 00:00:00	♃	17°25'41" ♀	22°18'02"	00°00'00"	00°00'43"	0.002
12/08/2019 00:00:00	♃	05°27'22" ♀	05°06'46"	03°12'32"	-00°01'39"	18.089
12/08/2019 00:00:00	♃	11°10'05" ♀	-11°17'41"	-04°14'22"	00°06'41"	0.003
12/08/2019 00:00:00	♃	17°25'41" ♀	22°18'02"	00°00'00"	00°00'43"	0.002
12/08/2019 00:00:00	♃	27°33'52" ♀	-15°28'41"	-03°22'09"	03°56'58"	0.003
12/08/2019 00:00:00	X	24°17'12" ♀	-01°38'26"	-11°52'11"	-00°00'13"	95.620
12/08/2019 00:00:00	Y	27°59'00" ♂	08°06'03"	-11°53'32"	00°00'12"	84.892
13/08/2019 00:00:00	♃	19°59'06" ♀	14°49'00"	-00°00'00"	00°57'34"	1.013
13/08/2019 00:00:00	♃	22°08'01" ♀	-22°02'26"	-00°25'41"	12°09'10"	0.003
13/08/2019 00:00:00	♃	01°23'35" ♀	19°14'31"	-00°37'11"	01°14'24"	0.971
13/08/2019 00:00:00	♃	19°38'18" ♀	16°06'35"	01°14'50"	01°14'07"	1.731
13/08/2019 00:00:00	♃	26°41'04" ♀	13°40'59"	01°07'59"	00°38'05"	2.667
13/08/2019 00:00:00	♃	14°30'29" ♀	-22°08'23"	00°23'58"	00°00'15"	4.776
13/08/2019 00:00:00	♃	14°55'45" ♀	-22°20'18"	00°15'48"	-00°03'10"	9.201
13/08/2019 00:00:00	♃	06°36'53" ♂	13°14'38"	-00°30'22"	-00°00'02"	19.577
13/08/2019 00:00:00	♃	18°03'02" ♀	-05°41'22"	-01°02'58"	-00°01'24"	29.037

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13/08/2019 00:00:00	♁	21°12'55"	♍	-22°13'26"	-00°27'59"	-00°01'13"	32.966
13/08/2019 00:00:00	♁	17°25'49"	♎	22°18'01"	00°00'00"	-00°00'32"	0.002
13/08/2019 00:00:00	♊	05°25'42"	♏	05°06'09"	03°12'35"	-00°01'41"	18.077
13/08/2019 00:00:00	♋	11°16'47"	♐	-11°15'35"	-04°14'52"	00°06'41"	0.003
13/08/2019 00:00:00	♁	17°25'49"	♎	22°18'01"	00°00'00"	-00°00'32"	0.002
13/08/2019 00:00:00	♋	01°32'27"	♐	-14°18'53"	-03°37'51"	03°56'37"	0.003
13/08/2019 00:00:00	♁	24°16'59"	♏	-01°38'35"	-11°52'15"	-00°00'13"	95.605
13/08/2019 00:00:00	♁	27°59'13"	♏	08°05'57"	-11°53'41"	00°00'11"	84.874
14/08/2019 00:00:00	♁	20°56'40"	♏	14°30'45"	-00°00'00"	00°57'35"	1.013
14/08/2019 00:00:00	♁	04°13'16"	♏	-20°39'51"	-01°30'27"	12°01'41"	0.003
14/08/2019 00:00:00	♋	02°40'45"	♏	19°11'36"	-00°22'28"	01°19'54"	0.997
14/08/2019 00:00:00	♋	20°52'27"	♏	15°44'03"	01°15'55"	01°14'08"	1.731
14/08/2019 00:00:00	♋	27°19'10"	♏	13°27'48"	01°07'52"	00°38'05"	2.668
14/08/2019 00:00:00	♋	14°30'50"	♏	-22°08'36"	00°23'47"	00°00'26"	4.790
14/08/2019 00:00:00	♋	14°52'37"	♍	-22°20'45"	00°15'42"	-00°03'06"	9.210
14/08/2019 00:00:00	♋	06°36'49"	♏	13°14'36"	-00°30'23"	-00°00'05"	19.560
14/08/2019 00:00:00	♋	18°01'37"	♐	-05°41'57"	-01°03'00"	-00°01'25"	29.030
14/08/2019 00:00:00	♁	21°11'42"	♍	-22°13'43"	-00°28'04"	-00°01'13"	32.975
14/08/2019 00:00:00	♁	17°24'31"	♎	22°18'11"	00°00'00"	-00°02'07"	0.002

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14/08/2019 00:00:00	♄	05°23'59" ♏	05°05'32"	03°12'39"	-00°01'44"	18.066
14/08/2019 00:00:00	♁	11°23'29" ♏	-11°13'28"	-04°15'22"	00°06'41"	0.003
14/08/2019 00:00:00	♅	17°24'31" ♏	22°18'11"	00°00'00"	-00°02'07"	0.002
14/08/2019 00:00:00	♁	05°20'59" ♏	-13°08'26"	-03°51'52"	03°38'01"	0.003
14/08/2019 00:00:00	X	24°16'45" ♏	-01°38'44"	-11°52'20"	-00°00'14"	95.590
14/08/2019 00:00:00	Y	27°59'24" ♏	08°05'51"	-11°53'49"	00°00'11"	84.857
15/08/2019 00:00:00	♁	21°54'16" ♏	14°12'16"	-00°00'00"	00°57'36"	1.013
15/08/2019 00:00:00	♃	16°12'06" ♏	-18°22'14"	-02°30'29"	11°56'17"	0.003
15/08/2019 00:00:00	♁	04°03'18" ♏	19°06'15"	-00°08'20"	01°25'08"	1.024
15/08/2019 00:00:00	♁	22°06'36" ♏	15°21'05"	01°16'57"	01°14'09"	1.731
15/08/2019 00:00:00	♁	27°57'15" ♏	13°14'32"	01°07'44"	00°38'05"	2.669
15/08/2019 00:00:00	♁	14°31'23" ♏	-22°08'51"	00°23'36"	00°00'38"	4.804
15/08/2019 00:00:00	♁	14°49'32" ♏	-22°21'12"	00°15'35"	-00°03'02"	9.220
15/08/2019 00:00:00	♁	06°36'42" ♏	13°14'32"	-00°30'24"	-00°00'08"	19.544
15/08/2019 00:00:00	♁	18°00'11" ♏	-05°42'32"	-01°03'01"	-00°01'26"	29.022
15/08/2019 00:00:00	♁	21°10'29" ♏	-22°13'59"	-00°28'10"	-00°01'12"	32.985
15/08/2019 00:00:00	♁	17°21'32" ♏	22°18'34"	00°00'00"	-00°03'48"	0.003
15/08/2019 00:00:00	♄	05°22'13" ♏	05°04'53"	03°12'42"	-00°01'46"	18.054
15/08/2019 00:00:00	♁	11°30'11" ♏	-11°11'22"	-04°15'52"	00°06'41"	0.003

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15/08/2019 00:00:00	T♄	17°21'32" ♉	22°18'34"	00°00'00"	-00°03'48"	0.003
15/08/2019 00:00:00	T♄	08°45'23" ♉	-12°02'44"	-04°03'32"	03°10'06"	0.003
15/08/2019 00:00:00	X	24°16'30" ♉	-01°38'54"	-11°52'25"	-00°00'15"	95.575
15/08/2019 00:00:00	Y	27°59'35" ♉	08°05'46"	-11°53'57"	00°00'10"	84.840
16/08/2019 00:00:00	♁	22°51'53" ♈	13°53'33"	-00°00'00"	00°57'37"	1.013
16/08/2019 00:00:00	♂	28°06'29" ♉	-15°18'32"	-03°23'26"	11°52'46"	0.003
16/08/2019 00:00:00	♀	05°30'56" ♈	18°58'20"	00°05'09"	01°30'03"	1.050
16/08/2019 00:00:00	♀	23°20'46" ♈	14°57'41"	01°17'56"	01°14'10"	1.731
16/08/2019 00:00:00	♂	28°35'21" ♈	13°01'10"	01°07'36"	00°38'06"	2.670
16/08/2019 00:00:00	♃	14°32'06" ♉	-22°09'07"	00°23'24"	00°00'49"	4.818
16/08/2019 00:00:00	♃	14°46'32" ♉	-22°21'38"	00°15'29"	-00°02'58"	9.230
16/08/2019 00:00:00	♃	06°36'32" ♉	13°14'28"	-00°30'26"	-00°00'11"	19.528
16/08/2019 00:00:00	♃	17°58'45" ♉	-05°43'07"	-01°03'03"	-00°01'27"	29.015
16/08/2019 00:00:00	♃	21°09'17" ♉	-22°14'16"	-00°28'15"	-00°01'11"	32.994
16/08/2019 00:00:00	♁	17°16'56" ♉	22°19'09"	00°00'00"	-00°05'20"	0.003
16/08/2019 00:00:00	♃	05°20'26" ♉	05°04'14"	03°12'46"	-00°01'48"	18.043
16/08/2019 00:00:00	♃	11°36'53" ♉	-11°09'15"	-04°16'21"	00°06'41"	0.003
16/08/2019 00:00:00	T♄	17°16'56" ♉	22°19'09"	00°00'00"	-00°05'20"	0.003
16/08/2019 00:00:00	T♄	11°41'38" ♉	-11°04'14"	-04°12'54"	02°43'21"	0.003

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16/08/2019 00:00:00	X	24°16'14" ♄	-01°39'04"	-11°52'30"	-00°00'15"	95.560
16/08/2019 00:00:00	Y	27°59'45" ♃	08°05'40"	-11°54'06"	00°00'09"	84.823
17/08/2019 00:00:00	☉	23°49'31" ♋	13°34'37"	-00°00'00"	00°57'38"	1.013
17/08/2019 00:00:00	☾	09°58'15" ♋	-11°38'34"	-04°07'17"	11°51'04"	0.003
17/08/2019 00:00:00	♀	07°03'19" ♋	18°47'45"	00°17'58"	01°34'39"	1.076
17/08/2019 00:00:00	♀	24°34'57" ♋	14°33'53"	01°18'50"	01°14'11"	1.730
17/08/2019 00:00:00	♂	29°13'28" ♋	12°47'44"	01°07'28"	00°38'06"	2.671
17/08/2019 00:00:00	♃	14°33'01" ♌	-22°09'25"	00°23'13"	00°01'00"	4.833
17/08/2019 00:00:00	♅	14°43'35" ♌	-22°22'03"	00°15'23"	-00°02'53"	9.241
17/08/2019 00:00:00	♁	06°36'19" ♌	13°14'23"	-00°30'27"	-00°00'14"	19.512
17/08/2019 00:00:00	♃	17°57'17" ♌	-05°43'43"	-01°03'04"	-00°01'28"	29.008
17/08/2019 00:00:00	♁	21°08'07" ♌	-22°14'32"	-00°28'20"	-00°01'10"	33.004
17/08/2019 00:00:00	♁	17°11'00" ♌	22°19'55"	00°00'00"	-00°06'27"	0.003
17/08/2019 00:00:00	♃	05°18'36" ♌	05°03'33"	03°12'49"	-00°01'51"	18.032
17/08/2019 00:00:00	♁	11°43'35" ♌	-11°07'08"	-04°16'51"	00°06'41"	0.003
17/08/2019 00:00:00	T♁	17°11'00" ♌	22°19'55"	00°00'00"	-00°06'27"	0.003
17/08/2019 00:00:00	T♃	14°14'53" ♌	-10°12'10"	-04°20'33"	02°24'42"	0.003
17/08/2019 00:00:00	X	24°15'58" ♄	-01°39'14"	-11°52'34"	-00°00'16"	95.546
17/08/2019 00:00:00	Y	27°59'55" ♃	08°05'33"	-11°54'14"	00°00'09"	84.805

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18/08/2019 00:00:00	☉	24°47'10" ♈	13°15'28"	-00°00'00"	00°57'40"	1.012
18/08/2019 00:00:00	☾	21°49'15" ♏	-07°32'07"	-04°40'22"	11°51'16"	0.003
18/08/2019 00:00:00	♁	08°40'07" ♈	18°34'27"	00°30'01"	01°38'53"	1.101
18/08/2019 00:00:00	♂	25°49'08" ♈	14°09'41"	01°19'41"	01°14'12"	1.730
18/08/2019 00:00:00	♂	29°51'34" ♈	12°34'13"	01°07'20"	00°38'06"	2.671
18/08/2019 00:00:00	♃	14°34'06" ♏	-22°09'44"	00°23'02"	00°01'11"	4.847
18/08/2019 00:00:00	♄	14°40'44" ♏	-22°22'28"	00°15'17"	-00°02'49"	9.251
18/08/2019 00:00:00	♅	06°36'03" ♏	13°14'17"	-00°30'28"	-00°00'17"	19.496
18/08/2019 00:00:00	♆	17°55'49" ♏	-05°44'19"	-01°03'06"	-00°01'29"	29.002
18/08/2019 00:00:00	♇	21°06'57" ♏	-22°14'48"	-00°28'25"	-00°01'09"	33.014
18/08/2019 00:00:00	♈	17°04'13" ♏	22°20'46"	00°00'00"	-00°06'58"	0.003
18/08/2019 00:00:00	♉	05°16'43" ♏	05°02'51"	03°12'52"	-00°01'53"	18.022
18/08/2019 00:00:00	♊	11°50'17" ♏	-11°05'01"	-04°17'20"	00°06'41"	0.003
18/08/2019 00:00:00	♋	17°04'13" ♏	22°20'46"	00°00'00"	-00°06'58"	0.003
18/08/2019 00:00:00	♌	16°33'51" ♏	-09°24'06"	-04°27'07"	02°14'15"	0.003
18/08/2019 00:00:00	♍	24°15'42" ♏	-01°39'24"	-11°52'39"	-00°00'16"	95.531
18/08/2019 00:00:00	♎	28°00'03" ♏	08°05'27"	-11°54'23"	00°00'08"	84.788
19/08/2019 00:00:00	☉	25°44'51" ♈	12°56'07"	-00°00'00"	00°57'41"	1.012
19/08/2019 00:00:00	☾	03°41'31" ♏	-03°08'33"	-05°01'23"	11°53'40"	0.003



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19/08/2019 00:00:00	♀	10°20'58" ♈	18°18'22"	00°41'15"	01°42'43"	1.126
19/08/2019 00:00:00	♀	27°03'21" ♈	13°45'05"	01°20'29"	01°14'13"	1.730
19/08/2019 00:00:00	♂	00°29'41" ♉	12°20'38"	01°07'12"	00°38'07"	2.672
19/08/2019 00:00:00	♋	14°35'23" ♈	-22°10'03"	00°22'51"	00°01'21"	4.861
19/08/2019 00:00:00	♌	14°37'56" ♈	-22°22'52"	00°15'11"	-00°02'44"	9.262
19/08/2019 00:00:00	♍	06°35'44" ♉	13°14'09"	-00°30'29"	-00°00'20"	19.480
19/08/2019 00:00:00	♎	17°54'19" ♉	-05°44'55"	-01°03'07"	-00°01'29"	28.995
19/08/2019 00:00:00	♏	21°05'48" ♈	-22°15'04"	-00°28'31"	-00°01'08"	33.024
19/08/2019 00:00:00	♐	16°57'16" ♉	22°21'39"	00°00'00"	-00°06'47"	0.002
19/08/2019 00:00:00	♑	05°14'48" ♉	05°02'08"	03°12'55"	-00°01'55"	18.011
19/08/2019 00:00:00	♒	11°56'59" ♉	-11°02'54"	-04°17'50"	00°06'41"	0.003
19/08/2019 00:00:00	T♐	16°57'16" ♉	22°21'39"	00°00'00"	-00°06'47"	0.002
19/08/2019 00:00:00	T♑	18°44'23" ♉	-08°38'18"	-04°32'59"	02°06'39"	0.003
19/08/2019 00:00:00	X	24°15'24" ♉	-01°39'34"	-11°52'43"	-00°00'17"	95.517
19/08/2019 00:00:00	Y	28°00'11" ♉	08°05'20"	-11°54'31"	00°00'07"	84.771
20/08/2019 00:00:00	♈	26°42'33" ♈	12°36'33"	-00°00'00"	00°57'43"	1.012
20/08/2019 00:00:00	♉	15°37'29" ♉	01°23'13"	-05°09'28"	11°58'42"	0.003
20/08/2019 00:00:00	♀	12°05'27" ♈	17°59'32"	00°51'37"	01°46'09"	1.150
20/08/2019 00:00:00	♀	28°17'34" ♈	13°20'07"	01°21'13"	01°14'14"	1.729

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20/08/2019 00:00:00	♂	01°07'48" ♉	12°06'57"	01°07'04"	00°38'07"	2.673
20/08/2019 00:00:00	♃	14°36'50" ♈	-22°10'24"	00°22'40"	00°01'32"	4.876
20/08/2019 00:00:00	♃	14°35'14" ♈	-22°23'16"	00°15'05"	-00°02'40"	9.273
20/08/2019 00:00:00	♃	06°35'22" ♈	13°14'01"	-00°30'30"	-00°00'23"	19.464
20/08/2019 00:00:00	♃	17°52'49" ♈	-05°45'32"	-01°03'08"	-00°01'30"	28.989
20/08/2019 00:00:00	♃	21°04'41" ♈	-22°15'19"	-00°28'36"	-00°01'07"	33.035
20/08/2019 00:00:00	♁	16°50'52" ♁	22°22'27"	00°00'00"	-00°05'55"	0.002
20/08/2019 00:00:00	♃	05°12'51" ♈	05°01'24"	03°12'58"	-00°01'58"	18.001
20/08/2019 00:00:00	♃	12°03'41" ♈	-11°00'46"	-04°18'19"	00°06'41"	0.003
20/08/2019 00:00:00	T♁	16°50'52" ♁	22°22'27"	00°00'00"	-00°05'55"	0.002
20/08/2019 00:00:00	T♃	20°45'44" ♈	-07°55'12"	-04°38'09"	01°54'48"	0.003
20/08/2019 00:00:00	X	24°15'07" ♈	-01°39'45"	-11°52'48"	-00°00'18"	95.503
20/08/2019 00:00:00	Y	28°00'18" ♈	08°05'14"	-11°54'40"	00°00'06"	84.753
21/08/2019 00:00:00	♁	27°40'17" ♁	12°16'47"	-00°00'00"	00°57'44"	1.012
21/08/2019 00:00:00	♃	27°39'59" ♈	05°54'26"	-05°04'00"	12°06'52"	0.003
21/08/2019 00:00:00	♁	13°53'09" ♁	17°37'58"	01°01'06"	01°49'10"	1.173
21/08/2019 00:00:00	♀	29°31'49" ♁	12°54'47"	01°21'53"	01°14'15"	1.729
21/08/2019 00:00:00	♂	01°45'56" ♉	11°53'13"	01°06'55"	00°38'07"	2.673
21/08/2019 00:00:00	♃	14°38'29" ♈	-22°10'46"	00°22'29"	00°01'43"	4.890

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21/08/2019 00:00:00	♃	14°32'36" ♎	-22°23'40"	00°14'58"	-00°02'35"	9.284
21/08/2019 00:00:00	♅	06°34'57" ♏	13°13'52"	-00°30'31"	-00°00'26"	19.448
21/08/2019 00:00:00	♆	17°51'18" ♏	-05°46'08"	-01°03'10"	-00°01'31"	28.983
21/08/2019 00:00:00	♁	21°03'34" ♎	-22°15'35"	-00°28'41"	-00°01'06"	33.046
21/08/2019 00:00:00	♄	16°45'37" ♏	22°23'06"	00°00'00"	-00°04'28"	0.002
21/08/2019 00:00:00	♂	05°10'52" ♏	05°00'39"	03°13'01"	-00°02'00"	17.991
21/08/2019 00:00:00	♁	12°10'23" ♏	-10°58'38"	-04°18'48"	00°06'41"	0.003
21/08/2019 00:00:00	♁	16°45'37" ♏	22°23'06"	00°00'00"	-00°04'28"	0.002
21/08/2019 00:00:00	♁	22°30'37" ♏	-07°17'36"	-04°42'23"	01°32'55"	0.003
21/08/2019 00:00:00	X	24°14'48" ♏	-01°39'55"	-11°52'52"	-00°00'18"	95.489
21/08/2019 00:00:00	Y	28°00'25" ♏	08°05'07"	-11°54'48"	00°00'06"	84.736
22/08/2019 00:00:00	♁	28°38'02" ♏	11°56'50"	-00°00'00"	00°57'46"	1.012
22/08/2019 00:00:00	♂	09°52'27" ♏	10°15'50"	-04°44'48"	12°18'40"	0.003
22/08/2019 00:00:00	♁	15°43'38" ♏	17°13'42"	01°09'41"	01°51'44"	1.195
22/08/2019 00:00:00	♁	00°46'05" ♏	12°29'06"	01°22'29"	01°14'16"	1.728
22/08/2019 00:00:00	♁	02°24'04" ♏	11°39'23"	01°06'46"	00°38'08"	2.674
22/08/2019 00:00:00	♁	14°40'18" ♏	-22°11'10"	00°22'18"	00°01'54"	4.905
22/08/2019 00:00:00	♃	14°30'02" ♎	-22°24'02"	00°14'52"	-00°02'30"	9.296
22/08/2019 00:00:00	♅	06°34'29" ♏	13°13'42"	-00°30'32"	-00°00'29"	19.432

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22/08/2019 00:00:00	♁	17°49'46" ♏	-05°46'45"	-01°03'11"	-00°01'32"	28.978
22/08/2019 00:00:00	♁	21°02'29" ♏	-22°15'50"	-00°28'46"	-00°01'04"	33.057
22/08/2019 00:00:00	♁	16°42'01" ♏	22°23'33"	00°00'00"	-00°02'42"	0.002
22/08/2019 00:00:00	♁	05°08'51" ♏	04°59'54"	03°13'03"	-00°02'02"	17.981
22/08/2019 00:00:00	♁	12°17'05" ♏	-10°56'31"	-04°19'17"	00°06'41"	0.003
22/08/2019 00:00:00	♁	16°42'01" ♏	22°23'33"	00°00'00"	-00°02'42"	0.002
22/08/2019 00:00:00	♁	23°47'08" ♏	-06°49'58"	-04°45'21"	00°57'47"	0.003
22/08/2019 00:00:00	X	24°14'30" ♏	-01°40'06"	-11°52'57"	-00°00'19"	95.475
22/08/2019 00:00:00	Y	28°00'31" ♏	08°05'00"	-11°54'56"	00°00'05"	84.719
23/08/2019 00:00:00	♁	29°35'50" ♏	11°36'41"	-00°00'00"	00°57'48"	1.011
23/08/2019 00:00:00	♁	22°18'41" ♏	14°16'57"	-04°11'58"	12°34'28"	0.003
23/08/2019 00:00:00	♁	17°36'30" ♏	16°46'51"	01°17'20"	01°53'54"	1.216
23/08/2019 00:00:00	♁	02°00'21" ♏	12°03'05"	01°23'02"	01°14'17"	1.727
23/08/2019 00:00:00	♁	03°02'13" ♏	11°25'30"	01°06'38"	00°38'08"	2.674
23/08/2019 00:00:00	♁	14°42'18" ♏	-22°11'34"	00°22'07"	00°02'05"	4.920
23/08/2019 00:00:00	♁	14°27'34" ♏	-22°24'24"	00°14'46"	-00°02'25"	9.307
23/08/2019 00:00:00	♁	06°33'59" ♏	13°13'31"	-00°30'33"	-00°00'31"	19.417
23/08/2019 00:00:00	♁	17°48'14" ♏	-05°47'23"	-01°03'12"	-00°01'32"	28.973
23/08/2019 00:00:00	♁	21°01'24" ♏	-22°16'05"	-00°28'51"	-00°01'03"	33.068

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23/08/2019 00:00:00	♏	16°40'12" ♃	22°23'46"	00°00'00"	-00°00'57"	0.002
23/08/2019 00:00:00	♋	05°06'47" ♄	04°59'07"	03°13'06"	-00°02'04"	17.972
23/08/2019 00:00:00	♌	12°23'47" ♃	-10°54'22"	-04°19'45"	00°06'42"	0.003
23/08/2019 00:00:00	♏	16°40'12" ♃	22°23'46"	00°00'00"	-00°00'57"	0.002
23/08/2019 00:00:00	♌	24°21'46" ♃	-06°37'27"	-04°46'41"	00°09'28"	0.003
23/08/2019 00:00:00	X	24°14'10" ♄	-01°40'17"	-11°53'01"	-00°00'19"	95.461
23/08/2019 00:00:00	Y	28°00'36" ♄	08°04'52"	-11°55'05"	00°00'04"	84.701
24/08/2019 00:00:00	♏	00°33'38" ♄	11°16'21"	-00°00'00"	00°57'49"	1.011
24/08/2019 00:00:00	♎	05°02'46" ♃	17°45'26"	-03°26'03"	12°54'22"	0.003
24/08/2019 00:00:00	♌	19°31'19" ♄	16°17'32"	01°24'03"	01°55'38"	1.235
24/08/2019 00:00:00	♌	03°14'39" ♄	11°36'44"	01°23'31"	01°14'18"	1.727
24/08/2019 00:00:00	♌	03°40'22" ♄	11°11'31"	01°06'29"	00°38'09"	2.675
24/08/2019 00:00:00	♉	14°44'30" ♃	-22°12'00"	00°21'56"	00°02'16"	4.935
24/08/2019 00:00:00	♌	14°25'10" ♃	-22°24'46"	00°14'40"	-00°02'21"	9.319
24/08/2019 00:00:00	♌	06°33'25" ♄	13°13'19"	-00°30'34"	-00°00'34"	19.401
24/08/2019 00:00:00	♌	17°46'40" ♃	-05°48'00"	-01°03'13"	-00°01'33"	28.968
24/08/2019 00:00:00	♌	21°00'21" ♃	-22°16'20"	-00°28'56"	-00°01'02"	33.080
24/08/2019 00:00:00	♏	16°40'00" ♃	22°23'48"	00°00'00"	00°00'28"	0.002
24/08/2019 00:00:00	♋	05°04'42" ♄	04°58'19"	03°13'08"	-00°02'06"	17.962

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24/08/2019 00:00:00	☾	12°30'29" ♈	-10°52'14"	-04°20'14"	00°06'42"	0.003
24/08/2019 00:00:00	♄	16°40'00" ♉	22°23'48"	00°00'00"	00°00'28"	0.002
24/08/2019 00:00:00	♃	24°03'06" ♈	-06°44'17"	-04°46'04"	-00°47'33"	0.003
24/08/2019 00:00:00	X	24°13'51" ♈	-01°40'28"	-11°53'05"	-00°00'20"	95.447
24/08/2019 00:00:00	Y	28°00'40" ♉	08°04'45"	-11°55'13"	00°00'04"	84.684
25/08/2019 00:00:00	☉	01°31'29" ♍	10°55'51"	-00°00'00"	00°57'51"	1.011
25/08/2019 00:00:00	☾	18°08'42" ♈	20°26'47"	-02°28'14"	13°18'04"	0.003
25/08/2019 00:00:00	♀	21°27'40" ♈	15°45'53"	01°29'50"	01°56'59"	1.254
25/08/2019 00:00:00	♀	04°28'57" ♍	11°10'04"	01°23'56"	01°14'19"	1.726
25/08/2019 00:00:00	♂	04°18'31" ♍	10°57'29"	01°06'20"	00°38'09"	2.675
25/08/2019 00:00:00	♃	14°46'52" ♈	-22°12'27"	00°21'45"	00°02'27"	4.949
25/08/2019 00:00:00	♃	14°22'52" ♈	-22°25'07"	00°14'34"	-00°02'16"	9.331
25/08/2019 00:00:00	♃	06°32'49" ♈	13°13'06"	-00°30'35"	-00°00'37"	19.386
25/08/2019 00:00:00	♃	17°45'07" ♈	-05°48'38"	-01°03'15"	-00°01'34"	28.963
25/08/2019 00:00:00	♃	20°59'19" ♈	-22°16'34"	-00°29'02"	-00°01'01"	33.091
25/08/2019 00:00:00	♄	16°40'55" ♉	22°23'41"	00°00'00"	00°01'13"	0.002
25/08/2019 00:00:00	♃	05°02'34" ♈	04°57'30"	03°13'10"	-00°02'08"	17.953
25/08/2019 00:00:00	☾	12°37'11" ♈	-10°50'05"	-04°20'43"	00°06'42"	0.003
25/08/2019 00:00:00	♄	16°40'55" ♉	22°23'41"	00°00'00"	00°01'13"	0.002

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25/08/2019 00:00:00	T♄	22°47'02" ♋	-07°11'52"	-04°43'13"	-01°43'16"	0.003
25/08/2019 00:00:00	X	24°13'30" ♋	-01°40'39"	-11°53'09"	-00°00'20"	95.434
25/08/2019 00:00:00	Y	28°00'44" ♋	08°04'37"	-11°55'22"	00°00'03"	84.666
26/08/2019 00:00:00	☉	02°29'22" ♍	10°35'09"	-00°00'00"	00°57'53"	1.011
26/08/2019 00:00:00	☾	01°39'52" ♎	22°05'04"	-01°20'28"	13°44'37"	0.003
26/08/2019 00:00:00	♀	23°25'11" ♋	15°12'04"	01°34'43"	01°57'58"	1.271
26/08/2019 00:00:00	♀	05°43'17" ♍	10°43'06"	01°24'17"	01°14'19"	1.725
26/08/2019 00:00:00	♂	04°56'42" ♍	10°43'23"	01°06'10"	00°38'10"	2.675
26/08/2019 00:00:00	♃	14°49'24" ♌	-22°12'55"	00°21'35"	00°02'38"	4.964
26/08/2019 00:00:00	♅	14°20'38" ♌	-22°25'27"	00°14'27"	-00°02'10"	9.343
26/08/2019 00:00:00	♁	06°32'10" ♋	13°12'52"	-00°30'36"	-00°00'40"	19.371
26/08/2019 00:00:00	♃	17°43'32" ♋	-05°49'16"	-01°03'16"	-00°01'34"	28.959
26/08/2019 00:00:00	♁	20°58'19" ♌	-22°16'48"	-00°29'07"	-00°00'59"	33.103
26/08/2019 00:00:00	♁	16°42'10" ♎	22°23'32"	00°00'00"	00°01'07"	0.002
26/08/2019 00:00:00	♃	05°00'25" ♋	04°56'41"	03°13'12"	-00°02'10"	17.945
26/08/2019 00:00:00	♁	12°43'53" ♋	-10°47'57"	-04°21'11"	00°06'42"	0.003
26/08/2019 00:00:00	T♁	16°42'10" ♎	22°23'32"	00°00'00"	00°01'07"	0.002
26/08/2019 00:00:00	T♄	20°41'38" ♋	-07°56'51"	-04°38'10"	-02°23'52"	0.003
26/08/2019 00:00:00	X	24°13'09" ♋	-01°40'50"	-11°53'13"	-00°00'21"	95.421

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26/08/2019 00:00:00	Y	28°00'47" ♄	08°04'30"	-11°55'30"	00°00'02"	84.649
27/08/2019 00:00:00	☉	03°27'16" ♉	10°14'18"	-00°00'00"	00°57'55"	1.011
27/08/2019 00:00:00	☾	15°38'20" ♉	22°25'24"	-00°05'48"	14°12'18"	0.002
27/08/2019 00:00:00	♀	25°23'31" ♈	14°36'14"	01°38'42"	01°58'37"	1.287
27/08/2019 00:00:00	♀	06°57'37" ♉	10°15'50"	01°24'35"	01°14'20"	1.724
27/08/2019 00:00:00	♂	05°34'52" ♉	10°29'12"	01°06'01"	00°38'11"	2.675
27/08/2019 00:00:00	♃	14°52'08" ♈	-22°13'24"	00°21'24"	00°02'48"	4.979
27/08/2019 00:00:00	♅	14°18'30" ♄	-22°25'47"	00°14'21"	-00°02'05"	9.356
27/08/2019 00:00:00	♁	06°31'28" ♄	13°12'38"	-00°30'37"	-00°00'43"	19.356
27/08/2019 00:00:00	♃	17°41'58" ♈	-05°49'54"	-01°03'17"	-00°01'35"	28.954
27/08/2019 00:00:00	♁	20°57'19" ♄	-22°17'03"	-00°29'12"	-00°00'58"	33.115
27/08/2019 00:00:00	♁	16°42'51" ♉	22°23'27"	00°00'00"	00°00'06"	0.002
27/08/2019 00:00:00	♃	04°58'13" ♈	04°55'50"	03°13'14"	-00°02'12"	17.936
27/08/2019 00:00:00	♁	12°50'35" ♈	-10°45'48"	-04°21'39"	00°06'42"	0.003
27/08/2019 00:00:00	T♁	16°42'51" ♉	22°23'27"	00°00'00"	00°00'06"	0.002
27/08/2019 00:00:00	T♃	18°08'01" ♈	-08°51'10"	-04°31'26"	-02°38'41"	0.003
27/08/2019 00:00:00	X	24°12'48" ♈	-01°41'01"	-11°53'17"	-00°00'21"	95.408
27/08/2019 00:00:00	Y	28°00'49" ♄	08°04'22"	-11°55'39"	00°00'02"	84.632
28/08/2019 00:00:00	☉	04°25'12" ♉	09°53'17"	-00°00'00"	00°57'56"	1.010



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28/08/2019 00:00:00	♃	00°04'00" ♈	21°17'49"	01°11'27"	14°38'33"	0.002
28/08/2019 00:00:00	♆	27°22'20" ♈	13°58'35"	01°41'49"	01°58'57"	1.302
28/08/2019 00:00:00	♀	08°11'58" ♍	09°48'17"	01°24'48"	01°14'21"	1.724
28/08/2019 00:00:00	♂	06°13'04" ♍	10°14'58"	01°05'51"	00°38'11"	2.675
28/08/2019 00:00:00	♃	14°55'02" ♌	-22°13'54"	00°21'13"	00°02'59"	4.994
28/08/2019 00:00:00	♄	14°16'27" ♌	-22°26'06"	00°14'15"	-00°02'00"	9.368
28/08/2019 00:00:00	♅	06°30'44" ♌	13°12'22"	-00°30'38"	-00°00'46"	19.341
28/08/2019 00:00:00	♆	17°40'22" ♌	-05°50'32"	-01°03'18"	-00°01'35"	28.951
28/08/2019 00:00:00	♁	20°56'21" ♌	-22°17'17"	-00°29'17"	-00°00'57"	33.128
28/08/2019 00:00:00	♂	16°42'08" ♌	22°23'32"	00°00'00"	-00°01'38"	0.002
28/08/2019 00:00:00	♄	04°56'00" ♌	04°54'59"	03°13'15"	-00°02'14"	17.928
28/08/2019 00:00:00	♁	12°57'17" ♌	-10°43'38"	-04°22'08"	00°06'42"	0.003
28/08/2019 00:00:00	♁	16°42'08" ♌	22°23'32"	00°00'00"	-00°01'38"	0.002
28/08/2019 00:00:00	♁	15°32'45" ♌	-09°45'07"	-04°24'03"	-02°28'28"	0.003
28/08/2019 00:00:00	X	24°12'26" ♌	-01°41'13"	-11°53'21"	-00°00'22"	95.395
28/08/2019 00:00:00	Y	28°00'51" ♌	08°04'14"	-11°55'47"	00°00'01"	84.615
29/08/2019 00:00:00	♁	05°23'09" ♍	09°32'06"	-00°00'00"	00°57'58"	1.010
29/08/2019 00:00:00	♃	14°53'54" ♈	18°41'15"	02°25'54"	15°00'10"	0.002
29/08/2019 00:00:00	♆	29°21'20" ♈	13°19'17"	01°44'06"	01°59'01"	1.315

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29/08/2019 00:00:00	♀	09°26'20" ♍	09°20'28"	01°24'58"	01°14'22"	1.723
29/08/2019 00:00:00	♂	06°51'16" ♍	10°00'40"	01°05'42"	00°38'12"	2.675
29/08/2019 00:00:00	♃	14°58'07" ♏	-22°14'25"	00°21'03"	00°03'10"	5.009
29/08/2019 00:00:00	♅	14°14'29" ♏	-22°26'25"	00°14'09"	-00°01'55"	9.381
29/08/2019 00:00:00	♁	06°29'56" ♏	13°12'06"	-00°30'39"	-00°00'49"	19.326
29/08/2019 00:00:00	♃	17°38'46" ♏	-05°51'11"	-01°03'19"	-00°01'36"	28.947
29/08/2019 00:00:00	♁	20°55'24" ♏	-22°17'30"	-00°29'22"	-00°00'56"	33.140
29/08/2019 00:00:00	♁	16°39'26" ♏	22°23'52"	00°00'00"	-00°03'46"	0.002
29/08/2019 00:00:00	♃	04°53'45" ♏	04°54'06"	03°13'17"	-00°02'16"	17.920
29/08/2019 00:00:00	♁	13°03'59" ♏	-10°41'29"	-04°22'36"	00°06'42"	0.003
29/08/2019 00:00:00	T♁	16°39'26" ♏	22°23'52"	00°00'00"	-00°03'46"	0.002
29/08/2019 00:00:00	T♁	13°15'08" ♏	-10°32'06"	-04°17'04"	-02°06'13"	0.003
29/08/2019 00:00:00	X	24°12'04" ♏	-01°41'24"	-11°53'25"	-00°00'22"	95.382
29/08/2019 00:00:00	Y	28°00'52" ♏	08°04'06"	-11°55'56"	00°00'00"	84.597
30/08/2019 00:00:00	♁	06°21'09" ♍	09°10'46"	-00°00'00"	00°58'00"	1.010
30/08/2019 00:00:00	♃	00°01'43" ♍	14°45'27"	03°31'30"	15°13'55"	0.002
30/08/2019 00:00:00	♁	01°20'17" ♍	12°38'30"	01°45'36"	01°58'50"	1.327
30/08/2019 00:00:00	♀	10°40'43" ♍	08°52'25"	01°25'04"	01°14'23"	1.722
30/08/2019 00:00:00	♂	07°29'28" ♍	09°46'18"	01°05'32"	00°38'12"	2.675

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30/08/2019 00:00:00	♃	15°01'23" ♄	-22°14'57"	00°20'52"	00°03'20"	5.024
30/08/2019 00:00:00	♅	14°12'36" ♁	-22°26'43"	00°14'03"	-00°01'50"	9.394
30/08/2019 00:00:00	♆	06°29'06" ♁	13°11'48"	-00°30'40"	-00°00'51"	19.311
30/08/2019 00:00:00	♅	17°37'10" ♁	-05°51'49"	-01°03'20"	-00°01'36"	28.944
30/08/2019 00:00:00	♆	20°54'29" ♁	-22°17'44"	-00°29'27"	-00°00'54"	33.153
30/08/2019 00:00:00	♁	16°34'36" ♁	22°24'28"	00°00'00"	-00°05'50"	0.002
30/08/2019 00:00:00	♅	04°51'28" ♁	04°53'13"	03°13'18"	-00°02'17"	17.912
30/08/2019 00:00:00	♁	13°10'42" ♁	-10°39'19"	-04°23'03"	00°06'42"	0.003
30/08/2019 00:00:00	T♁	16°34'36" ♁	22°24'28"	00°00'00"	-00°05'50"	0.002
30/08/2019 00:00:00	T♅	11°18'39" ♁	-11°11'16"	-04°10'58"	-01°48'44"	0.003
30/08/2019 00:00:00	X	24°11'41" ♁	-01°41'35"	-11°53'28"	-00°00'23"	95.370
30/08/2019 00:00:00	Y	28°00'52" ♁	08°03'58"	-11°56'04"	-00°00'00"	84.580
31/08/2019 00:00:00	♁	07°19'10" ♁	08°49'18"	00°00'00"	00°58'01"	1.010
31/08/2019 00:00:00	♁	15°18'18" ♁	09°49'23"	04°22'34"	15°17'23"	0.002
31/08/2019 00:00:00	♁	03°18'57" ♁	11°56'26"	01°46'20"	01°58'27"	1.337
31/08/2019 00:00:00	♁	11°55'07" ♁	08°24'06"	01°25'06"	01°14'23"	1.721
31/08/2019 00:00:00	♁	08°07'41" ♁	09°31'52"	01°05'22"	00°38'12"	2.675
31/08/2019 00:00:00	♃	15°04'49" ♄	-22°15'31"	00°20'41"	00°03'31"	5.040
31/08/2019 00:00:00	♅	14°10'49" ♁	-22°27'01"	00°13'57"	-00°01'44"	9.407

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31/08/2019 00:00:00	♃	06°28'12" ♉	13°11'30"	-00°30'41"	-00°00'54"	19.297
31/08/2019 00:00:00	♃	17°35'33" ♉	-05°52'28"	-01°03'21"	-00°01'37"	28.941
31/08/2019 00:00:00	♃	20°53'34" ♉	-22°17'57"	-00°29'32"	-00°00'53"	33.166
31/08/2019 00:00:00	♃	16°27'56" ♉	22°25'17"	00°00'00"	-00°07'19"	0.002
31/08/2019 00:00:00	♃	04°49'09" ♉	04°52'19"	03°13'19"	-00°02'19"	17.905
31/08/2019 00:00:00	♃	13°17'24" ♉	-10°37'10"	-04°23'31"	00°06'42"	0.003
31/08/2019 00:00:00	♃	16°27'56" ♉	22°25'17"	00°00'00"	-00°07'19"	0.002
31/08/2019 00:00:00	♃	09°32'16" ♉	-11°46'39"	-04°05'21"	-01°47'01"	0.003
31/08/2019 00:00:00	X	24°11'18" ♉	-01°41'47"	-11°53'32"	-00°00'23"	95.357
31/08/2019 00:00:00	Y	28°00'51" ♉	08°03'50"	-11°56'13"	-00°00'01"	84.563
01/09/2019 00:00:00	♃	08°17'12" ♉	08°27'41"	00°00'00"	00°58'03"	1.009
01/09/2019 00:00:00	♃	00°32'48" ♉	04°17'25"	04°54'50"	15°09'48"	0.002
01/09/2019 00:00:00	♃	05°17'09" ♉	11°13'15"	01°46'22"	01°57'54"	1.347
01/09/2019 00:00:00	♃	13°09'31" ♉	07°55'34"	01°25'04"	01°14'24"	1.719
01/09/2019 00:00:00	♃	08°45'54" ♉	09°17'23"	01°05'12"	00°38'13"	2.675
01/09/2019 00:00:00	♃	15°08'25" ♉	-22°16'05"	00°20'31"	00°03'41"	5.055
01/09/2019 00:00:00	♃	14°09'06" ♉	-22°27'18"	00°13'50"	-00°01'39"	9.421
01/09/2019 00:00:00	♃	06°27'16" ♉	13°11'11"	-00°30'42"	-00°00'57"	19.282
01/09/2019 00:00:00	♃	17°33'55" ♉	-05°53'07"	-01°03'22"	-00°01'37"	28.938

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01/09/2019 00:00:00	♁	20°52'41"	♏	-22°18'10"	-00°29'37"	-00°00'52"	33.179
01/09/2019 00:00:00	♁	16°20'14"	♏	22°26'13"	00°00'00"	-00°07'53"	0.002
01/09/2019 00:00:00	♁	04°46'48"	♏	04°51'24"	03°13'20"	-00°02'21"	17.897
01/09/2019 00:00:00	♁	13°24'06"	♏	-10°35'00"	-04°23'59"	00°06'42"	0.003
01/09/2019 00:00:00	♁	16°20'14"	♏	22°26'13"	00°00'00"	-00°07'53"	0.002
01/09/2019 00:00:00	♁	07°39'03"	♏	-12°23'53"	-03°59'22"	-02°01'27"	0.003
01/09/2019 00:00:00	X	24°10'54"	♏	-01°41'59"	-11°53'35"	-00°00'24"	95.345
01/09/2019 00:00:00	Y	28°00'50"	♏	08°03'41"	-11°56'21"	-00°00'01"	84.546
02/09/2019 00:00:00	♁	09°15'16"	♏	08°05'56"	00°00'00"	00°58'04"	1.009
02/09/2019 00:00:00	♁	15°34'36"	♏	-01°25'07"	05°06'13"	14°52'21"	0.002
02/09/2019 00:00:00	♁	07°14'43"	♏	10°29'05"	01°45'43"	01°57'12"	1.355
02/09/2019 00:00:00	♁	14°23'55"	♏	07°26'48"	01°24'58"	01°14'24"	1.718
02/09/2019 00:00:00	♁	09°24'07"	♏	09°02'51"	01°05'02"	00°38'13"	2.675
02/09/2019 00:00:00	♁	15°12'12"	♏	-22°16'40"	00°20'21"	00°03'51"	5.070
02/09/2019 00:00:00	♁	14°07'30"	♏	-22°27'34"	00°13'44"	-00°01'33"	9.434
02/09/2019 00:00:00	♁	06°26'17"	♏	13°10'50"	-00°30'43"	-00°01'00"	19.268
02/09/2019 00:00:00	♁	17°32'17"	♏	-05°53'46"	-01°03'23"	-00°01'37"	28.936
02/09/2019 00:00:00	♁	20°51'50"	♏	-22°18'23"	-00°29'42"	-00°00'50"	33.193
02/09/2019 00:00:00	♁	16°12'30"	♏	22°27'09"	00°00'00"	-00°07'23"	0.002

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02/09/2019 00:00:00	♄	04°44'26" ♏	04°50'28"	03°13'21"	-00°02'22"	17.890
02/09/2019 00:00:00	♁	13°30'48" ♏	-10°32'50"	-04°24'26"	00°06'42"	0.003
02/09/2019 00:00:00	♁	16°12'30" ♏	22°27'09"	00°00'00"	-00°07'23"	0.002
02/09/2019 00:00:00	♁	05°27'27" ♏	-13°06'24"	-03°52'15"	-02°21'15"	0.003
02/09/2019 00:00:00	X	24°10'29" ♏	-01°42'11"	-11°53'39"	-00°00'24"	95.333
02/09/2019 00:00:00	Y	28°00'48" ♏	08°03'33"	-11°56'29"	-00°00'02"	84.529
03/09/2019 00:00:00	♁	10°13'21" ♏	07°44'03"	00°00'00"	00°58'06"	1.009
03/09/2019 00:00:00	♁	00°15'09" ♏	-06°55'05"	04°57'03"	14°27'48"	0.002
03/09/2019 00:00:00	♁	09°11'32" ♏	09°44'06"	01°44'26"	01°56'23"	1.363
03/09/2019 00:00:00	♁	15°38'20" ♏	06°57'51"	01°24'48"	01°14'25"	1.717
03/09/2019 00:00:00	♁	10°02'21" ♏	08°48'15"	01°04'51"	00°38'14"	2.674
03/09/2019 00:00:00	♁	15°16'09" ♏	-22°17'17"	00°20'10"	00°04'02"	5.085
03/09/2019 00:00:00	♁	14°05'59" ♏	-22°27'50"	00°13'38"	-00°01'28"	9.448
03/09/2019 00:00:00	♁	06°25'16" ♏	13°10'29"	-00°30'44"	-00°01'02"	19.254
03/09/2019 00:00:00	♁	17°30'39" ♏	-05°54'25"	-01°03'24"	-00°01'38"	28.934
03/09/2019 00:00:00	♁	20°50'59" ♏	-22°18'36"	-00°29'47"	-00°00'49"	33.206
03/09/2019 00:00:00	♁	16°05'46" ♏	22°27'57"	00°00'00"	-00°05'57"	0.002
03/09/2019 00:00:00	♁	04°42'03" ♏	04°49'32"	03°13'21"	-00°02'24"	17.884
03/09/2019 00:00:00	♁	13°37'30" ♏	-10°30'39"	-04°24'54"	00°06'42"	0.003

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03/09/2019 00:00:00	T♄	16°05'46"	♈	22°27'57"	00°00'00"	-00°05'57"	0.002
03/09/2019 00:00:00	T♄	03°00'30"	♈	-13°52'42"	-03°43'58"	-02°29'13"	0.003
03/09/2019 00:00:00	X	24°10'05"	♈	-01°42'23"	-11°53'42"	-00°00'25"	95.322
03/09/2019 00:00:00	Y	28°00'45"	♈	08°03'24"	-11°56'38"	-00°00'03"	84.512
04/09/2019 00:00:00	☉	11°11'28"	♏	07°22'02"	00°00'00"	00°58'07"	1.009
04/09/2019 00:00:00	☾	14°29'02"	♏	-11°53'09"	04°29'34"	13°59'38"	0.002
04/09/2019 00:00:00	☿	11°07'29"	♏	08°58'26"	01°42'34"	01°55'29"	1.369
04/09/2019 00:00:00	♀	16°52'46"	♏	06°28'41"	01°24'34"	01°14'25"	1.716
04/09/2019 00:00:00	♂	10°40'36"	♏	08°33'36"	01°04'40"	00°38'14"	2.674
04/09/2019 00:00:00	♃	15°20'16"	♏	-22°17'54"	00°20'00"	00°04'12"	5.100
04/09/2019 00:00:00	♅	14°04'33"	♏	-22°28'05"	00°13'32"	-00°01'22"	9.462
04/09/2019 00:00:00	♁	06°24'12"	♏	13°10'07"	-00°30'45"	-00°01'05"	19.240
04/09/2019 00:00:00	♂	17°29'01"	♈	-05°55'04"	-01°03'24"	-00°01'38"	28.932
04/09/2019 00:00:00	♁	20°50'11"	♏	-22°18'48"	-00°29'52"	-00°00'48"	33.220
04/09/2019 00:00:00	♁	16°00'48"	♈	22°28'33"	00°00'00"	-00°03'56"	0.002
04/09/2019 00:00:00	♃	04°39'38"	♈	04°48'34"	03°13'22"	-00°02'25"	17.877
04/09/2019 00:00:00	♁	13°44'12"	♈	-10°28'29"	-04°25'21"	00°06'42"	0.003
04/09/2019 00:00:00	T♄	16°00'48"	♈	22°28'33"	00°00'00"	-00°03'56"	0.002
04/09/2019 00:00:00	T♄	00°37'45"	♈	-14°36'22"	-03°35'32"	-02°11'25"	0.003

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04/09/2019 00:00:00	X	24°09'39" ♀	-01°42'35"	-11°53'45"	-00°00'25"	95.310
04/09/2019 00:00:00	Y	28°00'41" ♂	08°03'15"	-11°56'46"	-00°00'03"	84.495
05/09/2019 00:00:00	☉	12°09'36" ♉	06°59'55"	00°00'00"	00°58'08"	1.008
05/09/2019 00:00:00	☾	28°14'18" ♉	-16°04'18"	03°47'10"	13°31'04"	0.003
05/09/2019 00:00:00	♀	13°02'29" ♉	08°12'12"	01°40'09"	01°54'30"	1.374
05/09/2019 00:00:00	♀	18°07'12" ♉	05°59'21"	01°24'16"	01°14'26"	1.714
05/09/2019 00:00:00	♂	11°18'51" ♉	08°18'53"	01°04'29"	00°38'15"	2.674
05/09/2019 00:00:00	♃	15°24'34" ♉	-22°18'32"	00°19'50"	00°04'22"	5.116
05/09/2019 00:00:00	♄	14°03'13" ♉	-22°28'19"	00°13'26"	-00°01'17"	9.476
05/09/2019 00:00:00	♅	06°23'05" ♂	13°09'44"	-00°30'46"	-00°01'08"	19.226
05/09/2019 00:00:00	♆	17°27'22" ♀	-05°55'43"	-01°03'25"	-00°01'38"	28.931
05/09/2019 00:00:00	♇	20°49'23" ♉	-22°19'00"	-00°29'57"	-00°00'46"	33.234
05/09/2019 00:00:00	♈	15°57'54" ♉	22°28'53"	00°00'00"	-00°01'51"	0.002
05/09/2019 00:00:00	♉	04°37'11" ♀	04°47'36"	03°13'22"	-00°02'27"	17.871
05/09/2019 00:00:00	♊	13°50'54" ♀	-10°26'18"	-04°25'48"	00°06'42"	0.003
05/09/2019 00:00:00	T♈	15°57'54" ♉	22°28'53"	00°00'00"	-00°01'51"	0.002
05/09/2019 00:00:00	T♉	28°46'52" ♉	-15°09'18"	-03°28'42"	-01°26'28"	0.003
05/09/2019 00:00:00	X	24°09'14" ♀	-01°42'47"	-11°53'49"	-00°00'25"	95.299
05/09/2019 00:00:00	Y	28°00'37" ♂	08°03'06"	-11°56'54"	-00°00'04"	84.478



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06/09/2019 00:00:00	☉	13°07'46" ♍	06°37'41"	-00°00'00"	00°58'10"	1.008
06/09/2019 00:00:00	☾	11°31'55" ♊	-19°17'40"	02°53'41"	13°04'38"	0.003
06/09/2019 00:00:00	♀	14°56'28" ♍	07°25'32"	01°37'14"	01°53'28"	1.378
06/09/2019 00:00:00	♀	19°21'39" ♍	05°29'50"	01°23'55"	01°14'26"	1.713
06/09/2019 00:00:00	♂	11°57'06" ♍	08°04'08"	01°04'18"	00°38'15"	2.673
06/09/2019 00:00:00	♃	15°29'02" ♊	-22°19'11"	00°19'39"	00°04'32"	5.131
06/09/2019 00:00:00	♅	14°01'59" ♌	-22°28'33"	00°13'19"	-00°01'11"	9.490
06/09/2019 00:00:00	♁	06°21'56" ♉	13°09'21"	-00°30'46"	-00°01'10"	19.213
06/09/2019 00:00:00	♃	17°25'44" ♋	-05°56'22"	-01°03'26"	-00°01'38"	28.929
06/09/2019 00:00:00	♁	20°48'38" ♌	-22°19'12"	-00°30'02"	-00°00'45"	33.248
06/09/2019 00:00:00	♁	15°56'57" ♉	22°29'00"	00°00'00"	-00°00'09"	0.002
06/09/2019 00:00:00	♃	04°34'43" ♋	04°46'38"	03°13'22"	-00°02'28"	17.865
06/09/2019 00:00:00	♁	13°57'36" ♋	-10°24'07"	-04°26'15"	00°06'42"	0.003
06/09/2019 00:00:00	♁	15°56'57" ♉	22°29'00"	00°00'00"	-00°00'09"	0.002
06/09/2019 00:00:00	♁	27°50'17" ♋	-15°25'45"	-03°25'06"	-00°25'11"	0.003
06/09/2019 00:00:00	X	24°08'47" ♋	-01°42'59"	-11°53'52"	-00°00'26"	95.288
06/09/2019 00:00:00	Y	28°00'32" ♉	08°02'57"	-11°57'03"	-00°00'05"	84.461
07/09/2019 00:00:00	☉	14°05'57" ♍	06°15'20"	-00°00'00"	00°58'11"	1.008
07/09/2019 00:00:00	☾	24°24'50" ♊	-21°26'20"	01°52'51"	12°41'53"	0.003

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07/09/2019 00:00:00	♀	16°49'24" ♍	06°38'32"	01°33'50"	01°52'23"	1.381
07/09/2019 00:00:00	♀	20°36'06" ♍	05°00'11"	01°23'29"	01°14'27"	1.712
07/09/2019 00:00:00	♂	12°35'22" ♍	07°49'19"	01°04'07"	00°38'16"	2.672
07/09/2019 00:00:00	♃	15°33'40" ♌	-22°19'51"	00°19'29"	00°04'42"	5.146
07/09/2019 00:00:00	♃	14°00'50" ♌	-22°28'47"	00°13'13"	-00°01'05"	9.504
07/09/2019 00:00:00	♃	06°20'44" ♌	13°08'56"	-00°30'47"	-00°01'13"	19.199
07/09/2019 00:00:00	♃	17°24'05" ♌	-05°57'02"	-01°03'27"	-00°01'38"	28.929
07/09/2019 00:00:00	♃	20°47'53" ♌	-22°19'24"	-00°30'07"	-00°00'43"	33.262
07/09/2019 00:00:00	♃	15°57'19" ♌	22°28'57"	00°00'00"	00°00'45"	0.002
07/09/2019 00:00:00	♃	04°32'14" ♌	04°45'38"	03°13'22"	-00°02'29"	17.860
07/09/2019 00:00:00	♃	14°04'18" ♌	-10°21'56"	-04°26'42"	00°06'42"	0.003
07/09/2019 00:00:00	♃	15°57'19" ♌	22°28'57"	00°00'00"	00°00'45"	0.002
07/09/2019 00:00:00	♃	27°57'02" ♌	-15°23'45"	-03°25'29"	00°37'55"	0.003
07/09/2019 00:00:00	X	24°08'21" ♌	-01°43'11"	-11°53'55"	-00°00'26"	95.277
07/09/2019 00:00:00	Y	28°00'27" ♌	08°02'48"	-11°57'11"	-00°00'05"	84.444
08/09/2019 00:00:00	♃	15°04'10" ♌	05°52'53"	-00°00'00"	00°58'13"	1.008
08/09/2019 00:00:00	♃	06°57'11" ♌	-22°27'08"	00°48'08"	12°23'34"	0.003
08/09/2019 00:00:00	♀	18°41'14" ♍	05°51'17"	01°30'00"	01°51'16"	1.384
08/09/2019 00:00:00	♀	21°50'33" ♍	04°30'22"	01°23'00"	01°14'27"	1.710

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08/09/2019 00:00:00	♂	13°13'39" ♉	07°34'28"	01°03'56"	00°38'16"	2.672
08/09/2019 00:00:00	♃	15°38'27" ♈	-22°20'32"	00°19'19"	00°04'52"	5.162
08/09/2019 00:00:00	♅	13°59'47" ♋	-22°28'59"	00°13'07"	-00°01'00"	9.519
08/09/2019 00:00:00	♁	06°19'29" ♋	13°08'31"	-00°30'48"	-00°01'15"	19.186
08/09/2019 00:00:00	♆	17°22'26" ♋	-05°57'41"	-01°03'27"	-00°01'38"	28.928
08/09/2019 00:00:00	♁	20°47'10" ♋	-22°19'35"	-00°30'11"	-00°00'42"	33.277
08/09/2019 00:00:00	♁	15°58'08" ♋	22°28'52"	00°00'00"	00°00'41"	0.002
08/09/2019 00:00:00	♃	04°29'44" ♈	04°44'38"	03°13'21"	-00°02'30"	17.854
08/09/2019 00:00:00	♁	14°11'01" ♋	-10°19'45"	-04°27'09"	00°06'42"	0.003
08/09/2019 00:00:00	T♁	15°58'08" ♋	22°28'52"	00°00'00"	00°00'41"	0.002
08/09/2019 00:00:00	T♃	29°03'07" ♈	-15°04'24"	-03°29'35"	01°32'12"	0.003
08/09/2019 00:00:00	X	24°07'54" ♈	-01°43'23"	-11°53'58"	-00°00'27"	95.266
08/09/2019 00:00:00	Y	28°00'21" ♋	08°02'38"	-11°57'19"	-00°00'06"	84.428
09/09/2019 00:00:00	♁	16°02'24" ♉	05°30'21"	-00°00'00"	00°58'14"	1.007
09/09/2019 00:00:00	♃	19°13'31" ♋	-22°20'42"	-00°17'24"	12°09'48"	0.003
09/09/2019 00:00:00	♁	20°31'57" ♉	05°03'54"	01°25'45"	01°50'09"	1.386
09/09/2019 00:00:00	♀	23°05'01" ♉	04°00'26"	01°22'27"	01°14'27"	1.709
09/09/2019 00:00:00	♂	13°51'56" ♉	07°19'34"	01°03'44"	00°38'17"	2.671
09/09/2019 00:00:00	♃	15°43'25" ♈	-22°21'14"	00°19'09"	00°05'02"	5.177

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09/09/2019 00:00:00	♃	13°58'50"	♌	-22°29'11"	00°13'01"	-00°00'54"	9.533
09/09/2019 00:00:00	♃	06°18'12"	♌	13°08'05"	-00°30'49"	-00°01'18"	19.173
09/09/2019 00:00:00	♃	17°20'47"	♌	-05°58'20"	-01°03'28"	-00°01'39"	28.928
09/09/2019 00:00:00	♃	20°46'29"	♌	-22°19'46"	-00°30'16"	-00°00'40"	33.292
09/09/2019 00:00:00	♌	15°58'23"	♌	22°28'50"	00°00'00"	-00°00'22"	0.002
09/09/2019 00:00:00	♌	04°27'12"	♌	04°43'38"	03°13'21"	-00°02'32"	17.849
09/09/2019 00:00:00	♌	14°17'43"	♌	-10°17'33"	-04°27'35"	00°06'42"	0.003
09/09/2019 00:00:00	T♌	15°58'23"	♌	22°28'50"	00°00'00"	-00°00'22"	0.002
09/09/2019 00:00:00	T♌	00°56'44"	♌	-14°30'27"	-03°36'29"	02°12'30"	0.003
09/09/2019 00:00:00	X	24°07'27"	♌	-01°43'36"	-11°54'00"	-00°00'27"	95.256
09/09/2019 00:00:00	Y	28°00'14"	♌	08°02'29"	-11°57'27"	-00°00'07"	84.411
10/09/2019 00:00:00	♌	17°00'39"	♌	05°07'43"	-00°00'00"	00°58'16"	1.007
10/09/2019 00:00:00	♌	01°18'12"	♌	-21°11'00"	-01°21'00"	12°00'14"	0.003
10/09/2019 00:00:00	♌	22°21'32"	♌	04°16'26"	01°21'09"	01°49'00"	1.387
10/09/2019 00:00:00	♌	24°19'29"	♌	03°30'22"	01°21'49"	01°14'28"	1.707
10/09/2019 00:00:00	♌	14°30'13"	♌	07°04'37"	01°03'33"	00°38'17"	2.670
10/09/2019 00:00:00	♌	15°48'32"	♌	-22°21'56"	00°18'59"	00°05'12"	5.192
10/09/2019 00:00:00	♃	13°57'59"	♌	-22°29'23"	00°12'55"	-00°00'48"	9.548
10/09/2019 00:00:00	♃	06°16'52"	♌	13°07'38"	-00°30'50"	-00°01'20"	19.160

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10/09/2019 00:00:00	♁	17°19'08" ♈	-05°58'59"	-01°03'28"	-00°01'39"	28.928
10/09/2019 00:00:00	♁	20°45'49" ♈	-22°19'57"	-00°30'21"	-00°00'39"	33.307
10/09/2019 00:00:00	♁	15°57'06" ♈	22°28'59"	00°00'00"	-00°02'17"	0.002
10/09/2019 00:00:00	♁	04°24'39" ♈	04°42'36"	03°13'20"	-00°02'33"	17.845
10/09/2019 00:00:00	♁	14°24'25" ♈	-10°15'21"	-04°28'02"	00°06'42"	0.003
10/09/2019 00:00:00	♁	15°57'06" ♈	22°28'59"	00°00'00"	-00°02'17"	0.002
10/09/2019 00:00:00	♁	03°23'10" ♈	-13°45'28"	-03°45'04"	02°38'00"	0.003
10/09/2019 00:00:00	X	24°06'59" ♈	-01°43'48"	-11°54'03"	-00°00'27"	95.246
10/09/2019 00:00:00	Y	28°00'06" ♈	08°02'20"	-11°57'35"	-00°00'08"	84.395
11/09/2019 00:00:00	♁	17°58'57" ♈	04°44'59"	-00°00'00"	00°58'18"	1.007
11/09/2019 00:00:00	♁	13°15'12" ♈	-19°04'39"	-02°20'12"	11°54'19"	0.003
11/09/2019 00:00:00	♁	24°09'59" ♈	03°28'58"	01°16'12"	01°47'52"	1.387
11/09/2019 00:00:00	♁	25°33'58" ♈	03°00'12"	01°21'09"	01°14'28"	1.706
11/09/2019 00:00:00	♁	15°08'31" ♈	06°49'38"	01°03'21"	00°38'18"	2.669
11/09/2019 00:00:00	♁	15°53'49" ♈	-22°22'39"	00°18'49"	00°05'21"	5.207
11/09/2019 00:00:00	♁	13°57'13" ♈	-22°29'34"	00°12'48"	-00°00'42"	9.563
11/09/2019 00:00:00	♁	06°15'30" ♈	13°07'10"	-00°30'51"	-00°01'23"	19.148
11/09/2019 00:00:00	♁	17°17'29" ♈	-05°59'38"	-01°03'29"	-00°01'39"	28.928
11/09/2019 00:00:00	♁	20°45'11" ♈	-22°20'08"	-00°30'26"	-00°00'37"	33.322

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11/09/2019 00:00:00	♏	15°53'35" ♉	22°29'24"	00°00'00"	-00°04'46"	0.002
11/09/2019 00:00:00	♋	04°22'05" ♏	04°41'34"	03°13'19"	-00°02'34"	17.840
11/09/2019 00:00:00	♌	14°31'08" ♋	-10°13'09"	-04°28'28"	00°06'42"	0.003
11/09/2019 00:00:00	♏	15°53'35" ♉	22°29'24"	00°00'00"	-00°04'46"	0.002
11/09/2019 00:00:00	♌	06°08'30" ♋	-12°53'04"	-03°54'19"	02°50'52"	0.003
11/09/2019 00:00:00	X	24°06'31" ♏	-01°44'00"	-11°54'06"	-00°00'28"	95.236
11/09/2019 00:00:00	Y	27°59'58" ♏	08°02'10"	-11°57'43"	-00°00'08"	84.378
12/09/2019 00:00:00	♏	18°57'16" ♏	04°22'12"	-00°00'00"	00°58'19"	1.007
12/09/2019 00:00:00	♎	25°07'50" ♎	-16°10'03"	-03°12'46"	11°51'24"	0.003
12/09/2019 00:00:00	♏	25°57'17" ♏	02°41'34"	01°10'56"	01°46'44"	1.386
12/09/2019 00:00:00	♏	26°48'26" ♏	02°29'56"	01°20'24"	01°14'28"	1.704
12/09/2019 00:00:00	♏	15°46'50" ♏	06°34'36"	01°03'09"	00°38'18"	2.669
12/09/2019 00:00:00	♏	15°59'15" ♏	-22°23'23"	00°18'39"	00°05'31"	5.223
12/09/2019 00:00:00	♏	13°56'33" ♏	-22°29'44"	00°12'42"	-00°00'37"	9.578
12/09/2019 00:00:00	♏	06°14'06" ♏	13°06'42"	-00°30'51"	-00°01'25"	19.135
12/09/2019 00:00:00	♏	17°15'49" ♏	-06°00'17"	-01°03'29"	-00°01'39"	28.929
12/09/2019 00:00:00	♏	20°44'34" ♏	-22°20'18"	-00°30'31"	-00°00'36"	33.337
12/09/2019 00:00:00	♏	15°47'28" ♉	22°30'07"	00°00'00"	-00°07'26"	0.002
12/09/2019 00:00:00	♋	04°19'30" ♏	04°40'32"	03°13'18"	-00°02'35"	17.836

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12/09/2019 00:00:00	☾	14°37'50" ♈	-10°10'57"	-04°28'54"	00°06'42"	0.003
12/09/2019 00:00:00	♁	15°47'28" ♉	22°30'07"	00°00'00"	-00°07'26"	0.002
12/09/2019 00:00:00	♁	09°02'10" ♈	-11°56'21"	-04°03'30"	02°55'34"	0.003
12/09/2019 00:00:00	X	24°06'02" ♉	-01°44'13"	-11°54'08"	-00°00'28"	95.226
12/09/2019 00:00:00	Y	27°59'49" ♉	08°02'00"	-11°57'51"	-00°00'09"	84.362
13/09/2019 00:00:00	☉	19°55'36" ♎	03°59'19"	-00°00'00"	00°58'21"	1.006
13/09/2019 00:00:00	☾	06°58'47" ♈	-12°36'32"	-03°56'43"	11°50'49"	0.003
13/09/2019 00:00:00	♀	27°43'28" ♎	01°54'17"	01°05'23"	01°45'36"	1.385
13/09/2019 00:00:00	♀	28°02'55" ♎	01°59'35"	01°19'35"	01°14'29"	1.702
13/09/2019 00:00:00	♂	16°25'09" ♎	06°19'31"	01°02'57"	00°38'19"	2.668
13/09/2019 00:00:00	♃	16°04'51" ♈	-22°24'08"	00°18'29"	00°05'40"	5.238
13/09/2019 00:00:00	♃	13°55'59" ♉	-22°29'54"	00°12'36"	-00°00'31"	9.593
13/09/2019 00:00:00	♃	06°12'39" ♉	13°06'12"	-00°30'52"	-00°01'28"	19.123
13/09/2019 00:00:00	♃	17°14'10" ♈	-06°00'57"	-01°03'30"	-00°01'39"	28.929
13/09/2019 00:00:00	♃	20°43'59" ♉	-22°20'29"	-00°30'36"	-00°00'34"	33.352
13/09/2019 00:00:00	♁	15°38'46" ♉	22°31'08"	00°00'00"	-00°09'52"	0.003
13/09/2019 00:00:00	♃	04°16'55" ♉	04°39'29"	03°13'17"	-00°02'36"	17.832
13/09/2019 00:00:00	☾	14°44'32" ♈	-10°08'45"	-04°29'20"	00°06'42"	0.003
13/09/2019 00:00:00	♁	15°38'46" ♉	22°31'08"	00°00'00"	-00°09'52"	0.003

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13/09/2019 00:00:00	T♄	11°58'53" ♈	-10°57'03"	-04°12'17"	02°58'00"	0.003
13/09/2019 00:00:00	X	24°05'33" ♏	-01°44'25"	-11°54'10"	-00°00'29"	95.217
13/09/2019 00:00:00	Y	27°59'39" ♏	08°01'51"	-11°57'59"	-00°00'10"	84.346
14/09/2019 00:00:00	☉	20°53'58" ♍	03°36'23"	-00°00'00"	00°58'23"	1.006
14/09/2019 00:00:00	☾	18°50'07" ♈	-08°33'37"	-04°30'21"	11°52'05"	0.003
14/09/2019 00:00:00	♀	29°28'31" ♍	01°07'11"	00°59'35"	01°44'29"	1.383
14/09/2019 00:00:00	♀	29°17'25" ♍	01°29'10"	01°18'43"	01°14'29"	1.700
14/09/2019 00:00:00	♂	17°03'29" ♍	06°04'25"	01°02'44"	00°38'20"	2.666
14/09/2019 00:00:00	♃	16°10'36" ♌	-22°24'53"	00°18'19"	00°05'49"	5.253
14/09/2019 00:00:00	♅	13°55'30" ♎	-22°30'03"	00°12'30"	-00°00'25"	9.608
14/09/2019 00:00:00	♁	06°11'09" ♏	13°05'42"	-00°30'53"	-00°01'30"	19.111
14/09/2019 00:00:00	♃	17°12'31" ♈	-06°01'36"	-01°03'30"	-00°01'38"	28.931
14/09/2019 00:00:00	♁	20°43'25" ♎	-22°20'39"	-00°30'41"	-00°00'32"	33.367
14/09/2019 00:00:00	♁	15°27'55" ♎	22°32'23"	00°00'00"	-00°11'41"	0.003
14/09/2019 00:00:00	♃	04°14'18" ♏	04°38'25"	03°13'15"	-00°02'37"	17.828
14/09/2019 00:00:00	♄	14°51'14" ♈	-10°06'33"	-04°29'46"	00°06'42"	0.003
14/09/2019 00:00:00	T♁	15°27'55" ♎	22°32'23"	00°00'00"	-00°11'41"	0.003
14/09/2019 00:00:00	T♄	14°59'11" ♈	-09°55'05"	-04°20'40"	03°03'18"	0.003
14/09/2019 00:00:00	X	24°05'04" ♏	-01°44'38"	-11°54'13"	-00°00'29"	95.207



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14/09/2019 00:00:00	Y	27°59'28" ♄	08°01'41"	-11°58'07"	-00°00'10"	84.330
15/09/2019 00:00:00	☉	21°52'22" ♍	03°13'22"	-00°00'00"	00°58'25"	1.006
15/09/2019 00:00:00	☾	00°43'27" ♀	-04°10'49"	-04°52'15"	11°54'49"	0.003
15/09/2019 00:00:00	♀	01°12'28" ♁	00°20'18"	00°53'33"	01°43'23"	1.381
15/09/2019 00:00:00	♀	00°31'55" ♁	00°58'41"	01°17'47"	01°14'29"	1.699
15/09/2019 00:00:00	♂	17°41'49" ♍	05°49'16"	01°02'32"	00°38'20"	2.665
15/09/2019 00:00:00	♃	16°16'30" ♀	-22°25'39"	00°18'10"	00°05'58"	5.269
15/09/2019 00:00:00	♅	13°55'08" ♄	-22°30'11"	00°12'24"	-00°00'19"	9.623
15/09/2019 00:00:00	♁	06°09'38" ♄	13°05'11"	-00°30'54"	-00°01'32"	19.099
15/09/2019 00:00:00	♃	17°10'52" ♃	-06°02'14"	-01°03'31"	-00°01'38"	28.932
15/09/2019 00:00:00	♁	20°42'53" ♄	-22°20'48"	-00°30'45"	-00°00'31"	33.383
15/09/2019 00:00:00	♁	15°15'42" ♄	22°33'47"	00°00'00"	-00°12'35"	0.003
15/09/2019 00:00:00	♃	04°11'40" ♀	04°37'21"	03°13'14"	-00°02'38"	17.825
15/09/2019 00:00:00	♀	14°57'56" ♃	-10°04'20"	-04°30'12"	00°06'42"	0.003
15/09/2019 00:00:00	T♁	15°15'42" ♄	22°33'47"	00°00'00"	-00°12'35"	0.003
15/09/2019 00:00:00	T♃	18°07'00" ♃	-08°49'07"	-04°28'46"	03°12'51"	0.003
15/09/2019 00:00:00	X	24°04'34" ♀	-01°44'50"	-11°54'15"	-00°00'30"	95.198
15/09/2019 00:00:00	Y	27°59'17" ♄	08°01'31"	-11°58'15"	-00°00'11"	84.314
16/09/2019 00:00:00	☉	22°50'48" ♍	02°50'18"	-00°00'00"	00°58'26"	1.006

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16/09/2019 00:00:00	♃	12°40'14" ♃	00°22'31"	-05°01'27"	11°58'57"	0.003
16/09/2019 00:00:00	♆	02°55'19" ♃	-00°26'17"	00°47'17"	01°42'18"	1.378
16/09/2019 00:00:00	♀	01°46'25" ♃	00°28'09"	01°16'48"	01°14'30"	1.697
16/09/2019 00:00:00	♂	18°20'11" ♃	05°34'05"	01°02'19"	00°38'21"	2.664
16/09/2019 00:00:00	♂	16°22'34" ♃	-22°26'26"	00°18'00"	00°06'08"	5.284
16/09/2019 00:00:00	♃	13°54'51" ♃	-22°30'19"	00°12'18"	-00°00'13"	9.639
16/09/2019 00:00:00	♃	06°08'04" ♃	13°04'40"	-00°30'54"	-00°01'35"	19.088
16/09/2019 00:00:00	♃	17°09'14" ♃	-06°02'53"	-01°03'31"	-00°01'38"	28.934
16/09/2019 00:00:00	♃	20°42'22" ♃	-22°20'58"	-00°30'50"	-00°00'29"	33.399
16/09/2019 00:00:00	♃	15°03'05" ♃	22°35'12"	00°00'00"	-00°12'25"	0.003
16/09/2019 00:00:00	♃	04°09'02" ♃	04°36'16"	03°13'12"	-00°02'38"	17.822
16/09/2019 00:00:00	♃	15°04'38" ♃	-10°02'07"	-04°30'38"	00°06'42"	0.003
16/09/2019 00:00:00	♃	15°03'05" ♃	22°35'12"	00°00'00"	-00°12'25"	0.003
16/09/2019 00:00:00	♃	21°25'05" ♃	-07°38'09"	-04°36'31"	03°22'54"	0.003
16/09/2019 00:00:00	X	24°04'04" ♃	-01°45'03"	-11°54'17"	-00°00'30"	95.190
16/09/2019 00:00:00	Y	27°59'05" ♃	08°01'21"	-11°58'23"	-00°00'12"	84.298
17/09/2019 00:00:00	♃	23°49'16" ♃	02°27'11"	-00°00'00"	00°58'28"	1.005
17/09/2019 00:00:00	♃	24°41'53" ♃	04°57'03"	-04°57'21"	12°04'37"	0.003
17/09/2019 00:00:00	♆	04°37'05" ♃	-01°12'36"	00°40'51"	01°41'14"	1.375

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17/09/2019 00:00:00	♀	03°00'55" ♈	-00°02'24"	01°15'45"	01°14'30"	1.695
17/09/2019 00:00:00	♂	18°58'33" ♍	05°18'51"	01°02'07"	00°38'22"	2.663
17/09/2019 00:00:00	♃	16°28'46" ♌	-22°27'13"	00°17'51"	00°06'17"	5.299
17/09/2019 00:00:00	♅	13°54'40" ♋	-22°30'26"	00°12'12"	-00°00'08"	9.654
17/09/2019 00:00:00	♁	06°06'27" ♉	13°04'07"	-00°30'55"	-00°01'37"	19.076
17/09/2019 00:00:00	♆	17°07'35" ♈	-06°03'32"	-01°03'31"	-00°01'38"	28.936
17/09/2019 00:00:00	♁	20°41'53" ♉	-22°21'07"	-00°30'55"	-00°00'28"	33.415
17/09/2019 00:00:00	♄	14°51'11" ♈	22°36'32"	00°00'00"	-00°11'12"	0.003
17/09/2019 00:00:00	♅	04°06'22" ♋	04°35'11"	03°13'10"	-00°02'39"	17.819
17/09/2019 00:00:00	♁	15°11'21" ♈	-09°59'54"	-04°31'03"	00°06'42"	0.003
17/09/2019 00:00:00	T♄	14°51'11" ♈	22°36'32"	00°00'00"	-00°11'12"	0.003
17/09/2019 00:00:00	T♁	24°50'43" ♈	-06°23'10"	-04°43'38"	03°26'44"	0.003
17/09/2019 00:00:00	X	24°03'33" ♋	-01°45'16"	-11°54'19"	-00°00'30"	95.181
17/09/2019 00:00:00	Y	27°58'52" ♋	08°01'10"	-11°58'31"	-00°00'12"	84.282
18/09/2019 00:00:00	♁	24°47'46" ♍	02°04'01"	-00°00'00"	00°58'31"	1.005
18/09/2019 00:00:00	♃	06°50'07" ♋	09°23'02"	-04°39'50"	12°12'11"	0.003
18/09/2019 00:00:00	♁	06°17'48" ♈	-01°58'33"	00°34'14"	01°40'11"	1.371
18/09/2019 00:00:00	♀	04°15'26" ♈	-00°33'00"	01°14'38"	01°14'31"	1.693
18/09/2019 00:00:00	♂	19°36'55" ♍	05°03'36"	01°01'54"	00°38'23"	2.662

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18/09/2019 00:00:00	♃	16°35'08" ♄	-22°28'01"	00°17'41"	00°06'26"	5.314
18/09/2019 00:00:00	♅	13°54'35" ♁	-22°30'33"	00°12'06"	-00°00'02"	9.670
18/09/2019 00:00:00	♆	06°04'49" ♁	13°03'34"	-00°30'56"	-00°01'39"	19.065
18/09/2019 00:00:00	♅	17°05'57" ♃	-06°04'11"	-01°03'32"	-00°01'38"	28.938
18/09/2019 00:00:00	♁	20°41'26" ♁	-22°21'16"	-00°31'00"	-00°00'26"	33.431
18/09/2019 00:00:00	♁	14°40'59" ♁	22°37'39"	00°00'00"	-00°09'06"	0.003
18/09/2019 00:00:00	♅	04°03'42" ♁	04°34'05"	03°13'08"	-00°02'40"	17.817
18/09/2019 00:00:00	♁	15°18'03" ♃	-09°57'41"	-04°31'28"	00°06'42"	0.003
18/09/2019 00:00:00	♁	14°40'59" ♁	22°37'39"	00°00'00"	-00°09'06"	0.003
18/09/2019 00:00:00	♁	28°14'21" ♃	-05°07'47"	-04°49'44"	03°17'59"	0.003
18/09/2019 00:00:00	X	24°03'02" ♁	-01°45'28"	-11°54'20"	-00°00'30"	95.173
18/09/2019 00:00:00	Y	27°58'39" ♁	08°01'00"	-11°58'38"	-00°00'13"	84.266
19/09/2019 00:00:00	♁	25°46'19" ♃	01°40'48"	-00°00'00"	00°58'33"	1.005
19/09/2019 00:00:00	♁	19°07'05" ♁	13°30'03"	-04°09'13"	12°22'11"	0.003
19/09/2019 00:00:00	♁	07°57'28" ♁	-02°44'08"	00°27'28"	01°39'09"	1.366
19/09/2019 00:00:00	♁	05°29'57" ♁	-01°03'36"	01°13'27"	01°14'31"	1.691
19/09/2019 00:00:00	♁	20°15'19" ♃	04°48'19"	01°01'41"	00°38'24"	2.660
19/09/2019 00:00:00	♃	16°41'39" ♄	-22°28'49"	00°17'32"	00°06'35"	5.329
19/09/2019 00:00:00	♅	13°54'36" ♁	-22°30'39"	00°12'00"	00°00'03"	9.686

Ephemerides year 2019

19/09/2019 00:00:00	♃	06°03'08" ♎	13°03'00"	-00°30'56"	-00°01'41"	19.054
19/09/2019 00:00:00	♃	17°04'19" ♎	-06°04'49"	-01°03'32"	-00°01'37"	28.941
19/09/2019 00:00:00	♃	20°41'00" ♎	-22°21'24"	-00°31'04"	-00°00'24"	33.447
19/09/2019 00:00:00	♃	14°33'10" ♎	22°38'30"	00°00'00"	-00°06'28"	0.003
19/09/2019 00:00:00	♃	04°01'02" ♎	04°33'00"	03°13'05"	-00°02'40"	17.815
19/09/2019 00:00:00	♃	15°24'45" ♎	-09°55'28"	-04°31'54"	00°06'42"	0.003
19/09/2019 00:00:00	♃	14°33'10" ♎	22°38'30"	00°00'00"	-00°06'28"	0.003
19/09/2019 00:00:00	♃	01°21'09" ♎	-03°57'51"	-04°54'26"	02°52'38"	0.003
19/09/2019 00:00:00	X	24°02'31" ♎	-01°45'41"	-11°54'22"	-00°00'31"	95.165
19/09/2019 00:00:00	Y	27°58'25" ♎	08°00'50"	-11°58'46"	-00°00'14"	84.251
20/09/2019 00:00:00	♃	26°44'53" ♎	01°17'33"	-00°00'00"	00°58'35"	1.005
20/09/2019 00:00:00	♃	01°35'30" ♎	17°06'29"	-03°26'18"	12°35'12"	0.003
20/09/2019 00:00:00	♃	09°36'06" ♎	-03°29'18"	00°20'34"	01°38'08"	1.361
20/09/2019 00:00:00	♃	06°44'29" ♎	-01°34'12"	01°12'14"	01°14'32"	1.689
20/09/2019 00:00:00	♃	20°53'43" ♎	04°33'00"	01°01'28"	00°38'24"	2.659
20/09/2019 00:00:00	♃	16°48'18" ♎	-22°29'38"	00°17'22"	00°06'43"	5.344
20/09/2019 00:00:00	♃	13°54'42" ♎	-22°30'44"	00°11'54"	00°00'09"	9.702
20/09/2019 00:00:00	♃	06°01'25" ♎	13°02'26"	-00°30'57"	-00°01'43"	19.043
20/09/2019 00:00:00	♃	17°02'41" ♎	-06°05'27"	-01°03'32"	-00°01'37"	28.944

Ephemerides year 2019

20/09/2019 00:00:00	♁	20°40'36" ♁	-22°21'32"	-00°31'09"	-00°00'23"	33.463
20/09/2019 00:00:00	♁	14°28'03" ♁	22°39'03"	00°00'00"	-00°03'46"	0.003
20/09/2019 00:00:00	♁	03°58'21" ♁	04°31'53"	03°13'03"	-00°02'41"	17.813
20/09/2019 00:00:00	♁	15°31'28" ♁	-09°53'14"	-04°32'19"	00°06'42"	0.003
20/09/2019 00:00:00	♁	14°28'03" ♁	22°39'03"	00°00'00"	-00°03'46"	0.003
20/09/2019 00:00:00	♁	03°53'36" ♁	-03°00'21"	-04°57'39"	02°09'19"	0.003
20/09/2019 00:00:00	X	24°02'00" ♁	-01°45'54"	-11°54'24"	-00°00'31"	95.157
20/09/2019 00:00:00	Y	27°58'11" ♁	08°00'39"	-11°58'53"	-00°00'14"	84.235
21/09/2019 00:00:00	♁	27°43'29" ♁	00°54'16"	-00°00'00"	00°58'37"	1.004
21/09/2019 00:00:00	♁	14°18'39" ♁	19°59'30"	-02°32'21"	12°51'40"	0.003
21/09/2019 00:00:00	♁	11°13'44" ♁	-04°14'02"	00°13'33"	01°37'08"	1.356
21/09/2019 00:00:00	♁	07°59'01" ♁	-02°04'48"	01°10'56"	01°14'32"	1.687
21/09/2019 00:00:00	♁	21°32'09" ♁	04°17'39"	01°01'14"	00°38'25"	2.657
21/09/2019 00:00:00	♁	16°55'07" ♁	-22°30'27"	00°17'13"	00°06'52"	5.359
21/09/2019 00:00:00	♁	13°54'55" ♁	-22°30'49"	00°11'48"	00°00'15"	9.717
21/09/2019 00:00:00	♁	05°59'40" ♁	13°01'50"	-00°30'57"	-00°01'46"	19.033
21/09/2019 00:00:00	♁	17°01'04" ♁	-06°06'05"	-01°03'32"	-00°01'36"	28.947
21/09/2019 00:00:00	♁	20°40'14" ♁	-22°21'40"	-00°31'14"	-00°00'21"	33.480
21/09/2019 00:00:00	♁	14°25'28" ♁	22°39'20"	00°00'00"	-00°01'29"	0.003

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21/09/2019 00:00:00	♄	03°55'40" ♏	04°30'46"	03°13'00"	-00°02'41"	17.812
21/09/2019 00:00:00	♁	15°38'10" ♏	-09°51'00"	-04°32'44"	00°06'42"	0.003
21/09/2019 00:00:00	♁	14°25'28" ♏	22°39'20"	00°00'00"	-00°01'29"	0.003
21/09/2019 00:00:00	♁	05°34'18" ♏	-02°22'13"	-04°59'29"	01°09'41"	0.003
21/09/2019 00:00:00	X	24°01'28" ♏	-01°46'06"	-11°54'25"	-00°00'31"	95.150
21/09/2019 00:00:00	Y	27°57'56" ♏	08°00'29"	-11°59'01"	-00°00'15"	84.220
22/09/2019 00:00:00	♁	28°42'08" ♏	00°30'57"	-00°00'00"	00°58'39"	1.004
22/09/2019 00:00:00	♁	27°20'05" ♏	21°55'19"	-01°29'15"	13°11'48"	0.003
22/09/2019 00:00:00	♁	12°50'22" ♏	-04°58'18"	00°06'26"	01°36'08"	1.350
22/09/2019 00:00:00	♁	09°13'34" ♏	-02°35'22"	01°09'36"	01°14'32"	1.685
22/09/2019 00:00:00	♁	22°10'35" ♏	04°02'16"	01°01'01"	00°38'26"	2.656
22/09/2019 00:00:00	♁	17°02'04" ♏	-22°31'17"	00°17'04"	00°07'01"	5.374
22/09/2019 00:00:00	♁	13°55'14" ♏	-22°30'53"	00°11'42"	00°00'21"	9.733
22/09/2019 00:00:00	♁	05°57'53" ♏	13°01'14"	-00°30'58"	-00°01'48"	19.023
22/09/2019 00:00:00	♁	16°59'27" ♏	-06°06'43"	-01°03'32"	-00°01'36"	28.951
22/09/2019 00:00:00	♁	20°39'54" ♏	-22°21'48"	-00°31'19"	-00°00'19"	33.496
22/09/2019 00:00:00	♁	14°24'46" ♏	22°39'24"	00°00'00"	-00°00'05"	0.003
22/09/2019 00:00:00	♄	03°52'58" ♏	04°29'39"	03°12'57"	-00°02'41"	17.810
22/09/2019 00:00:00	♁	15°44'52" ♏	-09°48'46"	-04°33'09"	00°06'42"	0.003

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22/09/2019 00:00:00	T♄	14°24'46" ♉	22°39'24"	00°00'00"	-00°00'05"	0.003
22/09/2019 00:00:00	T♄	06°09'26" ♉	-02°08'54"	-05°00'04"	-00°00'20"	0.003
22/09/2019 00:00:00	X	24°00'56" ♉	-01°46'19"	-11°54'26"	-00°00'32"	95.142
22/09/2019 00:00:00	Y	27°57'40" ♉	08°00'18"	-11°59'08"	-00°00'15"	84.205
23/09/2019 00:00:00	☉	29°40'49" ♋	00°07'37"	-00°00'00"	00°58'42"	1.004
23/09/2019 00:00:00	☾	10°43'22" ♉	22°40'41"	-00°19'34"	13°35'15"	0.003
23/09/2019 00:00:00	♁	14°26'02" ♉	-05°42'04"	-00°00'45"	01°35'10"	1.344
23/09/2019 00:00:00	♂	10°28'07" ♉	-03°05'54"	01°08'11"	01°14'33"	1.683
23/09/2019 00:00:00	♂	22°49'02" ♋	03°46'52"	01°00'47"	00°38'27"	2.654
23/09/2019 00:00:00	♃	17°09'09" ♉	-22°32'07"	00°16'54"	00°07'09"	5.389
23/09/2019 00:00:00	♂	13°55'38" ♉	-22°30'56"	00°11'36"	00°00'27"	9.749
23/09/2019 00:00:00	♁	05°56'04" ♉	13°00'38"	-00°30'59"	-00°01'50"	19.012
23/09/2019 00:00:00	♁	16°57'51" ♉	-06°07'20"	-01°03'32"	-00°01'36"	28.955
23/09/2019 00:00:00	♁	20°39'35" ♉	-22°21'56"	-00°31'23"	-00°00'17"	33.513
23/09/2019 00:00:00	♁	14°24'54" ♉	22°39'23"	00°00'00"	00°00'09"	0.003
23/09/2019 00:00:00	♁	03°50'16" ♉	04°28'32"	03°12'54"	-00°02'42"	17.810
23/09/2019 00:00:00	♁	15°51'35" ♉	-09°46'32"	-04°33'33"	00°06'42"	0.003
23/09/2019 00:00:00	T♄	14°24'54" ♉	22°39'23"	00°00'00"	00°00'09"	0.003
23/09/2019 00:00:00	T♄	05°33'59" ♉	-02°22'23"	-04°59'31"	-01°09'04"	0.003



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23/09/2019 00:00:00	X	24°00'24" ♀	-01°46'31"	-11°54'28"	-00°00'32"	95.135
23/09/2019 00:00:00	Y	27°57'24" ♂	08°00'08"	-11°59'16"	-00°00'16"	84.190
24/09/2019 00:00:00	☉	00°39'33" ♁	-00°15'44"	-00°00'00"	00°58'44"	1.003
24/09/2019 00:00:00	☾	24°31'21" ♁	22°05'17"	00°53'17"	14°00'57"	0.002
24/09/2019 00:00:00	♀	16°00'44" ♁	-06°25'19"	-00°08'01"	01°34'13"	1.337
24/09/2019 00:00:00	♀	11°42'41" ♁	-03°36'23"	01°06'44"	01°14'33"	1.680
24/09/2019 00:00:00	♂	23°27'30" ♃	03°31'26"	01°00'34"	00°38'28"	2.652
24/09/2019 00:00:00	♃	17°16'24" ♂	-22°32'57"	00°16'45"	00°07'18"	5.404
24/09/2019 00:00:00	♄	13°56'09" ♃	-22°30'59"	00°11'30"	00°00'33"	9.766
24/09/2019 00:00:00	♅	05°54'13" ♂	13°00'01"	-00°30'59"	-00°01'52"	19.003
24/09/2019 00:00:00	♆	16°56'15" ♃	-06°07'58"	-01°03'32"	-00°01'35"	28.959
24/09/2019 00:00:00	♇	20°39'18" ♃	-22°22'03"	-00°31'28"	-00°00'16"	33.529
24/09/2019 00:00:00	♈	14°24'39" ♁	22°39'25"	00°00'00"	-00°00'50"	0.003
24/09/2019 00:00:00	♉	03°47'34" ♀	04°27'24"	03°12'50"	-00°02'42"	17.809
24/09/2019 00:00:00	♊	15°58'17" ♃	-09°44'17"	-04°33'58"	00°06'42"	0.003
24/09/2019 00:00:00	T♈	14°24'39" ♁	22°39'25"	00°00'00"	-00°00'50"	0.003
24/09/2019 00:00:00	T♉	03°57'03" ♀	-02°59'06"	-04°57'47"	-02°00'41"	0.003
24/09/2019 00:00:00	X	23°59'51" ♀	-01°46'44"	-11°54'29"	-00°00'32"	95.129
24/09/2019 00:00:00	Y	27°57'07" ♂	07°59'57"	-11°59'23"	-00°00'17"	84.175

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25/09/2019 00:00:00	☉	01°38'18" ♌	-00°39'05"	-00°00'00"	00°58'46"	1.003
25/09/2019 00:00:00	☾	08°45'23" ♏	20°04'43"	02°05'02"	14°26'55"	0.002
25/09/2019 00:00:00	♁	17°34'28" ♌	-07°08'02"	-00°15'20"	01°33'16"	1.330
25/09/2019 00:00:00	♂	12°57'15" ♌	-04°06'49"	01°05'13"	01°14'34"	1.678
25/09/2019 00:00:00	♂	24°05'59" ♎	03°15'59"	01°00'20"	00°38'29"	2.651
25/09/2019 00:00:00	♃	17°23'46" ♈	-22°33'48"	00°16'36"	00°07'26"	5.419
25/09/2019 00:00:00	♄	13°56'45" ♉	-22°31'01"	00°11'24"	00°00'39"	9.782
25/09/2019 00:00:00	♅	05°52'19" ♉	12°59'23"	-00°31'00"	-00°01'54"	18.993
25/09/2019 00:00:00	♆	16°54'40" ♈	-06°08'35"	-01°03'32"	-00°01'35"	28.963
25/09/2019 00:00:00	♇	20°39'02" ♉	-22°22'10"	-00°31'33"	-00°00'14"	33.546
25/09/2019 00:00:00	♈	14°22'51" ♉	22°39'37"	00°00'00"	-00°02'54"	0.003
25/09/2019 00:00:00	♉	03°44'51" ♈	04°26'17"	03°12'47"	-00°02'42"	17.809
25/09/2019 00:00:00	♊	16°05'00" ♈	-09°42'03"	-04°34'22"	00°06'42"	0.003
25/09/2019 00:00:00	T♈	14°22'51" ♉	22°39'37"	00°00'00"	-00°02'54"	0.003
25/09/2019 00:00:00	T♉	01°42'29" ♈	-03°49'52"	-04°54'58"	-02°23'12"	0.003
25/09/2019 00:00:00	X	23°59'19" ♈	-01°46'57"	-11°54'30"	-00°00'32"	95.122
25/09/2019 00:00:00	Y	27°56'49" ♉	07°59'47"	-11°59'30"	-00°00'17"	84.161
26/09/2019 00:00:00	☉	02°37'06" ♌	-01°02'28"	00°00'00"	00°58'48"	1.003
26/09/2019 00:00:00	☾	23°24'21" ♏	16°42'45"	03°10'33"	14°50'17"	0.002

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26/09/2019 00:00:00	♀	19°07'16" ♁	-07°50'10"	-00°22'42"	01°32'19"	1.322
26/09/2019 00:00:00	♀	14°11'49" ♁	-04°37'10"	01°03'39"	01°14'34"	1.676
26/09/2019 00:00:00	♂	24°44'29" ♃	03°00'30"	01°00'05"	00°38'30"	2.649
26/09/2019 00:00:00	♃	17°31'17" ♂	-22°34'39"	00°16'27"	00°07'35"	5.434
26/09/2019 00:00:00	♃	13°57'27" ♃	-22°31'03"	00°11'18"	00°00'45"	9.798
26/09/2019 00:00:00	♃	05°50'24" ♂	12°58'44"	-00°31'00"	-00°01'56"	18.984
26/09/2019 00:00:00	♃	16°53'05" ♃	-06°09'12"	-01°03'32"	-00°01'34"	28.968
26/09/2019 00:00:00	♃	20°38'48" ♃	-22°22'17"	-00°31'37"	-00°00'12"	33.563
26/09/2019 00:00:00	♃	14°18'37" ♃	22°40'04"	00°00'00"	-00°05'36"	0.003
26/09/2019 00:00:00	♃	03°42'08" ♃	04°25'08"	03°12'43"	-00°02'42"	17.809
26/09/2019 00:00:00	♃	16°11'42" ♃	-09°39'48"	-04°34'47"	00°06'42"	0.003
26/09/2019 00:00:00	T♃	14°18'37" ♃	22°40'04"	00°00'00"	-00°05'36"	0.003
26/09/2019 00:00:00	T♃	29°20'04" ♃	-04°43'17"	-04°51'30"	-02°17'55"	0.003
26/09/2019 00:00:00	X	23°58'45" ♃	-01°47'09"	-11°54'31"	-00°00'33"	95.116
26/09/2019 00:00:00	Y	27°56'31" ♂	07°59'36"	-11°59'37"	-00°00'18"	84.146
27/09/2019 00:00:00	♁	03°35'56" ♁	-01°25'50"	00°00'00"	00°58'50"	1.003
27/09/2019 00:00:00	♃	08°23'57" ♃	12°11'42"	04°04'28"	15°07'37"	0.002
27/09/2019 00:00:00	♀	20°39'08" ♁	-08°31'43"	-00°30'05"	01°31'23"	1.314
27/09/2019 00:00:00	♀	15°26'23" ♁	-05°07'26"	01°02'02"	01°14'34"	1.673

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27/09/2019 00:00:00	♂	25°23'00" ♉	02°45'01"	00°59'51"	00°38'31"	2.647
27/09/2019 00:00:00	♃	17°38'56" ♈	-22°35'31"	00°16'18"	00°07'43"	5.449
27/09/2019 00:00:00	♅	13°58'15" ♌	-22°31'04"	00°11'12"	00°00'51"	9.814
27/09/2019 00:00:00	♁	05°48'27" ♋	12°58'05"	-00°31'01"	-00°01'58"	18.975
27/09/2019 00:00:00	♆	16°51'31" ♎	-06°09'49"	-01°03'32"	-00°01'34"	28.973
27/09/2019 00:00:00	♁	20°38'36" ♌	-22°22'23"	-00°31'42"	-00°00'11"	33.580
27/09/2019 00:00:00	♁	14°11'38" ♋	22°40'48"	00°00'00"	-00°08'18"	0.003
27/09/2019 00:00:00	♃	03°39'25" ♈	04°24'00"	03°12'39"	-00°02'42"	17.809
27/09/2019 00:00:00	♁	16°18'25" ♋	-09°37'33"	-04°35'11"	00°06'42"	0.003
27/09/2019 00:00:00	T♁	14°11'38" ♋	22°40'48"	00°00'00"	-00°08'18"	0.003
27/09/2019 00:00:00	T♃	27°10'57" ♎	-05°31'26"	-04°48'01"	-01°59'46"	0.003
27/09/2019 00:00:00	X	23°58'12" ♈	-01°47'22"	-11°54'31"	-00°00'33"	95.110
27/09/2019 00:00:00	Y	27°56'12" ♋	07°59'25"	-11°59'44"	-00°00'19"	84.132
28/09/2019 00:00:00	♁	04°34'48" ♋	-01°49'11"	00°00'00"	00°58'53"	1.002
28/09/2019 00:00:00	♃	23°36'31" ♉	06°51'00"	04°41'52"	15°15'45"	0.002
28/09/2019 00:00:00	♁	22°10'03" ♋	-09°12'39"	-00°37'30"	01°30'27"	1.305
28/09/2019 00:00:00	♀	16°40'58" ♋	-05°37'36"	01°00'22"	01°14'34"	1.671
28/09/2019 00:00:00	♂	26°01'31" ♉	02°29'30"	00°59'37"	00°38'31"	2.645
28/09/2019 00:00:00	♃	17°46'44" ♈	-22°36'23"	00°16'09"	00°07'51"	5.463

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28/09/2019 00:00:00	♃	13°59'09" ♁	-22°31'04"	00°11'06"	00°00'56"	9.831
28/09/2019 00:00:00	♃	05°46'28" ♁	12°57'25"	-00°31'01"	-00°01'59"	18.966
28/09/2019 00:00:00	♃	16°49'57" ♁	-06°10'25"	-01°03'32"	-00°01'33"	28.978
28/09/2019 00:00:00	♃	20°38'26" ♁	-22°22'30"	-00°31'47"	-00°00'09"	33.597
28/09/2019 00:00:00	♃	14°02'12" ♁	22°41'48"	00°00'00"	-00°10'22"	0.003
28/09/2019 00:00:00	♃	03°36'42" ♁	04°22'51"	03°12'35"	-00°02'43"	17.810
28/09/2019 00:00:00	♃	16°25'07" ♁	-09°35'18"	-04°35'35"	00°06'42"	0.003
28/09/2019 00:00:00	♃	14°02'12" ♁	22°41'48"	00°00'00"	-00°10'22"	0.003
28/09/2019 00:00:00	♃	25°18'37" ♁	-06°13'11"	-04°44'51"	-01°47'01"	0.003
28/09/2019 00:00:00	X	23°57'38" ♁	-01°47'34"	-11°54'32"	-00°00'33"	95.104
28/09/2019 00:00:00	Y	27°55'53" ♁	07°59'14"	-11°59'51"	-00°00'19"	84.118
29/09/2019 00:00:00	♃	05°33'42" ♁	-02°12'32"	00°00'00"	00°58'55"	1.002
29/09/2019 00:00:00	♃	08°51'46" ♁	01°04'27"	04°59'21"	15°12'49"	0.002
29/09/2019 00:00:00	♃	23°40'03" ♁	-09°52'57"	-00°44'54"	01°29'31"	1.296
29/09/2019 00:00:00	♃	17°55'33" ♁	-06°07'40"	00°58'39"	01°14'35"	1.669
29/09/2019 00:00:00	♃	26°40'04" ♁	02°13'58"	00°59'22"	00°38'32"	2.643
29/09/2019 00:00:00	♃	17°54'39" ♁	-22°37'15"	00°16'00"	00°07'59"	5.478
29/09/2019 00:00:00	♃	14°00'09" ♁	-22°31'04"	00°11'00"	00°01'02"	9.847
29/09/2019 00:00:00	♃	05°44'27" ♁	12°56'45"	-00°31'01"	-00°02'01"	18.957

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29/09/2019 00:00:00	♁	16°48'24" ♈	-06°11'01"	-01°03'32"	-00°01'32"	28.984
29/09/2019 00:00:00	♁	20°38'17" ♈	-22°22'35"	-00°31'51"	-00°00'07"	33.614
29/09/2019 00:00:00	♁	13°51'16" ♈	22°42'56"	00°00'00"	-00°11'17"	0.003
29/09/2019 00:00:00	♁	03°33'59" ♈	04°21'42"	03°12'30"	-00°02'42"	17.810
29/09/2019 00:00:00	♁	16°31'49" ♈	-09°33'03"	-04°35'59"	00°06'42"	0.003
29/09/2019 00:00:00	♁	13°51'16" ♈	22°42'56"	00°00'00"	-00°11'17"	0.003
29/09/2019 00:00:00	♁	23°31'11" ♈	-06°53'05"	-04°41'50"	-01°50'59"	0.003
29/09/2019 00:00:00	♁	23°57'04" ♈	-01°47'47"	-11°54'32"	-00°00'34"	95.099
29/09/2019 00:00:00	♁	27°55'32" ♈	07°59'03"	-11°59'58"	-00°00'20"	84.104
30/09/2019 00:00:00	♁	06°32'38" ♈	-02°35'52"	00°00'00"	00°58'57"	1.002
30/09/2019 00:00:00	♁	23°58'29" ♈	-04°42'51"	04°55'42"	14°58'54"	0.002
30/09/2019 00:00:00	♁	25°09'06" ♈	-10°32'35"	-00°52'17"	01°28'35"	1.287
30/09/2019 00:00:00	♁	19°10'08" ♈	-06°37'36"	00°56'52"	01°14'35"	1.666
30/09/2019 00:00:00	♁	27°18'37" ♈	01°58'25"	00°59'07"	00°38'33"	2.641
30/09/2019 00:00:00	♁	18°02'43" ♈	-22°38'07"	00°15'51"	00°08'07"	5.492
30/09/2019 00:00:00	♁	14°01'15" ♈	-22°31'03"	00°10'54"	00°01'08"	9.864
30/09/2019 00:00:00	♁	05°42'25" ♈	12°56'04"	-00°31'02"	-00°02'03"	18.949
30/09/2019 00:00:00	♁	16°46'51" ♈	-06°11'37"	-01°03'32"	-00°01'32"	28.990
30/09/2019 00:00:00	♁	20°38'10" ♈	-22°22'41"	-00°31'56"	-00°00'05"	33.632

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30/09/2019 00:00:00	♏	13°40'04" ♃	22°44'05"	00°00'00"	-00°10'51"	0.002
30/09/2019 00:00:00	♋	03°31'16" ♄	04°20'34"	03°12'26"	-00°02'42"	17.812
30/09/2019 00:00:00	♌	16°38'32" ♃	-09°30'47"	-04°36'23"	00°06'42"	0.003
30/09/2019 00:00:00	T♏	13°40'04" ♃	22°44'05"	00°00'00"	-00°10'51"	0.002
30/09/2019 00:00:00	T♌	21°30'59" ♃	-07°37'36"	-04°38'27"	-02°11'32"	0.003
30/09/2019 00:00:00	X	23°56'30" ♄	-01°47'59"	-11°54'33"	-00°00'34"	95.094
30/09/2019 00:00:00	Y	27°55'12" ♃	07°58'52"	-12°00'05"	-00°00'21"	84.090
01/10/2019 00:00:00	♍	07°31'36" ♃	-02°59'10"	00°00'00"	00°58'58"	1.001
01/10/2019 00:00:00	♎	08°46'37" ♃	-10°07'22"	04°32'08"	14°36'07"	0.002
01/10/2019 00:00:00	♏	26°37'14" ♃	-11°11'33"	-00°59'38"	01°27'39"	1.277
01/10/2019 00:00:00	♐	20°24'44" ♃	-07°07'23"	00°55'03"	01°14'35"	1.664
01/10/2019 00:00:00	♑	27°57'11" ♃	01°42'51"	00°58'52"	00°38'34"	2.639
01/10/2019 00:00:00	♒	18°10'54" ♃	-22°38'59"	00°15'43"	00°08'15"	5.507
01/10/2019 00:00:00	♓	14°02'27" ♃	-22°31'01"	00°10'48"	00°01'14"	9.880
01/10/2019 00:00:00	♈	05°40'21" ♃	12°55'23"	-00°31'02"	-00°02'04"	18.941
01/10/2019 00:00:00	♉	16°45'20" ♃	-06°12'12"	-01°03'31"	-00°01'31"	28.996
01/10/2019 00:00:00	♊	20°38'05" ♃	-22°22'46"	-00°32'01"	-00°00'04"	33.649
01/10/2019 00:00:00	♋	13°29'57" ♃	22°45'06"	00°00'00"	-00°09'12"	0.002
01/10/2019 00:00:00	♌	03°28'34" ♄	04°19'25"	03°12'21"	-00°02'42"	17.813

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01/10/2019 00:00:00	☾	16°45'14" ♈	-09°28'32"	-04°36'46"	00°06'42"	0.003
01/10/2019 00:00:00	♄	13°29'57" ♉	22°45'06"	00°00'00"	-00°09'12"	0.002
01/10/2019 00:00:00	♃	19°06'12" ♈	-08°30'43"	-04°34'04"	-02°37'35"	0.003
01/10/2019 00:00:00	X	23°55'56" ♈	-01°48'12"	-11°54'33"	-00°00'34"	95.089
01/10/2019 00:00:00	Y	27°54'50" ♉	07°58'41"	-12°00'12"	-00°00'21"	84.077
02/10/2019 00:00:00	☉	08°30'36" ♈	-03°22'27"	00°00'00"	00°59'00"	1.001
02/10/2019 00:00:00	☾	23°08'53" ♉	-14°49'00"	03°51'45"	14°07'49"	0.002
02/10/2019 00:00:00	♀	28°04'24" ♈	-11°49'48"	-01°06'58"	01°26'42"	1.267
02/10/2019 00:00:00	♀	21°39'19" ♈	-07°37'02"	00°53'11"	01°14'35"	1.661
02/10/2019 00:00:00	♂	28°35'46" ♉	01°27'17"	00°58'37"	00°38'35"	2.636
02/10/2019 00:00:00	♃	18°19'14" ♈	-22°39'52"	00°15'34"	00°08'23"	5.521
02/10/2019 00:00:00	♂	14°03'45" ♈	-22°30'59"	00°10'42"	00°01'20"	9.896
02/10/2019 00:00:00	♁	05°38'15" ♉	12°54'41"	-00°31'02"	-00°02'06"	18.933
02/10/2019 00:00:00	♃	16°43'49" ♈	-06°12'47"	-01°03'31"	-00°01'30"	29.003
02/10/2019 00:00:00	♁	20°38'02" ♈	-22°22'51"	-00°32'05"	-00°00'02"	33.666
02/10/2019 00:00:00	♄	13°21'56" ♉	22°45'54"	00°00'00"	-00°06'44"	0.002
02/10/2019 00:00:00	♃	03°25'52" ♈	04°18'15"	03°12'16"	-00°02'42"	17.815
02/10/2019 00:00:00	☾	16°51'56" ♈	-09°26'16"	-04°37'10"	00°06'42"	0.003
02/10/2019 00:00:00	♄	13°21'56" ♉	22°45'54"	00°00'00"	-00°06'44"	0.002



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02/10/2019 00:00:00	T♄	16°19'40" ♈	-09°30'53"	-04°28'28"	-02°52'09"	0.003
02/10/2019 00:00:00	X	23°55'21" ♏	-01°48'24"	-11°54'33"	-00°00'34"	95.085
02/10/2019 00:00:00	Y	27°54'28" ♏	07°58'30"	-12°00'18"	-00°00'22"	84.063
03/10/2019 00:00:00	☉	09°29'38" ♌	-03°45'41"	00°00'00"	00°59'02"	1.001
03/10/2019 00:00:00	☾	07°01'40" ♈	-18°32'34"	02°58'43"	13°37'42"	0.003
03/10/2019 00:00:00	♀	29°30'37" ♌	-12°27'19"	-01°14'14"	01°25'44"	1.256
03/10/2019 00:00:00	♀	22°53'55" ♌	-08°06'32"	00°51'16"	01°14'35"	1.658
03/10/2019 00:00:00	♂	29°14'21" ♍	01°11'42"	00°58'22"	00°38'36"	2.634
03/10/2019 00:00:00	♃	18°27'41" ♈	-22°40'44"	00°15'25"	00°08'30"	5.536
03/10/2019 00:00:00	♅	14°05'08" ♌	-22°30'56"	00°10'36"	00°01'26"	9.913
03/10/2019 00:00:00	♁	05°36'08" ♏	12°53'58"	-00°31'03"	-00°02'07"	18.926
03/10/2019 00:00:00	♃	16°42'19" ♈	-06°13'22"	-01°03'31"	-00°01'29"	29.009
03/10/2019 00:00:00	♁	20°38'01" ♌	-22°22'56"	-00°32'10"	-00°00'00"	33.684
03/10/2019 00:00:00	♁	13°16'33" ♏	22°46'27"	00°00'00"	-00°04'03"	0.002
03/10/2019 00:00:00	♁	03°23'10" ♏	04°17'06"	03°12'11"	-00°02'41"	17.817
03/10/2019 00:00:00	♁	16°58'39" ♈	-09°24'00"	-04°37'33"	00°06'42"	0.003
03/10/2019 00:00:00	T♄	13°16'33" ♏	22°46'27"	00°00'00"	-00°04'03"	0.002
03/10/2019 00:00:00	T♄	13°30'19" ♈	-10°30'51"	-04°22'05"	-02°41'50"	0.003
03/10/2019 00:00:00	X	23°54'47" ♏	-01°48'36"	-11°54'33"	-00°00'34"	95.080

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03/10/2019 00:00:00	Y	27°54'06" ♃	07°58'19"	-12°00'25"	-00°00'22"	84.050
04/10/2019 00:00:00	☉	10°28'42" ♌	-04°08'52"	-00°00'00"	00°59'04"	1.001
04/10/2019 00:00:00	☾	20°24'45" ♌	-21°08'15"	01°57'26"	13°08'51"	0.003
04/10/2019 00:00:00	♀	00°55'52" ♍	-13°04'05"	-01°21'26"	01°24'44"	1.245
04/10/2019 00:00:00	♀	24°08'30" ♌	-08°35'50"	00°49'19"	01°14'35"	1.656
04/10/2019 00:00:00	♂	29°52'58" ♍	00°56'06"	00°58'06"	00°38'36"	2.632
04/10/2019 00:00:00	♃	18°36'15" ♌	-22°41'37"	00°15'17"	00°08'38"	5.550
04/10/2019 00:00:00	♅	14°06'38" ♌	-22°30'52"	00°10'31"	00°01'32"	9.930
04/10/2019 00:00:00	♁	05°33'59" ♃	12°53'15"	-00°31'03"	-00°02'09"	18.919
04/10/2019 00:00:00	♃	16°40'50" ♌	-06°13'56"	-01°03'30"	-00°01'28"	29.016
04/10/2019 00:00:00	♁	20°38'01" ♌	-22°23'01"	-00°32'15"	00°00'01"	33.701
04/10/2019 00:00:00	♁	13°13'42" ♃	22°46'43"	00°00'00"	-00°01'45"	0.002
04/10/2019 00:00:00	♃	03°20'28" ♌	04°15'57"	03°12'05"	-00°02'41"	17.820
04/10/2019 00:00:00	♃	17°05'22" ♌	-09°21'43"	-04°37'56"	00°06'42"	0.003
04/10/2019 00:00:00	T♁	13°13'42" ♃	22°46'43"	00°00'00"	-00°01'45"	0.002
04/10/2019 00:00:00	T♃	11°04'50" ♌	-11°21'14"	-04°16'02"	-02°05'24"	0.003
04/10/2019 00:00:00	X	23°54'12" ♌	-01°48'49"	-11°54'33"	-00°00'34"	95.076
04/10/2019 00:00:00	Y	27°53'43" ♃	07°58'08"	-12°00'31"	-00°00'23"	84.037
05/10/2019 00:00:00	☉	11°27'47" ♌	-04°32'01"	-00°00'00"	00°59'06"	1.000

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05/10/2019 00:00:00	♃	03°20'33" ♁	-22°31'41"	00°51'58"	12°43'28"	0.003
05/10/2019 00:00:00	♆	02°20'07" ♃	-13°40'05"	-01°28'33"	01°23'44"	1.234
05/10/2019 00:00:00	♀	25°23'06" ♁	-09°04'58"	00°47'18"	01°14'35"	1.653
05/10/2019 00:00:00	♂	00°31'35" ♁	00°40'30"	00°57'51"	00°38'37"	2.629
05/10/2019 00:00:00	♃	18°44'58" ♁	-22°42'30"	00°15'08"	00°08'45"	5.564
05/10/2019 00:00:00	♄	14°08'13" ♁	-22°30'48"	00°10'25"	00°01'38"	9.946
05/10/2019 00:00:00	♃	05°31'49" ♃	12°52'32"	-00°31'03"	-00°02'10"	18.912
05/10/2019 00:00:00	♃	16°39'22" ♃	-06°14'30"	-01°03'30"	-00°01'27"	29.024
05/10/2019 00:00:00	♃	20°38'03" ♁	-22°23'05"	-00°32'19"	00°00'03"	33.719
05/10/2019 00:00:00	♃	13°12'45" ♃	22°46'49"	00°00'00"	-00°00'19"	0.002
05/10/2019 00:00:00	♃	03°17'48" ♃	04°14'48"	03°12'00"	-00°02'40"	17.822
05/10/2019 00:00:00	♃	17°12'04" ♃	-09°19'27"	-04°38'19"	00°06'42"	0.003
05/10/2019 00:00:00	♃	13°12'45" ♃	22°46'49"	00°00'00"	-00°00'19"	0.002
05/10/2019 00:00:00	♃	09°24'45" ♃	-11°55'14"	-04°11'32"	-01°13'22"	0.003
05/10/2019 00:00:00	X	23°53'37" ♃	-01°49'01"	-11°54'33"	-00°00'34"	95.073
05/10/2019 00:00:00	Y	27°53'19" ♃	07°57'57"	-12°00'37"	-00°00'23"	84.024
06/10/2019 00:00:00	♃	12°26'54" ♁	-04°55'06"	-00°00'00"	00°59'08"	1.000
06/10/2019 00:00:00	♃	15°53'17" ♁	-22°43'30"	-00°14'09"	12°22'49"	0.003
06/10/2019 00:00:00	♆	03°43'20" ♃	-14°15'16"	-01°35'35"	01°22'41"	1.222

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06/10/2019 00:00:00	♀	26°37'41" ♈	-09°33'53"	00°45'16"	01°14'35"	1.650
06/10/2019 00:00:00	♂	01°10'13" ♈	00°24'54"	00°57'35"	00°38'38"	2.627
06/10/2019 00:00:00	♃	18°53'47" ♏	-22°43'22"	00°15'00"	00°08'53"	5.578
06/10/2019 00:00:00	♅	14°09'55" ♏	-22°30'43"	00°10'19"	00°01'44"	9.963
06/10/2019 00:00:00	♁	05°29'38" ♏	12°51'48"	-00°31'03"	-00°02'12"	18.905
06/10/2019 00:00:00	♃	16°37'55" ♏	-06°15'04"	-01°03'30"	-00°01'26"	29.031
06/10/2019 00:00:00	♁	20°38'07" ♏	-22°23'09"	-00°32'24"	00°00'04"	33.737
06/10/2019 00:00:00	♁	13°12'40" ♏	22°46'50"	00°00'00"	-00°00'02"	0.002
06/10/2019 00:00:00	♃	03°15'07" ♏	04°13'39"	03°11'54"	-00°02'40"	17.825
06/10/2019 00:00:00	♁	17°18'47" ♏	-09°17'10"	-04°38'42"	00°06'42"	0.003
06/10/2019 00:00:00	♁	13°12'40" ♏	22°46'50"	00°00'00"	-00°00'02"	0.002
06/10/2019 00:00:00	♁	08°38'36" ♏	-12°10'38"	-04°09'18"	-00°19'40"	0.003
06/10/2019 00:00:00	X	23°53'02" ♏	-01°49'13"	-11°54'32"	-00°00'35"	95.069
06/10/2019 00:00:00	Y	27°52'55" ♏	07°57'46"	-12°00'44"	-00°00'24"	84.011
07/10/2019 00:00:00	♁	13°26'03" ♈	-05°18'07"	-00°00'00"	00°59'09"	1.000
07/10/2019 00:00:00	♃	28°07'57" ♏	-21°48'25"	-01°18'03"	12°07'23"	0.003
07/10/2019 00:00:00	♁	05°05'30" ♏	-14°49'36"	-01°42'29"	01°21'37"	1.210
07/10/2019 00:00:00	♀	27°52'16" ♈	-10°02'36"	00°43'10"	01°14'35"	1.647
07/10/2019 00:00:00	♂	01°48'52" ♈	00°09'17"	00°57'19"	00°38'39"	2.624

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07/10/2019 00:00:00	♃	19°02'44" ♄	-22°44'15"	00°14'51"	00°09'00"	5.592
07/10/2019 00:00:00	♅	14°11'42" ♁	-22°30'37"	00°10'13"	00°01'49"	9.979
07/10/2019 00:00:00	♆	05°27'25" ♁	12°51'03"	-00°31'04"	-00°02'13"	18.899
07/10/2019 00:00:00	♅	16°36'29" ♃	-06°15'37"	-01°03'29"	-00°01'25"	29.039
07/10/2019 00:00:00	♁	20°38'13" ♁	-22°23'12"	-00°32'28"	00°00'06"	33.754
07/10/2019 00:00:00	♁	13°12'16" ♁	22°46'52"	00°00'00"	-00°00'56"	0.002
07/10/2019 00:00:00	♅	03°12'27" ♁	04°12'30"	03°11'48"	-00°02'39"	17.829
07/10/2019 00:00:00	♁	17°25'29" ♃	-09°14'53"	-04°39'05"	00°06'42"	0.003
07/10/2019 00:00:00	T♁	13°12'16" ♁	22°46'52"	00°00'00"	-00°00'56"	0.002
07/10/2019 00:00:00	T♁	08°42'28" ♃	-12°09'13"	-04°09'21"	00°25'25"	0.003
07/10/2019 00:00:00	X	23°52'27" ♁	-01°49'25"	-11°54'32"	-00°00'35"	95.066
07/10/2019 00:00:00	Y	27°52'31" ♁	07°57'35"	-12°00'50"	-00°00'24"	83.999
08/10/2019 00:00:00	♁	14°25'14" ♁	-05°41'04"	-00°00'00"	00°59'11"	0.999
08/10/2019 00:00:00	♁	10°09'46" ♁	-19°53'51"	-02°17'17"	11°57'05"	0.003
08/10/2019 00:00:00	♁	06°26'34" ♃	-15°23'05"	-01°49'17"	01°20'30"	1.197
08/10/2019 00:00:00	♁	29°06'51" ♁	-10°31'05"	00°41'03"	01°14'35"	1.645
08/10/2019 00:00:00	♁	02°27'32" ♁	-00°06'18"	00°57'03"	00°38'40"	2.621
08/10/2019 00:00:00	♃	19°11'48" ♄	-22°45'08"	00°14'43"	00°09'07"	5.606
08/10/2019 00:00:00	♅	14°13'34" ♁	-22°30'31"	00°10'07"	00°01'55"	9.996

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08/10/2019 00:00:00	♃	05°25'10" ♉	12°50'19"	-00°31'04"	-00°02'14"	18.893
08/10/2019 00:00:00	♃	16°35'03" ♉	-06°16'10"	-01°03'29"	-00°01'24"	29.047
08/10/2019 00:00:00	♃	20°38'21" ♉	-22°23'16"	-00°32'33"	00°00'08"	33.772
08/10/2019 00:00:00	♃	13°10'26" ♉	22°47'03"	00°00'00"	-00°02'53"	0.002
08/10/2019 00:00:00	♃	03°09'48" ♉	04°11'21"	03°11'42"	-00°02'38"	17.832
08/10/2019 00:00:00	♃	17°32'12" ♉	-09°12'36"	-04°39'28"	00°06'42"	0.003
08/10/2019 00:00:00	♃	13°10'26" ♉	22°47'03"	00°00'00"	-00°02'53"	0.002
08/10/2019 00:00:00	♃	09°24'59" ♉	-11°54'49"	-04°11'11"	00°57'16"	0.003
08/10/2019 00:00:00	X	23°51'52" ♉	-01°49'37"	-11°54'31"	-00°00'35"	95.063
08/10/2019 00:00:00	Y	27°52'05" ♉	07°57'24"	-12°00'56"	-00°00'25"	83.987
09/10/2019 00:00:00	♃	15°24'26" ♉	-06°03'57"	-00°00'00"	00°59'13"	0.999
09/10/2019 00:00:00	♃	22°03'42" ♉	-17°08'38"	-03°09'45"	11°51'29"	0.003
09/10/2019 00:00:00	♃	07°46'29" ♉	-15°55'41"	-01°55'56"	01°19'20"	1.184
09/10/2019 00:00:00	♃	00°21'26" ♉	-10°59'19"	00°38'53"	01°14'34"	1.642
09/10/2019 00:00:00	♃	03°06'13" ♉	-00°21'55"	00°56'46"	00°38'41"	2.619
09/10/2019 00:00:00	♃	19°20'59" ♉	-22°46'00"	00°14'34"	00°09'14"	5.620
09/10/2019 00:00:00	♃	14°15'33" ♉	-22°30'25"	00°10'02"	00°02'01"	10.013
09/10/2019 00:00:00	♃	05°22'55" ♉	12°49'33"	-00°31'04"	-00°02'16"	18.887
09/10/2019 00:00:00	♃	16°33'39" ♉	-06°16'42"	-01°03'28"	-00°01'23"	29.055

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09/10/2019 00:00:00	♁	20°38'30"	♌	-22°23'19"	-00°32'38"	00°00'10"	33.790
09/10/2019 00:00:00	♁	13°06'15"	♉	22°47'27"	00°00'00"	-00°05'32"	0.002
09/10/2019 00:00:00	♊	03°07'10"	♈	04°10'12"	03°11'35"	-00°02'38"	17.836
09/10/2019 00:00:00	♋	17°38'54"	♈	-09°10'19"	-04°39'50"	00°06'42"	0.003
09/10/2019 00:00:00	♁	13°06'15"	♉	22°47'27"	00°00'00"	-00°05'32"	0.002
09/10/2019 00:00:00	♋	10°32'34"	♈	-11°31'51"	-04°14'10"	01°15'54"	0.003
09/10/2019 00:00:00	♁	23°51'16"	♈	-01°49'49"	-11°54'30"	-00°00'35"	95.061
09/10/2019 00:00:00	♁	27°51'40"	♉	07°57'13"	-12°01'01"	-00°00'26"	83.975
10/10/2019 00:00:00	♁	16°23'40"	♈	-06°26'44"	-00°00'00"	00°59'15"	0.999
10/10/2019 00:00:00	♁	03°54'05"	♈	-13°42'08"	-03°53'40"	11°49'53"	0.003
10/10/2019 00:00:00	♋	09°05'13"	♈	-16°27'21"	-02°02'25"	01°18'06"	1.171
10/10/2019 00:00:00	♋	01°36'01"	♈	-11°27'19"	00°36'41"	01°14'34"	1.639
10/10/2019 00:00:00	♈	03°44'54"	♈	-00°37'32"	00°56'30"	00°38'41"	2.616
10/10/2019 00:00:00	♈	19°30'17"	♈	-22°46'53"	00°14'26"	00°09'21"	5.633
10/10/2019 00:00:00	♈	14°17'37"	♈	-22°30'17"	00°09'56"	00°02'06"	10.029
10/10/2019 00:00:00	♈	05°20'38"	♉	12°48'48"	-00°31'04"	-00°02'17"	18.881
10/10/2019 00:00:00	♈	16°32'16"	♈	-06°17'14"	-01°03'28"	-00°01'22"	29.064
10/10/2019 00:00:00	♁	20°38'41"	♌	-22°23'22"	-00°32'42"	00°00'11"	33.807
10/10/2019 00:00:00	♁	12°59'16"	♉	22°48'08"	00°00'00"	-00°08'26"	0.002

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10/10/2019 00:00:00	♄	03°04'32" ♏	04°09'04"	03°11'29"	-00°02'37"	17.841
10/10/2019 00:00:00	♁	17°45'37" ♏	-09°08'02"	-04°40'13"	00°06'42"	0.003
10/10/2019 00:00:00	♁♁	12°59'16" ♏	22°48'08"	00°00'00"	-00°08'26"	0.002
10/10/2019 00:00:00	♁♁	11°53'36" ♏	-11°04'05"	-04°17'42"	01°25'05"	0.003
10/10/2019 00:00:00	X	23°50'41" ♏	-01°50'00"	-11°54'29"	-00°00'35"	95.059
10/10/2019 00:00:00	Y	27°51'13" ♏	07°57'02"	-12°01'07"	-00°00'26"	83.963
11/10/2019 00:00:00	♁	17°22'56" ♏	-06°49'27"	-00°00'00"	00°59'16"	0.999
11/10/2019 00:00:00	♁	15°44'33" ♏	-09°43'37"	-04°27'24"	11°51'31"	0.003
11/10/2019 00:00:00	♁	10°22'41" ♏	-16°58'03"	-02°08'44"	01°16'48"	1.157
11/10/2019 00:00:00	♁	02°50'36" ♏	-11°55'02"	00°34'27"	01°14'34"	1.636
11/10/2019 00:00:00	♁	04°23'36" ♏	-00°53'08"	00°56'13"	00°38'42"	2.613
11/10/2019 00:00:00	♁	19°39'41" ♏	-22°47'45"	00°14'18"	00°09'28"	5.647
11/10/2019 00:00:00	♁	14°19'46" ♏	-22°30'09"	00°09'50"	00°02'12"	10.046
11/10/2019 00:00:00	♁	05°18'20" ♏	12°48'02"	-00°31'04"	-00°02'18"	18.876
11/10/2019 00:00:00	♁	16°30'54" ♏	-06°17'45"	-01°03'27"	-00°01'21"	29.073
11/10/2019 00:00:00	♁	20°38'54" ♏	-22°23'25"	-00°32'47"	00°00'13"	33.825
11/10/2019 00:00:00	♁	12°49'26" ♏	22°49'05"	00°00'00"	-00°11'08"	0.003
11/10/2019 00:00:00	♁	03°01'56" ♏	04°07'55"	03°11'22"	-00°02'36"	17.845
11/10/2019 00:00:00	♁	17°52'19" ♏	-09°05'44"	-04°40'35"	00°06'42"	0.003



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11/10/2019 00:00:00	T♄	12°49'26" ♉	22°49'05"	00°00'00"	-00°11'08"	0.003
11/10/2019 00:00:00	T♄	13°21'55" ♉	-10°33'35"	-04°21'32"	01°31'52"	0.003
11/10/2019 00:00:00	X	23°50'05" ♉	-01°50'12"	-11°54'28"	-00°00'35"	95.057
11/10/2019 00:00:00	Y	27°50'47" ♉	07°56'51"	-12°01'13"	-00°00'27"	83.951
12/10/2019 00:00:00	♁	18°22'14" ♉	-07°12'04"	-00°00'00"	00°59'18"	0.998
12/10/2019 00:00:00	♁	27°37'55" ♉	-05°22'10"	-04°49'37"	11°55'32"	0.003
12/10/2019 00:00:00	♁	11°38'48" ♉	-17°27'45"	-02°14'51"	01°15'25"	1.142
12/10/2019 00:00:00	♁	04°05'10" ♉	-12°22'29"	00°32'10"	01°14'34"	1.633
12/10/2019 00:00:00	♁	05°02'20" ♉	-01°08'45"	00°55'56"	00°38'43"	2.610
12/10/2019 00:00:00	♁	19°49'13" ♉	-22°48'37"	00°14'10"	00°09'34"	5.660
12/10/2019 00:00:00	♁	14°22'01" ♉	-22°30'00"	00°09'45"	00°02'17"	10.062
12/10/2019 00:00:00	♁	05°16'01" ♉	12°47'16"	-00°31'04"	-00°02'19"	18.871
12/10/2019 00:00:00	♁	16°29'33" ♉	-06°18'16"	-01°03'26"	-00°01'20"	29.082
12/10/2019 00:00:00	♁	20°39'08" ♉	-22°23'27"	-00°32'51"	00°00'15"	33.843
12/10/2019 00:00:00	♁	12°37'12" ♉	22°50'15"	00°00'00"	-00°13'11"	0.003
12/10/2019 00:00:00	♁	02°59'20" ♉	04°06'47"	03°11'15"	-00°02'35"	17.850
12/10/2019 00:00:00	♁	17°59'02" ♉	-09°03'27"	-04°40'57"	00°06'42"	0.003
12/10/2019 00:00:00	T♄	12°37'12" ♉	22°50'15"	00°00'00"	-00°13'11"	0.003
12/10/2019 00:00:00	T♄	14°59'39" ♉	-09°59'34"	-04°25'44"	01°45'30"	0.003

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12/10/2019 00:00:00	X	23°49'29" ♄	-01°50'24"	-11°54'27"	-00°00'35"	95.055
12/10/2019 00:00:00	Y	27°50'19" ♃	07°56'39"	-12°01'18"	-00°00'27"	83.940
13/10/2019 00:00:00	☉	19°21'34" ♌	-07°34'35"	-00°00'00"	00°59'20"	0.998
13/10/2019 00:00:00	☾	09°36'13" ♄	-00°46'57"	-04°59'14"	12°01'15"	0.003
13/10/2019 00:00:00	♀	12°53'30" ♍	-17°56'25"	-02°20'44"	01°13'57"	1.128
13/10/2019 00:00:00	♀	05°19'44" ♍	-12°49'38"	00°29'52"	01°14'34"	1.630
13/10/2019 00:00:00	♂	05°41'04" ♌	-01°24'21"	00°55'39"	00°38'44"	2.607
13/10/2019 00:00:00	♃	19°58'51" ♉	-22°49'29"	00°14'02"	00°09'41"	5.674
13/10/2019 00:00:00	♅	14°24'22" ♋	-22°29'51"	00°09'39"	00°02'23"	10.079
13/10/2019 00:00:00	♁	05°13'41" ♃	12°46'29"	-00°31'04"	-00°02'20"	18.867
13/10/2019 00:00:00	♃	16°28'13" ♉	-06°18'47"	-01°03'26"	-00°01'19"	29.091
13/10/2019 00:00:00	♁	20°39'24" ♋	-22°23'29"	-00°32'56"	00°00'17"	33.861
13/10/2019 00:00:00	♁	12°23'24" ♃	22°51'32"	00°00'00"	-00°14'13"	0.003
13/10/2019 00:00:00	♃	02°56'45" ♄	04°05'39"	03°11'08"	-00°02'34"	17.855
13/10/2019 00:00:00	♁	18°05'44" ♉	-09°01'09"	-04°41'19"	00°06'42"	0.003
13/10/2019 00:00:00	T♁	12°23'24" ♃	22°51'32"	00°00'00"	-00°14'13"	0.003
13/10/2019 00:00:00	T♃	16°57'58" ♉	-09°17'57"	-04°30'42"	02°13'59"	0.003
13/10/2019 00:00:00	X	23°48'53" ♄	-01°50'35"	-11°54'26"	-00°00'35"	95.054
13/10/2019 00:00:00	Y	27°49'51" ♃	07°56'28"	-12°01'24"	-00°00'28"	83.929

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14/10/2019 00:00:00	☉	20°20'56" ♈	-07°57'00"	-00°00'00"	00°59'22"	0.998
14/10/2019 00:00:00	☾	21°40'49" ♏	03°52'35"	-04°55'33"	12°08'05"	0.003
14/10/2019 00:00:00	♀	14°06'41" ♎	-18°24'01"	-02°26'24"	01°12'23"	1.112
14/10/2019 00:00:00	♋	06°34'19" ♎	-13°16'29"	00°27'32"	01°14'34"	1.627
14/10/2019 00:00:00	♂	06°19'49" ♈	-01°39'57"	00°55'22"	00°38'45"	2.604
14/10/2019 00:00:00	♋	20°08'35" ♏	-22°50'20"	00°13'54"	00°09'47"	5.687
14/10/2019 00:00:00	♁	14°26'49" ♏	-22°29'41"	00°09'33"	00°02'29"	10.095
14/10/2019 00:00:00	♁	05°11'20" ♏	12°45'42"	-00°31'04"	-00°02'21"	18.862
14/10/2019 00:00:00	♁	16°26'54" ♏	-06°19'17"	-01°03'25"	-00°01'18"	29.101
14/10/2019 00:00:00	♁	20°39'42" ♏	-22°23'31"	-00°33'00"	00°00'18"	33.879
14/10/2019 00:00:00	♁	12°09'08" ♏	22°52'51"	00°00'00"	-00°14'05"	0.003
14/10/2019 00:00:00	♁	02°54'11" ♏	04°04'31"	03°11'01"	-00°02'33"	17.861
14/10/2019 00:00:00	♁	18°12'27" ♏	-08°58'51"	-04°41'41"	00°06'42"	0.003
14/10/2019 00:00:00	♁	12°09'08" ♏	22°52'51"	00°00'00"	-00°14'05"	0.003
14/10/2019 00:00:00	♁	19°33'07" ♏	-08°22'34"	-04°36'45"	02°58'33"	0.003
14/10/2019 00:00:00	X	23°48'17" ♏	-01°50'47"	-11°54'24"	-00°00'35"	95.053
14/10/2019 00:00:00	Y	27°49'23" ♏	07°56'17"	-12°01'29"	-00°00'28"	83.918
15/10/2019 00:00:00	☉	21°20'20" ♈	-08°19'18"	-00°00'00"	00°59'25"	0.997
15/10/2019 00:00:00	☾	03°52'41" ♏	08°26'23"	-04°38'20"	12°15'44"	0.003

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15/10/2019 00:00:00	♀	15°18'14" ♍	-18°50'29"	-02°31'47"	01°10'41"	1.097
15/10/2019 00:00:00	♀	07°48'53" ♍	-13°43'01"	00°25'10"	01°14'34"	1.624
15/10/2019 00:00:00	♂	06°58'35" ♋	-01°55'32"	00°55'05"	00°38'46"	2.601
15/10/2019 00:00:00	♃	20°18'27" ♈	-22°51'12"	00°13'46"	00°09'54"	5.700
15/10/2019 00:00:00	♃	14°29'20" ♈	-22°29'30"	00°09'28"	00°02'34"	10.112
15/10/2019 00:00:00	♃	05°08'59" ♈	12°44'55"	-00°31'04"	-00°02'22"	18.858
15/10/2019 00:00:00	♃	16°25'37" ♈	-06°19'46"	-01°03'24"	-00°01'16"	29.111
15/10/2019 00:00:00	♃	20°40'02" ♈	-22°23'32"	-00°33'05"	00°00'20"	33.896
15/10/2019 00:00:00	♃	11°55'37" ♈	22°54'04"	00°00'00"	-00°12'46"	0.003
15/10/2019 00:00:00	♃	02°51'38" ♈	04°03'23"	03°10'53"	-00°02'32"	17.866
15/10/2019 00:00:00	♃	18°19'09" ♈	-08°56'33"	-04°42'02"	00°06'42"	0.003
15/10/2019 00:00:00	T♃	11°55'37" ♈	22°54'04"	00°00'00"	-00°12'46"	0.003
15/10/2019 00:00:00	T♃	22°57'34" ♈	-07°08'11"	-04°43'46"	03°50'19"	0.003
15/10/2019 00:00:00	X	23°47'41" ♈	-01°50'58"	-11°54'22"	-00°00'36"	95.052
15/10/2019 00:00:00	Y	27°48'54" ♈	07°56'06"	-12°01'34"	-00°00'28"	83.907
16/10/2019 00:00:00	♃	22°19'46" ♋	-08°41'29"	-00°00'00"	00°59'27"	0.997
16/10/2019 00:00:00	♃	16°12'35" ♈	12°43'24"	-04°07'56"	12°24'11"	0.003
16/10/2019 00:00:00	♀	16°28'01" ♍	-19°15'46"	-02°36'53"	01°08'51"	1.081
16/10/2019 00:00:00	♀	09°03'27" ♍	-14°09'13"	00°22'47"	01°14'34"	1.621

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16/10/2019 00:00:00	♂	07°37'23" ♄	-02°11'07"	00°54'47"	00°38'47"	2.598
16/10/2019 00:00:00	♃	20°28'24" ♁	-22°52'03"	00°13'38"	00°10'00"	5.713
16/10/2019 00:00:00	♅	14°31'58" ♁	-22°29'18"	00°09'22"	00°02'40"	10.128
16/10/2019 00:00:00	♁	05°06'36" ♁	12°44'07"	-00°31'04"	-00°02'22"	18.854
16/10/2019 00:00:00	♃	16°24'21" ♁	-06°20'15"	-01°03'23"	-00°01'15"	29.121
16/10/2019 00:00:00	♁	20°40'24" ♁	-22°23'33"	-00°33'09"	00°00'22"	33.914
16/10/2019 00:00:00	♁	11°43'55" ♁	22°55'06"	00°00'00"	-00°10'29"	0.003
16/10/2019 00:00:00	♁	02°49'07" ♁	04°02'16"	03°10'46"	-00°02'30"	17.872
16/10/2019 00:00:00	♁	18°25'52" ♁	-08°54'14"	-04°42'24"	00°06'42"	0.003
16/10/2019 00:00:00	T♁	11°43'55" ♁	22°55'06"	00°00'00"	-00°10'29"	0.003
16/10/2019 00:00:00	T♁	27°10'54" ♁	-05°34'07"	-04°50'56"	04°33'31"	0.003
16/10/2019 00:00:00	X	23°47'05" ♁	-01°51'09"	-11°54'21"	-00°00'36"	95.051
16/10/2019 00:00:00	Y	27°48'25" ♁	07°55'55"	-12°01'39"	-00°00'29"	83.897
17/10/2019 00:00:00	♁	23°19'14" ♄	-09°03'33"	-00°00'00"	00°59'29"	0.997
17/10/2019 00:00:00	♁	28°41'25" ♁	16°31'32"	-03°25'17"	12°33'40"	0.003
17/10/2019 00:00:00	♁	17°35'53" ♁	-19°39'51"	-02°41'40"	01°06'51"	1.064
17/10/2019 00:00:00	♀	10°18'01" ♁	-14°35'04"	00°20'22"	01°14'34"	1.617
17/10/2019 00:00:00	♂	08°16'11" ♄	-02°26'41"	00°54'29"	00°38'49"	2.595
17/10/2019 00:00:00	♃	20°38'28" ♁	-22°52'53"	00°13'30"	00°10'07"	5.726

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17/10/2019 00:00:00	♃	14°34'41" ♁	-22°29'06"	00°09'17"	00°02'45"	10.145
17/10/2019 00:00:00	♃	05°04'13" ♁	12°43'20"	-00°31'04"	-00°02'23"	18.851
17/10/2019 00:00:00	♃	16°23'06" ♁	-06°20'43"	-01°03'23"	-00°01'14"	29.132
17/10/2019 00:00:00	♃	20°40'48" ♁	-22°23'34"	-00°33'14"	00°00'24"	33.932
17/10/2019 00:00:00	♃	11°34'51" ♁	22°55'53"	00°00'00"	-00°07'36"	0.003
17/10/2019 00:00:00	♃	02°46'37" ♁	04°01'09"	03°10'38"	-00°02'29"	17.879
17/10/2019 00:00:00	♃	18°32'35" ♁	-08°51'56"	-04°42'45"	00°06'42"	0.003
17/10/2019 00:00:00	♃	11°34'51" ♁	22°55'53"	00°00'00"	-00°07'36"	0.003
17/10/2019 00:00:00	♃	01°56'39" ♁	-03°46'05"	-04°56'59"	04°53'03"	0.003
17/10/2019 00:00:00	X	23°46'29" ♁	-01°51'20"	-11°54'19"	-00°00'35"	95.051
17/10/2019 00:00:00	Y	27°47'56" ♁	07°55'44"	-12°01'44"	-00°00'29"	83.887
18/10/2019 00:00:00	♃	24°18'45" ♁	-09°25'29"	-00°00'00"	00°59'31"	0.997
18/10/2019 00:00:00	♃	11°20'27" ♁	19°37'45"	-02°31'53"	12°44'40"	0.003
18/10/2019 00:00:00	♃	18°41'41" ♁	-20°02'38"	-02°46'06"	01°04'41"	1.048
18/10/2019 00:00:00	♃	11°32'35" ♁	-15°00'34"	00°17'55"	01°14'34"	1.614
18/10/2019 00:00:00	♃	08°55'01" ♁	-02°42'14"	00°54'12"	00°38'50"	2.591
18/10/2019 00:00:00	♃	20°48'38" ♁	-22°53'43"	00°13'22"	00°10'13"	5.739
18/10/2019 00:00:00	♃	14°37'29" ♁	-22°28'53"	00°09'11"	00°02'51"	10.161
18/10/2019 00:00:00	♃	05°01'49" ♁	12°42'32"	-00°31'04"	-00°02'24"	18.848

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18/10/2019 00:00:00	♁	16°21'52" ♏	-06°21'11"	-01°03'22"	-00°01'12"	29.142
18/10/2019 00:00:00	♁	20°41'13" ♏	-22°23'35"	-00°33'18"	00°00'26"	33.950
18/10/2019 00:00:00	♁	11°28'45" ♏	22°56'25"	00°00'00"	-00°04'36"	0.003
18/10/2019 00:00:00	♁	02°44'08" ♏	04°00'03"	03°10'30"	-00°02'28"	17.885
18/10/2019 00:00:00	♁	18°39'17" ♏	-08°49'37"	-04°43'07"	00°06'42"	0.003
18/10/2019 00:00:00	T♁	11°28'45" ♏	22°56'25"	00°00'00"	-00°04'36"	0.003
18/10/2019 00:00:00	T♁	06°46'08" ♏	-01°55'12"	-05°00'54"	04°40'13"	0.003
18/10/2019 00:00:00	X	23°45'53" ♏	-01°51'31"	-11°54'17"	-00°00'35"	95.051
18/10/2019 00:00:00	Y	27°47'26" ♏	07°55'33"	-12°01'49"	-00°00'30"	83.877
19/10/2019 00:00:00	♁	25°18'18" ♏	-09°47'17"	-00°00'00"	00°59'33"	0.996
19/10/2019 00:00:00	♁	24°11'26" ♏	21°48'45"	-01°29'51"	12°57'40"	0.003
19/10/2019 00:00:00	♁	19°45'12" ♏	-20°24'05"	-02°50'08"	01°02'18"	1.030
19/10/2019 00:00:00	♁	12°47'09" ♏	-15°25'42"	00°15'27"	01°14'34"	1.611
19/10/2019 00:00:00	♁	09°33'52" ♏	-02°57'47"	00°53'54"	00°38'51"	2.588
19/10/2019 00:00:00	♁	20°58'55" ♏	-22°54'33"	00°13'14"	00°10'19"	5.751
19/10/2019 00:00:00	♁	14°40'23" ♏	-22°28'40"	00°09'05"	00°02'56"	10.177
19/10/2019 00:00:00	♁	04°59'24" ♏	12°41'43"	-00°31'04"	-00°02'24"	18.845
19/10/2019 00:00:00	♁	16°20'40" ♏	-06°21'38"	-01°03'21"	-00°01'11"	29.153
19/10/2019 00:00:00	♁	20°41'40" ♏	-22°23'35"	-00°33'23"	00°00'28"	33.967

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19/10/2019 00:00:00	♏	11°25'29" ♉	22°56'42"	00°00'00"	-00°02'01"	0.003
19/10/2019 00:00:00	♋	02°41'40" ♏	03°58'57"	03°10'22"	-00°02'26"	17.892
19/10/2019 00:00:00	♌	18°46'00" ♋	-08°47'18"	-04°43'28"	00°06'42"	0.003
19/10/2019 00:00:00	♏	11°25'29" ♉	22°56'42"	00°00'00"	-00°02'01"	0.003
19/10/2019 00:00:00	♌	11°05'53" ♏	-00°15'04"	-05°02'33"	03°53'55"	0.003
19/10/2019 00:00:00	X	23°45'17" ♏	-01°51'42"	-11°54'15"	-00°00'35"	95.052
19/10/2019 00:00:00	Y	27°46'55" ♏	07°55'22"	-12°01'54"	-00°00'30"	83.867
20/10/2019 00:00:00	♏	26°17'53" ♏	-10°08'57"	-00°00'00"	00°59'36"	0.996
20/10/2019 00:00:00	♎	07°16'38" ♏	22°52'19"	-00°21'52"	13°13'07"	0.003
20/10/2019 00:00:00	♌	20°46'14" ♏	-20°44'06"	-02°53'45"	00°59'42"	1.013
20/10/2019 00:00:00	♌	14°01'44" ♏	-15°50'26"	00°12'58"	01°14'34"	1.608
20/10/2019 00:00:00	♏	10°12'44" ♏	-03°13'18"	00°53'35"	00°38'52"	2.585
20/10/2019 00:00:00	♏	21°09'17" ♏	-22°55'23"	00°13'06"	00°10'25"	5.764
20/10/2019 00:00:00	♏	14°43'22" ♏	-22°28'26"	00°09'00"	00°03'01"	10.194
20/10/2019 00:00:00	♏	04°56'59" ♏	12°40'55"	-00°31'04"	-00°02'25"	18.842
20/10/2019 00:00:00	♏	16°19'29" ♏	-06°22'05"	-01°03'20"	-00°01'10"	29.164
20/10/2019 00:00:00	♏	20°42'09" ♏	-22°23'35"	-00°33'28"	00°00'29"	33.985
20/10/2019 00:00:00	♏	11°24'25" ♉	22°56'47"	00°00'00"	-00°00'18"	0.003
20/10/2019 00:00:00	♋	02°39'14" ♏	03°57'51"	03°10'13"	-00°02'25"	17.899



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20/10/2019 00:00:00	☾	18°52'43" ♈	-08°44'59"	-04°43'49"	00°06'42"	0.003
20/10/2019 00:00:00	♁	11°24'25" ♉	22°56'47"	00°00'00"	-00°00'18"	0.003
20/10/2019 00:00:00	♁	14°24'29" ♈	01°01'35"	-05°02'37"	02°39'16"	0.003
20/10/2019 00:00:00	X	23°44'41" ♈	-01°51'53"	-11°54'12"	-00°00'35"	95.052
20/10/2019 00:00:00	Y	27°46'25" ♉	07°55'11"	-12°01'58"	-00°00'30"	83.858
21/10/2019 00:00:00	☉	27°17'30" ♈	-10°30'27"	-00°00'00"	00°59'38"	0.996
21/10/2019 00:00:00	☾	20°38'33" ♉	22°39'17"	00°48'47"	13°31'06"	0.003
21/10/2019 00:00:00	♀	21°44'31" ♈	-21°02'39"	-02°56'53"	00°56'50"	0.995
21/10/2019 00:00:00	♀	15°16'18" ♈	-16°14'47"	00°10'27"	01°14'34"	1.604
21/10/2019 00:00:00	♂	10°51'37" ♈	-03°28'49"	00°53'17"	00°38'53"	2.581
21/10/2019 00:00:00	♃	21°19'46" ♈	-22°56'12"	00°12'59"	00°10'31"	5.776
21/10/2019 00:00:00	♃	14°46'27" ♈	-22°28'11"	00°08'54"	00°03'07"	10.210
21/10/2019 00:00:00	♃	04°54'33" ♉	12°40'07"	-00°31'03"	-00°02'26"	18.840
21/10/2019 00:00:00	♃	16°18'20" ♈	-06°22'31"	-01°03'19"	-00°01'08"	29.176
21/10/2019 00:00:00	♃	20°42'40" ♈	-22°23'35"	-00°33'32"	00°00'31"	34.003
21/10/2019 00:00:00	♁	11°24'29" ♉	22°56'47"	00°00'00"	00°00'14"	0.003
21/10/2019 00:00:00	♃	02°36'50" ♈	03°56'46"	03°10'05"	-00°02'23"	17.907
21/10/2019 00:00:00	☾	18°59'26" ♈	-08°42'39"	-04°44'10"	00°06'42"	0.003
21/10/2019 00:00:00	♁	11°24'29" ♉	22°56'47"	00°00'00"	00°00'14"	0.003

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21/10/2019 00:00:00	T♄	16°18'33" ♀	01°45'35"	-05°02'11"	01°07'14"	0.003
21/10/2019 00:00:00	X	23°44'05" ♀	-01°52'03"	-11°54'10"	-00°00'35"	95.053
21/10/2019 00:00:00	Y	27°45'54" ♂	07°55'00"	-12°02'03"	-00°00'31"	83.849
22/10/2019 00:00:00	☉	28°17'10" ♀	-10°51'49"	00°00'00"	00°59'40"	0.995
22/10/2019 00:00:00	☾	04°19'34" ♀	21°05'28"	01°58'22"	13°51'10"	0.002
22/10/2019 00:00:00	♀	22°39'48" ♀	-21°19'36"	-02°59'31"	00°53'40"	0.976
22/10/2019 00:00:00	♀	16°30'52" ♀	-16°38'44"	00°07'56"	01°14'34"	1.601
22/10/2019 00:00:00	♂	11°30'31" ♀	-03°44'19"	00°52'58"	00°38'54"	2.578
22/10/2019 00:00:00	♃	21°30'20" ♀	-22°57'00"	00°12'51"	00°10'37"	5.788
22/10/2019 00:00:00	♅	14°49'36" ♀	-22°27'56"	00°08'49"	00°03'12"	10.226
22/10/2019 00:00:00	♁	04°52'07" ♂	12°39'18"	-00°31'03"	-00°02'26"	18.838
22/10/2019 00:00:00	♆	16°17'12" ♀	-06°22'57"	-01°03'18"	-00°01'07"	29.187
22/10/2019 00:00:00	♁	20°43'12" ♀	-22°23'34"	-00°33'37"	00°00'33"	34.021
22/10/2019 00:00:00	♁	11°24'28" ♀	22°56'47"	00°00'00"	-00°00'29"	0.003
22/10/2019 00:00:00	♁	02°34'27" ♀	03°55'41"	03°09'56"	-00°02'22"	17.914
22/10/2019 00:00:00	♁	19°06'08" ♀	-08°40'20"	-04°44'30"	00°06'42"	0.003
22/10/2019 00:00:00	T♁	11°24'28" ♀	22°56'47"	00°00'00"	-00°00'29"	0.003
22/10/2019 00:00:00	T♄	16°39'02" ♀	01°53'30"	-05°02'02"	-00°24'25"	0.003
22/10/2019 00:00:00	X	23°43'30" ♀	-01°52'14"	-11°54'07"	-00°00'35"	95.055

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22/10/2019 00:00:00	Y	27°45'22" ♄	07°54'49"	-12°02'07"	-00°00'31"	83.840
23/10/2019 00:00:00	☉	29°16'52" ♌	-11°13'01"	00°00'00"	00°59'43"	0.995
23/10/2019 00:00:00	♃	18°21'12" ♏	18°13'05"	03°02'34"	14°12'07"	0.002
23/10/2019 00:00:00	♀	23°31'45" ♍	-21°34'54"	-03°01'34"	00°50'10"	0.958
23/10/2019 00:00:00	♀	17°45'27" ♍	-17°02'15"	00°05'23"	01°14'34"	1.598
23/10/2019 00:00:00	♂	12°09'27" ♌	-03°59'47"	00°52'40"	00°38'56"	2.574
23/10/2019 00:00:00	♃	21°41'00" ♌	-22°57'48"	00°12'43"	00°10'43"	5.801
23/10/2019 00:00:00	♃	14°52'51" ♌	-22°27'40"	00°08'44"	00°03'17"	10.242
23/10/2019 00:00:00	♃	04°49'40" ♄	12°38'29"	-00°31'03"	-00°02'26"	18.836
23/10/2019 00:00:00	♃	16°16'06" ♃	-06°23'22"	-01°03'17"	-00°01'05"	29.199
23/10/2019 00:00:00	♃	20°43'46" ♌	-22°23'34"	-00°33'41"	00°00'35"	34.038
23/10/2019 00:00:00	♁	11°23'08" ♃	22°56'54"	00°00'00"	-00°02'19"	0.003
23/10/2019 00:00:00	♃	02°32'05" ♃	03°54'36"	03°09'47"	-00°02'20"	17.922
23/10/2019 00:00:00	♃	19°12'51" ♃	-08°38'00"	-04°44'51"	00°06'42"	0.003
23/10/2019 00:00:00	T♁	11°23'08" ♃	22°56'54"	00°00'00"	-00°02'19"	0.003
23/10/2019 00:00:00	T♃	15°37'14" ♃	01°29'45"	-05°02'17"	-01°33'44"	0.003
23/10/2019 00:00:00	X	23°42'54" ♃	-01°52'24"	-11°54'05"	-00°00'35"	95.056
23/10/2019 00:00:00	Y	27°44'50" ♄	07°54'39"	-12°02'11"	-00°00'32"	83.831
24/10/2019 00:00:00	☉	00°16'36" ♍	-11°34'03"	00°00'00"	00°59'45"	0.995

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24/10/2019 00:00:00	♃	02°43'26"	♈	14°10'56"	03°56'52"	14°31'56"	0.002
24/10/2019 00:00:00	♆	24°20'01"	♈	-21°48'25"	-03°02'58"	00°46'18"	0.939
24/10/2019 00:00:00	♀	19°00'01"	♈	-17°25'20"	00°02'50"	01°14'34"	1.594
24/10/2019 00:00:00	♂	12°48'23"	♈	-04°15'14"	00°52'21"	00°38'57"	2.571
24/10/2019 00:00:00	♃	21°51'46"	♈	-22°58'36"	00°12'36"	00°10'48"	5.813
24/10/2019 00:00:00	♄	14°56'11"	♈	-22°27'23"	00°08'38"	00°03'22"	10.258
24/10/2019 00:00:00	♅	04°47'13"	♈	12°37'40"	-00°31'02"	-00°02'27"	18.835
24/10/2019 00:00:00	♆	16°15'01"	♈	-06°23'46"	-01°03'16"	-00°01'04"	29.211
24/10/2019 00:00:00	♁	20°44'22"	♈	-22°23'33"	-00°33'46"	00°00'36"	34.056
24/10/2019 00:00:00	♁	11°19'34"	♈	22°57'12"	00°00'00"	-00°04'51"	0.003
24/10/2019 00:00:00	♂	02°29'46"	♈	03°53'32"	03°09'38"	-00°02'19"	17.931
24/10/2019 00:00:00	♁	19°19'34"	♈	-08°35'40"	-04°45'11"	00°06'42"	0.003
24/10/2019 00:00:00	♁	11°19'34"	♈	22°57'12"	00°00'00"	-00°04'51"	0.003
24/10/2019 00:00:00	♁	13°44'17"	♈	00°46'14"	-05°02'31"	-02°05'32"	0.003
24/10/2019 00:00:00	X	23°42'18"	♈	-01°52'34"	-11°54'02"	-00°00'35"	95.058
24/10/2019 00:00:00	Y	27°44'18"	♈	07°54'28"	-12°02'15"	-00°00'32"	83.822
25/10/2019 00:00:00	♁	01°16'22"	♈	-11°54'55"	00°00'00"	00°59'47"	0.995
25/10/2019 00:00:00	♃	17°23'49"	♈	09°13'27"	04°36'48"	14°47'58"	0.002
25/10/2019 00:00:00	♆	25°04'13"	♈	-22°00'02"	-03°03'42"	00°42'01"	0.919

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25/10/2019 00:00:00	♀	20°14'35" ♍	-17°47'58"	00°00'16"	01°14'34"	1.591
25/10/2019 00:00:00	♂	13°27'21" ♋	-04°30'40"	00°52'01"	00°38'58"	2.567
25/10/2019 00:00:00	♃	22°02'38" ♈	-22°59'23"	00°12'28"	00°10'54"	5.824
25/10/2019 00:00:00	♅	14°59'37" ♌	-22°27'06"	00°08'33"	00°03'27"	10.274
25/10/2019 00:00:00	♁	04°44'45" ♉	12°36'51"	-00°31'02"	-00°02'27"	18.834
25/10/2019 00:00:00	♆	16°13'57" ♊	-06°24'10"	-01°03'15"	-00°01'02"	29.223
25/10/2019 00:00:00	♄	20°45'00" ♈	-22°23'31"	-00°33'50"	00°00'38"	34.073
25/10/2019 00:00:00	♁	11°13'24" ♉	22°57'43"	00°00'00"	-00°07'26"	0.003
25/10/2019 00:00:00	♂	02°27'27" ♈	03°52'29"	03°09'29"	-00°02'17"	17.939
25/10/2019 00:00:00	♁	19°26'17" ♉	-08°33'20"	-04°45'32"	00°06'42"	0.003
25/10/2019 00:00:00	♁	11°13'24" ♉	22°57'43"	00°00'00"	-00°07'26"	0.003
25/10/2019 00:00:00	♁	11°37'39" ♈	-00°02'38"	-05°02'27"	-02°03'23"	0.003
25/10/2019 00:00:00	X	23°41'42" ♈	-01°52'44"	-11°53'59"	-00°00'35"	95.060
25/10/2019 00:00:00	Y	27°43'45" ♉	07°54'17"	-12°02'19"	-00°00'33"	83.814
26/10/2019 00:00:00	♁	02°16'11" ♍	-12°15'36"	00°00'00"	00°59'49"	0.994
26/10/2019 00:00:00	♁	02°17'10" ♋	03°39'32"	04°58'43"	14°57'25"	0.002
26/10/2019 00:00:00	♁	25°43'54" ♍	-22°09'39"	-03°03'38"	00°37'16"	0.900
26/10/2019 00:00:00	♀	21°29'10" ♍	-18°10'09"	-00°02'18"	01°14'34"	1.587
26/10/2019 00:00:00	♂	14°06'20" ♋	-04°46'04"	00°51'42"	00°38'59"	2.563

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26/10/2019 00:00:00	♃	22°13'35"	♏	-23°00'09"	00°12'21"	00°10'59"	5.836
26/10/2019 00:00:00	♅	15°03'07"	♌	-22°26'47"	00°08'27"	00°03'32"	10.290
26/10/2019 00:00:00	♁	04°42'17"	♈	12°36'02"	-00°31'02"	-00°02'27"	18.833
26/10/2019 00:00:00	♆	16°12'55"	♄	-06°24'33"	-01°03'14"	-00°01'01"	29.236
26/10/2019 00:00:00	♁	20°45'39"	♌	-22°23'30"	-00°33'55"	00°00'40"	34.091
26/10/2019 00:00:00	♁	11°04'50"	♈	22°58'26"	00°00'00"	-00°09'31"	0.003
26/10/2019 00:00:00	♆	02°25'11"	♄	03°51'26"	03°09'20"	-00°02'15"	17.948
26/10/2019 00:00:00	♁	19°32'59"	♄	-08°31'00"	-04°45'52"	00°06'42"	0.003
26/10/2019 00:00:00	♁	11°04'50"	♈	22°58'26"	00°00'00"	-00°09'31"	0.003
26/10/2019 00:00:00	♁	09°42'08"	♄	-00°47'20"	-05°02'10"	-01°47'17"	0.003
26/10/2019 00:00:00	X	23°41'06"	♄	-01°52'54"	-11°53'56"	-00°00'35"	95.063
26/10/2019 00:00:00	Y	27°43'12"	♈	07°54'07"	-12°02'23"	-00°00'33"	83.806
27/10/2019 00:00:00	♁	03°16'02"	♈	-12°36'05"	00°00'00"	00°59'51"	0.994
27/10/2019 00:00:00	♁	17°15'44"	♈	-02°08'57"	05°00'23"	14°58'08"	0.002
27/10/2019 00:00:00	♁	26°18'36"	♈	-22°17'05"	-03°02'44"	00°32'02"	0.881
27/10/2019 00:00:00	♁	22°43'44"	♈	-18°31'50"	-00°04'54"	01°14'34"	1.584
27/10/2019 00:00:00	♁	14°45'20"	♈	-05°01'26"	00°51'23"	00°39'00"	2.559
27/10/2019 00:00:00	♃	22°24'37"	♏	-23°00'55"	00°12'14"	00°11'05"	5.848
27/10/2019 00:00:00	♅	15°06'43"	♌	-22°26'29"	00°08'22"	00°03'38"	10.306

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27/10/2019 00:00:00	♃	04°39'50"	♏	12°35'13"	-00°31'01"	-00°02'28"	18.833
27/10/2019 00:00:00	♃	16°11'54"	♏	-06°24'56"	-01°03'13"	-00°00'59"	29.248
27/10/2019 00:00:00	♃	20°46'20"	♏	-22°23'28"	-00°33'59"	00°00'41"	34.108
27/10/2019 00:00:00	♁	10°54'42"	♏	22°59'16"	00°00'00"	-00°10'33"	0.003
27/10/2019 00:00:00	♃	02°22'56"	♏	03°50'24"	03°09'10"	-00°02'13"	17.957
27/10/2019 00:00:00	♁	19°39'42"	♏	-08°28'40"	-04°46'12"	00°06'42"	0.003
27/10/2019 00:00:00	♁	10°54'42"	♏	22°59'16"	00°00'00"	-00°10'33"	0.003
27/10/2019 00:00:00	♁	08°00'24"	♏	-01°26'53"	-05°01'51"	-01°38'47"	0.003
27/10/2019 00:00:00	X	23°40'31"	♏	-01°53'04"	-11°53'53"	-00°00'35"	95.065
27/10/2019 00:00:00	Y	27°42'38"	♏	07°53'56"	-12°02'27"	-00°00'33"	83.799
28/10/2019 00:00:00	♁	04°15'55"	♏	-12°56'23"	00°00'00"	00°59'53"	0.994
28/10/2019 00:00:00	♁	02°10'15"	♏	-07°48'53"	04°41'38"	14°49'17"	0.002
28/10/2019 00:00:00	♁	26°47'48"	♏	-22°22'12"	-03°00'53"	00°26'15"	0.861
28/10/2019 00:00:00	♁	23°58'19"	♏	-18°53'03"	-00°07'30"	01°14'34"	1.580
28/10/2019 00:00:00	♁	15°24'21"	♏	-05°16'47"	00°51'03"	00°39'01"	2.555
28/10/2019 00:00:00	♁	22°35'45"	♏	-23°01'40"	00°12'06"	00°11'10"	5.859
28/10/2019 00:00:00	♁	15°10'23"	♏	-22°26'09"	00°08'17"	00°03'43"	10.322
28/10/2019 00:00:00	♃	04°37'21"	♏	12°34'24"	-00°31'01"	-00°02'28"	18.833
28/10/2019 00:00:00	♃	16°10'55"	♏	-06°25'17"	-01°03'12"	-00°00'58"	29.261

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28/10/2019 00:00:00	♁	20°47'03" ♁	-22°23'26"	-00°34'04"	00°00'43"	34.126
28/10/2019 00:00:00	♁	10°44'10" ♁	23°00'08"	00°00'00"	-00°10'17"	0.003
28/10/2019 00:00:00	♁	02°20'44" ♁	03°49'22"	03°09'00"	-00°02'11"	17.966
28/10/2019 00:00:00	♁	19°46'24" ♁	-08°26'19"	-04°46'32"	00°06'42"	0.003
28/10/2019 00:00:00	♁	10°44'10" ♁	23°00'08"	00°00'00"	-00°10'17"	0.003
28/10/2019 00:00:00	♁	06°17'55" ♁	-02°06'55"	-05°01'33"	-01°49'42"	0.003
28/10/2019 00:00:00	X	23°39'55" ♁	-01°53'13"	-11°53'49"	-00°00'35"	95.068
28/10/2019 00:00:00	Y	27°42'04" ♁	07°53'46"	-12°02'30"	-00°00'33"	83.791
29/10/2019 00:00:00	♁	05°15'49" ♁	-13°16'29"	00°00'00"	00°59'55"	0.994
29/10/2019 00:00:00	♁	16°51'26" ♁	-12°57'40"	04°04'25"	14°31'47"	0.002
29/10/2019 00:00:00	♁	27°10'55" ♁	-22°24'48"	-02°58'00"	00°19'52"	0.842
29/10/2019 00:00:00	♁	25°12'53" ♁	-19°13'46"	-00°10'07"	01°14'34"	1.576
29/10/2019 00:00:00	♁	16°03'23" ♁	-05°32'06"	00°50'43"	00°39'02"	2.551
29/10/2019 00:00:00	♁	22°46'58" ♁	-23°02'24"	00°11'59"	00°11'15"	5.870
29/10/2019 00:00:00	♁	15°14'09" ♁	-22°25'49"	00°08'11"	00°03'48"	10.337
29/10/2019 00:00:00	♁	04°34'53" ♁	12°33'34"	-00°31'00"	-00°02'27"	18.833
29/10/2019 00:00:00	♁	16°09'58" ♁	-06°25'39"	-01°03'11"	-00°00'56"	29.274
29/10/2019 00:00:00	♁	20°47'48" ♁	-22°23'24"	-00°34'08"	00°00'45"	34.143
29/10/2019 00:00:00	♁	10°34'30" ♁	23°00'54"	00°00'00"	-00°08'50"	0.003



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29/10/2019 00:00:00	♄	02°18'33" ♏	03°48'21"	03°08'51"	-00°02'09"	17.976
29/10/2019 00:00:00	♁	19°53'07" ♏	-08°23'58"	-04°46'52"	00°06'42"	0.003
29/10/2019 00:00:00	♁	10°34'30" ♏	23°00'54"	00°00'00"	-00°08'50"	0.003
29/10/2019 00:00:00	♁	04°14'43" ♏	-02°55'09"	-05°01'05"	-02°19'02"	0.003
29/10/2019 00:00:00	X	23°39'20" ♏	-01°53'23"	-11°53'46"	-00°00'35"	95.072
29/10/2019 00:00:00	Y	27°41'30" ♏	07°53'35"	-12°02'33"	-00°00'34"	83.784
30/10/2019 00:00:00	♁	06°15'46" ♏	-13°36'23"	00°00'00"	00°59'57"	0.993
30/10/2019 00:00:00	♁	01°11'41" ♏	-17°15'23"	03°12'22"	14°07'54"	0.002
30/10/2019 00:00:00	♁	27°27'22" ♏	-22°24'43"	-02°53'59"	00°12'54"	0.822
30/10/2019 00:00:00	♁	26°27'27" ♏	-19°33'57"	-00°12'43"	01°14'34"	1.573
30/10/2019 00:00:00	♁	16°42'26" ♏	-05°47'23"	00°50'23"	00°39'03"	2.547
30/10/2019 00:00:00	♁	22°58'17" ♏	-23°03'07"	00°11'52"	00°11'21"	5.881
30/10/2019 00:00:00	♁	15°18'00" ♏	-22°25'28"	00°08'06"	00°03'53"	10.353
30/10/2019 00:00:00	♁	04°32'26" ♏	12°32'45"	-00°31'00"	-00°02'27"	18.834
30/10/2019 00:00:00	♁	16°09'02" ♏	-06°25'59"	-01°03'10"	-00°00'54"	29.287
30/10/2019 00:00:00	♁	20°48'34" ♏	-22°23'21"	-00°34'13"	00°00'47"	34.160
30/10/2019 00:00:00	♁	10°26'45" ♏	23°01'30"	00°00'00"	-00°06'32"	0.003
30/10/2019 00:00:00	♁	02°16'25" ♏	03°47'21"	03°08'41"	-00°02'07"	17.986
30/10/2019 00:00:00	♁	19°59'50" ♏	-08°21'38"	-04°47'11"	00°06'42"	0.003

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30/10/2019 00:00:00	T♄	10°26'45" ♉	23°01'30"	00°00'00"	-00°06'32"	0.003
30/10/2019 00:00:00	T♄	01°37'41" ♉	-03°56'23"	-05°00'00"	-02°54'36"	0.003
30/10/2019 00:00:00	X	23°38'44" ♉	-01°53'32"	-11°53'42"	-00°00'35"	95.075
30/10/2019 00:00:00	Y	27°40'56" ♉	07°53'25"	-12°02'37"	-00°00'34"	83.777
31/10/2019 00:00:00	♁	07°15'45" ♉	-13°56'03"	00°00'00"	00°59'59"	0.993
31/10/2019 00:00:00	♂	15°06'09" ♉	-20°26'54"	02°10'06"	13°40'42"	0.003
31/10/2019 00:00:00	♀	27°36'31" ♉	-22°21'42"	-02°48'43"	00°05'18"	0.803
31/10/2019 00:00:00	♀	27°42'01" ♉	-19°53'37"	-00°15'20"	01°14'33"	1.569
31/10/2019 00:00:00	♂	17°21'31" ♉	-06°02'38"	00°50'02"	00°39'04"	2.543
31/10/2019 00:00:00	♂	23°09'40" ♉	-23°03'50"	00°11'44"	00°11'26"	5.892
31/10/2019 00:00:00	♃	15°21'55" ♉	-22°25'06"	00°08'01"	00°03'58"	10.368
31/10/2019 00:00:00	♃	04°29'58" ♉	12°31'56"	-00°30'59"	-00°02'27"	18.834
31/10/2019 00:00:00	♃	16°08'09" ♉	-06°26'19"	-01°03'09"	-00°00'52"	29.301
31/10/2019 00:00:00	♃	20°49'22" ♉	-22°23'18"	-00°34'17"	00°00'49"	34.177
31/10/2019 00:00:00	♁	10°21'31" ♉	23°01'55"	00°00'00"	-00°03'55"	0.003
31/10/2019 00:00:00	♃	02°14'18" ♉	03°46'21"	03°08'30"	-00°02'05"	17.996
31/10/2019 00:00:00	♃	20°06'33" ♉	-08°19'16"	-04°47'31"	00°06'42"	0.003
31/10/2019 00:00:00	T♄	10°21'31" ♉	23°01'55"	00°00'00"	-00°03'55"	0.003
31/10/2019 00:00:00	T♄	28°29'28" ♉	-05°09'12"	-04°57'50"	-03°18'22"	0.003

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31/10/2019 00:00:00	X	23°38'09" ♄	-01°53'41"	-11°53'38"	-00°00'34"	95.079
31/10/2019 00:00:00	Y	27°40'21" ♄	07°53'14"	-12°02'40"	-00°00'34"	83.771
01/11/2019 00:00:00	☉	08°15'45" ♍	-14°15'31"	-00°00'00"	01°00'01"	0.993
01/11/2019 00:00:00	☾	28°33'00" ♋	-22°23'21"	01°02'20"	13°13'10"	0.003
01/11/2019 00:00:00	♀	27°37'46" ♍	-22°15'32"	-02°42'05"	-00°02'54"	0.785
01/11/2019 00:00:00	♀	28°56'35" ♍	-20°12'45"	-00°17'57"	01°14'33"	1.565
01/11/2019 00:00:00	♂	18°00'36" ♌	-06°17'51"	00°49'42"	00°39'05"	2.539
01/11/2019 00:00:00	♃	23°21'09" ♋	-23°04'32"	00°11'37"	00°11'31"	5.903
01/11/2019 00:00:00	♅	15°25'56" ♌	-22°24'44"	00°07'55"	00°04'02"	10.384
01/11/2019 00:00:00	♁	04°27'30" ♄	12°31'07"	-00°30'59"	-00°02'27"	18.835
01/11/2019 00:00:00	♃	16°07'17" ♋	-06°26'38"	-01°03'07"	-00°00'51"	29.315
01/11/2019 00:00:00	♁	20°50'12" ♌	-22°23'15"	-00°34'22"	00°00'50"	34.194
01/11/2019 00:00:00	♁	10°18'49" ♄	23°02'07"	00°00'00"	-00°01'33"	0.003
01/11/2019 00:00:00	♃	02°12'14" ♄	03°45'23"	03°08'20"	-00°02'03"	18.006
01/11/2019 00:00:00	♁	20°13'16" ♋	-08°16'55"	-04°47'50"	00°06'42"	0.003
01/11/2019 00:00:00	T♁	10°18'49" ♄	23°02'07"	00°00'00"	-00°01'33"	0.003
01/11/2019 00:00:00	T♃	25°09'48" ♋	-06°25'30"	-04°54'27"	-03°16'01"	0.003
01/11/2019 00:00:00	X	23°37'35" ♄	-01°53'50"	-11°53'34"	-00°00'34"	95.083
01/11/2019 00:00:00	Y	27°39'46" ♄	07°53'04"	-12°02'43"	-00°00'34"	83.765

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02/11/2019 00:00:00	☉	09°15'47" ♍	-14°34'44"	-00°00'00"	01°00'02"	0.992
02/11/2019 00:00:00	☾	11°33'14" ♎	-23°02'41"	-00°06'41"	12°47'48"	0.003
02/11/2019 00:00:00	♀	27°30'30" ♍	-22°06'00"	-02°34'00"	-00°11'41"	0.767
02/11/2019 00:00:00	♀	00°11'08" ♎	-20°31'20"	-00°20'34"	01°14'33"	1.562
02/11/2019 00:00:00	♂	18°39'43" ♎	-06°33'02"	00°49'21"	00°39'06"	2.535
02/11/2019 00:00:00	♃	23°32'42" ♎	-23°05'14"	00°11'30"	00°11'35"	5.914
02/11/2019 00:00:00	♄	15°30'01" ♎	-22°24'21"	00°07'50"	00°04'07"	10.399
02/11/2019 00:00:00	♅	04°25'03" ♎	12°30'18"	-00°30'58"	-00°02'27"	18.837
02/11/2019 00:00:00	♆	16°06'26" ♎	-06°26'57"	-01°03'06"	-00°00'49"	29.328
02/11/2019 00:00:00	♇	20°51'04" ♎	-22°23'11"	-00°34'26"	00°00'52"	34.211
02/11/2019 00:00:00	♈	10°18'10" ♍	23°02'10"	00°00'00"	00°00'07"	0.002
02/11/2019 00:00:00	♉	02°10'12" ♎	03°44'24"	03°08'10"	-00°02'00"	18.017
02/11/2019 00:00:00	♊	20°19'59" ♎	-08°14'34"	-04°48'09"	00°06'42"	0.003
02/11/2019 00:00:00	♋	10°18'10" ♍	23°02'10"	00°00'00"	00°00'07"	0.002
02/11/2019 00:00:00	♌	22°06'43" ♎	-07°34'25"	-04°50'24"	-02°46'13"	0.003
02/11/2019 00:00:00	X	23°37'00" ♎	-01°53'58"	-11°53'30"	-00°00'34"	95.088
02/11/2019 00:00:00	Y	27°39'11" ♎	07°52'54"	-12°02'45"	-00°00'35"	83.759
03/11/2019 00:00:00	☉	10°15'51" ♍	-14°53'44"	-00°00'00"	01°00'04"	0.992
03/11/2019 00:00:00	☾	24°09'55" ♎	-22°28'55"	-01°13'26"	12°26'18"	0.003

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03/11/2019 00:00:00	♀	27°14'14" ♍	-21°52'52"	-02°24'22"	-00°20'56"	0.750
03/11/2019 00:00:00	♀	01°25'42" ♈	-20°49'21"	-00°23'11"	01°14'32"	1.558
03/11/2019 00:00:00	♂	19°18'50" ♋	-06°48'10"	00°49'00"	00°39'08"	2.531
03/11/2019 00:00:00	♋	23°44'21" ♈	-23°05'54"	00°11'23"	00°11'40"	5.924
03/11/2019 00:00:00	♌	15°34'11" ♉	-22°23'58"	00°07'45"	00°04'12"	10.414
03/11/2019 00:00:00	♍	04°22'36" ♊	12°29'29"	-00°30'58"	-00°02'26"	18.839
03/11/2019 00:00:00	♎	16°05'38" ♋	-06°27'14"	-01°03'05"	-00°00'47"	29.342
03/11/2019 00:00:00	♏	20°51'57" ♉	-22°23'08"	-00°34'31"	00°00'54"	34.228
03/11/2019 00:00:00	♐	10°18'44" ♏	23°02'08"	00°00'00"	00°00'49"	0.002
03/11/2019 00:00:00	♑	02°08'12" ♏	03°43'27"	03°07'59"	-00°01'58"	18.028
03/11/2019 00:00:00	♒	20°26'42" ♋	-08°12'12"	-04°48'28"	00°06'42"	0.003
03/11/2019 00:00:00	T♏	10°18'44" ♏	23°02'08"	00°00'00"	00°00'49"	0.002
03/11/2019 00:00:00	T♒	19°42'47" ♋	-08°27'45"	-04°46'31"	-02°00'15"	0.003
03/11/2019 00:00:00	X	23°36'26" ♏	-01°54'07"	-11°53'26"	-00°00'34"	95.093
03/11/2019 00:00:00	Y	27°38'36" ♊	07°52'44"	-12°02'48"	-00°00'35"	83.753
04/11/2019 00:00:00	♈	11°15'56" ♍	-15°12'28"	-00°00'00"	01°00'05"	0.992
04/11/2019 00:00:00	♄	06°27'28" ♋	-20°50'11"	-02°15'09"	12°09'38"	0.003
04/11/2019 00:00:00	♀	26°48'31" ♍	-21°35'54"	-02°13'05"	-00°30'30"	0.734
04/11/2019 00:00:00	♀	02°40'14" ♈	-21°06'47"	-00°25'48"	01°14'32"	1.554

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04/11/2019 00:00:00	♂	19°57'59" ♄	-07°03'15"	00°48'39"	00°39'09"	2.526
04/11/2019 00:00:00	♃	23°56'03" ♄	-23°06'34"	00°11'16"	00°11'45"	5.935
04/11/2019 00:00:00	♃	15°38'26" ♄	-22°23'33"	00°07'40"	00°04'16"	10.429
04/11/2019 00:00:00	♃	04°20'09" ♄	12°28'40"	-00°30'57"	-00°02'26"	18.841
04/11/2019 00:00:00	♃	16°04'51" ♃	-06°27'31"	-01°03'04"	-00°00'46"	29.357
04/11/2019 00:00:00	♃	20°52'52" ♄	-22°23'04"	-00°34'35"	00°00'55"	34.245
04/11/2019 00:00:00	♁	10°19'28" ♃	23°02'04"	00°00'00"	00°00'27"	0.002
04/11/2019 00:00:00	♃	02°06'14" ♃	03°42'30"	03°07'48"	-00°01'56"	18.039
04/11/2019 00:00:00	♃	20°33'25" ♃	-08°09'50"	-04°48'47"	00°06'42"	0.003
04/11/2019 00:00:00	♁	10°19'28" ♃	23°02'04"	00°00'00"	00°00'27"	0.002
04/11/2019 00:00:00	♃	18°06'29" ♃	-09°02'55"	-04°43'33"	-01°13'16"	0.003
04/11/2019 00:00:00	X	23°35'51" ♃	-01°54'15"	-11°53'22"	-00°00'34"	95.098
04/11/2019 00:00:00	Y	27°38'00" ♄	07°52'34"	-12°02'50"	-00°00'35"	83.747
05/11/2019 00:00:00	♁	12°16'03" ♃	-15°30'58"	-00°00'00"	01°00'07"	0.992
05/11/2019 00:00:00	♁	18°30'58" ♃	-18°16'43"	-03°09'37"	11°58'14"	0.003
05/11/2019 00:00:00	♃	26°13'10" ♃	-21°14'59"	-02°00'08"	-00°40'11"	0.719
05/11/2019 00:00:00	♀	03°54'47" ♄	-21°23'38"	-00°28'24"	01°14'32"	1.550
05/11/2019 00:00:00	♂	20°37'08" ♄	-07°18'19"	00°48'18"	00°39'10"	2.522
05/11/2019 00:00:00	♃	24°07'51" ♄	-23°07'13"	00°11'09"	00°11'49"	5.945

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05/11/2019 00:00:00	♃	15°42'45" ♍	-22°23'08"	00°07'34"	00°04'21"	10.444
05/11/2019 00:00:00	♃	04°17'43" ♏	12°27'52"	-00°30'56"	-00°02'26"	18.843
05/11/2019 00:00:00	♃	16°04'06" ♏	-06°27'48"	-01°03'02"	-00°00'44"	29.371
05/11/2019 00:00:00	♃	20°53'48" ♍	-22°22'59"	-00°34'40"	00°00'57"	34.262
05/11/2019 00:00:00	♃	10°19'20" ♏	23°02'05"	00°00'00"	-00°00'51"	0.002
05/11/2019 00:00:00	♃	02°04'19" ♏	03°41'35"	03°07'37"	-00°01'54"	18.050
05/11/2019 00:00:00	♃	20°40'07" ♏	-08°07'28"	-04°49'06"	00°06'42"	0.003
05/11/2019 00:00:00	♃	10°19'20" ♏	23°02'05"	00°00'00"	-00°00'51"	0.002
05/11/2019 00:00:00	♃	17°12'43" ♏	-09°22'19"	-04°41'43"	-00°36'37"	0.003
05/11/2019 00:00:00	X	23°35'17" ♏	-01°54'23"	-11°53'18"	-00°00'34"	95.103
05/11/2019 00:00:00	Y	27°37'24" ♏	07°52'24"	-12°02'53"	-00°00'36"	83.742
06/11/2019 00:00:00	♃	13°16'11" ♏	-15°49'12"	-00°00'00"	01°00'09"	0.991
06/11/2019 00:00:00	♃	00°25'41" ♏	-14°58'59"	-03°55'08"	11°52'01"	0.003
06/11/2019 00:00:00	♃	25°28'12" ♏	-20°50'01"	-01°45'30"	-00°49'40"	0.706
06/11/2019 00:00:00	♃	05°09'19" ♏	-21°39'53"	-00°30'59"	01°14'31"	1.546
06/11/2019 00:00:00	♃	21°16'19" ♏	-07°33'19"	00°47'56"	00°39'11"	2.517
06/11/2019 00:00:00	♃	24°19'43" ♏	-23°07'51"	00°11'02"	00°11'53"	5.955
06/11/2019 00:00:00	♃	15°47'09" ♍	-22°22'43"	00°07'29"	00°04'25"	10.459
06/11/2019 00:00:00	♃	04°15'17" ♏	12°27'03"	-00°30'56"	-00°02'25"	18.846

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06/11/2019 00:00:00	♁	16°03'22"	♏	-06°28'03"	-01°03'01"	-00°00'42"	29.386
06/11/2019 00:00:00	♂	20°54'46"	♏	-22°22'55"	-00°34'44"	00°00'58"	34.278
06/11/2019 00:00:00	♁	10°17'31"	♏	23°02'13"	00°00'00"	-00°02'52"	0.002
06/11/2019 00:00:00	♁	02°02'26"	♏	03°40'40"	03°07'26"	-00°01'51"	18.062
06/11/2019 00:00:00	♁	20°46'50"	♏	-08°05'06"	-04°49'24"	00°06'42"	0.003
06/11/2019 00:00:00	T♁	10°17'31"	♏	23°02'13"	00°00'00"	-00°02'52"	0.002
06/11/2019 00:00:00	T♁	16°47'55"	♏	-09°31'09"	-04°40'46"	-00°15'48"	0.003
06/11/2019 00:00:00	X	23°34'43"	♏	-01°54'31"	-11°53'13"	-00°00'33"	95.109
06/11/2019 00:00:00	Y	27°36'48"	♏	07°52'15"	-12°02'55"	-00°00'36"	83.737
07/11/2019 00:00:00	♁	14°16'21"	♏	-16°07'11"	-00°00'00"	01°00'10"	0.991
07/11/2019 00:00:00	♁	12°16'37"	♏	-11°06'49"	-04°30'16"	11°50'36"	0.003
07/11/2019 00:00:00	♁	24°34'00"	♏	-20°21'04"	-01°29'14"	-00°58'35"	0.695
07/11/2019 00:00:00	♁	06°23'50"	♏	-21°55'31"	-00°33'34"	01°14'31"	1.542
07/11/2019 00:00:00	♁	21°55'30"	♏	-07°48'16"	00°47'34"	00°39'12"	2.513
07/11/2019 00:00:00	♁	24°31'39"	♏	-23°08'28"	00°10'55"	00°11'58"	5.965
07/11/2019 00:00:00	♁	15°51'37"	♏	-22°22'16"	00°07'24"	00°04'30"	10.473
07/11/2019 00:00:00	♁	04°12'52"	♏	12°26'15"	-00°30'55"	-00°02'24"	18.849
07/11/2019 00:00:00	♁	16°02'41"	♏	-06°28'18"	-01°03'00"	-00°00'40"	29.400
07/11/2019 00:00:00	♁	20°55'46"	♏	-22°22'50"	-00°34'49"	00°01'00"	34.295



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07/11/2019 00:00:00	♏	10°13'29"	♍	23°02'32"	00°00'00"	-00°05'12"	0.002
07/11/2019 00:00:00	♋	02°00'35"	♏	03°39'45"	03°07'15"	-00°01'49"	18.074
07/11/2019 00:00:00	♌	20°53'33"	♏	-08°02'44"	-04°49'43"	00°06'42"	0.003
07/11/2019 00:00:00	♏	10°13'29"	♍	23°02'32"	00°00'00"	-00°05'12"	0.002
07/11/2019 00:00:00	♏	16°35'39"	♏	-09°35'29"	-04°40'15"	-00°11'14"	0.003
07/11/2019 00:00:00	X	23°34'09"	♏	-01°54'39"	-11°53'08"	-00°00'33"	95.114
07/11/2019 00:00:00	Y	27°36'12"	♏	07°52'05"	-12°02'57"	-00°00'36"	83.733
08/11/2019 00:00:00	♏	15°16'32"	♏	-16°24'53"	-00°00'00"	01°00'12"	0.991
08/11/2019 00:00:00	♏	24°08'18"	♏	-06°49'19"	-04°53'48"	11°53'23"	0.003
08/11/2019 00:00:00	♏	23°31'20"	♏	-19°48'18"	-01°11'29"	-01°06'31"	0.686
08/11/2019 00:00:00	♏	07°38'21"	♏	-22°10'33"	-00°36'09"	01°14'30"	1.538
08/11/2019 00:00:00	♏	22°34'43"	♏	-08°03'11"	00°47'13"	00°39'13"	2.508
08/11/2019 00:00:00	♏	24°43'39"	♏	-23°09'04"	00°10'48"	00°12'02"	5.974
08/11/2019 00:00:00	♏	15°56'09"	♏	-22°21'49"	00°07'19"	00°04'34"	10.488
08/11/2019 00:00:00	♏	04°10'27"	♏	12°25'27"	-00°30'54"	-00°02'24"	18.852
08/11/2019 00:00:00	♏	16°02'01"	♏	-06°28'32"	-01°02'58"	-00°00'38"	29.415
08/11/2019 00:00:00	♏	20°56'47"	♏	-22°22'45"	-00°34'53"	00°01'01"	34.311
08/11/2019 00:00:00	♏	10°07'08"	♏	23°03'01"	00°00'00"	-00°07'26"	0.002
08/11/2019 00:00:00	♏	01°58'47"	♏	03°38'52"	03°07'04"	-00°01'46"	18.086

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08/11/2019 00:00:00	☾	21°00'16" ♈	-08°00'22"	-04°50'01"	00°06'42"	0.003
08/11/2019 00:00:00	♁	10°07'08" ♉	23°03'01"	00°00'00"	-00°07'26"	0.002
08/11/2019 00:00:00	♁	16°21'17" ♈	-09°40'38"	-04°39'46"	-00°18'57"	0.003
08/11/2019 00:00:00	X	23°33'36" ♈	-01°54'46"	-11°53'04"	-00°00'33"	95.121
08/11/2019 00:00:00	Y	27°35'35" ♉	07°51'56"	-12°02'59"	-00°00'36"	83.729
09/11/2019 00:00:00	☉	16°16'45" ♎	-16°42'18"	-00°00'00"	01°00'13"	0.991
09/11/2019 00:00:00	☾	06°04'32" ♈	-02°15'06"	-05°04'43"	11°59'33"	0.003
09/11/2019 00:00:00	♀	22°21'26" ♎	-19°12'08"	-00°52'29"	-01°13'00"	0.680
09/11/2019 00:00:00	♀	08°52'52" ♈	-22°24'56"	-00°38'42"	01°14'30"	1.534
09/11/2019 00:00:00	♂	23°13'57" ♎	-08°18'03"	00°46'50"	00°39'14"	2.504
09/11/2019 00:00:00	♃	24°55'44" ♈	-23°09'39"	00°10'41"	00°12'06"	5.984
09/11/2019 00:00:00	♃	16°00'46" ♉	-22°21'22"	00°07'14"	00°04'39"	10.502
09/11/2019 00:00:00	♃	04°08'03" ♉	12°24'39"	-00°30'53"	-00°02'23"	18.856
09/11/2019 00:00:00	♃	16°01'23" ♈	-06°28'46"	-01°02'57"	-00°00'37"	29.430
09/11/2019 00:00:00	♃	20°57'50" ♉	-22°22'40"	-00°34'58"	00°01'03"	34.327
09/11/2019 00:00:00	♁	09°58'46" ♉	23°03'39"	00°00'00"	-00°09'10"	0.003
09/11/2019 00:00:00	♃	01°57'02" ♈	03°38'00"	03°06'53"	-00°01'44"	18.098
09/11/2019 00:00:00	☾	21°06'59" ♈	-07°57'59"	-04°50'19"	00°06'42"	0.003
09/11/2019 00:00:00	♁	09°58'46" ♉	23°03'39"	00°00'00"	-00°09'10"	0.003

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09/11/2019 00:00:00	T♄	15°56'32" ♉	-09°49'40"	-04°39'03"	-00°30'08"	0.003
09/11/2019 00:00:00	X	23°33'02" ♉	-01°54'53"	-11°52'59"	-00°00'33"	95.127
09/11/2019 00:00:00	Y	27°34'59" ♉	07°51'46"	-12°03'01"	-00°00'36"	83.725
10/11/2019 00:00:00	☉	17°16'59" ♉	-16°59'27"	-00°00'00"	01°00'15"	0.990
10/11/2019 00:00:00	☾	18°08'16" ♉	02°27'04"	-05°02'15"	12°08'15"	0.003
10/11/2019 00:00:00	♀	21°05'58" ♉	-18°33'13"	-00°32'30"	-01°17'34"	0.676
10/11/2019 00:00:00	♀	10°07'22" ♉	-22°38'40"	-00°41'15"	01°14'29"	1.530
10/11/2019 00:00:00	♂	23°53'12" ♉	-08°32'51"	00°46'28"	00°39'15"	2.499
10/11/2019 00:00:00	♃	25°07'52" ♉	-23°10'13"	00°10'34"	00°12'10"	5.993
10/11/2019 00:00:00	♅	16°05'28" ♉	-22°20'53"	00°07'09"	00°04'43"	10.517
10/11/2019 00:00:00	♁	04°05'40" ♉	12°23'52"	-00°30'53"	-00°02'22"	18.859
10/11/2019 00:00:00	♃	16°00'47" ♉	-06°28'59"	-01°02'56"	-00°00'35"	29.445
10/11/2019 00:00:00	♁	20°58'54" ♉	-22°22'35"	-00°35'02"	00°01'05"	34.344
10/11/2019 00:00:00	♁	09°49'02" ♉	23°04'22"	00°00'00"	-00°10'07"	0.003
10/11/2019 00:00:00	♁	01°55'18" ♉	03°37'08"	03°06'41"	-00°01'41"	18.110
10/11/2019 00:00:00	♁	21°13'41" ♉	-07°55'36"	-04°50'37"	00°06'42"	0.003
10/11/2019 00:00:00	T♁	09°49'02" ♉	23°04'22"	00°00'00"	-00°10'07"	0.003
10/11/2019 00:00:00	T♄	15°24'19" ♉	-10°01'30"	-04°38'16"	-00°31'17"	0.003
10/11/2019 00:00:00	X	23°32'29" ♉	-01°55'01"	-11°52'54"	-00°00'32"	95.134

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10/11/2019 00:00:00	Y	27°34'22"	♍	07°51'37"	-12°03'02"	-00°00'36"	83.721
11/11/2019 00:00:00	☉	18°17'15"	♍	-17°16'18"	-00°00'00"	01°00'16"	0.990
11/11/2019 00:00:00	☾	00°21'36"	♍	07°07'39"	-04°46'02"	12°18'36"	0.003
11/11/2019 00:00:00	♀	19°47'03"	♍	-17°52'22"	-00°11'58"	-01°19'51"	0.675
11/11/2019 00:00:00	♀	11°21'51"	♂	-22°51'46"	-00°43'46"	01°14'29"	1.526
11/11/2019 00:00:00	♂	24°32'28"	♄	-08°47'37"	00°46'06"	00°39'16"	2.494
11/11/2019 00:00:00	♃	25°20'05"	♂	-23°10'46"	00°10'27"	00°12'14"	6.002
11/11/2019 00:00:00	♅	16°10'13"	♁	-22°20'24"	00°07'04"	00°04'47"	10.531
11/11/2019 00:00:00	♁	04°03'18"	♍	12°23'05"	-00°30'52"	-00°02'21"	18.864
11/11/2019 00:00:00	♃	16°00'13"	♁	-06°29'11"	-01°02'54"	-00°00'33"	29.461
11/11/2019 00:00:00	♁	21°00'00"	♁	-22°22'29"	-00°35'07"	00°01'06"	34.360
11/11/2019 00:00:00	♁	09°38'50"	♁	23°05'07"	00°00'00"	-00°10'07"	0.003
11/11/2019 00:00:00	♃	01°53'38"	♁	03°36'17"	03°06'30"	-00°01'39"	18.123
11/11/2019 00:00:00	♀	21°20'24"	♁	-07°53'13"	-04°50'55"	00°06'42"	0.003
11/11/2019 00:00:00	T♁	09°38'50"	♁	23°05'07"	00°00'00"	-00°10'07"	0.003
11/11/2019 00:00:00	T♃	15°02'18"	♁	-10°09'52"	-04°38'03"	-00°07'33"	0.003
11/11/2019 00:00:00	X	23°31'57"	♁	-01°55'08"	-11°52'48"	-00°00'32"	95.141
11/11/2019 00:00:00	Y	27°33'45"	♍	07°51'28"	-12°03'04"	-00°00'37"	83.717
12/11/2019 00:00:00	☉	19°17'33"	♍	-17°32'51"	-00°00'00"	01°00'18"	0.990

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12/11/2019 00:00:00	♃	12°45'46" ♉	11°35'42"	-04°16'08"	12°29'48"	0.003
12/11/2019 00:00:00	♆	18°27'07" ♎	-17°10'40"	00°08'41"	-01°19'36"	0.677
12/11/2019 00:00:00	♀	12°36'20" ♈	-23°04'12"	-00°46'16"	01°14'29"	1.522
12/11/2019 00:00:00	♂	25°11'45" ♋	-09°02'19"	00°45'43"	00°39'17"	2.489
12/11/2019 00:00:00	♂	25°32'22" ♈	-23°11'18"	00°10'21"	00°12'18"	6.011
12/11/2019 00:00:00	♁	16°15'03" ♋	-22°19'54"	00°06'59"	00°04'51"	10.545
12/11/2019 00:00:00	♁	04°00'56" ♉	12°22'18"	-00°30'51"	-00°02'20"	18.868
12/11/2019 00:00:00	♃	15°59'40" ♈	-06°29'22"	-01°02'53"	-00°00'31"	29.476
12/11/2019 00:00:00	♁	21°01'07" ♋	-22°22'23"	-00°35'11"	00°01'08"	34.375
12/11/2019 00:00:00	♁	09°29'08" ♉	23°05'49"	00°00'00"	-00°09'09"	0.003
12/11/2019 00:00:00	♂	01°52'00" ♈	03°35'28"	03°06'18"	-00°01'36"	18.136
12/11/2019 00:00:00	♁	21°27'07" ♈	-07°50'50"	-04°51'13"	00°06'42"	0.003
12/11/2019 00:00:00	♁	09°29'08" ♉	23°05'49"	00°00'00"	-00°09'09"	0.003
12/11/2019 00:00:00	♁	15°20'29" ♈	-10°04'06"	-04°39'28"	00°49'33"	0.003
12/11/2019 00:00:00	X	23°31'24" ♈	-01°55'14"	-11°52'43"	-00°00'32"	95.148
12/11/2019 00:00:00	Y	27°33'08" ♉	07°51'19"	-12°03'05"	-00°00'37"	83.714
13/11/2019 00:00:00	♁	20°17'53" ♎	-17°49'07"	-00°00'00"	01°00'20"	0.990
13/11/2019 00:00:00	♃	25°21'19" ♉	15°38'41"	-03°33'20"	12°41'16"	0.003
13/11/2019 00:00:00	♆	17°08'43" ♎	-16°29'16"	00°29'00"	-01°16'44"	0.682

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13/11/2019 00:00:00	♀	13°50'49" ♄	-23°15'58"	-00°48'45"	01°14'28"	1.518
13/11/2019 00:00:00	♂	25°51'04" ♁	-09°16'57"	00°45'20"	00°39'19"	2.485
13/11/2019 00:00:00	♃	25°44'43" ♄	-23°11'49"	00°10'14"	00°12'22"	6.020
13/11/2019 00:00:00	♅	16°19'57" ♄	-22°19'24"	00°06'54"	00°04'56"	10.558
13/11/2019 00:00:00	♁	03°58'36" ♄	12°21'31"	-00°30'50"	-00°02'19"	18.873
13/11/2019 00:00:00	♃	15°59'10" ♃	-06°29'32"	-01°02'51"	-00°00'29"	29.492
13/11/2019 00:00:00	♁	21°02'16" ♄	-22°22'17"	-00°35'16"	00°01'09"	34.391
13/11/2019 00:00:00	♁	09°20'48" ♃	23°06'24"	00°00'00"	-00°07'23"	0.003
13/11/2019 00:00:00	♃	01°50'25" ♃	03°34'39"	03°06'06"	-00°01'33"	18.149
13/11/2019 00:00:00	♃	21°33'50" ♃	-07°48'27"	-04°51'30"	00°06'42"	0.003
13/11/2019 00:00:00	T♁	09°20'48" ♃	23°06'24"	00°00'00"	-00°07'23"	0.003
13/11/2019 00:00:00	T♃	16°51'09" ♃	-09°32'25"	-04°43'31"	02°15'26"	0.003
13/11/2019 00:00:00	X	23°30'52" ♃	-01°55'21"	-11°52'38"	-00°00'31"	95.156
13/11/2019 00:00:00	Y	27°32'30" ♄	07°51'10"	-12°03'06"	-00°00'37"	83.712
14/11/2019 00:00:00	♁	21°18'14" ♃	-18°05'03"	-00°00'00"	01°00'22"	0.989
14/11/2019 00:00:00	♃	08°08'18" ♃	19°02'33"	-02°39'08"	12°52'39"	0.003
14/11/2019 00:00:00	♃	15°54'28" ♃	-15°49'25"	00°48'31"	-01°11'23"	0.691
14/11/2019 00:00:00	♀	15°05'18" ♄	-23°27'02"	o-00°51'13"	01°14'28"	1.514
14/11/2019 00:00:00	♂	26°30'24" ♁	-09°31'33"	00°44'57"	00°39'20"	2.480

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14/11/2019 00:00:00	♃	25°57'07" ♄	-23°12'19"	00°10'07"	00°12'26"	6.029
14/11/2019 00:00:00	♅	16°24'55" ♁	-22°18'53"	00°06'49"	00°05'00"	10.572
14/11/2019 00:00:00	♆	03°56'16" ♁	12°20'45"	-00°30'49"	-00°02'18"	18.878
14/11/2019 00:00:00	♆	15°58'42" ♃	-06°29'42"	-01°02'50"	-00°00'27"	29.507
14/11/2019 00:00:00	♁	21°03'27" ♁	-22°22'10"	-00°35'20"	00°01'11"	34.407
14/11/2019 00:00:00	♁	09°14'32" ♁	23°06'50"	00°00'00"	-00°05'06"	0.003
14/11/2019 00:00:00	♁	01°48'52" ♁	03°33'51"	03°05'54"	-00°01'31"	18.162
14/11/2019 00:00:00	♁	21°40'33" ♃	-07°46'04"	-04°51'48"	00°06'42"	0.003
14/11/2019 00:00:00	♁	09°14'32" ♁	23°06'50"	00°00'00"	-00°05'06"	0.003
14/11/2019 00:00:00	♁	19°55'15" ♃	-08°26'14"	-04°50'14"	03°52'47"	0.003
14/11/2019 00:00:00	X	23°30'20" ♁	-01°55'27"	-11°52'32"	-00°00'31"	95.163
14/11/2019 00:00:00	Y	27°31'53" ♁	07°51'01"	-12°03'07"	-00°00'37"	83.709
15/11/2019 00:00:00	♁	22°18'37" ♃	-18°20'41"	-00°00'00"	01°00'23"	0.989
15/11/2019 00:00:00	♁	21°06'36" ♃	21°32'40"	-01°35'49"	13°03'54"	0.003
15/11/2019 00:00:00	♁	14°46'41" ♃	-15°12'15"	01°06'48"	-01°03'49"	0.702
15/11/2019 00:00:00	♁	16°19'46" ♄	-23°37'26"	-00°53'39"	01°14'27"	1.510
15/11/2019 00:00:00	♁	27°09'45" ♃	-09°46'04"	00°44'34"	00°39'21"	2.475
15/11/2019 00:00:00	♃	26°09'35" ♄	-23°12'48"	00°10'01"	00°12'30"	6.037
15/11/2019 00:00:00	♅	16°29'57" ♁	-22°18'21"	00°06'44"	00°05'04"	10.586

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15/11/2019 00:00:00	♃	03°53'58" ♂	12°19'59"	-00°30'48"	-00°02'17"	18.883
15/11/2019 00:00:00	♃	15°58'15" ♀	-06°29'51"	-01°02'48"	-00°00'25"	29.523
15/11/2019 00:00:00	♃	21°04'39" ♀	-22°22'04"	-00°35'25"	00°01'12"	34.422
15/11/2019 00:00:00	♃	09°10'37" ♀	23°07'07"	00°00'00"	-00°02'43"	0.003
15/11/2019 00:00:00	♃	01°47'23" ♀	03°33'05"	03°05'42"	-00°01'28"	18.176
15/11/2019 00:00:00	♃	21°47'16" ♀	-07°43'40"	-04°52'05"	00°06'43"	0.003
15/11/2019 00:00:00	♃	09°10'37" ♀	23°07'07"	00°00'00"	-00°02'43"	0.003
15/11/2019 00:00:00	♃	24°32'37" ♀	-06°43'46"	-04°58'16"	05°17'47"	0.003
15/11/2019 00:00:00	X	23°29'49" ♀	-01°55'33"	-11°52'27"	-00°00'31"	95.171
15/11/2019 00:00:00	Y	27°31'16" ♂	07°50'52"	-12°03'08"	-00°00'37"	83.707
16/11/2019 00:00:00	♃	23°19'02" ♀	-18°36'00"	-00°00'00"	01°00'25"	0.989
16/11/2019 00:00:00	♃	04°16'08" ♀	22°55'41"	-00°26'21"	13°15'11"	0.003
16/11/2019 00:00:00	♃	13°47'25" ♀	-14°38'49"	01°23'31"	-00°54'27"	0.716
16/11/2019 00:00:00	♃	17°34'14" ♀	-23°47'08"	-00°56'04"	01°14'27"	1.505
16/11/2019 00:00:00	♃	27°49'07" ♀	-10°00'32"	00°44'10"	00°39'23"	2.470
16/11/2019 00:00:00	♃	26°22'07" ♀	-23°13'16"	00°09'54"	00°12'33"	6.045
16/11/2019 00:00:00	♃	16°35'04" ♀	-22°17'48"	00°06'39"	00°05'08"	10.599
16/11/2019 00:00:00	♃	03°51'41" ♂	12°19'14"	-00°30'47"	-00°02'16"	18.889
16/11/2019 00:00:00	♃	15°57'51" ♀	-06°29'59"	-01°02'47"	-00°00'23"	29.539



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16/11/2019 00:00:00	♁	21°05'53" ♉	-22°21'57"	-00°35'29"	00°01'14"	34.437
16/11/2019 00:00:00	♁	09°08'59" ♉	23°07'13"	00°00'00"	-00°00'37"	0.003
16/11/2019 00:00:00	♁	01°45'56" ♉	03°32'19"	03°05'30"	-00°01'25"	18.189
16/11/2019 00:00:00	♁	21°53'59" ♉	-07°41'16"	-04°52'22"	00°06'43"	0.003
16/11/2019 00:00:00	♁	09°08'59" ♉	23°07'13"	00°00'00"	-00°00'37"	0.003
16/11/2019 00:00:00	♁	00°18'41" ♉	-04°32'36"	-05°05'17"	06°06'30"	0.003
16/11/2019 00:00:00	X	23°29'18" ♉	-01°55'39"	-11°52'21"	-00°00'30"	95.180
16/11/2019 00:00:00	Y	27°30'38" ♉	07°50'44"	-12°03'08"	-00°00'37"	83.705
17/11/2019 00:00:00	♁	24°19'28" ♉	-18°50'59"	-00°00'00"	01°00'27"	0.989
17/11/2019 00:00:00	♁	17°37'05" ♉	23°01'52"	00°45'41"	13°26'46"	0.003
17/11/2019 00:00:00	♁	12°58'12" ♉	-14°09'54"	01°38'26"	-00°43'48"	0.732
17/11/2019 00:00:00	♁	18°48'41" ♉	-23°56'08"	-00°58'26"	01°14'27"	1.501
17/11/2019 00:00:00	♁	28°28'31" ♉	-10°14'57"	00°43'46"	00°39'24"	2.465
17/11/2019 00:00:00	♁	26°34'43" ♉	-23°13'42"	00°09'48"	00°12'37"	6.054
17/11/2019 00:00:00	♁	16°40'14" ♉	-22°17'15"	00°06'34"	00°05'12"	10.612
17/11/2019 00:00:00	♁	03°49'25" ♉	12°18'29"	-00°30'46"	-00°02'15"	18.895
17/11/2019 00:00:00	♁	15°57'29" ♉	-06°30'06"	-01°02'45"	-00°00'21"	29.555
17/11/2019 00:00:00	♁	21°07'08" ♉	-22°21'50"	-00°35'34"	00°01'15"	34.452
17/11/2019 00:00:00	♁	09°09'09" ♉	23°07'13"	00°00'00"	00°00'50"	0.003

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17/11/2019 00:00:00	♁	01°44'32" ♏	03°31'34"	03°05'18"	-00°01'22"	18.203
17/11/2019 00:00:00	♁	22°00'42" ♏	-07°38'52"	-04°52'39"	00°06'43"	0.003
17/11/2019 00:00:00	♁	09°09'09" ♏	23°07'13"	00°00'00"	00°00'50"	0.003
17/11/2019 00:00:00	♁	06°27'23" ♏	-02°10'11"	-05°09'10"	06°00'56"	0.003
17/11/2019 00:00:00	X	23°28'47" ♏	-01°55'44"	-11°52'15"	-00°00'30"	95.188
17/11/2019 00:00:00	Y	27°30'01" ♏	07°50'35"	-12°03'09"	-00°00'37"	83.703
18/11/2019 00:00:00	♁	25°19'57" ♏	-19°05'38"	00°00'00"	01°00'29"	0.989
18/11/2019 00:00:00	♁	01°09'52" ♏	21°47'17"	01°56'19"	13°38'53"	0.003
18/11/2019 00:00:00	♁	12°20'04" ♏	-13°46'05"	01°51'22"	-00°32'22"	0.751
18/11/2019 00:00:00	♁	20°03'08" ♏	-24°04'25"	01°00'47"	01°14'26"	1.497
18/11/2019 00:00:00	♁	29°07'56" ♏	-10°29'17"	00°43'22"	00°39'25"	2.459
18/11/2019 00:00:00	♁	26°47'22" ♏	-23°14'08"	00°09'41"	00°12'40"	6.061
18/11/2019 00:00:00	♁	16°45'28" ♏	-22°16'41"	00°06'29"	00°05'15"	10.625
18/11/2019 00:00:00	♁	03°47'10" ♏	12°17'44"	-00°30'45"	-00°02'14"	18.901
18/11/2019 00:00:00	♁	15°57'08" ♏	-06°30'13"	-01°02'44"	-00°00'19"	29.571
18/11/2019 00:00:00	♁	21°08'24" ♏	-22°21'42"	-00°35'39"	00°01'17"	34.467
18/11/2019 00:00:00	♁	09°10'21" ♏	23°07'08"	00°00'00"	00°01'24"	0.003
18/11/2019 00:00:00	♁	01°43'10" ♏	03°30'51"	03°05'05"	-00°01'19"	18.217
18/11/2019 00:00:00	♁	22°07'25" ♏	-07°36'28"	-04°52'56"	00°06'43"	0.003

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18/11/2019 00:00:00	T♄	09°10'21" ♉	23°07'08"	00°00'00"	00°01'24"	0.003
18/11/2019 00:00:00	T♄	12°00'40" ♏	-00°00'14"	-05°09'32"	04°56'22"	0.003
18/11/2019 00:00:00	X	23°28'16" ♏	-01°55'49"	-11°52'09"	-00°00'30"	95.197
18/11/2019 00:00:00	Y	27°29'24" ♏	07°50'27"	-12°03'09"	-00°00'37"	83.702
19/11/2019 00:00:00	♁	26°20'27" ♎	-19°19'56"	00°00'00"	01°00'31"	0.988
19/11/2019 00:00:00	♂	14°55'03" ♎	19°14'49"	03°01'24"	13°51'30"	0.002
19/11/2019 00:00:00	♀	11°53'34" ♎	-13°27'39"	02°02'16"	-00°20'38"	0.772
19/11/2019 00:00:00	♀	21°17'35" ♏	-24°11'59"	01°03'06"	01°14'26"	1.493
19/11/2019 00:00:00	♂	29°47'23" ♎	-10°43'33"	00°42'58"	00°39'27"	2.454
19/11/2019 00:00:00	♃	27°00'04" ♏	-23°14'32"	00°09'35"	00°12'44"	6.069
19/11/2019 00:00:00	♃	16°50'46" ♏	-22°16'06"	00°06'24"	00°05'19"	10.638
19/11/2019 00:00:00	♃	03°44'56" ♏	12°17'00"	-00°30'44"	-00°02'12"	18.908
19/11/2019 00:00:00	♃	15°56'50" ♏	-06°30'19"	-01°02'42"	-00°00'17"	29.588
19/11/2019 00:00:00	♃	21°09'42" ♏	-22°21'35"	-00°35'43"	00°01'18"	34.482
19/11/2019 00:00:00	♁	09°11'39" ♉	23°07'02"	00°00'00"	00°01'02"	0.003
19/11/2019 00:00:00	♃	01°41'52" ♏	03°30'08"	03°04'53"	-00°01'17"	18.232
19/11/2019 00:00:00	♃	22°14'08" ♏	-07°34'04"	-04°53'13"	00°06'43"	0.003
19/11/2019 00:00:00	T♄	09°11'39" ♉	23°07'02"	00°00'00"	00°01'02"	0.003
19/11/2019 00:00:00	T♄	16°05'09" ♏	01°35'12"	-05°07'54"	03°07'34"	0.003

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19/11/2019 00:00:00	X	23°27'46" ♄	-01°55'54"	-11°52'03"	-00°00'29"	95.206
19/11/2019 00:00:00	Y	27°28'46" ♄	07°50'19"	-12°03'09"	-00°00'37"	83.701
20/11/2019 00:00:00	☉	27°20'59" ♃	-19°33'54"	00°00'00"	01°00'33"	0.988
20/11/2019 00:00:00	☾	28°52'54" ♃	15°33'26"	03°56'46"	14°04'09"	0.002
20/11/2019 00:00:00	♀	11°38'46" ♃	-13°14'40"	02°11'10"	-00°09'00"	0.794
20/11/2019 00:00:00	♀	22°32'01" ♂	-24°18'50"	01°05'24"	01°14'26"	1.488
20/11/2019 00:00:00	♂	00°26'51" ♃	-10°57'46"	00°42'34"	00°39'28"	2.449
20/11/2019 00:00:00	♃	27°12'50" ♂	-23°14'56"	00°09'28"	00°12'47"	6.077
20/11/2019 00:00:00	♃	16°56'08" ♃	-22°15'31"	00°06'19"	00°05'23"	10.651
20/11/2019 00:00:00	♃	03°42'44" ♄	12°16'16"	-00°30'43"	-00°02'11"	18.915
20/11/2019 00:00:00	♃	15°56'33" ♃	-06°30'24"	-01°02'41"	-00°00'15"	29.604
20/11/2019 00:00:00	♃	21°11'02" ♃	-22°21'27"	-00°35'48"	00°01'20"	34.497
20/11/2019 00:00:00	♃	09°12'09" ♃	23°07'00"	00°00'00"	-00°00'09"	0.003
20/11/2019 00:00:00	♃	01°40'36" ♄	03°29'27"	03°04'40"	-00°01'14"	18.246
20/11/2019 00:00:00	♃	22°20'51" ♃	-07°31'39"	-04°53'29"	00°06'42"	0.003
20/11/2019 00:00:00	T♃	09°12'09" ♃	23°07'00"	00°00'00"	-00°00'09"	0.003
20/11/2019 00:00:00	T♃	18°12'18" ♄	02°24'45"	-05°06'23"	01°08'29"	0.003
20/11/2019 00:00:00	X	23°27'16" ♄	-01°55'59"	-11°51'57"	-00°00'29"	95.216
20/11/2019 00:00:00	Y	27°28'08" ♄	07°50'11"	-12°03'09"	-00°00'37"	83.700

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21/11/2019 00:00:00	☉	28°21'33" ♍	-19°47'30"	00°00'00"	01°00'34"	0.988
21/11/2019 00:00:00	☾	13°03'03" ♍	10°56'35"	04°38'34"	14°15'52"	0.002
21/11/2019 00:00:00	♀	11°35'24" ♍	-13°07'01"	02°18'07"	00°02'11"	0.818
21/11/2019 00:00:00	♀	23°46'27" ♂	-24°24'57"	01°07'38"	01°14'25"	1.484
21/11/2019 00:00:00	♂	01°06'20" ♍	-11°11'54"	00°42'09"	00°39'29"	2.444
21/11/2019 00:00:00	♋	27°25'39" ♂	-23°15'18"	00°09'22"	00°12'50"	6.084
21/11/2019 00:00:00	♌	17°01'33" ♎	-22°14'55"	00°06'14"	00°05'27"	10.663
21/11/2019 00:00:00	♍	03°40'33" ♏	12°15'33"	-00°30'42"	-00°02'10"	18.922
21/11/2019 00:00:00	♎	15°56'18" ♏	-06°30'28"	-01°02'39"	-00°00'13"	29.620
21/11/2019 00:00:00	♏	21°12'22" ♎	-22°21'19"	-00°35'52"	00°01'21"	34.511
21/11/2019 00:00:00	♐	09°11'09" ♏	23°07'05"	00°00'00"	-00°01'53"	0.003
21/11/2019 00:00:00	♑	01°39'24" ♏	03°28'46"	03°04'28"	-00°01'11"	18.261
21/11/2019 00:00:00	♒	22°27'34" ♏	-07°29'15"	-04°53'46"	00°06'42"	0.003
21/11/2019 00:00:00	♓	09°11'09" ♏	23°07'05"	00°00'00"	-00°01'53"	0.003
21/11/2019 00:00:00	♈	18°32'20" ♏	02°32'38"	-05°06'02"	-00°20'38"	0.003
21/11/2019 00:00:00	♉	23°26'47" ♏	-01°56'04"	-11°51'50"	-00°00'29"	95.225
21/11/2019 00:00:00	♊	27°27'31" ♏	07°50'03"	-12°03'09"	-00°00'37"	83.700
22/11/2019 00:00:00	☉	29°22'09" ♍	-20°00'46"	00°00'00"	01°00'36"	0.988
22/11/2019 00:00:00	☾	27°23'54" ♍	05°40'34"	05°03'36"	14°25'16"	0.002

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22/11/2019 00:00:00	♀	11°42'56" ♍	-13°04'26"	02°23'15"	00°12'44"	0.842
22/11/2019 00:00:00	♀	25°00'52" ♈	-24°30'20"	0°09'51"	01°14'25"	1.479
22/11/2019 00:00:00	♂	01°45'50" ♍	-11°25'57"	00°41'44"	00°39'31"	2.438
22/11/2019 00:00:00	♃	27°38'31" ♈	-23°15'38"	00°09'15"	00°12'53"	6.091
22/11/2019 00:00:00	♅	17°07'02" ♁	-22°14'19"	00°06'09"	00°05'30"	10.676
22/11/2019 00:00:00	♁	03°38'23" ♉	12°14'50"	-00°30'40"	-00°02'08"	18.929
22/11/2019 00:00:00	♆	15°56'06" ♋	-06°30'31"	-01°02'38"	-00°00'11"	29.637
22/11/2019 00:00:00	♁	21°13'44" ♁	-22°21'11"	-00°35'57"	00°01'22"	34.525
22/11/2019 00:00:00	♁	09°08'21" ♉	23°07'16"	00°00'00"	-00°03'42"	0.003
22/11/2019 00:00:00	♁	01°38'14" ♉	03°28'07"	03°04'15"	-00°01'08"	18.275
22/11/2019 00:00:00	♁	22°34'17" ♋	-07°26'50"	-04°54'02"	00°06'42"	0.003
22/11/2019 00:00:00	T♁	09°08'21" ♉	23°07'16"	00°00'00"	-00°03'42"	0.003
22/11/2019 00:00:00	T♁	17°48'30" ♉	02°15'39"	-05°06'32"	-00°58'31"	0.003
22/11/2019 00:00:00	X	23°26'18" ♉	-01°56'08"	-11°51'44"	-00°00'28"	95.235
22/11/2019 00:00:00	Y	27°26'53" ♉	07°49'56"	-12°03'09"	-00°00'37"	83.699
23/11/2019 00:00:00	♁	00°22'46" ♈	-20°13'39"	00°00'00"	01°00'38"	0.988
23/11/2019 00:00:00	♃	11°52'17" ♁	00°03'35"	05°09'39"	14°30'42"	0.002
23/11/2019 00:00:00	♀	12°00'38" ♍	-13°06'31"	02°26'42"	00°22'30"	0.867
23/11/2019 00:00:00	♀	26°15'18" ♈	-24°34'59"	0°12'02"	01°14'25"	1.475

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23/11/2019 00:00:00	♂	02°25'22" ♍	-11°39'56"	00°41'19"	00°39'32"	2.433
23/11/2019 00:00:00	♃	27°51'26" ♈	-23°15'58"	00°09'09"	00°12'56"	6.098
23/11/2019 00:00:00	♅	17°12'34" ♁	-22°13'41"	00°06'04"	00°05'34"	10.688
23/11/2019 00:00:00	♁	03°36'15" ♉	12°14'08"	-00°30'39"	-00°02'07"	18.937
23/11/2019 00:00:00	♆	15°55'55" ♋	-06°30'34"	-01°02'36"	-00°00'09"	29.654
23/11/2019 00:00:00	♁	21°15'08" ♁	-22°21'02"	-00°36'01"	00°01'24"	34.539
23/11/2019 00:00:00	♁	09°03'52" ♉	23°07'35"	00°00'00"	-00°05'10"	0.003
23/11/2019 00:00:00	♆	01°37'07" ♋	03°27'28"	03°04'02"	-00°01'05"	18.290
23/11/2019 00:00:00	♁	22°41'00" ♋	-07°24'25"	-04°54'18"	00°06'42"	0.003
23/11/2019 00:00:00	T♁	09°03'52" ♉	23°07'35"	00°00'00"	-00°05'10"	0.003
23/11/2019 00:00:00	T♆	16°48'36" ♋	01°52'22"	-05°07'13"	-00°57'03"	0.003
23/11/2019 00:00:00	X	23°25'49" ♋	-01°56'12"	-11°51'37"	-00°00'28"	95.245
23/11/2019 00:00:00	Y	27°26'15" ♉	07°49'48"	-12°03'08"	-00°00'37"	83.700
24/11/2019 00:00:00	♁	01°23'26" ♈	-20°26'10"	00°00'00"	01°00'39"	0.987
24/11/2019 00:00:00	♃	26°23'30" ♈	-05°34'49"	04°55'58"	14°30'43"	0.002
24/11/2019 00:00:00	♁	12°27'39" ♍	-13°12'51"	02°28'38"	00°31'22"	0.893
24/11/2019 00:00:00	♀	27°29'43" ♈	-24°38'54"	0-01°14'10"	01°14'24"	1.471
24/11/2019 00:00:00	♂	03°04'55" ♍	-11°53'51"	00°40'54"	00°39'33"	2.427
24/11/2019 00:00:00	♃	28°04'24" ♈	-23°16'16"	00°09'03"	00°12'59"	6.105

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24/11/2019 00:00:00	♃	17°18'10" ♄	-22°13'03"	00°06'00"	00°05'37"	10.700
24/11/2019 00:00:00	♅	03°34'09" ♄	12°13'26"	-00°30'38"	-00°02'05"	18.945
24/11/2019 00:00:00	♆	15°55'47" ♃	-06°30'36"	-01°02'35"	-00°00'07"	29.670
24/11/2019 00:00:00	♁	21°16'33" ♄	-22°20'54"	-00°36'06"	00°01'25"	34.553
24/11/2019 00:00:00	♄	08°58'13" ♃	23°07'57"	00°00'00"	-00°05'58"	0.003
24/11/2019 00:00:00	♂	01°36'04" ♃	03°26'51"	03°03'50"	-00°01'02"	18.305
24/11/2019 00:00:00	♁	22°47'43" ♃	-07°22'00"	-04°54'34"	00°06'42"	0.003
24/11/2019 00:00:00	♄	08°58'13" ♃	23°07'57"	00°00'00"	-00°05'58"	0.003
24/11/2019 00:00:00	♁	15°57'31" ♃	01°32'22"	-05°07'49"	-00°45'57"	0.003
24/11/2019 00:00:00	X	23°25'21" ♃	-01°56'16"	-11°51'31"	-00°00'28"	95.255
24/11/2019 00:00:00	Y	27°25'38" ♄	07°49'41"	-12°03'08"	-00°00'37"	83.700
25/11/2019 00:00:00	♁	02°24'06" ♃	-20°38'18"	00°00'00"	01°00'41"	0.987
25/11/2019 00:00:00	♃	10°51'38" ♃	-10°54'21"	04°23'26"	14°24'29"	0.002
25/11/2019 00:00:00	♁	13°03'06" ♃	-13°22'56"	02°29'11"	00°39'21"	0.918
25/11/2019 00:00:00	♁	28°44'07" ♃	-24°42'03"	01°16'15"	01°14'24"	1.466
25/11/2019 00:00:00	♂	03°44'29" ♃	-12°07'41"	00°40'28"	00°39'34"	2.422
25/11/2019 00:00:00	♁	28°17'25" ♃	-23°16'33"	00°08'56"	00°13'02"	6.111
25/11/2019 00:00:00	♃	17°23'50" ♄	-22°12'24"	00°05'55"	00°05'41"	10.712
25/11/2019 00:00:00	♅	03°32'04" ♄	12°12'45"	-00°30'37"	-00°02'03"	18.953



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25/11/2019 00:00:00	♁	15°55'40" ♈	-06°30'37"	-01°02'33"	-00°00'05"	29.687
25/11/2019 00:00:00	♁	21°17'59" ♈	-22°20'45"	-00°36'11"	00°01'26"	34.567
25/11/2019 00:00:00	♁	08°52'11" ♈	23°08'22"	00°00'00"	-00°05'56"	0.003
25/11/2019 00:00:00	♁	01°35'03" ♈	03°26'15"	03°03'37"	-00°00'59"	18.321
25/11/2019 00:00:00	♁	22°54'26" ♈	-07°19'35"	-04°54'50"	00°06'43"	0.003
25/11/2019 00:00:00	♁	08°52'11" ♈	23°08'22"	00°00'00"	-00°05'56"	0.003
25/11/2019 00:00:00	♁	15°11'43" ♈	01°14'16"	-05°08'29"	-00°49'14"	0.003
25/11/2019 00:00:00	X	23°24'53" ♈	-01°56'20"	-11°51'24"	-00°00'27"	95.266
25/11/2019 00:00:00	Y	27°25'00" ♈	07°49'34"	-12°03'07"	-00°00'37"	83.701
26/11/2019 00:00:00	♁	03°24'49" ♈	-20°50'04"	00°00'00"	01°00'43"	0.987
26/11/2019 00:00:00	♁	25°10'24" ♈	-15°34'52"	03°34'38"	14°12'02"	0.002
26/11/2019 00:00:00	♁	13°46'04" ♈	-13°36'20"	02°28'32"	00°46'27"	0.944
26/11/2019 00:00:00	♁	29°58'31" ♈	-24°44'28"	01°18'18"	01°14'23"	1.461
26/11/2019 00:00:00	♁	04°24'05" ♈	-12°21'26"	00°40'02"	00°39'36"	2.416
26/11/2019 00:00:00	♁	28°30'29" ♈	-23°16'49"	00°08'50"	00°13'05"	6.118
26/11/2019 00:00:00	♁	17°29'33" ♈	-22°11'45"	00°05'50"	00°05'44"	10.723
26/11/2019 00:00:00	♁	03°30'01" ♈	12°12'04"	-00°30'36"	-00°02'02"	18.961
26/11/2019 00:00:00	♁	15°55'36" ♈	-06°30'37"	-01°02'31"	-00°00'03"	29.704
26/11/2019 00:00:00	♁	21°19'26" ♈	-22°20'35"	-00°36'15"	00°01'28"	34.580

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26/11/2019 00:00:00	♏	08°46'37" ♃	23°08'44"	00°00'00"	-00°05'04"	0.003
26/11/2019 00:00:00	♋	01°34'06" ♄	03°25'41"	03°03'24"	-00°00'55"	18.336
26/11/2019 00:00:00	♌	23°01'09" ♃	-07°17'09"	-04°55'06"	00°06'43"	0.003
26/11/2019 00:00:00	♏	08°46'37" ♃	23°08'44"	00°00'00"	-00°05'04"	0.003
26/11/2019 00:00:00	♌	14°11'03" ♄	00°50'11"	-05°09'24"	-01°16'02"	0.003
26/11/2019 00:00:00	X	23°24'25" ♄	-01°56'23"	-11°51'17"	-00°00'27"	95.277
26/11/2019 00:00:00	Y	27°24'23" ♃	07°49'27"	-12°03'06"	-00°00'37"	83.702
27/11/2019 00:00:00	♁	04°25'33" ♃	-21°01'26"	00°00'00"	01°00'44"	0.987
27/11/2019 00:00:00	♃	09°14'00" ♃	-19°18'11"	02°33'28"	13°54'24"	0.003
27/11/2019 00:00:00	♌	14°35'44" ♃	-13°52'33"	02°26'48"	00°52'43"	0.969
27/11/2019 00:00:00	♌	01°12'55" ♃	-24°46'08"	01°20'18"	01°14'23"	1.457
27/11/2019 00:00:00	♌	05°03'42" ♃	-12°35'06"	00°39'36"	00°39'37"	2.411
27/11/2019 00:00:00	♌	28°43'36" ♃	-23°17'03"	00°08'44"	00°13'08"	6.124
27/11/2019 00:00:00	♌	17°35'19" ♃	-22°11'05"	00°05'45"	00°05'48"	10.735
27/11/2019 00:00:00	♌	03°28'00" ♃	12°11'24"	-00°30'34"	-00°02'00"	18.970
27/11/2019 00:00:00	♌	15°55'34" ♃	-06°30'36"	-01°02'30"	-00°00'01"	29.721
27/11/2019 00:00:00	♌	21°20'55" ♃	-22°20'26"	-00°36'20"	00°01'29"	34.594
27/11/2019 00:00:00	♏	08°42'13" ♃	23°09'01"	00°00'00"	-00°03'37"	0.003
27/11/2019 00:00:00	♋	01°33'11" ♄	03°25'07"	03°03'11"	-00°00'52"	18.352

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27/11/2019 00:00:00	☾	23°07'52" ♈	-07°14'44"	-04°55'21"	00°06'43"	0.003
27/11/2019 00:00:00	♁	08°42'13" ♉	23°09'01"	00°00'00"	-00°03'37"	0.003
27/11/2019 00:00:00	♁	12°33'09" ♈	00°11'20"	-05°10'37"	-02°01'58"	0.003
27/11/2019 00:00:00	X	23°23'58" ♈	-01°56'27"	-11°51'10"	-00°00'26"	95.288
27/11/2019 00:00:00	Y	27°23'45" ♉	07°49'20"	-12°03'05"	-00°00'37"	83.703
28/11/2019 00:00:00	☉	05°26'18" ♈	-21°12'25"	00°00'00"	01°00'45"	0.987
28/11/2019 00:00:00	☾	22°58'02" ♈	-21°50'30"	01°24'34"	13°33'15"	0.003
28/11/2019 00:00:00	♀	15°31'15" ♎	-14°11'10"	02°24'08"	00°58'12"	0.994
28/11/2019 00:00:00	♀	02°27'18" ♉	-24°47'03"	01°22'16"	01°14'22"	1.452
28/11/2019 00:00:00	♂	05°43'20" ♎	-12°48'41"	00°39'10"	00°39'38"	2.405
28/11/2019 00:00:00	♃	28°56'45" ♈	-23°17'17"	00°08'37"	00°13'10"	6.130
28/11/2019 00:00:00	♃	17°41'09" ♉	-22°10'24"	00°05'40"	00°05'51"	10.746
28/11/2019 00:00:00	♃	03°26'01" ♉	12°10'45"	-00°30'33"	-00°01'58"	18.979
28/11/2019 00:00:00	♃	15°55'34" ♈	-06°30'35"	-01°02'28"	00°00'01"	29.738
28/11/2019 00:00:00	♃	21°22'25" ♉	-22°20'16"	-00°36'25"	00°01'30"	34.607
28/11/2019 00:00:00	♁	08°39'27" ♉	23°09'12"	00°00'00"	-00°01'54"	0.003
28/11/2019 00:00:00	♃	01°32'20" ♈	03°24'35"	03°02'57"	-00°00'49"	18.367
28/11/2019 00:00:00	☾	23°14'35" ♈	-07°12'18"	-04°55'37"	00°06'43"	0.003
28/11/2019 00:00:00	♁	08°39'27" ♉	23°09'12"	00°00'00"	-00°01'54"	0.003

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28/11/2019 00:00:00	T♄	10°05'34" ♏	-00°47'05"	-05°11'49"	-02°52'18"	0.003
28/11/2019 00:00:00	X	23°23'32" ♏	-01°56'29"	-11°51'03"	-00°00'26"	95.299
28/11/2019 00:00:00	Y	27°23'08" ♏	07°49'13"	-12°03'04"	-00°00'37"	83.705
29/11/2019 00:00:00	☉	06°27'04" ♏	-21°22'59"	-00°00'00"	01°00'46"	0.987
29/11/2019 00:00:00	☾	06°20'03" ♏	-23°04'28"	00°12'36"	13°10'40"	0.003
29/11/2019 00:00:00	♀	16°31'55" ♏	-14°31'47"	02°20'39"	01°02'59"	1.019
29/11/2019 00:00:00	♀	03°41'41" ♏	-24°47'12"	o-01°24'10"	01°14'22"	1.448
29/11/2019 00:00:00	♂	06°22'59" ♏	-13°02'11"	00°38'43"	00°39'39"	2.399
29/11/2019 00:00:00	♃	29°09'57" ♏	-23°17'28"	00°08'31"	00°13'13"	6.136
29/11/2019 00:00:00	♅	17°47'02" ♏	-22°09'42"	00°05'36"	00°05'54"	10.757
29/11/2019 00:00:00	♁	03°24'03" ♏	12°10'06"	-00°30'32"	-00°01'56"	18.989
29/11/2019 00:00:00	♃	15°55'36" ♏	-06°30'33"	-01°02'27"	00°00'03"	29.755
29/11/2019 00:00:00	♁	21°23'57" ♏	-22°20'07"	-00°36'29"	00°01'32"	34.620
29/11/2019 00:00:00	♁	08°38'24" ♏	23°09'16"	00°00'00"	-00°00'15"	0.003
29/11/2019 00:00:00	♁	01°31'32" ♏	03°24'03"	03°02'44"	-00°00'46"	18.383
29/11/2019 00:00:00	♁	23°21'19" ♏	-07°09'52"	-04°55'52"	00°06'43"	0.003
29/11/2019 00:00:00	T♄	08°38'24" ♏	23°09'16"	00°00'00"	-00°00'15"	0.003
29/11/2019 00:00:00	T♄	06°53'43" ♏	-02°02'45"	-05°12'22"	-03°27'16"	0.003
29/11/2019 00:00:00	X	23°23'06" ♏	-01°56'32"	-11°50'56"	-00°00'25"	95.310

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29/11/2019 00:00:00	Y	27°22'31" ⚊	07°49'06"	-12°03'02"	-00°00'37"	83.707
30/11/2019 00:00:00	☉	07°27'52" ⚊	-21°33'09"	-00°00'00"	01°00'48"	0.986
30/11/2019 00:00:00	☾	19°19'36" ⚊	-23°00'11"	-00°58'10"	12°48'39"	0.003
30/11/2019 00:00:00	♀	17°37'01" ♎	-14°54'01"	02°16'27"	01°07'07"	1.043
30/11/2019 00:00:00	♀	04°56'02" ⚊	-24°46'37"	o-01°26'01"	01°14'21"	1.443
30/11/2019 00:00:00	♂	07°02'39" ♎	-13°15'36"	00°38'16"	00°39'40"	2.394
30/11/2019 00:00:00	♃	29°23'12" ⚊	-23°17'39"	00°08'25"	00°13'15"	6.141
30/11/2019 00:00:00	♅	17°52'58" ⚊	-22°09'00"	00°05'31"	00°05'57"	10.768
30/11/2019 00:00:00	♁	03°22'08" ⚊	12°09'28"	-00°30'30"	-00°01'54"	18.998
30/11/2019 00:00:00	♃	15°55'40" ♉	-06°30'30"	-01°02'25"	00°00'05"	29.772
30/11/2019 00:00:00	♁	21°25'29" ⚊	-22°19'57"	-00°36'34"	00°01'33"	34.632
30/11/2019 00:00:00	♁	08°38'49" ♉	23°09'14"	00°00'00"	00°01'01"	0.003
30/11/2019 00:00:00	♃	01°30'48" ♉	03°23'34"	03°02'31"	-00°00'43"	18.399
30/11/2019 00:00:00	♀	23°28'02" ♉	-07°07'26"	-04°56'07"	00°06'43"	0.003
30/11/2019 00:00:00	T♁	08°38'49" ♉	23°09'14"	00°00'00"	00°01'01"	0.003
30/11/2019 00:00:00	T♃	03°21'12" ♉	-03°26'05"	-05°11'43"	-03°32'12"	0.003
30/11/2019 00:00:00	X	23°22'41" ♉	-01°56'34"	-11°50'48"	-00°00'25"	95.322
30/11/2019 00:00:00	Y	27°21'54" ⚊	07°49'00"	-12°03'01"	-00°00'36"	83.709
01/12/2019 00:00:00	☉	08°28'40" ⚊	-21°42'55"	-00°00'00"	01°00'49"	0.986

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01/12/2019 00:00:00	♃	01°58'07" ♁	-21°44'13"	-02°04'16"	12°28'53"	0.003
01/12/2019 00:00:00	♆	18°45'59" ♃	-15°17'33"	02°11'39"	01°10'42"	1.066
01/12/2019 00:00:00	♀	06°10'23" ♁	-24°45'16"	0-01°27'50"	01°14'20"	1.438
01/12/2019 00:00:00	♂	07°42'21" ♃	-13°28'55"	00°37'49"	00°39'41"	2.388
01/12/2019 00:00:00	♃	29°36'28" ♂	-23°17'48"	00°08'19"	00°13'17"	6.147
01/12/2019 00:00:00	♃	17°58'57" ♁	-22°08'18"	00°05'26"	00°06'00"	10.779
01/12/2019 00:00:00	♃	03°20'14" ♂	12°08'51"	-00°30'29"	-00°01'52"	19.008
01/12/2019 00:00:00	♃	15°55'46" ♃	-06°30'26"	-01°02'23"	00°00'07"	29.790
01/12/2019 00:00:00	♃	21°27'03" ♁	-22°19'47"	-00°36'39"	00°01'34"	34.645
01/12/2019 00:00:00	♃	08°40'15" ♃	23°09'09"	00°00'00"	00°01'44"	0.003
01/12/2019 00:00:00	♃	01°30'06" ♂	03°23'05"	03°02'18"	-00°00'39"	18.415
01/12/2019 00:00:00	♃	23°34'45" ♃	-07°05'00"	-04°56'22"	00°06'43"	0.003
01/12/2019 00:00:00	♃	08°40'15" ♃	23°09'09"	00°00'00"	00°01'44"	0.003
01/12/2019 00:00:00	♃	29°59'27" ♂	-04°44'30"	-05°09'54"	-03°07'08"	0.003
01/12/2019 00:00:00	X	23°22'16" ♂	-01°56'36"	-11°50'41"	-00°00'24"	95.334
01/12/2019 00:00:00	Y	27°21'17" ♂	07°48'54"	-12°02'59"	-00°00'36"	83.712
02/12/2019 00:00:00	♃	09°29'30" ♂	-21°52'16"	-00°00'00"	01°00'49"	0.986
02/12/2019 00:00:00	♃	14°18'33" ♁	-19°27'09"	-03°03'01"	12°12'38"	0.003
02/12/2019 00:00:00	♆	19°58'16" ♃	-15°42'06"	02°06'21"	01°13'47"	1.088

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02/12/2019 00:00:00	♀	07°24'43" ♍	-24°43'10"	♁-01°29'35"	01°14'19"	1.434
02/12/2019 00:00:00	♂	08°22'03" ♎	-13°42'09"	00°37'22"	00°39'43"	2.382
02/12/2019 00:00:00	♃	29°49'48" ♏	-23°17'56"	00°08'13"	00°13'20"	6.152
02/12/2019 00:00:00	♅	18°04'59" ♍	-22°07'34"	00°05'21"	00°06'03"	10.789
02/12/2019 00:00:00	♁	03°18'22" ♏	12°08'14"	-00°30'28"	-00°01'50"	19.018
02/12/2019 00:00:00	♃	15°55'54" ♏	-06°30'21"	-01°02'22"	00°00'09"	29.807
02/12/2019 00:00:00	♁	21°28'38" ♍	-22°19'36"	-00°36'43"	00°01'35"	34.657
02/12/2019 00:00:00	♁	08°42'04" ♁	23°09'02"	00°00'00"	00°01'48"	0.003
02/12/2019 00:00:00	♃	01°29'28" ♏	03°22'37"	03°02'04"	-00°00'36"	18.431
02/12/2019 00:00:00	♁	23°41'28" ♏	-07°02'33"	-04°56'37"	00°06'43"	0.003
02/12/2019 00:00:00	T♁	08°42'04" ♁	23°09'02"	00°00'00"	00°01'48"	0.003
02/12/2019 00:00:00	T♃	27°12'27" ♏	-05°48'43"	-05°07'31"	-02°25'36"	0.003
02/12/2019 00:00:00	X	23°21'51" ♏	-01°56'38"	-11°50'33"	-00°00'24"	95.346
02/12/2019 00:00:00	Y	27°20'40" ♏	07°48'48"	-12°02'57"	-00°00'36"	83.714
03/12/2019 00:00:00	♁	10°30'20" ♏	-22°01'11"	-00°00'00"	01°00'50"	0.986
03/12/2019 00:00:00	♃	26°24'53" ♏	-16°20'59"	-03°52'27"	12°00'47"	0.003
03/12/2019 00:00:00	♃	21°13'25" ♎	-16°07'22"	02°00'35"	01°16'26"	1.110
03/12/2019 00:00:00	♀	08°39'03" ♍	-24°40'19"	♁-01°31'16"	01°14'18"	1.429
03/12/2019 00:00:00	♂	09°01'47" ♎	-13°55'17"	00°36'54"	00°39'44"	2.376

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03/12/2019 00:00:00	♃	00°03'09" ♁	-23°18'02"	00°08'07"	00°13'22"	6.157
03/12/2019 00:00:00	♅	18°11'04" ♁	-22°06'50"	00°05'17"	00°06'06"	10.799
03/12/2019 00:00:00	♁	03°16'33" ♃	12°07'39"	-00°30'26"	-00°01'48"	19.028
03/12/2019 00:00:00	♆	15°56'05" ♃	-06°30'15"	-01°02'20"	00°00'11"	29.824
03/12/2019 00:00:00	♁	21°30'14" ♁	-22°19'26"	-00°36'48"	00°01'36"	34.669
03/12/2019 00:00:00	♄	08°43'40" ♃	23°08'55"	00°00'00"	00°01'17"	0.002
03/12/2019 00:00:00	♃	01°28'52" ♃	03°22'11"	03°01'51"	-00°00'33"	18.447
03/12/2019 00:00:00	♁	23°48'11" ♃	-07°00'07"	-04°56'52"	00°06'43"	0.003
03/12/2019 00:00:00	T♄	08°43'40" ♃	23°08'55"	00°00'00"	00°01'17"	0.002
03/12/2019 00:00:00	T♃	25°08'00" ♃	-06°36'03"	-05°05'11"	-01°44'36"	0.003
03/12/2019 00:00:00	X	23°21'27" ♃	-01°56'40"	-11°50'26"	-00°00'23"	95.358
03/12/2019 00:00:00	Y	27°20'04" ♃	07°48'42"	-12°02'55"	-00°00'36"	83.718
04/12/2019 00:00:00	♁	11°31'11" ♃	-22°09'41"	-00°00'00"	01°00'51"	0.986
04/12/2019 00:00:00	♃	08°21'44" ♃	-12°37'10"	-04°31'05"	11°53'45"	0.003
04/12/2019 00:00:00	♁	22°31'02" ♃	-16°33'08"	01°54'27"	01°18'42"	1.131
04/12/2019 00:00:00	♁	09°53'21" ♁	-24°36'42"	01°32'55"	01°14'17"	1.424
04/12/2019 00:00:00	♁	09°41'31" ♃	-14°08'19"	00°36'27"	00°39'45"	2.370
04/12/2019 00:00:00	♃	00°16'32" ♁	-23°18'08"	00°08'01"	00°13'24"	6.162
04/12/2019 00:00:00	♅	18°17'12" ♁	-22°06'05"	00°05'12"	00°06'09"	10.809



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04/12/2019 00:00:00	♃	03°14'45"	♎	12°07'03"	-00°30'25"	-00°01'46"	19.039
04/12/2019 00:00:00	♃	15°56'17"	♋	-06°30'09"	-01°02'19"	00°00'13"	29.841
04/12/2019 00:00:00	♃	21°31'51"	♎	-22°19'15"	-00°36'53"	00°01'37"	34.681
04/12/2019 00:00:00	♎	08°44'30"	♋	23°08'52"	00°00'00"	00°00'19"	0.002
04/12/2019 00:00:00	♎	01°28'21"	♎	03°21'46"	03°01'38"	-00°00'30"	18.464
04/12/2019 00:00:00	♎	23°54'54"	♋	-06°57'40"	-04°57'06"	00°06'43"	0.003
04/12/2019 00:00:00	♎	08°44'30"	♋	23°08'52"	00°00'00"	00°00'19"	0.002
04/12/2019 00:00:00	♎	23°38'51"	♋	-07°09'39"	-05°03'13"	-01°16'34"	0.003
04/12/2019 00:00:00	X	23°21'03"	♎	-01°56'41"	-11°50'18"	-00°00'23"	95.371
04/12/2019 00:00:00	Y	27°19'27"	♎	07°48'37"	-12°02'53"	-00°00'36"	83.721
05/12/2019 00:00:00	♋	12°32'03"	♎	-22°17'46"	-00°00'00"	01°00'52"	0.986
05/12/2019 00:00:00	♋	20°14'03"	♋	-08°25'48"	-04°57'50"	11°51'40"	0.003
05/12/2019 00:00:00	♎	23°50'44"	♎	-16°59'12"	01°48'01"	01°20'39"	1.151
05/12/2019 00:00:00	♎	11°07'38"	♎	-24°32'22"	-01°34'29"	01°14'16"	1.419
05/12/2019 00:00:00	♎	10°21'17"	♎	-14°21'15"	00°35'59"	00°39'46"	2.364
05/12/2019 00:00:00	♎	00°29'57"	♎	-23°18'11"	00°07'55"	00°13'26"	6.166
05/12/2019 00:00:00	♎	18°23'23"	♎	-22°05'20"	00°05'07"	00°06'11"	10.819
05/12/2019 00:00:00	♃	03°13'00"	♎	12°06'29"	-00°30'23"	-00°01'44"	19.050
05/12/2019 00:00:00	♃	15°56'31"	♋	-06°30'02"	-01°02'17"	00°00'15"	29.859

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05/12/2019 00:00:00	♁	21°33'29"	♌	-22°19'04"	-00°36'57"	00°01'38"	34.693
05/12/2019 00:00:00	♁	08°44'14"	♉	23°08'53"	00°00'00"	-00°00'52"	0.002
05/12/2019 00:00:00	♁	01°27'52"	♈	03°21'22"	03°01'24"	-00°00'27"	18.480
05/12/2019 00:00:00	♁	24°01'37"	♈	-06°55'13"	-04°57'20"	00°06'43"	0.003
05/12/2019 00:00:00	♁	08°44'14"	♉	23°08'53"	00°00'00"	-00°00'52"	0.002
05/12/2019 00:00:00	♁	22°28'26"	♈	-07°35'59"	-05°01'29"	-01°07'38"	0.003
05/12/2019 00:00:00	X	23°20'40"	♈	-01°56'42"	-11°50'10"	-00°00'22"	95.384
05/12/2019 00:00:00	Y	27°18'51"	♉	07°48'31"	-12°02'50"	-00°00'36"	83.725
06/12/2019 00:00:00	♁	13°32'56"	♈	-22°25'24"	-00°00'00"	01°00'53"	0.985
06/12/2019 00:00:00	♁	02°06'42"	♈	-03°55'47"	-05°11'53"	11°54'23"	0.003
06/12/2019 00:00:00	♁	25°12'15"	♈	-17°25'24"	01°41'19"	01°22'19"	1.171
06/12/2019 00:00:00	♁	12°21'53"	♌	-24°27'16"	01°36'00"	01°14'15"	1.414
06/12/2019 00:00:00	♁	11°01'04"	♈	-14°34'05"	00°35'30"	00°39'47"	2.358
06/12/2019 00:00:00	♁	00°43'24"	♌	-23°18'14"	00°07'48"	00°13'28"	6.170
06/12/2019 00:00:00	♁	18°29'36"	♌	-22°04'34"	00°05'03"	00°06'14"	10.829
06/12/2019 00:00:00	♁	03°11'17"	♉	12°05'55"	-00°30'22"	-00°01'42"	19.061
06/12/2019 00:00:00	♁	15°56'48"	♈	-06°29'54"	-01°02'15"	00°00'17"	29.876
06/12/2019 00:00:00	♁	21°35'09"	♌	-22°18'53"	-00°37'02"	00°01'39"	34.704
06/12/2019 00:00:00	♁	08°42'46"	♉	23°08'59"	00°00'00"	-00°02'04"	0.002

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06/12/2019 00:00:00	♄	01°27'26" ♏	03°21'00"	03°01'11"	-00°00'23"	18.497
06/12/2019 00:00:00	♁	24°08'20" ♏	-06°52'46"	-04°57'35"	00°06'43"	0.003
06/12/2019 00:00:00	♁♁	08°42'46" ♏	23°08'59"	00°00'00"	-00°02'04"	0.002
06/12/2019 00:00:00	♁♁	21°16'50" ♏	-08°02'37"	-04°59'37"	-01°18'43"	0.003
06/12/2019 00:00:00	X	23°20'17" ♏	-01°56'43"	-11°50'03"	-00°00'22"	95.397
06/12/2019 00:00:00	Y	27°18'14" ♏	07°48'26"	-12°02'48"	-00°00'36"	83.729
07/12/2019 00:00:00	♁	14°33'50" ♏	-22°32'36"	-00°00'00"	01°00'54"	0.985
07/12/2019 00:00:00	♁	14°04'18" ♏	00°44'39"	-05°12'34"	12°01'28"	0.003
07/12/2019 00:00:00	♁	26°35'18" ♏	-17°51'33"	01°34'24"	01°23'44"	1.190
07/12/2019 00:00:00	♁	13°36'08" ♏	-24°21'26"	0-01°37'28"	01°14'14"	1.410
07/12/2019 00:00:00	♁	11°40'52" ♏	-14°46'50"	00°35'02"	00°39'48"	2.352
07/12/2019 00:00:00	♁	00°56'53" ♏	-23°18'14"	00°07'42"	00°13'29"	6.175
07/12/2019 00:00:00	♁	18°35'52" ♏	-22°03'47"	00°04'58"	00°06'17"	10.838
07/12/2019 00:00:00	♁	03°09'36" ♏	12°05'22"	-00°30'20"	-00°01'39"	19.072
07/12/2019 00:00:00	♁	15°57'06" ♏	-06°29'46"	-01°02'14"	00°00'19"	29.893
07/12/2019 00:00:00	♁	21°36'49" ♏	-22°18'42"	-00°37'07"	00°01'40"	34.715
07/12/2019 00:00:00	♁	08°40'11" ♏	23°09'09"	00°00'00"	-00°03'02"	0.002
07/12/2019 00:00:00	♁	01°27'04" ♏	03°20'39"	03°00'57"	-00°00'20"	18.514
07/12/2019 00:00:00	♁	24°15'03" ♏	-06°50'19"	-04°57'49"	00°06'43"	0.003

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07/12/2019 00:00:00	T♄	08°40'11" ♉	23°09'09"	00°00'00"	-00°03'02"	0.002
07/12/2019 00:00:00	T♄	19°45'34" ♉	-08°36'22"	-04°57'06"	-01°45'53"	0.003
07/12/2019 00:00:00	X	23°19'55" ♉	-01°56'44"	-11°49'55"	-00°00'21"	95.410
07/12/2019 00:00:00	Y	27°17'39" ♉	07°48'21"	-12°02'45"	-00°00'35"	83.733
08/12/2019 00:00:00	♁	15°34'45" ♈	-22°39'21"	-00°00'00"	01°00'54"	0.985
08/12/2019 00:00:00	♂	26°10'54" ♈	05°27'04"	-04°59'27"	12°12'17"	0.003
08/12/2019 00:00:00	♀	27°59'41" ♈	-18°17'31"	01°27'19"	01°24'58"	1.208
08/12/2019 00:00:00	♀	14°50'22" ♈	-24°14'52"	0-01°38'51"	01°14'12"	1.405
08/12/2019 00:00:00	♂	12°20'42" ♈	-14°59'27"	00°34'33"	00°39'50"	2.345
08/12/2019 00:00:00	♃	01°10'24" ♈	-23°18'14"	00°07'37"	00°13'31"	6.178
08/12/2019 00:00:00	♃	18°42'10" ♈	-22°03'00"	00°04'53"	00°06'19"	10.847
08/12/2019 00:00:00	♃	03°07'58" ♈	12°04'50"	-00°30'19"	-00°01'37"	19.084
08/12/2019 00:00:00	♃	15°57'27" ♈	-06°29'36"	-01°02'12"	00°00'21"	29.911
08/12/2019 00:00:00	♃	21°38'30" ♈	-22°18'31"	-00°37'12"	00°01'41"	34.726
08/12/2019 00:00:00	♁	08°36'49" ♉	23°09'22"	00°00'00"	-00°03'37"	0.003
08/12/2019 00:00:00	♃	01°26'45" ♉	03°20'19"	03°00'44"	-00°00'17"	18.530
08/12/2019 00:00:00	♃	24°21'46" ♉	-06°47'52"	-04°58'03"	00°06'43"	0.003
08/12/2019 00:00:00	T♄	08°36'49" ♉	23°09'22"	00°00'00"	-00°03'37"	0.003
08/12/2019 00:00:00	T♄	17°42'50" ♉	-09°21'18"	-04°53'28"	-02°19'29"	0.003

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08/12/2019 00:00:00	X	23°19'33" ♄	-01°56'44"	-11°49'47"	-00°00'21"	95.423
08/12/2019 00:00:00	Y	27°17'03" ♄	07°48'16"	-12°02'43"	-00°00'35"	83.738
09/12/2019 00:00:00	☉	16°35'40" ♈	-22°45'40"	-00°00'00"	01°00'55"	0.985
09/12/2019 00:00:00	☾	08°29'51" ♄	10°01'48"	-04°32'25"	12°25'59"	0.003
09/12/2019 00:00:00	♀	29°25'11" ♍	-18°43'11"	01°20'06"	01°26'00"	1.225
09/12/2019 00:00:00	♀	16°04'34" ♍	-24°07'34"	o-01°40'11"	01°14'11"	1.400
09/12/2019 00:00:00	♂	13°00'33" ♍	-15°11'59"	00°34'04"	00°39'51"	2.339
09/12/2019 00:00:00	♃	01°23'56" ♍	-23°18'12"	00°07'31"	00°13'33"	6.182
09/12/2019 00:00:00	♅	18°48'32" ♍	-22°02'12"	00°04'49"	00°06'22"	10.856
09/12/2019 00:00:00	♁	03°06'21" ♄	12°04'19"	-00°30'17"	-00°01'34"	19.095
09/12/2019 00:00:00	♃	15°57'50" ♉	-06°29'26"	-01°02'10"	00°00'23"	29.928
09/12/2019 00:00:00	♁	21°40'13" ♍	-22°18'19"	-00°37'16"	00°01'42"	34.737
09/12/2019 00:00:00	♁	08°33'05" ♄	23°09'37"	00°00'00"	-00°03'44"	0.003
09/12/2019 00:00:00	♃	01°26'30" ♄	03°20'00"	03°00'30"	-00°00'13"	18.547
09/12/2019 00:00:00	♁	24°28'29" ♉	-06°45'25"	-04°58'16"	00°06'43"	0.003
09/12/2019 00:00:00	T♁	08°33'05" ♄	23°09'37"	00°00'00"	-00°03'44"	0.003
09/12/2019 00:00:00	T♃	15°09'37" ♉	-10°16'37"	-04°48'29"	-02°43'54"	0.003
09/12/2019 00:00:00	X	23°19'12" ♄	-01°56'44"	-11°49'39"	-00°00'20"	95.436
09/12/2019 00:00:00	Y	27°16'27" ♄	07°48'12"	-12°02'40"	-00°00'35"	83.742

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10/12/2019 00:00:00	☉	17°36'36" ♈	-22°51'32"	-00°00'00"	01°00'56"	0.985
10/12/2019 00:00:00	☾	21°03'30" ♉	14°17'19"	-03°51'51"	12°41'32"	0.003
10/12/2019 00:00:00	♁	00°51'39" ♈	-19°08'26"	01°12'47"	01°26'54"	1.241
10/12/2019 00:00:00	♀	17°18'45" ♉	-23°59'32"	01°41'27"	01°14'10"	1.395
10/12/2019 00:00:00	♂	13°40'24" ♎	-15°24'24"	00°33'35"	00°39'52"	2.333
10/12/2019 00:00:00	♃	01°37'30" ♉	-23°18'09"	00°07'25"	00°13'34"	6.186
10/12/2019 00:00:00	♄	18°54'55" ♉	-22°01'23"	00°04'44"	00°06'24"	10.865
10/12/2019 00:00:00	♅	03°04'48" ♉	12°03'48"	-00°30'15"	-00°01'32"	19.107
10/12/2019 00:00:00	♆	15°58'15" ♈	-06°29'15"	-01°02'09"	00°00'25"	29.945
10/12/2019 00:00:00	♇	21°41'56" ♉	-22°18'08"	-00°37'21"	00°01'43"	34.747
10/12/2019 00:00:00	♈	08°29'30" ♉	23°09'50"	00°00'00"	-00°03'22"	0.003
10/12/2019 00:00:00	♉	01°26'18" ♈	03°19'43"	03°00'17"	-00°00'10"	18.564
10/12/2019 00:00:00	♊	24°35'13" ♈	-06°42'57"	-04°58'30"	00°06'43"	0.003
10/12/2019 00:00:00	♋	08°29'30" ♉	23°09'50"	00°00'00"	-00°03'22"	0.003
10/12/2019 00:00:00	♌	12°23'52" ♈	-11°15'20"	-04°42'31"	-02°42'00"	0.003
10/12/2019 00:00:00	X	23°18'52" ♈	-01°56'44"	-11°49'30"	-00°00'20"	95.450
10/12/2019 00:00:00	Y	27°15'52" ♉	07°48'07"	-12°02'37"	-00°00'35"	83.748
11/12/2019 00:00:00	☉	18°37'33" ♈	-22°56'57"	-00°00'00"	01°00'57"	0.985
11/12/2019 00:00:00	☾	03°53'12" ♈	17°59'41"	-02°58'51"	12°57'53"	0.003

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11/12/2019 00:00:00	♀	02°18'57" ♄	-19°33'11"	01°05'23"	01°27'40"	1.257
11/12/2019 00:00:00	♀	18°32'55" ♄	-23°50'48" ♁	-01°42'39"	01°14'09"	1.390
11/12/2019 00:00:00	♂	14°20'18" ♃	-15°36'43"	00°33'05"	00°39'53"	2.327
11/12/2019 00:00:00	♃	01°51'06" ♄	-23°18'04"	00°07'19"	00°13'36"	6.189
11/12/2019 00:00:00	♃	19°01'21" ♄	-22°00'34"	00°04'40"	00°06'27"	10.873
11/12/2019 00:00:00	♃	03°03'16" ♄	12°03'19"	-00°30'14"	-00°01'30"	19.120
11/12/2019 00:00:00	♃	15°58'42" ♃	-06°29'03"	-01°02'07"	00°00'27"	29.963
11/12/2019 00:00:00	♃	21°43'40" ♄	-22°17'56"	-00°37'26"	00°01'44"	34.757
11/12/2019 00:00:00	♃	08°26'29" ♄	23°10'02"	00°00'00"	-00°02'36"	0.003
11/12/2019 00:00:00	♃	01°26'09" ♃	03°19'27"	03°00'03"	-00°00'07"	18.581
11/12/2019 00:00:00	♃	24°41'56" ♃	-06°40'29"	-04°58'44"	00°06'43"	0.003
11/12/2019 00:00:00	♃	08°26'29" ♄	23°10'02"	00°00'00"	-00°02'36"	0.003
11/12/2019 00:00:00	♃	09°57'30" ♃	-12°06'08"	-04°36'48"	-02°04'56"	0.003
11/12/2019 00:00:00	X	23°18'32" ♃	-01°56'43"	-11°49'22"	-00°00'19"	95.464
11/12/2019 00:00:00	Y	27°15'17" ♄	07°48'03"	-12°02'33"	-00°00'34"	83.753
12/12/2019 00:00:00	♁	19°38'31" ♄	-23°01'55"	-00°00'00"	01°00'58"	0.985
12/12/2019 00:00:00	♁	16°59'12" ♃	20°53'10"	-01°55'21"	13°13'57"	0.003
12/12/2019 00:00:00	♀	03°46'58" ♄	-19°57'20"	00°57'56"	01°28'20"	1.272
12/12/2019 00:00:00	♀	19°47'04" ♄	-23°41'20" ♁	-01°43'46"	01°14'07"	1.385

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12/12/2019 00:00:00	♂	15°00'12" ♍	-15°48'55"	00°32'36"	00°39'55"	2.320
12/12/2019 00:00:00	♃	02°04'43" ♍	-23°17'57"	00°07'13"	00°13'37"	6.192
12/12/2019 00:00:00	♃	19°07'49" ♍	-21°59'44"	00°04'35"	00°06'29"	10.882
12/12/2019 00:00:00	♃	03°01'47" ♎	12°02'50"	-00°30'12"	-00°01'27"	19.132
12/12/2019 00:00:00	♃	15°59'11" ♋	-06°28'50"	-01°02'06"	00°00'30"	29.980
12/12/2019 00:00:00	♃	21°45'26" ♍	-22°17'44"	-00°37'31"	00°01'45"	34.767
12/12/2019 00:00:00	♁	08°24'22" ♃	23°10'10"	00°00'00"	-00°01'36"	0.003
12/12/2019 00:00:00	♃	01°26'03" ♎	03°19'12"	02°59'49"	-00°00'03"	18.598
12/12/2019 00:00:00	♃	24°48'39" ♋	-06°38'01"	-04°58'57"	00°06'43"	0.003
12/12/2019 00:00:00	♁	08°24'22" ♃	23°10'10"	00°00'00"	-00°01'36"	0.003
12/12/2019 00:00:00	♃	08°23'48" ♎	-12°38'12"	-04°33'03"	-00°58'50"	0.003
12/12/2019 00:00:00	X	23°18'12" ♎	-01°56'42"	-11°49'14"	-00°00'19"	95.478
12/12/2019 00:00:00	Y	27°14'43" ♎	07°47'59"	-12°02'30"	-00°00'34"	83.759
13/12/2019 00:00:00	♁	20°39'30" ♈	-23°06'25"	-00°00'00"	01°00'59"	0.984
13/12/2019 00:00:00	♁	00°20'43" ♃	22°41'52"	-00°44'15"	13°28'47"	0.003
13/12/2019 00:00:00	♃	05°15'35" ♈	-20°20'50"	00°50'29"	01°28'54"	1.286
13/12/2019 00:00:00	♀	21°01'11" ♍	-23°31'10"	-01°44'50"	01°14'06"	1.380
13/12/2019 00:00:00	♂	15°40'08" ♍	-16°01'00"	00°32'06"	00°39'56"	2.314
13/12/2019 00:00:00	♃	02°18'21" ♍	-23°17'50"	00°07'07"	00°13'39"	6.195



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13/12/2019 00:00:00	♃	19°14'20" ♁	-21°58'53"	00°04'31"	00°06'31"	10.890
13/12/2019 00:00:00	♃	03°00'21" ♁	12°02'22"	-00°30'11"	-00°01'25"	19.145
13/12/2019 00:00:00	♃	15°59'42" ♁	-06°28'36"	-01°02'04"	00°00'32"	29.997
13/12/2019 00:00:00	♃	21°47'12" ♁	-22°17'31"	-00°37'35"	00°01'46"	34.777
13/12/2019 00:00:00	♃	08°23'17" ♁	23°10'14"	00°00'00"	-00°00'33"	0.003
13/12/2019 00:00:00	♃	01°26'01" ♁	03°18'59"	02°59'36"	-00°00'00"	18.615
13/12/2019 00:00:00	♃	24°55'22" ♁	-06°35'33"	-04°59'10"	00°06'43"	0.003
13/12/2019 00:00:00	♃	08°23'17" ♁	23°10'14"	00°00'00"	-00°00'33"	0.003
13/12/2019 00:00:00	♃	08°03'50" ♁	-12°45'14"	-04°32'30"	00°19'17"	0.003
13/12/2019 00:00:00	X	23°17'53" ♁	-01°56'41"	-11°49'05"	-00°00'18"	95.492
13/12/2019 00:00:00	Y	27°14'09" ♁	07°47'55"	-12°02'26"	-00°00'34"	83.765
14/12/2019 00:00:00	♃	21°40'29" ♁	-23°10'28"	00°00'00"	01°01'00"	0.984
14/12/2019 00:00:00	♃	13°56'10" ♁	23°12'52"	00°30'37"	13°41'43"	0.003
14/12/2019 00:00:00	♃	06°44'45" ♁	-20°43'35"	00°43'00"	01°29'24"	1.299
14/12/2019 00:00:00	♃	22°15'17" ♁	-23°20'19"	-01°45'49"	01°14'05"	1.375
14/12/2019 00:00:00	♃	16°20'06" ♁	-16°12'58"	00°31'35"	00°39'58"	2.307
14/12/2019 00:00:00	♃	02°32'01" ♁	-23°17'40"	00°07'01"	00°13'40"	6.198
14/12/2019 00:00:00	♃	19°20'53" ♁	-21°58'02"	00°04'26"	00°06'33"	10.897
14/12/2019 00:00:00	♃	02°58'57" ♁	12°01'55"	-00°30'09"	-00°01'22"	19.157

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14/12/2019 00:00:00	♁	16°00'15" ♀	-06°28'22"	-01°02'02"	00°00'34"	30.014
14/12/2019 00:00:00	♁	21°48'59" ♀	-22°17'19"	-00°37'40"	00°01'47"	34.786
14/12/2019 00:00:00	♁	08°23'11" ♀	23°10'14"	00°00'00"	00°00'20"	0.003
14/12/2019 00:00:00	♁	01°26'02" ♀	03°18'47"	02°59'22"	00°00'02"	18.633
14/12/2019 00:00:00	♁	25°02'06" ♀	-06°33'05"	-04°59'23"	00°06'43"	0.003
14/12/2019 00:00:00	♁	08°23'11" ♀	23°10'14"	00°00'00"	00°00'20"	0.003
14/12/2019 00:00:00	♁	09°00'23" ♀	-12°26'31"	-04°35'23"	01°31'35"	0.003
14/12/2019 00:00:00	X	23°17'35" ♀	-01°56'40"	-11°48'57"	-00°00'17"	95.506
14/12/2019 00:00:00	Y	27°13'35" ♀	07°47'51"	-12°02'23"	-00°00'33"	83.771
15/12/2019 00:00:00	♁	22°41'30" ♀	-23°14'03"	00°00'00"	01°01'00"	0.984
15/12/2019 00:00:00	♁	27°43'24" ♀	22°19'36"	01°44'52"	13°52'20"	0.003
15/12/2019 00:00:00	♁	08°14'23" ♀	-21°05'33"	00°35'33"	01°29'50"	1.312
15/12/2019 00:00:00	♁	23°29'21" ♀	-23°08'45"	-01°46'44"	01°14'03"	1.369
15/12/2019 00:00:00	♁	17°00'04" ♀	-16°24'50"	00°31'05"	00°39'59"	2.301
15/12/2019 00:00:00	♁	02°45'42" ♀	-23°17'30"	00°06'55"	00°13'41"	6.200
15/12/2019 00:00:00	♁	19°27'27" ♀	-21°57'10"	00°04'21"	00°06'35"	10.905
15/12/2019 00:00:00	♁	02°57'36" ♀	12°01'29"	-00°30'07"	-00°01'19"	19.170
15/12/2019 00:00:00	♁	16°00'50" ♀	-06°28'07"	-01°02'01"	00°00'36"	30.032
15/12/2019 00:00:00	♁	21°50'47" ♀	-22°17'07"	-00°37'45"	00°01'48"	34.795

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15/12/2019 00:00:00	♏	08°23'53" ♉	23°10'12"	00°00'00"	00°00'58"	0.003
15/12/2019 00:00:00	♋	01°26'06" ♏	03°18'36"	02°59'08"	00°00'06"	18.650
15/12/2019 00:00:00	♏	25°08'49" ♏	-06°30'36"	-04°59'36"	00°06'43"	0.003
15/12/2019 00:00:00	T♏	08°23'53" ♉	23°10'12"	00°00'00"	00°00'58"	0.003
15/12/2019 00:00:00	T♏	11°00'43" ♏	-11°45'43"	-04°40'51"	02°25'12"	0.003
15/12/2019 00:00:00	X	23°17'18" ♏	-01°56'38"	-11°48'48"	-00°00'17"	95.521
15/12/2019 00:00:00	Y	27°13'01" ♏	07°47'48"	-12°02'19"	-00°00'33"	83.777
16/12/2019 00:00:00	♏	23°42'31" ♏	-23°17'11"	00°00'00"	01°01'01"	0.984
16/12/2019 00:00:00	♏	11°40'01" ♏	20°03'55"	02°53'46"	14°00'30"	0.002
16/12/2019 00:00:00	♏	09°44'26" ♏	-21°26'40"	00°28'08"	01°30'14"	1.324
16/12/2019 00:00:00	♏	24°43'25" ♏	-22°56'31"	-01°47'35"	01°14'02"	1.364
16/12/2019 00:00:00	♏	17°40'04" ♏	-16°36'34"	00°30'34"	00°40'00"	2.294
16/12/2019 00:00:00	♏	02°59'24" ♏	-23°17'18"	00°06'50"	00°13'42"	6.202
16/12/2019 00:00:00	♏	19°34'04" ♏	-21°56'18"	00°04'17"	00°06'37"	10.912
16/12/2019 00:00:00	♏	02°56'18" ♏	12°01'04"	-00°30'06"	-00°01'17"	19.184
16/12/2019 00:00:00	♏	16°01'27" ♏	-06°27'51"	-01°01'59"	00°00'38"	30.049
16/12/2019 00:00:00	♏	21°52'36" ♏	-22°16'54"	-00°37'50"	00°01'49"	34.804
16/12/2019 00:00:00	♏	08°25'00" ♉	23°10'08"	00°00'00"	00°01'13"	0.003
16/12/2019 00:00:00	♋	01°26'14" ♏	03°18'26"	02°58'55"	00°00'09"	18.667

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16/12/2019 00:00:00	☾	25°15'32" ♈	-06°28'08"	-04°59'49"	00°06'43"	0.003
16/12/2019 00:00:00	♁	08°25'00" ♉	23°10'08"	00°00'00"	00°01'13"	0.003
16/12/2019 00:00:00	♁	13°42'17" ♈	-10°49'37"	-04°47'29"	02°53'30"	0.003
16/12/2019 00:00:00	X	23°17'01" ♄	-01°56'36"	-11°48'40"	-00°00'16"	95.536
16/12/2019 00:00:00	Y	27°12'28" ♄	07°47'45"	-12°02'15"	-00°00'33"	83.784
17/12/2019 00:00:00	☉	24°43'34" ♈	-23°19'51"	00°00'00"	01°01'02"	0.984
17/12/2019 00:00:00	☾	25°43'37" ♉	16°35'31"	03°52'49"	14°06'18"	0.002
17/12/2019 00:00:00	♀	11°14'51" ♈	-21°46'53"	00°20'45"	01°30'34"	1.336
17/12/2019 00:00:00	♀	25°57'26" ♉	-22°43'37"	-01°48'21"	01°14'00"	1.359
17/12/2019 00:00:00	♂	18°20'06" ♉	-16°48'11"	00°30'03"	00°40'02"	2.288
17/12/2019 00:00:00	♃	03°13'08" ♉	-23°17'04"	00°06'44"	00°13'43"	6.204
17/12/2019 00:00:00	♃	19°40'43" ♉	-21°55'25"	00°04'12"	00°06'39"	10.919
17/12/2019 00:00:00	♃	02°55'02" ♄	12°00'39"	-00°30'04"	-00°01'14"	19.197
17/12/2019 00:00:00	♃	16°02'06" ♈	-06°27'34"	-01°01'58"	00°00'40"	30.066
17/12/2019 00:00:00	♃	21°54'25" ♉	-22°16'41"	-00°37'55"	00°01'49"	34.813
17/12/2019 00:00:00	♁	08°26'12" ♉	23°10'03"	00°00'00"	00°01'05"	0.003
17/12/2019 00:00:00	♃	01°26'25" ♄	03°18'18"	02°58'41"	00°00'12"	18.685
17/12/2019 00:00:00	☾	25°22'16" ♈	-06°25'39"	-05°00'02"	00°06'43"	0.003
17/12/2019 00:00:00	♁	08°26'12" ♉	23°10'03"	00°00'00"	00°01'05"	0.003

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17/12/2019 00:00:00	T♄	16°39'29" ♈	-09°46'36"	-04°53'58"	02°57'28"	0.003
17/12/2019 00:00:00	X	23°16'44" ♏	-01°56'34"	-11°48'31"	-00°00'16"	95.550
17/12/2019 00:00:00	Y	27°11'55" ♏	07°47'42"	-12°02'11"	-00°00'32"	83.791
18/12/2019 00:00:00	☉	25°44'37" ♏	-23°22'03"	00°00'00"	01°01'03"	0.984
18/12/2019 00:00:00	☾	09°51'53" ♏	12°09'28"	04°38'06"	14°09'52"	0.002
18/12/2019 00:00:00	♀	12°45'35" ♏	-22°06'09"	00°13'26"	01°30'53"	1.346
18/12/2019 00:00:00	♀	27°11'26" ♏	-22°30'02"	-01°49'02"	01°13'59"	1.354
18/12/2019 00:00:00	♂	19°00'09" ♏	-16°59'41"	00°29'32"	00°40'03"	2.281
18/12/2019 00:00:00	♃	03°26'52" ♏	-23°16'49"	00°06'38"	00°13'44"	6.206
18/12/2019 00:00:00	♅	19°47'24" ♏	-21°54'31"	00°04'08"	00°06'41"	10.926
18/12/2019 00:00:00	♁	02°53'48" ♏	12°00'16"	-00°30'02"	-00°01'12"	19.211
18/12/2019 00:00:00	♃	16°02'48" ♈	-06°27'17"	-01°01'56"	00°00'42"	30.083
18/12/2019 00:00:00	♁	21°56'16" ♏	-22°16'28"	-00°38'00"	00°01'50"	34.821
18/12/2019 00:00:00	♁	08°27'06" ♏	23°10'00"	00°00'00"	00°00'41"	0.003
18/12/2019 00:00:00	♁	01°26'39" ♏	03°18'11"	02°58'27"	00°00'15"	18.702
18/12/2019 00:00:00	♄	25°28'59" ♈	-06°23'10"	-05°00'14"	00°06'43"	0.003
18/12/2019 00:00:00	T♁	08°27'06" ♏	23°10'00"	00°00'00"	00°00'41"	0.003
18/12/2019 00:00:00	T♄	19°33'01" ♈	-08°43'32"	-04°59'32"	02°49'12"	0.003
18/12/2019 00:00:00	X	23°16'28" ♏	-01°56'32"	-11°48'22"	-00°00'15"	95.565

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18/12/2019 00:00:00	Y	27°11'22" ♂r	07°47'39"	-12°02'07"	-00°00'32"	83.799
19/12/2019 00:00:00	☉	26°45'41" ♀	-23°23'46"	00°00'00"	01°01'04"	0.984
19/12/2019 00:00:00	☾	24°02'39" ♃	07°03'19"	05°06'37"	14°11'18"	0.002
19/12/2019 00:00:00	♀	14°16'37" ♀	-22°24'26"	00°06'12"	01°31'10"	1.356
19/12/2019 00:00:00	♀	28°25'25" ♂	-22°15'48"	-01°49'39"	01°13'58"	1.349
19/12/2019 00:00:00	♂	19°40'13" ♃	-17°11'03"	00°29'00"	00°40'04"	2.275
19/12/2019 00:00:00	♃	03°40'37" ♂	-23°16'33"	00°06'32"	00°13'45"	6.208
19/12/2019 00:00:00	♃	19°54'07" ♂	-21°53'37"	00°04'03"	00°06'43"	10.933
19/12/2019 00:00:00	♃	02°52'37" ♂r	11°59'53"	-00°30'00"	-00°01'09"	19.224
19/12/2019 00:00:00	♃	16°03'31" ♃	-06°26'59"	-01°01'54"	00°00'44"	30.100
19/12/2019 00:00:00	♃	21°58'07" ♂	-22°16'15"	-00°38'05"	00°01'51"	34.829
19/12/2019 00:00:00	♃	08°27'31" ♃	23°09'58"	00°00'00"	00°00'06"	0.003
19/12/2019 00:00:00	♃	01°26'57" ♃	03°18'06"	02°58'14"	00°00'19"	18.719
19/12/2019 00:00:00	♃	25°35'42" ♃	-06°20'41"	-05°00'26"	00°06'43"	0.003
19/12/2019 00:00:00	T♃	08°27'31" ♃	23°09'58"	00°00'00"	00°00'06"	0.003
19/12/2019 00:00:00	T♃	22°20'52" ♃	-07°41'26"	-05°04'09"	02°49'37"	0.003
19/12/2019 00:00:00	X	23°16'13" ♃r	-01°56'29"	-11°48'14"	-00°00'15"	95.580
19/12/2019 00:00:00	Y	27°10'50" ♂r	07°47'36"	-12°02'02"	-00°00'32"	83.806
20/12/2019 00:00:00	☉	27°46'46" ♀	-23°25'02"	00°00'00"	01°01'05"	0.984

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20/12/2019 00:00:00	☾	08°13'48" ♁	01°35'07"	05°16'31"	14°10'37"	0.002
20/12/2019 00:00:00	♁	15°47'56" ♀	-22°41'42"	-00°00'57"	01°31'26"	1.366
20/12/2019 00:00:00	♀	29°39'22" ♄	-22°00'56"	-01°50'12"	01°13'56"	1.343
20/12/2019 00:00:00	♂	20°20'18" ♃	-17°22'18"	00°28'28"	00°40'06"	2.268
20/12/2019 00:00:00	♃	03°54'23" ♄	-23°16'15"	00°06'27"	00°13'46"	6.209
20/12/2019 00:00:00	♄	20°00'51" ♄	-21°52'43"	00°03'59"	00°06'45"	10.939
20/12/2019 00:00:00	♅	02°51'29" ♃	11°59'32"	-00°29'59"	-00°01'06"	19.238
20/12/2019 00:00:00	♆	16°04'16" ♃	-06°26'40"	-01°01'53"	00°00'46"	30.117
20/12/2019 00:00:00	♇	21°59'58" ♄	-22°16'02"	-00°38'09"	00°01'52"	34.837
20/12/2019 00:00:00	♈	08°27'21" ♃	23°09'59"	00°00'00"	-00°00'25"	0.003
20/12/2019 00:00:00	♉	01°27'18" ♃	03°18'02"	02°58'00"	00°00'22"	18.737
20/12/2019 00:00:00	♊	25°42'25" ♃	-06°18'12"	-05°00'38"	00°06'43"	0.003
20/12/2019 00:00:00	♋	08°27'21" ♃	23°09'59"	00°00'00"	-00°00'25"	0.003
20/12/2019 00:00:00	♌	25°19'10" ♃	-06°34'27"	-05°08'17"	03°09'51"	0.003
20/12/2019 00:00:00	♍	23°15'58" ♃	-01°56'26"	-11°48'05"	-00°00'14"	95.596
20/12/2019 00:00:00	♎	27°10'18" ♃	07°47'34"	-12°01'58"	-00°00'31"	83.814
21/12/2019 00:00:00	♏	28°47'52" ♀	-23°25'49"	00°00'00"	01°01'06"	0.984
21/12/2019 00:00:00	♐	22°23'08" ♁	-03°57'17"	05°07'15"	14°07'38"	0.002
21/12/2019 00:00:00	♑	17°19'31" ♀	-22°57'54"	-00°08'00"	01°31'42"	1.375

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21/12/2019 00:00:00	♀	00°53'18" ♊	-21°45'25"	-01°50'40"	01°13'55"	1.338
21/12/2019 00:00:00	♂	21°00'25" ♎	-17°33'25"	00°27'56"	00°40'07"	2.261
21/12/2019 00:00:00	♃	04°08'10" ♎	-23°15'56"	00°06'21"	00°13'47"	6.210
21/12/2019 00:00:00	♅	20°07'37" ♎	-21°51'47"	00°03'55"	00°06'47"	10.945
21/12/2019 00:00:00	♁	02°50'24" ♉	11°59'11"	-00°29'57"	-00°01'03"	19.253
21/12/2019 00:00:00	♃	16°05'03" ♎	-06°26'20"	-01°01'51"	00°00'48"	30.134
21/12/2019 00:00:00	♃	22°01'51" ♎	-22°15'49"	-00°38'14"	00°01'52"	34.845
21/12/2019 00:00:00	♄	08°26'42" ♉	23°10'01"	00°00'00"	-00°00'50"	0.003
21/12/2019 00:00:00	♃	01°27'42" ♎	03°17'59"	02°57'47"	00°00'25"	18.754
21/12/2019 00:00:00	♃	25°49'08" ♎	-06°15'43"	-05°00'50"	00°06'43"	0.003
21/12/2019 00:00:00	T♄	08°26'42" ♉	23°10'01"	00°00'00"	-00°00'50"	0.003
21/12/2019 00:00:00	T♃	28°42'45" ♎	-05°16'54"	-05°12'00"	03°36'13"	0.003
21/12/2019 00:00:00	X	23°15'44" ♎	-01°56'23"	-11°47'56"	-00°00'13"	95.611
21/12/2019 00:00:00	Y	27°09'46" ♉	07°47'32"	-12°01'53"	-00°00'31"	83.822
22/12/2019 00:00:00	♁	29°48'59" ♉	-23°26'09"	00°00'00"	01°01'07"	0.984
22/12/2019 00:00:00	♃	06°28'16" ♎	-09°16'14"	04°39'34"	14°02'10"	0.002
22/12/2019 00:00:00	♃	18°51'20" ♉	-23°13'01"	-00°14'57"	01°31'56"	1.383
22/12/2019 00:00:00	♀	02°07'13" ♊	-21°29'16"	-01°51'02"	01°13'53"	1.333
22/12/2019 00:00:00	♂	21°40'33" ♎	-17°44'25"	00°27'23"	00°40'08"	2.254



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22/12/2019 00:00:00	♃	04°21'57" ♊	-23°15'35"	00°06'15"	00°13'47"	6.211
22/12/2019 00:00:00	♅	20°14'25" ♊	-21°50'51"	00°03'50"	00°06'48"	10.951
22/12/2019 00:00:00	♁	02°49'21" ♏	11°58'52"	-00°29'55"	-00°01'01"	19.267
22/12/2019 00:00:00	♆	16°05'52" ♏	-06°25'59"	-01°01'50"	00°00'50"	30.151
22/12/2019 00:00:00	♁	22°03'44" ♊	-22°15'36"	-00°38'19"	00°01'53"	34.852
22/12/2019 00:00:00	♄	08°25'45" ♏	23°10'05"	00°00'00"	-00°01'01"	0.003
22/12/2019 00:00:00	♃	01°28'09" ♏	03°17'57"	02°57'33"	00°00'29"	18.772
22/12/2019 00:00:00	♁	25°55'51" ♏	-06°13'14"	-05°01'02"	00°06'43"	0.003
22/12/2019 00:00:00	♄♁	08°25'45" ♏	23°10'05"	00°00'00"	-00°01'01"	0.003
22/12/2019 00:00:00	♄♁	02°25'33" ♏	-03°51'00"	-05°14'50"	03°44'52"	0.003
22/12/2019 00:00:00	X	23°15'30" ♏	-01°56'19"	-11°47'47"	-00°00'13"	95.626
22/12/2019 00:00:00	Y	27°09'15" ♏	07°47'30"	-12°01'48"	-00°00'30"	83.831
23/12/2019 00:00:00	♁	00°50'06" ♊	-23°26'00"	00°00'00"	01°01'07"	0.984
23/12/2019 00:00:00	♃	20°26'35" ♏	-14°04'15"	03°55'29"	13°54'01"	0.003
23/12/2019 00:00:00	♁	20°23'24" ♏	-23°27'01"	-00°21'47"	01°32'11"	1.391
23/12/2019 00:00:00	♁	03°21'05" ♏	-21°12'31"	-01°51'21"	01°13'52"	1.327
23/12/2019 00:00:00	♁	22°20'43" ♏	-17°55'16"	00°26'50"	00°40'10"	2.248
23/12/2019 00:00:00	♃	04°35'46" ♊	-23°15'13"	00°06'09"	00°13'48"	6.212
23/12/2019 00:00:00	♅	20°21'15" ♊	-21°49'55"	00°03'46"	00°06'50"	10.957

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23/12/2019 00:00:00	♃	02°48'22"	♎	11°58'33"	-00°29'53"	-00°00'58"	19.281
23/12/2019 00:00:00	♃	16°06'43"	♈	-06°25'38"	-01°01'48"	00°00'52"	30.168
23/12/2019 00:00:00	♃	22°05'38"	♎	-22°15'22"	-00°38'24"	00°01'54"	34.859
23/12/2019 00:00:00	♁	08°24'43"	♎	23°10'09"	00°00'00"	-00°00'59"	0.003
23/12/2019 00:00:00	♃	01°28'40"	♈	03°17'57"	02°57'19"	00°00'32"	18.789
23/12/2019 00:00:00	♃	26°02'35"	♈	-06°10'44"	-05°01'14"	00°06'43"	0.003
23/12/2019 00:00:00	♁	08°24'43"	♎	23°10'09"	00°00'00"	-00°00'59"	0.003
23/12/2019 00:00:00	♃	06°02'11"	♈	-02°26'43"	-05°16'21"	03°23'01"	0.003
23/12/2019 00:00:00	X	23°15'17"	♈	-01°56'16"	-11°47'38"	-00°00'12"	95.642
23/12/2019 00:00:00	Y	27°08'44"	♎	07°47'28"	-12°01'43"	-00°00'30"	83.839
24/12/2019 00:00:00	♁	01°51'15"	♎	-23°25'22"	00°00'00"	01°01'08"	0.984
24/12/2019 00:00:00	♃	04°15'24"	♈	-18°04'29"	02°58'06"	13°43'09"	0.003
24/12/2019 00:00:00	♃	21°55'42"	♈	-23°39'51"	-00°28'29"	01°32'25"	1.398
24/12/2019 00:00:00	♃	04°34'57"	♎	-20°55'09"	-01°51'34"	01°13'50"	1.322
24/12/2019 00:00:00	♈	23°00'54"	♎	-18°05'59"	00°26'17"	00°40'11"	2.241
24/12/2019 00:00:00	♈	04°49'34"	♎	-23°14'49"	00°06'04"	00°13'49"	6.213
24/12/2019 00:00:00	♈	20°28'06"	♎	-21°48'58"	00°03'41"	00°06'51"	10.962
24/12/2019 00:00:00	♃	02°47'25"	♎	11°58'15"	-00°29'52"	-00°00'55"	19.296
24/12/2019 00:00:00	♃	16°07'37"	♈	-06°25'16"	-01°01'47"	00°00'54"	30.185

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24/12/2019 00:00:00	♁	22°07'32" ♉	-22°15'08"	-00°38'29"	00°01'54"	34.866
24/12/2019 00:00:00	♁	08°23'50" ♉	23°10'12"	00°00'00"	-00°00'45"	0.003
24/12/2019 00:00:00	♊	01°29'14" ♉	03°17'58"	02°57'06"	00°00'35"	18.807
24/12/2019 00:00:00	♋	26°09'18" ♉	-06°08'14"	-05°01'26"	00°06'43"	0.003
24/12/2019 00:00:00	♁	08°23'50" ♉	23°10'12"	00°00'00"	-00°00'45"	0.003
24/12/2019 00:00:00	♋	09°01'31" ♉	-01°16'36"	-05°16'42"	02°31'04"	0.003
24/12/2019 00:00:00	X	23°15'05" ♉	-01°56'12"	-11°47'29"	-00°00'11"	95.658
24/12/2019 00:00:00	Y	27°08'14" ♉	07°47'27"	-12°01'38"	-00°00'30"	83.848
25/12/2019 00:00:00	♁	02°52'24" ♉	-23°24'17"	00°00'00"	01°01'09"	0.984
25/12/2019 00:00:00	♁	17°52'06" ♉	-21°02'04"	01°51'20"	13°29'50"	0.003
25/12/2019 00:00:00	♋	23°28'15" ♉	-23°51'31"	00°35'03"	01°32'39"	1.404
25/12/2019 00:00:00	♋	05°48'46" ♉	-20°37'12"	-01°51'42"	01°13'48"	1.317
25/12/2019 00:00:00	♋	23°41'06" ♉	-18°16'34"	00°25'44"	00°40'12"	2.234
25/12/2019 00:00:00	♋	05°03'24" ♉	-23°14'23"	00°05'58"	00°13'49"	6.213
25/12/2019 00:00:00	♋	20°34'58" ♉	-21°48'00"	00°03'37"	00°06'53"	10.968
25/12/2019 00:00:00	♋	02°46'31" ♉	11°57'58"	-00°29'50"	-00°00'52"	19.311
25/12/2019 00:00:00	♋	16°08'32" ♉	-06°24'53"	-01°01'45"	00°00'56"	30.201
25/12/2019 00:00:00	♁	22°09'28" ♉	-22°14'55"	-00°38'34"	00°01'55"	34.873
25/12/2019 00:00:00	♁	08°23'14" ♉	23°10'14"	00°00'00"	-00°00'26"	0.003

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25/12/2019 00:00:00	♄	01°29'52" ♀	03°18'01"	02°56'52"	00°00'39"	18.824
25/12/2019 00:00:00	♁	26°16'01" ♀	-06°05'45"	-05°01'37"	00°06'43"	0.003
25/12/2019 00:00:00	♁	08°23'14" ♀	23°10'14"	00°00'00"	-00°00'26"	0.003
25/12/2019 00:00:00	♁	10°56'45" ♀	-00°31'28"	-05°16'31"	01°16'29"	0.003
25/12/2019 00:00:00	X	23°14'53" ♀	-01°56'07"	-11°47'20"	-00°00'11"	95.673
25/12/2019 00:00:00	Y	27°07'44" ♀	07°47'25"	-12°01'33"	-00°00'29"	83.857
26/12/2019 00:00:00	♁	03°53'33" ♀	-23°22'43"	00°00'00"	01°01'09"	0.984
26/12/2019 00:00:00	♁	01°14'27" ♀	-22°46'18"	00°39'30"	13°14'35"	0.003
26/12/2019 00:00:00	♁	25°01'01" ♀	-24°01'58"	00°41'28"	01°32'53"	1.410
26/12/2019 00:00:00	♁	07°02'34" ♀	-20°18'40"	-01°51'46"	01°13'46"	1.311
26/12/2019 00:00:00	♁	24°21'20" ♀	-18°27'01"	00°25'10"	00°40'14"	2.227
26/12/2019 00:00:00	♁	05°17'13" ♀	-23°13'57"	00°05'52"	00°13'49"	6.213
26/12/2019 00:00:00	♁	20°41'52" ♀	-21°47'02"	00°03'32"	00°06'54"	10.972
26/12/2019 00:00:00	♁	02°45'41" ♀	11°57'43"	-00°29'48"	-00°00'49"	19.326
26/12/2019 00:00:00	♁	16°09'29" ♀	-06°24'30"	-01°01'44"	00°00'58"	30.218
26/12/2019 00:00:00	♁	22°11'23" ♀	-22°14'41"	-00°38'39"	00°01'56"	34.879
26/12/2019 00:00:00	♁	08°22'57" ♀	23°10'15"	00°00'00"	-00°00'07"	0.003
26/12/2019 00:00:00	♁	01°30'33" ♀	03°18'05"	02°56'39"	00°00'42"	18.841
26/12/2019 00:00:00	♁	26°22'45" ♀	-06°03'14"	-05°01'48"	00°06'43"	0.003

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26/12/2019 00:00:00	T♄	08°22'57" ♉	23°10'15"	00°00'00"	-00°00'07"	0.003
26/12/2019 00:00:00	T♄	11°31'00" ♏	-00°18'07"	-05°16'28"	-00°08'23"	0.003
26/12/2019 00:00:00	X	23°14'42" ♏	-01°56'03"	-11°47'10"	-00°00'10"	95.689
26/12/2019 00:00:00	Y	27°07'15" ♏	07°47'24"	-12°01'28"	-00°00'29"	83.867
27/12/2019 00:00:00	☉	04°54'43" ♌	-23°20'41"	00°00'00"	01°01'09"	0.983
27/12/2019 00:00:00	☾	14°20'55" ♌	-23°12'40"	-00°33'02"	12°58'12"	0.003
27/12/2019 00:00:00	♁	26°34'02" ♏	-24°11'12"	00°47'43"	01°33'08"	1.416
27/12/2019 00:00:00	♀	08°16'19" ♏	-19°59'33"	-01°51'44"	01°13'44"	1.306
27/12/2019 00:00:00	♂	25°01'34" ♏	-18°37'20"	00°24'36"	00°40'15"	2.220
27/12/2019 00:00:00	♃	05°31'04" ♌	-23°13'29"	00°05'47"	00°13'50"	6.213
27/12/2019 00:00:00	♅	20°48'48" ♌	-21°46'03"	00°03'28"	00°06'56"	10.977
27/12/2019 00:00:00	♁	02°44'53" ♏	11°57'28"	-00°29'46"	-00°00'46"	19.341
27/12/2019 00:00:00	♃	16°10'28" ♏	-06°24'05"	-01°01'42"	00°01'00"	30.234
27/12/2019 00:00:00	♁	22°13'20" ♌	-22°14'27"	-00°38'44"	00°01'56"	34.885
27/12/2019 00:00:00	♁	08°22'57" ♉	23°10'15"	00°00'00"	00°00'05"	0.003
27/12/2019 00:00:00	♁	01°31'17" ♏	03°18'10"	02°56'25"	00°00'45"	18.859
27/12/2019 00:00:00	♁	26°29'28" ♏	-06°00'44"	-05°01'59"	00°06'43"	0.003
27/12/2019 00:00:00	T♄	08°22'57" ♉	23°10'15"	00°00'00"	00°00'05"	0.003
27/12/2019 00:00:00	T♄	10°42'10" ♏	-00°37'22"	-05°16'46"	-01°26'31"	0.003

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27/12/2019 00:00:00	X	23°14'32"	-01°55'58"	-11°47'01"	-00°00'09"	95.705
27/12/2019 00:00:00	Y	27°06'46"	07°47'23"	-12°01'22"	-00°00'28"	83.876
28/12/2019 00:00:00		05°55'53"	-23°18'11"	-00°00'00"	01°01'10"	0.983
28/12/2019 00:00:00		27°10'50"	-22°23'40"	-01°42'25"	12°41'41"	0.003
28/12/2019 00:00:00		28°07'18"	-24°19'11"	-00°53'49"	01°33'23"	1.420
28/12/2019 00:00:00		09°30'03"	-19°39'53"	-01°51'38"	01°13'42"	1.300
28/12/2019 00:00:00		25°41'50"	-18°47'30"	00°24'02"	00°40'16"	2.213
28/12/2019 00:00:00		05°44'51"	-23°12'58"	00°05'42"	00°13'54"	6.212
28/12/2019 00:00:00		20°55'44"	-21°45'04"	00°03'23"	00°06'57"	10.981
28/12/2019 00:00:00		02°44'08"	11°57'15"	-00°29'44"	-00°00'43"	19.356
28/12/2019 00:00:00		16°11'29"	-06°23'40"	-01°01'41"	00°01'01"	30.251
28/12/2019 00:00:00		22°15'16"	-22°14'13"	-00°38'49"	00°01'57"	34.890
28/12/2019 00:00:00		08°23'06"	23°10'15"	00°00'00"	00°00'11"	0.003
28/12/2019 00:00:00		01°32'05"	03°18'16"	02°56'12"	00°00'49"	18.876
28/12/2019 00:00:00		26°36'11"	-05°58'14"	-05°02'10"	00°06'43"	0.003
28/12/2019 00:00:00	T♁	08°23'06"	23°10'15"	00°00'00"	00°00'11"	0.003
28/12/2019 00:00:00	T♁	08°46'26"	-01°22'50"	-05°17'05"	-02°19'27"	0.003
28/12/2019 00:00:00	X	23°14'23"	-01°55'53"	-11°46'52"	-00°00'09"	95.721
28/12/2019 00:00:00	Y	27°06'18"	07°47'23"	-12°01'17"	-00°00'28"	83.886

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29/12/2019 00:00:00	☉	06°57'03" ♉	-23°15'13"	-00°00'00"	01°01'10"	0.983
29/12/2019 00:00:00	☾	09°44'36" ♊	-20°27'41"	-02°45'21"	12°26'05"	0.003
29/12/2019 00:00:00	♃	29°40'49" ♈	-24°25'53"	0-00°59'44"	01°33'38"	1.425
29/12/2019 00:00:00	♄	10°43'44" ♊	-19°19'41"	-01°51'26"	01°13'40"	1.295
29/12/2019 00:00:00	♅	26°22'07" ♎	-18°57'31"	00°23'27"	00°40'17"	2.206
29/12/2019 00:00:00	♆	05°58'43" ♉	-23°12'28"	00°05'35"	00°13'50"	6.212
29/12/2019 00:00:00	♇	21°02'42" ♉	-21°44'05"	00°03'19"	00°06'58"	10.986
29/12/2019 00:00:00	♈	02°43'26" ♉	11°57'02"	-00°29'42"	-00°00'40"	19.372
29/12/2019 00:00:00	♉	16°12'32" ♈	-06°23'14"	-01°01'39"	00°01'03"	30.267
29/12/2019 00:00:00	♊	22°17'14" ♉	-22°13'59"	-00°38'54"	00°01'57"	34.896
29/12/2019 00:00:00	♋	08°23'17" ♈	23°10'14"	00°00'00"	00°00'09"	0.003
29/12/2019 00:00:00	♌	01°32'55" ♈	03°18'24"	02°55'59"	00°00'52"	18.894
29/12/2019 00:00:00	♍	26°42'55" ♈	-05°55'43"	-05°02'21"	00°06'43"	0.003
29/12/2019 00:00:00	♎	08°23'17" ♈	23°10'14"	00°00'00"	00°00'09"	0.003
29/12/2019 00:00:00	♏	06°15'26" ♈	-02°22'00"	-05°16'54"	-02°36'25"	0.003
29/12/2019 00:00:00	♐	23°14'13" ♈	-01°55'47"	-11°46'43"	-00°00'08"	95.738
29/12/2019 00:00:00	♑	27°05'50" ♈	07°47'22"	-12°01'11"	-00°00'27"	83.896
30/12/2019 00:00:00	☉	07°58'13" ♉	-23°11'47"	-00°00'00"	01°01'10"	0.983
30/12/2019 00:00:00	☾	22°03'40" ♊	-17°36'34"	-03°39'19"	12°12'26"	0.003

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30/12/2019 00:00:00	♀	01°14'36" ♍	-24°31'18" ♍	-01°05'29" ♍	01°33'54" ♍	1.428
30/12/2019 00:00:00	♀	11°57'23" ♍	-18°58'56" ♍	-01°51'09" ♍	01°13'37" ♍	1.289
30/12/2019 00:00:00	♂	27°02'25" ♎	-19°07'23" ♎	00°22'52" ♎	00°40'18" ♎	2.199
30/12/2019 00:00:00	♋	06°12'33" ♍	-23°11'56" ♍	00°05'30" ♍	00°13'50" ♍	6.211
30/12/2019 00:00:00	♎	21°09'41" ♍	-21°43'04" ♍	00°03'15" ♍	00°06'59" ♍	10.989
30/12/2019 00:00:00	♏	02°42'47" ♏	11°56'50" ♏	-00°29'41" ♏	-00°00'37" ♏	19.387
30/12/2019 00:00:00	♏	16°13'37" ♏	-06°22'48" ♏	-01°01'38" ♏	00°01'05" ♏	30.283
30/12/2019 00:00:00	♏	22°19'11" ♍	-22°13'45" ♍	-00°39'00" ♍	00°01'57" ♍	34.901
30/12/2019 00:00:00	♏	08°23'24" ♏	23°10'14" ♏	00°00'00" ♏	00°00'03" ♏	0.003
30/12/2019 00:00:00	♏	01°33'49" ♏	03°18'33" ♏	02°55'45" ♏	00°00'55" ♏	18.911
30/12/2019 00:00:00	♏	26°49'38" ♏	-05°53'13" ♏	-05°02'32" ♏	00°06'43" ♏	0.003
30/12/2019 00:00:00	T♏	08°23'24" ♏	23°10'14" ♏	00°00'00" ♏	00°00'03" ♏	0.003
30/12/2019 00:00:00	T♏	03°44'17" ♏	-03°20'57" ♏	-05°16'06" ♏	-02°21'39" ♏	0.003
30/12/2019 00:00:00	X	23°14'05" ♏	-01°55'41" ♏	-11°46'33" ♏	-00°00'08" ♏	95.754
30/12/2019 00:00:00	Y	27°05'22" ♏	07°47'22" ♏	-12°01'05" ♏	-00°00'27" ♏	83.907
31/12/2019 00:00:00	♏	08°59'24" ♍	-23°07'53" ♍	-00°00'00" ♍	01°01'10" ♍	0.983
31/12/2019 00:00:00	♏	04°10'28" ♏	-14°02'55" ♏	-04°22'29" ♏	12°01'42" ♏	0.003
31/12/2019 00:00:00	♀	02°48'39" ♍	-24°35'23" ♍	-01°11'01" ♍	01°34'11" ♍	1.431
31/12/2019 00:00:00	♀	13°11'00" ♍	-18°37'41" ♍	-01°50'47" ♍	01°13'35" ♍	1.284



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31/12/2019 00:00:00	♂	27°42'44" ♎	-19°17'07"	00°22'17"	00°40'19"	2.192
31/12/2019 00:00:00	♃	06°26'23" ♎	-23°11'22"	00°05'24"	00°13'49"	6.210
31/12/2019 00:00:00	♅	21°16'41" ♎	-21°42'04"	00°03'10"	00°07'00"	10.993
31/12/2019 00:00:00	♁	02°42'11" ♉	11°56'40"	-00°29'39"	-00°00'34"	19.403
31/12/2019 00:00:00	♃	16°14'43" ♉	-06°22'21"	-01°01'36"	00°01'07"	30.299
31/12/2019 00:00:00	♁	22°21'09" ♎	-22°13'31"	-00°39'05"	00°01'58"	34.906
31/12/2019 00:00:00	♁	08°23'23" ♉	23°10'14"	00°00'00"	-00°00'04"	0.003
31/12/2019 00:00:00	♃	01°34'46" ♉	03°18'44"	02°55'32"	00°00'58"	18.929
31/12/2019 00:00:00	♁	26°56'21" ♉	-05°50'42"	-05°02'42"	00°06'43"	0.003
31/12/2019 00:00:00	♁	08°23'23" ♉	23°10'14"	00°00'00"	-00°00'04"	0.003
31/12/2019 00:00:00	♁	01°37'25" ♉	-04°10'12"	-05°14'56"	-01°50'58"	0.003
31/12/2019 00:00:00	X	23°13'57" ♉	-01°55'36"	-11°46'24"	-00°00'07"	95.770
31/12/2019 00:00:00	Y	27°04'55" ♉	07°47'22"	-12°00'59"	-00°00'26"	83.917