

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♁ Long	Black Moon ♁ Decl	Selena ♃ Long	Selena ♃ Decl	Sedna ♄ Long	Sedna ♄ Decl	Eris ♅ Long	Eris ♅ Decl
1 Jan 1935	01° 17' R	-19° 52'	16° 20' R	+14° 38'	18° 54'	+15° 09'	17° 39' R	-02° 07'	02° 16'	-23° 51'
1 Feb 1935	01° 07' D	-19° 54'	24° 18'	+11° 27'	23° 16'	+13° 45'	17° 43' D	-02° 03'	02° 26'	-23° 39'
1 Mar 1935	00° 31'	-20° 02'	11° 29'	+04° 06'	27° 13'	+12° 26'	17° 53'	-01° 58'	02° 43'	-23° 28'
1 Apr 1935	28° 22' R	-20° 29'	19° 03'	+00° 44'	01° 35'	+10° 54'	18° 09'	-01° 51'	03° 05'	-23° 17'
1 May 1935	25° 10'	-21° 06'	23° 43'	-01° 26'	05° 48'	+09° 22'	18° 26'	-01° 45'	03° 25'	-23° 11'
1 Jun 1935	22° 38'	-21° 32'	20° 09'	-00° 05'	10° 10'	+07° 45'	18° 40'	-01° 42'	03° 40'	-23° 11'
1 Jul 1935	21° 57'	-21° 39'	13° 40' D	+02° 35'	14° 24'	+06° 08'	18° 48'	-01° 41'	03° 45' R	-23° 15'
1 Aug 1935	21° 59'	-21° 39'	14° 13'	+02° 22'	18° 46'	+04° 26'	18° 49' R	-01° 43'	03° 39'	-23° 24'
1 Sep 1935	20° 54'	-21° 49'	23° 00'	-01° 22'	23° 08'	+02° 43'	18° 42'	-01° 48'	03° 25'	-23° 34'
1 Oct 1935	18° 12'	-22° 12'	02° 25'	-05° 23'	27° 21'	+01° 02'	18° 29'	-01° 54'	03° 06'	-23° 42'
1 Nov 1935	14° 58'	-22° 36'	13° 47'	-10° 06'	01° 43'	-00° 41'	18° 15'	-01° 59'	02° 47'	-23° 45'
1 Dec 1935	13° 09' D	-22° 47'	07° 54'	-07° 53'	05° 57'	-02° 21'	18° 04'	-02° 02'	02° 35'	-23° 43'
1 Jan 1936	12° 46'	-22° 50'	13° 38'	+02° 10'	10° 19'	-04° 05'	17° 59'	-02° 02'	02° 33' D	-23° 36'
1 Feb 1936	12° 29'	-22° 51'	05° 24'	+05° 38'	14° 40'	-05° 47'	18° 03' D	-01° 58'	02° 43'	-23° 24'
1 Mar 1936	10° 57'	-22° 59'	11° 10'	+03° 16'	18° 46'	-07° 21'	18° 13'	-01° 52'	03° 00'	-23° 12'
1 Apr 1936	08° 03' R	-23° 12'	24° 53'	-02° 28'	23° 07'	-08° 59'	18° 29'	-01° 46'	03° 22'	-23° 02'
1 May 1936	05° 11'	-23° 20'	05° 39'	-06° 55'	27° 21'	-10° 32'	18° 46'	-01° 40'	03° 42'	-22° 56'
1 Jun 1936	03° 41'	-23° 23'	12° 13' R	-09° 35'	01° 43'	-12° 04'	19° 00'	-01° 36'	03° 57'	-22° 55'
1 Jul 1936	03° 30' D	-23° 24'	12° 13'	-09° 37'	05° 56'	-13° 30'	19° 08'	-01° 35'	04° 01' R	-23° 00'
1 Aug 1936	03° 10' R	-23° 24'	07° 56'	-07° 54'	10° 18'	-14° 55'	19° 09' R	-01° 38'	03° 56'	-23° 08'
1 Sep 1936	01° 09'	-23° 26'	09° 43'	-08° 26'	14° 40'	-16° 14'	19° 02'	-01° 43'	03° 41'	-23° 18'
1 Oct 1936	27° 54'	-23° 25'	19° 48'	-12° 03'	18° 54'	-17° 26'	18° 49'	-01° 48'	03° 22'	-23° 26'
1 Nov 1936	25° 09'	-23° 21'	00° 20'	-15° 31'	23° 16'	-18° 35'	18° 35'	-01° 54'	03° 03'	-23° 30'
1 Dec 1936	24° 18' D	-23° 19'	12° 03'	-18° 50'	27° 29'	-19° 36'	18° 24'	-01° 57'	02° 52'	-23° 28'
1 Jan 1937	24° 11' R	-23° 19'	16° 48'	-19° 56'	01° 51'	-20° 32'	18° 19'	-01° 56'	02° 50' D	-23° 20'
1 Feb 1937	22° 59'	-23° 15'	17° 35'	-19° 56'	06° 13'	-21° 21'	18° 23' D	-01° 53'	02° 59'	-23° 08'
1 Mar 1937	20° 26'	-23° 06'	22° 23'	-20° 39'	10° 10'	-21° 58'	18° 23'	-01° 47'	03° 16'	-22° 57'
1 Apr 1937	17° 14'	-22° 50'	25° 38' D	-20° 59'	14° 31'	-22° 33'	18° 49'	-01° 40'	03° 38'	-22° 46'
1 May 1937	15° 30' D	-22° 39'	04° 22'	-22° 01'	18° 45'	-22° 58'	19° 06'	-01° 35'	03° 58'	-22° 40'
1 Jun 1937	15° 07'	-22° 37'	16° 47'	-22° 38'	23° 07'	-23° 16'	19° 20'	-01° 31'	04° 13'	-22° 40'
1 Jul 1937	14° 52' R	-22° 35'	26° 05'	-22° 22'	27° 20'	-23° 25'	19° 28'	-01° 30'	04° 18' R	-22° 44'
1 Aug 1937	13° 41' D	-22° 27'	27° 07' R	-22° 13'	01° 42'	-23° 26'	19° 29' R	-01° 32'	04° 12'	-22° 52'
1 Sep 1937	11° 06' R	-22° 06'	15° 29' D	-22° 16'	06° 04'	-23° 18'	19° 22'	-01° 37'	03° 58'	-23° 02'
1 Oct 1937	08° 07'	-21° 40'	01° 49'	-21° 04'	10° 18'	-23° 02'	19° 10'	-01° 43'	03° 39'	-23° 10'
1 Nov 1937	06° 16'	-21° 21'	04° 56'	-21° 14'	14° 40'	-22° 38'	18° 55'	-01° 48'	03° 20'	-23° 14'
1 Dec 1937	06° 06' D	-21° 20'	10° 28'	-21° 37'	18° 53'	-22° 06'	18° 44'	-01° 51'	03° 08'	-23° 12'
1 Jan 1938	05° 50' R	-21° 17'	20° 25'	-21° 47'	23° 15'	-21° 26'	18° 39'	-01° 51'	03° 06' D	-23° 04'
1 Feb 1938	03° 33'	-20° 52'	25° 02'	-21° 30'	27° 37'	-20° 38'	18° 43' D	-01° 47'	03° 16'	-22° 53'
1 Mar 1938	00° 34'	-20° 16'	17° 28' R	-21° 24'	01° 34'	-19° 49'	18° 53'	-01° 42'	03° 32'	-22° 41'
1 Apr 1938	27° 42'	-19° 39'	12° 06'	-20° 58'	05° 55'	-18° 47'	19° 09'	-01° 35'	03° 54'	-22° 31'
1 May 1938	26° 52'	-19° 27'	14° 44'	-20° 57'	10° 09'	-17° 42'	19° 25'	-01° 29'	04° 14'	-22° 25'
1 Jun 1938	26° 51'	-19° 27'	21° 17'	-20° 58'	14° 31'	-16° 28'	19° 40'	-01° 25'	04° 29'	-22° 24'
1 Jul 1938	26° 03'	-19° 16'	01° 35'	-20° 26'	18° 44'	-15° 12'	19° 49'	-01° 25'	04° 34'	-22° 28'
1 Aug 1938	23° 42'	-18° 42'	09° 11'	-19° 31'	23° 06'	-13° 49'	19° 49' R	-01° 27'	04° 29' R	-22° 37'
1 Sep 1938	20° 44' D	-17° 56'	15° 29'	-18° 26'	27° 28'	-12° 21'	19° 42'	-01° 32'	04° 15'	-22° 46'
1 Oct 1938	18° 36'	-17° 21'	20° 23'	-17° 22'	01° 42'	-10° 52'	19° 30'	-01° 37'	03° 56'	-22° 54'
1 Nov 1938	17° 50' R	-17° 09'	22° 42'	-16° 48'	06° 04'	-09° 17'	19° 16'	-01° 43'	03° 37'	-22° 58'
1 Dec 1938	17° 36' D	-17° 05'	28° 41'	-15° 33'	10° 17'	-07° 42'	19° 04'	-01° 46'	03° 25'	-22° 56'
1 Jan 1939	16° 21'	-16° 44'	06° 23'	-13° 47'	14° 39'	-06° 02'	18° 59'	-01° 46'	03° 23' D	-22° 49'
1 Feb 1939	13° 24' R	-15° 52'	15° 52'	-11° 17'	19° 01'	-04° 20'	19° 03' D	-01° 42'	03° 32'	-22° 37'
1 Mar 1939	10° 27'	-14° 57'	01° 46'	-06° 25'	22° 57'	-02° 47'	19° 13'	-01° 37'	03° 48'	-22° 26'
1 Apr 1939	08° 40'	-14° 23'	05° 47'	-05° 04'	27° 19'	-01° 03'	19° 29'	-01° 30'	04° 10'	-22° 15'
1 May 1939	08° 25' D	-14° 18'	02° 36' D	-06° 02'	01° 33'	+00° 37'	19° 46'	-01° 24'	04° 30'	-22° 09'
1 Jun 1939	08° 13' R	-14° 15'	25° 02'	-08° 28'	05° 55'	+02° 21'	20° 00'	-01° 20'	04° 45'	-22° 08'
1 Jul 1939	06° 36'	-13° 43'	20° 15'	-10° 04'	10° 08'	+04° 01'	20° 09'	-01° 19'	04° 51'	-22° 13'
1 Aug 1939	03° 17'	-12° 36'	25° 48'	-08° 34'	14° 30'	+05° 43'	20° 10' R	-01° 21'	04° 46' R	-22° 21'
1 Sep 1939	00° 22'	-11° 36'	05° 57'	-05° 27'	18° 52'	+07° 23'	20° 03'	-01° 26'	04° 31'	-22° 30'
1 Oct 1939	29° 18' D	-11° 13'	12° 08'	-03° 26'	23° 06'	+08° 58'	19° 51'	-01° 32'	04° 13'	-22° 38'
1 Nov 1939	29° 16' R	-11° 13'	15° 35'	-02° 18'	27° 27'	+10° 34'	19° 36'	-01° 37'	03° 54'	-22° 42'
1 Dec 1939	28° 34'	-10° 58'	27° 09'	-08° 11'	01° 41'	+12° 03'	19° 25'	-01° 40'	03° 42'	-22° 41'
1 Jan 1940	26° 12'	-10° 07'	13° 15' R	-12° 12'	06° 03'	+13° 32'	19° 20'	-01° 40'	03° 39' D	-22° 33'
1 Feb 1940	23° 05'	-08° 58'	17° 47' D	-11° 07'	10° 25'	+14° 57'	19° 23' D	-01° 37'	03° 48'	-22° 22'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Mar 1940	20°♈50'	-08°08'	29°♌12' R	-07°56'	14°♎30'	+16°11'	19°♐33'	-01°31'	04°♒05'	-22°10'
1 Apr 1940	20°♈04'	-07°50'	12°♌02' D	-04°01'	18°♎52'	+17°26'	19°♐49'	-01°24'	04°♒27'	-22°00'
1 May 1940	19°♈53' D	-07°46'	21°♌36'	-01°01'	23°♎05'	+18°33'	20°♐06'	-01°18'	04°♒47'	-21°54'
1 Jun 1940	18°♈53'	-07°24'	25°♌35' R	+00°07'	27°♎27'	+19°35'	20°♐21'	-01°14'	05°♒02'	-21°53'
1 Jul 1940	16°♈25' R	-06°27'	25°♌58'	+00°01'	01°♎41'	+20°30'	20°♐30'	-01°14'	05°♒07'	-21°57'
1 Aug 1940	13°♈18'	-05°15'	24°♌46'	-00°35'	06°♎03'	+21°19'	20°♐31' R	-01°16'	05°♒02' R	-22°05'
1 Sep 1940	11°♈20'	-04°29'	29°♌32'	+00°47'	10°♎24'	+22°01'	20°♐24'	-01°21'	04°♒47'	-22°15'
1 Oct 1940	11°♈01'	-04°21'	11°♎06'	+04°23'	14°♎38'	+22°33'	20°♐11'	-01°27'	04°♒29'	-22°23'
1 Nov 1940	10°♈50'	-04°17'	21°♎37'	+07°31'	19°♎00'	+22°59'	19°♐57'	-01°32'	04°♒10'	-22°27'
1 Dec 1940	09°♈08'	-03°37'	01°♎45'	+10°15'	23°♎13'	+23°16'	19°♐45'	-01°35'	03°♒58'	-22°25'
1 Jan 1941	05°♈43'	-02°16'	02°♎57'	+10°20'	27°♎35'	+23°25'	19°♐40'	-01°35'	03°♒56' D	-22°17'
1 Feb 1941	02°♈54' D	-01°09'	00°♎59'	+09°32'	01°♏57'	+23°25'	19°♐43' D	-01°31'	04°♒05'	-22°06'
1 Mar 1941	01°♈50'	-00°43'	04°♎05' D	+10°14'	05°♏54'	+23°18'	19°♐53'	-01°26'	04°♒21'	-21°55'
1 Apr 1941	01°♈47' R	-00°42'	10°♎28'	+11°49'	10°♏16'	+23°02'	20°♐10'	-01°19'	04°♒43'	-21°44'
1 May 1941	01°♈03'	-00°25'	20°♎12'	+14°01'	14°♏29'	+22°39'	20°♐27'	-01°13'	05°♒03'	-21°38'
1 Jun 1941	28°♎46'	+00°29'	02°♎51'	+16°16'	18°♏51'	+22°07'	20°♐42'	-01°09'	05°♒18'	-21°37'
1 Jul 1941	25°♎53' D	+01°37'	07°♎40'	+16°51'	23°♏05'	+21°28'	20°♐50'	-01°08'	05°♒23'	-21°41'
1 Aug 1941	23°♎42' R	+02°29'	28°♎18'	+15°14'	27°♏26'	+20°40'	20°♐51' R	-01°10'	05°♒18' R	-21°50'
1 Sep 1941	22°♎49'	+02°51'	10°♎41'	+11°19'	01°♏48'	+19°45'	20°♐45'	-01°15'	05°♒04'	-21°59'
1 Oct 1941	22°♎45' D	+02°52'	05°♎06'	+09°52'	06°♏02'	+18°46'	20°♐32'	-01°21'	04°♒45'	-22°07'
1 Nov 1941	22°♎01' R	+03°09'	15°♎01'	+12°24'	10°♏24'	+17°38'	20°♐18'	-01°26'	04°♒27'	-22°11'
1 Dec 1941	19°♎27'	+04°10'	23°♎06'	+14°12'	14°♏37'	+16°26'	20°♐06'	-01°29'	04°♒14'	-22°09'
1 Jan 1942	15°♎46'	+05°36'	00°♎36'	+15°31'	18°♏59'	+15°08'	20°♐01'	-01°29'	04°♒12' D	-22°02'
1 Feb 1942	13°♎37'	+06°26'	28°♎56'	+15°01'	23°♏21'	+13°44'	20°♐04' D	-01°26'	04°♒21'	-21°51'
1 Mar 1942	13°♎24'	+06°31'	26°♎16' R	+14°24'	27°♏18'	+12°24'	20°♐14'	-01°20'	04°♒37'	-21°40'
1 Apr 1942	13°♎16'	+06°34'	24°♎47'	+14°09'	01°♎40'	+10°53'	20°♐30'	-01°13'	04°♒59'	-21°29'
1 May 1942	11°♎44'	+07°09'	02°♎30'	+15°45'	05°♎53'	+09°21'	20°♐47'	-01°07'	05°♒19'	-21°23'
1 Jun 1942	08°♎33'	+08°21'	11°♎43'	+17°14'	10°♎15'	+07°43'	21°♐02'	-01°03'	05°♒34'	-21°22'
1 Jul 1942	05°♎45'	+09°24'	22°♎46'	+18°22'	14°♎28'	+06°06'	21°♐11'	-01°02'	05°♒39'	-21°26'
1 Aug 1942	04°♎27' D	+09°52'	28°♎48'	+18°39'	18°♎50'	+04°24'	21°♐12' R	-01°05'	05°♒34' R	-21°34'
1 Sep 1942	04°♎13' R	+09°57'	01°♏51'	+18°44'	23°♎12'	+02°41'	21°♐06'	-01°09'	05°♒20'	-21°43'
1 Oct 1942	03°♎41'	+10°09'	04°♏57'	+18°54'	27°♎26'	+01°01'	20°♐53'	-01°15'	05°♒02'	-21°51'
1 Nov 1942	01°♎44'	+10°51'	08°♏22'	+19°06'	01°♈48'	-00°43'	20°♐39'	-01°21'	04°♒43'	-21°55'
1 Dec 1942	28°♏39'	+11°56'	16°♏54'	+19°01'	06°♈01'	-02°23'	20°♐27'	-01°24'	04°♒31'	-21°54'
1 Jan 1943	26°♏03'	+12°50'	27°♏20'	+18°15'	10°♈23'	-04°06'	20°♐21'	-01°24'	04°♒28' D	-21°47'
1 Feb 1943	25°♏01'	+13°10'	06°♏59'	+16°56'	14°♈45'	-05°49'	20°♐25' D	-01°20'	04°♒37'	-21°35'
1 Mar 1943	24°♏54' D	+13°13'	18°♏58'	+14°37'	18°♈42'	-07°19'	20°♐34'	-01°15'	04°♒53'	-21°24'
1 Apr 1943	24°♏08'	+13°28'	14°♏47' D	+15°35'	23°♈04'	-08°58'	20°♐51'	-01°08'	05°♒14'	-21°14'
1 May 1943	21°♏49' R	+14°14'	00°♏47'	+18°13'	27°♈17'	-10°30'	21°♐08'	-01°02'	05°♒34'	-21°08'
1 Jun 1943	18°♏32'	+15°16'	26°♏41'	+18°58'	01°♎39'	-12°03'	21°♐23'	-00°58'	05°♒49'	-21°06'
1 Jul 1943	16°♏24'	+15°55'	28°♏09'	+18°56'	05°♎52'	-13°29'	21°♐32'	-00°57'	05°♒55'	-21°10'
1 Aug 1943	15°♏53'	+16°04'	07°♏37'	+17°37'	10°♎14'	-14°53'	21°♐33' R	-00°59'	05°♒50' R	-21°18'
1 Sep 1943	15°♏52'	+16°04'	17°♏02'	+15°49'	14°♎36'	-16°13'	21°♐27'	-01°04'	05°♒37'	-21°28'
1 Oct 1943	14°♏36'	+16°27'	17°♏31'	+15°49'	18°♎50'	-17°25'	21°♐15'	-01°10'	05°♒18'	-21°36'
1 Nov 1943	11°♏30'	+17°20'	11°♏21'	+17°21'	23°♎12'	-18°34'	21°♐00'	-01°15'	04°♒59'	-21°40'
1 Dec 1943	08°♏30'	+18°08'	28°♏05' R	+19°38'	27°♎25'	-19°35'	20°♐48'	-01°18'	04°♒47'	-21°38'
1 Jan 1944	07°♏02' D	+18°31'	26°♏36'	+19°54'	01°♎47'	-20°31'	20°♐42'	-01°18'	04°♒44' D	-21°31'
1 Feb 1944	06°♏46' R	+18°35'	05°♏25'	+18°47'	06°♎09'	-21°20'	20°♐45' D	-01°15'	04°♒53'	-21°20'
1 Mar 1944	06°♏15'	+18°42'	18°♏43'	+16°17'	10°♎14'	-21°59'	20°♐55'	-01°09'	05°♒09'	-21°09'
1 Apr 1944	04°♏23' D	+19°10'	29°♏17'	+13°44'	14°♎36'	-22°33'	21°♐12'	-01°02'	05°♒31'	-20°58'
1 May 1944	01°♏26' R	+19°50'	06°♎35'	+11°48'	18°♎49'	-22°58'	21°♐29'	-00°56'	05°♒51'	-20°52'
1 Jun 1944	28°♏54'	+20°23'	08°♎33'	+11°24'	23°♎11'	-23°16'	21°♐44'	-00°52'	06°♒06'	-20°51'
1 Jul 1944	27°♏49'	+20°36'	10°♎42'	+10°52'	27°♎25'	-23°25'	21°♐53'	-00°51'	06°♒11'	-20°55'
1 Aug 1944	27°♏40' D	+20°37'	13°♎08'	+10°06'	01°♎47'	-23°26'	21°♐55' R	-00°53'	06°♒06' R	-21°03'
1 Sep 1944	27°♏04' R	+20°44'	20°♎10'	+07°41'	06°♎09'	-23°18'	21°♐48'	-00°58'	05°♒52'	-21°12'
1 Oct 1944	24°♏48'	+21°10'	02°♈21'	+03°19'	10°♎22'	-23°02'	21°♐36'	-01°04'	05°♒34'	-21°20'
1 Nov 1944	21°♏16'	+21°45'	12°♈11'	-00°14'	14°♎44'	-22°37'	21°♐21'	-01°10'	05°♒15'	-21°24'
1 Dec 1944	18°♏55'	+22°06'	19°♈36'	-02°53'	18°♎58'	-22°06'	21°♐09'	-01°13'	05°♒03'	-21°23'
1 Jan 1945	18°♏23' D	+22°10'	16°♈56'	-01°46'	23°♎19'	-21°25'	21°♐03'	-01°13'	05°♒00' D	-21°16'
1 Feb 1945	18°♏12' R	+22°12'	14°♈07'	-00°45'	27°♎41'	-20°37'	21°♐06' D	-01°09'	05°♒09'	-21°05'
1 Mar 1945	16°♏58'	+22°22'	15°♈52' D	-01°33'	01°♎38'	-19°48'	21°♐16'	-01°03'	05°♒25'	-20°54'
1 Apr 1945	13°♏44'	+22°44'	24°♈48'	-05°02'	06°♎00'	-18°46'	21°♐33'	-00°57'	05°♒46'	-20°43'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 May 1945	10°♉46'	+23°00'	03°♌39'	-08°19'	10°♎13'	-17°41'	21°♑50'	-00°50'	06°♒06'	-20°37'
1 Jun 1945	09°♉23' D	+23°06'	13°♌38'	-11°48'	14°♎35'	-16°27'	22°♑05'	-00°46'	06°♒21'	-20°36'
1 Jul 1945	09°♉09'	+23°07'	07°♌36'	-09°39'	18°♎49'	-15°11'	22°♑15'	-00°45'	06°♒27'	-20°39'
1 Aug 1945	08°♉50'	+23°09'	17°♌11'	-01°58'	23°♎11'	-13°47'	22°♑16' R	-00°48'	06°♒22' R	-20°47'
1 Sep 1945	07°♉24'	+23°14'	09°♌55'	+00°44'	27°♎33'	-12°19'	22°♑09'	-00°53'	06°♒08'	-20°57'
1 Oct 1945	04°♉35' R	+23°21'	14°♌46'	-01°15'	01°♏46'	-10°50'	21°♑57'	-00°58'	05°♒50'	-21°05'
1 Nov 1945	01°♉31'	+23°26'	27°♌40'	-06°22'	06°♏08'	-09°15'	21°♑42'	-01°04'	05°♒31'	-21°09'
1 Dec 1945	00°♉05'	+23°26'	06°♌27'	-09°41'	10°♏22'	-07°40'	21°♑30'	-01°07'	05°♒19'	-21°07'
1 Jan 1946	29°♈59' D	+23°26'	10°♌44' R	-11°14'	14°♏43'	-06°00'	21°♑25'	-01°07'	05°♒16' D	-21°00'
1 Feb 1946	29°♈22' R	+23°26'	05°♌49'	-09°32'	19°♏05'	-04°18'	21°♑27' D	-01°03'	05°♒25' D	-20°49'
1 Mar 1946	27°♈13'	+23°25'	10°♌08'	-11°21'	23°♏02'	-02°45'	21°♑37'	-00°58'	05°♒40'	-20°38'
1 Apr 1946	23°♈44'	+23°17'	12°♌30'	-12°25'	27°♏24'	-01°01'	21°♑54'	-00°51'	06°♒02'	-20°28'
1 May 1946	21°♈24'	+23°10'	22°♌48'	-16°05'	01°♑37'	+00°38'	22°♑11'	-00°45'	06°♒22'	-20°22'
1 Jun 1946	20°♈46' D	+23°07'	02°♌47'	-19°07'	05°♑59'	+02°22'	22°♑27'	-00°41'	06°♒37'	-20°20'
1 Jul 1946	20°♈44' R	+23°07'	13°♌08'	-21°41'	10°♑13'	+04°02'	22°♑36'	-00°40'	06°♒43'	-20°24'
1 Aug 1946	19°♈36'	+23°02'	16°♌33'	-22°29'	14°♑35'	+05°45'	22°♑38' R	-00°42'	06°♒38' R	-20°32'
1 Sep 1946	16°♈56'	+22°48'	16°♌13'	-22°40'	18°♑57'	+07°25'	22°♑31'	-00°47'	06°♒24'	-20°41'
1 Oct 1946	13°♈59'	+22°29'	18°♌28'	-23°20'	23°♑10'	+09°00'	22°♑19'	-00°53'	06°♒06'	-20°49'
1 Nov 1946	12°♈12' D	+22°15'	24°♌28'	-24°26'	27°♑32'	+10°36'	22°♑04'	-00°58'	05°♒47'	-20°53'
1 Dec 1946	11°♈45'	+22°12'	05°♌21' D	-25°27'	01°♏46'	+12°05'	21°♑52'	-01°01'	05°♒35'	-20°52'
1 Jan 1947	11°♈23'	+22°09'	17°♌45' R	-25°21'	06°♏07'	+13°34'	21°♑46'	-01°01'	05°♒32' D	-20°45'
1 Feb 1947	09°♈46' R	+21°55'	26°♌31'	-24°29'	10°♏29'	+14°58'	21°♑49' D	-00°58'	05°♒40'	-20°34'
1 Mar 1947	06°♈51'	+21°27'	00°♌19'	-24°02'	14°♏26'	+16°10'	21°♑58'	-00°52'	05°♒56'	-20°23'
1 Apr 1947	04°♈03'	+20°57'	13°♌53' D	-25°58'	18°♏48'	+17°25'	22°♑15'	-00°45'	06°♒17'	-20°13'
1 May 1947	02°♈42'	+20°42'	28°♌18'	-25°42'	23°♏01'	+18°32'	22°♑32'	-00°39'	06°♒37'	-20°06'
1 Jun 1947	02°♈34' D	+20°40'	03°♌13'	-26°06'	27°♏23'	+19°35'	22°♑48'	-00°35'	06°♒52'	-20°05'
1 Jul 1947	02°♈14' R	+20°37'	09°♌41'	-26°14'	01°♑37'	+20°29'	22°♑58'	-00°34'	06°♒58'	-20°08'
1 Aug 1947	00°♈14'	+20°12'	19°♌33'	-25°48'	05°♑59'	+21°18'	22°♑59' R	-00°36'	06°♒54' R	-20°16'
1 Sep 1947	26°♑47'	+19°26'	24°♌35'	-25°22'	10°♑21'	+22°00'	22°♑53'	-00°41'	06°♒40'	-20°25'
1 Oct 1947	24°♑14'	+18°50'	18°♌34'	-26°17'	14°♑34'	+22°33'	22°♑41'	-00°47'	06°♒22'	-20°33'
1 Nov 1947	23°♑25' D	+18°38'	10°♌29'	-26°52'	18°♑56'	+22°59'	22°♑26'	-00°52'	06°♒03'	-20°37'
1 Dec 1947	23°♑23' R	+18°37'	09°♌13' R	-26°53'	23°♑10'	+23°16'	22°♑14'	-00°55'	05°♒51'	-20°36'
1 Jan 1948	22°♑17'	+18°20'	15°♌01'	-26°39'	27°♑32'	+23°25'	22°♑08'	-00°55'	05°♒48' D	-20°30'
1 Feb 1948	19°♑33'	+17°37'	25°♌20'	-25°35'	01°♑54'	+23°25'	22°♑10' D	-00°52'	05°♒56'	-20°19'
1 Mar 1948	16°♑26' D	+16°45'	08°♌58'	-22°51'	05°♑59'	+23°18'	22°♑20'	-00°46'	06°♒12'	-20°08'
1 Apr 1948	14°♑34'	+16°13'	16°♌32'	-20°50'	10°♑20'	+23°02'	22°♑37'	-00°39'	06°♒33'	-19°57'
1 May 1948	14°♑04' R	+16°04'	21°♌36'	-19°15'	14°♑34'	+22°38'	22°♑54'	-00°33'	06°♒53'	-19°51'
1 Jun 1948	13°♑47' D	+15°58'	23°♌16'	-18°37'	18°♑56'	+22°06'	23°♑10'	-00°29'	07°♒08'	-19°49'
1 Jul 1948	12°♑26'	+15°34'	27°♌52'	-16°50'	23°♑09'	+21°27'	23°♑20'	-00°28'	07°♒14'	-19°53'
1 Aug 1948	09°♑44' R	+14°44'	03°♏25'	-14°32'	27°♑31'	+20°39'	23°♑21' R	-00°30'	07°♒10' R	-20°01'
1 Sep 1948	06°♑42'	+13°45'	11°♏31'	-11°05'	01°♑53'	+19°44'	23°♑15'	-00°35'	06°♒56'	-20°10'
1 Oct 1948	05°♑07'	+13°14'	22°♏54'	-06°02'	06°♑07'	+18°44'	23°♑03'	-00°41'	06°♒38'	-20°18'
1 Nov 1948	04°♑56'	+13°10'	00°♑08'	-02°42'	10°♑29'	+17°36'	22°♑48'	-00°47'	06°♒19'	-20°22'
1 Dec 1948	04°♑36'	+13°03'	02°♑29'	-01°32'	14°♑42'	+16°25'	22°♑36'	-00°50'	06°♒07'	-20°21'
1 Jan 1949	02°♑19'	+12°16'	26°♏33'	-04°04'	19°♑04'	+15°06'	22°♑29'	-00°50'	06°♒04' D	-20°14'
1 Feb 1949	28°♑41'	+11°00'	26°♏01' D	-04°04'	23°♑26'	+13°42'	22°♑32' D	-00°46'	06°♒12'	-20°03'
1 Mar 1949	26°♑22'	+10°10'	27°♏19'	-03°21'	27°♑23'	+12°23'	22°♑42'	-00°41'	06°♒27'	-19°52'
1 Apr 1949	25°♑36' D	+09°54'	07°♑59'	+01°41'	01°♑45'	+10°51'	22°♑58'	-00°34'	06°♒49'	-19°42'
1 May 1949	25°♑37' R	+09°54'	13°♑59'	+04°32'	05°♑58'	+09°19'	23°♑16'	-00°27'	07°♒09'	-19°35'
1 Jun 1949	24°♑37'	+09°32'	17°♑18'	+06°11'	10°♑20'	+07°41'	23°♑32'	-00°23'	07°♒24'	-19°34'
1 Jul 1949	22°♑15'	+08°40'	01°♑06'	-01°14'	14°♑33'	+06°04'	23°♑42'	-00°22'	07°♒30'	-19°37'
1 Aug 1949	19°♑25' D	+07°36'	17°♏11'	-07°33'	18°♑55'	+04°22'	23°♑44' R	-00°24'	07°♒26' R	-19°45'
1 Sep 1949	17°♑24' R	+06°50'	20°♏11'	-06°04'	23°♑17'	+02°39'	23°♑37'	-00°29'	07°♒12'	-19°54'
1 Oct 1949	16°♑42'	+06°34'	29°♏45'	-01°31'	27°♑31'	+00°59'	23°♑25'	-00°35'	06°♒54'	-20°02'
1 Nov 1949	16°♑36' D	+06°31'	12°♑32'	+04°36'	01°♑53'	-00°45'	23°♑10'	-00°41'	06°♒35'	-20°06'
1 Dec 1949	15°♑29' R	+06°06'	20°♑13'	+08°17'	06°♑06'	-02°25'	22°♑58'	-00°44'	06°♒23'	-20°05'
1 Jan 1950	12°♑31'	+04°57'	21°♑15' R	+08°59'	10°♑28'	-04°08'	22°♑51'	-00°44'	06°♒20' D	-19°58'
1 Feb 1950	09°♑07'	+03°37'	16°♑46'	+07°13'	14°♑50'	-05°51'	22°♑54' D	-00°40'	06°♒28'	-19°48'
1 Mar 1950	07°♑43'	+03°03'	26°♑50'	+11°57'	18°♑47'	-07°21'	23°♑04'	-00°35'	06°♒43'	-19°37'
1 Apr 1950	07°♑27' D	+02°57'	02°♑18'	+14°22'	23°♑09'	-09°00'	23°♑20'	-00°28'	07°♒04'	-19°27'
1 May 1950	07°♑09' R	+02°50'	13°♑55'	+19°00'	27°♑22'	-10°32'	23°♑38'	-00°22'	07°♒24'	-19°20'
1 Jun 1950	05°♑13'	+02°04'	23°♑54'	+22°26'	01°♑44'	-12°04'	23°♑54'	-00°17'	07°♒39'	-19°18'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Jul 1950	02° 07'	+00° 50'	02° 52'	+25° 01'	05° 58'	-13° 30'	24° 04'	-00° 16'	07° 45'	-19° 22'
1 Aug 1950	29° 25'	-00° 13'	03° 19'	+25° 20'	10° 20'	-14° 55'	24° 06' R	-00° 18'	07° 41' R	-19° 29'
1 Sep 1950	28° 26' D	-00° 37'	00° 27'	+24° 47'	14° 41'	-16° 15'	24° 00'	-00° 23'	07° 28'	-19° 38'
1 Oct 1950	28° 19' R	-00° 40'	03° 00'	+25° 26'	18° 55'	-17° 27'	23° 48'	-00° 29'	07° 10'	-19° 46'
1 Nov 1950	27° 28'	-01° 00'	11° 38' D	+27° 06'	23° 17'	-18° 36'	23° 33'	-00° 35'	06° 51'	-19° 51'
1 Dec 1950	25° 03'	-01° 57'	23° 35'	+28° 19'	27° 30'	-19° 36'	23° 20'	-00° 38'	06° 39'	-19° 49'
1 Jan 1951	21° 53' D	-03° 13'	06° 29'	+28° 10'	01° 52'	-20° 32'	23° 14'	-00° 38'	06° 36' D	-19° 43'
1 Feb 1951	19° 40' R	-04° 05'	11° 26' R	+27° 44'	06° 14'	-21° 21'	23° 16' D	-00° 34'	06° 43'	-19° 32'
1 Mar 1951	19° 03'	-04° 20'	26° 20' D	+28° 37'	10° 11'	-21° 58'	23° 26'	-00° 29'	06° 58'	-19° 22'
1 Apr 1951	18° 54' D	-04° 23'	04° 44'	+26° 05'	14° 33'	-22° 33'	23° 42'	-00° 22'	07° 20'	-19° 11'
1 May 1951	17° 52'	-04° 47'	02° 01'	+25° 24'	18° 46'	-22° 58'	24° 00'	-00° 16'	07° 40'	-19° 05'
1 Jun 1951	15° 15' R	-05° 48'	13° 35'	+27° 24'	23° 08'	-23° 16'	24° 16'	-00° 11'	07° 55'	-19° 03'
1 Jul 1951	12° 09'	-07° 00'	22° 41'	+28° 11'	27° 22'	-23° 25'	24° 26'	-00° 10'	08° 01'	-19° 06'
1 Aug 1951	10° 09'	-07° 45'	00° 49'	+28° 17'	01° 44'	-23° 26'	24° 29' R	-00° 12'	07° 57' R	-19° 14'
1 Sep 1951	09° 50'	-07° 52'	00° 25'	+28° 23'	06° 06'	-23° 18'	24° 23'	-00° 17'	07° 44'	-19° 23'
1 Oct 1951	09° 43'	-07° 55'	23° 19' R	+28° 20'	10° 19'	-23° 02'	24° 10'	-00° 23'	07° 26'	-19° 31'
1 Nov 1951	07° 59'	-08° 34'	20° 29'	+28° 02'	14° 41'	-22° 38'	23° 55'	-00° 28'	07° 07'	-19° 35'
1 Dec 1951	04° 45'	-09° 45'	26° 53'	+28° 02'	18° 54'	-22° 06'	23° 43'	-00° 32'	06° 55'	-19° 34'
1 Jan 1952	01° 50'	-10° 49'	05° 45'	+27° 34'	23° 16'	-21° 26'	23° 36'	-00° 32'	06° 51' D	-19° 28'
1 Feb 1952	00° 42' D	-11° 13'	15° 27'	+26° 16'	27° 38'	-20° 38'	23° 38' D	-00° 28'	06° 59'	-19° 17'
1 Mar 1952	00° 31' R	-11° 17'	27° 58'	+23° 21'	01° 43'	-19° 46'	23° 48'	-00° 23'	07° 15'	-19° 06'
1 Apr 1952	29° 42'	-11° 34'	01° 55'	+22° 05'	06° 05'	-18° 45'	24° 05'	-00° 16'	07° 36'	-18° 56'
1 May 1952	27° 28'	-12° 21'	05° 07'	+20° 51'	10° 19'	-17° 39'	24° 23'	-00° 09'	07° 56'	-18° 49'
1 Jun 1952	24° 33'	-13° 20'	08° 12'	+19° 36'	14° 41'	-16° 25'	24° 39'	-00° 05'	08° 11'	-18° 48'
1 Jul 1952	22° 24'	-14° 02'	15° 38'	+16° 44'	18° 54'	-15° 09'	24° 49'	-00° 04'	08° 17'	-18° 51'
1 Aug 1952	21° 35'	-14° 18'	23° 58'	+13° 19'	23° 16'	-13° 45'	24° 51' R	-00° 06'	08° 13' R	-18° 58'
1 Sep 1952	21° 29' D	-14° 20'	02° 24'	+09° 41'	27° 38'	-12° 17'	24° 45'	-00° 11'	08° 00'	-19° 07'
1 Oct 1952	20° 40' R	-14° 36'	11° 43'	+05° 27'	01° 52'	-10° 48'	24° 33'	-00° 17'	07° 42'	-19° 15'
1 Nov 1952	17° 58'	-15° 26'	14° 51'	+03° 52'	06° 13'	-09° 13'	24° 18'	-00° 23'	07° 23'	-19° 19'
1 Dec 1952	14° 37'	-16° 27'	10° 52' D	+05° 25'	10° 27'	-07° 38'	24° 05'	-00° 26'	07° 10'	-19° 18'
1 Jan 1953	12° 33'	-17° 02'	05° 21'	+07° 39'	14° 49'	-05° 58'	23° 59'	-00° 26'	07° 07' D	-19° 12'
1 Feb 1953	12° 21' D	-17° 05'	08° 49'	+06° 04'	19° 11'	-04° 16'	24° 01' D	-00° 22'	07° 15'	-19° 01'
1 Mar 1953	12° 14' R	-17° 07'	09° 20'	+05° 51'	23° 07'	-02° 43'	24° 11'	-00° 17'	07° 30'	-18° 51'
1 Apr 1953	10° 24'	-17° 38'	18° 29'	+01° 40'	27° 29'	-00° 59'	24° 27'	-00° 10'	07° 51'	-18° 40'
1 May 1953	07° 15'	-18° 27'	18° 07'	+01° 40'	01° 43'	+00° 41'	24° 45'	-00° 03'	08° 11'	-18° 34'
1 Jun 1953	04° 29'	-19° 08'	12° 16'	+04° 03'	06° 05'	+02° 25'	25° 02'	+00° 00'	08° 26'	-18° 32'
1 Jul 1953	03° 24' D	-19° 23'	29° 59' R	+09° 16'	10° 18'	+04° 05'	25° 12'	+00° 01'	08° 32'	-18° 35'
1 Aug 1953	03° 15' R	-19° 25'	27° 41'	+10° 13'	14° 40'	+05° 47'	25° 14' R	-00° 00'	08° 29' R	-18° 43'
1 Sep 1953	02° 46' D	-19° 32'	05° 46' D	+06° 45'	19° 02'	+07° 27'	25° 08'	-00° 05'	08° 15'	-18° 52'
1 Oct 1953	00° 58'	-19° 56'	17° 06'	+01° 42'	23° 16'	+09° 02'	24° 56'	-00° 11'	07° 57'	-18° 59'
1 Nov 1953	27° 53' R	-20° 35'	28° 15'	-03° 19'	27° 38'	+10° 38'	24° 41'	-00° 16'	07° 39'	-19° 04'
1 Dec 1953	25° 11'	-21° 06'	04° 20' R	-06° 07'	01° 51'	+12° 07'	24° 28'	-00° 20'	07° 26'	-19° 03'
1 Jan 1954	24° 03'	-21° 18'	04° 04'	-06° 09'	06° 13'	+13° 35'	24° 21'	-00° 20'	07° 23' D	-18° 57'
1 Feb 1954	23° 59' D	-21° 18'	02° 23'	-05° 26'	10° 35'	+15° 00'	24° 24' D	-00° 16'	07° 30'	-18° 46'
1 Mar 1954	23° 02'	-21° 28'	16° 00'	-11° 00'	14° 32'	+16° 12'	24° 33'	-00° 11'	07° 45'	-18° 36'
1 Apr 1954	20° 25' R	-21° 53'	23° 22'	-13° 43'	18° 53'	+17° 26'	24° 50'	-00° 04'	08° 06'	-18° 25'
1 May 1954	17° 12'	-22° 20'	05° 01'	-17° 43'	23° 07'	+18° 33'	25° 08'	+00° 02'	08° 26'	-18° 19'
1 Jun 1954	15° 06'	-22° 35'	13° 30'	-20° 14'	27° 8' 29'	+19° 36'	25° 24'	+00° 06'	08° 42'	-18° 17'
1 Jul 1954	14° 44' D	-22° 37'	19° 07'	-21° 41'	01° 42'	+20° 30'	25° 35'	+00° 07'	08° 48'	-18° 20'
1 Aug 1954	14° 37' R	-22° 38'	15° 36'	-20° 48'	06° 04'	+21° 19'	25° 37' R	+00° 05'	08° 44' R	-18° 27'
1 Sep 1954	13° 06'	-22° 47'	12° 12'	-19° 44'	10° 26'	+22° 01'	25° 31'	+00° 00'	08° 31'	-18° 36'
1 Oct 1954	10° 09'	-23° 03'	16° 31' D	-20° 39'	14° 40'	+22° 33'	25° 19'	-00° 05'	08° 13'	-18° 44'
1 Nov 1954	07° 09' D	-23° 15'	28° 00'	-22° 52'	19° 02'	+22° 59'	25° 04'	-00° 10'	07° 55'	-18° 48'
1 Dec 1954	05° 44'	-23° 19'	10° 11'	-24° 13'	23° 15'	+23° 16'	24° 51'	-00° 14'	07° 42'	-18° 47'
1 Jan 1955	05° 30' R	-23° 19'	21° 40'	-24° 27'	27° 37'	+23° 25'	24° 44'	-00° 14'	07° 38' D	-18° 41'
1 Feb 1955	04° 59' D	-23° 21'	17° 06'	-24° 24'	01° 59'	+23° 25'	24° 46' D	-00° 10'	07° 46'	-18° 31'
1 Mar 1955	03° 04' R	-23° 24'	14° 22'	-19° 47'	05° 56'	+23° 18'	24° 56'	-00° 05'	08° 00'	-18° 20'
1 Apr 1955	00° 06'	-23° 26'	07° 01'	-17° 40'	10° 17'	+23° 02'	25° 12'	+00° 01'	08° 21'	-18° 10'
1 May 1955	27° 35'	-23° 25'	13° 54'	-19° 24'	14° 31'	+22° 39'	25° 30'	+00° 08'	08° 41'	-18° 03'
1 Jun 1955	26° 28'	-23° 23'	27° 19'	-22° 04'	18° 53'	+22° 06'	25° 47'	+00° 12'	08° 57'	-18° 01'
1 Jul 1955	26° 24' D	-23° 23'	06° 33'	-23° 10'	23° 06'	+21° 27'	25° 58'	+00° 13'	09° 03'	-18° 04'
1 Aug 1955	25° 51' R	-23° 22'	11° 18' R	-23° 25'	27° 28'	+20° 40'	26° 00' R	+00° 11'	09° 00' R	-18° 11'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Sep 1955	23° ♊31'	-23°17'	06° ♌43'	-22°52'	01° ♎50'	+19°45'	25° ♐55'	+00°07'	08° ♒47'	-18°20'
1 Oct 1955	20° ♊15'	-23°05'	03° ♌29'	-22°17'	06° ♎04'	+18°45'	25° ♐43'	+00°01'	08° ♒29'	-18°28'
1 Nov 1955	17° ♊50'	-22°53'	06° ♌22'	-22°23'	10° ♎26'	+17°37'	25° ♐27'	-00°04'	08° ♒10'	-18°33'
1 Dec 1955	17° ♊19' D	-22°50'	17° ♌02'	-22°50'	14° ♎39'	+16°26'	25° ♐14'	-00°07'	07° ♒57'	-18°32'
1 Jan 1956	17° ♊10' R	-22°49'	27° ♌26'	-22°28'	19° ♎01'	+15°07'	25° ♐07'	-00°08'	07° ♒54' D	-18°26'
1 Feb 1956	15° ♊37'	-22°40'	06° ♌04'	-21°31'	23° ♎23'	+13°43'	25° ♐09' D	-00°04'	08° ♒01'	-18°16'
1 Mar 1956	12° ♊43'	-22°19'	16° ♌50'	-19°34'	27° ♎28'	+12°21'	25° ♐19'	+00°00'	08° ♒16'	-18°05'
1 Apr 1956	09° ♊47' D	-21°55'	17° ♌24'	-19°12'	01° ♎50'	+10°49'	25° ♐35'	+00°07'	08° ♒37'	-17°55'
1 May 1956	08° ♊23'	-21°42'	19° ♌47'	-18°32'	06° ♎03'	+09°17'	25° ♐54'	+00°14'	08° ♒57'	-17°48'
1 Jun 1956	08° ♊07' R	-21°40'	25° ♌11'	-17°17'	10° ♎25'	+07°39'	26° ♐10'	+00°18'	09° ♒12'	-17°46'
1 Jul 1956	07° ♊41'	-21°35'	04° ♌35'	-14°52'	14° ♎39'	+06°02'	26° ♐21'	+00°19'	09° ♒18'	-17°49'
1 Aug 1956	06° ♊03' D	-21°19'	14° ♌28'	-11°57'	19° ♎01'	+04°20'	26° ♐24' R	+00°17'	09° ♒15' R	-17°56'
1 Sep 1956	03° ♊10' R	-20°47'	21° ♌48'	-09°34'	23° ♎23'	+02°37'	26° ♐18'	+00°13'	09° ♒02'	-18°05'
1 Oct 1956	00° ♊24'	-20°14'	26° ♌14'	-07°58'	27° ♎36'	+00°57'	26° ♐06'	+00°07'	08° ♒44'	-18°13'
1 Nov 1956	29° ♌04'	-19°57'	22° ♌15' D	-09°09'	01° ♎58'	-00°47'	25° ♐50'	+00°01'	08° ♒25'	-18°17'
1 Dec 1956	29° ♌03' D	-19°57'	12° ♌56'	-12°03'	06° ♎12'	-02°27'	25° ♐37'	-00°01'	08° ♒13'	-18°17'
1 Jan 1957	28° ♌25' R	-19°48'	13° ♌05'	-12°07'	10° ♎33'	-04°11'	25° ♐30'	-00°02'	08° ♒09' D	-18°10'
1 Feb 1957	25° ♌35'	-19°09'	20° ♌51'	-09°49'	14° ♎55'	-05°53'	25° ♐32' D	+00°01'	08° ♒16'	-18°00'
1 Mar 1957	22° ♌32'	-18°24'	20° ♌39'	-09°51'	18° ♎52'	-07°23'	25° ♐42'	+00°06'	08° ♒31'	-17°50'
1 Apr 1957	20° ♌04'	-17°46'	25° ♌41'	-08°06'	23° ♎14'	-09°01'	25° ♐58'	+00°14'	08° ♒52'	-17°40'
1 May 1957	19° ♌38' D	-17°38'	19° ♌47'	-09°52'	27° ♎27'	-10°34'	26° ♐16'	+00°20'	09° ♒12'	-17°33'
1 Jun 1957	19° ♌34' R	-17°37'	12° ♌50'	-11°58'	01° ♌49'	-12°06'	26° ♐33'	+00°24'	09° ♒27'	-17°31'
1 Jul 1957	18° ♌23'	-17°18'	10° ♌51' R	-12°37'	06° ♌03'	-13°32'	26° ♐44'	+00°26'	09° ♒34'	-17°34'
1 Aug 1957	15° ♌45'	-16°33'	14° ♌50'	-11°34'	10° ♌25'	-14°56'	26° ♐47' R	+00°24'	09° ♒30' R	-17°41'
1 Sep 1957	12° ♌54'	-15°42'	23° ♌57'	-08°49'	14° ♌47'	-16°16'	26° ♐41'	+00°19'	09° ♒17'	-17°50'
1 Oct 1957	11° ♌05'	-15°09'	04° ♌44'	-05°19'	19° ♌00'	-17°28'	26° ♐29'	+00°13'	08° ♒59'	-17°57'
1 Nov 1957	10° ♌33'	-14°59'	13° ♌05'	-02°31'	23° ♌22'	-18°37'	26° ♐14'	+00°07'	08° ♒41'	-18°02'
1 Dec 1957	10° ♌15' D	-14°53'	17° ♌32'	-01°04'	27° ♌35'	-19°37'	26° ♐01'	+00°04'	08° ♒28'	-18°01'
1 Jan 1958	08° ♌40' R	-14°23'	18° ♌02'	-01°05'	01° ♌57'	-20°33'	25° ♐54'	+00°04'	08° ♒24' D	-17°55'
1 Feb 1958	05° ♌26'	-13°20'	20° ♌22'	-00°32'	06° ♌19'	-21°22'	25° ♐55' D	+00°07'	08° ♒31'	-17°45'
1 Mar 1958	02° ♌44'	-12°25'	06° ♌04'	+04°31'	10° ♌16'	-21°59'	26° ♐05'	+00°12'	08° ♒46'	-17°35'
1 Apr 1958	01° ♌23'	-11°57'	14° ♌47'	+07°13'	14° ♌38'	-22°33'	26° ♐21'	+00°20'	09° ♒07'	-17°24'
1 May 1958	01° ♌16' D	-11°55'	25° ♌27'	+10°20'	18° ♌51'	-22°58'	26° ♐39'	+00°26'	09° ♒26'	-17°18'
1 Jun 1958	00° ♌47' R	-11°45'	01° ♌13'	+11°51'	23° ♌13'	-23°16'	26° ♐56'	+00°30'	09° ♒42'	-17°16'
1 Jul 1958	28° ♌43'	-11°01'	02° ♌07'	+11°55'	27° ♌27'	-23°25'	27° ♐07'	+00°32'	09° ♒49'	-17°18'
1 Aug 1958	25° ♌22'	-09°49'	26° ♌12'	+10°02'	01° ♌49'	-23°25'	27° ♐11' R	+00°30'	09° ♒45' R	-17°25'
1 Sep 1958	22° ♌56'	-08°55'	24° ♌59' D	+09°30'	06° ♌11'	-23°18'	27° ♐05'	+00°25'	09° ♒32'	-17°34'
1 Oct 1958	22° ♌15' D	-08°40'	01° ♌07'	+11°06'	10° ♌24'	-23°02'	26° ♐53'	+00°19'	09° ♒15'	-17°42'
1 Nov 1958	22° ♌11' R	-08°38'	13° ♌58'	+14°09'	14° ♌46'	-22°37'	26° ♐38'	+00°13'	08° ♒56'	-17°46'
1 Dec 1958	21° ♌05'	-08°13'	23° ♌28'	+15°58'	18° ♌59'	-22°05'	26° ♐24'	+00°10'	08° ♒43'	-17°46'
1 Jan 1959	18° ♌19'	-07°11'	27° ♌50'	+16°32'	23° ♌21'	-21°25'	26° ♐17'	+00°10'	08° ♒39' D	-17°40'
1 Feb 1959	15° ♌18'	-06°01'	05° ♌53'	+11°47'	27° ♌43'	-20°37'	26° ♐19' D	+00°13'	08° ♒46'	-17°30'
1 Mar 1959	13° ♌31' D	-05°20'	14° ♌17' R	+05°34'	01° ♌40'	-19°47'	26° ♐28'	+00°19'	09° ♒01'	-17°20'
1 Apr 1959	13° ♌05' R	-05°10'	18° ♌54' D	+06°54'	06° ♌02'	-18°46'	26° ♐44'	+00°26'	09° ♒21'	-17°09'
1 May 1959	12° ♌50' D	-05°04'	00° ♌12'	+10°04'	10° ♌15'	-17°40'	27° ♐03'	+00°32'	09° ♒41'	-17°03'
1 Jun 1959	11° ♌31' R	-04°33'	13° ♌15'	+13°14'	14° ♌37'	-16°26'	27° ♐20'	+00°37'	09° ♒57'	-17°00'
1 Jul 1959	08° ♌49'	-03°29'	21° ♌24'	+14°49'	18° ♌51'	-15°10'	27° ♐31'	+00°38'	10° ♒03'	-17°03'
1 Aug 1959	05° ♌48'	-02°18'	23° ♌09' R	+14°56'	23° ♌13'	-13°46'	27° ♐34' R	+00°36'	10° ♒00' R	-17°10'
1 Sep 1959	04° ♌10'	-01°39'	18° ♌03'	+13°43'	27° ♌34'	-12°18'	27° ♐29'	+00°31'	09° ♒48'	-17°19'
1 Oct 1959	04° ♌01' D	-01°36'	19° ♌30'	+13°58'	01° ♌48'	-10°50'	27° ♐17'	+00°26'	09° ♒30'	-17°26'
1 Nov 1959	03° ♌39' R	-01°27'	25° ♌52'	+15°14'	06° ♌10'	-09°14'	27° ♐01'	+00°20'	09° ♒11'	-17°31'
1 Dec 1959	01° ♌34'	-00°37'	08° ♌26'	+17°08'	10° ♌23'	-07°40'	26° ♐48'	+00°16'	08° ♒58'	-17°30'
1 Jan 1960	27° ♌59'	+00°47'	18° ♌55'	+18°02'	14° ♌45'	-06°00'	26° ♐40'	+00°16'	08° ♒54' D	-17°25'
1 Feb 1960	25° ♌25' D	+01°49'	25° ♌08'	+18°11'	19° ♌07'	-04°18'	26° ♐42' D	+00°19'	09° ♒01'	-17°15'
1 Mar 1960	24° ♌39'	+02°07'	02° ♌36'	+18°11'	23° ♌12'	-02°41'	26° ♐51'	+00°25'	09° ♒16'	-17°04'
1 Apr 1960	24° ♌31' R	+02°10'	00° ♌21'	+18°12'	27° ♌34'	-00°57'	27° ♐08'	+00°32'	09° ♒37'	-16°54'
1 May 1960	23° ♌25'	+02°36'	03° ♌18' D	+18°20'	01° ♌48'	+00°42'	27° ♐27'	+00°39'	09° ♒56'	-16°47'
1 Jun 1960	20° ♌49'	+03°38'	11° ♌40'	+18°14'	06° ♌10'	+02°26'	27° ♐44'	+00°43'	10° ♒12'	-16°45'
1 Jul 1960	17° ♌57' D	+04°45'	22° ♌35'	+17°25'	10° ♌23'	+04°06'	27° ♐55'	+00°44'	10° ♒18'	-16°48'
1 Aug 1960	16° ♌05' R	+05°29'	03° ♌21' R	+15°58'	14° ♌45'	+05°48'	27° ♐58' R	+00°42'	10° ♒15' R	-16°55'
1 Sep 1960	15° ♌31'	+05°42'	07° ♌48'	+15°11'	19° ♌07'	+07°29'	27° ♐53'	+00°38'	10° ♒02'	-17°03'
1 Oct 1960	15° ♌25' D	+05°44'	02° ♌58' D	+16°02'	23° ♌20'	+09°04'	27° ♐41'	+00°32'	09° ♒45'	-17°11'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Nov 1960	14°♐16' R	+06°11'	22°♌40'	+17°35'	27°♎42'	+10°39'	27°♎25'	+00°26'	09°♎26'	-17°15'
1 Dec 1960	11°♐20'	+07°18'	15°♌46'	+18°24'	01°♏56'	+12°08'	27°♎12'	+00°22'	09°♎13'	-17°15'
1 Jan 1961	07°♐50'	+08°37'	22°♌36'	+17°59'	06°♏18'	+13°37'	27°♎04'	+00°22'	09°♎09' D	-17°09'
1 Feb 1961	06°♐15'	+09°13'	02°♌09'	+16°48'	10°♏40'	+15°01'	27°♎06' D	+00°26'	09°♎16'	-16°59'
1 Mar 1961	06°♐15' D	+09°13'	00°♌44'	+16°59'	14°♏36'	+16°13'	27°♎15'	+00°31'	09°♎31'	-16°49'
1 Apr 1961	05°♐54' R	+09°20'	29°♌44'	+17°12'	18°♏58'	+17°28'	27°♎32'	+00°38'	09°♎51'	-16°39'
1 May 1961	03°♐55'	+10°04'	23°♌22' R	+18°10'	23°♏11'	+18°34'	27°♎50'	+00°45'	10°♎11'	-16°32'
1 Jun 1961	00°♐36'	+11°15'	21°♌45'	+18°33'	27°♏33'	+19°37'	28°♎08'	+00°49'	10°♎27'	-16°30'
1 Jul 1961	28°♏10'	+12°06'	27°♌21'	+18°06'	01°♏47'	+20°31'	28°♎19'	+00°51'	10°♎33'	-16°32'
1 Aug 1961	27°♏17' D	+12°24'	04°♌30'	+17°08'	06°♏09'	+21°20'	28°♎22' R	+00°49'	10°♎30' R	-16°39'
1 Sep 1961	27°♏08' R	+12°27'	13°♌19'	+15°36'	10°♏31'	+22°01'	28°♎17'	+00°44'	10°♎18'	-16°48'
1 Oct 1961	26°♏24'	+12°43'	22°♌51'	+13°35'	14°♏44'	+22°34'	28°♎05'	+00°38'	10°♎00'	-16°55'
1 Nov 1961	24°♏11' D	+13°27'	28°♌28'	+12°21'	19°♏06'	+22°59'	27°♎49'	+00°32'	09°♎42'	-17°00'
1 Dec 1961	21°♏04' R	+14°28'	02°♐19'	+11°34'	23°♏20'	+23°16'	27°♎36'	+00°29'	09°♎29'	-17°00'
1 Jan 1962	18°♏45'	+15°12'	05°♐13'	+10°58'	27°♏42'	+23°25'	27°♎28'	+00°29'	09°♎25' D	-16°54'
1 Feb 1962	18°♏03'	+15°25'	10°♐50'	+09°24'	02°♌03'	+23°25'	27°♎30' D	+00°32'	09°♎31'	-16°44'
1 Mar 1962	17°♏51' D	+15°29'	27°♐00'	+04°14'	06°♌00'	+23°18'	27°♎39'	+00°37'	09°♎46'	-16°34'
1 Apr 1962	16°♏39' R	+15°50'	05°♌41'	+01°17'	10°♌22'	+23°02'	27°♎55'	+00°45'	10°♎06'	-16°24'
1 May 1962	13°♏57'	+16°38'	13°♌26'	-01°18'	14°♌35'	+22°38'	28°♎14'	+00°51'	10°♎26'	-16°17'
1 Jun 1962	10°♏47'	+17°31'	14°♌00'	-01°21'	18°♌57'	+22°06'	28°♎31'	+00°56'	10°♎42'	-16°14'
1 Jul 1962	09°♏08'	+17°58'	08°♌19' D	+00°48'	23°♌11'	+21°27'	28°♎43'	+00°57'	10°♎48'	-16°17'
1 Aug 1962	08°♏56' D	+18°01'	03°♌36'	+02°31'	27°♌33'	+20°39'	28°♎47' R	+00°55'	10°♎45' R	-16°23'
1 Sep 1962	08°♏41' R	+18°05'	06°♌59'	+01°17'	01°♏55'	+19°44'	28°♎42'	+00°51'	10°♎33'	-16°32'
1 Oct 1962	06°♏55'	+18°32'	14°♌30'	-01°24'	06°♏08'	+18°44'	28°♎30'	+00°45'	10°♎16'	-16°40'
1 Nov 1962	03°♏31'	+19°22'	26°♌48'	-05°41'	10°♏30'	+17°36'	28°♎14'	+00°39'	09°♎57'	-16°44'
1 Dec 1962	00°♏46'	+19°59'	29°♌55'	-06°38'	14°♏44'	+16°25'	28°♎00'	+00°35'	09°♎44'	-16°44'
1 Jan 1963	29°♌45' D	+20°12'	20°♌54'	-03°20'	19°♏06'	+15°05'	27°♎53'	+00°35'	09°♎40' D	-16°39'
1 Feb 1963	29°♌36' R	+20°14'	27°♐48'	+04°59'	23°♏27'	+13°42'	27°♎54' D	+00°38'	09°♎46'	-16°29'
1 Mar 1963	28°♌51'	+20°23'	27°♐05' R	+05°11'	27°♏24'	+12°22'	28°♎03'	+00°44'	10°♎00'	-16°19'
1 Apr 1963	26°♌36' D	+20°50'	05°♌59' D	+01°57'	01°♐46'	+10°50'	28°♎19'	+00°51'	10°♎21'	-16°08'
1 May 1963	23°♌36' R	+21°22'	18°♌04'	-02°26'	05°♐59'	+09°18'	28°♎38'	+00°58'	10°♎41'	-16°02'
1 Jun 1963	21°♌19'	+21°45'	28°♌48'	-06°15'	10°♐21'	+07°40'	28°♎56'	+01°02'	10°♎56'	-15°59'
1 Jul 1963	20°♌30'	+21°52'	04°♎50' R	-08°19'	14°♐35'	+06°04'	29°♎07'	+01°04'	11°♎03'	-16°01'
1 Aug 1963	20°♌23' D	+21°53'	04°♎35'	-08°14'	18°♐57'	+04°22'	29°♎11' R	+01°02'	11°♎01' R	-16°08'
1 Sep 1963	19°♌31' R	+22°01'	01°♎52'	-07°25'	23°♐19'	+02°39'	29°♎06'	+00°57'	10°♎48'	-16°16'
1 Oct 1963	16°♌57'	+22°22'	07°♎43'	-09°38'	27°♐32'	+00°58'	28°♎55'	+00°51'	10°♎31'	-16°24'
1 Nov 1963	13°♌29'	+22°45'	16°♎37'	-12°44'	01°♌54'	-00°45'	28°♎39'	+00°45'	10°♎12'	-16°29'
1 Dec 1963	11°♌30'	+22°56'	29°♎58'	-16°46'	06°♌08'	-02°26'	28°♎25'	+00°42'	09°♎59'	-16°29'
1 Jan 1964	11°♌11' D	+22°58'	09°♎37'	-19°09'	10°♌29'	-04°09'	28°♎17'	+00°41'	09°♎55' D	-16°23'
1 Feb 1964	10°♌50' R	+23°00'	12°♎53'	-19°55'	14°♌51'	-05°51'	28°♎18' D	+00°45'	10°♎01'	-16°14'
1 Mar 1964	09°♌06'	+23°07'	16°♎24'	-20°48'	18°♌56'	-07°25'	28°♎27'	+00°50'	10°♎16'	-16°03'
1 Apr 1964	05°♌47'	+23°19'	13°♎30'	-20°31'	23°♌18'	-09°03'	28°♎44'	+00°58'	10°♎36'	-15°53'
1 May 1964	03°♌10'	+23°24'	17°♎57' D	-21°33'	27°♌32'	-10°35'	29°♎03'	+01°04'	10°♎56'	-15°46'
1 Jun 1964	02°♌10' D	+23°25'	28°♎48'	-23°07'	01°♎54'	-12°08'	29°♎21'	+01°09'	11°♎12'	-15°44'
1 Jul 1964	02°♌01' R	+23°25'	09°♎43'	-23°47'	06°♎07'	-13°34'	29°♎32'	+01°10'	11°♎18'	-15°46'
1 Aug 1964	01°♌26' D	+23°26'	18°♎57'	-23°39'	10°♎29'	-14°58'	29°♎36' R	+01°08'	11°♎15' R	-15°53'
1 Sep 1964	29°♏35' R	+23°26'	15°♎35'	-23°55'	14°♎51'	-16°17'	29°♎31'	+01°04'	11°♎03'	-16°01'
1 Oct 1964	26°♏40'	+23°24'	27°♎19'	-23°28'	19°♎05'	-17°29'	29°♎19'	+00°58'	10°♎46'	-16°09'
1 Nov 1964	23°♏58'	+23°18'	21°♎07'	-22°53'	23°♎27'	-18°38'	29°♎04'	+00°52'	10°♎27'	-16°13'
1 Dec 1964	23°♏01'	+23°15'	22°♎56'	-23°14'	27°♎40'	-19°38'	28°♎50'	+00°48'	10°♎14'	-16°13'
1 Jan 1965	23°♏02' D	+23°15'	04°♎13'	-24°24'	02°♎02'	-20°34'	28°♎42'	+00°48'	10°♎10' D	-16°08'
1 Feb 1965	21°♏59' R	+23°12'	13°♎03'	-24°38'	06°♎24'	-21°22'	28°♎43' D	+00°51'	10°♎17'	-15°58'
1 Mar 1965	19°♏30'	+23°01'	11°♎29' R	-24°49'	10°♎20'	-22°00'	28°♎52'	+00°57'	10°♎31'	-15°48'
1 Apr 1965	15°♏58'	+22°42'	06°♎55'	-25°04'	14°♎42'	-22°34'	29°♎09'	+01°04'	10°♎51'	-15°38'
1 May 1965	14°♏06'	+22°29'	04°♎40'	-25°11'	18°♎56'	-22°58'	29°♎27'	+01°11'	11°♎11'	-15°31'
1 Jun 1965	13°♏48' D	+22°27'	07°♎51'	-25°21'	23°♎18'	-23°16'	29°♎45'	+01°15'	11°♎26'	-15°28'
1 Jul 1965	13°♏39' R	+22°26'	17°♎06'	-25°12'	27°♎31'	-23°25'	29°♎57'	+01°17'	11°♎33'	-15°31'
1 Aug 1965	12°♏06'	+22°14'	25°♎20'	-24°30'	01°♎53'	-23°25'	00°♏01' R	+01°15'	11°♎31' R	-15°37'
1 Sep 1965	09°♏15'	+21°50'	02°♎35'	-23°31'	06°♎15'	-23°17'	29°♎56'	+01°10'	11°♎18'	-15°46'
1 Oct 1965	06°♏28' D	+21°23'	09°♎42'	-22°12'	10°♎29'	-23°01'	29°♎45'	+01°04'	11°♎01'	-15°53'
1 Nov 1965	04°♏59'	+21°08'	12°♎31'	-21°41'	14°♎51'	-22°36'	29°♎29'	+00°59'	10°♎43'	-15°58'
1 Dec 1965	04°♏39' R	+21°04'	16°♎45'	-20°36'	19°♎04'	-22°05'	29°♎15'	+00°55'	10°♎29'	-15°58'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Jan 1966	04° II 04' D	+20°57'	22°≈52'	-18°42'	23°ⅴ26'	-21°24'	29°ⅴ07'	+00°55'	10°ⅴ25' D	-15°52'
1 Feb 1966	01° II 59' R	+20°33'	01°ⅹ31'	-15°39'	27°ⅴ48'	-20°36'	29°ⅴ08' D	+00°58'	10°ⅴ32'	-15°43'
1 Mar 1966	28° ⅸ 51'	+19°54'	17°ⅹ09'	-09°28'	01°≈45'	-19°46'	29°ⅴ17'	+01°03'	10°ⅴ45'	-15°33'
1 Apr 1966	26° ⅸ 19'	+19°19'	25°ⅹ00'	-06°07'	06°≈06'	-18°44'	29°ⅴ33'	+01°11'	11°ⅴ06'	-15°23'
1 May 1966	25° ⅸ 22'	+19°06'	27°ⅹ12'	-05°12'	10°≈20'	-17°39'	29°ⅴ52'	+01°17'	11°ⅴ26'	-15°16'
1 Jun 1966	25° ⅸ 20' D	+19°06'	20°ⅹ25' D	-08°10'	14°≈42'	-16°25'	00° ⅸ 10'	+01°22'	11°ⅴ41'	-15°13'
1 Jul 1966	24° ⅸ 41' R	+18°56'	10°ⅹ56'	-12°01'	18°≈55'	-15°09'	00° ⅸ 22'	+01°24'	11°ⅴ48'	-15°15'
1 Aug 1966	22° ⅸ 11'	+18°19'	11°ⅹ51'	-11°28'	23°≈17'	-13°45'	00° ⅸ 27' R	+01°22'	11°ⅴ46' R	-15°22'
1 Sep 1966	18° ⅸ 43'	+17°23'	19°ⅹ15'	-08°14'	27°≈39'	-12°17'	00° ⅸ 22'	+01°17'	11°ⅴ34'	-15°30'
1 Oct 1966	16° ⅸ 35'	+16°47'	26°ⅹ10'	-05°10'	01°ⅹ53'	-10°48'	00° ⅸ 10'	+01°11'	11°ⅴ16'	-15°38'
1 Nov 1966	16° ⅸ 09' D	+16°40'	04°ⅴ16'	-01°32'	06°ⅹ15'	-09°13'	29°ⅴ54'	+01°05'	10°ⅴ58'	-15°42'
1 Dec 1966	16° ⅸ 03' R	+16°38'	26°ⅹ30'	-05°03'	10°ⅹ28'	-07°38'	29°ⅴ40'	+01°02'	10°ⅴ45'	-15°42'
1 Jan 1967	14° ⅸ 30'	+16°11'	11°ⅹ16'	-11°32'	14°ⅹ50'	-05°58'	29°ⅴ32'	+01°01'	10°ⅴ40' D	-15°37'
1 Feb 1967	11° ⅸ 32'	+15°17'	04°ⅹ25' R	-14°12'	19°ⅹ12'	-04°16'	29°ⅴ33' D	+01°04'	10°ⅴ46'	-15°28'
1 Mar 1967	08° ⅸ 40' D	+14°23'	15°ⅹ14'	-09°35'	23°ⅹ09'	-02°43'	29°ⅴ42'	+01°10'	11°ⅴ00'	-15°18'
1 Apr 1967	07° ⅸ 13'	+13°55'	25°ⅹ19'	-05°04'	27°ⅹ31'	-00°59'	29°ⅴ58'	+01°17'	11°ⅴ20'	-15°08'
1 May 1967	06° ⅸ 54' R	+13°49'	06°ⅴ49'	+00°16'	01°ⅴ44'	+00°41'	00° ⅸ 17'	+01°24'	11°ⅴ40'	-15°01'
1 Jun 1967	06° ⅸ 29' D	+13°41'	14°ⅴ55'	+04°06'	06°ⅴ06'	+02°25'	00° ⅸ 35'	+01°29'	11°ⅴ56'	-14°58'
1 Jul 1967	04° ⅸ 51'	+13°08'	19°ⅴ16'	+06°16'	10°ⅴ19'	+04°05'	00° ⅸ 48'	+01°30'	12°ⅴ03'	-15°00'
1 Aug 1967	02° ⅸ 01' R	+12°10'	19°ⅴ21'	+06°33'	14°ⅴ41'	+05°47'	00° ⅸ 52' R	+01°28'	12°ⅴ01' R	-15°06'
1 Sep 1967	29°ⅴ15'	+11°12'	20°ⅴ04'	+07°05'	19°ⅴ03'	+07°27'	00° ⅸ 48'	+01°24'	11°ⅴ49'	-15°14'
1 Oct 1967	28°ⅴ02'	+10°46'	28°ⅴ35'	+11°01'	23°ⅴ17'	+09°02'	00° ⅸ 36'	+01°18'	11°ⅴ32'	-15°22'
1 Nov 1967	27°ⅴ57' D	+10°44'	08° ⅸ 12'	+15°08'	27°ⅴ39'	+10°38'	00° ⅸ 20'	+01°12'	11°ⅴ13'	-15°27'
1 Dec 1967	27°ⅴ21' R	+10°31'	20° ⅸ 53'	+19°58'	01° ⅸ 52'	+12°07'	00° ⅸ 06'	+01°08'	11°ⅴ00'	-15°27'
1 Jan 1968	24°ⅴ43'	+09°34'	28° ⅸ 15'	+22°29'	06° ⅸ 14'	+13°36'	29°ⅴ57'	+01°08'	10°ⅴ55' D	-15°22'
1 Feb 1968	21°ⅴ08'	+08°14'	27° ⅸ 29'	+22°31'	10° ⅸ 36'	+15°00'	29°ⅴ58' D	+01°11'	11°ⅴ01'	-15°13'
1 Mar 1968	19°ⅴ05'	+07°28'	26° ⅸ 35'	+22°28'	14° ⅸ 41'	+16°14'	00° ⅸ 07'	+01°17'	11°ⅴ15'	-15°02'
1 Apr 1968	18°ⅴ40' D	+07°19'	25° ⅸ 53' D	+22°20'	19° ⅸ 03'	+17°29'	00° ⅸ 24'	+01°24'	11°ⅴ36'	-14°52'
1 May 1968	18°ⅴ33' R	+07°16'	02° II 19'	+24°11'	23° ⅸ 17'	+18°35'	00° ⅸ 43'	+01°31'	11°ⅴ55'	-14°45'
1 Jun 1968	17°ⅴ05'	+06°42'	14° II 40'	+26°50'	27° ⅸ 38'	+19°38'	01° ⅸ 01'	+01°35'	12°ⅴ11'	-14°43'
1 Jul 1968	14°ⅴ22'	+05°40'	23° II 38'	+27°59'	01° II 52'	+20°32'	01° ⅸ 13'	+01°37'	12°ⅴ18'	-14°45'
1 Aug 1968	11°ⅴ37' D	+04°36'	27° II 55'	+28°22'	06° II 14'	+21°21'	01° ⅸ 18' R	+01°35'	12°ⅴ15' R	-14°51'
1 Sep 1968	10°ⅴ01' R	+03°58'	12° II 03'	+26°48'	10° II 36'	+22°02'	01° ⅸ 13'	+01°31'	12°ⅴ03'	-14°59'
1 Oct 1968	09°ⅴ38'	+03°49'	22° ⅸ 57'	+22°01'	14° II 49'	+22°34'	01° ⅸ 01'	+01°25'	11°ⅴ46'	-15°07'
1 Nov 1968	09°ⅴ27' D	+03°44'	27° ⅸ 21'	+23°21'	19° II 11'	+23°00'	00° ⅸ 46'	+01°19'	11°ⅴ28'	-15°11'
1 Dec 1968	07°ⅴ56' R	+03°08'	05° II 10'	+25°22'	23° II 25'	+23°16'	00° ⅸ 31'	+01°15'	11°ⅴ14'	-15°11'
1 Jan 1969	04°ⅴ34'	+01°48'	16° II 46'	+27°31'	27° II 47'	+23°25'	00° ⅸ 23'	+01°15'	11°ⅴ10' D	-15°06'
1 Feb 1969	01°ⅴ20'	+00°32'	21° II 53'	+28°12'	02° ⅸ 09'	+23°25'	00° ⅸ 23' D	+01°18'	11°ⅴ16'	-14°57'
1 Mar 1969	00°ⅴ22'	+00°08'	21° II 28' R	+28°19'	06° ⅸ 05'	+23°18'	00° ⅸ 32'	+01°23'	11°ⅴ30'	-14°47'
1 Apr 1969	00°ⅴ17' D	+00°07'	16° II 50'	+27°53'	10° ⅸ 27'	+23°01'	00° ⅸ 49'	+01°31'	11°ⅴ50'	-14°37'
1 May 1969	29°ⅹ42' R	-00°06'	19° II 44'	+28°06'	14° ⅸ 41'	+22°38'	01° ⅸ 08'	+01°37'	12°ⅴ10'	-14°30'
1 Jun 1969	27°ⅹ18'	-01°04'	26° II 36'	+28°25'	19° ⅸ 03'	+22°05'	01° ⅸ 26'	+01°42'	12°ⅴ26'	-14°27'
1 Jul 1969	24°ⅹ07'	-02°19'	07° ⅸ 55'	+28°04'	23° ⅸ 16'	+21°26'	01° ⅸ 39'	+01°44'	12°ⅴ33'	-14°29'
1 Aug 1969	21°ⅹ49'	-03°14'	16° ⅸ 20'	+27°06'	27° ⅸ 38'	+20°38'	01° ⅸ 44' R	+01°42'	12°ⅴ30' R	-14°35'
1 Sep 1969	21°ⅹ09' D	-03°30'	21° ⅸ 22'	+26°14'	02° ⅸ 00'	+19°42'	01° ⅸ 39'	+01°37'	12°ⅴ18'	-14°44'
1 Oct 1969	20°ⅹ59' R	-03°34'	25° ⅸ 44'	+25°14'	06° ⅸ 13'	+18°43'	01° ⅸ 28'	+01°31'	12°ⅴ01'	-14°51'
1 Nov 1969	19°ⅹ49'	-04°01'	27° ⅸ 02'	+24°46'	10° ⅸ 35'	+17°34'	01° ⅸ 12'	+01°26'	11°ⅴ43'	-14°56'
1 Dec 1969	17°ⅹ08'	-05°04'	02° ⅸ 38'	+23°00'	14° ⅸ 49'	+16°23'	00° ⅸ 57'	+01°22'	11°ⅴ29'	-14°56'
1 Jan 1970	14°ⅹ03'	-06°16'	11° ⅸ 56'	+19°48'	19° ⅸ 11'	+15°04'	00° ⅸ 49'	+01°21'	11°ⅴ25' D	-14°51'
1 Feb 1970	12°ⅹ13'	-06°58'	22° ⅸ 40'	+15°36'	23° ⅸ 33'	+13°40'	00° ⅸ 49' D	+01°25'	11°ⅴ31'	-14°42'
1 Mar 1970	11°ⅹ49'	-07°07'	05°ⅴ55'	+09°51'	27° ⅸ 29'	+12°20'	00° ⅸ 58'	+01°30'	11°ⅴ44'	-14°32'
1 Apr 1970	11°ⅹ32' D	-07°14'	09°ⅴ45'	+08°03'	01°ⅴ51'	+10°48'	01° ⅸ 14'	+01°37'	12°ⅴ04'	-14°22'
1 May 1970	10°ⅹ06' R	-07°46'	00°ⅴ08' D	+12°15'	06°ⅴ05'	+09°16'	01° ⅸ 33'	+01°44'	12°ⅴ24'	-14°15'
1 Jun 1970	07°ⅹ14'	-08°51'	18° ⅸ 13'	+16°55'	10°ⅴ27'	+07°38'	01° ⅸ 52'	+01°49'	12°ⅴ40'	-14°12'
1 Jul 1970	04°ⅹ22'	-09°54'	13° ⅸ 31'	+18°30'	14°ⅴ40'	+06°02'	02° ⅸ 05'	+01°50'	12°ⅴ47'	-14°14'
1 Aug 1970	02°ⅹ53'	-10°26'	21° ⅸ 26'	+15°20'	19°ⅴ02'	+04°20'	02° ⅸ 10'	+01°49'	12°ⅴ45' R	-14°20'
1 Sep 1970	02°ⅹ50'	-10°27'	01°ⅴ15'	+11°09'	23°ⅴ24'	+02°37'	02° ⅸ 05' R	+01°44'	12°ⅴ33'	-14°28'
1 Oct 1970	02°ⅹ28'	-10°35'	05°ⅴ52'	+09°04'	27°ⅴ38'	+00°56'	01° ⅸ 54'	+01°38'	12°ⅴ16'	-14°36'
1 Nov 1970	00°ⅹ12'	-11°24'	06°ⅴ30'	+08°36'	01° ⅸ 59'	-00°47'	01° ⅸ 38'	+01°32'	11°ⅴ58'	-14°40'
1 Dec 1970	26°≈51'	-12°33'	24° ⅸ 20'	+13°36'	06° ⅸ 13'	-02°28'	01° ⅸ 23'	+01°29'	11°ⅴ44'	-14°41'
1 Jan 1971	24°≈22' D	-13°23'	17° ⅸ 39' R	+16°07'	10° ⅸ 35'	-04°11'	01° ⅸ 14'	+01°28'	11°ⅴ40' D	-14°36'
1 Feb 1971	23°≈40'	-13°37'	20° ⅸ 30'	+14°56'	14° ⅸ 57'	-05°53'	01° ⅸ 15' D	+01°31'	11°ⅴ45'	-14°27'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Mar 1971	23° 32' R	-13° 40'	05° 49'	+08° 19'	18° 53'	-07° 24'	01° 23'	+01° 37'	11° 59'	-14° 17'
1 Apr 1971	22° 25'	-14° 02'	15° 19'	+03° 55'	23° 15'	-09° 02'	01° 40'	+01° 44'	12° 19'	-14° 07'
1 May 1971	19° 55'	-14° 50'	25° 00'	-00° 41'	27° 29'	-10° 34'	01° 59'	+01° 51'	12° 39'	-14° 00'
1 Jun 1971	17° 01'	-15° 44'	29° 42'	-03° 02'	01° 51'	-12° 07'	02° 18'	+01° 56'	12° 55'	-13° 57'
1 Jul 1971	15° 09'	-16° 17'	02° 47'	-04° 38'	06° 04'	-13° 32'	02° 31'	+01° 57'	13° 02'	-13° 59'
1 Aug 1971	14° 34'	-16° 27'	04° 50'	-05° 39'	10° 26'	-14° 57'	02° 36'	+01° 56'	13° 00' R	-14° 04'
1 Sep 1971	14° 23' D	-16° 30'	09° 11'	-07° 35'	14° 48'	-16° 16'	02° 32' R	+01° 51'	12° 48'	-14° 12'
1 Oct 1971	13° 10' R	-16° 51'	19° 35'	-12° 00'	19° 02'	-17° 28'	02° 20'	+01° 45'	12° 31'	-14° 20'
1 Nov 1971	10° 12'	-17° 41'	29° 25'	-15° 51'	23° 24'	-18° 37'	02° 04'	+01° 39'	12° 13'	-14° 25'
1 Dec 1971	06° 59'	-18° 31'	10° 22'	-19° 43'	27° 37'	-19° 37'	01° 50'	+01° 35'	11° 59'	-14° 25'
1 Jan 1972	05° 18'	-18° 56'	14° 04'	-20° 59'	01° 59'	-20° 33'	01° 41'	+01° 35'	11° 54' D	-14° 20'
1 Feb 1972	05° 14'	-18° 57'	09° 11'	-19° 32'	06° 21'	-21° 22'	01° 41' D	+01° 38'	12° 00'	-14° 12'
1 Mar 1972	04° 50'	-19° 03'	05° 13' D	-18° 07'	10° 26'	-22° 01'	01° 49'	+01° 44'	12° 14'	-14° 01'
1 Apr 1972	02° 28'	-19° 36'	08° 27'	-19° 03'	14° 48'	-22° 34'	02° 06'	+01° 51'	12° 34'	-13° 51'
1 May 1972	29° 10'	-20° 19'	15° 45'	-21° 09'	19° 01'	-22° 59'	02° 26'	+01° 58'	12° 54'	-13° 44'
1 Jun 1972	26° 46'	-20° 48'	27° 25'	-23° 54'	23° 23'	-23° 16'	02° 44'	+02° 02'	13° 09'	-13° 41'
1 Jul 1972	26° 02' D	-20° 56'	00° 30'	-24° 30'	27° 37'	-23° 25'	02° 57'	+02° 04'	13° 17'	-13° 43'
1 Aug 1972	25° 57' R	-20° 57'	22° 56'	-23° 02'	01° 59'	-23° 25'	03° 02'	+02° 03'	13° 14' R	-13° 49'
1 Sep 1972	25° 12' D	-21° 05'	02° 11'	-17° 02'	06° 21'	-23° 17'	02° 58' R	+01° 58'	13° 03'	-13° 57'
1 Oct 1972	23° 03' R	-21° 28'	27° 55'	-15° 25'	10° 34'	-23° 01'	02° 47'	+01° 52'	12° 46'	-14° 05'
1 Nov 1972	19° 54'	-21° 57'	08° 53'	-18° 58'	14° 56'	-22° 36'	02° 31'	+01° 46'	12° 27'	-14° 09'
1 Dec 1972	17° 31'	-22° 17'	19° 32'	-21° 50'	19° 10'	-22° 04'	02° 16'	+01° 42'	12° 14'	-14° 10'
1 Jan 1973	16° 47'	-22° 23'	29° 48'	-23° 53'	23° 32'	-21° 23'	02° 07'	+01° 42'	12° 09' D	-14° 05'
1 Feb 1973	16° 44'	-22° 23'	01° 17' R	-24° 05'	27° 53'	-20° 35'	02° 07' D	+01° 45'	12° 15'	-13° 56'
1 Mar 1973	15° 28'	-22° 32'	04° 05'	-24° 17'	01° 50'	-19° 45'	02° 15'	+01° 50'	12° 28'	-13° 46'
1 Apr 1973	12° 29'	-22° 51'	02° 08'	-23° 46'	06° 12'	-18° 43'	02° 32'	+01° 58'	12° 48'	-13° 36'
1 May 1973	09° 25'	-23° 06'	08° 44'	-24° 19'	10° 25'	-17° 37'	02° 52'	+02° 04'	13° 08'	-13° 29'
1 Jun 1973	07° 48'	-23° 12'	17° 17'	-24° 39'	14° 47'	-16° 23'	03° 10'	+02° 09'	13° 24'	-13° 26'
1 Jul 1973	07° 39'	-23° 13'	28° 56'	-24° 14'	19° 01'	-15° 07'	03° 24'	+02° 11'	13° 31'	-13° 28'
1 Aug 1973	07° 19'	-23° 14'	06° 11'	-23° 24'	23° 23'	-13° 43'	03° 29'	+02° 10'	13° 29' R	-13° 34'
1 Sep 1973	05° 25'	-23° 19'	08° 08'	-22° 57'	27° 45'	-12° 15'	03° 25' R	+02° 05'	13° 18'	-13° 42'
1 Oct 1973	02° 23'	-23° 25'	09° 36'	-22° 27'	01° 58'	-10° 46'	03° 13'	+01° 59'	13° 01'	-13° 49'
1 Nov 1973	29° 46' D	-23° 26'	11° 05'	-21° 58'	06° 20'	-09° 11'	02° 57'	+01° 53'	12° 42'	-13° 54'
1 Dec 1973	28° 42'	-23° 26'	18° 50' D	-20° 18'	10° 34'	-07° 36'	02° 43'	+01° 49'	12° 29'	-13° 54'
1 Jan 1974	28° 30' R	-23° 26'	01° 00'	-17° 09'	14° 56'	-05° 56'	02° 33'	+01° 49'	12° 24' D	-13° 50'
1 Feb 1974	27° 37' D	-23° 25'	12° 55' R	-13° 24'	19° 17'	-04° 14'	02° 33' D	+01° 52'	12° 30'	-13° 41'
1 Mar 1974	25° 16' R	-23° 21'	21° 16' D	-10° 26'	23° 14'	-02° 40'	02° 42'	+01° 57'	12° 43'	-13° 31'
1 Apr 1974	22° 15'	-23° 12'	16° 38'	-11° 55'	27° 36'	-00° 57'	02° 58'	+02° 05'	13° 03'	-13° 21'
1 May 1974	20° 08'	-23° 04'	24° 05'	-18° 26'	01° 49'	+00° 43'	03° 18'	+02° 11'	13° 22'	-13° 14'
1 Jun 1974	19° 25'	-23° 01'	18° 58'	-19° 30'	06° 11'	+02° 27'	03° 37'	+02° 16'	13° 38'	-13° 11'
1 Jul 1974	19° 24' D	-23° 01'	22° 23'	-18° 44'	10° 25'	+04° 07'	03° 50'	+02° 18'	13° 46'	-13° 12'
1 Aug 1974	18° 29' R	-22° 56'	03° 36'	-15° 48'	14° 47'	+05° 49'	03° 56'	+02° 17'	13° 44' R	-13° 18'
1 Sep 1974	15° 39'	-22° 40'	12° 20'	-13° 04'	19° 09'	+07° 30'	03° 52' R	+02° 12'	13° 33'	-13° 26'
1 Oct 1974	12° 23'	-22° 17'	12° 22'	-12° 53'	23° 22'	+09° 04'	03° 41'	+02° 06'	13° 16'	-13° 33'
1 Nov 1974	10° 27'	-22° 01'	06° 01'	-14° 36'	27° 44'	+10° 40'	03° 25'	+02° 00'	12° 57'	-13° 38'
1 Dec 1974	10° 15' D	-21° 59'	29° 55' R	-16° 13'	01° 58'	+12° 09'	03° 10'	+01° 56'	12° 44'	-13° 39'
1 Jan 1975	09° 56' R	-21° 56'	02° 19'	-15° 37'	06° 20'	+13° 38'	03° 00'	+01° 56'	12° 38' D	-13° 34'
1 Feb 1975	07° 57'	-21° 38'	10° 10'	-13° 22'	10° 841'	+15° 02'	03° 00' D	+01° 59'	12° 44'	-13° 26'
1 Mar 1975	04° 55'	-21° 07'	27° 27'	-07° 40'	14° 838'	+16° 13'	03° 08'	+02° 04'	12° 57'	-13° 16'
1 Apr 1975	02° 10' D	-20° 35'	05° 37'	-04° 40'	19° 800'	+17° 28'	03° 25'	+02° 11'	13° 17'	-13° 06'
1 May 1975	01° 03'	-20° 22'	12° 46'	-02° 00'	23° 813'	+18° 35'	03° 44'	+02° 18'	13° 37'	-12° 59'
1 Jun 1975	00° 51' R	-20° 20'	14° 30'	-01° 21'	27° 835'	+19° 37'	04° 03'	+02° 23'	13° 53'	-12° 55'
1 Jul 1975	00° 11'	-20° 11'	17° 32'	-00° 21'	01° 49'	+20° 31'	04° 17'	+02° 25'	14° 01'	-12° 57'
1 Aug 1975	28° 12' D	-19° 45'	22° 23'	+01° 14'	06° 11'	+21° 20'	04° 23'	+02° 24'	13° 59' R	-13° 03'
1 Sep 1975	25° 14' R	-19° 04'	29° 46'	+03° 43'	10° 33'	+22° 01'	04° 19' R	+02° 19'	13° 47'	-13° 10'
1 Oct 1975	22° 47'	-18° 28'	10° 56'	+07° 29'	14° 46'	+22° 34'	04° 08'	+02° 13'	13° 31'	-13° 18'
1 Nov 1975	21° 48'	-18° 13'	19° 20'	+10° 11'	19° 08'	+22° 59'	03° 52'	+02° 07'	13° 12'	-13° 23'
1 Dec 1975	21° 47' D	-18° 12'	25° 53'	+12° 09'	23° 22'	+23° 16'	03° 37'	+02° 03'	12° 58'	-13° 23'
1 Jan 1976	20° 49' R	-17° 57'	23° 20'	+11° 16'	27° 43'	+23° 25'	03° 27'	+02° 03'	12° 53' D	-13° 19'
1 Feb 1976	17° 43'	-17° 07'	16° 27' D	+08° 52'	02° 05'	+23° 25'	03° 27' D	+02° 06'	12° 59'	-13° 10'
1 Mar 1976	14° 34'	-16° 12'	12° 57'	+07° 33'	06° 10'	+23° 17'	03° 35'	+02° 11'	13° 12'	-13° 00'
1 Apr 1976	12° 40'	-15° 38'	20° 43'	+09° 54'	10° 32'	+23° 01'	03° 52'	+02° 19'	13° 32'	-12° 50'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 May 1976	12°♌31' D	-15°35'	27°♌48'	+11°57'	14°♎46'	+22°37'	04°♌11'	+02°25'	13°♌52'	-12°43'
1 Jun 1976	12°♌16' R	-15°31'	06°♌07'	+14°05'	19°♎08'	+22°04'	04°♌31'	+02°30'	14°♌08'	-12°40'
1 Jul 1976	10°♌40'	-15°01'	00°♌19'	+12°26'	23°♎21'	+21°25'	04°♌44'	+02°32'	14°♌15'	-12°42'
1 Aug 1976	07°♌48'	-14°06'	16°♌06'	+08°03'	27°♎43'	+20°37'	04°♌50'	+02°31'	14°♌13' R	-12°47'
1 Sep 1976	05°♌13'	-13°15'	06°♌46'	+04°56'	02°♏05'	+19°41'	04°♌46' R	+02°26'	14°♌02'	-12°55'
1 Oct 1976	03°♌50'	-12°47'	11°♌55'	+06°31'	06°♏19'	+18°41'	04°♌35'	+02°20'	13°♌45'	-13°03'
1 Nov 1976	03°♌33' D	-12°42'	24°♌28'	+10°15'	10°♏40'	+17°33'	04°♌19'	+02°14'	13°♌26'	-13°08'
1 Dec 1976	03°♌07'	-12°33'	05°♌20'	+13°06'	14°♏54'	+16°21'	04°♌04'	+02°10'	13°♌13'	-13°08'
1 Jan 1977	01°♌09' R	-11°52'	12°♌52' R	+14°43'	19°♏16'	+15°02'	03°♌54'	+02°10'	13°♌08' D	-13°03'
1 Feb 1977	27°♌41'	-10°39'	11°♌46'	+14°12'	23°♏38'	+13°38'	03°♌54' D	+02°13'	13°♌13'	-12°55'
1 Mar 1977	25°♌21'	-09°48'	18°♌18'	+15°20'	27°♏34'	+12°18'	04°♌02'	+02°18'	13°♌26'	-12°45'
1 Apr 1977	24°♌22'	-09°26'	19°♌57'	+15°31'	01°♐56'	+10°46'	04°♌19'	+02°26'	13°♌46'	-12°35'
1 May 1977	24°♌19' D	-09°25'	29°♌04'	+17°00'	06°♐10'	+09°14'	04°♌38'	+02°32'	14°♌06'	-12°28'
1 Jun 1977	23°♌26' R	-09°06'	08°♐25'	+18°07'	10°♐32'	+07°37'	04°♌58'	+02°37'	14°♌22'	-12°25'
1 Jul 1977	20°♌56'	-08°10'	19°♐37'	+18°45'	14°♐45'	+06°00'	05°♌12'	+02°39'	14°♌29'	-12°26'
1 Aug 1977	17°♌38'	-06°55'	25°♐07'	+18°41'	19°♐07'	+04°18'	05°♌18'	+02°38'	14°♌28' R	-12°32'
1 Sep 1977	15°♌39' D	-06°09'	23°♐48'	+18°28'	23°♐29'	+02°35'	05°♌14' R	+02°33'	14°♌16'	-12°40'
1 Oct 1977	15°♌14'	-06°00'	23°♐05'	+18°22'	27°♐42'	+00°54'	05°♌03'	+02°27'	14°♌00'	-12°47'
1 Nov 1977	15°♌00' R	-05°54'	26°♐13' D	+18°25'	02°♑04'	-00°49'	04°♌47'	+02°21'	13°♌41'	-12°52'
1 Dec 1977	13°♌26'	-05°18'	05°♑30'	+18°17'	06°♑18'	-02°30'	04°♌31'	+02°18'	13°♌27'	-12°53'
1 Jan 1978	10°♌20'	-04°05'	19°♑14'	+17°08'	10°♑40'	-04°13'	04°♌22'	+02°17'	13°♌22'	-12°48'
1 Feb 1978	07°♌28'	-02°58'	00°♑37' R	+15°25'	15°♑02'	-05°55'	04°♌21' D	+02°20'	13°♌28' D	-12°40'
1 Mar 1978	06°♌06' D	-02°25'	27°♑23' D	+15°53'	18°♑58'	-07°26'	04°♌29'	+02°25'	13°♌41'	-12°30'
1 Apr 1978	05°♌52'	-02°20'	07°♑03'	+17°58'	23°♑20'	-09°04'	04°♌45'	+02°33'	14°♌00'	-12°20'
1 May 1978	05°♌27'	-02°10'	19°♐22'	+18°01'	27°♑34'	-10°36'	05°♌05'	+02°39'	14°♌20'	-12°13'
1 Jun 1978	03°♌45' R	-01°29'	25°♐47'	+18°21'	01°♑56'	-12°08'	05°♌25'	+02°44'	14°♌36'	-12°10'
1 Jul 1978	00°♌49'	-00°19'	04°♑47'	+18°21'	06°♑09'	-13°34'	05°♌39'	+02°46'	14°♌44'	-12°11'
1 Aug 1978	27°♐58'	+00°48'	16°♑29'	+17°36'	10°♑31'	-14°58'	05°♌45'	+02°45'	14°♌42' R	-12°16'
1 Sep 1978	26°♐46'	+01°16'	22°♑20'	+16°54'	14°♑53'	-16°18'	05°♌42' R	+02°41'	14°♌31'	-12°24'
1 Oct 1978	26°♐47' D	+01°16'	18°♑59' R	+17°15'	19°♑06'	-17°30'	05°♌31'	+02°35'	14°♌14'	-12°32'
1 Nov 1978	26°♐07' R	+01°32'	12°♑17'	+17°56'	23°♑28'	-18°38'	05°♌15'	+02°29'	13°♌56'	-12°37'
1 Dec 1978	23°♐35'	+02°32'	14°♑05'	+18°01'	27°♑42'	-19°39'	04°♌59'	+02°25'	13°♌42'	-12°37'
1 Jan 1979	20°♐02'	+03°56'	21°♑34'	+17°27'	02°♑04'	-20°34'	04°♌49'	+02°24'	13°♌37'	-12°33'
1 Feb 1979	17°♐57' D	+04°45'	01°♑09'	+16°11'	06°♑26'	-21°23'	04°♌48' D	+02°27'	13°♌42' D	-12°25'
1 Mar 1979	17°♐27'	+04°57'	18°♑35'	+12°48'	10°♑22'	-22°00'	04°♌56'	+02°32'	13°♌55'	-12°15'
1 Apr 1979	17°♐15' R	+05°01'	24°♑13'	+11°30'	14°♑44'	-22°34'	05°♌13'	+02°40'	14°♌14'	-12°05'
1 May 1979	15°♐52'	+05°34'	28°♑01'	+10°41'	18°♑58'	-22°59'	05°♌32'	+02°46'	14°♌34'	-11°58'
1 Jun 1979	13°♐04'	+06°38'	27°♑47'	+10°59'	23°♑20'	-23°16'	05°♌52'	+02°51'	14°♌50'	-11°55'
1 Jul 1979	10°♐20' D	+07°41'	02°♑04'	+10°02'	27°♑33'	-23°25'	06°♌06'	+02°53'	14°♌58'	-11°56'
1 Aug 1979	08°♐50'	+08°15'	10°♑19'	+07°49'	01°♑55'	-23°25'	06°♌13'	+02°52'	14°♌56' R	-12°01'
1 Sep 1979	08°♐28' R	+08°23'	20°♑14'	+04°51'	06°♑17'	-23°17'	06°♌10' R	+02°48'	14°♌45'	-12°09'
1 Oct 1979	08°♐10' D	+08°30'	01°♑10'	+01°24'	10°♑30'	-23°01'	05°♌59'	+02°42'	14°♌29'	-12°16'
1 Nov 1979	06°♐39' R	+09°04'	06°♑39'	-00°18'	14°♑52'	-22°36'	05°♌43'	+02°36'	14°♌10'	-12°21'
1 Dec 1979	03°♐34'	+10°11'	05°♑36' D	+00°13'	19°♑06'	-22°04'	05°♌27'	+02°32'	13°♌56'	-12°22'
1 Jan 1980	00°♐26'	+11°19'	27°♑21'	+03°10'	23°♑28'	-21°24'	05°♌17'	+02°31'	13°♌51'	-12°18'
1 Feb 1980	29°♑15'	+11°44'	23°♑52'	+04°27'	27°♑50'	-20°35'	05°♌16' D	+02°34'	13°♌56' D	-12°10'
1 Mar 1980	29°♑20'	+11°42'	23°♑09'	+04°40'	01°♑55'	-19°44'	05°♌24'	+02°39'	14°♌09'	-12°00'
1 Apr 1980	28°♑36'	+11°57'	02°♑43'	+01°34'	06°♑16'	-18°42'	05°♌40'	+02°47'	14°♌29'	-11°50'
1 May 1980	26°♑08'	+12°48'	06°♑47'	+00°18'	10°♑30'	-17°36'	06°♌00'	+02°54'	14°♌48'	-11°43'
1 Jun 1980	22°♑45'	+13°55'	07°♑35'	+00°15'	14°♑52'	-16°22'	06°♌20'	+02°59'	15°♌04'	-11°39'
1 Jul 1980	20°♑44'	+14°34'	26°♑42'	+04°06'	19°♑05'	-15°05'	06°♌35'	+03°01'	15°♌12'	-11°41'
1 Aug 1980	20°♑13' D	+14°44'	18°♑57' R	+06°42'	23°♑27'	-13°41'	06°♌41'	+02°59'	15°♌11' R	-11°46'
1 Sep 1980	20°♑05' R	+14°47'	20°♑01'	+06°22'	27°♑49'	-12°13'	06°♌38' R	+02°55'	14°♌59'	-11°53'
1 Oct 1980	19°♑03' D	+15°06'	29°♑40'	+03°12'	02°♑03'	-10°44'	06°♌27'	+02°49'	14°♌43'	-12°01'
1 Nov 1980	16°♑31' R	+15°53'	11°♑46' D	-00°50'	06°♑25'	-09°09'	06°♌10'	+02°43'	14°♌24'	-12°06'
1 Dec 1980	13°♑23'	+16°48'	21°♑34'	-04°02'	10°♑38'	-07°34'	05°♌55'	+02°39'	14°♌11'	-12°07'
1 Jan 1981	11°♑20'	+17°22'	26°♑31' R	-05°32'	15°♑00'	-05°54'	05°♌45'	+02°38'	14°♌05'	-12°02'
1 Feb 1981	10°♑54' D	+17°29'	25°♑20'	-05°03'	19°♑22'	-04°12'	05°♌44' D	+02°41'	14°♌10' D	-11°54'
1 Mar 1981	10°♑34'	+17°35'	05°♑01'	-08°17'	23°♑19'	-02°39'	05°♌51'	+02°47'	14°♌23'	-11°45'
1 Apr 1981	08°♑56' R	+18°01'	09°♑51'	-09°56'	27°♑40'	-00°55'	06°♌08'	+02°54'	14°♌43'	-11°35'
1 May 1981	05°♑55'	+18°47'	20°♑14'	-13°06'	01°♑54'	+00°45'	06°♌28'	+03°01'	15°♌02'	-11°28'
1 Jun 1981	02°♑59'	+19°29'	29°♑06'	-15°29'	06°♑16'	+02°29'	06°♌48'	+03°06'	15°♌18'	-11°24'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Jul 1981	01° ♊45'	+19°46'	08° ♌09'	-17°30'	10° ♎29'	+04°09'	07° ♏02'	+03°08'	15° ♒26'	-11°25'
1 Aug 1981	01° ♊42'	+19°46'	10° ♌00'	-17°51'	14° ♎51'	+05°51'	07° ♏09'	+03°06'	15° ♒25' R	-11°30'
1 Sep 1981	01° ♊08'	+19°54'	05° ♌15'	-16°58'	19° ♎13'	+07°31'	07° ♏06' R	+03°02'	15° ♒14'	-11°38'
1 Oct 1981	28° ♋56'	+20°22'	04° ♌12'	-16°56'	23° ♎27'	+09°06'	06° ♏55'	+02°56'	14° ♒57'	-11°45'
1 Nov 1981	25° ♋30'	+21°02'	10° ♌34' D	-18°30'	27° ♎49'	+10°41'	06° ♏39'	+02°50'	14° ♒39'	-11°50'
1 Dec 1981	23° ♋08' D	+21°27'	21° ♌06'	-20°24'	02° ♏02'	+12°11'	06° ♏23'	+02°46'	14° ♒25'	-11°51'
1 Jan 1982	22° ♋28'	+21°34'	05° ♌20'	-21°46'	06° ♏24'	+13°39'	06° ♏13'	+02°45'	14° ♒19'	-11°47'
1 Feb 1982	22° ♋17' R	+21°35'	13° ♌15'	-21°57'	10° ♏46'	+15°03'	06° ♏12' D	+02°48'	14° ♒24' D	-11°39'
1 Mar 1982	21° ♋12'	+21°46'	21° ♌15'	-20°35'	14° ♏42'	+16°15'	06° ♏19'	+02°54'	14° ♒37'	-11°30'
1 Apr 1982	18° ♋37' D	+22°08'	29° ♌43'	-16°22'	19° ♏04'	+17°29'	06° ♏36'	+03°01'	14° ♒57'	-11°20'
1 May 1982	15° ♋45' R	+22°30'	27° ♌43'	-15°58'	23° ♏18'	+18°36'	06° ♏56'	+03°08'	15° ♒16'	-11°12'
1 Jun 1982	13° ♋51'	+22°43'	08° ♌52'	-18°49'	27° ♏40'	+19°38'	07° ♏16'	+03°13'	15° ♒32'	-11°09'
1 Jul 1982	13° ♋21'	+22°46'	19° ♌43'	-20°55'	01° ♏53'	+20°32'	07° ♏30'	+03°15'	15° ♒40'	-11°10'
1 Aug 1982	13° ♋15' D	+22°46'	29° ♌45'	-22°12'	06° ♏15'	+21°21'	07° ♏37'	+03°14'	15° ♒39' R	-11°15'
1 Sep 1982	12° ♋00' R	+22°53'	01° ♌37' R	-22°30'	10° ♏37'	+22°02'	07° ♏35' R	+03°09'	15° ♒28'	-11°22'
1 Oct 1982	09° ♋07'	+23°07'	27° ♌39'	-22°25'	14° ♏51'	+22°34'	07° ♏24'	+03°04'	15° ♒12'	-11°30'
1 Nov 1982	05° ♋50'	+23°18'	24° ♌46'	-22°21'	19° ♏13'	+23°00'	07° ♏07'	+02°57'	14° ♒53'	-11°35'
1 Dec 1982	04° ♋21'	+23°22'	02° ♌15'	-23°13'	23° ♏26'	+23°16'	06° ♏52'	+02°53'	14° ♒39'	-11°36'
1 Jan 1983	04° ♋15'	+23°22'	12° ♌35'	-23°36'	27° ♏48'	+23°25'	06° ♏41'	+02°53'	14° ♒34'	-11°32'
1 Feb 1983	03° ♋37'	+23°23'	22° ♌51'	-23°11'	02° ♏10'	+23°25'	06° ♏40' D	+02°56'	14° ♒39' D	-11°24'
1 Mar 1983	01° ♋36'	+23°25'	09° ♌28'	-20°52'	06° ♏06'	+23°18'	06° ♏47'	+03°01'	14° ♒51'	-11°15'
1 Apr 1983	28° ♏12'	+23°25'	12° ♌16'	-20°28'	10° ♏28'	+23°01'	07° ♏03'	+03°08'	15° ♒10'	-11°05'
1 May 1983	25° ♏51' D	+23°22'	12° ♌45'	-20°35'	14° ♏42'	+22°37'	07° ♏24'	+03°15'	15° ♒30'	-10°57'
1 Jun 1983	25° ♏07'	+23°21'	12° ♌14'	-20°50'	19° ♏04'	+22°05'	07° ♏44'	+03°20'	15° ♒46'	-10°54'
1 Jul 1983	24° ♏59' R	+23°20'	18° ♌11' D	-19°23'	23° ♏17'	+21°25'	07° ♏59'	+03°22'	15° ♒55'	-10°55'
1 Aug 1983	24° ♏03'	+23°18'	28° ♌55'	-16°13'	27° ♏39'	+20°37'	08° ♏06'	+03°21'	15° ♒53' R	-11°00'
1 Sep 1983	21° ♏46' D	+23°11'	10° ♏05' R	-12°21'	02° ♏01'	+19°42'	08° ♏04' R	+03°17'	15° ♒43'	-11°07'
1 Oct 1983	18° ♏48' R	+22°58'	18° ♏48'	-09°04'	06° ♏15'	+18°42'	07° ♏53'	+03°11'	15° ♒26'	-11°14'
1 Nov 1983	16° ♏34'	+22°45'	17° ♏21'	-09°44'	10° ♏37'	+17°34'	07° ♏36'	+03°05'	15° ♒08'	-11°19'
1 Dec 1983	15° ♏55'	+22°41'	03° ♏48' D	-14°54'	14° ♏50'	+16°23'	07° ♏21'	+03°01'	14° ♒54'	-11°20'
1 Jan 1984	15° ♏53'	+22°41'	27° ♌23'	-17°02'	19° ♏12'	+15°03'	07° ♏10'	+03°00'	14° ♒48'	-11°17'
1 Feb 1984	14° ♏27'	+22°32'	01° ♏50'	-15°26'	23° ♏34'	+13°39'	07° ♏08' D	+03°03'	14° ♒53' D	-11°09'
1 Mar 1984	11° ♏28'	+22°09'	04° ♏36'	-14°25'	27° ♏39'	+12°17'	07° ♏16'	+03°08'	15° ♒06'	-10°59'
1 Apr 1984	08° ♏03'	+21°39'	13° ♏25'	-11°10'	02° ♏01'	+10°45'	07° ♏32'	+03°16'	15° ♒25'	-10°49'
1 May 1984	06° ♏39'	+21°25'	13° ♏25'	-11°17'	06° ♏14'	+09°13'	07° ♏52'	+03°22'	15° ♒45'	-10°42'
1 Jun 1984	06° ♏35'	+21°24'	08° ♏20'	-13°19'	10° ♏36'	+07°35'	08° ♏13'	+03°28'	16° ♒01'	-10°38'
1 Jul 1984	06° ♏13'	+21°20'	02° ♏17' R	-15°28'	14° ♏50'	+05°58'	08° ♏28'	+03°30'	16° ♒09'	-10°39'
1 Aug 1984	04° ♏15'	+20°59'	02° ♏33'	-15°16'	19° ♏12'	+04°16'	08° ♏35'	+03°28'	16° ♒08' R	-10°44'
1 Sep 1984	01° ♏17'	+20°25'	08° ♏13'	-13°07'	23° ♏34'	+02°33'	08° ♏32' R	+03°24'	15° ♒57'	-10°52'
1 Oct 1984	28° ♏46' D	+19°53'	18° ♏54'	-08°49'	27° ♏47'	+00°52'	08° ♏22'	+03°18'	15° ♒40'	-10°59'
1 Nov 1984	27° ♏36' R	+19°37'	28° ♏52'	-04°34'	02° ♏09'	-00°51'	08° ♏05'	+03°12'	15° ♒22'	-11°04'
1 Dec 1984	27° ♏22' D	+19°34'	06° ♏37'	-01°08'	06° ♏23'	-02°32'	07° ♏49'	+03°08'	15° ♒08'	-11°05'
1 Jan 1985	26° ♏35'	+19°23'	09° ♏39'	+00°20'	10° ♏45'	-04°15'	07° ♏38'	+03°07'	15° ♒02'	-11°01'
1 Feb 1985	24° ♏08' R	+18°48'	10° ♏33'	+00°58'	15° ♏06'	-05°57'	07° ♏37' D	+03°10'	15° ♒07' D	-10°53'
1 Mar 1985	21° ♏02'	+18°01'	22° ♏38'	+06°33'	19° ♏03'	-07°27'	07° ♏44'	+03°16'	15° ♒20'	-10°44'
1 Apr 1985	18° ♏49'	+17°25'	00° ♏30'	+10°06'	23° ♏25'	-09°05'	08° ♏01'	+03°23'	15° ♒39'	-10°34'
1 May 1985	18° ♏12'	+17°15'	11° ♏22'	+14°38'	27° ♏38'	-10°38'	08° ♏21'	+03°30'	15° ♒59'	-10°27'
1 Jun 1985	18° ♏07' D	+17°13'	18° ♏43'	+17°27'	02° ♏00'	-12°10'	08° ♏42'	+03°35'	16° ♒15'	-10°23'
1 Jul 1985	17° ♏04' R	+16°56'	24° ♏03'	+19°23'	06° ♏14'	-13°36'	08° ♏57'	+03°37'	16° ♒23'	-10°24'
1 Aug 1985	14° ♏13'	+16°06'	21° ♏37'	+18°47'	10° ♏36'	-15°00'	09° ♏04'	+03°36'	16° ♒22' R	-10°29'
1 Sep 1985	10° ♏59'	+15°07'	15° ♏56'	+17°01'	14° ♏58'	-16°19'	09° ♏02' R	+03°32'	16° ♒11'	-10°36'
1 Oct 1985	09° ♏21'	+14°36'	16° ♏26' D	+17°22'	19° ♏11'	-17°31'	08° ♏51'	+03°26'	15° ♒55'	-10°43'
1 Nov 1985	09° ♏10' D	+14°33'	25° ♏35'	+20°36'	23° ♏33'	-18°39'	08° ♏35'	+03°20'	15° ♒36'	-10°48'
1 Dec 1985	08° ♏50' R	+14°26'	05° ♏19'	+23°28'	27° ♏47'	-19°40'	08° ♏19'	+03°16'	15° ♒23'	-10°49'
1 Jan 1986	06° ♏47'	+13°46'	16° ♏24'	+25°57'	02° ♏09'	-20°35'	08° ♏08'	+03°15'	15° ♒17'	-10°46'
1 Feb 1986	03° ♏38'	+12°43'	13° ♏11'	+25°34'	06° ♏31'	-21°23'	08° ♏06' D	+03°18'	15° ♒21' D	-10°38'
1 Mar 1986	01° ♏05' D	+11°51'	12° ♏31'	+16°34'	10° ♏27'	-22°01'	08° ♏13'	+03°23'	15° ♒34'	-10°29'
1 Apr 1986	00° ♏06'	+11°30'	05° ♏43' R	+13°55'	14° ♏49'	-22°34'	08° ♏30'	+03°30'	15° ♒53'	-10°19'
1 May 1986	29° ♒55'	+11°26'	13° ♏01' D	+16°53'	19° ♏03'	-22°59'	08° ♏50'	+03°37'	16° ♒13'	-10°11'
1 Jun 1986	29° ♒19'	+11°13'	25° ♏25'	+21°20'	23° ♏24'	-23°16'	09° ♏11'	+03°42'	16° ♒29'	-10°08'
1 Jul 1986	27° ♒20' R	+10°31'	06° ♏17'	+24°30'	27° ♏38'	-23°25'	09° ♏26'	+03°45'	16° ♒37'	-10°08'
1 Aug 1986	24° ♒18'	+09°25'	13° ♏47' R	+26°15'	02° ♏00'	-23°25'	09° ♏34'	+03°43'	16° ♒36' R	-10°13'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl	
1 Sep 1986	21° 44'	+08° 28'	12° 57'	+26° 19'	06° 22'	-23° 17'	09° 32'	R	+03° 39'	16° 26'	-10° 20'
1 Oct 1986	20° 54'	+08° 09'	11° 14'	+26° 08'	10° 35'	-23° 01'	09° 21'		+03° 33'	16° 10'	-10° 27'
1 Nov 1986	20° 53'	+08° 09'	12° 18'	+26° 20'	14° 57'	-22° 36'	09° 05'		+03° 27'	15° 51'	-10° 33'
1 Dec 1986	19° 52'	+07° 46'	22° 48'	+27° 47'	19° 11'	-22° 04'	08° 49'		+03° 23'	15° 37'	-10° 34'
1 Jan 1987	16° 47'	+06° 36'	04° 13'	+28° 15'	23° 33'	-21° 23'	08° 37'		+03° 22'	15° 31'	-10° 30'
1 Feb 1987	13° 22'	+05° 16'	13° 49'	+27° 45'	27° 55'	-20° 34'	08° 35'	D	+03° 25'	15° 36'	D -10° 22'
1 Mar 1987	11° 44'	+04° 38'	27° 54'	+25° 28'	01° 51'	-19° 44'	08° 42'		+03° 30'	15° 48'	-10° 13'
1 Apr 1987	11° 30' D	+04° 33'	26° 25'	+25° 52'	06° 13'	-18° 43'	08° 59'		+03° 38'	16° 07'	-10° 03'
1 May 1987	11° 13' R	+04° 26'	23° 58'	+26° 18'	10° 27'	-17° 37'	09° 19'		+03° 45'	16° 27'	-09° 56'
1 Jun 1987	09° 22'	+03° 42'	25° 31' D	+25° 49'	14° 49'	-16° 23'	09° 40'		+03° 50'	16° 43'	-09° 52'
1 Jul 1987	06° 25'	+02° 32'	03° 26'	+23° 44'	19° 02'	-15° 06'	09° 55'		+03° 52'	16° 52'	-09° 53'
1 Aug 1987	03° 47' D	+01° 30'	16° 12'	+19° 35'	23° 24'	-13° 43'	10° 03'		+03° 51'	16° 51'	R -09° 57'
1 Sep 1987	02° 35' R	+01° 01'	27° 38'	+15° 07'	27° 46'	-12° 14'	10° 02'	R	+03° 47'	16° 41'	-10° 05'
1 Oct 1987	02° 21' D	+00° 56'	00° 40' R	+13° 49'	01° 59'	-10° 45'	09° 51'		+03° 41'	16° 24'	-10° 12'
1 Nov 1987	01° 56'	+00° 46'	16° 58' D	+19° 15'	06° 21'	-09° 10'	09° 35'		+03° 35'	16° 06'	-10° 17'
1 Dec 1987	00° 04' R	+00° 01'	28° 39'	+24° 46'	10° 35'	-07° 35'	09° 19'		+03° 31'	15° 52'	-10° 18'
1 Jan 1988	26° 40'	-01° 19'	02° 08'	+23° 39'	14° 57'	-05° 55'	09° 07'		+03° 30'	15° 46'	-10° 15'
1 Feb 1988	23° 48'	-02° 27'	12° 18'	+20° 22'	19° 19'	-04° 13'	09° 05'	D	+03° 33'	15° 50'	D -10° 07'
1 Mar 1988	23° 05'	-02° 44'	16° 54'	+18° 44'	23° 24'	-02° 37'	09° 12'		+03° 38'	16° 03'	-09° 58'
1 Apr 1988	23° 07'	-02° 43'	22° 17'	+16° 38'	27° 46'	-00° 53'	09° 29'		+03° 45'	16° 22'	-09° 48'
1 May 1988	22° 10'	-03° 06'	18° 46' R	+17° 53'	01° 59'	+00° 47'	09° 49'		+03° 52'	16° 42'	-09° 41'
1 Jun 1988	19° 22'	-04° 12'	13° 20'	+19° 38'	06° 21'	+02° 31'	10° 10'		+03° 58'	16° 58'	-09° 37'
1 Jul 1988	16° 17'	-05° 24'	14° 54'	+18° 53'	10° 35'	+04° 11'	10° 26'		+04° 00'	17° 06'	-09° 37'
1 Aug 1988	14° 28' D	-06° 06'	20° 34'	+16° 38'	14° 57'	+05° 53'	10° 34'		+03° 59'	17° 05'	R -09° 42'
1 Sep 1988	14° 05' R	-06° 15'	28° 18'	+13° 24'	19° 18'	+07° 33'	10° 32'	R	+03° 54'	16° 55'	-09° 49'
1 Oct 1988	13° 50' R	-06° 21'	08° 53'	+08° 39'	23° 32'	+09° 08'	10° 21'		+03° 49'	16° 38'	-09° 56'
1 Nov 1988	12° 24'	-06° 54'	16° 21'	+05° 03'	27° 54'	+10° 43'	10° 05'		+03° 43'	16° 20'	-10° 02'
1 Dec 1988	09° 32'	-07° 59'	22° 07'	+02° 06'	02° 07'	+12° 12'	09° 49'		+03° 38'	16° 06'	-10° 03'
1 Jan 1989	06° 36'	-09° 05'	24° 53'	+00° 33'	06° 29'	+13° 41'	09° 37'		+03° 38'	16° 00'	-09° 59'
1 Feb 1989	05° 06'	-09° 38'	28° 49'	-01° 28'	10° 51'	+15° 05'	09° 35'	D	+03° 40'	16° 05'	D -09° 51'
1 Mar 1989	04° 51' D	-09° 43'	11° 51'	-07° 37'	14° 48'	+16° 16'	09° 42'		+03° 46'	16° 17'	-09° 42'
1 Apr 1989	04° 18'	-09° 55'	21° 29'	-11° 55'	19° 10'	+17° 31'	09° 58'		+03° 53'	16° 36'	-09° 33'
1 May 1989	02° 24' R	-10° 37'	01° 21'	-16° 00'	23° 23'	+18° 37'	10° 19'		+04° 00'	16° 56'	-09° 25'
1 Jun 1989	29° 20'	-11° 42'	05° 05'	-17° 32'	27° 45'	+19° 39'	10° 40'		+04° 05'	17° 12'	-09° 21'
1 Jul 1989	26° 48'	-12° 34'	03° 23' D	-17° 03'	01° 59'	+20° 33'	10° 56'		+04° 07'	17° 20'	-09° 22'
1 Aug 1989	25° 47'	-12° 55'	27° 00'	-14° 42'	06° 21'	+21° 22'	11° 04'		+04° 06'	17° 20'	R -09° 27'
1 Sep 1989	25° 49'	-12° 54'	24° 29'	-13° 40'	10° 43'	+22° 03'	11° 02'	R	+04° 02'	17° 09'	-09° 34'
1 Oct 1989	25° 05'	-13° 09'	28° 04'	-15° 03'	14° 56'	+22° 35'	10° 52'		+03° 56'	16° 53'	-09° 41'
1 Nov 1989	22° 16'	-14° 05'	08° 49'	-19° 02'	19° 18'	+23° 00'	10° 35'		+03° 50'	16° 35'	-09° 46'
1 Dec 1989	18° 54'	-15° 09'	15° 23'	-21° 15'	23° 31'	+23° 16'	10° 19'		+03° 46'	16° 20'	-09° 47'
1 Jan 1990	16° 51' D	-15° 46'	18° 40'	-22° 21'	27° 53'	+23° 25'	10° 07'		+03° 45'	16° 14'	-09° 44'
1 Feb 1990	16° 29'	-15° 53'	01° 57'	-16° 57'	02° 15'	+23° 25'	10° 05'	D	+03° 48'	16° 19'	D -09° 36'
1 Mar 1990	16° 17' R	-15° 57'	18° 12' R	-11° 24'	06° 12'	+23° 17'	10° 12'		+03° 53'	16° 31'	-09° 27'
1 Apr 1990	14° 47'	-16° 23'	21° 01'	-12° 32'	10° 34'	+23° 01'	10° 28'		+04° 00'	16° 50'	-09° 17'
1 May 1990	12° 02'	-17° 11'	01° 35'	-16° 39'	14° 47'	+22° 37'	10° 48'		+04° 07'	17° 10'	-09° 10'
1 Jun 1990	09° 15'	-17° 56'	12° 47' D	-20° 31'	19° 09'	+22° 04'	11° 10'		+04° 13'	17° 26'	-09° 06'
1 Jul 1990	07° 40'	-18° 21'	21° 59' R	-23° 08'	23° 23'	+21° 24'	11° 26'		+04° 15'	17° 35'	-09° 07'
1 Aug 1990	07° 17' D	-18° 26'	26° 26'	-24° 12'	27° 45'	+20° 36'	11° 34'		+04° 14'	17° 34'	R -09° 11'
1 Sep 1990	07° 01'	-18° 30'	24° 49'	-23° 47'	02° 07'	+19° 41'	11° 33'	R	+04° 10'	17° 24'	-09° 18'
1 Oct 1990	05° 25' R	-18° 54'	26° 53'	-24° 03'	06° 20'	+18° 41'	11° 22'		+04° 04'	17° 07'	-09° 25'
1 Nov 1990	02° 10'	-19° 40'	01° 47'	-24° 47'	10° 42'	+17° 33'	11° 06'		+03° 58'	16° 49'	-09° 30'
1 Dec 1990	29° 14'	-20° 18'	14° 08'	-26° 05'	14° 56'	+16° 21'	10° 50'		+03° 54'	16° 35'	-09° 32'
1 Jan 1991	28° 02'	-20° 33'	25° 41'	-26° 11'	19° 18'	+15° 02'	10° 38'		+03° 53'	16° 29'	-09° 28'
1 Feb 1991	28° 00'	-20° 33'	03° 45'	-25° 33'	23° 39'	+13° 37'	10° 35'	D	+03° 56'	16° 33'	D -09° 21'
1 Mar 1991	27° 22'	-20° 41'	13° 30'	-23° 59'	27° 36'	+12° 18'	10° 42'		+04° 01'	16° 45'	-09° 12'
1 Apr 1991	24° 41'	-21° 11'	08° 15'	-24° 36'	01° 58'	+10° 46'	10° 58'		+04° 08'	17° 04'	-09° 02'
1 May 1991	21° 26'	-21° 43'	05° 06' D	-24° 45'	06° 11'	+09° 14'	11° 18'		+04° 15'	17° 23'	-08° 55'
1 Jun 1991	19° 22' D	-22° 02'	09° 53'	-23° 55'	10° 33'	+07° 36'	11° 40'		+04° 20'	17° 40'	-08° 51'
1 Jul 1991	18° 55'	-22° 06'	18° 48'	-22° 07'	14° 47'	+05° 59'	11° 56'		+04° 23'	17° 49'	-08° 51'
1 Aug 1991	18° 47' R	-22° 07'	01° 47'	-18° 36'	19° 09'	+04° 17'	12° 05'		+04° 22'	17° 48'	R -08° 55'
1 Sep 1991	17° 37'	-22° 16'	10° 08'	-15° 48'	23° 31'	+02° 34'	12° 04'	R	+04° 18'	17° 38'	-09° 02'
1 Oct 1991	15° 08' D	-22° 34'	29° 22'	-19° 03'	27° 44'	+00° 53'	11° 53'		+04° 12'	17° 22'	-09° 09'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Nov 1991	12° 11' R	-22° 52'	07° 03'	-23° 42'	02° 06'	-00° 50'	11° 37'	+04° 06'	17° 03'	-09° 15'
1 Dec 1991	10° 17'	-23° 02'	01° 01'	-24° 16'	06° 20'	-02° 30'	11° 21'	+04° 02'	16° 49'	-09° 16'
1 Jan 1992	09° 51' D	-23° 04'	12° 28'	-22° 36'	10° 42'	-04° 14'	11° 08'	+04° 00'	16° 43'	-09° 13'
1 Feb 1992	09° 40' R	-23° 05'	25° 09'	-19° 43'	15° 04'	-05° 56'	11° 05' D	+04° 03'	16° 47' D	-09° 06'
1 Mar 1992	08° 01'	-23° 11'	00° 30'	-18° 08'	19° 09'	-07° 29'	11° 8' 12'	+04° 08'	16° 59'	-08° 56'
1 Apr 1992	04° 40'	-23° 21'	02° 10' R	-17° 25'	23° 30'	-09° 07'	11° 8' 28'	+04° 16'	17° 18'	-08° 47'
1 May 1992	01° 51'	-23° 25'	28° 33'	-18° 11'	27° 44'	-10° 40'	11° 8' 49'	+04° 23'	17° 38'	-08° 39'
1 Jun 1992	00° 42'	-23° 26'	26° 19'	-18° 39'	02° 06'	-12° 12'	12° 8' 10'	+04° 28'	17° 54'	-08° 35'
1 Jul 1992	00° 42'	-23° 26'	02° 44'	-16° 48'	06° 19'	-13° 37'	12° 8' 27'	+04° 30'	18° 03'	-08° 36'
1 Aug 1992	00° 03'	-23° 26'	10° 59'	-14° 12'	10° 41'	-15° 02'	12° 8' 36'	+04° 29'	18° 02' R	-08° 40'
1 Sep 1992	27° 46'	-23° 25'	19° 05'	-11° 20'	15° 03'	-16° 21'	12° 8' 34' R	+04° 25'	17° 52'	-08° 47'
1 Oct 1992	24° 41'	-23° 20'	28° 16'	-07° 49'	19° 17'	-17° 32'	12° 8' 24'	+04° 19'	17° 36'	-08° 54'
1 Nov 1992	22° 23' D	-23° 13'	02° 16'	-06° 07'	23° 39'	-18° 41'	12° 8' 08'	+04° 13'	17° 17'	-08° 59'
1 Dec 1992	21° 34'	-23° 10'	06° 06'	-04° 32'	27° 52'	-19° 41'	11° 8' 51'	+04° 09'	17° 03'	-09° 01'
1 Jan 1993	21° 19'	-23° 09'	10° 04'	-03° 00'	02° 14'	-20° 36'	11° 8' 39'	+04° 08'	16° 57'	-08° 57'
1 Feb 1993	20° 04'	-23° 04'	17° 26'	-00° 14'	06° 36'	-21° 24'	11° 8' 36' D	+04° 11'	17° 01' D	-08° 50'
1 Mar 1993	17° 19' R	-22° 50'	00° 34' D	+04° 43'	10° 33'	-22° 01'	11° 8' 43'	+04° 16'	17° 13'	-08° 41'
1 Apr 1993	14° 20'	-22° 31'	11° 29' R	+08° 42'	14° 54'	-22° 35'	11° 8' 59'	+04° 23'	17° 32'	-08° 32'
1 May 1993	12° 35'	-22° 18'	18° 50'	+11° 15'	19° 08'	-22° 59'	12° 8' 19'	+04° 30'	17° 52'	-08° 24'
1 Jun 1993	12° 10'	-22° 15'	16° 04' D	+10° 22'	23° 30'	-23° 16'	12° 8' 41'	+04° 36'	18° 08'	-08° 20'
1 Jul 1993	12° 03' D	-22° 14'	05° 21'	+06° 32'	27° 43'	-23° 25'	12° 8' 58'	+04° 38'	18° 17'	-08° 20'
1 Aug 1993	10° 41' R	-22° 03'	00° 45'	+04° 40'	02° 05'	-23° 25'	13° 8' 07'	+04° 37'	18° 16' R	-08° 25'
1 Sep 1993	07° 30'	-21° 33'	04° 10'	+05° 45'	06° 27'	-23° 16'	13° 8' 05' R	+04° 33'	18° 06'	-08° 31'
1 Oct 1993	04° 27'	-21° 02'	09° 50'	+07° 42'	10° 41'	-23° 00'	12° 8' 55'	+04° 27'	17° 50'	-08° 38'
1 Nov 1993	03° 03'	-20° 46'	19° 22'	+10° 56'	15° 03'	-22° 35'	12° 8' 39'	+04° 21'	17° 31'	-08° 44'
1 Dec 1993	03° 02'	-20° 46'	19° 09'	+10° 53'	19° 16'	-22° 03'	12° 8' 22'	+04° 17'	17° 17'	-08° 45'
1 Jan 1994	02° 24'	-20° 38'	11° 40'	+08° 18'	23° 38'	-21° 22'	12° 8' 10'	+04° 16'	17° 11'	-08° 42'
1 Feb 1994	00° 00'	-20° 09'	28° 10' R	+03° 21'	28° 00'	-20° 33'	12° 8' 07' D	+04° 19'	17° 15' D	-08° 35'
1 Mar 1994	26° 57'	-19° 28'	02° 39'	+04° 48'	01° 57'	-19° 43'	12° 8' 13'	+04° 24'	17° 27'	-08° 26'
1 Apr 1994	24° 37' D	-18° 55'	10° 09'	+07° 21'	06° 18'	-18° 41'	12° 8' 29'	+04° 31'	17° 46'	-08° 16'
1 May 1994	23° 52'	-18° 44'	21° 38'	+11° 03'	10° 32'	-17° 35'	12° 8' 50'	+04° 38'	18° 05'	-08° 09'
1 Jun 1994	23° 41'	-18° 41'	00° 53'	+13° 42'	14° 54'	-16° 21'	13° 8' 11'	+04° 43'	18° 22'	-08° 05'
1 Jul 1994	22° 47'	-18° 28'	08° 07'	+15° 27'	19° 07'	-15° 05'	13° 8' 28'	+04° 46'	18° 31'	-08° 05'
1 Aug 1994	20° 33' R	-17° 53'	10° 37'	+15° 50'	23° 29'	-13° 41'	13° 8' 38'	+04° 45'	18° 30' R	-08° 09'
1 Sep 1994	17° 33'	-17° 04'	10° 35'	+15° 35'	27° 51'	-12° 13'	13° 8' 37' R	+04° 41'	18° 20'	-08° 16'
1 Oct 1994	15° 26'	-16° 27'	16° 06'	+16° 36'	02° 05'	-10° 43'	13° 8' 27'	+04° 35'	18° 04'	-08° 23'
1 Nov 1994	14° 48'	-16° 16'	23° 11'	+17° 49'	06° 27'	-09° 08'	13° 8' 11'	+04° 29'	17° 46'	-08° 28'
1 Dec 1994	14° 43' D	-16° 15'	05° 48'	+19° 24'	10° 40'	-07° 33'	12° 8' 54'	+04° 25'	17° 31'	-08° 30'
1 Jan 1995	13° 15' R	-15° 49'	15° 58'	+19° 57'	15° 02'	-05° 53'	12° 8' 41'	+04° 24'	17° 25'	-08° 27'
1 Feb 1995	09° 51'	-14° 46'	21° 00'	+19° 50'	19° 24'	-04° 11'	12° 8' 38' D	+04° 26'	17° 29' D	-08° 19'
1 Mar 1995	07° 06'	-13° 53'	23° 20'	+19° 36'	23° 20'	-02° 38'	12° 8' 44'	+04° 31'	17° 40'	-08° 11'
1 Apr 1995	05° 37'	-13° 23'	16° 21' D	+19° 19'	27° 42'	-00° 54'	13° 8' 00'	+04° 39'	17° 59'	-08° 01'
1 May 1995	05° 36'	-13° 23'	15° 30'	+19° 16'	01° 56'	+00° 46'	13° 8' 20'	+04° 46'	18° 19'	-07° 54'
1 Jun 1995	05° 07'	-13° 13'	23° 44'	+19° 24'	06° 18'	+02° 30'	13° 8' 42'	+04° 51'	18° 36'	-07° 49'
1 Jul 1995	03° 05'	-12° 32'	02° 19'	+19° 04'	10° 31'	+04° 10'	13° 8' 59'	+04° 53'	18° 44'	-07° 49'
1 Aug 1995	29° 56'	-11° 27'	12° 55'	+18° 01'	14° 53'	+05° 52'	14° 8' 09'	+04° 53'	18° 44' R	-07° 53'
1 Sep 1995	27° 35' D	-10° 36'	13° 21'	+17° 48'	19° 15'	+07° 32'	14° 8' 08' R	+04° 49'	18° 34'	-08° 00'
1 Oct 1995	26° 37'	-10° 16'	19° 05'	+18° 49'	23° 29'	+09° 07'	13° 8' 59'	+04° 43'	18° 18'	-08° 07'
1 Nov 1995	26° 28'	-10° 12'	07° 51'	+18° 10'	27° 50'	+10° 42'	13° 8' 42'	+04° 37'	18° 00'	-08° 13'
1 Dec 1995	25° 47'	-09° 58'	13° 00'	+18° 35'	02° 04'	+12° 11'	13° 8' 25'	+04° 33'	17° 46'	-08° 14'
1 Jan 1996	23° 27' R	-09° 06'	26° 44'	+18° 53'	06° 26'	+13° 40'	13° 8' 13'	+04° 31'	17° 39'	-08° 11'
1 Feb 1996	19° 56'	-07° 47'	08° 26'	+18° 14'	10° 48'	+15° 04'	13° 8' 09' D	+04° 34'	17° 43' D	-08° 04'
1 Mar 1996	17° 46'	-06° 58'	13° 07' R	+17° 39'	14° 53'	+16° 18'	13° 8' 15'	+04° 39'	17° 55'	-07° 55'
1 Apr 1996	17° 08'	-06° 44'	11° 48'	+17° 40'	19° 15'	+17° 32'	13° 8' 31'	+04° 46'	18° 14'	-07° 46'
1 May 1996	17° 04' D	-06° 42'	10° 48'	+17° 48'	23° 28'	+18° 38'	13° 8' 52'	+04° 53'	18° 33'	-07° 38'
1 Jun 1996	15° 46' R	-06° 12'	12° 41'	+17° 46'	27° 50'	+19° 40'	14° 8' 14'	+04° 59'	18° 50'	-07° 34'
1 Jul 1996	12° 54'	-05° 06'	22° 22'	+16° 42'	02° 04'	+20° 34'	14° 8' 31'	+05° 01'	18° 58'	-07° 34'
1 Aug 1996	09° 46'	-03° 52'	02° 05'	+15° 06'	06° 26'	+21° 23'	14° 8' 41'	+05° 00'	18° 58' R	-07° 38'
1 Sep 1996	08° 14' D	-03° 16'	09° 43'	+13° 30'	10° 47'	+22° 03'	14° 8' 40' R	+04° 56'	18° 48'	-07° 45'
1 Oct 1996	07° 59' R	-03° 10'	16° 45'	+11° 52'	15° 01'	+22° 35'	14° 8' 30'	+04° 51'	18° 32'	-07° 52'
1 Nov 1996	07° 32'	-02° 59'	17° 31'	+11° 46'	19° 23'	+23° 00'	14° 8' 14'	+04° 45'	18° 14'	-07° 57'
1 Dec 1996	05° 37'	-02° 13'	20° 31'	+11° 13'	23° 36'	+23° 17'	13° 8' 57'	+04° 40'	17° 59'	-07° 59'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Jan 1997	02°♌26'	-00°58'	26°♋46'	+09°48'	27°♎58'	+23°25'	13°♏44'	+04°39'	17°♑53'	-07°56'
1 Feb 1997	29°♌50'	+00°03'	07°♎09'	+07°01'	02°♏20'	+23°25'	13°♏40' D	+04°42'	17°♑57' D	-07°49'
1 Mar 1997	28°♌49' D	+00°27'	18°♎54' D	+03°32'	06°♏17'	+23°17'	13°♏47'	+04°47'	18°♑08'	-07°40'
1 Apr 1997	28°♌39'	+00°31'	29°♎11' ♋	+00°21'	10°♏39'	+23°00'	14°♏02'	+04°54'	18°♑27'	-07°30'
1 May 1997	27°♌56'	+00°49'	29°♎22'	+00°22'	14°♏52'	+22°36'	14°♏23'	+05°01'	18°♑47'	-07°23'
1 Jun 1997	25°♌51' ♋	+01°38'	15°♎25' D	+04°53'	19°♏14'	+22°03'	14°♏45'	+05°07'	19°♑03'	-07°19'
1 Jul 1997	22°♌53'	+02°49'	01°♎57'	+09°05'	23°♏28'	+21°24'	15°♏03'	+05°09'	19°♑12'	-07°19'
1 Aug 1997	20°♌25'	+03°47'	05°♎51'	+08°09'	27°♏49'	+20°35'	15°♏12'	+05°08'	19°♑12' ♋	-07°22'
1 Sep 1997	19°♌42'	+04°04'	14°♎56'	+05°31'	02°♏11'	+19°40'	15°♏12' ♋	+05°04'	19°♑02'	-07°29'
1 Oct 1997	19°♌46'	+04°03'	21°♎33'	+03°30'	06°♏25'	+18°40'	15°♏02'	+04°58'	18°♑46'	-07°36'
1 Nov 1997	18°♌38'	+04°29'	27°♎07'	+01°50'	10°♏47'	+17°31'	14°♏46'	+04°52'	18°♑28'	-07°41'
1 Dec 1997	15°♌42'	+05°38'	20°♎24'	+04°10'	15°♏00'	+16°19'	14°♏29'	+04°48'	18°♑14'	-07°43'
1 Jan 1998	12°♌19'	+06°56'	11°♎58'	+07°02'	19°♏22'	+15°00'	14°♏16'	+04°47'	18°♑07'	-07°40'
1 Feb 1998	10°♌45' D	+07°31'	09°♎21' ♋	+07°56'	23°♏44'	+13°36'	14°♏12' D	+04°50'	18°♑11' D	-07°33'
1 Mar 1998	10°♌32'	+07°37'	21°♎45'	+04°13'	27°♏41'	+12°16'	14°♏18'	+04°55'	18°♑22'	-07°25'
1 Apr 1998	10°♌08' ♋	+07°45'	00°♌52'	+01°20'	02°♎03'	+10°44'	14°♏34'	+05°02'	18°♑41'	-07°15'
1 May 1998	08°♌22'	+08°25'	11°♌48'	-02°04'	06°♎16'	+09°12'	14°♏54'	+05°09'	19°♑01'	-07°07'
1 Jun 1998	05°♌28'	+09°30'	18°♌02'	-03°54'	10°♎38'	+07°34'	15°♏17'	+05°14'	19°♑17'	-07°03'
1 Jul 1998	02°♌55' D	+10°25'	22°♌38'	-05°10'	14°♎51'	+05°57'	15°♏34'	+05°17'	19°♑26'	-07°03'
1 Aug 1998	01°♌42' ♋	+10°52'	24°♌20'	-05°32'	19°♎13'	+04°15'	15°♏45'	+05°16'	19°♑26' ♋	-07°07'
1 Sep 1998	01°♌27' D	+10°57'	27°♌13'	-06°24'	23°♎35'	+02°32'	15°♏44' ♋	+05°12'	19°♑16'	-07°13'
1 Oct 1998	00°♌55'	+11°08'	05°♎43'	-08°59'	27°♎49'	+00°51'	15°♏35'	+05°06'	19°♑01'	-07°20'
1 Nov 1998	28°♏54' ♋	+11°51'	14°♎34'	-11°31'	02°♌11'	-00°52'	15°♏19'	+05°00'	18°♑42'	-07°26'
1 Dec 1998	25°♏36'	+12°59'	26°♎41'	-14°31'	06°♌24'	-02°32'	15°♏02'	+04°56'	18°♑28'	-07°27'
1 Jan 1999	22°♏50'	+13°54'	04°♌17'	-16°02'	10°♌46'	-04°15'	14°♏48'	+04°55'	18°♑21'	-07°25'
1 Feb 1999	22°♏05'	+14°08'	04°♌47'	-16°01'	15°♌08'	-05°57'	14°♏44' D	+04°58'	18°♑24' D	-07°18'
1 Mar 1999	22°♏09'	+14°07'	27°♎25' D	-14°28'	19°♌05'	-07°28'	14°♏50'	+05°03'	18°♑36'	-07°09'
1 Apr 1999	21°♏05'	+14°27'	23°♎53'	-13°47'	23°♌27'	-09°06'	15°♏05'	+05°10'	18°♑55'	-07°00'
1 May 1999	18°♏17'	+15°20'	26°♎31'	-14°33'	27°♌40'	-10°38'	15°♏26'	+05°17'	19°♑14'	-06°52'
1 Jun 1999	14°♏54'	+16°21'	06°♌13'	-16°42'	02°♎02'	-12°10'	15°♏49'	+05°22'	19°♑31'	-06°48'
1 Jul 1999	13°♏12'	+16°51'	11°♌47'	-17°40'	06°♎15'	-13°36'	16°♏06'	+05°25'	19°♑40'	-06°47'
1 Aug 1999	12°♏56' D	+16°55'	15°♌24'	-18°12'	10°♎37'	-15°00'	16°♏17'	+05°24'	19°♑40' ♋	-06°51'
1 Sep 1999	12°♏42' ♋	+16°59'	03°♌32'	-16°03'	14°♎59'	-16°20'	16°♏17' ♋	+05°20'	19°♑31'	-06°58'
1 Oct 1999	11°♏18'	+17°23'	16°♎37' ♋	-11°55'	19°♎13'	-17°31'	16°♏08'	+05°15'	19°♑15'	-07°05'
1 Nov 1999	08°♏32'	+18°07'	18°♎32' D	-12°34'	23°♎35'	-18°40'	15°♏52'	+05°09'	18°♑57'	-07°10'
1 Dec 1999	05°♏37'	+18°51'	29°♎02'	-15°22'	27°♎48'	-19°40'	15°♏34'	+05°04'	18°♑42'	-07°12'
1 Jan 2000	03°♏58'	+19°15'	12°♌32'	-18°13'	02°♌10'	-20°35'	15°♏21'	+05°03'	18°♑35'	-07°09'
1 Feb 2000	03°♏42' D	+19°19'	22°♌15'	-19°42'	06°♌32'	-21°24'	15°♏17' D	+05°05'	18°♑38' D	-07°02'
1 Mar 2000	03°♏13'	+19°26'	26°♌38' ♋	-20°17'	10°♌37'	-22°02'	15°♏22'	+05°11'	18°♑50'	-06°54'
1 Apr 2000	01°♏11' ♋	+19°53'	25°♌06'	-20°21'	14°♌59'	-22°35'	15°♏38'	+05°18'	19°♑09'	-06°44'
1 May 2000	28°♏02'	+20°33'	27°♌41'	-20°52'	19°♌12'	-23°00'	15°♏59'	+05°25'	19°♑29'	-06°37'
1 Jun 2000	25°♏25'	+21°03'	02°♎24'	-21°23'	23°♌34'	-23°17'	16°♏21'	+05°30'	19°♑45'	-06°32'
1 Jul 2000	24°♏37'	+21°11'	13°♎22'	-21°44'	27°♌48'	-23°25'	16°♏39'	+05°33'	19°♑54'	-06°32'
1 Aug 2000	24°♏36'	+21°12'	22°♎57'	-21°20'	02°♎10'	-23°25'	16°♏50'	+05°32'	19°♑54' ♋	-06°36'
1 Sep 2000	23°♏40'	+21°21'	28°♎55'	-20°50'	06°♎32'	-23°16'	16°♏50' ♋	+05°28'	19°♑44'	-06°42'
1 Oct 2000	21°♏08'	+21°46'	02°♎48'	-20°31'	10°♎45'	-23°00'	16°♏41'	+05°22'	19°♑29'	-06°49'
1 Nov 2000	17°♏53'	+22°14'	00°♎59'	-21°03'	15°♎07'	-22°34'	16°♏24'	+05°16'	19°♑10'	-06°54'
1 Dec 2000	15°♏57' D	+22°29'	04°♎30'	-20°45'	19°♎21'	-22°02'	16°♏07'	+05°12'	18°♑56'	-06°56'
1 Jan 2001	15°♏31'	+22°32'	13°♎46' D	-19°05'	23°♎42'	-21°21'	15°♏54'	+05°11'	18°♑49'	-06°53'
1 Feb 2001	15°♏09' ♋	+22°34'	26°♎31'	-15°55'	28°♎04'	-20°32'	15°♏49' D	+05°14'	18°♑53' D	-06°47'
1 Mar 2001	13°♏36'	+22°44'	05°♎12'	-13°19'	02°♎01'	-19°42'	15°♏55'	+05°19'	19°♑04'	-06°38'
1 Apr 2001	10°♏43'	+23°00'	12°♎14'	-11°03'	06°♎23'	-18°40'	16°♏10'	+05°26'	19°♑23'	-06°29'
1 May 2001	08°♏02'	+23°11'	29°♎14'	-15°28'	10°♎36'	-17°34'	16°♏31'	+05°33'	19°♑42'	-06°21'
1 Jun 2001	06°♏36'	+23°16'	10°♎18'	-20°27'	14°♎58'	-16°20'	16°♏54'	+05°38'	19°♑59'	-06°17'
1 Jul 2001	06°♏22' D	+23°17'	06°♎02'	-21°18'	19°♎12'	-15°03'	17°♏12'	+05°41'	20°♑08'	-06°16'
1 Aug 2001	06°♏08'	+23°17'	16°♎17'	-19°09'	23°♎34'	-13°39'	17°♏23'	+05°40'	20°♑08' ♋	-06°20'
1 Sep 2001	04°♏23' ♋	+23°21'	27°♎15'	-16°12'	27°♎56'	-12°11'	17°♏23' ♋	+05°36'	19°♑59'	-06°26'
1 Oct 2001	01°♏11'	+23°26'	02°♎15'	-14°44'	02°♎09'	-10°42'	17°♏14'	+05°31'	19°♑43'	-06°33'
1 Nov 2001	28°♎08'	+23°25'	01°♎20'	-15°15'	06°♎31'	-09°07'	16°♏58'	+05°25'	19°♑25'	-06°39'
1 Dec 2001	27°♎09'	+23°24'	23°♎30' ♋	-17°48'	10°♎45'	-07°32'	16°♏40'	+05°20'	19°♑10'	-06°41'
1 Jan 2002	27°♎09'	+23°24'	21°♎20'	-18°25'	15°♎06'	-05°51'	16°♏27'	+05°19'	19°♑03'	-06°38'
1 Feb 2002	26°♎08'	+23°22'	26°♎32'	-16°51'	19°♎28'	-04°09'	16°♏22' D	+05°22'	19°♑07' D	-06°31'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Mar 2002	23° II 43'	+23° 17'	12° ♋ 37'	-11° 22'	23° ♋ 25'	-02° 36'	16° 8 28'	+05° 26'	19° ♀ 18'	-06° 23'
1 Apr 2002	20° II 21'	+23° 05'	22° ♋ 20'	-07° 40'	27° ♋ 47'	-00° 52'	16° 8 43'	+05° 34'	19° ♀ 37'	-06° 13'
1 May 2002	18° II 22' D	+22° 55'	01° ♀ 51'	-03° 53'	02° ♀ 00'	+00° 48'	17° 8 04'	+05° 41'	19° ♀ 56'	-06° 06'
1 Jun 2002	17° II 52'	+22° 53'	04° ♀ 40'	-02° 46'	06° ♀ 22'	+02° 32'	17° 8 27'	+05° 46'	20° ♀ 13'	-06° 01'
1 Jul 2002	17° II 38' R	+22° 51'	07° ♀ 09'	-01° 41'	10° ♀ 36'	+04° 11'	17° 8 45'	+05° 49'	20° ♀ 22'	-06° 01'
1 Aug 2002	16° II 23'	+22° 44'	09° ♀ 41'	-00° 29'	14° ♀ 58'	+05° 53'	17° 8 56'	+05° 48'	20° ♀ 22' R	-06° 04'
1 Sep 2002	13° II 49'	+22° 27'	15° ♀ 49'	+02° 16'	19° ♀ 20'	+07° 34'	17° 8 57' R	+05° 44'	20° ♀ 13'	-06° 11'
1 Oct 2002	10° II 54'	+22° 04'	26° ♀ 22'	+06° 50'	23° ♀ 33'	+09° 08'	17° 8 48'	+05° 39'	19° ♀ 57'	-06° 17'
1 Nov 2002	09° II 03'	+21° 48'	05° 8 49'	+10° 45'	27° ♀ 55'	+10° 44'	17° 8 32'	+05° 33'	19° ♀ 39'	-06° 23'
1 Dec 2002	08° II 41' D	+21° 45'	15° 8 26'	+14° 27'	02° 8 09'	+12° 13'	17° 8 14'	+05° 28'	19° ♀ 24'	-06° 25'
1 Jan 2003	08° II 28' R	+21° 43'	17° 8 20'	+15° 11'	06° 8 31'	+13° 41'	17° 8 00'	+05° 27'	19° ♀ 17'	-06° 22'
1 Feb 2003	06° II 31'	+21° 23'	11° 8 42' D	+13° 19'	10° 8 52'	+15° 05'	16° 8 55' D	+05° 30'	19° ♀ 20' D	-06° 16'
1 Mar 2003	03° II 35'	+20° 52'	27° ♀ 36'	+07° 52'	14° 8 49'	+16° 17'	17° 8 00'	+05° 34'	19° ♀ 32'	-06° 08'
1 Apr 2003	00° II 30'	+20° 15'	02° 8 02'	+09° 53'	19° 8 11'	+17° 31'	17° 8 16'	+05° 42'	19° ♀ 50'	-05° 58'
1 May 2003	29° 8 27'	+20° 02'	08° 8 06'	+12° 23'	23° 8 24'	+18° 37'	17° 8 36'	+05° 49'	20° ♀ 10'	-05° 50'
1 Jun 2003	29° 8 29'	+20° 02'	17° 8 14'	+15° 54'	27° 8 46'	+19° 39'	17° 8 59'	+05° 54'	20° ♀ 27'	-05° 46'
1 Jul 2003	28° 8 53'	+19° 54'	17° 8 53'	+16° 12'	02° II 00'	+20° 33'	18° 8 18'	+05° 57'	20° ♀ 36'	-05° 45'
1 Aug 2003	26° 8 30'	+19° 22'	13° 8 22'	+14° 45'	06° II 22'	+21° 22'	18° 8 29'	+05° 56'	20° ♀ 36' R	-05° 49'
1 Sep 2003	23° 8 25'	+18° 37'	01° 8 37' R	+10° 16'	10° II 44'	+22° 03'	18° 8 30' R	+05° 52'	20° ♀ 27'	-05° 55'
1 Oct 2003	21° 8 17' D	+18° 04'	28° ♀ 32'	+09° 04'	14° II 57'	+22° 35'	18° 8 22'	+05° 47'	20° ♀ 11'	-06° 02'
1 Nov 2003	20° 8 32' R	+17° 53'	05° 8 26'	+12° 02'	19° II 19'	+23° 00'	18° 8 06'	+05° 41'	19° ♀ 53'	-06° 07'
1 Dec 2003	20° 8 20' D	+17° 49'	17° 8 19' D	+16° 44'	23° II 33'	+23° 16'	17° 8 48'	+05° 37'	19° ♀ 38'	-06° 09'
1 Jan 2004	19° 8 17'	+17° 32'	28° 8 58'	+20° 46'	27° II 55'	+23° 25'	17° 8 34'	+05° 35'	19° ♀ 31'	-06° 07'
1 Feb 2004	16° 8 34' R	+16° 47'	05° II 49' R	+22° 54'	02° III 17'	+23° 25'	17° 8 29' D	+05° 38'	19° ♀ 34' D	-06° 00'
1 Mar 2004	13° 8 29'	+15° 53'	10° II 01'	+24° 12'	06° III 22'	+23° 17'	17° 8 34'	+05° 43'	19° ♀ 46'	-05° 52'
1 Apr 2004	11° 8 36'	+15° 19'	10° II 18'	+24° 28'	10° III 43'	+23° 00'	17° 8 49'	+05° 50'	20° ♀ 04'	-05° 42'
1 May 2004	11° 8 15'	+15° 12'	16° II 15'	+25° 45'	14° III 57'	+22° 35'	18° 8 10'	+05° 57'	20° ♀ 24'	-05° 35'
1 Jun 2004	11° 8 01'	+15° 08'	23° II 04'	+26° 45'	19° III 19'	+22° 02'	18° 8 33'	+06° 02'	20° ♀ 41'	-05° 30'
1 Jul 2004	09° 8 29'	+14° 39'	04° III 26'	+27° 31'	23° III 32'	+21° 23'	18° 8 52'	+06° 05'	20° ♀ 50'	-05° 30'
1 Aug 2004	06° 8 21'	+13° 38'	13° III 13'	+27° 21'	27° III 54'	+20° 34'	19° 8 03'	+06° 04'	20° ♀ 50' R	-05° 33'
1 Sep 2004	03° 8 24'	+12° 38'	16° III 55'	+27° 13'	02° III 16'	+19° 39'	19° 8 04' R	+06° 00'	20° ♀ 41'	-05° 39'
1 Oct 2004	02° 8 11' D	+12° 14'	17° III 09'	+27° 21'	06° III 30'	+18° 38'	18° 8 55'	+05° 55'	20° ♀ 25'	-05° 46'
1 Nov 2004	02° 8 06' R	+12° 12'	14° III 28'	+27° 39'	10° III 52'	+17° 30'	18° 8 39'	+05° 49'	20° ♀ 07'	-05° 52'
1 Dec 2004	01° 8 25'	+11° 58'	19° III 12' D	+27° 03'	15° III 05'	+16° 18'	18° 8 22'	+05° 45'	19° ♀ 52'	-05° 54'
1 Jan 2005	28° ♀ 54'	+11° 05'	00° III 42'	+24° 54'	19° III 27'	+14° 59'	18° 8 07'	+05° 43'	19° ♀ 45'	-05° 51'
1 Feb 2005	25° ♀ 39' D	+09° 54'	14° III 25'	+21° 04'	23° III 49'	+13° 34'	18° 8 02' D	+05° 46'	19° ♀ 48' D	-05° 45'
1 Mar 2005	23° ♀ 26'	+09° 06'	16° III 02'	+20° 34'	27° III 46'	+12° 14'	18° 8 07'	+05° 51'	20° ♀ 00'	-05° 37'
1 Apr 2005	22° ♀ 48'	+08° 52'	12° III 58'	+21° 39'	02° III 08'	+10° 42'	18° 8 22'	+05° 58'	20° ♀ 18'	-05° 27'
1 May 2005	22° ♀ 39' R	+08° 48'	17° III 12'	+27° 31'	06° III 21'	+09° 10'	18° 8 43'	+06° 05'	20° ♀ 38'	-05° 19'
1 Jun 2005	21° ♀ 44' D	+08° 28'	10° III 34'	+28° 02'	10° III 43'	+07° 32'	19° 8 06'	+06° 10'	20° ♀ 55'	-05° 15'
1 Jul 2005	19° ♀ 26' R	+07° 36'	16° III 25'	+27° 25'	14° III 56'	+05° 55'	19° 8 25'	+06° 13'	21° ♀ 04'	-05° 14'
1 Aug 2005	16° ♀ 19'	+06° 25'	29° III 15'	+25° 06'	19° III 18'	+04° 13'	19° 8 37'	+06° 12'	21° ♀ 04' R	-05° 18'
1 Sep 2005	14° ♀ 06'	+05° 33'	09° III 43'	+22° 18'	23° III 40'	+02° 30'	19° 8 38' R	+06° 08'	20° ♀ 55'	-05° 24'
1 Oct 2005	13° ♀ 37'	+05° 22'	12° III 29'	+21° 29'	27° III 54'	+00° 49'	19° 8 30'	+06° 03'	20° ♀ 39'	-05° 30'
1 Nov 2005	13° ♀ 34'	+05° 21'	07° III 25' R	+23° 02'	02° III 16'	-00° 54'	19° 8 14'	+05° 57'	20° ♀ 21'	-05° 36'
1 Dec 2005	12° ♀ 08'	+04° 47'	04° III 09'	+23° 47'	06° III 29'	-02° 34'	18° 8 56'	+05° 53'	20° ♀ 06'	-05° 38'
1 Jan 2006	08° ♀ 44'	+03° 27'	17° III 49'	+22° 32'	10° III 51'	-04° 17'	18° 8 42'	+05° 51'	19° ♀ 59'	-05° 36'
1 Feb 2006	05° ♀ 38'	+02° 14'	06° III 50'	+19° 27'	15° III 13'	-05° 59'	18° 8 36' D	+05° 54'	20° ♀ 02' D	-05° 29'
1 Mar 2006	04° ♀ 26'	+01° 45'	04° III 03'	+12° 29'	19° III 10'	-07° 30'	18° 8 41'	+05° 59'	20° ♀ 13'	-05° 21'
1 Apr 2006	04° ♀ 20'	+01° 43'	12° III 52'	+08° 31'	23° III 32'	-09° 08'	18° 8 56'	+06° 06'	20° ♀ 32'	-05° 12'
1 May 2006	03° ♀ 46'	+01° 29'	19° III 45'	+05° 12'	27° III 45'	-10° 40'	19° 8 17'	+06° 13'	20° ♀ 51'	-05° 04'
1 Jun 2006	01° ♀ 36'	+00° 38'	18° III 53'	+05° 25'	02° III 07'	-12° 12'	19° 8 40'	+06° 18'	21° ♀ 08'	-04° 59'
1 Jul 2006	28° ♋ 39'	-00° 32'	20° III 14'	+04° 32'	06° III 21'	-13° 38'	19° 8 59'	+06° 21'	21° ♀ 18'	-04° 59'
1 Aug 2006	26° ♋ 22' D	-01° 26'	25° III 12'	+02° 00'	10° III 43'	-15° 02'	20° 8 11'	+06° 20'	21° ♀ 18' R	-05° 02'
1 Sep 2006	25° ♋ 28' R	-01° 47'	04° III 41'	-02° 38'	15° III 04'	-16° 21'	20° 8 13' R	+06° 17'	21° ♀ 09'	-05° 08'
1 Oct 2006	25° ♋ 17' D	-01° 52'	16° III 31'	-08° 16'	19° III 18'	-17° 33'	20° 8 04'	+06° 11'	20° ♀ 54'	-05° 14'
1 Nov 2006	24° ♋ 32'	-02° 10'	25° III 32'	-12° 21'	23° III 40'	-18° 41'	19° 8 48'	+06° 05'	20° ♀ 35'	-05° 20'
1 Dec 2006	22° ♋ 12' R	-03° 05'	00° III 10'	-14° 26'	27° III 53'	-19° 41'	19° 8 30'	+06° 01'	20° ♀ 20'	-05° 22'
1 Jan 2007	18° ♋ 48'	-04° 25'	23° III 28' D	-11° 46'	02° III 15'	-20° 36'	19° 8 16'	+06° 00'	20° ♀ 13'	-05° 20'
1 Feb 2007	16° ♋ 29'	-05° 20'	15° III 05'	-08° 14'	06° III 37'	-21° 24'	19° 8 10'	+06° 02'	20° ♀ 16' D	-05° 14'
1 Mar 2007	16° ♋ 08'	-05° 27'	02° III 58'	-02° 35'	10° III 34'	-22° 01'	19° 8 15' D	+06° 07'	20° ♀ 27'	-05° 06'
1 Apr 2007	16° ♋ 06'	-05° 28'	13° III 09'	-07° 23'	14° III 56'	-22° 35'	19° 8 30'	+06° 14'	20° ♀ 45'	-04° 56'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 May 2007	14° 49'	-05° 58'	20° 06'	-10° 35'	19° 09'	-22° 59'	19° 50'	+06° 21'	21° 05'	-04° 49'
1 Jun 2007	11° 41'	-07° 10'	25° 10'	-12° 56'	23° 31'	-23° 16'	20° 14'	+06° 26'	21° 22'	-04° 44'
1 Jul 2007	08° 42'	-08° 18'	20° 18'	-11° 03'	27° 45'	-23° 25'	20° 33'	+06° 29'	21° 32'	-04° 43'
1 Aug 2007	07° 12'	-08° 51'	13° 36'	-08° 13'	02° 07'	-23° 25'	20° 45'	+06° 28'	21° 32'	Rx -04° 46'
1 Sep 2007	07° 04'	-08° 54'	10° 21'	Rx -06° 46'	06° 29'	-23° 16'	20° 47'	Rx +06° 25'	21° 23'	-04° 52'
1 Oct 2007	06° 41'	-09° 03'	15° 52'	-09° 17'	10° 42'	-23° 00'	20° 39'	+06° 19'	21° 08'	-04° 59'
1 Nov 2007	04° 51'	-09° 43'	24° 51'	-13° 15'	15° 04'	-22° 35'	20° 23'	+06° 13'	20° 49'	-05° 04'
1 Dec 2007	01° 48'	D -10° 49'	06° 36'	-18° 01'	19° 17'	-22° 02'	20° 05'	+06° 09'	20° 35'	-05° 06'
1 Jan 2008	29° 03'	Rx -11° 47'	15° 33'	-21° 16'	23° 39'	-21° 21'	19° 50'	+06° 08'	20° 27'	-05° 04'
1 Feb 2008	27° 51'	-12° 12'	19° 59'	-22° 44'	28° 01'	-20° 33'	19° 45'	+06° 10'	20° 30'	D -04° 58'
1 Mar 2008	27° 38'	D -12° 17'	24° 53'	-24° 05'	02° 06'	-19° 41'	19° 49'	D +06° 15'	20° 41'	-04° 50'
1 Apr 2008	26° 49'	-12° 34'	28° 00'	-24° 44'	06° 28'	-18° 39'	20° 04'	+06° 22'	21° 00'	-04° 41'
1 May 2008	24° 30'	Rx -13° 21'	06° 25'	-26° 14'	10° 42'	-17° 32'	20° 25'	+06° 29'	21° 19'	-04° 33'
1 Jun 2008	21° 20'	-14° 23'	14° 15'	-27° 07'	15° 04'	-16° 18'	20° 48'	+06° 34'	21° 36'	-04° 28'
1 Jul 2008	19° 09'	-15° 04'	24° 38'	-27° 31'	19° 17'	-15° 02'	21° 08'	+06° 37'	21° 46'	-04° 27'
1 Aug 2008	18° 31'	-15° 16'	00° 45'	-27° 20'	23° 39'	-13° 37'	21° 20'	+06° 36'	21° 46'	Rx -04° 30'
1 Sep 2008	18° 29'	-15° 16'	00° 25'	-27° 20'	28° 01'	-12° 09'	21° 22'	Rx +06° 33'	21° 37'	-04° 36'
1 Oct 2008	17° 19'	-15° 38'	26° 58'	-27° 19'	02° 15'	-10° 40'	21° 14'	+06° 27'	21° 21'	-04° 43'
1 Nov 2008	14° 11'	-16° 34'	26° 21'	D -27° 06'	06° 37'	-09° 04'	20° 58'	+06° 21'	21° 03'	-04° 48'
1 Dec 2008	11° 00'	-17° 27'	03° 07'	-26° 31'	10° 50'	-07° 30'	20° 40'	+06° 17'	20° 48'	-04° 51'
1 Jan 2009	09° 27'	D -17° 53'	16° 22'	-24° 28'	15° 12'	-05° 49'	20° 25'	+06° 16'	20° 41'	-04° 49'
1 Feb 2009	09° 15'	Rx -17° 56'	29° 29'	-21° 08'	19° 34'	-04° 07'	20° 19'	+06° 18'	20° 44'	D -04° 42'
1 Mar 2009	08° 52'	-18° 02'	19° 01'	-23° 50'	23° 30'	-02° 34'	20° 23'	D +06° 23'	20° 55'	-04° 34'
1 Apr 2009	06° 56'	-18° 32'	03° 33'	-26° 11'	27° 52'	-00° 50'	20° 38'	+06° 30'	21° 13'	-04° 25'
1 May 2009	04° 03'	-19° 14'	17° 44'	-26° 30'	02° 06'	+00° 50'	20° 59'	+06° 37'	21° 33'	-04° 17'
1 Jun 2009	01° 34'	-19° 48'	21° 32'	-26° 28'	06° 28'	+02° 34'	21° 23'	+06° 42'	21° 50'	-04° 13'
1 Jul 2009	00° 24'	-20° 03'	01° 34'	-25° 58'	10° 41'	+04° 14'	21° 42'	+06° 45'	22° 00'	-04° 12'
1 Aug 2009	00° 13'	D -20° 06'	14° 06'	-24° 09'	15° 03'	+05° 55'	21° 55'	+06° 45'	22° 00'	Rx -04° 15'
1 Sep 2009	29° 47'	Rx -20° 11'	22° 12'	-22° 17'	19° 25'	+07° 36'	21° 57'	Rx +06° 41'	21° 51'	-04° 20'
1 Oct 2009	27° 47'	-20° 36'	22° 41'	Rx -21° 58'	23° 39'	+09° 10'	21° 49'	+06° 36'	21° 36'	-04° 27'
1 Nov 2009	24° 21'	-21° 14'	17° 17'	-22° 56'	28° 01'	+10° 46'	21° 33'	+06° 30'	21° 17'	-04° 33'
1 Dec 2009	21° 48'	-21° 40'	19° 44'	-22° 10'	02° 14'	+12° 15'	21° 15'	+06° 26'	21° 02'	-04° 35'
1 Jan 2010	21° 04'	-21° 47'	27° 19'	-20° 07'	06° 36'	+13° 43'	21° 00'	+06° 24'	20° 55'	-04° 33'
1 Feb 2010	21° 00'	-21° 47'	08° 20'	-16° 39'	10° 58'	+15° 07'	20° 54'	+06° 26'	20° 58'	D -04° 27'
1 Mar 2010	19° 56'	-21° 57'	25° 32'	-10° 11'	14° 55'	+16° 18'	20° 58'	D +06° 31'	21° 09'	-04° 19'
1 Apr 2010	16° 53'	-22° 22'	02° 58'	-07° 01'	19° 16'	+17° 32'	21° 13'	+06° 38'	21° 27'	-04° 10'
1 May 2010	13° 48'	-22° 43'	06° 37'	-05° 19'	23° 30'	+18° 38'	21° 34'	+06° 45'	21° 46'	-04° 02'
1 Jun 2010	12° 12'	D -22° 52'	02° 59'	-06° 37'	27° 52'	+19° 41'	21° 57'	+06° 51'	22° 04'	-03° 57'
1 Jul 2010	11° 56'	-22° 54'	04° 28'	-05° 57'	02° 05'	+20° 34'	22° 17'	+06° 53'	22° 13'	-03° 56'
1 Aug 2010	11° 36'	Rx -22° 55'	12° 03'	D -02° 49'	06° 27'	+21° 23'	22° 30'	+06° 53'	22° 14'	Rx -03° 59'
1 Sep 2010	10° 00'	-23° 03'	23° 47'	+02° 01'	10° 49'	+22° 04'	22° 32'	Rx +06° 49'	22° 05'	-04° 05'
1 Oct 2010	07° 12'	D -23° 14'	05° 21'	+06° 44'	15° 03'	+22° 36'	22° 25'	+06° 44'	21° 50'	-04° 11'
1 Nov 2010	04° 24'	Rx -23° 21'	11° 30'	Rx +09° 12'	19° 25'	+23° 00'	22° 09'	+06° 38'	21° 32'	-04° 17'
1 Dec 2010	02° 57'	-23° 24'	04° 24'	D +06° 33'	23° 38'	+23° 17'	21° 51'	+06° 34'	21° 17'	-04° 19'
1 Jan 2011	02° 45'	D -23° 24'	19° 14'	+00° 28'	28° 00'	+23° 25'	21° 36'	+06° 32'	21° 09'	-04° 17'
1 Feb 2011	02° 18'	Rx -23° 25'	17° 32'	-00° 19'	02° 22'	+23° 24'	21° 29'	+06° 35'	21° 12'	D -04° 11'
1 Mar 2011	00° 19'	-23° 26'	13° 15'	-02° 07'	06° 29'	+23° 17'	21° 33'	D +06° 39'	21° 22'	-04° 03'
1 Apr 2011	26° 50'	-23° 24'	25° 40'	+02° 52'	10° 40'	+23° 00'	21° 47'	+06° 46'	21° 41'	-03° 54'
1 May 2011	24° 15'	-23° 18'	01° 55'	+05° 25'	14° 54'	+22° 36'	22° 08'	+06° 53'	22° 00'	-03° 46'
1 Jun 2011	23° 25'	-23° 16'	02° 06'	+05° 36'	19° 16'	+22° 03'	22° 32'	+06° 59'	22° 17'	-03° 41'
1 Jul 2011	23° 27'	-23° 16'	26° 16'	Rx +03° 20'	23° 29'	+21° 23'	22° 52'	+07° 01'	22° 27'	-03° 40'
1 Aug 2011	22° 32'	-23° 13'	23° 32'	+02° 08'	27° 51'	+20° 35'	23° 05'	+07° 01'	22° 28'	Rx -03° 43'
1 Sep 2011	19° 53'	-23° 03'	26° 50'	+03° 19'	02° 13'	+19° 39'	23° 08'	Rx +06° 58'	22° 19'	-03° 49'
1 Oct 2011	16° 49'	-22° 47'	06° 05'	+06° 48'	06° 27'	+18° 39'	23° 01'	+06° 52'	22° 04'	-03° 55'
1 Nov 2011	14° 51'	D -22° 34'	14° 51'	+10° 00'	10° 49'	+17° 31'	22° 45'	+06° 46'	21° 46'	-04° 01'
1 Dec 2011	14° 18'	-22° 30'	24° 58'	+13° 24'	15° 02'	+16° 19'	22° 27'	+06° 42'	21° 31'	-04° 03'
1 Jan 2012	13° 58'	Rx -22° 28'	00° 37'	+15° 04'	19° 24'	+14° 59'	22° 11'	+06° 41'	21° 23'	-04° 01'
1 Feb 2012	12° 25'	D -22° 17'	03° 36'	+15° 44'	23° 46'	+13° 35'	22° 04'	+06° 43'	21° 25'	D -03° 55'
1 Mar 2012	09° 29'	Rx -21° 52'	09° 55'	+17° 09'	27° 51'	+12° 12'	22° 08'	D +06° 48'	21° 37'	-03° 47'
1 Apr 2012	06° 40'	-21° 25'	16° 34'	+18° 28'	02° 13'	+10° 40'	22° 23'	+06° 55'	21° 55'	-03° 38'
1 May 2012	05° 17'	-21° 10'	26° 55'	+20° 12'	06° 26'	+09° 08'	22° 44'	+07° 01'	22° 14'	-03° 31'
1 Jun 2012	05° 04'	D -21° 08'	05° 02'	+21° 08'	10° 48'	+07° 30'	23° 08'	+07° 07'	22° 32'	-03° 26'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Jul 2012	04° ♌43'	-21°04'	13° ♀07'	+21°36'	15° ♀02'	+05°53'	23° ♂28'	+07°10'	22° ♀41'	-03°25'
1 Aug 2012	02° ♌53' R	-20°44'	15° ♀08'	+21°32'	19° ♀24'	+04°11'	23° ♂41'	+07°09'	22° ♀42' R	-03°27'
1 Sep 2012	29° ♍34'	-20°03'	10° ♀54'	+21°06'	23° ♀46'	+02°28'	23° ♂44' R	+07°06'	22° ♀33'	-03°33'
1 Oct 2012	26° ♍56'	-19°28'	06° ♀11' D	+20°31'	27° ♀59'	+00°47'	23° ♂36'	+07°00'	22° ♀18'	-03°39'
1 Nov 2012	26° ♍01' D	-19°15'	09° ♀25'	+20°38'	02° ♀21'	-00°56'	23° ♂20'	+06°55'	21° ♀59'	-03°45'
1 Dec 2012	26° ♍02' R	-19°15'	17° ♀06'	+20°55'	06° ♀35'	-02°36'	23° ♂02'	+06°50'	21° ♀45'	-03°47'
1 Jan 2013	24° ♍58'	-19°00'	29° ♀25'	+20°31'	10° ♀56'	-04°19'	22° ♂47'	+06°49'	21° ♀37'	-03°45'
1 Feb 2013	22° ♍07'	-18°18'	07° ♀12'	+19°40'	15° ♀18'	-06°01'	22° ♂40'	+06°51'	21° ♀40' D	-03°40'
1 Mar 2013	19° ♍08'	-17°30'	12° ♀54'	+20°19'	19° ♀15'	-07°32'	22° ♂44' D	+06°56'	21° ♀50'	-03°32'
1 Apr 2013	17° ♍18' D	-16°59'	29° ♂53' R	+19°00'	23° ♀37'	-09°10'	22° ♂58'	+07°03'	22° ♀09'	-03°23'
1 May 2013	16° ♍52'	-16°52'	29° ♂17'	+18°52'	27° ♀50'	-10°42'	23° ♂19'	+07°10'	22° ♀28'	-03°15'
1 Jun 2013	16° ♍39'	-16°48'	07° ♀46' D	+19°43'	02° ♍12'	-12°14'	23° ♂43'	+07°15'	22° ♀45'	-03°10'
1 Jul 2013	15° ♍28'	-16°28'	19° ♀15'	+20°09'	06° ♍26'	-13°39'	24° ♂03'	+07°18'	22° ♀55'	-03°09'
1 Aug 2013	12° ♍55' R	-15°42'	00° ♀04'	+19°44'	10° ♍48'	-15°03'	24° ♂17'	+07°17'	22° ♀56' R	-03°11'
1 Sep 2013	09° ♍52'	-14°46'	05° ♀23' R	+19°08'	15° ♍10'	-16°23'	24° ♂20' R	+07°14'	22° ♀47'	-03°17'
1 Oct 2013	08° ♍06'	-14°12'	05° ♀16'	+18°57'	19° ♍23'	-17°34'	24° ♂13'	+07°09'	22° ♀32'	-03°23'
1 Nov 2013	07° ♍45' D	-14°05'	02° ♀20'	+19°06'	23° ♍45'	-18°42'	23° ♂57'	+07°03'	22° ♀14'	-03°29'
1 Dec 2013	07° ♍30' R	-14°00'	08° ♀51'	+18°34'	27° ♍58'	-19°42'	23° ♂39'	+06°59'	21° ♀59'	-03°31'
1 Jan 2014	05° ♍30'	-13°21'	18° ♀25'	+17°23'	02° ♌20'	-20°37'	23° ♂23'	+06°57'	21° ♀51'	-03°30'
1 Feb 2014	01° ♍54'	-12°08'	29° ♀56'	+15°15'	06° ♌42'	-21°25'	23° ♂16'	+06°59'	21° ♀53' D	-03°24'
1 Mar 2014	29° ♀24'	-11°15'	15° ♀40'	+11°26'	10° ♌39'	-22°02'	23° ♂19' D	+07°04'	22° ♀04'	-03°16'
1 Apr 2014	28° ♀22' D	-10°53'	19° ♀51'	+10°12'	15° ♌01'	-22°35'	23° ♂33'	+07°11'	22° ♀22'	-03°07'
1 May 2014	28° ♀23' R	-10°53'	18° ♀44'	+10°30'	19° ♌14'	-23°00'	23° ♂54'	+07°18'	22° ♀42'	-02°59'
1 Jun 2014	27° ♀30'	-10°35'	14° ♀17'	+11°49'	23° ♌36'	-23°16'	24° ♂18'	+07°23'	22° ♀59'	-02°54'
1 Jul 2014	25° ♀06'	-09°42'	17° ♀30' D	+11°08'	27° ♌50'	-23°25'	24° ♂39'	+07°26'	23° ♀09'	-02°53'
1 Aug 2014	21° ♀57'	-08°33'	27° ♀56'	+08°20'	02° ♀12'	-23°25'	24° ♂53'	+07°26'	23° ♀10' R	-02°56'
1 Sep 2014	19° ♀56' D	-07°47'	11° ♀17'	+04°19'	06° ♀34'	-23°16'	24° ♂56' R	+07°22'	23° ♀01'	-03°01'
1 Oct 2014	19° ♀17'	-07°33'	20° ♀46'	+01°19'	10° ♀47'	-22°59'	24° ♂49'	+07°17'	22° ♀46'	-03°08'
1 Nov 2014	19° ♀08'	-07°29'	19° ♀23'	+01°47'	15° ♀09'	-22°34'	24° ♂33'	+07°11'	22° ♀28'	-03°13'
1 Dec 2014	18° ♀06'	-07°06'	25° ♀54'	+09°03'	19° ♀22'	-22°02'	24° ♂15'	+07°07'	22° ♀12'	-03°16'
1 Jan 2015	15° ♀25' R	-06°04'	17° ♀20'	+11°34'	23° ♀44'	-21°21'	23° ♂59'	+07°06'	22° ♀05'	-03°14'
1 Feb 2015	12° ♀00'	-04°44'	25° ♀02'	+09°40'	28° ♀06'	-20°32'	23° ♂52'	+07°08'	22° ♀07' D	-03°08'
1 Mar 2015	10° ♀23'	-04°06'	27° ♀01'	+09°07'	02° ♀03'	-19°42'	23° ♂55' D	+07°12'	22° ♀17'	-03°01'
1 Apr 2015	10° ♀00' D	-03°57'	08° ♀42'	+05°44'	06° ♀25'	-18°39'	24° ♂09'	+07°19'	22° ♀35'	-02°52'
1 May 2015	09° ♀49'	-03°53'	12° ♀51' R	+04°32'	10° ♀38'	-17°33'	24° ♂30'	+07°26'	22° ♀55'	-02°44'
1 Jun 2015	08° ♀11' R	-03°14'	09° ♀13'	+05°49'	15° ♀00'	-16°19'	24° ♂54'	+07°31'	23° ♀12'	-02°39'
1 Jul 2015	05° ♀10'	-02°03'	06° ♀37'	+06°50'	19° ♀14'	-15°03'	25° ♂15'	+07°34'	23° ♀22'	-02°37'
1 Aug 2015	02° ♀15'	-00°53'	08° ♀51'	+06°21'	23° ♀36'	-13°39'	25° ♂29'	+07°34'	23° ♀24' R	-02°40'
1 Sep 2015	01° ♀05' D	-00°25'	16° ♀14'	+04°10'	27° ♀57'	-12°10'	25° ♂33' R	+07°30'	23° ♀15'	-02°45'
1 Oct 2015	00° ♀59' R	-00°23'	27° ♀17'	+00°45'	02° ♀11'	-10°41'	25° ♂26'	+07°25'	23° ♀00'	-02°52'
1 Nov 2015	00° ♀19'	-00°07'	05° ♀14'	-01°40'	06° ♀33'	-09°06'	25° ♂10'	+07°19'	22° ♀42'	-02°57'
1 Dec 2015	28° ♀05'	+00°45'	13° ♀19'	-04°01'	10° ♀46'	-07°31'	24° ♂52'	+07°15'	22° ♀26'	-03°00'
1 Jan 2016	24° ♀52' D	+02°02'	16° ♀03'	-04°37'	15° ♀08'	-05°51'	24° ♂36'	+07°14'	22° ♀18'	-02°58'
1 Feb 2016	22° ♀35' R	+02°56'	19° ♀09'	-05°20'	19° ♀30'	-04°09'	24° ♂28'	+07°16'	22° ♀20' D	-02°53'
1 Mar 2016	21° ♀50' D	+03°14'	26° ♀53'	-07°31'	23° ♀35'	-02°32'	24° ♂31' D	+07°21'	22° ♀31'	-02°45'
1 Apr 2016	21° ♀36'	+03°19'	06° ♍19'	-10°07'	27° ♀57'	-00°48'	24° ♂45'	+07°27'	22° ♀50'	-02°36'
1 May 2016	20° ♀29'	+03°45'	17° ♍13'	-12°50'	02° ♀11'	+00°52'	25° ♂06'	+07°34'	23° ♀09'	-02°28'
1 Jun 2016	18° ♀00' R	+04°44'	24° ♍05'	-14°19'	06° ♀32'	+02°36'	25° ♂30'	+07°40'	23° ♀26'	-02°23'
1 Jul 2016	15° ♀04'	+05°52'	26° ♍59'	-14°47'	10° ♀46'	+04°15'	25° ♂51'	+07°42'	23° ♀36'	-02°22'
1 Aug 2016	13° ♀04'	+06°38'	22° ♍15' D	-13°38'	15° ♀08'	+05°57'	26° ♂05'	+07°42'	23° ♀37' R	-02°24'
1 Sep 2016	12° ♀42'	+06°47'	16° ♍11'	-12°08'	19° ♀30'	+07°37'	26° ♂09' R	+07°38'	23° ♀29'	-02°29'
1 Oct 2016	12° ♀39'	+06°48'	14° ♍08'	-11°41'	23° ♀43'	+09°12'	26° ♂02'	+07°33'	23° ♀13'	-02°36'
1 Nov 2016	10° ♀58'	+07°26'	21° ♍39'	-13°33'	28° ♀05'	+10°47'	25° ♂47'	+07°28'	22° ♀55'	-02°41'
1 Dec 2016	07° ♀40'	+08°41'	28° ♍52'	-15°05'	02° ♂19'	+12°16'	25° ♂28'	+07°23'	22° ♀40'	-02°44'
1 Jan 2017	04° ♀31'	+09°50'	07° ♌06'	-16°27'	06° ♂41'	+13°44'	25° ♂12'	+07°22'	22° ♀32'	-02°42'
1 Feb 2017	03° ♀26' D	+10°14'	04° ♌36'	-15°53'	11° ♂03'	+15°08'	25° ♂04'	+07°24'	22° ♀34' D	-02°37'
1 Mar 2017	03° ♀22' R	+10°15'	12° ♍43'	-10°56'	14° ♂59'	+16°19'	25° ♂07' D	+07°29'	22° ♀45'	-02°29'
1 Apr 2017	02° ♀41'	+10°30'	09° ♍59' R	-10°16'	19° ♂21'	+17°33'	25° ♂21'	+07°35'	23° ♀03'	-02°20'
1 May 2017	00° ♀32'	+11°16'	16° ♍53'	-12°09'	23° ♂34'	+18°40'	25° ♂42'	+07°42'	23° ♀22'	-02°13'
1 Jun 2017	27° ♀35' D	+12°18'	26° ♍17'	-14°24'	27° ♂56'	+19°42'	26° ♂06'	+07°48'	23° ♀40'	-02°07'
1 Jul 2017	25° ♀17' R	+13°05'	07° ♌01'	-16°30'	02° ♀10'	+20°35'	26° ♂27'	+07°50'	23° ♀50'	-02°06'
1 Aug 2017	24° ♀20'	+13°24'	14° ♌54'	-17°41'	06° ♀32'	+21°23'	26° ♂42'	+07°50'	23° ♀51' R	-02°08'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Sep 2017	24° ♊10'	D +13°27'	17° ♌31'	-18°01'	10° ♎54'	+22°04'	26° 8 46'	Rx +07°47'	23° ♎42'	-02°14'
1 Oct 2017	23° ♊25'	+13°42'	18° ♌31'	-18°16'	15° ♎07'	+22°36'	26° 8 39'	+07°42'	23° ♎27'	-02°20'
1 Nov 2017	20° ♊58'	Rx +14°30'	19° ♌36'	-18°37'	19° ♎29'	+23°01'	26° 8 24'	+07°36'	23° ♎09'	-02°25'
1 Dec 2017	17° ♊39'	+15°32'	29° ♌19'	-19°39'	23° ♎43'	+23°17'	26° 8 05'	+07°32'	22° ♎54'	-02°28'
1 Jan 2018	15° ♊20'	+16°14'	10° ♌00'	-20°03'	28° ♎05'	+23°25'	25° 8 49'	+07°30'	22° ♎46'	-02°27'
1 Feb 2018	14° ♊56'	D +16°21'	21° ♌01'	-19°39'	02° ♏27'	+23°24'	25° 8 41'	+07°32'	22° ♎48'	D -02°21'
1 Mar 2018	14° ♊51'	Rx +16°22'	03° ♏48'	-18°19'	06° ♏23'	+23°16'	25° 8 44'	D +07°37'	22° ♎58'	-02°14'
1 Apr 2018	13° ♊18'	+16°49'	03° ♏40'	-18°29'	10° ♏45'	+23°00'	25° 8 57'	+07°44'	23° ♎16'	-02°05'
1 May 2018	10° ♊15'	+17°40'	28° ♌26'	-19°27'	14° ♏58'	+22°35'	26° 8 18'	+07°50'	23° ♎36'	-01°57'
1 Jun 2018	07° ♊13'	+18°27'	26° ♌18'	D -19°56'	19° ♏20'	+22°02'	26° 8 42'	+07°56'	23° ♎53'	-01°52'
1 Jul 2018	05° ♊58'	D +18°46'	01° ♏32'	-19°25'	23° ♏34'	+21°22'	27° 8 04'	+07°58'	24° ♎03'	-01°50'
1 Aug 2018	05° ♊52'	Rx +18°48'	13° ♏30'	-17°26'	27° ♏56'	+20°34'	27° 8 18'	+07°58'	24° ♎05'	Rx -01°52'
1 Sep 2018	05° ♊23'	+18°55'	26° ♏14'	-14°31'	02° ♎18'	+19°38'	27° 8 23'	Rx +07°55'	23° ♎56'	-01°58'
1 Oct 2018	03° ♊33'	+19°21'	28° ♏31'	-14°00'	06° ♎31'	+18°38'	27° 8 17'	+07°50'	23° ♎41'	-02°04'
1 Nov 2018	00° ♊37'	+20°00'	11° ♏21'	-18°16'	10° ♎53'	+17°29'	27° 8 01'	+07°44'	23° ♎23'	-02°09'
1 Dec 2018	28° ♏02'	+20°33'	18° ♌51'	-21°17'	15° ♎07'	+16°17'	26° 8 43'	+07°40'	23° ♎08'	-02°12'
1 Jan 2019	26° ♏52'	+20°46'	23° ♌57'	-21°02'	19° ♎29'	+14°58'	26° 8 26'	+07°39'	22° ♎59'	-02°11'
1 Feb 2019	26° ♏47'	D +20°47'	07° ♏10'	-19°24'	23° ♎50'	+13°34'	26° 8 18'	+07°41'	23° ♎01'	D -02°06'
1 Mar 2019	26° ♏01'	+20°56'	13° ♏13'	-18°19'	27° ♎47'	+12°14'	26° 8 20'	D +07°45'	23° ♎12'	-01°58'
1 Apr 2019	23° ♏39'	Rx +21°21'	22° ♏55'	-16°12'	02° ♎09'	+10°42'	26° 8 34'	+07°52'	23° ♎30'	-01°49'
1 May 2019	20° ♏28'	+21°52'	25° ♏21'	Rx -15°47'	06° ♎22'	+09°10'	26° 8 54'	+07°58'	23° ♎49'	-01°41'
1 Jun 2019	18° ♏09'	+22°12'	21° ♏13'	-17°05'	10° ♎44'	+07°32'	27° 8 19'	+08°04'	24° ♎07'	-01°36'
1 Jul 2019	17° ♏37'	+22°16'	22° ♏39'	-16°49'	14° ♎58'	+05°55'	27° 8 40'	+08°07'	24° ♎17'	-01°34'
1 Aug 2019	17° ♏35'	+22°16'	27° ♏59'	-15°21'	19° ♎20'	+04°13'	27° 8 55'	+08°06'	24° ♎19'	Rx -01°36'
1 Sep 2019	16° ♏18'	+22°26'	07° ♎13'	-12°32'	23° ♎42'	+02°30'	28° 8 00'	Rx +08°03'	24° ♎10'	-01°42'
1 Oct 2019	13° ♏28'	+22°45'	18° ♎32'	-08°42'	27° ♎55'	+00°49'	27° 8 54'	+07°58'	23° ♎55'	-01°48'
1 Nov 2019	10° ♏18'	+23°02'	24° ♎29'	-06°40'	02° ♎17'	-00°54'	27° 8 39'	+07°53'	23° ♎37'	-01°53'
1 Dec 2019	08° ♏40'	D +23°09'	29° ♎21'	-04°59'	06° ♎31'	-02°35'	27° 8 21'	+07°48'	23° ♎22'	-01°56'
1 Jan 2020	08° ♏23'	Rx +23°10'	29° ♎45'	-04°53'	10° ♎53'	-04°18'	27° 8 04'	+07°47'	23° ♎13'	-01°55'
1 Feb 2020	07° ♏48'	+23°12'	04° ♎27'	-02°59'	15° ♎14'	-06°00'	26° 8 55'	+07°49'	23° ♎15'	D -01°50'
1 Mar 2020	05° ♏48'	+23°18'	13° ♎30'	D +00°42'	19° ♎19'	-07°33'	26° 8 58'	D +07°53'	23° ♎26'	-01°42'
1 Apr 2020	02° ♏43'	D +23°24'	25° ♎21'	Rx +05°27'	23° ♎41'	-09°11'	27° 8 11'	+08°00'	23° ♎44'	-01°33'
1 May 2020	00° ♏16'	Rx +23°26'	05° 8 56'	+09°33'	27° ♎55'	-10°44'	27° 8 32'	+08°07'	24° ♎03'	-01°25'
1 Jun 2020	29° ♎13'	+23°26'	09° 8 44'	+10°56'	02° ♎17'	-12°15'	27° 8 56'	+08°12'	24° ♎21'	-01°20'
1 Jul 2020	29° ♎06'	D +23°26'	03° 8 14'	D +08°29'	06° ♎30'	-13°41'	28° 8 18'	+08°15'	24° ♎31'	-01°18'
1 Aug 2020	28° ♎37'	Rx +23°25'	23° ♎13'	+04°39'	10° ♎52'	-15°05'	28° 8 33'	+08°15'	24° ♎32'	Rx -01°21'
1 Sep 2020	26° ♎23'	+23°23'	21° ♎25'	+04°08'	15° ♎14'	-16°24'	28° 8 38'	Rx +08°11'	24° ♎24'	-01°26'
1 Oct 2020	23° ♎04'	+23°15'	23° ♎53'	+05°15'	19° ♎28'	-17°35'	28° 8 32'	+08°06'	24° ♎09'	-01°32'
1 Nov 2020	20° ♎27'	+23°05'	03° 8 19'	+09°03'	23° ♎50'	-18°43'	28° 8 16'	+08°01'	23° ♎51'	-01°37'
1 Dec 2020	19° ♎53'	+23°03'	07° 8 28'	+10°37'	28° ♎03'	-19°43'	27° 8 58'	+07°57'	23° ♎35'	-01°40'
1 Jan 2021	19° ♎52'	+23°03'	07° 8 23'	+10°37'	02° ♎25'	-20°38'	27° 8 41'	+07°55'	23° ♎27'	-01°39'
1 Feb 2021	18° ♎23'	+22°55'	26° ♎56'	+06°39'	06° ♎47'	-21°26'	27° 8 33'	+07°57'	23° ♎29'	D -01°34'
1 Mar 2021	15° ♎41'	+22°40'	21° ♎49'	Rx +04°44'	10° ♎43'	-22°03'	27° 8 35'	D +08°02'	23° ♎40'	-01°26'
1 Apr 2021	12° ♎33'	+22°17'	26° ♎40'	+06°52'	15° ♎05'	-22°36'	27° 8 48'	+08°08'	23° ♎57'	-01°17'
1 May 2021	11° ♎02'	D +22°05'	07° 8 00'	+11°04'	19° ♎19'	-23°00'	28° 8 09'	+08°15'	24° ♎17'	-01°10'
1 Jun 2021	10° ♎44'	Rx +22°03'	15° 8 58'	+14°29'	23° ♎41'	-23°17'	28° 8 33'	+08°20'	24° ♎35'	-01°04'
1 Jul 2021	10° ♎23'	+22°00'	25° 8 16'	+17°45'	27° ♎54'	-23°25'	28° 8 55'	+08°23'	24° ♎45'	-01°02'
1 Aug 2021	08° ♎53'	D +21°46'	00° ♎17'	+19°27'	02° ♎16'	-23°25'	29° 8 11'	+08°23'	24° ♎46'	Rx -01°04'
1 Sep 2021	06° ♎08'	Rx +21°19'	01° ♎51'	+20°09'	06° ♎38'	-23°16'	29° 8 16'	Rx +08°20'	24° ♎38'	-01°09'
1 Oct 2021	03° ♎22'	+20°49'	05° ♎15'	+21°20'	10° ♎52'	-22°59'	29° 8 10'	+08°15'	24° ♎23'	-01°16'
1 Nov 2021	01° ♎54'	+20°32'	09° ♎51'	+22°38'	15° ♎14'	-22°33'	28° 8 55'	+08°09'	24° ♎05'	-01°21'
1 Dec 2021	01° ♎43'	D +20°30'	21° ♎05'	+24°53'	19° ♎27'	-22°01'	28° 8 36'	+08°05'	23° ♎49'	-01°24'
1 Jan 2022	01° ♎12'	Rx +20°23'	01° ♎21'	+26°02'	23° ♎49'	-21°20'	28° 8 19'	+08°04'	23° ♎41'	-01°23'
1 Feb 2022	28° 8 44'	+19°52'	10° ♎21'	+26°21'	28° ♎11'	-20°31'	28° 8 11'	+08°06'	23° ♎43'	D -01°18'
1 Mar 2022	25° 8 42'	+19°11'	17° ♎09'	+26°13'	02° ♎08'	-19°40'	28° 8 12'	D +08°10'	23° ♎53'	-01°11'
1 Apr 2022	23° 8 05'	+18°32'	11° ♎28'	D +26°46'	06° ♎29'	-18°38'	28° 8 25'	+08°17'	24° ♎11'	-01°02'
1 May 2022	22° 8 28'	+18°23'	04° ♎58'	+26°54'	10° ♎43'	-17°32'	28° 8 46'	+08°23'	24° ♎31'	-00°54'
1 Jun 2022	22° 8 29'	+18°23'	07° ♎55'	+26°56'	15° ♎05'	-16°18'	29° 8 11'	+08°28'	24° ♎48'	-00°48'
1 Jul 2022	21° 8 27'	+18°07'	14° ♎49'	+26°41'	19° ♎18'	-15°01'	29° 8 33'	+08°31'	24° ♎59'	-00°47'
1 Aug 2022	18° 8 37'	+17°21'	26° ♎22'	+25°25'	23° ♎40'	-13°37'	29° 8 48'	+08°31'	25° ♎00'	Rx -00°48'
1 Sep 2022	15° 8 34'	+16°30'	05° ♎19'	+23°46'	28° ♎02'	-12°09'	29° 8 54'	Rx +08°28'	24° ♎52'	-00°53'
1 Oct 2022	13° 8 50'	D +15°59'	24° ♎51'	+25°59'	02° ♎16'	-10°39'	29° 8 48'	+08°23'	24° ♎37'	-00°59'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♁ Long	Black Moon ♁ Decl	Selena ♀ Long	Selena ♀ Decl	Sedna ♁ Long	Sedna ♁ Decl	Eris ♁ Long	Eris ♁ Decl
1 Nov 2022	13° 8'24"	+15°51'	02°♁01'	+27°23'	06°♁38'	-09°04'	29° 8'34"	+08°17'	24°♁19'	-01°05'
1 Dec 2022	13° 8'09"	+15°47'	26°♁40'	+27°00'	10°♁51'	-07°29'	29° 8'15"	+08°13'	24°♁04'	-01°08'
1 Jan 2023	11° 8'45"	+15°21'	07°♁45'	+27°26'	15°♁13'	-05°49'	28° 8'58"	+08°12'	23°♁55'	-01°07'
1 Feb 2023	08° 8'41" R	+14°23'	21°♁44'	+26°24'	19°♁35'	-04°07'	28° 8'49"	+08°14'	23°♁57' D	-01°02'
1 Mar 2023	05° 8'49"	+13°27'	29°♁19'	+25°14'	23°♁32'	-02°33'	28° 8'50" D	+08°18'	24°♁07'	-00°55'
1 Apr 2023	04° 8'15"	+12°56'	05°♁52' R	+23°51'	27°♁54'	-00°50'	29° 8'03"	+08°25'	24°♁25'	-00°46'
1 May 2023	04° 8'01" D	+12°51'	07°♁18'	+23°32'	02°♁07'	+00°50'	29° 8'24"	+08°31'	24°♁44'	-00°38'
1 Jun 2023	03° 8'37"	+12°43'	05°♁14'	+23°58'	06°♁29'	+02°34'	29° 8'48"	+08°37'	25°♁02'	-00°32'
1 Jul 2023	01° 8'45" R	+12°04'	10°♁36'	+22°22'	10°♁42'	+04°14'	00° ♀10'	+08°39'	25°♁13'	-00°30'
1 Aug 2023	28°♁29'	+10°56'	18°♁17'	+19°49'	15°♁04'	+05°56'	00° ♀27'	+08°39'	25°♁15' R	-00°32'
1 Sep 2023	25°♁47'	+09°57'	28°♁26'	+16°04'	19°♁26'	+07°36'	00° ♀32' R	+08°36'	25°♁07'	-00°37'
1 Oct 2023	24°♁53" D	+09°38'	09°♁05'	+11°39'	23°♁40'	+09°11'	00° ♀27'	+08°31'	24°♁52'	-00°43'
1 Nov 2023	24°♁50" R	+09°37'	12°♁23'	+10°11'	28°♁02'	+10°46'	00° ♀13'	+08°26'	24°♁33'	-00°49'
1 Dec 2023	23°♁53'	+09°16'	13°♁57'	+09°21'	02° 8'15"	+12°15'	29° 8'54"	+08°22'	24°♁18'	-00°52'
1 Jan 2024	21°♁03'	+08°12'	13°♁50'	+09°09'	06° 8'37"	+13°43'	29° 8'37"	+08°20'	24°♁09'	-00°51'
1 Feb 2024	17°♁51" D	+07°00'	21°♁00" D	+05°40'	10° 8'59"	+15°07'	29° 8'27"	+08°22'	24°♁11" D	-00°46'
1 Mar 2024	16°♁00'	+06°17'	00°♁29'	+01°05'	15° 8'04"	+16°21'	29° 8'29" D	+08°27'	24°♁21'	-00°39'
1 Apr 2024	15°♁37'	+06°08'	13°♁28'	-05°07'	19° 8'26"	+17°35'	29° 8'42"	+08°33'	24°♁39'	-00°30'
1 May 2024	15°♁20" R	+06°02'	20°♁58'	-08°39'	23° 8'40"	+18°41'	00° ♀02'	+08°40'	24°♁59'	-00°22'
1 Jun 2024	14°♁02" D	+05°32'	16°♁21'	-06°37'	28° 8'02"	+19°43'	00° ♀27'	+08°45'	25°♁16'	-00°16'
1 Jul 2024	11°♁28" R	+04°32'	27°♁20'	+02°11'	02° ♀15'	+20°36'	00° ♀49'	+08°48'	25°♁27'	-00°14'
1 Aug 2024	08°♁32'	+03°23'	22°♁14'	+04°23'	06° ♀37'	+21°24'	01° ♀05'	+08°47'	25°♁29' R	-00°16'
1 Sep 2024	06°♁48'	+02°42'	28°♁41'	+01°11'	10° ♀59'	+22°05'	01° ♀11'	+08°44'	25°♁20'	-00°21'
1 Oct 2024	06°♁38" D	+02°38'	05°♁19'	-01°59'	15° ♀12'	+22°36'	01° ♀06' R	+08°39'	25°♁06'	-00°27'
1 Nov 2024	06°♁24" R	+02°32'	14°♁20'	-06°19'	19° ♀34'	+23°01'	00° ♀51'	+08°34'	24°♁47'	-00°33'
1 Dec 2024	04°♁28'	+01°46'	14°♁10'	-06°22'	23° ♀48'	+23°17'	00° ♀33'	+08°30'	24°♁32'	-00°36'
1 Jan 2025	00°♁50'	+00°19'	07°♁44'	-03°37'	28° ♀10'	+23°25'	00° ♀15'	+08°29'	24°♁23'	-00°35'
1 Feb 2025	28°♁09'	-00°43'	01°♁29' R	-00°52'	02°♁32'	+23°24'	00° ♀06'	+08°31'	24°♁25" D	-00°30'
1 Mar 2025	27°♁24'	-01°01'	08°♁13'	-04°10'	06°♁28'	+23°16'	00° ♀07" D	+08°35'	24°♁35'	-00°23'
1 Apr 2025	27°♁22'	-01°02'	16°♁38'	-08°08'	10°♁50'	+22°59'	00° ♀20'	+08°41'	24°♁53'	-00°14'
1 May 2025	26°♁27'	-01°24'	28°♁01'	-13°17'	15°♁04'	+22°35'	00° ♀40'	+08°48'	25°♁13'	-00°06'
1 Jun 2025	23°♁58'	-02°23'	05°♁24'	-16°28'	19°♁26'	+22°01'	01° ♀05'	+08°53'	25°♁30'	-00°00'
1 Jul 2025	21°♁03" D	-03°32'	12°♁09'	-19°13'	23°♁39'	+21°21'	01° ♀28'	+08°56'	25°♁41'	+00°01'
1 Aug 2025	19°♁04'	-04°19'	14°♁11'	-20°09'	28°♁01'	+20°33'	01° ♀44'	+08°56'	25°♁43' R	-00°00'
1 Sep 2025	18°♁23" R	-04°35'	16°♁12'	-20°57'	02°♁23'	+19°37'	01° ♀50'	+08°53'	25°♁35'	-00°05'
1 Oct 2025	18°♁10" D	-04°40'	22°♁29'	-22°58'	06°♁36'	+18°36'	01° ♀45' R	+08°48'	25°♁20'	-00°11'
1 Nov 2025	17°♁02'	-05°06'	00°♁20'	-25°00'	10°♁58'	+17°28'	01° ♀31'	+08°42'	25°♁02'	-00°16'
1 Dec 2025	14°♁16" R	-06°11'	12°♁29'	-27°15'	15°♁12'	+16°16'	01° ♀12'	+08°38'	24°♁46'	-00°19'
1 Jan 2026	10°♁55'	-07°28'	21°♁36'	-28°08'	19°♁34'	+14°56'	00° ♀55'	+08°37'	24°♁37'	-00°19'
1 Feb 2026	09°♁06'	-08°09'	27°♁02'	-28°21'	23°♁56'	+13°32'	00° ♀45'	+08°39'	24°♁39" D	-00°14'
1 Mar 2026	08°♁58" D	-08°12'	23°♁22" D	-28°22'	27°♁52'	+12°12'	00° ♀46" D	+08°43'	24°♁49'	-00°07'
1 Apr 2026	08°♁45" R	-08°17'	15°♁18'	-27°45'	02°♁14'	+10°40'	00° ♀58'	+08°50'	25°♁07'	+00°01'
1 May 2026	06°♁58'	-08°56'	12°♁24'	-27°15'	06°♁28'	+09°08'	01° ♀19'	+08°56'	25°♁26'	+00°09'
1 Jun 2026	03°♁33'	-10°12'	19°♁46'	-27°49'	10°♁50'	+07°30'	01° ♀44'	+09°01'	25°♁44'	+00°15'
1 Jul 2026	00°♁51'	-11°10'	26°♁21'	-27°59'	15°♁03'	+05°53'	02° ♀06'	+09°04'	25°♁55'	+00°17'
1 Aug 2026	29°♁49" D	-11°31'	04°♁07'	-27°42'	19°♁25'	+04°11'	02° ♀23'	+09°04'	25°♁57' R	+00°15'
1 Sep 2026	29°♁47" R	-11°32'	03°♁53'	-27°44'	23°♁47'	+02°27'	02° ♀30'	+09°01'	25°♁49'	+00°11'
1 Oct 2026	29°♁08'	-11°46'	15°♁29'	-27°34'	28°♁01'	+00°47'	02° ♀25' R	+08°56'	25°♁34'	+00°05'
1 Nov 2026	26°♁56'	-12°31'	05°♁49' R	-26°11'	02°♁22'	-00°56'	02° ♀11'	+08°51'	25°♁16'	-00°00'
1 Dec 2026	23°♁51" D	-13°33'	11°♁47'	-26°57'	06°♁36'	-02°37'	01° ♀52'	+08°47'	25°♁00'	-00°03'
1 Jan 2027	21°♁26" R	-14°21'	24°♁27" D	-27°39'	10°♁58'	-04°20'	01° ♀34'	+08°45'	24°♁52'	-00°02'
1 Feb 2027	20°♁35'	-14°37'	07°♁28'	-26°50'	15°♁20'	-06°02'	01° ♀24'	+08°47'	24°♁53" D	+00°01'
1 Mar 2027	20°♁23" D	-14°41'	15°♁41' R	-25°29'	19°♁16'	-07°32'	01° ♀25" D	+08°51'	25°♁03'	+00°08'
1 Apr 2027	19°♁18'	-15°01'	19°♁53'	-24°27'	23°♁38'	-09°10'	01° ♀37'	+08°58'	25°♁21'	+00°17'
1 May 2027	16°♁44" R	-15°48'	22°♁04'	-23°42'	27°♁52'	-10°42'	01° ♀57'	+09°04'	25°♁40'	+00°25'
1 Jun 2027	13°♁42'	-16°42'	23°♁13'	-23°11'	02°♁14'	-12°14'	02° ♀22'	+09°09'	25°♁58'	+00°31'
1 Jul 2027	11°♁53'	-17°13'	01°♁06'	-20°51'	06°♁27'	-13°40'	02° ♀45'	+09°12'	26°♁09'	+00°33'
1 Aug 2027	11°♁29'	-17°19'	09°♁30'	-18°02'	10°♁49'	-15°04'	03° ♀02'	+09°12'	26°♁11" R	+00°31'
1 Sep 2027	11°♁20'	-17°22'	19°♁03'	-14°26'	15°♁11'	-16°23'	03° ♀09'	+09°09'	26°♁03'	+00°27'
1 Oct 2027	09°♁49'	-17°47'	27°♁38'	-10°49'	19°♁25'	-17°34'	03° ♀05' R	+09°04'	25°♁48'	+00°21'
1 Nov 2027	06°♁32'	-18°38'	27°♁21'	-10°42'	23°♁47'	-18°42'	02° ♀50'	+08°59'	25°♁30'	+00°15'
1 Dec 2027	03°♁36'	-19°20'	25°♁56'	-11°02'	28°♁00'	-19°42'	02° ♀32'	+08°55'	25°♁14'	+00°12'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Jan 2028	02°≈24' D	-19°37'	27°≈33' D	-10°12'	02°♈22'	-20°37'	02°♁14'	+08°54'	25°♁06'	+00°13'
1 Feb 2028	02°≈17' R	-19°38'	07°♋37'	-05°51'	06°♈44'	-21°25'	02°♁03'	+08°55'	25°♁07' D	+00°17'
1 Mar 2028	01°≈33'	-19°48'	16°♋28'	-01°57'	10°♈49'	-22°03'	02°♁04' D	+09°00'	25°♁17'	+00°24'
1 Apr 2028	29°♈09'	-20°19'	28°♋45'	+03°30'	15°♈11'	-22°36'	02°♁16'	+09°06'	25°♁35'	+00°33'
1 May 2028	26°♈11' D	-20°54'	29°♋10'	+03°48'	19°♈24'	-23°00'	02°♁36'	+09°12'	25°♁54'	+00°41'
1 Jun 2028	24°♈04' R	-21°17'	12°♋05'	-03°28'	23°♈46'	-23°17'	03°♁02'	+09°18'	26°♁12'	+00°47'
1 Jul 2028	23°♈17'	-21°25'	24°≈15'	-10°52'	28°♈00'	-23°25'	03°♁24'	+09°20'	26°♁23'	+00°49'
1 Aug 2028	23°♈12' D	-21°26'	29°≈01'	-08°54'	02°♈22'	-23°24'	03°♁42'	+09°20'	26°♁25' R	+00°47'
1 Sep 2028	22°♈28' R	-21°33'	10°♋13'	-04°11'	06°♈44'	-23°15'	03°♁49'	+09°17'	26°♁17'	+00°43'
1 Oct 2028	20°♈00'	-21°56'	18°♋04'	-00°47'	10°♈57'	-22°58'	03°♁44' R	+09°12'	26°♁02'	+00°37'
1 Nov 2028	16°♈26'	-22°25'	23°♋32'	+01°41'	15°♈19'	-22°33'	03°♁30'	+09°07'	25°♁44'	+00°31'
1 Dec 2028	14°♈19'	-22°39'	19°♋23' R	+00°07'	19°♈33'	-22°00'	03°♁11'	+09°03'	25°♁28'	+00°28'
1 Jan 2029	13°♈58' D	-22°42'	12°♋59'	-02°29'	23°♈55'	-21°19'	02°♁53'	+09°02'	25°♁19'	+00°29'
1 Feb 2029	13°♈44' R	-22°43'	14°♋16'	-01°59'	28°♈16'	-20°30'	02°♁43'	+09°04'	25°♁21' D	+00°33'
1 Mar 2029	12°♈15'	-22°52'	27°♋22'	+03°27'	02°≈13'	-19°39'	02°♁43' D	+09°08'	25°♁31'	+00°40'
1 Apr 2029	08°♈54'	-23°08'	07°♁53'	+07°43'	06°≈35'	-18°37'	02°♁55'	+09°14'	25°♁48'	+00°49'
1 May 2029	06°♈04'	-23°17'	19°♁21'	+12°10'	10°≈48'	-17°31'	03°♁15'	+09°20'	26°♁08'	+00°57'
1 Jun 2029	04°♈51' D	-23°20'	24°♁29'	+14°04'	15°≈10'	-16°16'	03°♁40'	+09°26'	26°♁26'	+01°03'
1 Jul 2029	04°♈40' R	-23°21'	28°♁15'	+15°22'	19°≈24'	-14°59'	04°♁03'	+09°28'	26°♁37'	+01°05'
1 Aug 2029	04°♈06'	-23°22'	28°♁33'	+15°22'	23°≈46'	-13°35'	04°♁21'	+09°28'	26°♁39' R	+01°04'
1 Sep 2029	02°♈11' D	-23°25'	02°♁25'	+16°25'	28°≈08'	-12°07'	04°♁28'	+09°25'	26°♁31'	+00°59'
1 Oct 2029	29°♈15' R	-23°25'	11°♁16'	+18°46'	02°♋21'	-10°37'	04°♁24' R	+09°20'	26°♁16'	+00°53'
1 Nov 2029	26°♈40'	-23°23'	21°♁29'	+20°59'	06°♋43'	-09°02'	04°♁10'	+09°15'	25°♁58'	+00°48'
1 Dec 2029	25°♈36'	-23°21'	03°♁08'	+22°45'	10°♋57'	-07°27'	03°♁51'	+09°11'	25°♁42'	+00°45'
1 Jan 2030	25°♈30' D	-23°21'	08°♁35'	+23°15'	15°♋19'	-05°47'	03°♁33'	+09°10'	25°♁33'	+00°45'
1 Feb 2030	24°♈40' R	-23°19'	07°♁05' D	+23°01'	19°♋40'	-04°05'	03°♁23'	+09°12'	25°♁35' D	+00°50'
1 Mar 2030	22°♈19'	-23°12'	19°♁34'	+20°14'	23°♋37'	-02°31'	03°♁23' D	+09°16'	25°♁44'	+00°56'
1 Apr 2030	18°♈51'	-22°58'	18°♁06'	+19°42'	27°♋59'	-00°47'	03°♁34'	+09°22'	26°♁02'	+01°05'
1 May 2030	16°♈45'	-22°46'	21°♁42'	+20°18'	02°♁12'	+00°52'	03°♁54'	+09°28'	26°♁21'	+01°13'
1 Jun 2030	16°♈19'	-22°43'	01°♁44'	+21°48'	06°♁34'	+02°36'	04°♁19'	+09°34'	26°♁39'	+01°19'
1 Jul 2030	16°♈18'	-22°43'	06°♁29'	+22°16'	10°♁48'	+04°16'	04°♁43'	+09°36'	26°♁50'	+01°21'
1 Aug 2030	14°♈56'	-22°35'	07°♁46'	+22°13'	15°♁10'	+05°58'	05°♁00'	+09°36'	26°♁53' R	+01°20'
1 Sep 2030	11°♈57'	-22°13'	00°♁07'	+21°10'	19°♁32'	+07°38'	05°♁08'	+09°33'	26°♁45'	+01°15'
1 Oct 2030	09°♈06'	-21°48'	20°♁19' R	+19°24'	23°♁45'	+09°13'	05°♁04' R	+09°29'	26°♁30'	+01°10'
1 Nov 2030	07°♈37' D	-21°34'	20°♁46'	+19°24'	28°♁07'	+10°48'	04°♁50'	+09°23'	26°♁12'	+01°04'
1 Dec 2030	07°♈18' R	-21°31'	00°♁44'	+20°53'	02°♁21'	+12°17'	04°♁32'	+09°20'	25°♁56'	+01°01'
1 Jan 2031	06°♈51' D	-21°27'	12°♁39' D	+21°47'	06°♁43'	+13°45'	04°♁13'	+09°18'	25°♁47'	+01°01'
1 Feb 2031	04°♈59'	-21°07'	23°♁17'	+21°39'	11°♁04'	+15°09'	04°♁02'	+09°20'	25°♁48' D	+01°06'
1 Mar 2031	01°♈54' R	-20°32'	01°♁00' R	+20°58'	15°♁01'	+16°20'	04°♁02' D	+09°24'	25°♁58'	+01°12'
1 Apr 2031	29°♁19'	-20°00'	03°♁35'	+20°28'	19°♁23'	+17°34'	04°♁14'	+09°30'	26°♁15'	+01°21'
1 May 2031	28°♁15'	-19°46'	07°♁38'	+19°52'	23°♁36'	+18°40'	04°♁33'	+09°36'	26°♁35'	+01°29'
1 Jun 2031	28°♁05' D	-19°43'	12°♁15'	+19°12'	27°♁58'	+19°42'	04°♁59'	+09°42'	26°♁53'	+01°35'
1 Jul 2031	27°♁26'	-19°35'	21°♁52'	+17°29'	02°♁12'	+20°35'	05°♁22'	+09°44'	27°♁04'	+01°37'
1 Aug 2031	25°♁15' R	-19°04'	00°♁24'	+15°35'	06°♁34'	+21°24'	05°♁40'	+09°44'	27°♁06' R	+01°36'
1 Sep 2031	21°♁54'	-18°14'	08°♁33'	+13°23'	10°♁56'	+22°04'	05°♁48'	+09°41'	26°♁59'	+01°32'
1 Oct 2031	19°♁34'	-17°37'	13°♁45'	+11°46'	15°♁09'	+22°36'	05°♁45' R	+09°37'	26°♁44'	+01°26'
1 Nov 2031	18°♁57' D	-17°27'	09°♁49'	+12°45'	19°♁31'	+23°01'	05°♁31'	+09°32'	26°♁26'	+01°20'
1 Dec 2031	18°♁55' R	-17°26'	07°♁03'	+13°32'	23°♁45'	+23°17'	05°♁12'	+09°28'	26°♁10'	+01°17'
1 Jan 2032	17°♁27'	-17°02'	11°♁35' D	+12°25'	28°♁06'	+23°25'	04°♁54'	+09°26'	26°♁01'	+01°17'
1 Feb 2032	14°♁12'	-16°05'	23°♁25'	+09°01'	02°♁28'	+23°24'	04°♁43'	+09°28'	26°♁02' D	+01°22'
1 Mar 2032	11°♁15'	-15°12'	29°♁09'	+07°13'	06°♁33'	+23°16'	04°♁42' D	+09°32'	26°♁12'	+01°28'
1 Apr 2032	09°♁50' D	-14°45'	06°♁47'	+04°40'	10°♁55'	+22°59'	04°♁54'	+09°38'	26°♁30'	+01°37'
1 May 2032	09°♁37' R	-14°41'	23°♁02'	+08°58'	15°♁09'	+22°34'	05°♁13'	+09°45'	26°♁49'	+01°45'
1 Jun 2032	09°♁15' D	-14°34'	03°♁04'	+14°25'	19°♁31'	+22°00'	05°♁39'	+09°50'	27°♁07'	+01°51'
1 Jul 2032	07°♁43'	-14°04'	00°♁05'	+15°11'	23°♁44'	+21°20'	06°♁02'	+09°52'	27°♁18'	+01°53'
1 Aug 2032	04°♁56' R	-13°09'	10°♁46'	+12°42'	28°♁06'	+20°32'	06°♁20'	+09°52'	27°♁20' R	+01°52'
1 Sep 2032	02°♁01'	-12°10'	23°♁27'	+09°12'	02°♁28'	+19°36'	06°♁28'	+09°49'	27°♁13'	+01°48'
1 Oct 2032	00°♁39'	-11°41'	01°♁01'	+06°52'	06°♁42'	+18°35'	06°♁25' R	+09°45'	26°♁58'	+01°42'
1 Nov 2032	00°♁32' D	-11°39'	02°♁36' R	+06°21'	11°♁03'	+17°26'	06°♁11'	+09°39'	26°♁40'	+01°37'
1 Dec 2032	00°♁03' R	-11°29'	28°♁22'	+07°45'	15°♁17'	+16°14'	05°♁53'	+09°36'	26°♁24'	+01°34'
1 Jan 2033	27°♁34'	-10°36'	26°♁07'	+08°38'	19°♁39'	+14°55'	05°♁34'	+09°34'	26°♁15'	+01°34'
1 Feb 2033	23°♁56'	-09°17'	02°♁28'	+06°54'	24°♁01'	+13°30'	05°♁23'	+09°36'	26°♁16' D	+01°38'

EST +05:00 Tropical Geocentric	True Node ♊ Long	True Node ♋ Decl	Black Moon ♌ Long	Black Moon ♍ Decl	Selena ♎ Long	Selena ♏ Decl	Sedna ♐ Long	Sedna ♑ Decl	Eris ♒ Long	Eris ♓ Decl
1 Mar 2033	21°♌51'	-08°30'	18°♎21'	+01°58'	27°♏57'	+12°10'	05°♐22' D	+09°40'	26°♑26'	+01°45'
1 Apr 2033	21°♌13' D	-08°16'	29°♎08'	-01°29'	02°♎19'	+10°38'	05°♐33'	+09°46'	26°♑43'	+01°53'
1 May 2033	21°♌09' R	-08°15'	09°♌16'	-04°40'	06°♎33'	+09°06'	05°♐53'	+09°52'	27°♑03'	+02°01'
1 Jun 2033	19°♌54'	-07°46'	11°♌08'	-05°07'	10°♎55'	+07°28'	06°♐18'	+09°57'	27°♑21'	+02°07'
1 Jul 2033	17°♌15'	-06°46'	11°♌43'	-05°05'	15°♎08'	+05°51'	06°♐42'	+10°00'	27°♑32'	+02°10'
1 Aug 2033	14°♌21' D	-05°39'	12°♌04'	-04°57'	19°♎30'	+04°09'	07°♐00'	+10°00'	27°♑34' R	+02°09'
1 Sep 2033	12°♌42'	-05°01'	18°♌59'	-06°54'	23°♎52'	+02°25'	07°♐09'	+09°57'	27°♑27'	+02°05'
1 Oct 2033	12°♌16'	-04°51'	00°♎01' D	-09°57'	28°♎05'	+00°45'	07°♐06' R	+09°53'	27°♑12'	+01°59'
1 Nov 2033	11°♌58'	-04°43'	11°♎47' R	-12°52'	02°♌27'	-00°58'	06°♐52'	+09°48'	26°♑54'	+01°53'
1 Dec 2033	10°♌29'	-04°09'	21°♎24'	-14°52'	06°♌41'	-02°39'	06°♐34'	+09°44'	26°♑38'	+01°50'
1 Jan 2034	07°♌29' R	-02°58'	20°♎04'	-14°28'	11°♌03'	-04°22'	06°♐15'	+09°42'	26°♑29'	+01°50'
1 Feb 2034	04°♌22'	-01°44'	09°♎59' D	-11°58'	15°♌25'	-06°04'	06°♐03'	+09°44'	26°♑30' D	+01°54'
1 Mar 2034	03°♌12'	-01°16'	18°♌26'	-05°57'	19°♌21'	-07°34'	06°♐03' D	+09°48'	26°♑39'	+02°01'
1 Apr 2034	03°♌04' D	-01°13'	26°♌14'	-08°10'	23°♌43'	-09°12'	06°♐13'	+09°54'	26°♑57'	+02°09'
1 May 2034	02°♌40' R	-01°03'	03°♎56'	-10°17'	27°♌57'	-10°44'	06°♐33'	+10°00'	27°♑17'	+02°17'
1 Jun 2034	00°♌31'	-00°12'	13°♎06'	-12°30'	02°♎19'	-12°16'	06°♐58'	+10°05'	27°♑35'	+02°23'
1 Jul 2034	27°♎18'	+01°04'	13°♎53'	-12°31'	06°♎32'	-13°41'	07°♐22'	+10°08'	27°♑46'	+02°26'
1 Aug 2034	24°♎42'	+02°06'	08°♎44'	-11°01'	10°♎54'	-15°05'	07°♐41'	+10°08'	27°♑48' R	+02°25'
1 Sep 2034	23°♎58' D	+02°23'	02°♎33' R	-09°15'	15°♎16'	-16°24'	07°♐50'	+10°05'	27°♑41'	+02°21'
1 Oct 2034	23°♎56' R	+02°24'	03°♎33'	-09°31'	19°♎29'	-17°36'	07°♐47' R	+10°01'	27°♑27'	+02°15'
1 Nov 2034	22°♎56'	+02°48'	09°♎40'	-11°08'	23°♎51'	-18°44'	07°♐34'	+09°56'	27°♑08'	+02°10'
1 Dec 2034	20°♎21'	+03°49'	21°♎18'	-13°49'	28°♎05'	-19°43'	07°♐15'	+09°52'	26°♑52'	+02°06'
1 Jan 2035	17°♎11' D	+05°03'	01°♌25'	-15°39'	02°♌27'	-20°38'	06°♐56'	+09°51'	26°♑43'	+02°06'
1 Feb 2035	15°♎10' R	+05°50'	09°♌06'	-16°41'	06°♌49'	-21°26'	06°♐44'	+09°52'	26°♑44' D	+02°10'
1 Mar 2035	14°♎37' D	+06°03'	16°♌06'	-17°27'	10°♌45'	-22°03'	06°♐43' D	+09°56'	26°♑53'	+02°17'
1 Apr 2035	14°♎17'	+06°11'	18°♌41'	-17°45'	15°♌07'	-22°36'	06°♐53'	+10°02'	27°♑11'	+02°25'
1 May 2035	12°♎48'	+06°45'	24°♌57'	-18°20'	19°♌21'	-23°00'	07°♐13'	+10°08'	27°♑30'	+02°33'
1 Jun 2035	10°♎03' R	+07°47'	02°♌26'	-18°45'	23°♌43'	-23°17'	07°♐38'	+10°13'	27°♑48'	+02°39'
1 Jul 2035	07°♎16'	+08°50'	12°♌43'	-18°41'	27°♌56'	-23°25'	08°♐02'	+10°16'	28°♑00'	+02°42'
1 Aug 2035	05°♎41'	+09°25'	19°♌53'	-18°15'	02°♌18'	-23°24'	08°♐21'	+10°16'	28°♑02' R	+02°41'
1 Sep 2035	05°♎28' D	+09°29'	24°♌27'	-17°48'	06°♌40'	-23°15'	08°♐30'	+10°13'	27°♑55'	+02°37'
1 Oct 2035	05°♎14' R	+09°35'	23°♌37'	-17°57'	10°♌53'	-22°59'	08°♐28' R	+10°09'	27°♑41'	+02°32'
1 Nov 2035	03°♎12'	+10°19'	17°♌35'	-18°42'	15°♌15'	-22°33'	08°♐15'	+10°04'	27°♑22'	+02°26'
1 Dec 2035	29°♏47'	+11°32'	16°♌33' D	-19°00'	19°♌29'	-22°01'	07°♐57'	+10°00'	27°♑06'	+02°23'