

## Planetary Declinations 1940-2015

EST +05:00 Tropical Geocentric Decl

	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 1940	-23°05'	-22°59'	-19°48'	-01°04'	-00°43'	+07°05'	+16°58'	+02°53'	+23°22'	+14°55'
Jan 8 1940	-22°23'	-24°00'	-17°20'	+00°57'	-00°20'	+07°10'	+16°56'	+02°54'	+23°25'	+14°58'
Jan 15 1940	-21°19'	-24°02'	-14°28'	+02°58'	+00°05'	+07°16'	+16°54'	+02°56'	+23°28'	+15°01'
Jan 22 1940	-19°56'	-22°57'	-11°17'	+04°58'	+00°33'	+07°23'	+16°54'	+02°58'	+23°31'	+15°05'
Jan 29 1940	-18°14'	-20°41'	-07°52'	+06°55'	+01°04'	+07°33'	+16°54'	+03°01'	+23°33'	+15°10'
Feb 5 1940	-16°16'	-17°11'	-04°18'	+08°49'	+01°36'	+07°44'	+16°54'	+03°04'	+23°36'	+15°14'
Feb 12 1940	-14°04'	-12°29'	-00°39'	+10°40'	+02°10'	+07°57'	+16°56'	+03°08'	+23°38'	+15°19'
Feb 19 1940	-11°40'	-06°53'	+03°01'	+12°26'	+02°45'	+08°11'	+16°58'	+03°12'	+23°40'	+15°24'
Feb 26 1940	-09°08'	-01°20'	+06°38'	+14°07'	+03°22'	+08°26'	+17°01'	+03°16'	+23°42'	+15°29'
Mar 4 1940	-06°29'	+02°24'	+10°09'	+15°43'	+03°59'	+08°42'	+17°04'	+03°21'	+23°44'	+15°34'
Mar 11 1940	-03°46'	+02°42'	+13°28'	+17°12'	+04°37'	+08°59'	+17°08'	+03°26'	+23°45'	+15°38'
Mar 18 1940	-01°00'	-00°11'	+16°33'	+18°35'	+05°15'	+09°16'	+17°13'	+03°30'	+23°46'	+15°43'
Mar 25 1940	+01°45'	-03°33'	+19°20'	+19°49'	+05°54'	+09°34'	+17°18'	+03°35'	+23°47'	+15°47'
Apr 1 1940	+04°28'	-05°15'	+21°45'	+20°56'	+06°33'	+09°52'	+17°23'	+03°39'	+23°47'	+15°50'
Apr 8 1940	+07°08'	-05°00'	+23°45'	+21°55'	+07°11'	+10°11'	+17°29'	+03°44'	+23°47'	+15°53'
Apr 15 1940	+09°42'	-03°07'	+25°20'	+22°45'	+07°49'	+10°29'	+17°35'	+03°47'	+23°47'	+15°56'
Apr 22 1940	+12°08'	+00°02'	+26°27'	+23°25'	+08°26'	+10°48'	+17°41'	+03°51'	+23°47'	+15°58'
Apr 29 1940	+14°24'	+04°12'	+27°06'	+23°57'	+09°03'	+11°06'	+17°48'	+03°54'	+23°46'	+15°59'
May 6 1940	+16°29'	+09°06'	+27°19'	+24°18'	+09°38'	+11°23'	+17°54'	+03°56'	+23°45'	+15°59'
May 13 1940	+18°20'	+14°26'	+27°09'	+24°30'	+10°13'	+11°40'	+18°00'	+03°58'	+23°44'	+15°59'
May 20 1940	+19°56'	+19°34'	+26°39'	+24°33'	+10°46'	+11°57'	+18°07'	+04°00'	+23°42'	+15°58'
May 27 1940	+21°16'	+23°29'	+25°53'	+24°26'	+11°18'	+12°12'	+18°13'	+04°00'	+23°41'	+15°56'
Jun 3 1940	+22°17'	+25°20'	+24°55'	+24°09'	+11°49'	+12°27'	+18°19'	+04°01'	+23°39'	+15°53'
Jun 10 1940	+23°00'	+25°10'	+23°47'	+23°43'	+12°17'	+12°41'	+18°25'	+04°00'	+23°37'	+15°50'
Jun 17 1940	+23°22'	+23°33'	+22°31'	+23°09'	+12°44'	+12°54'	+18°30'	+03°59'	+23°35'	+15°46'
Jun 24 1940	+23°25'	+21°08'	+21°07'	+22°26'	+13°10'	+13°06'	+18°35'	+03°57'	+23°32'	+15°41'
Jul 1 1940	+23°07'	+18°33'	+19°45'	+21°35'	+13°33'	+13°17'	+18°40'	+03°55'	+23°30'	+15°35'
Jul 8 1940	+22°30'	+16°22'	+18°38'	+20°37'	+13°54'	+13°26'	+18°44'	+03°52'	+23°28'	+15°29'
Jul 15 1940	+21°33'	+15°13'	+17°58'	+19°32'	+14°13'	+13°34'	+18°48'	+03°48'	+23°25'	+15°21'
Jul 22 1940	+20°19'	+15°27'	+17°46'	+18°20'	+14°29'	+13°41'	+18°52'	+03°44'	+23°23'	+15°14'
Jul 29 1940	+18°48'	+16°48'	+17°54'	+17°02'	+14°44'	+13°46'	+18°55'	+03°40'	+23°21'	+15°05'
Aug 5 1940	+17°01'	+18°23'	+18°12'	+15°38'	+14°55'	+13°50'	+18°57'	+03°35'	+23°19'	+14°56'
Aug 12 1940	+15°01'	+19°12'	+18°32'	+14°10'	+15°05'	+13°53'	+18°59'	+03°30'	+23°16'	+14°47'
Aug 19 1940	+12°50'	+18°16'	+18°45'	+12°37'	+15°11'	+13°54'	+19°00'	+03°25'	+23°14'	+14°37'
Aug 26 1940	+10°28'	+15°09'	+18°45'	+11°01'	+15°15'	+13°53'	+19°01'	+03°19'	+23°13'	+14°27'
Sep 2 1940	+07°59'	+10°26'	+18°27'	+09°21'	+15°16'	+13°51'	+19°01'	+03°13'	+23°11'	+14°17'
Sep 9 1940	+05°23'	+05°02'	+17°48'	+07°38'	+15°14'	+13°47'	+19°01'	+03°07'	+23°10'	+14°07'
Sep 16 1940	+02°42'	-00°27'	+16°46'	+05°52'	+15°10'	+13°43'	+19°00'	+03°01'	+23°09'	+13°57'
Sep 23 1940	-00°00'	-05°43'	+15°21'	+04°05'	+15°03'	+13°36'	+18°58'	+02°54'	+23°08'	+13°47'
Sep 30 1940	-02°43'	-10°33'	+13°34'	+02°17'	+14°53'	+13°29'	+18°56'	+02°48'	+23°07'	+13°37'
Oct 7 1940	-05°26'	-14°51'	+11°25'	+00°28'	+14°41'	+13°21'	+18°54'	+02°42'	+23°07'	+13°28'
Oct 14 1940	-08°05'	-18°26'	+08°58'	-01°20'	+14°27'	+13°11'	+18°51'	+02°37'	+23°07'	+13°19'
Oct 21 1940	-10°38'	-21°05'	+06°15'	-03°09'	+14°11'	+13°02'	+18°47'	+02°31'	+23°07'	+13°11'
Oct 28 1940	-13°04'	-22°26'	+03°19'	-04°58'	+13°55'	+12°52'	+18°44'	+02°26'	+23°08'	+13°03'

Nov 4 1940	-15°19'	-21°42'	+00°15'	-06°44'	+13°37'	+12°41'	+18°40'	+02°21'	+23°09'	+12°57'
Nov 11 1940	-17°23'	-18°01'	-02°52'	-08°29'	+13°21'	+12°31'	+18°36'	+02°17'	+23°10'	+12°51'
Nov 18 1940	-19°11'	-13°54'	-06°01'	-10°11'	+13°04'	+12°22'	+18°31'	+02°13'	+23°12'	+12°47'
Nov 25 1940	-20°43'	-13°28'	-09°07'	-11°50'	+12°50'	+12°13'	+18°27'	+02°10'	+23°14'	+12°44'
Dec 2 1940	-21°56'	-15°45'	-12°05'	-13°26'	+12°38'	+12°06'	+18°23'	+02°08'	+23°16'	+12°42'
Dec 9 1940	-22°48'	-18°45'	-14°50'	-14°56'	+12°28'	+11°59'	+18°19'	+02°06'	+23°18'	+12°41'
Dec 16 1940	-23°18'	-21°28'	-17°17'	-16°22'	+12°21'	+11°54'	+18°15'	+02°04'	+23°21'	+12°41'
Dec 23 1940	-23°26'	-23°28'	-19°23'	-17°42'	+12°18'	+11°51'	+18°12'	+02°04'	+23°24'	+12°43'
Dec 30 1940	-23°10'	-24°32'	-21°04'	-18°55'	+12°18'	+11°49'	+18°09'	+02°04'	+23°26'	+12°46'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 1941	-22°32'	-24°31'	-22°14'	-20°01'	+12°21'	+11°50'	+18°07'	+02°04'	+23°29'	+12°49'
Jan 13 1941	-21°32'	-23°20'	-22°53'	-20°59'	+12°27'	+11°52'	+18°05'	+02°06'	+23°32'	+12°54'
Jan 20 1941	-20°12'	-20°54'	-22°58'	-21°50'	+12°37'	+11°55'	+18°04'	+02°08'	+23°35'	+13°00'
Jan 27 1941	-18°33'	-17°12'	-22°28'	-22°31'	+12°50'	+12°01'	+18°04'	+02°10'	+23°38'	+13°06'
Feb 3 1941	-16°38'	-12°28'	-21°25'	-23°03'	+13°05'	+12°08'	+18°04'	+02°13'	+23°40'	+13°13'
Feb 10 1941	-14°28'	-07°33'	-19°51'	-23°25'	+13°23'	+12°17'	+18°05'	+02°17'	+23°43'	+13°20'
Feb 17 1941	-12°07'	-04°15'	-17°48'	-23°38'	+13°43'	+12°27'	+18°06'	+02°21'	+23°45'	+13°27'
Feb 24 1941	-09°36'	-04°28'	-15°20'	-23°40'	+14°05'	+12°38'	+18°08'	+02°25'	+23°47'	+13°34'
Mar 3 1941	-06°58'	-07°26'	-12°31'	-23°32'	+14°28'	+12°51'	+18°11'	+02°29'	+23°49'	+13°41'
Mar 10 1941	-04°15'	-10°10'	-09°26'	-23°14'	+14°52'	+13°04'	+18°14'	+02°34'	+23°50'	+13°48'
Mar 17 1941	-01°30'	-11°12'	-06°09'	-22°47'	+15°17'	+13°18'	+18°18'	+02°39'	+23°51'	+13°54'
Mar 24 1941	+01°15'	-10°33'	-02°43'	-22°09'	+15°43'	+13°33'	+18°23'	+02°43'	+23°52'	+13°59'
Mar 31 1941	+03°59'	-08°31'	+00°46'	-21°23'	+16°09'	+13°48'	+18°27'	+02°48'	+23°53'	+14°04'
Apr 7 1941	+06°40'	-05°18'	+04°15'	-20°28'	+16°35'	+14°04'	+18°32'	+02°52'	+23°53'	+14°08'
Apr 14 1941	+09°15'	-01°05'	+07°40'	-19°25'	+17°01'	+14°19'	+18°38'	+02°56'	+23°53'	+14°12'
Apr 21 1941	+11°43'	+03°58'	+10°57'	-18°15'	+17°27'	+14°35'	+18°43'	+03°00'	+23°52'	+14°14'
Apr 28 1941	+14°01'	+09°40'	+14°01'	-16°59'	+17°53'	+14°51'	+18°49'	+03°03'	+23°52'	+14°15'
May 5 1941	+16°08'	+15°32'	+16°49'	-15°37'	+18°17'	+15°06'	+18°55'	+03°06'	+23°51'	+14°15'
May 12 1941	+18°01'	+20°42'	+19°15'	-14°11'	+18°41'	+15°21'	+19°00'	+03°08'	+23°49'	+14°15'
May 19 1941	+19°40'	+24°10'	+21°16'	-12°41'	+19°04'	+15°36'	+19°06'	+03°10'	+23°48'	+14°13'
May 26 1941	+21°03'	+25°35'	+22°49'	-11°08'	+19°26'	+15°50'	+19°12'	+03°11'	+23°46'	+14°10'
Jun 2 1941	+22°08'	+25°18'	+23°49'	-09°34'	+19°47'	+16°04'	+19°18'	+03°11'	+23°44'	+14°06'
Jun 9 1941	+22°54'	+23°56'	+24°16'	-07°59'	+20°06'	+16°17'	+19°23'	+03°11'	+23°42'	+14°01'
Jun 16 1941	+23°20'	+22°02'	+24°07'	-06°25'	+20°25'	+16°29'	+19°28'	+03°10'	+23°40'	+13°55'
Jun 23 1941	+23°26'	+20°09'	+23°24'	-04°53'	+20°42'	+16°41'	+19°33'	+03°09'	+23°38'	+13°48'
Jun 30 1941	+23°12'	+18°48'	+22°07'	-03°23'	+20°57'	+16°51'	+19°38'	+03°07'	+23°35'	+13°41'
Jul 7 1941	+22°38'	+18°22'	+20°20'	-01°58'	+21°11'	+17°01'	+19°42'	+03°04'	+23°33'	+13°32'
Jul 14 1941	+21°45'	+18°59'	+18°04'	-00°37'	+21°24'	+17°09'	+19°46'	+03°01'	+23°30'	+13°22'
Jul 21 1941	+20°33'	+20°13'	+15°25'	+00°36'	+21°36'	+17°17'	+19°49'	+02°57'	+23°28'	+13°12'
Jul 28 1941	+19°05'	+21°19'	+12°27'	+01°44'	+21°46'	+17°23'	+19°52'	+02°53'	+23°25'	+13°01'
Aug 4 1941	+17°21'	+21°13'	+09°12'	+02°43'	+21°55'	+17°28'	+19°55'	+02°48'	+23°23'	+12°49'
Aug 11 1941	+15°24'	+19°08'	+05°47'	+03°32'	+22°02'	+17°33'	+19°57'	+02°43'	+23°21'	+12°36'
Aug 18 1941	+13°14'	+15°11'	+02°13'	+04°12'	+22°09'	+17°36'	+19°59'	+02°38'	+23°19'	+12°23'
Aug 25 1941	+10°54'	+10°08'	-01°22'	+04°40'	+22°14'	+17°38'	+20°00'	+02°32'	+23°17'	+12°10'
Sep 1 1941	+08°26'	+04°45'	-04°59'	+04°56'	+22°18'	+17°38'	+20°00'	+02°26'	+23°15'	+11°57'
Sep 8 1941	+05°51'	-00°34'	-08°31'	+05°01'	+22°22'	+17°38'	+20°00'	+02°20'	+23°13'	+11°43'
Sep 15 1941	+03°11'	-05°36'	-11°55'	+04°54'	+22°24'	+17°37'	+20°00'	+02°14'	+23°12'	+11°29'

Sep 22 1941	+00°28'	-10°10'	-15°06'	+04°37'	+22°26'	+17°34'	+19°59'	+02°08'	+23°11'	+11°16'
Sep 29 1941	-02°14'	-14°05'	-18°02'	+04°13'	+22°27'	+17°31'	+19°58'	+02°02'	+23°10'	+11°02'
Oct 6 1941	-04°57'	-17°03'	-20°37'	+03°46'	+22°28'	+17°26'	+19°56'	+01°56'	+23°10'	+10°49'
Oct 13 1941	-07°37'	-18°34'	-22°48'	+03°20'	+22°28'	+17°20'	+19°53'	+01°50'	+23°10'	+10°37'
Oct 20 1941	-10°11'	-17°36'	-24°31'	+03°01'	+22°27'	+17°14'	+19°51'	+01°44'	+23°10'	+10°25'
Oct 27 1941	-12°38'	-13°20'	-25°44'	+02°52'	+22°26'	+17°07'	+19°47'	+01°39'	+23°11'	+10°14'
Nov 3 1941	-14°56'	-09°01'	-26°24'	+02°56'	+22°24'	+17°00'	+19°44'	+01°34'	+23°12'	+10°05'
Nov 10 1941	-17°02'	-08°50'	-26°32'	+03°14'	+22°22'	+16°52'	+19°40'	+01°30'	+23°13'	+09°56'
Nov 17 1941	-18°53'	-11°38'	-26°07'	+03°44'	+22°19'	+16°44'	+19°37'	+01°26'	+23°15'	+09°49'
Nov 24 1941	-20°28'	-15°20'	-25°13'	+04°25'	+22°15'	+16°37'	+19°33'	+01°22'	+23°16'	+09°43'
Dec 1 1941	-21°44'	-18°53'	-23°51'	+05°17'	+22°11'	+16°30'	+19°29'	+01°19'	+23°19'	+09°38'
Dec 8 1941	-22°40'	-21°48'	-22°08'	+06°17'	+22°06'	+16°23'	+19°25'	+01°17'	+23°21'	+09°35'
Dec 15 1941	-23°15'	-23°53'	-20°08'	+07°23'	+22°01'	+16°17'	+19°22'	+01°15'	+23°24'	+09°34'
Dec 22 1941	-23°26'	-24°58'	-17°57'	+08°34'	+21°56'	+16°12'	+19°19'	+01°14'	+23°26'	+09°35'
Dec 29 1941	-23°15'	-24°55'	-15°44'	+09°49'	+21°52'	+16°08'	+19°16'	+01°14'	+23°29'	+09°37'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 1942	-22°41'	-23°38'	-13°37'	+11°07'	+21°48'	+16°06'	+19°13'	+01°14'	+23°32'	+09°41'
Jan 12 1942	-21°44'	-21°05'	-11°46'	+12°26'	+21°44'	+16°05'	+19°11'	+01°16'	+23°35'	+09°46'
Jan 19 1942	-20°28'	-17°25'	-10°22'	+13°45'	+21°42'	+16°05'	+19°10'	+01°17'	+23°38'	+09°52'
Jan 26 1942	-18°52'	-13°20'	-09°36'	+15°03'	+21°41'	+16°07'	+19°09'	+01°19'	+23°41'	+10°00'
Feb 2 1942	-16°59'	-10°33'	-09°32'	+16°19'	+21°41'	+16°10'	+19°09'	+01°22'	+23°44'	+10°08'
Feb 9 1942	-14°52'	-10°56'	-10°02'	+17°33'	+21°42'	+16°15'	+19°09'	+01°26'	+23°47'	+10°18'
Feb 16 1942	-12°33'	-13°24'	-10°52'	+18°43'	+21°45'	+16°21'	+19°10'	+01°29'	+23°49'	+10°27'
Feb 23 1942	-10°03'	-15°23'	-11°43'	+19°49'	+21°49'	+16°28'	+19°11'	+01°33'	+23°51'	+10°37'
Mar 2 1942	-07°26'	-16°00'	-12°24'	+20°50'	+21°54'	+16°36'	+19°13'	+01°38'	+23°53'	+10°47'
Mar 9 1942	-04°44'	-15°17'	-12°46'	+21°46'	+22°01'	+16°46'	+19°16'	+01°42'	+23°55'	+10°56'
Mar 16 1942	-01°59'	-13°22'	-12°45'	+22°35'	+22°07'	+16°56'	+19°19'	+01°47'	+23°56'	+11°05'
Mar 23 1942	+00°46'	-10°20'	-12°19'	+23°17'	+22°15'	+17°06'	+19°23'	+01°52'	+23°57'	+11°13'
Mar 30 1942	+03°30'	-06°18'	-11°28'	+23°52'	+22°22'	+17°18'	+19°27'	+01°56'	+23°57'	+11°21'
Apr 6 1942	+06°12'	-01°20'	-10°12'	+24°19'	+22°30'	+17°29'	+19°31'	+02°01'	+23°58'	+11°27'
Apr 13 1942	+08°48'	+04°25'	-08°33'	+24°39'	+22°38'	+17°41'	+19°36'	+02°05'	+23°58'	+11°32'
Apr 20 1942	+11°17'	+10°40'	-06°34'	+24°50'	+22°45'	+17°53'	+19°41'	+02°09'	+23°57'	+11°36'
Apr 27 1942	+13°37'	+16°43'	-04°19'	+24°52'	+22°52'	+18°05'	+19°46'	+02°12'	+23°56'	+11°39'
May 4 1942	+15°46'	+21°29'	-01°50'	+24°46'	+22°59'	+18°18'	+19°51'	+02°15'	+23°55'	+11°40'
May 11 1942	+17°42'	+24°18'	+00°49'	+24°32'	+23°04'	+18°29'	+19°56'	+02°18'	+23°54'	+11°40'
May 18 1942	+19°24'	+25°15'	+03°34'	+24°09'	+23°09'	+18°41'	+20°01'	+02°20'	+23°53'	+11°38'
May 25 1942	+20°50'	+24°46'	+06°22'	+23°38'	+23°13'	+18°52'	+20°06'	+02°21'	+23°51'	+11°35'
Jun 1 1942	+21°58'	+23°16'	+09°08'	+22°58'	+23°16'	+19°03'	+20°11'	+02°22'	+23°49'	+11°31'
Jun 8 1942	+22°47'	+21°13'	+11°49'	+22°11'	+23°17'	+19°13'	+20°16'	+02°22'	+23°47'	+11°26'
Jun 15 1942	+23°17'	+19°18'	+14°21'	+21°17'	+23°18'	+19°23'	+20°21'	+02°21'	+23°44'	+11°19'
Jun 22 1942	+23°26'	+18°21'	+16°39'	+20°16'	+23°17'	+19°32'	+20°26'	+02°20'	+23°42'	+11°10'
Jun 29 1942	+23°16'	+18°45'	+18°40'	+19°08'	+23°15'	+19°41'	+20°30'	+02°18'	+23°39'	+11°01'
Jul 6 1942	+22°45'	+20°10'	+20°20'	+17°53'	+23°12'	+19°49'	+20°34'	+02°16'	+23°37'	+10°50'
Jul 13 1942	+21°55'	+21°52'	+21°34'	+16°34'	+23°08'	+19°56'	+20°38'	+02°13'	+23°34'	+10°38'
Jul 20 1942	+20°47'	+22°51'	+22°22'	+15°08'	+23°03'	+20°02'	+20°41'	+02°10'	+23°31'	+10°26'
Jul 27 1942	+19°22'	+22°05'	+22°39'	+13°39'	+22°57'	+20°08'	+20°44'	+02°06'	+23°29'	+10°12'
Aug 3 1942	+17°41'	+19°15'	+22°25'	+12°04'	+22°50'	+20°13'	+20°47'	+02°01'	+23°26'	+09°57'

Aug 10 1942	+15°45'	+14°55'	+21°40'	+10°26'	+22°42'	+20°17'	+20°49'	+01°56'	+23°24'	+09°42'
Aug 17 1942	+13°38'	+09°53'	+20°24'	+08°45'	+22°34'	+20°20'	+20°51'	+01°51'	+23°22'	+09°26'
Aug 24 1942	+11°20'	+04°42'	+18°39'	+07°00'	+22°25'	+20°23'	+20°52'	+01°45'	+23°19'	+09°10'
Aug 31 1942	+08°53'	-00°20'	+16°28'	+05°14'	+22°16'	+20°24'	+20°53'	+01°40'	+23°18'	+08°53'
Sep 7 1942	+06°19'	-05°00'	+13°54'	+03°25'	+22°06'	+20°26'	+20°54'	+01°34'	+23°16'	+08°35'
Sep 14 1942	+03°39'	-09°02'	+11°01'	+01°35'	+21°57'	+20°26'	+20°54'	+01°28'	+23°14'	+08°18'
Sep 21 1942	+00°57'	-12°05'	+07°53'	-00°14'	+21°48'	+20°26'	+20°53'	+01°21'	+23°13'	+08°01'
Sep 28 1942	-01°45'	-13°30'	+04°34'	-02°05'	+21°40'	+20°25'	+20°52'	+01°15'	+23°12'	+07°43'
Oct 5 1942	-04°28'	-12°06'	+01°07'	-03°56'	+21°32'	+20°24'	+20°51'	+01°09'	+23°12'	+07°26'
Oct 12 1942	-07°09'	-07°31'	-02°21'	-05°46'	+21°25'	+20°21'	+20°49'	+01°03'	+23°12'	+07°10'
Oct 19 1942	-09°44'	-03°28'	-05°49'	-07°35'	+21°20'	+20°19'	+20°47'	+00°57'	+23°12'	+06°54'
Oct 26 1942	-12°13'	-03°36'	-09°12'	-09°21'	+21°16'	+20°16'	+20°44'	+00°52'	+23°12'	+06°39'
Nov 2 1942	-14°32'	-06°51'	-12°24'	-11°05'	+21°14'	+20°12'	+20°42'	+00°47'	+23°13'	+06°25'
Nov 9 1942	-16°40'	-11°09'	-15°22'	-12°45'	+21°13'	+20°08'	+20°39'	+00°42'	+23°15'	+06°12'
Nov 16 1942	-18°34'	-15°24'	-18°00'	-14°22'	+21°14'	+20°03'	+20°35'	+00°38'	+23°16'	+06°01'
Nov 23 1942	-20°12'	-19°09'	-20°15'	-15°53'	+21°17'	+19°59'	+20°32'	+00°34'	+23°18'	+05°51'
Nov 30 1942	-21°32'	-22°09'	-22°02'	-17°19'	+21°21'	+19°54'	+20°29'	+00°31'	+23°20'	+05°42'
Dec 7 1942	-22°32'	-24°15'	-23°17'	-18°38'	+21°28'	+19°49'	+20°25'	+00°28'	+23°23'	+05°36'
Dec 14 1942	-23°10'	-25°20'	-23°57'	-19°50'	+21°35'	+19°45'	+20°22'	+00°27'	+23°25'	+05°31'
Dec 21 1942	-23°26'	-25°15'	-24°02'	-20°54'	+21°44'	+19°41'	+20°19'	+00°25'	+23°28'	+05°29'
Dec 28 1942	-23°19'	-23°55'	-23°30'	-21°50'	+21°53'	+19°37'	+20°16'	+00°25'	+23°31'	+05°28'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 1943	-22°48'	-21°26'	-22°22'	-22°35'	+22°03'	+19°34'	+20°14'	+00°25'	+23°34'	+05°30'
Jan 11 1943	-21°56'	-18°18'	-20°42'	-23°11'	+22°12'	+19°32'	+20°12'	+00°25'	+23°37'	+05°33'
Jan 18 1943	-20°43'	-16°00'	-18°32'	-23°35'	+22°21'	+19°31'	+20°10'	+00°27'	+23°40'	+05°39'
Jan 25 1943	-19°10'	-16°05'	-15°56'	-23°49'	+22°30'	+19°31'	+20°09'	+00°29'	+23°43'	+05°46'
Feb 1 1943	-17°20'	-17°38'	-12°58'	-23°51'	+22°37'	+19°31'	+20°08'	+00°31'	+23°46'	+05°55'
Feb 8 1943	-15°16'	-18°58'	-09°44'	-23°41'	+22°43'	+19°33'	+20°08'	+00°34'	+23°49'	+06°05'
Feb 15 1943	-12°58'	-19°29'	-06°17'	-23°19'	+22°48'	+19°35'	+20°08'	+00°38'	+23°52'	+06°16'
Feb 22 1943	-10°30'	-19°00'	-02°43'	-22°46'	+22°52'	+19°39'	+20°09'	+00°42'	+23°54'	+06°28'
Mar 1 1943	-07°55'	-17°27'	+00°55'	-22°01'	+22°55'	+19°43'	+20°11'	+00°46'	+23°56'	+06°40'
Mar 8 1943	-05°13'	-14°51'	+04°33'	-21°05'	+22°57'	+19°48'	+20°13'	+00°50'	+23°58'	+06°53'
Mar 15 1943	-02°29'	-11°13'	+08°06'	-19°59'	+22°57'	+19°54'	+20°15'	+00°55'	+23°59'	+07°05'
Mar 22 1943	+00°16'	-06°35'	+11°30'	-18°43'	+22°56'	+20°01'	+20°18'	+01°00'	+24°00'	+07°17'
Mar 29 1943	+03°01'	-01°01'	+14°42'	-17°18'	+22°55'	+20°08'	+20°21'	+01°04'	+24°01'	+07°27'
Apr 5 1943	+05°44'	+05°17'	+17°36'	-15°45'	+22°52'	+20°15'	+20°25'	+01°09'	+24°01'	+07°37'
Apr 12 1943	+08°21'	+11°47'	+20°08'	-14°05'	+22°48'	+20°22'	+20°29'	+01°13'	+24°01'	+07°46'
Apr 19 1943	+10°51'	+17°28'	+22°16'	-12°19'	+22°42'	+20°30'	+20°33'	+01°17'	+24°01'	+07°53'
Apr 26 1943	+13°13'	+21°22'	+23°55'	-10°28'	+22°36'	+20°38'	+20°37'	+01°21'	+24°00'	+07°58'
May 3 1943	+15°24'	+23°13'	+25°02'	-08°32'	+22°29'	+20°46'	+20°42'	+01°24'	+23°59'	+08°02'
May 10 1943	+17°23'	+23°10'	+25°37'	-06°34'	+22°20'	+20°53'	+20°46'	+01°27'	+23°58'	+08°04'
May 17 1943	+19°07'	+21°30'	+25°38'	-04°33'	+22°10'	+21°01'	+20°51'	+01°29'	+23°56'	+08°05'
May 24 1943	+20°36'	+18°51'	+25°06'	-02°31'	+21°58'	+21°08'	+20°55'	+01°31'	+23°55'	+08°03'
May 31 1943	+21°47'	+16°30'	+24°03'	-00°30'	+21°46'	+21°15'	+21°00'	+01°32'	+23°53'	+08°00'
Jun 7 1943	+22°40'	+15°36'	+22°32'	+01°30'	+21°32'	+21°21'	+21°04'	+01°32'	+23°50'	+07°55'
Jun 14 1943	+23°13'	+16°22'	+20°37'	+03°28'	+21°17'	+21°27'	+21°09'	+01°32'	+23°48'	+07°49'
Jun 21 1943	+23°26'	+18°21'	+18°22'	+05°24'	+21°00'	+21°32'	+21°13'	+01°31'	+23°45'	+07°40'

Jun 28 1943	+23°19'	+20°51'	+15°50'	+07°15'	+20°43'	+21°37'	+21°17'	+01°30'	+23°43'	+07°30'
Jul 5 1943	+22°52'	+23°00'	+13°08'	+09°03'	+20°24'	+21°42'	+21°21'	+01°28'	+23°40'	+07°19'
Jul 12 1943	+22°06'	+23°45'	+10°20'	+10°44'	+20°04'	+21°46'	+21°24'	+01°25'	+23°37'	+07°06'
Jul 19 1943	+21°01'	+22°22'	+07°30'	+12°20'	+19°43'	+21°49'	+21°27'	+01°22'	+23°34'	+06°52'
Jul 26 1943	+19°38'	+19°06'	+04°46'	+13°49'	+19°21'	+21°52'	+21°30'	+01°18'	+23°32'	+06°37'
Aug 2 1943	+18°00'	+14°44'	+02°14'	+15°11'	+18°59'	+21°55'	+21°33'	+01°14'	+23°29'	+06°21'
Aug 9 1943	+16°07'	+09°55'	+00°04'	+16°26'	+18°35'	+21°57'	+21°35'	+01°09'	+23°26'	+06°03'
Aug 16 1943	+14°01'	+05°04'	-01°32'	+17°33'	+18°12'	+21°58'	+21°37'	+01°04'	+23°24'	+05°45'
Aug 23 1943	+11°45'	+00°29'	-02°22'	+18°33'	+17°47'	+21°59'	+21°38'	+00°58'	+23°22'	+05°26'
Aug 30 1943	+09°19'	-03°28'	-02°14'	+19°26'	+17°23'	+22°00'	+21°39'	+00°53'	+23°19'	+05°07'
Sep 6 1943	+06°46'	-06°22'	-01°07'	+20°11'	+16°58'	+22°01'	+21°40'	+00°47'	+23°18'	+04°47'
Sep 13 1943	+04°08'	-07°27'	+00°38'	+20°50'	+16°34'	+22°01'	+21°40'	+00°41'	+23°16'	+04°26'
Sep 20 1943	+01°26'	-05°36'	+02°32'	+21°23'	+16°10'	+22°01'	+21°40'	+00°35'	+23°15'	+04°06'
Sep 27 1943	-01°16'	-01°06'	+04°04'	+21°52'	+15°46'	+22°01'	+21°40'	+00°28'	+23°14'	+03°45'
Oct 4 1943	-04°00'	+02°20'	+05°02'	+22°17'	+15°23'	+22°00'	+21°39'	+00°22'	+23°13'	+03°24'
Oct 11 1943	-06°41'	+01°52'	+05°21'	+22°39'	+15°01'	+22°00'	+21°38'	+00°16'	+23°13'	+03°04'
Oct 18 1943	-09°17'	-01°38'	+05°03'	+22°59'	+14°41'	+21°59'	+21°36'	+00°10'	+23°13'	+02°44'
Oct 25 1943	-11°47'	-06°22'	+04°11'	+23°18'	+14°22'	+21°59'	+21°34'	+00°05'	+23°13'	+02°25'
Nov 1 1943	-14°08'	-11°12'	+02°49'	+23°37'	+14°05'	+21°58'	+21°32'	+00°00'	+23°14'	+02°07'
Nov 8 1943	-16°19'	-15°38'	+01°03'	+23°54'	+13°51'	+21°57'	+21°30'	-00°04'	+23°15'	+01°50'
Nov 15 1943	-18°15'	-19°26'	-01°02'	+24°09'	+13°38'	+21°56'	+21°27'	-00°09'	+23°17'	+01°34'
Nov 22 1943	-19°56'	-22°27'	-03°22'	+24°20'	+13°29'	+21°56'	+21°24'	-00°13'	+23°18'	+01°19'
Nov 29 1943	-21°19'	-24°33'	-05°52'	+24°25'	+13°22'	+21°55'	+21°21'	-00°16'	+23°21'	+01°06'
Dec 6 1943	-22°23'	-25°37'	-08°27'	+24°23'	+13°19'	+21°53'	+21°18'	-00°19'	+23°23'	+00°55'
Dec 13 1943	-23°05'	-25°31'	-11°01'	+24°16'	+13°18'	+21°52'	+21°16'	-00°21'	+23°26'	+00°45'
Dec 20 1943	-23°25'	-24°15'	-13°30'	+24°06'	+13°21'	+21°51'	+21°13'	-00°23'	+23°29'	+00°38'
Dec 27 1943	-23°22'	-22°08'	-15°48'	+23°56'	+13°27'	+21°50'	+21°10'	-00°24'	+23°32'	+00°33'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 1944	-22°55'	-20°10'	-17°52'	+23°49'	+13°37'	+21°49'	+21°08'	-00°24'	+23°35'	+00°31'
Jan 10 1944	-22°07'	-19°27'	-19°36'	+23°46'	+13°49'	+21°48'	+21°06'	-00°24'	+23°38'	+00°30'
Jan 17 1944	-20°57'	-19°53'	-20°56'	+23°49'	+14°04'	+21°48'	+21°04'	-00°23'	+23°41'	+00°32'
Jan 24 1944	-19°28'	-20°51'	-21°48'	+23°56'	+14°20'	+21°48'	+21°02'	-00°21'	+23°45'	+00°37'
Jan 31 1944	-17°41'	-21°34'	-22°11'	+24°07'	+14°38'	+21°48'	+21°02'	-00°19'	+23°48'	+00°43'
Feb 7 1944	-15°39'	-21°34'	-22°02'	+24°21'	+14°57'	+21°48'	+21°01'	-00°16'	+23°51'	+00°52'
Feb 14 1944	-13°23'	-20°38'	-21°22'	+24°37'	+15°16'	+21°49'	+21°01'	-00°13'	+23°53'	+01°02'
Feb 21 1944	-10°57'	-18°40'	-20°11'	+24°52'	+15°34'	+21°51'	+21°01'	-00°09'	+23°56'	+01°14'
Feb 28 1944	-08°23'	-15°39'	-18°31'	+25°06'	+15°51'	+21°52'	+21°02'	-00°05'	+23°58'	+01°28'
Mar 6 1944	-05°42'	-11°33'	-16°24'	+25°18'	+16°06'	+21°55'	+21°04'	-00°00'	+24°00'	+01°42'
Mar 13 1944	-02°58'	-06°24'	-13°56'	+25°27'	+16°19'	+21°57'	+21°06'	+00°03'	+24°01'	+01°56'
Mar 20 1944	-00°12'	-00°20'	-11°08'	+25°31'	+16°29'	+22°00'	+21°08'	+00°08'	+24°03'	+02°11'
Mar 27 1944	+02°32'	+06°14'	-08°05'	+25°30'	+16°37'	+22°03'	+21°10'	+00°12'	+24°03'	+02°25'
Apr 3 1944	+05°15'	+12°25'	-04°52'	+25°24'	+16°42'	+22°06'	+21°13'	+00°17'	+24°04'	+02°38'
Apr 10 1944	+07°53'	+16°59'	-01°31'	+25°12'	+16°44'	+22°10'	+21°16'	+00°21'	+24°04'	+02°51'
Apr 17 1944	+10°25'	+19°15'	+01°51'	+24°54'	+16°43'	+22°13'	+21°20'	+00°26'	+24°04'	+03°02'
Apr 24 1944	+12°49'	+19°03'	+05°13'	+24°29'	+16°39'	+22°16'	+21°23'	+00°29'	+24°03'	+03°12'
May 1 1944	+15°02'	+16°41'	+08°30'	+23°58'	+16°33'	+22°20'	+21°27'	+00°33'	+24°02'	+03°20'
May 8 1944	+17°03'	+13°28'	+11°39'	+23°19'	+16°24'	+22°23'	+21°31'	+00°36'	+24°01'	+03°26'

May 15 1944	+18°50'	+11°16'	+14°34'	+22°34'	+16°12'	+22°25'	+21°35'	+00°38'	+23°59'	+03°30'
May 22 1944	+20°21'	+10°58'	+17°11'	+21°42'	+15°58'	+22°28'	+21°39'	+00°40'	+23°57'	+03°32'
May 29 1944	+21°35'	+12°24'	+19°28'	+20°44'	+15°42'	+22°30'	+21°43'	+00°42'	+23°55'	+03°32'
Jun 5 1944	+22°32'	+15°04'	+21°19'	+19°40'	+15°24'	+22°32'	+21°47'	+00°42'	+23°53'	+03°30'
Jun 12 1944	+23°08'	+18°24'	+22°41'	+18°30'	+15°04'	+22°33'	+21°50'	+00°42'	+23°50'	+03°25'
Jun 19 1944	+23°25'	+21°41'	+23°31'	+17°14'	+14°41'	+22°34'	+21°54'	+00°42'	+23°48'	+03°19'
Jun 26 1944	+23°22'	+23°57'	+23°48'	+15°52'	+14°18'	+22°34'	+21°57'	+00°41'	+23°45'	+03°11'
Jul 3 1944	+22°58'	+24°15'	+23°30'	+14°26'	+13°52'	+22°34'	+22°01'	+00°39'	+23°42'	+03°01'
Jul 10 1944	+22°15'	+22°24'	+22°38'	+12°56'	+13°25'	+22°34'	+22°04'	+00°36'	+23°39'	+02°49'
Jul 17 1944	+21°13'	+19°02'	+21°14'	+11°21'	+12°57'	+22°33'	+22°07'	+00°33'	+23°36'	+02°36'
Jul 24 1944	+19°54'	+14°51'	+19°20'	+09°42'	+12°28'	+22°32'	+22°09'	+00°30'	+23°33'	+02°21'
Jul 31 1944	+18°18'	+10°25'	+16°59'	+08°00'	+11°57'	+22°30'	+22°12'	+00°26'	+23°30'	+02°05'
Aug 7 1944	+16°28'	+06°08'	+14°15'	+06°16'	+11°26'	+22°28'	+22°14'	+00°21'	+23°28'	+01°47'
Aug 14 1944	+14°24'	+02°26'	+11°12'	+04°29'	+10°53'	+22°27'	+22°15'	+00°16'	+23°25'	+01°28'
Aug 21 1944	+12°10'	-00°08'	+07°55'	+02°40'	+10°20'	+22°24'	+22°17'	+00°11'	+23°23'	+01°09'
Aug 28 1944	+09°46'	-00°46'	+04°28'	+00°50'	+09°47'	+22°22'	+22°18'	+00°06'	+23°20'	+00°48'
Sep 4 1944	+07°14'	+01°20'	+00°54'	-01°00'	+09°13'	+22°20'	+22°19'	+00°00'	+23°18'	+00°27'
Sep 11 1944	+04°37'	+05°20'	-02°41'	-02°52'	+08°39'	+22°18'	+22°19'	-00°05'	+23°16'	+00°05'
Sep 18 1944	+01°55'	+08°00'	-06°16'	-04°43'	+08°05'	+22°16'	+22°20'	-00°11'	+23°15'	-00°16'
Sep 25 1944	-00°47'	+07°18'	-09°44'	-06°34'	+07°32'	+22°14'	+22°19'	-00°17'	+23°14'	-00°39'
Oct 2 1944	-03°31'	+03°44'	-13°01'	-08°23'	+06°59'	+22°13'	+22°19'	-00°24'	+23°13'	-01°01'
Oct 9 1944	-06°12'	-01°13'	-16°04'	-10°09'	+06°26'	+22°12'	+22°18'	-00°30'	+23°13'	-01°24'
Oct 16 1944	-08°50'	-06°28'	-18°48'	-11°53'	+05°55'	+22°11'	+22°17'	-00°36'	+23°12'	-01°46'
Oct 23 1944	-11°21'	-11°26'	-21°08'	-13°34'	+05°24'	+22°11'	+22°16'	-00°41'	+23°13'	-02°08'
Oct 30 1944	-13°44'	-15°53'	-23°00'	-15°10'	+04°55'	+22°11'	+22°15'	-00°47'	+23°14'	-02°29'
Nov 6 1944	-15°56'	-19°40'	-24°21'	-16°41'	+04°27'	+22°12'	+22°13'	-00°52'	+23°15'	-02°50'
Nov 13 1944	-17°56'	-22°40'	-25°08'	-18°06'	+04°02'	+22°13'	+22°11'	-00°56'	+23°16'	-03°09'
Nov 20 1944	-19°40'	-24°44'	-25°19'	-19°24'	+03°38'	+22°15'	+22°09'	-01°01'	+23°18'	-03°27'
Nov 27 1944	-21°06'	-25°46'	-24°53'	-20°34'	+03°17'	+22°17'	+22°06'	-01°04'	+23°20'	-03°44'
Dec 4 1944	-22°13'	-25°38'	-23°52'	-21°35'	+02°58'	+22°19'	+22°04'	-01°07'	+23°23'	-04°00'
Dec 11 1944	-22°59'	-24°27'	-22°17'	-22°26'	+02°42'	+22°22'	+22°01'	-01°10'	+23°25'	-04°13'
Dec 18 1944	-23°23'	-22°36'	-20°13'	-23°08'	+02°29'	+22°24'	+21°59'	-01°12'	+23°28'	-04°25'
Dec 25 1944	-23°24'	-20°44'	-17°43'	-23°38'	+02°20'	+22°27'	+21°57'	-01°13'	+23°31'	-04°35'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 1945	-23°02'	-20°10'	-14°52'	-23°56'	+02°14'	+22°30'	+21°55'	-01°14'	+23°35'	-04°42'
Jan 8 1945	-22°17'	-21°02'	-11°44'	-24°02'	+02°12'	+22°32'	+21°53'	-01°14'	+23°38'	-04°48'
Jan 15 1945	-21°11'	-22°12'	-08°24'	-23°55'	+02°14'	+22°35'	+21°51'	-01°13'	+23°41'	-04°50'
Jan 22 1945	-19°45'	-22°54'	-04°56'	-23°36'	+02°19'	+22°37'	+21°50'	-01°12'	+23°45'	-04°51'
Jan 29 1945	-18°01'	-22°46'	-01°24'	-23°05'	+02°28'	+22°39'	+21°48'	-01°10'	+23°48'	-04°49'
Feb 5 1945	-16°01'	-21°37'	+02°05'	-22°20'	+02°40'	+22°41'	+21°48'	-01°07'	+23°51'	-04°44'
Feb 12 1945	-13°48'	-19°22'	+05°30'	-21°24'	+02°55'	+22°43'	+21°47'	-01°04'	+23°54'	-04°37'
Feb 19 1945	-11°24'	-16°00'	+08°46'	-20°17'	+03°13'	+22°44'	+21°47'	-01°00'	+23°57'	-04°28'
Feb 26 1945	-08°51'	-11°31'	+11°47'	-18°59'	+03°33'	+22°46'	+21°48'	-00°57'	+23°59'	-04°17'
Mar 5 1945	-06°11'	-05°57'	+14°29'	-17°31'	+03°54'	+22°47'	+21°49'	-00°52'	+24°01'	-04°05'
Mar 12 1945	-03°27'	+00°22'	+16°45'	-15°54'	+04°16'	+22°48'	+21°50'	-00°48'	+24°03'	-03°51'
Mar 19 1945	-00°42'	+06°39'	+18°27'	-14°09'	+04°38'	+22°49'	+21°52'	-00°43'	+24°04'	-03°36'
Mar 26 1945	+02°03'	+11°29'	+19°24'	-12°18'	+04°59'	+22°49'	+21°53'	-00°39'	+24°05'	-03°21'

Apr 2 1945	+04°46'	+13°42'	+19°21'	-10°21'	+05°18'	+22°50'	+21°56'	-00°34'	+24°05'	-03°05'
Apr 9 1945	+07°26'	+12°51'	+18°07'	-08°20'	+05°35'	+22°50'	+21°58'	-00°30'	+24°06'	-02°50'
Apr 16 1945	+09°59'	+09°41'	+15°50'	-06°15'	+05°49'	+22°50'	+22°01'	-00°25'	+24°05'	-02°35'
Apr 23 1945	+12°24'	+06°25'	+13°01'	-04°07'	+06°00'	+22°50'	+22°04'	-00°21'	+24°05'	-02°21'
Apr 30 1945	+14°39'	+04°52'	+10°26'	-01°59'	+06°08'	+22°49'	+22°07'	-00°18'	+24°04'	-02°09'
May 7 1945	+16°42'	+05°20'	+08°35'	+00°09'	+06°12'	+22°48'	+22°10'	-00°14'	+24°03'	-01°59'
May 14 1945	+18°32'	+07°27'	+07°40'	+02°17'	+06°13'	+22°46'	+22°13'	-00°12'	+24°01'	-01°50'
May 21 1945	+20°06'	+10°45'	+07°35'	+04°23'	+06°10'	+22°44'	+22°16'	-00°10'	+23°59'	-01°43'
May 28 1945	+21°23'	+14°46'	+08°10'	+06°26'	+06°04'	+22°42'	+22°20'	-00°08'	+23°57'	-01°39'
Jun 4 1945	+22°23'	+19°01'	+09°16'	+08°25'	+05°54'	+22°39'	+22°23'	-00°07'	+23°55'	-01°36'
Jun 11 1945	+23°03'	+22°41'	+10°43'	+10°19'	+05°41'	+22°36'	+22°26'	-00°07'	+23°52'	-01°36'
Jun 18 1945	+23°24'	+24°43'	+12°23'	+12°08'	+05°26'	+22°32'	+22°29'	-00°07'	+23°49'	-01°39'
Jun 25 1945	+23°24'	+24°32'	+14°08'	+13°50'	+05°07'	+22°27'	+22°32'	-00°08'	+23°46'	-01°43'
Jul 2 1945	+23°04'	+22°28'	+15°54'	+15°26'	+04°46'	+22°23'	+22°34'	-00°09'	+23°43'	-01°49'
Jul 9 1945	+22°24'	+19°14'	+17°33'	+16°53'	+04°23'	+22°18'	+22°37'	-00°11'	+23°40'	-01°58'
Jul 16 1945	+21°26'	+15°28'	+19°01'	+18°13'	+03°58'	+22°12'	+22°39'	-00°14'	+23°37'	-02°08'
Jul 23 1945	+20°09'	+11°42'	+20°12'	+19°23'	+03°30'	+22°06'	+22°42'	-00°17'	+23°34'	-02°21'
Jul 30 1945	+18°36'	+08°25'	+21°04'	+20°25'	+03°01'	+22°00'	+22°44'	-00°21'	+23°31'	-02°34'
Aug 6 1945	+16°48'	+06°17'	+21°33'	+21°18'	+02°31'	+21°54'	+22°45'	-00°25'	+23°28'	-02°50'
Aug 13 1945	+14°47'	+06°03'	+21°35'	+22°01'	+01°59'	+21°47'	+22°47'	-00°30'	+23°25'	-03°07'
Aug 20 1945	+12°34'	+08°05'	+21°10'	+22°35'	+01°26'	+21°41'	+22°48'	-00°35'	+23°23'	-03°25'
Aug 27 1945	+10°12'	+11°12'	+20°17'	+23°01'	+00°52'	+21°35'	+22°49'	-00°41'	+23°20'	-03°44'
Sep 3 1945	+07°41'	+13°06'	+18°56'	+23°18'	+00°17'	+21°28'	+22°50'	-00°46'	+23°18'	-04°04'
Sep 10 1945	+05°05'	+12°22'	+17°09'	+23°28'	-00°17'	+21°23'	+22°51'	-00°52'	+23°16'	-04°25'
Sep 17 1945	+02°24'	+08°59'	+14°58'	+23°30'	-00°53'	+21°17'	+22°51'	-00°58'	+23°14'	-04°46'
Sep 24 1945	-00°18'	+04°03'	+12°25'	+23°26'	-01°29'	+21°12'	+22°51'	-01°04'	+23°13'	-05°08'
Oct 1 1945	-03°02'	-01°23'	+09°35'	+23°17'	-02°05'	+21°07'	+22°51'	-01°10'	+23°12'	-05°31'
Oct 8 1945	-05°44'	-06°43'	+06°31'	+23°04'	-02°40'	+21°04'	+22°51'	-01°17'	+23°11'	-05°53'
Oct 15 1945	-08°22'	-11°40'	+03°17'	+22°49'	-03°16'	+21°01'	+22°50'	-01°22'	+23°11'	-06°15'
Oct 22 1945	-10°55'	-16°03'	-00°03'	+22°32'	-03°50'	+20°59'	+22°50'	-01°28'	+23°11'	-06°37'
Oct 29 1945	-13°19'	-19°46'	-03°26'	+22°16'	-04°24'	+20°58'	+22°49'	-01°34'	+23°12'	-06°59'
Nov 5 1945	-15°34'	-22°41'	-06°47'	+22°01'	-04°57'	+20°57'	+22°47'	-01°39'	+23°13'	-07°20'
Nov 12 1945	-17°36'	-24°39'	-10°02'	+21°51'	-05°29'	+20°58'	+22°46'	-01°44'	+23°14'	-07°41'
Nov 19 1945	-19°22'	-25°30'	-13°05'	+21°46'	-06°00'	+21°00'	+22°45'	-01°48'	+23°16'	-08°01'
Nov 26 1945	-20°52'	-25°02'	-15°54'	+21°49'	-06°29'	+21°03'	+22°43'	-01°52'	+23°18'	-08°19'
Dec 3 1945	-22°03'	-23°01'	-18°22'	+22°00'	-06°56'	+21°07'	+22°41'	-01°56'	+23°21'	-08°36'
Dec 10 1945	-22°53'	-19°56'	-20°26'	+22°22'	-07°21'	+21°11'	+22°39'	-01°59'	+23°23'	-08°52'
Dec 17 1945	-23°20'	-18°37'	-22°01'	+22°53'	-07°44'	+21°16'	+22°37'	-02°01'	+23°26'	-09°07'
Dec 24 1945	-23°25'	-19°39'	-23°04'	+23°31'	-08°05'	+21°22'	+22°35'	-02°02'	+23°30'	-09°20'
Dec 31 1945	-23°07'	-21°28'	-23°33'	+24°15'	-08°24'	+21°28'	+22°34'	-02°03'	+23°33'	-09°31'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 1946	-22°27'	-22°59'	-23°26'	+24°58'	-08°39'	+21°34'	+22°32'	-02°03'	+23°37'	-09°40'
Jan 14 1946	-21°24'	-23°45'	-22°44'	+25°36'	-08°52'	+21°40'	+22°30'	-02°03'	+23°40'	-09°47'
Jan 21 1946	-20°02'	-23°32'	-21°28'	+26°06'	-09°02'	+21°46'	+22°29'	-02°02'	+23°43'	-09°51'
Jan 28 1946	-18°21'	-22°14'	-19°40'	+26°25'	-09°09'	+21°52'	+22°28'	-02°00'	+23°47'	-09°54'
Feb 4 1946	-16°24'	-19°46'	-17°24'	+26°34'	-09°12'	+21°57'	+22°27'	-01°58'	+23°50'	-09°54'
Feb 11 1946	-14°13'	-16°07'	-14°44'	+26°34'	-09°12'	+22°02'	+22°27'	-01°55'	+23°53'	-09°52'

Feb 18 1946	-11°50'	-11°17'	-11°45'	+26°27'	-09°09'	+22°06'	+22°27'	-01°52'	+23°56'	-09°48'
Feb 25 1946	-09°18'	-05°29'	-08°30'	+26°15'	-09°03'	+22°10'	+22°27'	-01°48'	+23°59'	-09°41'
Mar 4 1946	-06°40'	+00°31'	-05°04'	+25°59'	-08°53'	+22°12'	+22°27'	-01°44'	+24°01'	-09°33'
Mar 11 1946	-03°57'	+05°16'	-01°31'	+25°40'	-08°41'	+22°14'	+22°28'	-01°40'	+24°03'	-09°22'
Mar 18 1946	-01°11'	+07°06'	+02°03'	+25°16'	-08°26'	+22°16'	+22°29'	-01°35'	+24°04'	-09°10'
Mar 25 1946	+01°34'	+05°25'	+05°36'	+24°50'	-08°09'	+22°16'	+22°30'	-01°31'	+24°05'	-08°57'
Apr 1 1946	+04°18'	+01°51'	+09°03'	+24°19'	-07°51'	+22°16'	+22°32'	-01°26'	+24°06'	-08°43'
Apr 8 1946	+06°58'	-00°54'	+12°20'	+23°44'	-07°31'	+22°15'	+22°34'	-01°21'	+24°06'	-08°28'
Apr 15 1946	+09°32'	-01°40'	+15°23'	+23°04'	-07°11'	+22°13'	+22°36'	-01°17'	+24°06'	-08°13'
Apr 22 1946	+11°59'	-00°32'	+18°07'	+22°19'	-06°52'	+22°11'	+22°38'	-01°13'	+24°06'	-07°58'
Apr 29 1946	+14°16'	+02°03'	+20°28'	+21°29'	-06°34'	+22°08'	+22°40'	-01°09'	+24°05'	-07°43'
May 6 1946	+16°21'	+05°46'	+22°22'	+20°34'	-06°17'	+22°04'	+22°42'	-01°06'	+24°03'	-07°30'
May 13 1946	+18°13'	+10°17'	+23°45'	+19°33'	-06°02'	+22°00'	+22°45'	-01°03'	+24°02'	-07°18'
May 20 1946	+19°50'	+15°15'	+24°36'	+18°27'	-05°51'	+21°54'	+22°47'	-01°00'	+24°00'	-07°07'
May 27 1946	+21°11'	+20°02'	+24°52'	+17°16'	-05°42'	+21°48'	+22°50'	-00°59'	+23°58'	-06°58'
Jun 3 1946	+22°14'	+23°40'	+24°33'	+16°00'	-05°36'	+21°42'	+22°52'	-00°57'	+23°55'	-06°51'
Jun 10 1946	+22°57'	+25°15'	+23°39'	+14°39'	-05°34'	+21°34'	+22°55'	-00°57'	+23°53'	-06°47'
Jun 17 1946	+23°21'	+24°45'	+22°14'	+13°14'	-05°35'	+21°27'	+22°57'	-00°57'	+23°50'	-06°44'
Jun 24 1946	+23°25'	+22°44'	+20°19'	+11°44'	-05°40'	+21°18'	+22°59'	-00°57'	+23°47'	-06°43'
Jul 1 1946	+23°09'	+19°53'	+17°58'	+10°11'	-05°48'	+21°09'	+23°01'	-00°58'	+23°44'	-06°45'
Jul 8 1946	+22°33'	+16°49'	+15°16'	+08°34'	-05°59'	+21°00'	+23°03'	-01°00'	+23°40'	-06°49'
Jul 15 1946	+21°37'	+14°06'	+12°15'	+06°53'	-06°13'	+20°50'	+23°05'	-01°03'	+23°37'	-06°54'
Jul 22 1946	+20°24'	+12°23'	+09°01'	+05°10'	-06°29'	+20°39'	+23°07'	-01°06'	+23°34'	-07°02'
Jul 29 1946	+18°54'	+12°17'	+05°37'	+03°24'	-06°48'	+20°29'	+23°08'	-01°09'	+23°31'	-07°12'
Aug 5 1946	+17°09'	+13°48'	+02°08'	+01°37'	-07°09'	+20°18'	+23°10'	-01°13'	+23°28'	-07°23'
Aug 12 1946	+15°10'	+15°55'	-01°24'	-00°11'	-07°33'	+20°07'	+23°11'	-01°18'	+23°25'	-07°36'
Aug 19 1946	+12°59'	+17°15'	-04°55'	-02°01'	-07°58'	+19°56'	+23°12'	-01°22'	+23°22'	-07°50'
Aug 26 1946	+10°38'	+16°43'	-08°21'	-03°52'	-08°24'	+19°45'	+23°13'	-01°28'	+23°19'	-08°06'
Sep 2 1946	+08°09'	+13°52'	-11°39'	-05°42'	-08°52'	+19°35'	+23°14'	-01°33'	+23°17'	-08°22'
Sep 9 1946	+05°33'	+09°14'	-14°46'	-07°31'	-09°21'	+19°24'	+23°14'	-01°39'	+23°15'	-08°40'
Sep 16 1946	+02°53'	+03°49'	-17°38'	-09°19'	-09°51'	+19°15'	+23°15'	-01°45'	+23°13'	-08°58'
Sep 23 1946	+00°10'	-01°41'	-20°13'	-11°05'	-10°21'	+19°05'	+23°15'	-01°51'	+23°11'	-09°17'
Sep 30 1946	-02°33'	-06°56'	-22°27'	-12°48'	-10°52'	+18°57'	+23°15'	-01°57'	+23°10'	-09°37'
Oct 7 1946	-05°15'	-11°46'	-24°16'	-14°27'	-11°23'	+18°49'	+23°15'	-02°03'	+23°09'	-09°57'
Oct 14 1946	-07°54'	-16°01'	-25°38'	-16°01'	-11°54'	+18°42'	+23°15'	-02°09'	+23°09'	-10°16'
Oct 21 1946	-10°28'	-19°34'	-26°28'	-17°30'	-12°24'	+18°37'	+23°15'	-02°15'	+23°09'	-10°36'
Oct 28 1946	-12°54'	-22°15'	-26°40'	-18°53'	-12°55'	+18°32'	+23°14'	-02°21'	+23°09'	-10°56'
Nov 4 1946	-15°11'	-23°49'	-26°02'	-20°08'	-13°25'	+18°29'	+23°13'	-02°26'	+23°10'	-11°16'
Nov 11 1946	-17°15'	-23°47'	-24°28'	-21°15'	-13°54'	+18°28'	+23°13'	-02°31'	+23°12'	-11°34'
Nov 18 1946	-19°04'	-21°23'	-22°04'	-22°12'	-14°23'	+18°27'	+23°12'	-02°36'	+23°13'	-11°53'
Nov 25 1946	-20°37'	-17°15'	-19°19'	-23°00'	-14°50'	+18°28'	+23°11'	-02°40'	+23°15'	-12°10'
Dec 2 1946	-21°52'	-15°32'	-16°54'	-23°36'	-15°16'	+18°31'	+23°10'	-02°44'	+23°18'	-12°27'
Dec 9 1946	-22°45'	-16°56'	-15°18'	-24°00'	-15°41'	+18°35'	+23°08'	-02°47'	+23°20'	-12°42'
Dec 16 1946	-23°17'	-19°27'	-14°36'	-24°12'	-16°05'	+18°41'	+23°07'	-02°49'	+23°24'	-12°57'
Dec 23 1946	-23°26'	-21°50'	-14°40'	-24°11'	-16°27'	+18°47'	+23°06'	-02°51'	+23°27'	-13°10'
Dec 30 1946	-23°12'	-23°33'	-15°16'	-23°57'	-16°48'	+18°55'	+23°04'	-02°52'	+23°30'	-13°22'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron



Jan 6 1947	-22°35'	-24°21'	-16°13'	-23°29'	-17°06'	+19°03'	+23°03'	-02°53'	+23°34'	-13°32'
Jan 13 1947	-21°37'	-24°05'	-17°19'	-22°49'	-17°23'	+19°12'	+23°02'	-02°53'	+23°37'	-13°40'
Jan 20 1947	-20°18'	-22°39'	-18°25'	-21°56'	-17°39'	+19°21'	+23°01'	-02°52'	+23°41'	-13°47'
Jan 27 1947	-18°40'	-19°59'	-19°23'	-20°51'	-17°52'	+19°30'	+23°00'	-02°51'	+23°45'	-13°52'
Feb 3 1947	-16°46'	-16°05'	-20°06'	-19°35'	-18°03'	+19°39'	+22°59'	-02°49'	+23°48'	-13°55'
Feb 10 1947	-14°37'	-11°06'	-20°30'	-18°08'	-18°13'	+19°48'	+22°58'	-02°46'	+23°51'	-13°56'
Feb 17 1947	-12°16'	-05°38'	-20°32'	-16°31'	-18°20'	+19°56'	+22°58'	-02°43'	+23°54'	-13°56'
Feb 24 1947	-09°46'	-01°15'	-20°08'	-14°47'	-18°26'	+20°03'	+22°58'	-02°39'	+23°57'	-13°53'
Mar 3 1947	-07°08'	+00°03'	-19°17'	-12°54'	-18°29'	+20°09'	+22°58'	-02°36'	+23°59'	-13°49'
Mar 10 1947	-04°26'	-02°11'	-18°01'	-10°56'	-18°31'	+20°14'	+22°58'	-02°31'	+24°01'	-13°43'
Mar 17 1947	-01°41'	-05°35'	-16°19'	-08°53'	-18°30'	+20°18'	+22°59'	-02°27'	+24°03'	-13°35'
Mar 24 1947	+01°04'	-07°38'	-14°14'	-06°46'	-18°27'	+20°20'	+23°00'	-02°22'	+24°04'	-13°26'
Mar 31 1947	+03°49'	-07°45'	-11°50'	-04°36'	-18°23'	+20°22'	+23°01'	-02°18'	+24°05'	-13°16'
Apr 7 1947	+06°30'	-06°14'	-09°09'	-02°25'	-18°16'	+20°22'	+23°02'	-02°13'	+24°06'	-13°04'
Apr 14 1947	+09°05'	-03°23'	-06°14'	-00°13'	-18°08'	+20°21'	+23°03'	-02°09'	+24°06'	-12°52'
Apr 21 1947	+11°33'	+00°30'	-03°10'	+01°57'	-17°58'	+20°19'	+23°05'	-02°05'	+24°05'	-12°39'
Apr 28 1947	+13°52'	+05°16'	+00°00'	+04°06'	-17°47'	+20°15'	+23°06'	-02°01'	+24°04'	-12°26'
May 5 1947	+16°00'	+10°40'	+03°12'	+06°13'	-17°35'	+20°11'	+23°08'	-01°57'	+24°03'	-12°13'
May 12 1947	+17°54'	+16°14'	+06°23'	+08°15'	-17°22'	+20°05'	+23°10'	-01°54'	+24°02'	-12°00'
May 19 1947	+19°34'	+21°11'	+09°29'	+10°14'	-17°09'	+19°58'	+23°12'	-01°51'	+24°00'	-11°48'
May 26 1947	+20°58'	+24°26'	+12°25'	+12°06'	-16°56'	+19°50'	+23°13'	-01°49'	+23°57'	-11°38'
Jun 2 1947	+22°04'	+25°35'	+15°08'	+13°53'	-16°45'	+19°42'	+23°15'	-01°48'	+23°55'	-11°28'
Jun 9 1947	+22°51'	+24°58'	+17°34'	+15°32'	-16°34'	+19°32'	+23°17'	-01°47'	+23°52'	-11°20'
Jun 16 1947	+23°19'	+23°14'	+19°39'	+17°03'	-16°25'	+19°22'	+23°18'	-01°46'	+23°49'	-11°14'
Jun 23 1947	+23°26'	+20°59'	+21°18'	+18°26'	-16°18'	+19°10'	+23°20'	-01°47'	+23°46'	-11°09'
Jun 30 1947	+23°13'	+18°49'	+22°29'	+19°40'	-16°13'	+18°58'	+23°21'	-01°48'	+23°43'	-11°07'
Jul 7 1947	+22°41'	+17°19'	+23°09'	+20°45'	-16°10'	+18°46'	+23°23'	-01°49'	+23°40'	-11°06'
Jul 14 1947	+21°49'	+16°54'	+23°17'	+21°39'	-16°10'	+18°32'	+23°24'	-01°51'	+23°36'	-11°07'
Jul 21 1947	+20°38'	+17°36'	+22°50'	+22°24'	-16°12'	+18°19'	+23°25'	-01°54'	+23°33'	-11°10'
Jul 28 1947	+19°11'	+18°56'	+21°52'	+22°58'	-16°17'	+18°04'	+23°26'	-01°57'	+23°29'	-11°15'
Aug 4 1947	+17°28'	+20°05'	+20°21'	+23°23'	-16°24'	+17°50'	+23°27'	-02°01'	+23°26'	-11°21'
Aug 11 1947	+15°32'	+20°04'	+18°22'	+23°37'	-16°33'	+17°35'	+23°28'	-02°05'	+23°23'	-11°29'
Aug 18 1947	+13°23'	+18°03'	+15°58'	+23°42'	-16°45'	+17°20'	+23°28'	-02°10'	+23°20'	-11°39'
Aug 25 1947	+11°03'	+14°05'	+13°12'	+23°38'	-16°58'	+17°05'	+23°29'	-02°15'	+23°17'	-11°50'
Sep 1 1947	+08°36'	+08°59'	+10°08'	+23°25'	-17°12'	+16°51'	+23°29'	-02°20'	+23°14'	-12°02'
Sep 8 1947	+06°01'	+03°31'	+06°50'	+23°04'	-17°29'	+16°36'	+23°30'	-02°26'	+23°12'	-12°15'
Sep 15 1947	+03°21'	-01°52'	+03°23'	+22°35'	-17°46'	+16°22'	+23°30'	-02°32'	+23°10'	-12°29'
Sep 22 1947	+00°39'	-06°57'	-00°08'	+22°00'	-18°04'	+16°09'	+23°30'	-02°38'	+23°08'	-12°43'
Sep 29 1947	-02°04'	-11°34'	-03°42'	+21°19'	-18°23'	+15°56'	+23°31'	-02°44'	+23°07'	-12°58'
Oct 6 1947	-04°46'	-15°33'	-07°12'	+20°33'	-18°42'	+15°44'	+23°31'	-02°50'	+23°06'	-13°14'
Oct 13 1947	-07°26'	-18°43'	-10°35'	+19°44'	-19°01'	+15°33'	+23°31'	-02°56'	+23°05'	-13°30'
Oct 20 1947	-10°01'	-20°42'	-13°46'	+18°51'	-19°20'	+15°23'	+23°31'	-03°02'	+23°05'	-13°46'
Oct 27 1947	-12°29'	-20°46'	-16°40'	+17°57'	-19°40'	+15°15'	+23°31'	-03°08'	+23°06'	-14°02'
Nov 3 1947	-14°47'	-17°50'	-19°14'	+17°02'	-19°59'	+15°08'	+23°30'	-03°13'	+23°06'	-14°17'
Nov 10 1947	-16°54'	-13°02'	-21°22'	+16°08'	-20°17'	+15°02'	+23°30'	-03°18'	+23°07'	-14°33'
Nov 17 1947	-18°46'	-11°18'	-23°00'	+15°15'	-20°34'	+14°58'	+23°30'	-03°23'	+23°09'	-14°48'
Nov 24 1947	-20°22'	-13°08'	-24°05'	+14°26'	-20°51'	+14°56'	+23°29'	-03°27'	+23°11'	-15°02'

Dec 1 1947	-21°40'	-16°20'	-24°35'	+13°41'	-21°07'	+14°56'	+23°29'	-03°31'	+23°14'	-15°16'
Dec 8 1947	-22°37'	-19°33'	-24°29'	+13°02'	-21°22'	+14°57'	+23°28'	-03°35'	+23°16'	-15°29'
Dec 15 1947	-23°13'	-22°12'	-23°45'	+12°30'	-21°36'	+15°00'	+23°27'	-03°37'	+23°19'	-15°41'
Dec 22 1947	-23°26'	-24°01'	-22°27'	+12°08'	-21°48'	+15°05'	+23°27'	-03°39'	+23°23'	-15°52'
Dec 29 1947	-23°16'	-24°49'	-20°36'	+11°57'	-22°00'	+15°12'	+23°26'	-03°41'	+23°26'	-16°01'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 1948	-22°44'	-24°30'	-18°16'	+11°57'	-22°10'	+15°20'	+23°25'	-03°42'	+23°30'	-16°10'
Jan 12 1948	-21°49'	-22°58'	-15°32'	+12°12'	-22°19'	+15°29'	+23°24'	-03°42'	+23°34'	-16°18'
Jan 19 1948	-20°33'	-20°09'	-12°27'	+12°40'	-22°27'	+15°39'	+23°24'	-03°42'	+23°37'	-16°24'
Jan 26 1948	-18°59'	-16°09'	-09°07'	+13°21'	-22°33'	+15°50'	+23°23'	-03°41'	+23°41'	-16°29'
Feb 2 1948	-17°07'	-11°30'	-05°36'	+14°13'	-22°39'	+16°01'	+23°22'	-03°39'	+23°45'	-16°33'
Feb 9 1948	-15°01'	-07°40'	-01°58'	+15°12'	-22°43'	+16°13'	+23°22'	-03°37'	+23°48'	-16°35'
Feb 16 1948	-12°42'	-06°48'	+01°42'	+16°12'	-22°46'	+16°24'	+23°22'	-03°34'	+23°51'	-16°36'
Feb 23 1948	-10°13'	-09°07'	+05°21'	+17°07'	-22°49'	+16°35'	+23°21'	-03°30'	+23°54'	-16°35'
Mar 1 1948	-07°37'	-11°54'	+08°54'	+17°51'	-22°51'	+16°45'	+23°21'	-03°27'	+23°57'	-16°33'
Mar 8 1948	-04°55'	-13°16'	+12°18'	+18°22'	-22°53'	+16°54'	+23°21'	-03°23'	+23°59'	-16°30'
Mar 15 1948	-02°10'	-13°02'	+15°29'	+18°39'	-22°54'	+17°01'	+23°22'	-03°18'	+24°01'	-16°25'
Mar 22 1948	+00°35'	-11°25'	+18°22'	+18°42'	-22°54'	+17°08'	+23°22'	-03°14'	+24°02'	-16°20'
Mar 29 1948	+03°20'	-08°37'	+20°56'	+18°32'	-22°55'	+17°12'	+23°23'	-03°09'	+24°03'	-16°13'
Apr 5 1948	+06°02'	-04°46'	+23°05'	+18°11'	-22°55'	+17°16'	+23°23'	-03°05'	+24°04'	-16°05'
Apr 12 1948	+08°38'	+00°00'	+24°50'	+17°40'	-22°55'	+17°17'	+23°24'	-03°00'	+24°04'	-15°56'
Apr 19 1948	+11°08'	+05°33'	+26°07'	+17°01'	-22°55'	+17°17'	+23°25'	-02°56'	+24°03'	-15°47'
Apr 26 1948	+13°28'	+11°34'	+26°57'	+16°14'	-22°55'	+17°16'	+23°26'	-02°52'	+24°03'	-15°37'
May 3 1948	+15°38'	+17°26'	+27°21'	+15°20'	-22°55'	+17°13'	+23°27'	-02°48'	+24°02'	-15°27'
May 10 1948	+17°35'	+22°06'	+27°21'	+14°20'	-22°55'	+17°08'	+23°28'	-02°45'	+24°00'	-15°16'
May 17 1948	+19°18'	+24°48'	+26°59'	+13°14'	-22°55'	+17°02'	+23°29'	-02°42'	+23°58'	-15°06'
May 24 1948	+20°44'	+25°36'	+26°21'	+12°02'	-22°55'	+16°54'	+23°30'	-02°40'	+23°56'	-14°57'
May 31 1948	+21°54'	+24°58'	+25°28'	+10°45'	-22°54'	+16°45'	+23°31'	-02°38'	+23°53'	-14°48'
Jun 7 1948	+22°44'	+23°29'	+24°23'	+09°23'	-22°53'	+16°35'	+23°32'	-02°37'	+23°51'	-14°40'
Jun 14 1948	+23°15'	+21°36'	+23°07'	+07°57'	-22°52'	+16°24'	+23°32'	-02°36'	+23°48'	-14°33'
Jun 21 1948	+23°26'	+19°52'	+21°40'	+06°26'	-22°50'	+16°11'	+23°33'	-02°36'	+23°44'	-14°27'
Jun 28 1948	+23°17'	+18°50'	+20°12'	+04°52'	-22°49'	+15°58'	+23°34'	-02°37'	+23°41'	-14°22'
Jul 5 1948	+22°48'	+18°54'	+18°57'	+03°15'	-22°47'	+15°44'	+23°34'	-02°38'	+23°38'	-14°19'
Jul 12 1948	+21°59'	+19°58'	+18°09'	+01°35'	-22°45'	+15°29'	+23°35'	-02°40'	+23°34'	-14°17'
Jul 19 1948	+20°52'	+21°21'	+17°50'	-00°07'	-22°44'	+15°13'	+23°35'	-02°42'	+23°30'	-14°17'
Jul 26 1948	+19°28'	+22°08'	+17°55'	-01°51'	-22°43'	+14°56'	+23°36'	-02°45'	+23°27'	-14°18'
Aug 2 1948	+17°48'	+21°16'	+18°13'	-03°37'	-22°42'	+14°39'	+23°36'	-02°49'	+23°23'	-14°21'
Aug 9 1948	+15°53'	+18°19'	+18°35'	-05°23'	-22°42'	+14°22'	+23°36'	-02°53'	+23°20'	-14°25'
Aug 16 1948	+13°46'	+13°51'	+18°52'	-07°09'	-22°43'	+14°04'	+23°37'	-02°57'	+23°17'	-14°30'
Aug 23 1948	+11°29'	+08°41'	+18°57'	-08°55'	-22°45'	+13°47'	+23°37'	-03°02'	+23°14'	-14°36'
Aug 30 1948	+09°02'	+03°21'	+18°46'	-10°39'	-22°47'	+13°29'	+23°37'	-03°07'	+23°11'	-14°44'
Sep 6 1948	+06°29'	-01°48'	+18°14'	-12°21'	-22°50'	+13°11'	+23°37'	-03°13'	+23°08'	-14°53'
Sep 13 1948	+03°50'	-06°35'	+17°19'	-14°00'	-22°53'	+12°54'	+23°37'	-03°18'	+23°06'	-15°02'
Sep 20 1948	+01°08'	-10°49'	+16°02'	-15°36'	-22°57'	+12°37'	+23°37'	-03°24'	+23°04'	-15°12'
Sep 27 1948	-01°35'	-14°13'	+14°21'	-17°06'	-23°01'	+12°21'	+23°37'	-03°30'	+23°03'	-15°23'
Oct 4 1948	-04°18'	-16°19'	+12°18'	-18°31'	-23°05'	+12°05'	+23°37'	-03°36'	+23°01'	-15°34'
Oct 11 1948	-06°58'	-16°12'	+09°56'	-19°50'	-23°09'	+11°50'	+23°38'	-03°42'	+23°01'	-15°45'

Oct 18 1948	-09°34'	-12°44'	+07°18'	-21°00'	-23°13'	+11°36'	+23°38'	-03°48'	+23°00'	-15°57'
Oct 25 1948	-12°03'	-07°46'	+04°26'	-22°02'	-23°16'	+11°24'	+23°38'	-03°54'	+23°01'	-16°08'
Nov 1 1948	-14°24'	-06°15'	+01°23'	-22°54'	-23°19'	+11°12'	+23°38'	-04°00'	+23°01'	-16°19'
Nov 8 1948	-16°32'	-08°31'	-01°44'	-23°35'	-23°21'	+11°03'	+23°38'	-04°05'	+23°02'	-16°31'
Nov 15 1948	-18°27'	-12°20'	-04°54'	-24°04'	-23°22'	+10°54'	+23°38'	-04°10'	+23°04'	-16°41'
Nov 22 1948	-20°06'	-16°18'	-08°02'	-24°22'	-23°22'	+10°48'	+23°38'	-04°14'	+23°06'	-16°52'
Nov 29 1948	-21°28'	-19°48'	-11°03'	-24°26'	-23°22'	+10°44'	+23°38'	-04°18'	+23°08'	-17°01'
Dec 6 1948	-22°29'	-22°34'	-13°53'	-24°17'	-23°20'	+10°41'	+23°38'	-04°22'	+23°11'	-17°11'
Dec 13 1948	-23°08'	-24°25'	-16°28'	-23°55'	-23°17'	+10°41'	+23°38'	-04°25'	+23°14'	-17°19'
Dec 20 1948	-23°26'	-25°13'	-18°42'	-23°19'	-23°12'	+10°42'	+23°38'	-04°27'	+23°17'	-17°27'
Dec 27 1948	-23°20'	-24°51'	-20°32'	-22°30'	-23°07'	+10°46'	+23°38'	-04°29'	+23°21'	-17°34'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 1949	-22°51'	-23°13'	-21°54'	-21°29'	-23°00'	+10°51'	+23°38'	-04°30'	+23°24'	-17°40'
Jan 10 1949	-22°00'	-20°23'	-22°44'	-20°15'	-22°52'	+10°58'	+23°38'	-04°31'	+23°28'	-17°45'
Jan 17 1949	-20°48'	-16°44'	-23°01'	-18°51'	-22°43'	+11°07'	+23°37'	-04°31'	+23°32'	-17°49'
Jan 24 1949	-19°17'	-13°33'	-22°44'	-17°17'	-22°33'	+11°17'	+23°37'	-04°30'	+23°36'	-17°52'
Jan 31 1949	-17°28'	-12°51'	-21°52'	-15°33'	-22°23'	+11°29'	+23°37'	-04°29'	+23°40'	-17°54'
Feb 7 1949	-15°24'	-14°41'	-20°28'	-13°42'	-22°11'	+11°41'	+23°37'	-04°27'	+23°43'	-17°55'
Feb 14 1949	-13°07'	-16°39'	-18°35'	-11°45'	-21°59'	+11°54'	+23°36'	-04°24'	+23°47'	-17°55'
Feb 21 1949	-10°40'	-17°35'	-16°15'	-09°41'	-21°46'	+12°07'	+23°36'	-04°21'	+23°50'	-17°55'
Feb 28 1949	-08°05'	-17°19'	-13°33'	-07°34'	-21°33'	+12°19'	+23°36'	-04°18'	+23°53'	-17°53'
Mar 7 1949	-05°24'	-15°53'	-10°33'	-05°24'	-21°20'	+12°31'	+23°36'	-04°14'	+23°55'	-17°51'
Mar 14 1949	-02°39'	-13°22'	-07°19'	-03°11'	-21°08'	+12°43'	+23°36'	-04°10'	+23°57'	-17°47'
Mar 21 1949	+00°06'	-09°48'	-03°56'	-00°58'	-20°55'	+12°53'	+23°36'	-04°05'	+23°59'	-17°43'
Mar 28 1949	+02°51'	-05°15'	-00°27'	+01°13'	-20°43'	+13°02'	+23°36'	-04°01'	+24°00'	-17°38'
Apr 4 1949	+05°33'	+00°11'	+03°02'	+03°25'	-20°33'	+13°09'	+23°37'	-03°56'	+24°01'	-17°33'
Apr 11 1949	+08°11'	+06°20'	+06°30'	+05°33'	-20°23'	+13°14'	+23°37'	-03°52'	+24°01'	-17°27'
Apr 18 1949	+10°42'	+12°44'	+09°50'	+07°39'	-20°14'	+13°18'	+23°37'	-03°47'	+24°01'	-17°20'
Apr 25 1949	+13°04'	+18°25'	+12°59'	+09°40'	-20°07'	+13°20'	+23°38'	-03°43'	+24°00'	-17°13'
May 2 1949	+15°16'	+22°24'	+15°53'	+11°35'	-20°02'	+13°20'	+23°38'	-03°39'	+23°59'	-17°06'
May 9 1949	+17°15'	+24°23'	+18°27'	+13°25'	-19°59'	+13°18'	+23°38'	-03°36'	+23°57'	-16°59'
May 16 1949	+19°01'	+24°39'	+20°38'	+15°08'	-19°58'	+13°14'	+23°38'	-03°33'	+23°55'	-16°52'
May 23 1949	+20°30'	+23°31'	+22°21'	+16°43'	-19°59'	+13°09'	+23°39'	-03°30'	+23°53'	-16°45'
May 30 1949	+21°43'	+21°26'	+23°33'	+18°10'	-20°02'	+13°02'	+23°39'	-03°28'	+23°51'	-16°38'
Jun 6 1949	+22°37'	+19°07'	+24°11'	+19°28'	-20°07'	+12°53'	+23°39'	-03°27'	+23°48'	-16°32'
Jun 13 1949	+23°11'	+17°39'	+24°15'	+20°36'	-20°14'	+12°43'	+23°39'	-03°26'	+23°45'	-16°26'
Jun 20 1949	+23°26'	+17°40'	+23°44'	+21°35'	-20°23'	+12°31'	+23°39'	-03°25'	+23°41'	-16°21'
Jun 27 1949	+23°20'	+18°59'	+22°38'	+22°24'	-20°33'	+12°18'	+23°39'	-03°26'	+23°38'	-16°17'
Jul 4 1949	+22°54'	+20°58'	+21°01'	+23°02'	-20°44'	+12°04'	+23°39'	-03°27'	+23°34'	-16°14'
Jul 11 1949	+22°09'	+22°44'	+18°55'	+23°30'	-20°56'	+11°48'	+23°39'	-03°28'	+23°31'	-16°11'
Jul 18 1949	+21°05'	+23°13'	+16°24'	+23°47'	-21°07'	+11°32'	+23°38'	-03°30'	+23°27'	-16°10'
Jul 25 1949	+19°44'	+21°39'	+13°32'	+23°54'	-21°19'	+11°15'	+23°38'	-03°33'	+23°23'	-16°10'
Aug 1 1949	+18°06'	+18°11'	+10°23'	+23°51'	-21°30'	+10°57'	+23°38'	-03°36'	+23°20'	-16°10'
Aug 8 1949	+16°14'	+13°36'	+07°01'	+23°38'	-21°39'	+10°38'	+23°37'	-03°40'	+23°16'	-16°12'
Aug 15 1949	+14°10'	+08°35'	+03°30'	+23°16'	-21°48'	+10°20'	+23°37'	-03°44'	+23°13'	-16°15'
Aug 22 1949	+11°54'	+03°32'	-00°05'	+22°45'	-21°55'	+10°00'	+23°36'	-03°49'	+23°09'	-16°19'
Aug 29 1949	+09°29'	-01°15'	-03°42'	+22°06'	-22°01'	+09°41'	+23°36'	-03°54'	+23°06'	-16°23'

Sep 5 1949	+06°56'	-05°31'	-07°16'	+21°19'	-22°05'	+09°21'	+23°36'	-03°59'	+23°03'	-16°29'
Sep 12 1949	+04°19'	-08°55'	-10°43'	+20°26'	-22°07'	+09°01'	+23°35'	-04°05'	+23°01'	-16°34'
Sep 19 1949	+01°37'	-10°53'	-14°00'	+19°27'	-22°08'	+08°42'	+23°35'	-04°10'	+22°59'	-16°41'
Sep 26 1949	-01°06'	-10°23'	-17°02'	+18°22'	-22°07'	+08°23'	+23°35'	-04°16'	+22°57'	-16°48'
Oct 3 1949	-03°49'	-06°34'	-19°44'	+17°13'	-22°05'	+08°05'	+23°35'	-04°22'	+22°56'	-16°55'
Oct 10 1949	-06°30'	-01°54'	-22°05'	+16°00'	-22°01'	+07°47'	+23°35'	-04°28'	+22°55'	-17°03'
Oct 17 1949	-09°07'	-00°47'	-23°58'	+14°45'	-21°55'	+07°30'	+23°35'	-04°34'	+22°54'	-17°10'
Oct 24 1949	-11°38'	-03°23'	-25°23'	+13°26'	-21°48'	+07°14'	+23°36'	-04°40'	+22°54'	-17°18'
Oct 31 1949	-13°59'	-07°41'	-26°16'	+12°07'	-21°40'	+06°59'	+23°36'	-04°46'	+22°55'	-17°25'
Nov 7 1949	-16°10'	-12°16'	-26°36'	+10°47'	-21°29'	+06°46'	+23°37'	-04°51'	+22°56'	-17°32'
Nov 14 1949	-18°08'	-16°30'	-26°24'	+09°27'	-21°17'	+06°34'	+23°37'	-04°56'	+22°57'	-17°39'
Nov 21 1949	-19°50'	-20°06'	-25°42'	+08°07'	-21°04'	+06°23'	+23°38'	-05°01'	+22°59'	-17°46'
Nov 28 1949	-21°15'	-22°54'	-24°31'	+06°50'	-20°48'	+06°15'	+23°38'	-05°05'	+23°01'	-17°52'
Dec 5 1949	-22°19'	-24°46'	-22°57'	+05°35'	-20°31'	+06°08'	+23°39'	-05°09'	+23°04'	-17°57'
Dec 12 1949	-23°03'	-25°33'	-21°05'	+04°23'	-20°13'	+06°03'	+23°39'	-05°12'	+23°07'	-18°02'
Dec 19 1949	-23°24'	-25°09'	-19°01'	+03°15'	-19°53'	+06°00'	+23°40'	-05°15'	+23°10'	-18°07'
Dec 26 1949	-23°22'	-23°32'	-16°53'	+02°12'	-19°31'	+06°00'	+23°40'	-05°17'	+23°14'	-18°10'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 1950	-22°58'	-20°59'	-14°48'	+01°16'	-19°08'	+06°02'	+23°41'	-05°18'	+23°18'	-18°13'
Jan 9 1950	-22°11'	-18°28'	-12°56'	+00°26'	-18°44'	+06°05'	+23°41'	-05°19'	+23°22'	-18°15'
Jan 16 1950	-21°02'	-17°35'	-11°29'	-00°14'	-18°19'	+06°11'	+23°41'	-05°19'	+23°26'	-18°16'
Jan 23 1950	-19°34'	-18°25'	-10°36'	-00°47'	-17°52'	+06°19'	+23°42'	-05°19'	+23°30'	-18°17'
Jan 30 1950	-17°48'	-19°38'	-10°23'	-01°09'	-17°24'	+06°28'	+23°42'	-05°18'	+23°34'	-18°17'
Feb 6 1950	-15°47'	-20°26'	-10°44'	-01°19'	-16°56'	+06°39'	+23°42'	-05°16'	+23°37'	-18°16'
Feb 13 1950	-13°32'	-20°26'	-11°25'	-01°17'	-16°27'	+06°51'	+23°42'	-05°14'	+23°41'	-18°15'
Feb 20 1950	-11°07'	-19°27'	-12°12'	-01°01'	-15°57'	+07°04'	+23°42'	-05°11'	+23°44'	-18°13'
Feb 27 1950	-08°33'	-17°26'	-12°51'	-00°32'	-15°27'	+07°17'	+23°42'	-05°08'	+23°47'	-18°10'
Mar 6 1950	-05°53'	-14°23'	-13°15'	+00°08'	-14°57'	+07°30'	+23°42'	-05°04'	+23°50'	-18°07'
Mar 13 1950	-03°09'	-10°17'	-13°17'	+00°59'	-14°26'	+07°44'	+23°42'	-05°00'	+23°52'	-18°03'
Mar 20 1950	-00°23'	-05°11'	-12°56'	+01°55'	-13°57'	+07°57'	+23°42'	-04°56'	+23°54'	-17°59'
Mar 27 1950	+02°22'	+00°48'	-12°09'	+02°52'	-13°27'	+08°08'	+23°42'	-04°52'	+23°55'	-17°55'
Apr 3 1950	+05°05'	+07°22'	-10°58'	+03°42'	-12°59'	+08°19'	+23°42'	-04°47'	+23°56'	-17°50'
Apr 10 1950	+07°43'	+13°39'	-09°25'	+04°22'	-12°31'	+08°29'	+23°42'	-04°43'	+23°56'	-17°46'
Apr 17 1950	+10°16'	+18°32'	-07°30'	+04°49'	-12°05'	+08°36'	+23°42'	-04°38'	+23°56'	-17°41'
Apr 24 1950	+12°40'	+21°20'	-05°18'	+05°00'	-11°40'	+08°42'	+23°41'	-04°34'	+23°56'	-17°36'
May 1 1950	+14°53'	+21°59'	-02°51'	+04°55'	-11°17'	+08°46'	+23°41'	-04°30'	+23°55'	-17°31'
May 8 1950	+16°55'	+20°37'	-00°13'	+04°37'	-10°56'	+08°48'	+23°41'	-04°27'	+23°53'	-17°26'
May 15 1950	+18°43'	+17°52'	+02°31'	+04°06'	-10°37'	+08°48'	+23°40'	-04°23'	+23°51'	-17°21'
May 22 1950	+20°16'	+15°09'	+05°19'	+03°24'	-10°21'	+08°46'	+23°40'	-04°20'	+23°49'	-17°16'
May 29 1950	+21°31'	+13°51'	+08°08'	+02°31'	-10°07'	+08°42'	+23°39'	-04°18'	+23°47'	-17°12'
Jun 5 1950	+22°28'	+14°21'	+10°52'	+01°30'	-09°57'	+08°36'	+23°39'	-04°16'	+23°44'	-17°08'
Jun 12 1950	+23°07'	+16°17'	+13°28'	+00°22'	-09°50'	+08°28'	+23°38'	-04°15'	+23°41'	-17°04'
Jun 19 1950	+23°25'	+19°01'	+15°52'	-00°52'	-09°46'	+08°19'	+23°37'	-04°15'	+23°37'	-17°01'
Jun 26 1950	+23°23'	+21°50'	+18°00'	-02°13'	-09°46'	+08°08'	+23°36'	-04°15'	+23°34'	-16°59'
Jul 3 1950	+23°00'	+23°45'	+19°48'	-03°37'	-09°49'	+07°55'	+23°35'	-04°15'	+23°30'	-16°57'
Jul 10 1950	+22°19'	+23°47'	+21°12'	-05°06'	-09°56'	+07°41'	+23°34'	-04°16'	+23°26'	-16°55'
Jul 17 1950	+21°18'	+21°41'	+22°10'	-06°37'	-10°06'	+07°26'	+23°33'	-04°18'	+23°22'	-16°55'

Jul 24 1950	+19°59'	+18°02'	+22°38'	-08°10'	-10°19'	+07°10'	+23°32'	-04°21'	+23°18'	-16°55'
Jul 31 1950	+18°25'	+13°35'	+22°35'	-09°45'	-10°35'	+06°52'	+23°31'	-04°24'	+23°15'	-16°55'
Aug 7 1950	+16°35'	+08°52'	+22°00'	-11°19'	-10°53'	+06°34'	+23°30'	-04°27'	+23°11'	-16°57'
Aug 14 1950	+14°33'	+04°17'	+20°55'	-12°54'	-11°12'	+06°15'	+23°29'	-04°31'	+23°07'	-16°59'
Aug 21 1950	+12°19'	+00°09'	+19°20'	-14°26'	-11°33'	+05°56'	+23°28'	-04°35'	+23°04'	-17°01'
Aug 28 1950	+09°55'	-03°03'	+17°17'	-15°56'	-11°53'	+05°36'	+23°27'	-04°40'	+23°00'	-17°04'
Sep 4 1950	+07°24'	-04°41'	+14°51'	-17°23'	-12°13'	+05°15'	+23°26'	-04°45'	+22°57'	-17°08'
Sep 11 1950	+04°47'	-03°43'	+12°04'	-18°45'	-12°32'	+04°55'	+23°25'	-04°51'	+22°55'	-17°12'
Sep 18 1950	+02°05'	+00°06'	+09°01'	-20°01'	-12°49'	+04°34'	+23°25'	-04°56'	+22°52'	-17°16'
Sep 25 1950	-00°37'	+04°05'	+05°45'	-21°10'	-13°03'	+04°14'	+23°24'	-05°02'	+22°50'	-17°21'
Oct 2 1950	-03°20'	+04°46'	+02°20'	-22°12'	-13°14'	+03°54'	+23°24'	-05°08'	+22°49'	-17°26'
Oct 9 1950	-06°02'	+02°00'	-01°08'	-23°04'	-13°22'	+03°34'	+23°24'	-05°14'	+22°48'	-17°30'
Oct 16 1950	-08°40'	-02°35'	-04°37'	-23°47'	-13°27'	+03°15'	+23°24'	-05°20'	+22°47'	-17°35'
Oct 23 1950	-11°12'	-07°38'	-08°02'	-24°18'	-13°28'	+02°57'	+23°24'	-05°26'	+22°47'	-17°40'
Oct 30 1950	-13°35'	-12°28'	-11°19'	-24°38'	-13°26'	+02°40'	+23°25'	-05°31'	+22°47'	-17°44'
Nov 6 1950	-15°48'	-16°46'	-14°22'	-24°45'	-13°20'	+02°24'	+23°25'	-05°37'	+22°48'	-17°49'
Nov 13 1950	-17°48'	-20°23'	-17°08'	-24°39'	-13°11'	+02°09'	+23°26'	-05°42'	+22°49'	-17°52'
Nov 20 1950	-19°33'	-23°11'	-19°32'	-24°20'	-12°59'	+01°55'	+23°27'	-05°47'	+22°51'	-17°56'
Nov 27 1950	-21°01'	-25°01'	-21°29'	-23°47'	-12°43'	+01°43'	+23°28'	-05°51'	+22°53'	-17°59'
Dec 4 1950	-22°09'	-25°47'	-22°55'	-23°01'	-12°25'	+01°33'	+23°29'	-05°55'	+22°56'	-18°01'
Dec 11 1950	-22°57'	-25°23'	-23°48'	-22°03'	-12°04'	+01°24'	+23°30'	-05°59'	+22°59'	-18°03'
Dec 18 1950	-23°22'	-23°56'	-24°05'	-20°52'	-11°40'	+01°17'	+23°31'	-06°02'	+23°02'	-18°05'
Dec 25 1950	-23°24'	-21°59'	-23°46'	-19°30'	-11°14'	+01°13'	+23°33'	-06°04'	+23°06'	-18°05'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 1951	-23°04'	-20°31'	-22°51'	-17°58'	-10°46'	+01°10'	+23°34'	-06°06'	+23°09'	-18°05'
Jan 8 1951	-22°21'	-20°06'	-21°21'	-16°17'	-10°15'	+01°10'	+23°35'	-06°07'	+23°13'	-18°05'
Jan 15 1951	-21°16'	-20°47'	-19°21'	-14°27'	-09°43'	+01°12'	+23°36'	-06°07'	+23°18'	-18°04'
Jan 22 1951	-19°51'	-21°46'	-16°54'	-12°31'	-09°09'	+01°15'	+23°36'	-06°07'	+23°22'	-18°02'
Jan 29 1951	-18°08'	-22°17'	-14°03'	-10°29'	-08°34'	+01°21'	+23°37'	-06°06'	+23°26'	-18°00'
Feb 5 1951	-16°10'	-21°58'	-10°54'	-08°22'	-07°58'	+01°29'	+23°38'	-06°05'	+23°30'	-17°57'
Feb 12 1951	-13°57'	-20°40'	-07°31'	-06°12'	-07°20'	+01°38'	+23°38'	-06°03'	+23°33'	-17°53'
Feb 19 1951	-11°33'	-18°19'	-03°59'	-04°00'	-06°42'	+01°49'	+23°39'	-06°01'	+23°37'	-17°50'
Feb 26 1951	-09°01'	-14°52'	-00°21'	-01°46'	-06°03'	+02°01'	+23°39'	-05°58'	+23°40'	-17°45'
Mar 5 1951	-06°22'	-10°19'	+03°17'	+00°26'	-05°23'	+02°14'	+23°39'	-05°54'	+23°43'	-17°41'
Mar 12 1951	-03°38'	-04°44'	+06°52'	+02°38'	-04°43'	+02°27'	+23°39'	-05°50'	+23°45'	-17°36'
Mar 19 1951	-00°52'	+01°37'	+10°20'	+04°48'	-04°03'	+02°41'	+23°39'	-05°46'	+23°47'	-17°32'
Mar 26 1951	+01°52'	+08°06'	+13°37'	+06°55'	-03°24'	+02°54'	+23°39'	-05°42'	+23°49'	-17°27'
Apr 2 1951	+04°36'	+13°28'	+16°37'	+08°58'	-02°44'	+03°07'	+23°39'	-05°38'	+23°50'	-17°22'
Apr 9 1951	+07°16'	+16°38'	+19°18'	+10°55'	-02°06'	+03°19'	+23°38'	-05°33'	+23°51'	-17°17'
Apr 16 1951	+09°49'	+17°06'	+21°35'	+12°48'	-01°27'	+03°30'	+23°38'	-05°29'	+23°51'	-17°13'
Apr 23 1951	+12°15'	+15°00'	+23°24'	+14°33'	-00°50'	+03°39'	+23°37'	-05°25'	+23°50'	-17°08'
Apr 30 1951	+14°31'	+11°38'	+24°44'	+16°12'	-00°14'	+03°47'	+23°36'	-05°21'	+23°49'	-17°04'
May 7 1951	+16°35'	+09°05'	+25°30'	+17°42'	+00°19'	+03°53'	+23°35'	-05°17'	+23°48'	-17°00'
May 14 1951	+18°25'	+08°27'	+25°43'	+19°04'	+00°52'	+03°57'	+23°34'	-05°13'	+23°46'	-16°57'
May 21 1951	+20°00'	+09°41'	+25°24'	+20°17'	+01°23'	+03°58'	+23°33'	-05°10'	+23°44'	-16°54'
May 28 1951	+21°19'	+12°17'	+24°32'	+21°20'	+01°53'	+03°58'	+23°32'	-05°08'	+23°41'	-16°51'
Jun 4 1951	+22°20'	+15°46'	+23°12'	+22°13'	+02°20'	+03°56'	+23°31'	-05°06'	+23°39'	-16°49'

Jun 11 1951	+23°01'	+19°32'	+21°25'	+22°56'	+02°45'	+03°52'	+23°29'	-05°04'	+23°35'	-16°47'
Jun 18 1951	+23°23'	+22°48'	+19°18'	+23°29'	+03°07'	+03°46'	+23°28'	-05°03'	+23°32'	-16°46'
Jun 25 1951	+23°24'	+24°32'	+16°53'	+23°51'	+03°26'	+03°38'	+23°26'	-05°03'	+23°28'	-16°45'
Jul 2 1951	+23°06'	+24°04'	+14°16'	+24°02'	+03°43'	+03°29'	+23°24'	-05°03'	+23°24'	-16°45'
Jul 9 1951	+22°27'	+21°40'	+11°31'	+24°04'	+03°56'	+03°17'	+23°22'	-05°04'	+23°20'	-16°45'
Jul 16 1951	+21°30'	+18°06'	+08°45'	+23°55'	+04°06'	+03°04'	+23°21'	-05°06'	+23°16'	-16°46'
Jul 23 1951	+20°15'	+13°59'	+06°02'	+23°36'	+04°12'	+02°50'	+23°19'	-05°08'	+23°12'	-16°47'
Jul 30 1951	+18°43'	+09°48'	+03°30'	+23°08'	+04°15'	+02°35'	+23°17'	-05°11'	+23°08'	-16°48'
Aug 6 1951	+16°56'	+06°02'	+01°17'	+22°31'	+04°14'	+02°18'	+23°15'	-05°14'	+23°04'	-16°50'
Aug 13 1951	+14°55'	+03°10'	-00°23'	+21°46'	+04°09'	+02°01'	+23°13'	-05°18'	+23°01'	-16°53'
Aug 20 1951	+12°43'	+01°58'	-01°20'	+20°53'	+04°01'	+01°42'	+23°11'	-05°22'	+22°57'	-16°55'
Aug 27 1951	+10°21'	+03°16'	-01°20'	+19°53'	+03°49'	+01°23'	+23°10'	-05°26'	+22°53'	-16°58'
Sep 3 1951	+07°51'	+06°41'	-00°22'	+18°47'	+03°34'	+01°03'	+23°08'	-05°31'	+22°50'	-17°02'
Sep 10 1951	+05°15'	+09°45'	+01°16'	+17°34'	+03°16'	+00°43'	+23°07'	-05°36'	+22°47'	-17°05'
Sep 17 1951	+02°34'	+10°05'	+03°05'	+16°17'	+02°56'	+00°23'	+23°06'	-05°42'	+22°45'	-17°09'
Sep 24 1951	-00°08'	+07°21'	+04°38'	+14°55'	+02°35'	+00°02'	+23°05'	-05°48'	+22°42'	-17°12'
Oct 1 1951	-02°51'	+02°41'	+05°38'	+13°30'	+02°13'	-00°17'	+23°04'	-05°53'	+22°41'	-17°16'
Oct 8 1951	-05°33'	-02°37'	+06°01'	+12°01'	+01°51'	-00°37'	+23°04'	-05°59'	+22°39'	-17°19'
Oct 15 1951	-08°12'	-07°52'	+05°47'	+10°29'	+01°30'	-00°57'	+23°03'	-06°05'	+22°38'	-17°22'
Oct 22 1951	-10°45'	-12°43'	+04°59'	+08°56'	+01°10'	-01°16'	+23°04'	-06°11'	+22°38'	-17°25'
Oct 29 1951	-13°10'	-16°59'	+03°42'	+07°22'	+00°53'	-01°35'	+23°04'	-06°17'	+22°38'	-17°28'
Nov 5 1951	-15°25'	-20°34'	+01°59'	+05°46'	+00°40'	-01°53'	+23°05'	-06°22'	+22°39'	-17°30'
Nov 12 1951	-17°28'	-23°19'	-00°03'	+04°11'	+00°29'	-02°10'	+23°05'	-06°28'	+22°40'	-17°32'
Nov 19 1951	-19°16'	-25°06'	-02°22'	+02°36'	+00°23'	-02°25'	+23°07'	-06°32'	+22°41'	-17°33'
Nov 26 1951	-20°47'	-25°48'	-04°51'	+01°01'	+00°20'	-02°40'	+23°08'	-06°37'	+22°43'	-17°34'
Dec 3 1951	-21°59'	-25°19'	-07°27'	-00°30'	+00°22'	-02°53'	+23°09'	-06°41'	+22°46'	-17°34'
Dec 10 1951	-22°50'	-23°45'	-10°03'	-02°01'	+00°27'	-03°05'	+23°11'	-06°45'	+22°49'	-17°34'
Dec 17 1951	-23°19'	-21°23'	-12°36'	-03°29'	+00°37'	-03°14'	+23°13'	-06°48'	+22°52'	-17°33'
Dec 24 1951	-23°26'	-19°46'	-15°00'	-04°54'	+00°50'	-03°22'	+23°14'	-06°51'	+22°56'	-17°32'
Dec 31 1951	-23°09'	-20°13'	-17°10'	-06°15'	+01°07'	-03°29'	+23°16'	-06°53'	+23°00'	-17°30'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 1952	-22°30'	-21°36'	-19°02'	-07°32'	+01°27'	-03°33'	+23°18'	-06°54'	+23°04'	-17°27'
Jan 14 1952	-21°29'	-22°49'	-20°31'	-08°45'	+01°50'	-03°35'	+23°19'	-06°55'	+23°08'	-17°24'
Jan 21 1952	-20°08'	-23°20'	-21°35'	-09°54'	+02°16'	-03°35'	+23°21'	-06°55'	+23°12'	-17°20'
Jan 28 1952	-18°28'	-22°55'	-22°08'	-10°56'	+02°44'	-03°33'	+23°22'	-06°54'	+23°17'	-17°16'
Feb 4 1952	-16°32'	-21°25'	-22°11'	-11°54'	+03°15'	-03°30'	+23°24'	-06°53'	+23°21'	-17°11'
Feb 11 1952	-14°22'	-18°48'	-21°42'	-12°45'	+03°47'	-03°24'	+23°25'	-06°52'	+23°25'	-17°06'
Feb 18 1952	-12°00'	-15°01'	-20°41'	-13°30'	+04°21'	-03°17'	+23°25'	-06°49'	+23°28'	-17°01'
Feb 25 1952	-09°28'	-10°05'	-19°10'	-14°09'	+04°55'	-03°07'	+23°26'	-06°47'	+23°32'	-16°55'
Mar 3 1952	-06°50'	-04°10'	-17°13'	-14°42'	+05°31'	-02°57'	+23°27'	-06°43'	+23°35'	-16°49'
Mar 10 1952	-04°07'	+02°08'	-14°51'	-15°07'	+06°08'	-02°46'	+23°27'	-06°40'	+23°37'	-16°44'
Mar 17 1952	-01°22'	+07°35'	-12°10'	-15°25'	+06°45'	-02°33'	+23°27'	-06°36'	+23°40'	-16°38'
Mar 24 1952	+01°23'	+10°42'	-09°12'	-15°35'	+07°23'	-02°20'	+23°27'	-06°32'	+23°41'	-16°32'
Mar 31 1952	+04°07'	+10°34'	-06°01'	-15°38'	+08°00'	-02°07'	+23°26'	-06°28'	+23°43'	-16°27'
Apr 7 1952	+06°48'	+07°38'	-02°42'	-15°32'	+08°37'	-01°55'	+23°26'	-06°23'	+23°43'	-16°21'
Apr 14 1952	+09°22'	+04°10'	+00°39'	-15°19'	+09°14'	-01°42'	+23°25'	-06°19'	+23°44'	-16°16'
Apr 21 1952	+11°50'	+02°16'	+04°03'	-14°57'	+09°51'	-01°31'	+23°24'	-06°15'	+23°43'	-16°12'

Apr 28 1952	+14°07'	+02°25'	+07°23'	-14°29'	+10°27'	-01°21'	+23°23'	-06°10'	+23°42'	-16°08'
May 5 1952	+16°14'	+04°18'	+10°35'	-13°58'	+11°02'	-01°12'	+23°22'	-06°07'	+23°41'	-16°04'
May 12 1952	+18°07'	+07°28'	+13°35'	-13°27'	+11°35'	-01°04'	+23°20'	-06°03'	+23°39'	-16°01'
May 19 1952	+19°45'	+11°31'	+16°19'	-13°01'	+12°08'	-00°59'	+23°18'	-06°00'	+23°37'	-15°59'
May 26 1952	+21°06'	+16°03'	+18°44'	-12°43'	+12°40'	-00°55'	+23°17'	-05°57'	+23°35'	-15°57'
Jun 2 1952	+22°10'	+20°27'	+20°44'	-12°36'	+13°10'	-00°53'	+23°15'	-05°55'	+23°32'	-15°56'
Jun 9 1952	+22°55'	+23°47'	+22°16'	-12°41'	+13°38'	-00°53'	+23°12'	-05°53'	+23°29'	-15°55'
Jun 16 1952	+23°21'	+25°05'	+23°18'	-12°58'	+14°05'	-00°55'	+23°10'	-05°52'	+23°25'	-15°55'
Jun 23 1952	+23°26'	+24°14'	+23°47'	-13°26'	+14°30'	-01°00'	+23°08'	-05°52'	+23°21'	-15°56'
Jun 30 1952	+23°10'	+21°50'	+23°41'	-14°04'	+14°53'	-01°06'	+23°05'	-05°52'	+23°17'	-15°57'
Jul 7 1952	+22°36'	+18°35'	+23°01'	-14°50'	+15°15'	-01°13'	+23°03'	-05°52'	+23°13'	-15°58'
Jul 14 1952	+21°41'	+15°03'	+21°47'	-15°43'	+15°34'	-01°23'	+23°00'	-05°53'	+23°09'	-16°00'
Jul 21 1952	+20°29'	+11°47'	+20°03'	-16°40'	+15°51'	-01°34'	+22°57'	-05°55'	+23°05'	-16°03'
Jul 28 1952	+19°00'	+09°24'	+17°51'	-17°41'	+16°06'	-01°47'	+22°54'	-05°58'	+23°01'	-16°05'
Aug 4 1952	+17°16'	+08°36'	+15°15'	-18°44'	+16°19'	-02°01'	+22°52'	-06°00'	+22°57'	-16°09'
Aug 11 1952	+15°18'	+09°52'	+12°18'	-19°47'	+16°30'	-02°16'	+22°49'	-06°04'	+22°53'	-16°12'
Aug 18 1952	+13°07'	+12°30'	+09°06'	-20°48'	+16°38'	-02°32'	+22°47'	-06°08'	+22°49'	-16°15'
Aug 25 1952	+10°47'	+14°39'	+05°41'	-21°46'	+16°43'	-02°49'	+22°44'	-06°12'	+22°45'	-16°19'
Sep 1 1952	+08°18'	+14°49'	+02°09'	-22°40'	+16°47'	-03°07'	+22°42'	-06°17'	+22°42'	-16°23'
Sep 8 1952	+05°43'	+12°23'	-01°26'	-23°28'	+16°47'	-03°26'	+22°40'	-06°22'	+22°38'	-16°26'
Sep 15 1952	+03°03'	+07°57'	-05°01'	-24°09'	+16°46'	-03°45'	+22°38'	-06°27'	+22°36'	-16°30'
Sep 22 1952	+00°20'	+02°36'	-08°32'	-24°42'	+16°41'	-04°04'	+22°37'	-06°33'	+22°33'	-16°33'
Sep 29 1952	-02°22'	-02°53'	-11°54'	-25°06'	+16°35'	-04°24'	+22°35'	-06°38'	+22°31'	-16°36'
Oct 6 1952	-05°05'	-08°07'	-15°02'	-25°18'	+16°25'	-04°43'	+22°34'	-06°44'	+22°29'	-16°39'
Oct 13 1952	-07°44'	-12°53'	-17°53'	-25°20'	+16°14'	-05°03'	+22°34'	-06°50'	+22°28'	-16°42'
Oct 20 1952	-10°18'	-17°04'	-20°22'	-25°10'	+16°01'	-05°22'	+22°34'	-06°56'	+22°28'	-16°44'
Oct 27 1952	-12°45'	-20°32'	-22°25'	-24°47'	+15°47'	-05°41'	+22°34'	-07°02'	+22°28'	-16°46'
Nov 3 1952	-15°02'	-23°09'	-23°58'	-24°12'	+15°32'	-05°59'	+22°34'	-07°07'	+22°28'	-16°47'
Nov 10 1952	-17°07'	-24°44'	-24°57'	-23°24'	+15°16'	-06°17'	+22°35'	-07°12'	+22°29'	-16°48'
Nov 17 1952	-18°58'	-25°00'	-25°21'	-22°25'	+15°00'	-06°33'	+22°36'	-07°17'	+22°30'	-16°48'
Nov 24 1952	-20°32'	-23°32'	-25°08'	-21°14'	+14°46'	-06°49'	+22°38'	-07°22'	+22°32'	-16°48'
Dec 1 1952	-21°47'	-20°10'	-24°19'	-19°52'	+14°32'	-07°04'	+22°40'	-07°26'	+22°35'	-16°46'
Dec 8 1952	-22°42'	-17°37'	-22°57'	-18°20'	+14°21'	-07°17'	+22°42'	-07°30'	+22°38'	-16°45'
Dec 15 1952	-23°16'	-18°06'	-21°03'	-16°39'	+14°13'	-07°29'	+22°44'	-07°34'	+22°41'	-16°42'
Dec 22 1952	-23°26'	-20°04'	-18°42'	-14°50'	+14°07'	-07°39'	+22°46'	-07°36'	+22°45'	-16°39'
Dec 29 1952	-23°14'	-22°05'	-15°59'	-12°55'	+14°04'	-07°48'	+22°48'	-07°39'	+22°49'	-16°36'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 1953	-22°38'	-23°31'	-12°57'	-10°54'	+14°04'	-07°55'	+22°51'	-07°40'	+22°53'	-16°32'
Jan 12 1953	-21°41'	-24°03'	-09°41'	-08°49'	+14°08'	-08°01'	+22°53'	-07°41'	+22°57'	-16°27'
Jan 19 1953	-20°23'	-23°33'	-06°15'	-06°40'	+14°14'	-08°04'	+22°55'	-07°42'	+23°01'	-16°22'
Jan 26 1953	-18°47'	-21°54'	-02°46'	-04°29'	+14°24'	-08°06'	+22°57'	-07°42'	+23°06'	-16°16'
Feb 2 1953	-16°53'	-19°02'	+00°44'	-02°17'	+14°36'	-08°06'	+22°59'	-07°41'	+23°10'	-16°10'
Feb 9 1953	-14°46'	-14°58'	+04°10'	-00°05'	+14°51'	-08°04'	+23°01'	-07°39'	+23°14'	-16°04'
Feb 16 1953	-12°26'	-09°46'	+07°28'	+02°05'	+15°08'	-08°01'	+23°02'	-07°37'	+23°18'	-15°57'
Feb 23 1953	-09°56'	-03°57'	+10°33'	+04°15'	+15°26'	-07°55'	+23°03'	-07°35'	+23°22'	-15°50'
Mar 2 1953	-07°19'	+01°16'	+13°19'	+06°21'	+15°46'	-07°48'	+23°04'	-07°32'	+23°25'	-15°43'
Mar 9 1953	-04°36'	+04°02'	+15°41'	+08°24'	+16°08'	-07°40'	+23°05'	-07°29'	+23°28'	-15°36'

Mar 16 1953	-01°51'	+03°10'	+17°31'	+10°23'	+16°30'	-07°30'	+23°05'	-07°25'	+23°30'	-15°29'
Mar 23 1953	+00°54'	-00°12'	+18°36'	+12°16'	+16°53'	-07°19'	+23°05'	-07°21'	+23°32'	-15°23'
Mar 30 1953	+03°38'	-03°14'	+18°42'	+14°03'	+17°17'	-07°08'	+23°05'	-07°17'	+23°34'	-15°16'
Apr 6 1953	+06°20'	-04°22'	+17°37'	+15°43'	+17°40'	-06°56'	+23°04'	-07°13'	+23°34'	-15°10'
Apr 13 1953	+08°56'	-03°34'	+15°26'	+17°15'	+18°04'	-06°44'	+23°04'	-07°08'	+23°35'	-15°05'
Apr 20 1953	+11°24'	-01°16'	+12°40'	+18°40'	+18°27'	-06°33'	+23°02'	-07°04'	+23°35'	-15°00'
Apr 27 1953	+13°44'	+02°13'	+10°02'	+19°56'	+18°50'	-06°21'	+23°01'	-07°00'	+23°34'	-14°55'
May 4 1953	+15°52'	+06°38'	+08°07'	+21°03'	+19°13'	-06°11'	+22°59'	-06°56'	+23°33'	-14°51'
May 11 1953	+17°48'	+11°40'	+07°06'	+22°00'	+19°34'	-06°02'	+22°58'	-06°52'	+23°31'	-14°48'
May 18 1953	+19°28'	+16°55'	+06°56'	+22°48'	+19°55'	-05°53'	+22°55'	-06°49'	+23°29'	-14°46'
May 25 1953	+20°53'	+21°34'	+07°27'	+23°25'	+20°15'	-05°47'	+22°53'	-06°46'	+23°27'	-14°44'
Jun 1 1953	+22°00'	+24°35'	+08°31'	+23°52'	+20°33'	-05°42'	+22°50'	-06°44'	+23°24'	-14°43'
Jun 8 1953	+22°49'	+25°26'	+09°57'	+24°09'	+20°51'	-05°38'	+22°48'	-06°42'	+23°21'	-14°43'
Jun 15 1953	+23°17'	+24°27'	+11°38'	+24°15'	+21°07'	-05°37'	+22°45'	-06°40'	+23°17'	-14°44'
Jun 22 1953	+23°26'	+22°18'	+13°25'	+24°11'	+21°22'	-05°37'	+22°42'	-06°40'	+23°13'	-14°45'
Jun 29 1953	+23°15'	+19°37'	+15°14'	+23°57'	+21°35'	-05°39'	+22°38'	-06°39'	+23°09'	-14°47'
Jul 6 1953	+22°43'	+16°59'	+16°58'	+23°34'	+21°47'	-05°43'	+22°35'	-06°40'	+23°05'	-14°49'
Jul 13 1953	+21°52'	+15°03'	+18°31'	+23°02'	+21°58'	-05°49'	+22°31'	-06°41'	+23°01'	-14°52'
Jul 20 1953	+20°43'	+14°22'	+19°50'	+22°20'	+22°08'	-05°57'	+22°28'	-06°42'	+22°56'	-14°56'
Jul 27 1953	+19°17'	+15°10'	+20°50'	+21°31'	+22°16'	-06°06'	+22°24'	-06°44'	+22°52'	-15°00'
Aug 3 1953	+17°35'	+16°50'	+21°28'	+20°34'	+22°23'	-06°16'	+22°21'	-06°47'	+22°48'	-15°04'
Aug 10 1953	+15°39'	+18°20'	+21°40'	+19°29'	+22°29'	-06°28'	+22°17'	-06°50'	+22°43'	-15°08'
Aug 17 1953	+13°31'	+18°36'	+21°25'	+18°19'	+22°34'	-06°42'	+22°14'	-06°54'	+22°39'	-15°13'
Aug 24 1953	+11°12'	+16°48'	+20°41'	+17°02'	+22°38'	-06°56'	+22°11'	-06°58'	+22°35'	-15°17'
Aug 31 1953	+08°45'	+12°55'	+19°30'	+15°40'	+22°41'	-07°11'	+22°08'	-07°02'	+22°32'	-15°22'
Sep 7 1953	+06°11'	+07°48'	+17°51'	+14°13'	+22°43'	-07°27'	+22°05'	-07°07'	+22°28'	-15°26'
Sep 14 1953	+03°32'	+02°17'	+15°48'	+12°43'	+22°45'	-07°44'	+22°02'	-07°12'	+22°25'	-15°30'
Sep 21 1953	+00°49'	-03°08'	+13°23'	+11°08'	+22°47'	-08°01'	+22°00'	-07°17'	+22°22'	-15°34'
Sep 28 1953	-01°53'	-08°14'	+10°38'	+09°31'	+22°47'	-08°19'	+21°58'	-07°23'	+22°20'	-15°37'
Oct 5 1953	-04°36'	-12°50'	+07°38'	+07°51'	+22°48'	-08°37'	+21°57'	-07°29'	+22°18'	-15°41'
Oct 12 1953	-07°16'	-16°50'	+04°26'	+06°10'	+22°48'	-08°55'	+21°56'	-07°34'	+22°17'	-15°43'
Oct 19 1953	-09°52'	-20°03'	+01°07'	+04°27'	+22°48'	-09°13'	+21°55'	-07°40'	+22°16'	-15°45'
Oct 26 1953	-12°20'	-22°15'	-02°15'	+02°44'	+22°48'	-09°31'	+21°55'	-07°46'	+22°16'	-15°47'
Nov 2 1953	-14°39'	-22°57'	-05°37'	+01°00'	+22°48'	-09°48'	+21°55'	-07°51'	+22°16'	-15°48'
Nov 9 1953	-16°46'	-21°19'	-08°55'	-00°43'	+22°47'	-10°06'	+21°56'	-07°57'	+22°17'	-15°48'
Nov 16 1953	-18°39'	-17°03'	-12°03'	-02°26'	+22°46'	-10°22'	+21°57'	-08°02'	+22°18'	-15°48'
Nov 23 1953	-20°17'	-14°00'	-14°57'	-04°07'	+22°45'	-10°38'	+21°58'	-08°07'	+22°20'	-15°47'
Nov 30 1953	-21°35'	-14°43'	-17°33'	-05°47'	+22°43'	-10°53'	+22°00'	-08°11'	+22°22'	-15°45'
Dec 7 1953	-22°34'	-17°18'	-19°46'	-07°24'	+22°41'	-11°06'	+22°02'	-08°15'	+22°25'	-15°42'
Dec 14 1953	-23°11'	-20°09'	-21°32'	-08°59'	+22°38'	-11°19'	+22°05'	-08°19'	+22°28'	-15°39'
Dec 21 1953	-23°26'	-22°30'	-22°47'	-10°30'	+22°35'	-11°31'	+22°08'	-08°22'	+22°32'	-15°35'
Dec 28 1953	-23°18'	-24°03'	-23°28'	-11°58'	+22°33'	-11°41'	+22°10'	-08°24'	+22°36'	-15°31'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 1954	-22°46'	-24°35'	-23°34'	-13°21'	+22°30'	-11°50'	+22°13'	-08°26'	+22°40'	-15°26'
Jan 11 1954	-21°53'	-24°01'	-23°04'	-14°40'	+22°27'	-11°58'	+22°16'	-08°27'	+22°44'	-15°20'
Jan 18 1954	-20°39'	-22°13'	-21°59'	-15°54'	+22°25'	-12°04'	+22°19'	-08°28'	+22°49'	-15°14'
Jan 25 1954	-19°05'	-19°10'	-20°22'	-17°02'	+22°24'	-12°08'	+22°22'	-08°28'	+22°53'	-15°07'



Feb 1 1954	-17°15'	-14°55'	-18°15'	-18°06'	+22°23'	-12°11'	+22°24'	-08°28'	+22°58'	-15°00'
Feb 8 1954	-15°09'	-09°50'	-15°43'	-19°03'	+22°24'	-12°12'	+22°27'	-08°27'	+23°02'	-14°53'
Feb 15 1954	-12°51'	-05°07'	-12°50'	-19°54'	+22°25'	-12°12'	+22°29'	-08°25'	+23°06'	-14°45'
Feb 22 1954	-10°23'	-02°48'	-09°40'	-20°40'	+22°28'	-12°10'	+22°31'	-08°23'	+23°10'	-14°37'
Mar 1 1954	-07°47'	-04°12'	-06°17'	-21°20'	+22°31'	-12°07'	+22°32'	-08°20'	+23°13'	-14°29'
Mar 8 1954	-05°05'	-07°27'	-02°46'	-21°54'	+22°35'	-12°02'	+22°33'	-08°17'	+23°16'	-14°21'
Mar 15 1954	-02°21'	-09°47'	+00°48'	-22°23'	+22°40'	-11°56'	+22°34'	-08°13'	+23°19'	-14°14'
Mar 22 1954	+00°24'	-10°17'	+04°22'	-22°47'	+22°45'	-11°48'	+22°34'	-08°10'	+23°21'	-14°06'
Mar 29 1954	+03°09'	-09°09'	+07°52'	-23°07'	+22°50'	-11°40'	+22°34'	-08°06'	+23°23'	-13°59'
Apr 5 1954	+05°51'	-06°41'	+11°13'	-23°24'	+22°56'	-11°30'	+22°34'	-08°02'	+23°24'	-13°52'
Apr 12 1954	+08°28'	-03°06'	+14°22'	-23°38'	+23°01'	-11°20'	+22°33'	-07°57'	+23°25'	-13°46'
Apr 19 1954	+10°58'	+01°24'	+17°13'	-23°51'	+23°06'	-11°10'	+22°32'	-07°53'	+23°25'	-13°40'
Apr 26 1954	+13°20'	+06°42'	+19°42'	-24°04'	+23°10'	-10°59'	+22°30'	-07°49'	+23°24'	-13°35'
May 3 1954	+15°30'	+12°27'	+21°46'	-24°19'	+23°14'	-10°49'	+22°29'	-07°45'	+23°23'	-13°31'
May 10 1954	+17°28'	+18°05'	+23°21'	-24°36'	+23°17'	-10°39'	+22°26'	-07°41'	+23°22'	-13°27'
May 17 1954	+19°12'	+22°34'	+24°23'	-24°56'	+23°19'	-10°30'	+22°24'	-07°38'	+23°20'	-13°24'
May 24 1954	+20°39'	+25°05'	+24°51'	-25°21'	+23°21'	-10°22'	+22°21'	-07°35'	+23°17'	-13°22'
May 31 1954	+21°50'	+25°37'	+24°45'	-25°50'	+23°21'	-10°15'	+22°18'	-07°32'	+23°14'	-13°21'
Jun 7 1954	+22°42'	+24°42'	+24°03'	-26°23'	+23°20'	-10°09'	+22°15'	-07°30'	+23°11'	-13°21'
Jun 14 1954	+23°14'	+22°56'	+22°49'	-26°56'	+23°18'	-10°05'	+22°11'	-07°28'	+23°07'	-13°22'
Jun 21 1954	+23°26'	+20°55'	+21°04'	-27°27'	+23°15'	-10°02'	+22°07'	-07°27'	+23°04'	-13°23'
Jun 28 1954	+23°18'	+19°10'	+18°52'	-27°52'	+23°10'	-10°01'	+22°03'	-07°27'	+22°59'	-13°25'
Jul 5 1954	+22°50'	+18°11'	+16°17'	-28°10'	+23°05'	-10°02'	+21°59'	-07°27'	+22°55'	-13°28'
Jul 12 1954	+22°03'	+18°14'	+13°23'	-28°19'	+22°58'	-10°04'	+21°55'	-07°27'	+22°51'	-13°32'
Jul 19 1954	+20°57'	+19°11'	+10°13'	-28°22'	+22°51'	-10°08'	+21°51'	-07°29'	+22°46'	-13°36'
Jul 26 1954	+19°33'	+20°28'	+06°53'	-28°20'	+22°42'	-10°13'	+21°46'	-07°30'	+22°42'	-13°41'
Aug 2 1954	+17°54'	+21°10'	+03°25'	-28°15'	+22°33'	-10°20'	+21°42'	-07°33'	+22°37'	-13°46'
Aug 9 1954	+16°01'	+20°17'	-00°05'	-28°08'	+22°22'	-10°29'	+21°38'	-07°36'	+22°33'	-13°51'
Aug 16 1954	+13°55'	+17°19'	-03°36'	-27°59'	+22°12'	-10°39'	+21°34'	-07°39'	+22°28'	-13°56'
Aug 23 1954	+11°38'	+12°46'	-07°04'	-27°49'	+22°00'	-10°50'	+21°30'	-07°43'	+22°24'	-14°02'
Aug 30 1954	+09°12'	+07°29'	-10°25'	-27°35'	+21°49'	-11°02'	+21°26'	-07°47'	+22°20'	-14°07'
Sep 6 1954	+06°39'	+02°03'	-13°36'	-27°17'	+21°37'	-11°15'	+21°22'	-07°52'	+22°17'	-14°12'
Sep 13 1954	+04°00'	-03°11'	-16°33'	-26°54'	+21°25'	-11°28'	+21°19'	-07°57'	+22°13'	-14°17'
Sep 20 1954	+01°18'	-08°03'	-19°14'	-26°25'	+21°14'	-11°43'	+21°16'	-08°02'	+22°10'	-14°22'
Sep 27 1954	-01°24'	-12°23'	-21°34'	-25°48'	+21°04'	-11°58'	+21°13'	-08°07'	+22°08'	-14°26'
Oct 4 1954	-04°08'	-15°58'	-23°31'	-25°03'	+20°54'	-12°13'	+21°11'	-08°13'	+22°06'	-14°29'
Oct 11 1954	-06°48'	-18°30'	-25°02'	-24°09'	+20°45'	-12°29'	+21°09'	-08°18'	+22°04'	-14°32'
Oct 18 1954	-09°25'	-19°19'	-26°00'	-23°07'	+20°37'	-12°45'	+21°08'	-08°24'	+22°03'	-14°35'
Oct 25 1954	-11°54'	-17°17'	-26°19'	-21°56'	+20°31'	-13°01'	+21°07'	-08°30'	+22°02'	-14°37'
Nov 1 1954	-14°15'	-12°25'	-25°49'	-20°36'	+20°27'	-13°17'	+21°07'	-08°35'	+22°02'	-14°38'
Nov 8 1954	-16°24'	-09°18'	-24°21'	-19°08'	+20°24'	-13°32'	+21°07'	-08°41'	+22°03'	-14°38'
Nov 15 1954	-18°20'	-10°21'	-22°00'	-17°32'	+20°24'	-13°47'	+21°08'	-08°46'	+22°04'	-14°38'
Nov 22 1954	-20°01'	-13°33'	-19°13'	-15°50'	+20°26'	-14°02'	+21°10'	-08°51'	+22°06'	-14°36'
Nov 29 1954	-21°23'	-17°10'	-16°43'	-14°01'	+20°29'	-14°16'	+21°12'	-08°55'	+22°08'	-14°35'
Dec 6 1954	-22°25'	-20°24'	-15°00'	-12°07'	+20°35'	-14°29'	+21°14'	-08°59'	+22°11'	-14°32'
Dec 13 1954	-23°06'	-22°54'	-14°12'	-10°08'	+20°42'	-14°41'	+21°16'	-09°03'	+22°14'	-14°28'
Dec 20 1954	-23°25'	-24°29'	-14°12'	-08°06'	+20°52'	-14°53'	+21°19'	-09°06'	+22°17'	-14°24'

Dec 27 1954	-23°21'	-25°01'	-14°47'	-06°02'	+21°02'	-15°04'	+21°23'	-09°09'	+22°21'	-14°19'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 1955	-22°53'	-24°22'	-15°44'	-03°55'	+21°13'	-15°13'	+21°26'	-09°11'	+22°25'	-14°13'
Jan 10 1955	-22°04'	-22°28'	-16°52'	-01°48'	+21°24'	-15°21'	+21°29'	-09°13'	+22°30'	-14°07'
Jan 17 1955	-20°53'	-19°19'	-18°02'	+00°18'	+21°35'	-15°29'	+21°33'	-09°14'	+22°34'	-14°00'
Jan 24 1955	-19°23'	-15°13'	-19°05'	+02°24'	+21°46'	-15°35'	+21°36'	-09°14'	+22°39'	-13°53'
Jan 31 1955	-17°35'	-11°11'	-19°56'	+04°29'	+21°56'	-15°39'	+21°39'	-09°14'	+22°43'	-13°45'
Feb 7 1955	-15°32'	-09°19'	-20°29'	+06°30'	+22°04'	-15°43'	+21°43'	-09°13'	+22°48'	-13°37'
Feb 14 1955	-13°16'	-10°46'	-20°39'	+08°29'	+22°12'	-15°45'	+21°45'	-09°12'	+22°52'	-13°29'
Feb 21 1955	-10°50'	-13°24'	-20°24'	+10°24'	+22°18'	-15°45'	+21°48'	-09°10'	+22°56'	-13°20'
Feb 28 1955	-08°15'	-15°02'	-19°43'	+12°13'	+22°22'	-15°45'	+21°50'	-09°07'	+23°00'	-13°12'
Mar 7 1955	-05°34'	-15°12'	-18°35'	+13°58'	+22°25'	-15°43'	+21°52'	-09°04'	+23°03'	-13°03'
Mar 14 1955	-02°50'	-14°02'	-17°02'	+15°36'	+22°27'	-15°40'	+21°53'	-09°01'	+23°06'	-12°55'
Mar 21 1955	-00°04'	-11°41'	-15°04'	+17°07'	+22°27'	-15°36'	+21°54'	-08°58'	+23°09'	-12°46'
Mar 28 1955	+02°40'	-08°15'	-12°46'	+18°31'	+22°25'	-15°30'	+21°54'	-08°54'	+23°11'	-12°38'
Apr 4 1955	+05°23'	-03°51'	-10°10'	+19°48'	+22°22'	-15°24'	+21°54'	-08°50'	+23°12'	-12°31'
Apr 11 1955	+08°01'	+01°25'	-07°19'	+20°55'	+22°18'	-15°17'	+21°53'	-08°46'	+23°13'	-12°24'
Apr 18 1955	+10°32'	+07°23'	-04°17'	+21°54'	+22°13'	-15°09'	+21°52'	-08°41'	+23°13'	-12°17'
Apr 25 1955	+12°55'	+13°36'	-01°08'	+22°44'	+22°06'	-15°01'	+21°51'	-08°37'	+23°13'	-12°12'
May 2 1955	+15°08'	+19°11'	+02°04'	+23°24'	+21°57'	-14°53'	+21°49'	-08°33'	+23°12'	-12°07'
May 9 1955	+17°08'	+23°08'	+05°16'	+23°54'	+21°48'	-14°44'	+21°47'	-08°30'	+23°10'	-12°02'
May 16 1955	+18°54'	+25°05'	+08°25'	+24°15'	+21°37'	-14°36'	+21°44'	-08°26'	+23°08'	-11°59'
May 23 1955	+20°25'	+25°19'	+11°25'	+24°26'	+21°24'	-14°28'	+21°41'	-08°23'	+23°06'	-11°57'
May 30 1955	+21°39'	+24°21'	+14°13'	+24°26'	+21°10'	-14°20'	+21°38'	-08°20'	+23°03'	-11°55'
Jun 6 1955	+22°34'	+22°36'	+16°46'	+24°17'	+20°55'	-14°14'	+21°34'	-08°18'	+23°00'	-11°55'
Jun 13 1955	+23°10'	+20°35'	+18°58'	+23°59'	+20°39'	-14°08'	+21°30'	-08°16'	+22°56'	-11°55'
Jun 20 1955	+23°25'	+19°00'	+20°47'	+23°31'	+20°21'	-14°04'	+21°25'	-08°14'	+22°52'	-11°56'
Jun 27 1955	+23°21'	+18°32'	+22°09'	+22°55'	+20°02'	-14°00'	+21°21'	-08°14'	+22°48'	-11°59'
Jul 4 1955	+22°57'	+19°19'	+23°00'	+22°10'	+19°41'	-13°58'	+21°16'	-08°13'	+22°44'	-12°02'
Jul 11 1955	+22°13'	+20°51'	+23°19'	+21°17'	+19°20'	-13°58'	+21°11'	-08°14'	+22°39'	-12°06'
Jul 18 1955	+21°10'	+22°18'	+23°04'	+20°16'	+18°58'	-13°58'	+21°06'	-08°15'	+22°35'	-12°10'
Jul 25 1955	+19°49'	+22°34'	+22°16'	+19°09'	+18°34'	-14°01'	+21°01'	-08°16'	+22°30'	-12°15'
Aug 1 1955	+18°13'	+20°51'	+20°57'	+17°55'	+18°10'	-14°04'	+20°56'	-08°18'	+22°25'	-12°20'
Aug 8 1955	+16°22'	+17°14'	+19°07'	+16°36'	+17°45'	-14°09'	+20°51'	-08°21'	+22°21'	-12°26'
Aug 15 1955	+14°18'	+12°28'	+16°51'	+15°11'	+17°20'	-14°16'	+20°46'	-08°24'	+22°16'	-12°32'
Aug 22 1955	+12°03'	+07°17'	+14°12'	+13°41'	+16°54'	-14°23'	+20°41'	-08°27'	+22°12'	-12°38'
Aug 29 1955	+09°38'	+02°04'	+11°14'	+12°08'	+16°27'	-14°32'	+20°36'	-08°31'	+22°08'	-12°45'
Sep 5 1955	+07°06'	-02°51'	+08°00'	+10°30'	+16°01'	-14°41'	+20°32'	-08°36'	+22°04'	-12°50'
Sep 12 1955	+04°29'	-07°20'	+04°36'	+08°50'	+15°35'	-14°52'	+20°28'	-08°41'	+22°00'	-12°56'
Sep 19 1955	+01°47'	-11°04'	+01°05'	+07°07'	+15°09'	-15°03'	+20°24'	-08°46'	+21°57'	-13°02'
Sep 26 1955	-00°55'	-13°40'	-02°28'	+05°22'	+14°43'	-15°15'	+20°20'	-08°51'	+21°54'	-13°06'
Oct 3 1955	-03°39'	-14°19'	-05°59'	+03°35'	+14°18'	-15°27'	+20°17'	-08°56'	+21°52'	-13°11'
Oct 10 1955	-06°20'	-11°49'	-09°25'	+01°47'	+13°55'	-15°40'	+20°15'	-09°02'	+21°50'	-13°15'
Oct 17 1955	-08°57'	-06°46'	-12°41'	-00°00'	+13°32'	-15°53'	+20°13'	-09°07'	+21°49'	-13°18'
Oct 24 1955	-11°28'	-03°56'	-15°42'	-01°48'	+13°11'	-16°06'	+20°12'	-09°13'	+21°48'	-13°20'
Oct 31 1955	-13°51'	-05°20'	-18°23'	-03°36'	+12°52'	-16°19'	+20°11'	-09°18'	+21°47'	-13°21'
Nov 7 1955	-16°02'	-09°03'	-20°41'	-05°22'	+12°35'	-16°32'	+20°11'	-09°24'	+21°48'	-13°22'

Nov 14 1955	-18°01'	-13°20'	-22°30'	-07°07'	+12°20'	-16°45'	+20°11'	-09°29'	+21°49'	-13°22'
Nov 21 1955	-19°44'	-17°20'	-23°47'	-08°49'	+12°08'	-16°57'	+20°12'	-09°34'	+21°50'	-13°21'
Nov 28 1955	-21°10'	-20°43'	-24°30'	-10°29'	+11°58'	-17°09'	+20°14'	-09°38'	+21°52'	-13°19'
Dec 5 1955	-22°16'	-23°16'	-24°36'	-12°05'	+11°52'	-17°21'	+20°16'	-09°43'	+21°55'	-13°17'
Dec 12 1955	-23°01'	-24°52'	-24°06'	-13°38'	+11°49'	-17°32'	+20°19'	-09°47'	+21°58'	-13°13'
Dec 19 1955	-23°23'	-25°23'	-22°59'	-15°06'	+11°50'	-17°42'	+20°22'	-09°50'	+22°01'	-13°09'
Dec 26 1955	-23°23'	-24°41'	-21°19'	-16°28'	+11°54'	-17°52'	+20°25'	-09°53'	+22°05'	-13°04'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 1956	-23°00'	-22°45'	-19°09'	-17°45'	+12°01'	-18°01'	+20°29'	-09°55'	+22°09'	-12°58'
Jan 9 1956	-22°14'	-19°45'	-16°33'	-18°56'	+12°11'	-18°09'	+20°33'	-09°57'	+22°14'	-12°52'
Jan 16 1956	-21°07'	-16°34'	-13°35'	-19°59'	+12°25'	-18°16'	+20°37'	-09°58'	+22°18'	-12°44'
Jan 23 1956	-19°40'	-14°57'	-10°20'	-20°55'	+12°41'	-18°22'	+20°41'	-09°59'	+22°23'	-12°37'
Jan 30 1956	-17°56'	-15°54'	-06°53'	-21°44'	+12°58'	-18°27'	+20°45'	-09°59'	+22°28'	-12°29'
Feb 6 1956	-15°55'	-17°39'	-03°17'	-22°24'	+13°17'	-18°31'	+20°48'	-09°58'	+22°32'	-12°20'
Feb 13 1956	-13°41'	-18°47'	+00°23'	-22°55'	+13°37'	-18°34'	+20°52'	-09°57'	+22°37'	-12°11'
Feb 20 1956	-11°16'	-18°56'	+04°03'	-23°18'	+13°57'	-18°36'	+20°55'	-09°56'	+22°41'	-12°02'
Feb 27 1956	-08°43'	-18°02'	+07°38'	-23°32'	+14°15'	-18°38'	+20°58'	-09°54'	+22°45'	-11°53'
Mar 5 1956	-06°03'	-16°03'	+11°06'	-23°36'	+14°33'	-18°38'	+21°00'	-09°51'	+22°49'	-11°44'
Mar 12 1956	-03°19'	-13°00'	+14°22'	-23°32'	+14°48'	-18°37'	+21°02'	-09°48'	+22°52'	-11°35'
Mar 19 1956	-00°33'	-08°57'	+17°22'	-23°18'	+15°01'	-18°36'	+21°04'	-09°45'	+22°54'	-11°26'
Mar 26 1956	+02°11'	-03°55'	+20°03'	-22°57'	+15°11'	-18°33'	+21°04'	-09°41'	+22°56'	-11°18'
Apr 2 1956	+04°54'	+01°57'	+22°22'	-22°27'	+15°18'	-18°30'	+21°05'	-09°37'	+22°58'	-11°10'
Apr 9 1956	+07°33'	+08°24'	+24°16'	-21°49'	+15°23'	-18°26'	+21°05'	-09°33'	+22°59'	-11°02'
Apr 16 1956	+10°06'	+14°41'	+25°44'	-21°05'	+15°24'	-18°21'	+21°04'	-09°29'	+23°00'	-10°55'
Apr 23 1956	+12°31'	+19°42'	+26°45'	-20°15'	+15°22'	-18°16'	+21°03'	-09°25'	+22°59'	-10°48'
Apr 30 1956	+14°45'	+22°46'	+27°19'	-19°19'	+15°18'	-18°10'	+21°01'	-09°21'	+22°59'	-10°43'
May 7 1956	+16°48'	+23°51'	+27°28'	-18°18'	+15°10'	-18°04'	+20°59'	-09°17'	+22°57'	-10°38'
May 14 1956	+18°37'	+23°12'	+27°15'	-17°15'	+15°00'	-17°58'	+20°56'	-09°14'	+22°56'	-10°34'
May 21 1956	+20°10'	+21°11'	+26°44'	-16°09'	+14°47'	-17°51'	+20°53'	-09°10'	+22°53'	-10°31'
May 28 1956	+21°27'	+18°34'	+25°57'	-15°01'	+14°32'	-17°45'	+20°49'	-09°07'	+22°51'	-10°29'
Jun 4 1956	+22°25'	+16°38'	+24°56'	-13°54'	+14°14'	-17°39'	+20°45'	-09°05'	+22°47'	-10°28'
Jun 11 1956	+23°05'	+16°15'	+23°41'	-12°48'	+13°55'	-17°34'	+20°41'	-09°03'	+22°44'	-10°28'
Jun 18 1956	+23°24'	+17°25'	+22°12'	-11°45'	+13°33'	-17°29'	+20°36'	-09°01'	+22°40'	-10°29'
Jun 25 1956	+23°23'	+19°32'	+20°39'	-10°46'	+13°10'	-17°25'	+20°31'	-09°00'	+22°36'	-10°31'
Jul 2 1956	+23°02'	+21°53'	+19°16'	-09°53'	+12°44'	-17°22'	+20°25'	-09°00'	+22°31'	-10°33'
Jul 9 1956	+22°22'	+23°27'	+18°20'	-09°07'	+12°17'	-17°19'	+20°20'	-09°00'	+22°26'	-10°37'
Jul 16 1956	+21°22'	+23°15'	+17°54'	-08°31'	+11°49'	-17°18'	+20°14'	-09°00'	+22°22'	-10°42'
Jul 23 1956	+20°05'	+20°55'	+17°55'	-08°05'	+11°19'	-17°18'	+20°08'	-09°02'	+22°17'	-10°47'
Jul 30 1956	+18°31'	+17°01'	+18°13'	-07°51'	+10°49'	-17°19'	+20°03'	-09°03'	+22°12'	-10°52'
Aug 6 1956	+16°43'	+12°20'	+18°36'	-07°50'	+10°17'	-17°21'	+19°57'	-09°06'	+22°07'	-10°59'
Aug 13 1956	+14°41'	+07°23'	+18°56'	-08°02'	+09°44'	-17°25'	+19°51'	-09°08'	+22°02'	-11°05'
Aug 20 1956	+12°28'	+02°34'	+19°07'	-08°25'	+09°11'	-17°29'	+19°45'	-09°12'	+21°58'	-11°12'
Aug 27 1956	+10°05'	-01°51'	+19°01'	-08°56'	+08°37'	-17°34'	+19°40'	-09°15'	+21°53'	-11°18'
Sep 3 1956	+07°34'	-05°33'	+18°36'	-09°32'	+08°02'	-17°40'	+19°34'	-09°20'	+21°49'	-11°25'
Sep 10 1956	+04°57'	-07°59'	+17°49'	-10°05'	+07°28'	-17°47'	+19°29'	-09°24'	+21°45'	-11°31'
Sep 17 1956	+02°16'	-08°15'	+16°39'	-10°29'	+06°53'	-17°55'	+19°25'	-09°29'	+21°42'	-11°38'
Sep 24 1956	-00°26'	-05°21'	+15°05'	-10°41'	+06°19'	-18°04'	+19°20'	-09°34'	+21°39'	-11°43'

Oct 1 1956	-03°10'	-00°36'	+13°09'	-10°38'	+05°45'	-18°13'	+19°17'	-09°39'	+21°36'	-11°48'
Oct 8 1956	-05°52'	+01°42'	+10°53'	-10°19'	+05°11'	-18°22'	+19°13'	-09°45'	+21°34'	-11°53'
Oct 15 1956	-08°30'	+00°01'	+08°19'	-09°45'	+04°39'	-18°32'	+19°11'	-09°50'	+21°33'	-11°57'
Oct 22 1956	-11°02'	-04°02'	+05°31'	-08°58'	+04°07'	-18°42'	+19°08'	-09°55'	+21°31'	-12°00'
Oct 29 1956	-13°26'	-08°49'	+02°31'	-08°00'	+03°36'	-18°52'	+19°07'	-10°01'	+21°31'	-12°02'
Nov 5 1956	-15°40'	-13°28'	-00°35'	-06°51'	+03°07'	-19°01'	+19°06'	-10°06'	+21°31'	-12°03'
Nov 12 1956	-17°41'	-17°36'	-03°46'	-05°35'	+02°40'	-19°11'	+19°06'	-10°11'	+21°32'	-12°03'
Nov 19 1956	-19°27'	-21°01'	-06°55'	-04°12'	+02°15'	-19°21'	+19°07'	-10°16'	+21°33'	-12°03'
Nov 26 1956	-20°56'	-23°35'	-10°00'	-02°43'	+01°51'	-19°30'	+19°08'	-10°21'	+21°35'	-12°01'
Dec 3 1956	-22°06'	-25°11'	-12°55'	-01°10'	+01°31'	-19°39'	+19°10'	-10°25'	+21°37'	-11°59'
Dec 10 1956	-22°54'	-25°40'	-15°36'	+00°25'	+01°13'	-19°48'	+19°12'	-10°29'	+21°40'	-11°56'
Dec 17 1956	-23°21'	-24°58'	-17°58'	+02°04'	+00°58'	-19°56'	+19°16'	-10°33'	+21°44'	-11°52'
Dec 24 1956	-23°25'	-23°10'	-19°58'	+03°45'	+00°46'	-20°03'	+19°19'	-10°36'	+21°47'	-11°47'
Dec 31 1956	-23°06'	-20°49'	-21°30'	+05°27'	+00°37'	-20°10'	+19°23'	-10°39'	+21°51'	-11°41'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 1957	-22°24'	-19°14'	-22°31'	+07°08'	+00°32'	-20°17'	+19°27'	-10°41'	+21°56'	-11°35'
Jan 14 1957	-21°21'	-19°09'	-23°00'	+08°49'	+00°31'	-20°22'	+19°32'	-10°42'	+22°01'	-11°28'
Jan 21 1957	-19°57'	-20°00'	-22°55'	+10°28'	+00°34'	-20°27'	+19°36'	-10°43'	+22°05'	-11°20'
Jan 28 1957	-18°15'	-20°57'	-22°15'	+12°05'	+00°40'	-20°32'	+19°40'	-10°43'	+22°10'	-11°12'
Feb 4 1957	-16°18'	-21°23'	-21°02'	+13°39'	+00°50'	-20°35'	+19°45'	-10°43'	+22°15'	-11°03'
Feb 11 1957	-14°06'	-20°59'	-19°18'	+15°09'	+01°03'	-20°38'	+19°49'	-10°42'	+22°20'	-10°54'
Feb 18 1957	-11°43'	-19°35'	-17°07'	+16°35'	+01°19'	-20°41'	+19°53'	-10°41'	+22°24'	-10°45'
Feb 25 1957	-09°11'	-17°09'	-14°33'	+17°55'	+01°37'	-20°42'	+19°56'	-10°39'	+22°28'	-10°35'
Mar 4 1957	-06°32'	-13°39'	-11°38'	+19°10'	+01°58'	-20°43'	+20°00'	-10°37'	+22°32'	-10°26'
Mar 11 1957	-03°49'	-09°06'	-08°29'	+20°19'	+02°19'	-20°44'	+20°02'	-10°34'	+22°35'	-10°16'
Mar 18 1957	-01°03'	-03°32'	-05°08'	+21°20'	+02°41'	-20°44'	+20°04'	-10°31'	+22°38'	-10°07'
Mar 25 1957	+01°42'	+02°48'	-01°40'	+22°14'	+03°03'	-20°43'	+20°06'	-10°27'	+22°41'	-09°58'
Apr 1 1957	+04°26'	+09°22'	+01°49'	+23°01'	+03°23'	-20°42'	+20°07'	-10°24'	+22°43'	-09°49'
Apr 8 1957	+07°06'	+15°03'	+05°18'	+23°39'	+03°42'	-20°40'	+20°07'	-10°20'	+22°44'	-09°41'
Apr 15 1957	+09°40'	+18°48'	+08°41'	+24°08'	+03°58'	-20°38'	+20°07'	-10°16'	+22°44'	-09°33'
Apr 22 1957	+12°06'	+20°14'	+11°55'	+24°29'	+04°12'	-20°35'	+20°06'	-10°12'	+22°45'	-09°26'
Apr 29 1957	+14°22'	+19°18'	+14°55'	+24°41'	+04°22'	-20°32'	+20°04'	-10°08'	+22°44'	-09°20'
May 6 1957	+16°27'	+16°33'	+17°37'	+24°43'	+04°29'	-20°29'	+20°02'	-10°04'	+22°43'	-09°15'
May 13 1957	+18°18'	+13°32'	+19°56'	+24°37'	+04°32'	-20°26'	+20°00'	-10°01'	+22°41'	-09°10'
May 20 1957	+19°55'	+11°51'	+21°49'	+24°22'	+04°32'	-20°22'	+19°56'	-09°57'	+22°39'	-09°06'
May 27 1957	+21°15'	+12°04'	+23°12'	+23°58'	+04°28'	-20°18'	+19°53'	-09°54'	+22°36'	-09°04'
Jun 3 1957	+22°16'	+13°53'	+24°03'	+23°25'	+04°21'	-20°14'	+19°48'	-09°51'	+22°33'	-09°02'
Jun 10 1957	+22°59'	+16°44'	+24°19'	+22°44'	+04°10'	-20°10'	+19°44'	-09°49'	+22°30'	-09°01'
Jun 17 1957	+23°22'	+19°59'	+23°59'	+21°56'	+03°57'	-20°07'	+19°39'	-09°47'	+22°26'	-09°02'
Jun 24 1957	+23°25'	+22°51'	+23°06'	+21°00'	+03°40'	-20°03'	+19°33'	-09°46'	+22°21'	-09°03'
Jul 1 1957	+23°07'	+24°16'	+21°40'	+19°56'	+03°21'	-20°01'	+19°28'	-09°45'	+22°17'	-09°06'
Jul 8 1957	+22°30'	+23°32'	+19°43'	+18°46'	+02°59'	-19°58'	+19°22'	-09°45'	+22°12'	-09°09'
Jul 15 1957	+21°34'	+20°51'	+17°21'	+17°30'	+02°35'	-19°57'	+19°15'	-09°46'	+22°07'	-09°13'
Jul 22 1957	+20°20'	+16°58'	+14°35'	+16°09'	+02°09'	-19°55'	+19°09'	-09°47'	+22°02'	-09°18'
Jul 29 1957	+18°49'	+12°33'	+11°32'	+14°42'	+01°41'	-19°55'	+19°02'	-09°48'	+21°57'	-09°24'
Aug 5 1957	+17°03'	+08°03'	+08°13'	+13°11'	+01°12'	-19°56'	+18°56'	-09°50'	+21°52'	-09°30'
Aug 12 1957	+15°03'	+03°51'	+04°45'	+11°35'	+00°41'	-19°57'	+18°49'	-09°52'	+21°47'	-09°37'

Aug 19 1957	+12°52'	+00°24'	+01°11'	+09°56'	+00°09'	-19°59'	+18°43'	-09°55'	+21°42'	-09°44'
Aug 26 1957	+10°31'	-01°41'	-02°25'	+08°14'	-00°24'	-20°01'	+18°36'	-09°59'	+21°38'	-09°51'
Sep 2 1957	+08°01'	-01°29'	-06°01'	+06°29'	-00°58'	-20°05'	+18°30'	-10°03'	+21°33'	-09°58'
Sep 9 1957	+05°25'	+01°31'	-09°31'	+04°42'	-01°33'	-20°09'	+18°24'	-10°07'	+21°29'	-10°05'
Sep 16 1957	+02°45'	+05°35'	-12°52'	+02°53'	-02°08'	-20°14'	+18°19'	-10°12'	+21°26'	-10°12'
Sep 23 1957	+00°02'	+07°17'	-15°59'	+01°03'	-02°43'	-20°19'	+18°14'	-10°16'	+21°22'	-10°18'
Sep 30 1957	-02°41'	+05°28'	-18°49'	-00°46'	-03°19'	-20°24'	+18°09'	-10°22'	+21°19'	-10°24'
Oct 7 1957	-05°23'	+01°15'	-21°18'	-02°37'	-03°54'	-20°30'	+18°05'	-10°27'	+21°17'	-10°29'
Oct 14 1957	-08°02'	-03°51'	-23°22'	-04°27'	-04°30'	-20°37'	+18°01'	-10°32'	+21°15'	-10°34'
Oct 21 1957	-10°35'	-08°59'	-24°58'	-06°15'	-05°04'	-20°43'	+17°58'	-10°37'	+21°14'	-10°37'
Oct 28 1957	-13°01'	-13°43'	-26°03'	-08°03'	-05°38'	-20°50'	+17°56'	-10°43'	+21°13'	-10°40'
Nov 4 1957	-15°17'	-17°51'	-26°36'	-09°48'	-06°12'	-20°56'	+17°55'	-10°48'	+21°13'	-10°42'
Nov 11 1957	-17°20'	-21°16'	-26°36'	-11°29'	-06°44'	-21°03'	+17°54'	-10°53'	+21°13'	-10°43'
Nov 18 1957	-19°09'	-23°49'	-26°06'	-13°08'	-07°15'	-21°09'	+17°54'	-10°58'	+21°14'	-10°43'
Nov 25 1957	-20°41'	-25°23'	-25°07'	-14°42'	-07°44'	-21°15'	+17°55'	-11°03'	+21°16'	-10°43'
Dec 2 1957	-21°55'	-25°51'	-23°43'	-16°11'	-08°12'	-21°21'	+17°56'	-11°07'	+21°18'	-10°41'
Dec 9 1957	-22°47'	-25°10'	-22°00'	-17°34'	-08°38'	-21°26'	+17°58'	-11°11'	+21°21'	-10°38'
Dec 16 1957	-23°18'	-23°35'	-20°03'	-18°51'	-09°02'	-21°31'	+18°01'	-11°15'	+21°24'	-10°34'
Dec 23 1957	-23°26'	-21°42'	-17°59'	-20°00'	-09°24'	-21°36'	+18°05'	-11°18'	+21°28'	-10°30'
Dec 30 1957	-23°11'	-20°21'	-15°57'	-21°01'	-09°44'	-21°40'	+18°09'	-11°21'	+21°32'	-10°24'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 1958	-22°33'	-20°27'	-14°06'	-21°54'	-10°01'	-21°44'	+18°13'	-11°23'	+21°36'	-10°18'
Jan 13 1958	-21°33'	-21°30'	-12°36'	-22°37'	-10°15'	-21°47'	+18°18'	-11°25'	+21°41'	-10°11'
Jan 20 1958	-20°13'	-22°28'	-11°37'	-23°10'	-10°27'	-21°50'	+18°22'	-11°26'	+21°46'	-10°03'
Jan 27 1958	-18°35'	-22°47'	-11°14'	-23°33'	-10°36'	-21°52'	+18°27'	-11°27'	+21°51'	-09°55'
Feb 3 1958	-16°40'	-22°10'	-11°25'	-23°45'	-10°41'	-21°54'	+18°32'	-11°27'	+21°56'	-09°47'
Feb 10 1958	-14°30'	-20°30'	-11°59'	-23°46'	-10°44'	-21°56'	+18°37'	-11°26'	+22°01'	-09°37'
Feb 17 1958	-12°09'	-17°45'	-12°40'	-23°35'	-10°43'	-21°57'	+18°42'	-11°25'	+22°05'	-09°28'
Feb 24 1958	-09°38'	-13°52'	-13°18'	-23°14'	-10°40'	-21°58'	+18°46'	-11°24'	+22°10'	-09°18'
Mar 3 1958	-07°01'	-08°53'	-13°42'	-22°41'	-10°33'	-21°58'	+18°50'	-11°22'	+22°14'	-09°09'
Mar 10 1958	-04°18'	-02°55'	-13°48'	-21°57'	-10°23'	-21°58'	+18°53'	-11°19'	+22°17'	-08°59'
Mar 17 1958	-01°33'	+03°33'	-13°30'	-21°03'	-10°11'	-21°58'	+18°56'	-11°16'	+22°21'	-08°49'
Mar 24 1958	+01°12'	+09°29'	-12°49'	-19°59'	-09°56'	-21°58'	+18°58'	-11°13'	+22°23'	-08°40'
Mar 31 1958	+03°57'	+13°31'	-11°44'	-18°46'	-09°39'	-21°58'	+19°00'	-11°09'	+22°25'	-08°31'
Apr 7 1958	+06°37'	+14°46'	-10°15'	-17°24'	-09°21'	-21°57'	+19°01'	-11°06'	+22°27'	-08°22'
Apr 14 1958	+09°13'	+13°05'	-08°25'	-15°55'	-09°02'	-21°57'	+19°01'	-11°02'	+22°28'	-08°14'
Apr 21 1958	+11°40'	+09°40'	-06°16'	-14°19'	-08°43'	-21°56'	+19°01'	-10°58'	+22°28'	-08°06'
Apr 28 1958	+13°59'	+06°48'	-03°52'	-12°38'	-08°24'	-21°55'	+18°59'	-10°54'	+22°28'	-08°00'
May 5 1958	+16°06'	+05°50'	-01°16'	-10°52'	-08°07'	-21°54'	+18°58'	-10°50'	+22°27'	-07°54'
May 12 1958	+18°00'	+06°48'	+01°27'	-09°01'	-07°51'	-21°54'	+18°55'	-10°47'	+22°25'	-07°48'
May 19 1958	+19°39'	+09°17'	+04°16'	-07°08'	-07°38'	-21°52'	+18°52'	-10°43'	+22°23'	-07°44'
May 26 1958	+21°02'	+12°47'	+07°06'	-05°14'	-07°27'	-21°51'	+18°49'	-10°40'	+22°21'	-07°41'
Jun 2 1958	+22°07'	+16°50'	+09°53'	-03°18'	-07°19'	-21°50'	+18°44'	-10°37'	+22°17'	-07°38'
Jun 9 1958	+22°53'	+20°49'	+12°34'	-01°23'	-07°15'	-21°49'	+18°40'	-10°35'	+22°14'	-07°37'
Jun 16 1958	+23°19'	+23°49'	+15°03'	+00°30'	-07°13'	-21°48'	+18°34'	-10°33'	+22°10'	-07°37'
Jun 23 1958	+23°26'	+24°49'	+17°18'	+02°22'	-07°15'	-21°46'	+18°29'	-10°31'	+22°06'	-07°38'
Jun 30 1958	+23°12'	+23°40'	+19°13'	+04°11'	-07°21'	-21°45'	+18°23'	-10°30'	+22°01'	-07°40'

Jul 7 1958	+22°38'	+20°55'	+20°46'	+05°56'	-07°29'	-21°44'	+18°16'	-10°30'	+21°56'	-07°43'
Jul 14 1958	+21°45'	+17°17'	+21°54'	+07°37'	-07°41'	-21°44'	+18°10'	-10°30'	+21°51'	-07°47'
Jul 21 1958	+20°34'	+13°20'	+22°33'	+09°11'	-07°55'	-21°43'	+18°03'	-10°31'	+21°46'	-07°51'
Jul 28 1958	+19°06'	+09°35'	+22°41'	+10°40'	-08°12'	-21°43'	+17°55'	-10°32'	+21°41'	-07°57'
Aug 4 1958	+17°23'	+06°33'	+22°17'	+12°02'	-08°31'	-21°43'	+17°48'	-10°34'	+21°36'	-08°03'
Aug 11 1958	+15°25'	+04°54'	+21°22'	+13°18'	-08°52'	-21°43'	+17°41'	-10°36'	+21°31'	-08°10'
Aug 18 1958	+13°16'	+05°25'	+19°57'	+14°26'	-09°15'	-21°44'	+17°34'	-10°39'	+21°26'	-08°17'
Aug 25 1958	+10°56'	+08°09'	+18°04'	+15°27'	-09°40'	-21°45'	+17°27'	-10°42'	+21°21'	-08°24'
Sep 1 1958	+08°28'	+11°15'	+15°45'	+16°20'	-10°06'	-21°47'	+17°20'	-10°45'	+21°16'	-08°32'
Sep 8 1958	+05°53'	+12°25'	+13°05'	+17°07'	-10°33'	-21°49'	+17°13'	-10°49'	+21°12'	-08°39'
Sep 15 1958	+03°13'	+10°40'	+10°07'	+17°46'	-11°01'	-21°51'	+17°07'	-10°54'	+21°08'	-08°46'
Sep 22 1958	+00°31'	+06°34'	+06°55'	+18°20'	-11°30'	-21°54'	+17°01'	-10°58'	+21°04'	-08°53'
Sep 29 1958	-02°12'	+01°20'	+03°32'	+18°47'	-12°00'	-21°57'	+16°55'	-11°03'	+21°01'	-09°00'
Oct 6 1958	-04°54'	-04°04'	+00°04'	+19°08'	-12°29'	-22°00'	+16°50'	-11°08'	+20°58'	-09°05'
Oct 13 1958	-07°34'	-09°14'	-03°25'	+19°24'	-12°59'	-22°03'	+16°46'	-11°13'	+20°56'	-09°11'
Oct 20 1958	-10°09'	-13°56'	-06°52'	+19°33'	-13°29'	-22°06'	+16°42'	-11°19'	+20°55'	-09°15'
Oct 27 1958	-12°36'	-18°01'	-10°12'	+19°36'	-13°58'	-22°09'	+16°39'	-11°24'	+20°54'	-09°19'
Nov 3 1958	-14°54'	-21°21'	-13°20'	+19°32'	-14°27'	-22°12'	+16°37'	-11°29'	+20°53'	-09°21'
Nov 10 1958	-16°59'	-23°50'	-16°13'	+19°22'	-14°55'	-22°15'	+16°35'	-11°34'	+20°53'	-09°23'
Nov 17 1958	-18°51'	-25°18'	-18°45'	+19°06'	-15°23'	-22°18'	+16°34'	-11°39'	+20°54'	-09°24'
Nov 24 1958	-20°26'	-25°35'	-20°52'	+18°49'	-15°49'	-22°21'	+16°34'	-11°44'	+20°56'	-09°24'
Dec 1 1958	-21°43'	-24°34'	-22°29'	+18°33'	-16°15'	-22°23'	+16°35'	-11°48'	+20°58'	-09°22'
Dec 8 1958	-22°39'	-22°07'	-23°34'	+18°23'	-16°39'	-22°25'	+16°37'	-11°53'	+21°00'	-09°20'
Dec 15 1958	-23°14'	-19°29'	-24°04'	+18°21'	-17°02'	-22°27'	+16°40'	-11°56'	+21°03'	-09°17'
Dec 22 1958	-23°26'	-19°09'	-23°58'	+18°27'	-17°23'	-22°28'	+16°43'	-12°00'	+21°07'	-09°13'
Dec 29 1958	-23°15'	-20°33'	-23°15'	+18°41'	-17°43'	-22°29'	+16°46'	-12°03'	+21°11'	-09°08'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 1959	-22°41'	-22°12'	-21°57'	+19°04'	-18°02'	-22°29'	+16°51'	-12°05'	+21°15'	-09°02'
Jan 12 1959	-21°45'	-23°21'	-20°07'	+19°32'	-18°19'	-22°29'	+16°56'	-12°07'	+21°20'	-08°55'
Jan 19 1959	-20°29'	-23°39'	-17°49'	+20°05'	-18°34'	-22°29'	+17°01'	-12°08'	+21°25'	-08°48'
Jan 26 1959	-18°54'	-22°55'	-15°06'	+20°42'	-18°47'	-22°29'	+17°06'	-12°09'	+21°30'	-08°40'
Feb 2 1959	-17°01'	-21°04'	-12°03'	+21°20'	-18°59'	-22°28'	+17°11'	-12°09'	+21°35'	-08°31'
Feb 9 1959	-14°54'	-18°03'	-08°44'	+21°59'	-19°09'	-22°27'	+17°17'	-12°09'	+21°40'	-08°22'
Feb 16 1959	-12°35'	-13°50'	-05°15'	+22°36'	-19°17'	-22°26'	+17°22'	-12°08'	+21°45'	-08°13'
Feb 23 1959	-10°06'	-08°31'	-01°38'	+23°12'	-19°23'	-22°25'	+17°27'	-12°07'	+21°49'	-08°03'
Mar 2 1959	-07°29'	-02°26'	+02°00'	+23°44'	-19°27'	-22°23'	+17°32'	-12°05'	+21°54'	-07°53'
Mar 9 1959	-04°47'	+03°23'	+05°37'	+24°13'	-19°30'	-22°22'	+17°36'	-12°03'	+21°58'	-07°44'
Mar 16 1959	-02°02'	+07°20'	+09°08'	+24°36'	-19°31'	-22°21'	+17°39'	-12°00'	+22°01'	-07°34'
Mar 23 1959	+00°43'	+08°03'	+12°29'	+24°54'	-19°30'	-22°20'	+17°42'	-11°57'	+22°04'	-07°24'
Mar 30 1959	+03°28'	+05°32'	+15°36'	+25°06'	-19°27'	-22°19'	+17°45'	-11°54'	+22°06'	-07°15'
Apr 6 1959	+06°09'	+01°57'	+18°24'	+25°11'	-19°23'	-22°18'	+17°46'	-11°51'	+22°08'	-07°06'
Apr 13 1959	+08°46'	-00°17'	+20°50'	+25°10'	-19°17'	-22°18'	+17°47'	-11°47'	+22°09'	-06°57'
Apr 20 1959	+11°15'	-00°28'	+22°50'	+25°01'	-19°09'	-22°18'	+17°47'	-11°43'	+22°10'	-06°49'
Apr 27 1959	+13°35'	+01°07'	+24°20'	+24°44'	-19°00'	-22°18'	+17°47'	-11°39'	+22°10'	-06°42'
May 4 1959	+15°44'	+04°05'	+25°19'	+24°21'	-18°50'	-22°18'	+17°45'	-11°36'	+22°09'	-06°35'
May 11 1959	+17°40'	+08°03'	+25°45'	+23°49'	-18°39'	-22°19'	+17°43'	-11°32'	+22°07'	-06°29'
May 18 1959	+19°22'	+12°42'	+25°37'	+23°11'	-18°28'	-22°20'	+17°41'	-11°28'	+22°06'	-06°24'

May 25 1959	+20°48'	+17°34'	+24°57'	+22°25'	-18°16'	-22°21'	+17°37'	-11°25'	+22°03'	-06°20'
Jun 1 1959	+21°57'	+21°53'	+23°47'	+21°32'	-18°05'	-22°22'	+17°33'	-11°22'	+22°00'	-06°17'
Jun 8 1959	+22°46'	+24°38'	+22°11'	+20°32'	-17°55'	-22°24'	+17°28'	-11°20'	+21°57'	-06°16'
Jun 15 1959	+23°16'	+25°11'	+20°11'	+19°26'	-17°45'	-22°25'	+17°23'	-11°18'	+21°53'	-06°15'
Jun 22 1959	+23°26'	+23°50'	+17°54'	+18°14'	-17°37'	-22°27'	+17°17'	-11°16'	+21°48'	-06°15'
Jun 29 1959	+23°16'	+21°16'	+15°22'	+16°57'	-17°31'	-22°28'	+17°11'	-11°15'	+21°44'	-06°16'
Jul 6 1959	+22°46'	+18°08'	+12°42'	+15°33'	-17°27'	-22°29'	+17°04'	-11°14'	+21°39'	-06°19'
Jul 13 1959	+21°56'	+15°00'	+09°58'	+14°05'	-17°26'	-22°31'	+16°57'	-11°14'	+21°34'	-06°22'
Jul 20 1959	+20°48'	+12°29'	+07°17'	+12°33'	-17°26'	-22°32'	+16°50'	-11°14'	+21°29'	-06°26'
Jul 27 1959	+19°23'	+11°13'	+04°45'	+10°57'	-17°29'	-22°33'	+16°42'	-11°15'	+21°23'	-06°32'
Aug 3 1959	+17°42'	+11°45'	+02°31'	+09°17'	-17°34'	-22°35'	+16°35'	-11°17'	+21°18'	-06°38'
Aug 10 1959	+15°47'	+13°46'	+00°45'	+07°34'	-17°41'	-22°36'	+16°27'	-11°19'	+21°13'	-06°44'
Aug 17 1959	+13°40'	+15°54'	-00°17'	+05°48'	-17°50'	-22°37'	+16°19'	-11°21'	+21°07'	-06°51'
Aug 24 1959	+11°22'	+16°43'	-00°25'	+04°00'	-18°01'	-22°38'	+16°11'	-11°24'	+21°02'	-06°58'
Aug 31 1959	+08°55'	+15°19'	+00°23'	+02°11'	-18°13'	-22°39'	+16°04'	-11°27'	+20°58'	-07°06'
Sep 7 1959	+06°21'	+11°39'	+01°54'	+00°20'	-18°27'	-22°40'	+15°56'	-11°31'	+20°53'	-07°14'
Sep 14 1959	+03°42'	+06°35'	+03°39'	-01°30'	-18°42'	-22°41'	+15°49'	-11°35'	+20°49'	-07°21'
Sep 21 1959	+01°00'	+01°05'	+05°11'	-03°22'	-18°58'	-22°42'	+15°42'	-11°39'	+20°45'	-07°29'
Sep 28 1959	-01°43'	-04°20'	+06°13'	-05°13'	-19°14'	-22°43'	+15°36'	-11°44'	+20°41'	-07°36'
Oct 5 1959	-04°26'	-09°25'	+06°39'	-07°02'	-19°31'	-22°44'	+15°30'	-11°49'	+20°38'	-07°42'
Oct 12 1959	-07°06'	-14°00'	+06°30'	-08°50'	-19°49'	-22°45'	+15°24'	-11°54'	+20°36'	-07°48'
Oct 19 1959	-09°42'	-17°57'	+05°46'	-10°36'	-20°06'	-22°45'	+15°20'	-11°59'	+20°34'	-07°53'
Oct 26 1959	-12°10'	-21°08'	+04°33'	-12°19'	-20°23'	-22°46'	+15°16'	-12°04'	+20°33'	-07°57'
Nov 2 1959	-14°30'	-23°22'	+02°55'	-13°58'	-20°40'	-22°46'	+15°13'	-12°09'	+20°32'	-08°01'
Nov 9 1959	-16°38'	-24°22'	+00°55'	-15°32'	-20°56'	-22°46'	+15°10'	-12°14'	+20°32'	-08°03'
Nov 16 1959	-18°32'	-23°37'	-01°21'	-17°00'	-21°12'	-22°45'	+15°09'	-12°19'	+20°32'	-08°05'
Nov 23 1959	-20°11'	-20°27'	-03°50'	-18°23'	-21°26'	-22°44'	+15°08'	-12°24'	+20°34'	-08°05'
Nov 30 1959	-21°31'	-16°49'	-06°26'	-19°38'	-21°40'	-22°43'	+15°08'	-12°29'	+20°35'	-08°05'
Dec 7 1959	-22°31'	-16°21'	-09°04'	-20°45'	-21°53'	-22°42'	+15°09'	-12°33'	+20°38'	-08°03'
Dec 14 1959	-23°10'	-18°14'	-11°40'	-21°44'	-22°05'	-22°40'	+15°11'	-12°37'	+20°41'	-08°01'
Dec 21 1959	-23°26'	-20°40'	-14°09'	-22°33'	-22°15'	-22°38'	+15°14'	-12°40'	+20°44'	-07°57'
Dec 28 1959	-23°19'	-22°43'	-16°26'	-23°11'	-22°25'	-22°35'	+15°18'	-12°43'	+20°48'	-07°52'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 1960	-22°49'	-23°59'	-18°25'	-23°38'	-22°33'	-22°32'	+15°22'	-12°46'	+20°53'	-07°47'
Jan 11 1960	-21°57'	-24°16'	-20°04'	-23°54'	-22°40'	-22°29'	+15°26'	-12°48'	+20°57'	-07°41'
Jan 18 1960	-20°44'	-23°26'	-21°17'	-23°57'	-22°46'	-22°25'	+15°32'	-12°49'	+21°02'	-07°34'
Jan 25 1960	-19°12'	-21°25'	-22°01'	-23°49'	-22°50'	-22°21'	+15°37'	-12°50'	+21°07'	-07°26'
Feb 1 1960	-17°22'	-18°10'	-22°15'	-23°28'	-22°54'	-22°17'	+15°43'	-12°51'	+21°12'	-07°18'
Feb 8 1960	-15°18'	-13°42'	-21°57'	-22°54'	-22°57'	-22°13'	+15°49'	-12°51'	+21°17'	-07°09'
Feb 15 1960	-13°00'	-08°19'	-21°08'	-22°09'	-22°59'	-22°09'	+15°54'	-12°50'	+21°22'	-06°59'
Feb 22 1960	-10°33'	-02°55'	-19°47'	-21°12'	-23°00'	-22°05'	+16°00'	-12°49'	+21°27'	-06°50'
Feb 29 1960	-07°57'	+00°41'	-17°59'	-20°04'	-23°00'	-22°01'	+16°05'	-12°48'	+21°32'	-06°40'
Mar 7 1960	-05°16'	+00°47'	-15°45'	-18°45'	-23°00'	-21°57'	+16°10'	-12°46'	+21°36'	-06°30'
Mar 14 1960	-02°31'	-02°12'	-13°10'	-17°18'	-23°00'	-21°53'	+16°14'	-12°43'	+21°39'	-06°20'
Mar 21 1960	+00°14'	-05°24'	-10°17'	-15°41'	-23°00'	-21°50'	+16°18'	-12°41'	+21°43'	-06°10'
Mar 28 1960	+02°59'	-06°53'	-07°10'	-13°58'	-22°59'	-21°48'	+16°21'	-12°38'	+21°45'	-06°01'
Apr 4 1960	+05°41'	-06°29'	-03°53'	-12°07'	-22°59'	-21°45'	+16°24'	-12°34'	+21°47'	-05°51'

Apr 11 1960	+08°18'	-04°30'	-00°31'	-10°12'	-22°59'	-21°44'	+16°25'	-12°31'	+21°49'	-05°42'
Apr 18 1960	+10°49'	-01°18'	+02°52'	-08°11'	-22°59'	-21°43'	+16°26'	-12°27'	+21°49'	-05°34'
Apr 25 1960	+13°11'	+02°54'	+06°13'	-06°08'	-22°59'	-21°42'	+16°26'	-12°23'	+21°50'	-05°26'
May 2 1960	+15°22'	+07°53'	+09°29'	-04°03'	-23°00'	-21°43'	+16°26'	-12°20'	+21°49'	-05°19'
May 9 1960	+17°21'	+13°20'	+12°34'	-01°56'	-23°01'	-21°44'	+16°24'	-12°16'	+21°48'	-05°13'
May 16 1960	+19°05'	+18°40'	+15°24'	+00°10'	-23°02'	-21°45'	+16°22'	-12°13'	+21°46'	-05°07'
May 23 1960	+20°34'	+22°55'	+17°56'	+02°15'	-23°03'	-21°48'	+16°19'	-12°09'	+21°44'	-05°03'
May 30 1960	+21°46'	+25°12'	+20°06'	+04°19'	-23°04'	-21°51'	+16°15'	-12°06'	+21°41'	-04°59'
Jun 6 1960	+22°39'	+25°26'	+21°48'	+06°20'	-23°05'	-21°54'	+16°10'	-12°04'	+21°38'	-04°57'
Jun 13 1960	+23°12'	+24°08'	+23°01'	+08°17'	-23°06'	-21°57'	+16°05'	-12°02'	+21°34'	-04°55'
Jun 20 1960	+23°26'	+22°00'	+23°41'	+10°09'	-23°07'	-22°01'	+15°59'	-12°00'	+21°30'	-04°55'
Jun 27 1960	+23°19'	+19°35'	+23°48'	+11°55'	-23°07'	-22°05'	+15°53'	-11°58'	+21°25'	-04°56'
Jul 4 1960	+22°53'	+17°32'	+23°19'	+13°36'	-23°07'	-22°09'	+15°46'	-11°57'	+21°20'	-04°57'
Jul 11 1960	+22°06'	+16°24'	+22°17'	+15°09'	-23°07'	-22°13'	+15°39'	-11°57'	+21°15'	-05°00'
Jul 18 1960	+21°02'	+16°29'	+20°43'	+16°35'	-23°07'	-22°17'	+15°32'	-11°57'	+21°10'	-05°04'
Jul 25 1960	+19°39'	+17°36'	+18°41'	+17°53'	-23°06'	-22°21'	+15°24'	-11°58'	+21°04'	-05°09'
Aug 1 1960	+18°01'	+19°03'	+16°12'	+19°02'	-23°06'	-22°25'	+15°16'	-11°59'	+20°59'	-05°14'
Aug 8 1960	+16°09'	+19°53'	+13°22'	+20°03'	-23°07'	-22°28'	+15°07'	-12°01'	+20°53'	-05°21'
Aug 15 1960	+14°03'	+19°07'	+10°15'	+20°55'	-23°07'	-22°31'	+14°59'	-12°03'	+20°48'	-05°27'
Aug 22 1960	+11°47'	+16°13'	+06°54'	+21°39'	-23°08'	-22°33'	+14°51'	-12°05'	+20°42'	-05°35'
Aug 29 1960	+09°22'	+11°39'	+03°24'	+22°14'	-23°09'	-22°35'	+14°42'	-12°08'	+20°37'	-05°42'
Sep 5 1960	+06°49'	+06°17'	-00°10'	+22°42'	-23°11'	-22°37'	+14°34'	-12°12'	+20°32'	-05°50'
Sep 12 1960	+04°11'	+00°48'	-03°46'	+23°03'	-23°13'	-22°38'	+14°26'	-12°16'	+20°28'	-05°58'
Sep 19 1960	+01°29'	-04°29'	-07°19'	+23°17'	-23°15'	-22°39'	+14°18'	-12°20'	+20°24'	-06°06'
Sep 26 1960	-01°14'	-09°23'	-10°44'	+23°26'	-23°18'	-22°39'	+14°11'	-12°24'	+20°20'	-06°13'
Oct 3 1960	-03°57'	-13°45'	-13°58'	+23°30'	-23°20'	-22°39'	+14°04'	-12°29'	+20°17'	-06°20'
Oct 10 1960	-06°38'	-17°26'	-16°56'	+23°32'	-23°22'	-22°38'	+13°58'	-12°34'	+20°14'	-06°26'
Oct 17 1960	-09°14'	-20°11'	-19°33'	+23°32'	-23°24'	-22°37'	+13°53'	-12°39'	+20°12'	-06°32'
Oct 24 1960	-11°45'	-21°35'	-21°46'	+23°33'	-23°25'	-22°36'	+13°48'	-12°44'	+20°10'	-06°37'
Oct 31 1960	-14°06'	-20°47'	-23°30'	+23°35'	-23°25'	-22°34'	+13°44'	-12°49'	+20°09'	-06°41'
Nov 7 1960	-16°16'	-16°54'	-24°41'	+23°41'	-23°25'	-22°31'	+13°40'	-12°54'	+20°09'	-06°45'
Nov 14 1960	-18°13'	-12°43'	-25°18'	+23°51'	-23°24'	-22°28'	+13°38'	-12°59'	+20°09'	-06°47'
Nov 21 1960	-19°54'	-12°22'	-25°18'	+24°08'	-23°22'	-22°24'	+13°37'	-13°03'	+20°10'	-06°48'
Nov 28 1960	-21°18'	-14°48'	-24°43'	+24°32'	-23°19'	-22°20'	+13°36'	-13°08'	+20°12'	-06°48'
Dec 5 1960	-22°22'	-18°00'	-23°32'	+25°01'	-23°15'	-22°16'	+13°36'	-13°12'	+20°14'	-06°47'
Dec 12 1960	-23°04'	-20°55'	-21°50'	+25°34'	-23°09'	-22°11'	+13°38'	-13°16'	+20°16'	-06°45'
Dec 19 1960	-23°25'	-23°09'	-19°39'	+26°06'	-23°02'	-22°05'	+13°40'	-13°19'	+20°20'	-06°42'
Dec 26 1960	-23°22'	-24°29'	-17°03'	+26°35'	-22°54'	-21°59'	+13°43'	-13°23'	+20°24'	-06°38'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 1961	-22°56'	-24°44'	-14°07'	+26°56'	-22°45'	-21°53'	+13°47'	-13°25'	+20°28'	-06°33'
Jan 9 1961	-22°08'	-23°49'	-10°56'	+27°09'	-22°35'	-21°46'	+13°51'	-13°28'	+20°33'	-06°27'
Jan 16 1961	-20°58'	-21°40'	-07°35'	+27°13'	-22°23'	-21°39'	+13°56'	-13°29'	+20°37'	-06°21'
Jan 23 1961	-19°29'	-18°15'	-04°07'	+27°11'	-22°11'	-21°31'	+14°02'	-13°31'	+20°43'	-06°13'
Jan 30 1961	-17°43'	-13°46'	-00°37'	+27°05'	-21°57'	-21°24'	+14°07'	-13°31'	+20°48'	-06°05'
Feb 6 1961	-15°41'	-09°03'	+02°49'	+26°57'	-21°43'	-21°16'	+14°14'	-13°32'	+20°53'	-05°57'
Feb 13 1961	-13°26'	-05°55'	+06°09'	+26°48'	-21°28'	-21°08'	+14°20'	-13°31'	+20°58'	-05°48'
Feb 20 1961	-11°00'	-06°16'	+09°17'	+26°39'	-21°13'	-21°01'	+14°26'	-13°30'	+21°03'	-05°38'



Feb 27 1961	-08°25'	-09°10'	+12°08'	+26°28'	-20°58'	-20°54'	+14°32'	-13°29'	+21°08'	-05°28'
Mar 6 1961	-05°45'	-11°41'	+14°35'	+26°16'	-20°42'	-20°47'	+14°37'	-13°27'	+21°12'	-05°19'
Mar 13 1961	-03°01'	-12°33'	+16°31'	+26°02'	-20°27'	-20°40'	+14°42'	-13°25'	+21°16'	-05°09'
Mar 20 1961	-00°15'	-11°50'	+17°44'	+25°45'	-20°12'	-20°34'	+14°47'	-13°23'	+21°20'	-04°59'
Mar 27 1961	+02°30'	-09°47'	+17°59'	+25°25'	-19°57'	-20°29'	+14°51'	-13°20'	+21°22'	-04°49'
Apr 3 1961	+05°12'	-06°35'	+17°04'	+25°00'	-19°44'	-20°24'	+14°54'	-13°17'	+21°25'	-04°39'
Apr 10 1961	+07°51'	-02°22'	+15°01'	+24°31'	-19°31'	-20°20'	+14°56'	-13°14'	+21°26'	-04°30'
Apr 17 1961	+10°23'	+02°40'	+12°18'	+23°56'	-19°20'	-20°17'	+14°58'	-13°10'	+21°28'	-04°21'
Apr 24 1961	+12°46'	+08°24'	+09°38'	+23°16'	-19°11'	-20°15'	+14°59'	-13°06'	+21°28'	-04°13'
May 1 1961	+15°00'	+14°24'	+07°38'	+22°31'	-19°03'	-20°13'	+14°59'	-13°03'	+21°28'	-04°06'
May 8 1961	+17°01'	+19°50'	+06°31'	+21°39'	-18°58'	-20°13'	+14°58'	-12°59'	+21°27'	-03°59'
May 15 1961	+18°48'	+23°39'	+06°16'	+20°42'	-18°54'	-20°14'	+14°56'	-12°56'	+21°25'	-03°53'
May 22 1961	+20°20'	+25°26'	+06°44'	+19°40'	-18°53'	-20°16'	+14°54'	-12°53'	+21°23'	-03°48'
May 29 1961	+21°34'	+25°28'	+07°45'	+18°32'	-18°54'	-20°19'	+14°50'	-12°50'	+21°20'	-03°44'
Jun 5 1961	+22°31'	+24°21'	+09°10'	+17°18'	-18°58'	-20°23'	+14°46'	-12°47'	+21°17'	-03°41'
Jun 12 1961	+23°08'	+22°35'	+10°51'	+16°00'	-19°04'	-20°27'	+14°41'	-12°44'	+21°13'	-03°38'
Jun 19 1961	+23°25'	+20°43'	+12°40'	+14°36'	-19°12'	-20°33'	+14°36'	-12°42'	+21°09'	-03°37'
Jun 26 1961	+23°22'	+19°14'	+14°32'	+13°08'	-19°22'	-20°38'	+14°29'	-12°41'	+21°04'	-03°38'
Jul 3 1961	+22°59'	+18°39'	+16°20'	+11°36'	-19°34'	-20°45'	+14°23'	-12°40'	+20°59'	-03°39'
Jul 10 1961	+22°16'	+19°09'	+17°59'	+10°00'	-19°46'	-20°51'	+14°15'	-12°39'	+20°54'	-03°41'
Jul 17 1961	+21°14'	+20°24'	+19°25'	+08°20'	-20°00'	-20°58'	+14°08'	-12°39'	+20°49'	-03°44'
Jul 24 1961	+19°55'	+21°36'	+20°33'	+06°38'	-20°13'	-21°04'	+14°00'	-12°39'	+20°43'	-03°48'
Jul 31 1961	+18°20'	+21°45'	+21°20'	+04°53'	-20°26'	-21°10'	+13°51'	-12°40'	+20°38'	-03°53'
Aug 7 1961	+16°30'	+19°58'	+21°41'	+03°06'	-20°38'	-21°16'	+13°42'	-12°42'	+20°32'	-03°59'
Aug 14 1961	+14°26'	+16°14'	+21°36'	+01°17'	-20°50'	-21°22'	+13°34'	-12°44'	+20°26'	-04°06'
Aug 21 1961	+12°12'	+11°21'	+21°02'	-00°33'	-20°59'	-21°27'	+13°25'	-12°46'	+20°21'	-04°13'
Aug 28 1961	+09°48'	+06°01'	+20°01'	-02°23'	-21°07'	-21°31'	+13°16'	-12°49'	+20°16'	-04°21'
Sep 4 1961	+07°16'	+00°42'	+18°31'	-04°14'	-21°14'	-21°34'	+13°07'	-12°52'	+20°10'	-04°28'
Sep 11 1961	+04°39'	-04°20'	+16°36'	-06°05'	-21°18'	-21°37'	+12°59'	-12°56'	+20°06'	-04°36'
Sep 18 1961	+01°58'	-08°56'	+14°18'	-07°54'	-21°20'	-21°39'	+12°50'	-12°59'	+20°01'	-04°44'
Sep 25 1961	-00°45'	-12°53'	+11°39'	-09°42'	-21°21'	-21°40'	+12°42'	-13°04'	+19°57'	-04°52'
Oct 2 1961	-03°28'	-15°54'	+08°44'	-11°27'	-21°20'	-21°40'	+12°35'	-13°08'	+19°54'	-04°59'
Oct 9 1961	-06°10'	-17°23'	+05°36'	-13°09'	-21°16'	-21°40'	+12°28'	-13°13'	+19°50'	-05°06'
Oct 16 1961	-08°47'	-16°17'	+02°18'	-14°47'	-21°11'	-21°38'	+12°21'	-13°17'	+19°48'	-05°13'
Oct 23 1961	-11°19'	-11°52'	-01°03'	-16°20'	-21°04'	-21°36'	+12°15'	-13°22'	+19°46'	-05°18'
Oct 30 1961	-13°42'	-07°37'	-04°27'	-17°47'	-20°55'	-21°33'	+12°10'	-13°27'	+19°45'	-05°23'
Nov 6 1961	-15°54'	-07°33'	-07°46'	-19°08'	-20°44'	-21°29'	+12°06'	-13°32'	+19°44'	-05°27'
Nov 13 1961	-17°54'	-10°30'	-10°59'	-20°21'	-20°31'	-21°25'	+12°03'	-13°37'	+19°44'	-05°30'
Nov 20 1961	-19°38'	-14°23'	-13°58'	-21°25'	-20°17'	-21°19'	+12°00'	-13°41'	+19°45'	-05°32'
Nov 27 1961	-21°05'	-18°06'	-16°41'	-22°20'	-20°01'	-21°13'	+11°59'	-13°46'	+19°46'	-05°33'
Dec 4 1961	-22°12'	-21°15'	-19°03'	-23°04'	-19°43'	-21°06'	+11°59'	-13°50'	+19°48'	-05°32'
Dec 11 1961	-22°58'	-23°33'	-20°59'	-23°38'	-19°23'	-20°58'	+11°59'	-13°54'	+19°51'	-05°31'
Dec 18 1961	-23°23'	-24°54'	-22°25'	-23°59'	-19°02'	-20°50'	+12°00'	-13°58'	+19°54'	-05°29'
Dec 25 1961	-23°24'	-25°07'	-23°18'	-24°08'	-18°39'	-20°41'	+12°03'	-14°01'	+19°57'	-05°25'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 1962	-23°02'	-24°08'	-23°36'	-24°04'	-18°14'	-20°32'	+12°06'	-14°04'	+20°02'	-05°21'
Jan 8 1962	-22°18'	-21°54'	-23°19'	-23°48'	-17°48'	-20°22'	+12°10'	-14°06'	+20°06'	-05°16'

Jan 15 1962	-21°12'	-18°31'	-22°26'	-23°18'	-17°21'	-20°11'	+12°15'	-14°08'	+20°11'	-05°09'
Jan 22 1962	-19°47'	-14°40'	-21°00'	-22°35'	-16°53'	-20°01'	+12°20'	-14°10'	+20°16'	-05°02'
Jan 29 1962	-18°03'	-12°03'	-19°03'	-21°41'	-16°23'	-19°50'	+12°26'	-14°10'	+20°21'	-04°55'
Feb 5 1962	-16°04'	-12°26'	-16°40'	-20°34'	-15°53'	-19°39'	+12°32'	-14°11'	+20°27'	-04°46'
Feb 12 1962	-13°51'	-14°42'	-13°53'	-19°16'	-15°22'	-19°28'	+12°39'	-14°11'	+20°32'	-04°38'
Feb 19 1962	-11°26'	-16°29'	-10°48'	-17°48'	-14°50'	-19°17'	+12°45'	-14°10'	+20°37'	-04°28'
Feb 26 1962	-08°53'	-17°01'	-07°29'	-16°11'	-14°18'	-19°06'	+12°52'	-14°09'	+20°42'	-04°19'
Mar 5 1962	-06°14'	-16°19'	-04°01'	-14°26'	-13°46'	-18°56'	+12°58'	-14°08'	+20°47'	-04°09'
Mar 12 1962	-03°30'	-14°27'	-00°27'	-12°33'	-13°14'	-18°46'	+13°03'	-14°06'	+20°51'	-03°59'
Mar 19 1962	-00°44'	-11°30'	+03°08'	-10°35'	-12°42'	-18°36'	+13°09'	-14°04'	+20°55'	-03°49'
Mar 26 1962	+02°00'	-07°32'	+06°40'	-08°32'	-12°10'	-18°27'	+13°13'	-14°01'	+20°58'	-03°39'
Apr 2 1962	+04°44'	-02°38'	+10°05'	-06°25'	-11°39'	-18°19'	+13°17'	-13°58'	+21°00'	-03°29'
Apr 9 1962	+07°23'	+03°05'	+13°18'	-04°16'	-11°09'	-18°12'	+13°21'	-13°55'	+21°02'	-03°20'
Apr 16 1962	+09°56'	+09°23'	+16°15'	-02°06'	-10°41'	-18°06'	+13°23'	-13°52'	+21°04'	-03°11'
Apr 23 1962	+12°21'	+15°35'	+18°53'	+00°04'	-10°13'	-18°01'	+13°25'	-13°48'	+21°04'	-03°03'
Apr 30 1962	+14°37'	+20°36'	+21°06'	+02°14'	-09°48'	-17°57'	+13°26'	-13°45'	+21°04'	-02°55'
May 7 1962	+16°40'	+23°43'	+22°52'	+04°22'	-09°24'	-17°55'	+13°25'	-13°41'	+21°03'	-02°47'
May 14 1962	+18°30'	+24°56'	+24°06'	+06°27'	-09°02'	-17°54'	+13°24'	-13°38'	+21°02'	-02°41'
May 21 1962	+20°05'	+24°35'	+24°46'	+08°29'	-08°43'	-17°54'	+13°22'	-13°35'	+21°00'	-02°35'
May 28 1962	+21°22'	+23°06'	+24°52'	+10°25'	-08°26'	-17°55'	+13°20'	-13°32'	+20°58'	-02°31'
Jun 4 1962	+22°22'	+20°54'	+24°23'	+12°16'	-08°13'	-17°58'	+13°16'	-13°29'	+20°54'	-02°27'
Jun 11 1962	+23°03'	+18°51'	+23°20'	+14°01'	-08°02'	-18°02'	+13°11'	-13°26'	+20°51'	-02°24'
Jun 18 1962	+23°23'	+17°52'	+21°46'	+15°38'	-07°55'	-18°07'	+13°06'	-13°24'	+20°47'	-02°23'
Jun 25 1962	+23°24'	+18°20'	+19°43'	+17°08'	-07°52'	-18°13'	+13°00'	-13°23'	+20°42'	-02°22'
Jul 2 1962	+23°04'	+19°52'	+17°16'	+18°29'	-07°52'	-18°20'	+12°54'	-13°21'	+20°37'	-02°23'
Jul 9 1962	+22°25'	+21°46'	+14°28'	+19°41'	-07°55'	-18°28'	+12°46'	-13°20'	+20°32'	-02°24'
Jul 16 1962	+21°27'	+23°02'	+11°24'	+20°44'	-08°03'	-18°36'	+12°39'	-13°20'	+20°26'	-02°27'
Jul 23 1962	+20°10'	+22°37'	+08°08'	+21°37'	-08°13'	-18°45'	+12°30'	-13°20'	+20°21'	-02°31'
Jul 30 1962	+18°38'	+20°06'	+04°43'	+22°21'	-08°27'	-18°54'	+12°22'	-13°21'	+20°15'	-02°35'
Aug 6 1962	+16°50'	+16°00'	+01°13'	+22°54'	-08°44'	-19°02'	+12°13'	-13°22'	+20°09'	-02°41'
Aug 13 1962	+14°49'	+11°07'	-02°18'	+23°18'	-09°02'	-19°11'	+12°04'	-13°24'	+20°03'	-02°47'
Aug 20 1962	+12°36'	+05°59'	-05°46'	+23°32'	-09°23'	-19°18'	+11°55'	-13°26'	+19°58'	-02°54'
Aug 27 1962	+10°14'	+00°58'	-09°10'	+23°37'	-09°44'	-19°25'	+11°45'	-13°28'	+19°52'	-03°01'
Sep 3 1962	+07°44'	-03°40'	-12°24'	+23°33'	-10°05'	-19°32'	+11°36'	-13°31'	+19°47'	-03°09'
Sep 10 1962	+05°07'	-07°41'	-15°26'	+23°22'	-10°26'	-19°37'	+11°27'	-13°34'	+19°42'	-03°17'
Sep 17 1962	+02°27'	-10°43'	-18°12'	+23°03'	-10°45'	-19°42'	+11°18'	-13°38'	+19°37'	-03°25'
Sep 24 1962	-00°15'	-12°01'	-20°38'	+22°38'	-11°02'	-19°45'	+11°09'	-13°42'	+19°33'	-03°33'
Oct 1 1962	-02°59'	-10°28'	-22°43'	+22°07'	-11°16'	-19°47'	+11°01'	-13°46'	+19°29'	-03°40'
Oct 8 1962	-05°41'	-05°51'	-24°21'	+21°32'	-11°28'	-19°48'	+10°53'	-13°51'	+19°25'	-03°48'
Oct 15 1962	-08°19'	-01°58'	-25°28'	+20°53'	-11°36'	-19°47'	+10°46'	-13°55'	+19°23'	-03°54'
Oct 22 1962	-10°52'	-02°14'	-25°55'	+20°13'	-11°40'	-19°46'	+10°39'	-14°00'	+19°20'	-04°01'
Oct 29 1962	-13°17'	-05°35'	-25°33'	+19°31'	-11°41'	-19°43'	+10°33'	-14°05'	+19°19'	-04°06'
Nov 5 1962	-15°31'	-10°01'	-24°11'	+18°50'	-11°38'	-19°39'	+10°28'	-14°09'	+19°18'	-04°11'
Nov 12 1962	-17°33'	-14°26'	-21°53'	+18°10'	-11°31'	-19°34'	+10°24'	-14°14'	+19°17'	-04°14'
Nov 19 1962	-19°20'	-18°22'	-19°05'	+17°34'	-11°21'	-19°28'	+10°21'	-14°19'	+19°18'	-04°17'
Nov 26 1962	-20°50'	-21°34'	-16°30'	+17°03'	-11°08'	-19°21'	+10°18'	-14°23'	+19°19'	-04°18'
Dec 3 1962	-22°02'	-23°55'	-14°41'	+16°39'	-10°51'	-19°13'	+10°17'	-14°27'	+19°21'	-04°19'

Dec 10 1962	-22°52'	-25°15'	-13°47'	+16°23'	-10°32'	-19°03'	+10°16'	-14°31'	+19°23'	-04°18'
Dec 17 1962	-23°20'	-25°27'	-13°42'	+16°17'	-10°09'	-18°53'	+10°17'	-14°35'	+19°26'	-04°16'
Dec 24 1962	-23°25'	-24°26'	-14°15'	+16°23'	-09°44'	-18°42'	+10°19'	-14°38'	+19°29'	-04°14'
Dec 31 1962	-23°08'	-22°15'	-15°12'	+16°42'	-09°17'	-18°31'	+10°21'	-14°41'	+19°33'	-04°10'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 1963	-22°27'	-19°23'	-16°22'	+17°14'	-08°47'	-18°18'	+10°25'	-14°44'	+19°38'	-04°05'
Jan 14 1963	-21°25'	-17°13'	-17°36'	+17°57'	-08°15'	-18°05'	+10°29'	-14°46'	+19°43'	-03°59'
Jan 21 1963	-20°03'	-17°09'	-18°45'	+18°49'	-07°42'	-17°52'	+10°34'	-14°47'	+19°48'	-03°53'
Jan 28 1963	-18°23'	-18°25'	-19°43'	+19°45'	-07°07'	-17°38'	+10°40'	-14°48'	+19°53'	-03°46'
Feb 4 1963	-16°26'	-19°37'	-20°23'	+20°40'	-06°30'	-17°24'	+10°46'	-14°49'	+19°59'	-03°38'
Feb 11 1963	-14°15'	-20°09'	-20°43'	+21°27'	-05°53'	-17°10'	+10°52'	-14°49'	+20°04'	-03°29'
Feb 18 1963	-11°53'	-19°45'	-20°37'	+22°02'	-05°14'	-16°56'	+10°59'	-14°49'	+20°09'	-03°20'
Feb 25 1963	-09°21'	-18°20'	-20°06'	+22°25'	-04°35'	-16°42'	+11°06'	-14°48'	+20°14'	-03°11'
Mar 4 1963	-06°43'	-15°52'	-19°07'	+22°34'	-03°55'	-16°28'	+11°12'	-14°47'	+20°19'	-03°01'
Mar 11 1963	-03°59'	-12°22'	-17°42'	+22°32'	-03°15'	-16°15'	+11°19'	-14°45'	+20°24'	-02°51'
Mar 18 1963	-01°14'	-07°50'	-15°52'	+22°19'	-02°35'	-16°02'	+11°25'	-14°43'	+20°28'	-02°41'
Mar 25 1963	+01°31'	-02°21'	-13°41'	+21°58'	-01°55'	-15°50'	+11°30'	-14°41'	+20°31'	-02°31'
Apr 1 1963	+04°15'	+03°55'	-11°10'	+21°30'	-01°15'	-15°38'	+11°35'	-14°38'	+20°34'	-02°22'
Apr 8 1963	+06°55'	+10°28'	-08°23'	+20°54'	-00°35'	-15°27'	+11°39'	-14°35'	+20°36'	-02°12'
Apr 15 1963	+09°30'	+16°18'	-05°24'	+20°12'	+00°02'	-15°18'	+11°42'	-14°32'	+20°38'	-02°03'
Apr 22 1963	+11°56'	+20°24'	-02°17'	+19°25'	+00°40'	-15°09'	+11°45'	-14°29'	+20°39'	-01°54'
Apr 29 1963	+14°14'	+22°23'	+00°55'	+18°31'	+01°17'	-15°02'	+11°46'	-14°25'	+20°39'	-01°46'
May 6 1963	+16°19'	+22°20'	+04°08'	+17°32'	+01°53'	-14°57'	+11°47'	-14°22'	+20°38'	-01°38'
May 13 1963	+18°12'	+20°29'	+07°19'	+16°28'	+02°27'	-14°52'	+11°47'	-14°19'	+20°37'	-01°31'
May 20 1963	+19°49'	+17°39'	+10°23'	+15°18'	+03°00'	-14°49'	+11°45'	-14°16'	+20°35'	-01°25'
May 27 1963	+21°10'	+15°18'	+13°16'	+14°03'	+03°30'	-14°48'	+11°43'	-14°13'	+20°33'	-01°20'
Jun 3 1963	+22°13'	+14°32'	+15°55'	+12°44'	+03°59'	-14°49'	+11°40'	-14°10'	+20°30'	-01°16'
Jun 10 1963	+22°57'	+15°29'	+18°15'	+11°20'	+04°26'	-14°50'	+11°36'	-14°07'	+20°26'	-01°13'
Jun 17 1963	+23°21'	+17°39'	+20°13'	+09°52'	+04°50'	-14°54'	+11°31'	-14°05'	+20°22'	-01°10'
Jun 24 1963	+23°25'	+20°22'	+21°44'	+08°20'	+05°11'	-14°59'	+11°26'	-14°03'	+20°18'	-01°09'
Jul 1 1963	+23°09'	+22°49'	+22°46'	+06°44'	+05°30'	-15°05'	+11°20'	-14°02'	+20°13'	-01°09'
Jul 8 1963	+22°33'	+23°56'	+23°17'	+05°05'	+05°46'	-15°13'	+11°13'	-14°01'	+20°08'	-01°10'
Jul 15 1963	+21°38'	+22°57'	+23°14'	+03°23'	+05°58'	-15°21'	+11°05'	-14°00'	+20°02'	-01°12'
Jul 22 1963	+20°25'	+20°00'	+22°38'	+01°39'	+06°08'	-15°31'	+10°57'	-14°00'	+19°56'	-01°15'
Jul 29 1963	+18°55'	+15°51'	+21°29'	-00°05'	+06°14'	-15°41'	+10°48'	-14°00'	+19°51'	-01°19'
Aug 5 1963	+17°10'	+11°10'	+19°49'	-01°53'	+06°16'	-15°51'	+10°39'	-14°01'	+19°45'	-01°24'
Aug 12 1963	+15°11'	+06°24'	+17°42'	-03°41'	+06°15'	-16°02'	+10°30'	-14°03'	+19°39'	-01°30'
Aug 19 1963	+13°01'	+01°53'	+15°11'	-05°29'	+06°10'	-16°12'	+10°21'	-14°04'	+19°33'	-01°36'
Aug 26 1963	+10°40'	-02°00'	+12°18'	-07°17'	+06°01'	-16°22'	+10°11'	-14°07'	+19°27'	-01°44'
Sep 2 1963	+08°11'	-04°50'	+09°10'	-09°04'	+05°49'	-16°31'	+10°01'	-14°09'	+19°22'	-01°51'
Sep 9 1963	+05°36'	-05°46'	+05°49'	-10°49'	+05°35'	-16°40'	+09°52'	-14°12'	+19°16'	-01°59'
Sep 16 1963	+02°55'	-03°47'	+02°19'	-12°32'	+05°17'	-16°47'	+09°42'	-14°16'	+19°11'	-02°07'
Sep 23 1963	+00°13'	+00°37'	-01°13'	-14°11'	+04°57'	-16°54'	+09°33'	-14°19'	+19°07'	-02°15'
Sep 30 1963	-02°30'	+03°50'	-04°46'	-15°47'	+04°36'	-16°59'	+09°24'	-14°23'	+19°02'	-02°23'
Oct 7 1963	-05°12'	+03°15'	-08°14'	-17°17'	+04°15'	-17°02'	+09°15'	-14°28'	+18°59'	-02°31'
Oct 14 1963	-07°52'	-00°19'	-11°34'	-18°41'	+03°53'	-17°04'	+09°07'	-14°32'	+18°56'	-02°38'
Oct 21 1963	-10°26'	-05°08'	-14°41'	-19°58'	+03°33'	-17°05'	+09°00'	-14°36'	+18°53'	-02°45'

Oct 28 1963	-12°52'	-10°05'	-17°30'	-21°07'	+03°14'	-17°04'	+08°53'	-14°41'	+18°51'	-02°50'
Nov 4 1963	-15°08'	-14°40'	-19°56'	-22°07'	+02°57'	-17°01'	+08°47'	-14°46'	+18°50'	-02°56'
Nov 11 1963	-17°13'	-18°39'	-21°56'	-22°57'	+02°44'	-16°57'	+08°42'	-14°50'	+18°49'	-03°00'
Nov 18 1963	-19°03'	-21°52'	-23°25'	-23°36'	+02°34'	-16°52'	+08°37'	-14°55'	+18°49'	-03°03'
Nov 25 1963	-20°36'	-24°12'	-24°20'	-24°03'	+02°28'	-16°45'	+08°34'	-14°59'	+18°50'	-03°05'
Dec 2 1963	-21°50'	-25°31'	-24°39'	-24°18'	+02°26'	-16°37'	+08°32'	-15°03'	+18°51'	-03°06'
Dec 9 1963	-22°44'	-25°42'	-24°22'	-24°20'	+02°28'	-16°27'	+08°31'	-15°07'	+18°54'	-03°06'
Dec 16 1963	-23°17'	-24°44'	-23°28'	-24°08'	+02°35'	-16°16'	+08°30'	-15°11'	+18°56'	-03°05'
Dec 23 1963	-23°26'	-22°52'	-21°59'	-23°44'	+02°45'	-16°04'	+08°31'	-15°14'	+19°00'	-03°03'
Dec 30 1963	-23°12'	-20°57'	-20°00'	-23°06'	+02°58'	-15°52'	+08°33'	-15°17'	+19°03'	-03°00'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 1964	-22°36'	-19°59'	-17°32'	-22°15'	+03°15'	-15°38'	+08°36'	-15°20'	+19°08'	-02°56'
Jan 13 1964	-21°38'	-20°09'	-14°42'	-21°12'	+03°36'	-15°23'	+08°40'	-15°22'	+19°13'	-02°51'
Jan 20 1964	-20°19'	-21°03'	-11°32'	-19°57'	+03°59'	-15°08'	+08°44'	-15°24'	+19°18'	-02°45'
Jan 27 1964	-18°42'	-21°52'	-08°09'	-18°31'	+04°25'	-14°52'	+08°49'	-15°25'	+19°23'	-02°38'
Feb 3 1964	-16°48'	-22°01'	-04°35'	-16°55'	+04°52'	-14°36'	+08°55'	-15°26'	+19°28'	-02°31'
Feb 10 1964	-14°39'	-21°16'	-00°56'	-15°11'	+05°22'	-14°19'	+09°02'	-15°26'	+19°34'	-02°23'
Feb 17 1964	-12°19'	-19°29'	+02°44'	-13°19'	+05°54'	-14°03'	+09°08'	-15°26'	+19°39'	-02°14'
Feb 24 1964	-09°49'	-16°38'	+06°21'	-11°21'	+06°27'	-13°46'	+09°15'	-15°26'	+19°45'	-02°05'
Mar 2 1964	-07°11'	-12°41'	+09°52'	-09°18'	+07°01'	-13°29'	+09°22'	-15°25'	+19°50'	-01°55'
Mar 9 1964	-04°29'	-07°41'	+13°13'	-07°10'	+07°36'	-13°13'	+09°29'	-15°23'	+19°54'	-01°45'
Mar 16 1964	-01°43'	-01°43'	+16°19'	-05°00'	+08°12'	-12°57'	+09°35'	-15°21'	+19°58'	-01°36'
Mar 23 1964	+01°02'	+04°49'	+19°07'	-02°48'	+08°48'	-12°41'	+09°41'	-15°19'	+20°02'	-01°26'
Mar 30 1964	+03°46'	+11°02'	+21°35'	-00°35'	+09°24'	-12°26'	+09°47'	-15°17'	+20°05'	-01°16'
Apr 6 1964	+06°27'	+15°42'	+23°38'	+01°36'	+10°00'	-12°12'	+09°52'	-15°14'	+20°08'	-01°06'
Apr 13 1964	+09°03'	+17°58'	+25°16'	+03°47'	+10°36'	-11°59'	+09°56'	-15°11'	+20°10'	-00°57'
Apr 20 1964	+11°31'	+17°35'	+26°27'	+05°55'	+11°11'	-11°47'	+09°59'	-15°08'	+20°11'	-00°48'
Apr 27 1964	+13°50'	+14°58'	+27°12'	+07°59'	+11°46'	-11°37'	+10°02'	-15°05'	+20°11'	-00°39'
May 4 1964	+15°58'	+11°41'	+27°31'	+09°59'	+12°20'	-11°27'	+10°03'	-15°02'	+20°11'	-00°31'
May 11 1964	+17°53'	+09°39'	+27°28'	+11°53'	+12°53'	-11°19'	+10°04'	-14°58'	+20°10'	-00°24'
May 18 1964	+19°33'	+09°34'	+27°04'	+13°42'	+13°24'	-11°13'	+10°03'	-14°55'	+20°09'	-00°18'
May 25 1964	+20°57'	+11°13'	+26°23'	+15°23'	+13°55'	-11°08'	+10°02'	-14°52'	+20°07'	-00°12'
Jun 1 1964	+22°03'	+14°04'	+25°26'	+16°56'	+14°24'	-11°05'	+09°59'	-14°49'	+20°04'	-00°07'
Jun 8 1964	+22°50'	+17°36'	+24°13'	+18°21'	+14°52'	-11°04'	+09°56'	-14°47'	+20°00'	-00°03'
Jun 15 1964	+23°18'	+21°08'	+22°43'	+19°37'	+15°18'	-11°04'	+09°52'	-14°44'	+19°56'	-00°01'
Jun 22 1964	+23°26'	+23°46'	+21°05'	+20°44'	+15°43'	-11°07'	+09°47'	-14°43'	+19°52'	+00°00'
Jun 29 1964	+23°13'	+24°30'	+19°34'	+21°40'	+16°06'	-11°11'	+09°41'	-14°41'	+19°47'	+00°01'
Jul 6 1964	+22°41'	+23°03'	+18°30'	+22°27'	+16°27'	-11°16'	+09°34'	-14°40'	+19°42'	+00°01'
Jul 13 1964	+21°49'	+19°58'	+17°58'	+23°03'	+16°46'	-11°24'	+09°27'	-14°39'	+19°36'	-00°00'
Jul 20 1964	+20°39'	+16°00'	+17°54'	+23°29'	+17°04'	-11°32'	+09°19'	-14°39'	+19°30'	-00°02'
Jul 27 1964	+19°12'	+11°42'	+18°10'	+23°44'	+17°19'	-11°42'	+09°11'	-14°39'	+19°24'	-00°06'
Aug 3 1964	+17°30'	+07°33'	+18°35'	+23°49'	+17°32'	-11°53'	+09°02'	-14°40'	+19°18'	-00°10'
Aug 10 1964	+15°33'	+03°57'	+18°58'	+23°45'	+17°44'	-12°04'	+08°53'	-14°41'	+19°12'	-00°16'
Aug 17 1964	+13°25'	+01°29'	+19°13'	+23°31'	+17°53'	-12°16'	+08°43'	-14°42'	+19°06'	-00°22'
Aug 24 1964	+11°06'	+01°00'	+19°14'	+23°08'	+18°00'	-12°28'	+08°33'	-14°44'	+19°00'	-00°28'
Aug 31 1964	+08°38'	+03°11'	+18°56'	+22°37'	+18°05'	-12°40'	+08°23'	-14°47'	+18°55'	-00°36'
Sep 7 1964	+06°03'	+06°58'	+18°17'	+21°58'	+18°07'	-12°51'	+08°13'	-14°49'	+18°49'	-00°43'

Sep 14 1964	+03°24'	+09°23'	+17°14'	+21°12'	+18°08'	-13°01'	+08°03'	-14°52'	+18°44'	-00°51'
Sep 21 1964	+00°42'	+08°37'	+15°48'	+20°20'	+18°06'	-13°11'	+07°53'	-14°56'	+18°39'	-01°00'
Sep 28 1964	-02°01'	+05°03'	+13°59'	+19°23'	+18°02'	-13°19'	+07°44'	-15°00'	+18°34'	-01°08'
Oct 5 1964	-04°44'	+00°03'	+11°48'	+18°21'	+17°55'	-13°26'	+07°35'	-15°04'	+18°30'	-01°15'
Oct 12 1964	-07°24'	-05°15'	+09°20'	+17°15'	+17°47'	-13°31'	+07°26'	-15°08'	+18°27'	-01°23'
Oct 19 1964	-09°59'	-10°20'	+06°35'	+16°06'	+17°37'	-13°35'	+07°18'	-15°12'	+18°24'	-01°30'
Oct 26 1964	-12°26'	-14°55'	+03°38'	+14°56'	+17°25'	-13°37'	+07°10'	-15°16'	+18°22'	-01°36'
Nov 2 1964	-14°45'	-18°52'	+00°33'	+13°44'	+17°12'	-13°37'	+07°03'	-15°21'	+18°20'	-01°42'
Nov 9 1964	-16°52'	-22°03'	-02°37'	+12°32'	+16°58'	-13°35'	+06°57'	-15°25'	+18°19'	-01°47'
Nov 16 1964	-18°44'	-24°21'	-05°48'	+11°21'	+16°44'	-13°32'	+06°52'	-15°30'	+18°19'	-01°51'
Nov 23 1964	-20°21'	-25°37'	-08°55'	+10°12'	+16°30'	-13°27'	+06°48'	-15°34'	+18°19'	-01°54'
Nov 30 1964	-21°39'	-25°45'	-11°55'	+09°05'	+16°17'	-13°20'	+06°45'	-15°38'	+18°20'	-01°55'
Dec 7 1964	-22°36'	-24°46'	-14°41'	+08°01'	+16°05'	-13°11'	+06°42'	-15°42'	+18°22'	-01°56'
Dec 14 1964	-23°13'	-22°53'	-17°11'	+07°03'	+15°55'	-13°01'	+06°41'	-15°45'	+18°25'	-01°56'
Dec 21 1964	-23°26'	-20°43'	-19°19'	+06°10'	+15°48'	-12°50'	+06°41'	-15°49'	+18°28'	-01°54'
Dec 28 1964	-23°17'	-19°56'	-21°01'	+05°24'	+15°43'	-12°37'	+06°42'	-15°52'	+18°32'	-01°52'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 1965	-22°44'	-20°50'	-22°14'	+04°47'	+15°41'	-12°23'	+06°44'	-15°55'	+18°36'	-01°48'
Jan 11 1965	-21°50'	-22°09'	-22°55'	+04°19'	+15°41'	-12°08'	+06°47'	-15°57'	+18°40'	-01°44'
Jan 18 1965	-20°35'	-23°03'	-23°02'	+04°03'	+15°45'	-11°52'	+06°51'	-15°59'	+18°46'	-01°38'
Jan 25 1965	-19°00'	-23°07'	-22°34'	+03°59'	+15°52'	-11°35'	+06°56'	-16°00'	+18°51'	-01°32'
Feb 1 1965	-17°09'	-22°11'	-21°32'	+04°08'	+16°01'	-11°17'	+07°01'	-16°01'	+18°56'	-01°25'
Feb 8 1965	-15°03'	-20°09'	-19°59'	+04°32'	+16°12'	-10°59'	+07°07'	-16°02'	+19°02'	-01°17'
Feb 15 1965	-12°44'	-17°00'	-17°57'	+05°09'	+16°26'	-10°41'	+07°14'	-16°02'	+19°07'	-01°09'
Feb 22 1965	-10°16'	-12°41'	-15°30'	+05°59'	+16°42'	-10°22'	+07°21'	-16°02'	+19°13'	-01°00'
Mar 1 1965	-07°40'	-07°17'	-12°42'	+06°56'	+16°59'	-10°03'	+07°28'	-16°01'	+19°18'	-00°51'
Mar 8 1965	-04°58'	-01°04'	-09°37'	+07°57'	+17°18'	-09°44'	+07°35'	-16°00'	+19°23'	-00°41'
Mar 15 1965	-02°13'	+05°09'	-06°20'	+08°54'	+17°37'	-09°26'	+07°42'	-15°58'	+19°27'	-00°31'
Mar 22 1965	+00°32'	+09°58'	-02°54'	+09°43'	+17°58'	-09°08'	+07°48'	-15°56'	+19°31'	-00°22'
Mar 29 1965	+03°17'	+12°04'	+00°35'	+10°20'	+18°18'	-08°50'	+07°54'	-15°54'	+19°35'	-00°12'
Apr 5 1965	+05°59'	+10°57'	+04°05'	+10°41'	+18°40'	-08°33'	+08°00'	-15°52'	+19°38'	-00°02'
Apr 12 1965	+08°36'	+07°37'	+07°31'	+10°48'	+19°01'	-08°17'	+08°05'	-15°49'	+19°40'	+00°06'
Apr 19 1965	+11°05'	+04°28'	+10°49'	+10°39'	+19°21'	-08°02'	+08°09'	-15°46'	+19°41'	+00°15'
Apr 26 1965	+13°26'	+03°09'	+13°54'	+10°18'	+19°42'	-07°47'	+08°12'	-15°43'	+19°42'	+00°24'
May 3 1965	+15°36'	+03°50'	+16°43'	+09°44'	+20°02'	-07°35'	+08°15'	-15°40'	+19°42'	+00°32'
May 10 1965	+17°33'	+06°07'	+19°11'	+09°00'	+20°21'	-07°23'	+08°16'	-15°37'	+19°41'	+00°40'
May 17 1965	+19°16'	+09°33'	+21°13'	+08°07'	+20°39'	-07°13'	+08°17'	-15°34'	+19°40'	+00°47'
May 24 1965	+20°43'	+13°44'	+22°47'	+07°06'	+20°57'	-07°04'	+08°16'	-15°31'	+19°38'	+00°53'
May 31 1965	+21°53'	+18°11'	+23°50'	+05°58'	+21°13'	-06°58'	+08°14'	-15°28'	+19°35'	+00°58'
Jun 7 1965	+22°43'	+22°09'	+24°18'	+04°44'	+21°28'	-06°53'	+08°12'	-15°25'	+19°32'	+01°03'
Jun 14 1965	+23°15'	+24°36'	+24°11'	+03°24'	+21°42'	-06°50'	+08°08'	-15°23'	+19°28'	+01°06'
Jun 21 1965	+23°26'	+24°51'	+23°29'	+01°59'	+21°55'	-06°48'	+08°04'	-15°21'	+19°24'	+01°08'
Jun 28 1965	+23°17'	+23°09'	+22°14'	+00°30'	+22°06'	-06°49'	+07°59'	-15°19'	+19°19'	+01°10'
Jul 5 1965	+22°48'	+20°12'	+20°28'	-01°01'	+22°16'	-06°52'	+07°52'	-15°18'	+19°14'	+01°10'
Jul 12 1965	+22°00'	+16°39'	+18°14'	-02°37'	+22°25'	-06°56'	+07°46'	-15°17'	+19°08'	+01°09'
Jul 19 1965	+20°53'	+13°02'	+15°36'	-04°15'	+22°32'	-07°02'	+07°38'	-15°16'	+19°03'	+01°07'
Jul 26 1965	+19°29'	+09°55'	+12°39'	-05°54'	+22°39'	-07°10'	+07°30'	-15°16'	+18°57'	+01°04'

Aug 2 1965	+17°49'	+07°55'	+09°25'	-07°35'	+22°44'	-07°19'	+07°21'	-15°17'	+18°50'	+01°00'
Aug 9 1965	+15°55'	+07°46'	+06°00'	-09°15'	+22°48'	-07°30'	+07°12'	-15°18'	+18°44'	+00°56'
Aug 16 1965	+13°48'	+09°44'	+02°27'	-10°55'	+22°51'	-07°41'	+07°02'	-15°19'	+18°38'	+00°50'
Aug 23 1965	+11°31'	+12°35'	-01°08'	-12°34'	+22°53'	-07°54'	+06°52'	-15°21'	+18°32'	+00°44'
Aug 30 1965	+09°05'	+14°17'	-04°44'	-14°10'	+22°55'	-08°06'	+06°42'	-15°23'	+18°26'	+00°37'
Sep 6 1965	+06°31'	+13°32'	-08°17'	-15°43'	+22°56'	-08°19'	+06°32'	-15°25'	+18°20'	+00°29'
Sep 13 1965	+03°53'	+10°14'	-11°41'	-17°12'	+22°57'	-08°32'	+06°22'	-15°28'	+18°15'	+00°21'
Sep 20 1965	+01°11'	+05°20'	-14°54'	-18°36'	+22°57'	-08°44'	+06°12'	-15°31'	+18°09'	+00°13'
Sep 27 1965	-01°32'	-00°07'	-17°51'	-19°54'	+22°57'	-08°55'	+06°02'	-15°35'	+18°05'	+00°05'
Oct 4 1965	-04°15'	-05°31'	-20°28'	-21°04'	+22°57'	-09°05'	+05°52'	-15°38'	+18°00'	-00°02'
Oct 11 1965	-06°56'	-10°33'	-22°42'	-22°06'	+22°57'	-09°14'	+05°43'	-15°42'	+17°57'	-00°10'
Oct 18 1965	-09°32'	-15°04'	-24°28'	-22°58'	+22°57'	-09°21'	+05°34'	-15°46'	+17°53'	-00°17'
Oct 25 1965	-12°01'	-18°56'	-25°45'	-23°41'	+22°58'	-09°27'	+05°25'	-15°51'	+17°51'	-00°24'
Nov 1 1965	-14°21'	-22°01'	-26°31'	-24°12'	+22°58'	-09°30'	+05°18'	-15°55'	+17°49'	-00°30'
Nov 8 1965	-16°30'	-24°11'	-26°44'	-24°30'	+22°59'	-09°32'	+05°11'	-15°59'	+17°47'	-00°35'
Nov 15 1965	-18°25'	-25°13'	-26°26'	-24°36'	+22°59'	-09°32'	+05°05'	-16°03'	+17°47'	-00°40'
Nov 22 1965	-20°05'	-24°53'	-25°38'	-24°29'	+23°00'	-09°29'	+05°00'	-16°08'	+17°47'	-00°43'
Nov 29 1965	-21°26'	-22°46'	-24°25'	-24°09'	+23°00'	-09°25'	+04°55'	-16°12'	+17°48'	-00°46'
Dec 6 1965	-22°28'	-19°23'	-22°51'	-23°35'	+23°00'	-09°19'	+04°52'	-16°15'	+17°49'	-00°47'
Dec 13 1965	-23°08'	-17°57'	-21°01'	-22°48'	+23°00'	-09°11'	+04°50'	-16°19'	+17°52'	-00°48'
Dec 20 1965	-23°25'	-19°06'	-19°03'	-21°48'	+22°59'	-09°01'	+04°49'	-16°22'	+17°54'	-00°47'
Dec 27 1965	-23°20'	-21°05'	-17°05'	-20°36'	+22°59'	-08°49'	+04°49'	-16°25'	+17°58'	-00°45'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 1966	-22°52'	-22°48'	-15°14'	-19°13'	+22°58'	-08°36'	+04°50'	-16°28'	+18°02'	-00°42'
Jan 10 1966	-22°01'	-23°48'	-13°42'	-17°40'	+22°56'	-08°22'	+04°52'	-16°31'	+18°06'	-00°38'
Jan 17 1966	-20°49'	-23°50'	-12°38'	-15°57'	+22°55'	-08°06'	+04°56'	-16°33'	+18°11'	-00°33'
Jan 24 1966	-19°18'	-22°47'	-12°07'	-14°07'	+22°55'	-07°50'	+05°00'	-16°34'	+18°17'	-00°27'
Jan 31 1966	-17°30'	-20°34'	-12°08'	-12°10'	+22°54'	-07°32'	+05°05'	-16°35'	+18°22'	-00°21'
Feb 7 1966	-15°26'	-17°08'	-12°33'	-10°07'	+22°55'	-07°13'	+05°10'	-16°36'	+18°28'	-00°13'
Feb 14 1966	-13°10'	-12°31'	-13°09'	-08°00'	+22°55'	-06°54'	+05°16'	-16°36'	+18°33'	-00°06'
Feb 21 1966	-10°43'	-06°54'	-13°44'	-05°49'	+22°57'	-06°35'	+05°23'	-16°36'	+18°39'	+00°02'
Feb 28 1966	-08°08'	-01°01'	-14°08'	-03°37'	+22°59'	-06°15'	+05°30'	-16°36'	+18°44'	+00°11'
Mar 7 1966	-05°27'	+03°37'	-14°16'	-01°24'	+23°01'	-05°55'	+05°37'	-16°35'	+18°49'	+00°20'
Mar 14 1966	-02°42'	+05°17'	-14°04'	+00°48'	+23°04'	-05°34'	+05°44'	-16°34'	+18°54'	+00°30'
Mar 21 1966	+00°03'	+03°23'	-13°27'	+03°00'	+23°07'	-05°15'	+05°51'	-16°32'	+18°58'	+00°40'
Mar 28 1966	+02°48'	-00°11'	-12°27'	+05°10'	+23°10'	-04°55'	+05°58'	-16°30'	+19°02'	+00°49'
Apr 4 1966	+05°30'	-02°45'	-11°04'	+07°16'	+23°14'	-04°36'	+06°04'	-16°28'	+19°05'	+00°59'
Apr 11 1966	+08°08'	-03°18'	-09°18'	+09°18'	+23°17'	-04°17'	+06°10'	-16°25'	+19°08'	+01°09'
Apr 18 1966	+10°39'	-02°01'	-07°14'	+11°15'	+23°19'	-03°59'	+06°15'	-16°22'	+19°09'	+01°18'
Apr 25 1966	+13°02'	+00°41'	-04°53'	+13°06'	+23°22'	-03°42'	+06°19'	-16°20'	+19°10'	+01°27'
May 2 1966	+15°14'	+04°29'	-02°19'	+14°51'	+23°23'	-03°26'	+06°22'	-16°17'	+19°11'	+01°35'
May 9 1966	+17°13'	+09°05'	+00°23'	+16°28'	+23°24'	-03°12'	+06°24'	-16°14'	+19°10'	+01°43'
May 16 1966	+18°59'	+14°11'	+03°12'	+17°57'	+23°24'	-02°58'	+06°26'	-16°11'	+19°09'	+01°50'
May 23 1966	+20°29'	+19°12'	+06°04'	+19°17'	+23°23'	-02°46'	+06°26'	-16°08'	+19°08'	+01°57'
May 30 1966	+21°42'	+23°11'	+08°53'	+20°28'	+23°20'	-02°36'	+06°25'	-16°05'	+19°05'	+02°03'
Jun 6 1966	+22°36'	+25°12'	+11°37'	+21°29'	+23°17'	-02°27'	+06°24'	-16°02'	+19°02'	+02°07'
Jun 13 1966	+23°11'	+25°06'	+14°11'	+22°20'	+23°13'	-02°20'	+06°21'	-16°00'	+18°58'	+02°11'

Jun 20 1966	+23°26'	+23°25'	+16°32'	+23°00'	+23°07'	-02°15'	+06°17'	-15°58'	+18°54'	+02°14'
Jun 27 1966	+23°20'	+20°50'	+18°35'	+23°31'	+23°00'	-02°12'	+06°13'	-15°56'	+18°49'	+02°16'
Jul 4 1966	+22°55'	+17°59'	+20°17'	+23°50'	+22°53'	-02°10'	+06°07'	-15°55'	+18°44'	+02°17'
Jul 11 1966	+22°10'	+15°25'	+21°34'	+23°59'	+22°44'	-02°11'	+06°01'	-15°54'	+18°39'	+02°17'
Jul 18 1966	+21°06'	+13°49'	+22°24'	+23°58'	+22°34'	-02°14'	+05°54'	-15°53'	+18°33'	+02°16'
Jul 25 1966	+19°45'	+13°42'	+22°43'	+23°47'	+22°23'	-02°18'	+05°46'	-15°53'	+18°27'	+02°13'
Aug 1 1966	+18°08'	+15°01'	+22°30'	+23°26'	+22°11'	-02°25'	+05°37'	-15°53'	+18°21'	+02°10'
Aug 8 1966	+16°16'	+16°53'	+21°46'	+22°57'	+21°58'	-02°33'	+05°28'	-15°54'	+18°14'	+02°06'
Aug 15 1966	+14°12'	+18°07'	+20°31'	+22°18'	+21°45'	-02°42'	+05°19'	-15°55'	+18°08'	+02°00'
Aug 22 1966	+11°56'	+17°40'	+18°47'	+21°32'	+21°32'	-02°53'	+05°09'	-15°56'	+18°02'	+01°55'
Aug 29 1966	+09°31'	+14°58'	+16°37'	+20°38'	+21°18'	-03°05'	+04°59'	-15°58'	+17°55'	+01°48'
Sep 5 1966	+06°59'	+10°28'	+14°04'	+19°37'	+21°04'	-03°18'	+04°49'	-16°00'	+17°49'	+01°41'
Sep 12 1966	+04°21'	+05°05'	+11°12'	+18°30'	+20°50'	-03°31'	+04°38'	-16°03'	+17°44'	+01°33'
Sep 19 1966	+01°39'	-00°25'	+08°04'	+17°18'	+20°36'	-03°44'	+04°28'	-16°06'	+17°38'	+01°25'
Sep 26 1966	-01°03'	-05°44'	+04°44'	+16°01'	+20°24'	-03°57'	+04°18'	-16°09'	+17°33'	+01°17'
Oct 3 1966	-03°46'	-10°38'	+01°18'	+14°41'	+20°11'	-04°10'	+04°08'	-16°12'	+17°29'	+01°09'
Oct 10 1966	-06°27'	-14°59'	-02°11'	+13°17'	+20°00'	-04°21'	+03°58'	-16°16'	+17°24'	+01°01'
Oct 17 1966	-09°04'	-18°40'	-05°40'	+11°50'	+19°50'	-04°32'	+03°48'	-16°20'	+17°21'	+00°53'
Oct 24 1966	-11°35'	-21°29'	-09°03'	+10°22'	+19°42'	-04°41'	+03°39'	-16°24'	+17°18'	+00°46'
Oct 31 1966	-13°57'	-23°10'	-12°16'	+08°52'	+19°36'	-04°48'	+03°31'	-16°28'	+17°16'	+00°40'
Nov 7 1966	-16°08'	-23°10'	-15°15'	+07°21'	+19°31'	-04°53'	+03°23'	-16°32'	+17°14'	+00°34'
Nov 14 1966	-18°06'	-20°36'	-17°55'	+05°50'	+19°29'	-04°57'	+03°17'	-16°36'	+17°13'	+00°29'
Nov 21 1966	-19°48'	-16°15'	-20°11'	+04°20'	+19°29'	-04°58'	+03°10'	-16°40'	+17°13'	+00°25'
Nov 28 1966	-21°13'	-14°33'	-21°59'	+02°52'	+19°31'	-04°57'	+03°05'	-16°44'	+17°13'	+00°22'
Dec 5 1966	-22°18'	-16°05'	-23°16'	+01°25'	+19°36'	-04°54'	+03°01'	-16°48'	+17°15'	+00°19'
Dec 12 1966	-23°02'	-18°46'	-23°59'	+00°00'	+19°43'	-04°50'	+02°58'	-16°51'	+17°17'	+00°18'
Dec 19 1966	-23°24'	-21°22'	-24°05'	-01°21'	+19°52'	-04°43'	+02°56'	-16°55'	+17°19'	+00°19'
Dec 26 1966	-23°23'	-23°19'	-23°35'	-02°38'	+20°02'	-04°34'	+02°55'	-16°58'	+17°22'	+00°20'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 1967	-22°58'	-24°22'	-22°29'	-03°52'	+20°14'	-04°23'	+02°55'	-17°01'	+17°26'	+00°22'
Jan 9 1967	-22°12'	-24°22'	-20°50'	-05°01'	+20°27'	-04°11'	+02°57'	-17°03'	+17°31'	+00°25'
Jan 16 1967	-21°04'	-23°12'	-18°41'	-06°05'	+20°39'	-03°57'	+02°59'	-17°05'	+17°35'	+00°30'
Jan 23 1967	-19°36'	-20°48'	-16°06'	-07°03'	+20°52'	-03°41'	+03°02'	-17°07'	+17°41'	+00°35'
Jan 30 1967	-17°50'	-17°10'	-13°10'	-07°54'	+21°04'	-03°25'	+03°07'	-17°08'	+17°46'	+00°41'
Feb 6 1967	-15°49'	-12°24'	-09°56'	-08°38'	+21°15'	-03°07'	+03°12'	-17°09'	+17°52'	+00°48'
Feb 13 1967	-13°35'	-07°09'	-06°30'	-09°14'	+21°25'	-02°48'	+03°17'	-17°09'	+17°57'	+00°56'
Feb 20 1967	-11°10'	-02°54'	-02°55'	-09°41'	+21°33'	-02°29'	+03°24'	-17°10'	+18°03'	+01°04'
Feb 27 1967	-08°36'	-01°46'	+00°43'	-10°00'	+21°40'	-02°09'	+03°31'	-17°09'	+18°08'	+01°12'
Mar 6 1967	-05°56'	-04°08'	+04°21'	-10°09'	+21°44'	-01°49'	+03°38'	-17°08'	+18°14'	+01°22'
Mar 13 1967	-03°12'	-07°24'	+07°55'	-10°06'	+21°47'	-01°28'	+03°45'	-17°07'	+18°19'	+01°31'
Mar 20 1967	-00°26'	-09°13'	+11°20'	-09°53'	+21°49'	-01°07'	+03°52'	-17°06'	+18°23'	+01°41'
Mar 27 1967	+02°19'	-09°11'	+14°32'	-09°30'	+21°48'	-00°47'	+03°59'	-17°04'	+18°27'	+01°50'
Apr 3 1967	+05°02'	-07°36'	+17°28'	-08°57'	+21°46'	-00°26'	+04°06'	-17°02'	+18°30'	+02°00'
Apr 10 1967	+07°41'	-04°43'	+20°02'	-08°16'	+21°42'	-00°06'	+04°12'	-17°00'	+18°33'	+02°09'
Apr 17 1967	+10°13'	-00°48'	+22°12'	-07°31'	+21°36'	+00°12'	+04°18'	-16°57'	+18°35'	+02°19'
Apr 24 1967	+12°37'	+03°59'	+23°53'	-06°48'	+21°29'	+00°31'	+04°22'	-16°55'	+18°37'	+02°28'
May 1 1967	+14°51'	+09°27'	+25°03'	-06°10'	+21°21'	+00°49'	+04°26'	-16°52'	+18°37'	+02°36'

May 8 1967	+16°53'	+15°10'	+25°41'	-05°43'	+21°10'	+01°06'	+04°30'	-16°49'	+18°37'	+02°45'
May 15 1967	+18°41'	+20°22'	+25°46'	-05°29'	+20°59'	+01°22'	+04°32'	-16°46'	+18°36'	+02°52'
May 22 1967	+20°14'	+24°00'	+25°18'	-05°28'	+20°45'	+01°37'	+04°33'	-16°43'	+18°35'	+02°59'
May 29 1967	+21°30'	+25°33'	+24°19'	-05°42'	+20°31'	+01°51'	+04°33'	-16°41'	+18°33'	+03°05'
Jun 5 1967	+22°28'	+25°17'	+22°52'	-06°08'	+20°15'	+02°03'	+04°32'	-16°38'	+18°30'	+03°10'
Jun 12 1967	+23°06'	+23°50'	+21°02'	-06°46'	+19°57'	+02°13'	+04°31'	-16°36'	+18°26'	+03°15'
Jun 19 1967	+23°24'	+21°48'	+18°52'	-07°34'	+19°38'	+02°22'	+04°28'	-16°34'	+18°22'	+03°18'
Jun 26 1967	+23°23'	+19°45'	+16°26'	-08°31'	+19°18'	+02°29'	+04°24'	-16°32'	+18°18'	+03°21'
Jul 3 1967	+23°01'	+18°15'	+13°51'	-09°35'	+18°56'	+02°34'	+04°19'	-16°30'	+18°13'	+03°22'
Jul 10 1967	+22°19'	+17°42'	+11°10'	-10°44'	+18°34'	+02°37'	+04°13'	-16°29'	+18°07'	+03°22'
Jul 17 1967	+21°19'	+18°12'	+08°31'	-11°58'	+18°10'	+02°39'	+04°07'	-16°28'	+18°01'	+03°22'
Jul 24 1967	+20°01'	+19°24'	+05°59'	-13°15'	+17°45'	+02°38'	+03°59'	-16°28'	+17°55'	+03°20'
Jul 31 1967	+18°26'	+20°34'	+03°44'	-14°33'	+17°19'	+02°36'	+03°51'	-16°28'	+17°49'	+03°17'
Aug 7 1967	+16°37'	+20°43'	+01°56'	-15°52'	+16°53'	+02°31'	+03°43'	-16°28'	+17°43'	+03°14'
Aug 14 1967	+14°35'	+18°57'	+00°46'	-17°10'	+16°26'	+02°25'	+03°34'	-16°29'	+17°36'	+03°09'
Aug 21 1967	+12°21'	+15°11'	+00°30'	-18°26'	+15°58'	+02°17'	+03°24'	-16°30'	+17°30'	+03°03'
Aug 28 1967	+09°58'	+10°12'	+01°09'	-19°39'	+15°31'	+02°08'	+03°14'	-16°32'	+17°23'	+02°57'
Sep 4 1967	+07°26'	+04°47'	+02°33'	-20°48'	+15°03'	+01°57'	+03°04'	-16°34'	+17°17'	+02°50'
Sep 11 1967	+04°49'	-00°36'	+04°13'	-21°51'	+14°35'	+01°45'	+02°53'	-16°36'	+17°11'	+02°43'
Sep 18 1967	+02°08'	-05°43'	+05°43'	-22°47'	+14°07'	+01°33'	+02°43'	-16°39'	+17°05'	+02°35'
Sep 25 1967	-00°34'	-10°24'	+06°47'	-23°34'	+13°40'	+01°20'	+02°32'	-16°42'	+17°00'	+02°27'
Oct 2 1967	-03°17'	-14°27'	+07°16'	-24°13'	+13°13'	+01°07'	+02°22'	-16°45'	+16°55'	+02°19'
Oct 9 1967	-05°59'	-17°41'	+07°11'	-24°41'	+12°47'	+00°54'	+02°12'	-16°49'	+16°51'	+02°11'
Oct 16 1967	-08°37'	-19°42'	+06°33'	-24°58'	+12°23'	+00°41'	+02°02'	-16°52'	+16°47'	+02°03'
Oct 23 1967	-11°09'	-19°43'	+05°24'	-25°03'	+12°00'	+00°30'	+01°53'	-16°56'	+16°44'	+01°56'
Oct 30 1967	-13°33'	-16°36'	+03°49'	-24°55'	+11°38'	+00°19'	+01°44'	-17°00'	+16°41'	+01°49'
Nov 6 1967	-15°46'	-11°44'	+01°53'	-24°35'	+11°19'	+00°11'	+01°35'	-17°04'	+16°39'	+01°43'
Nov 13 1967	-17°46'	-10°04'	-00°21'	-24°01'	+11°02'	+00°04'	+01°28'	-17°08'	+16°38'	+01°37'
Nov 20 1967	-19°31'	-12°03'	-02°48'	-23°15'	+10°47'	-00°01'	+01°21'	-17°11'	+16°37'	+01°32'
Nov 27 1967	-20°59'	-15°25'	-05°24'	-22°16'	+10°35'	-00°04'	+01°15'	-17°15'	+16°37'	+01°29'
Dec 4 1967	-22°08'	-18°50'	-08°04'	-21°06'	+10°27'	-00°05'	+01°10'	-17°19'	+16°38'	+01°26'
Dec 11 1967	-22°56'	-21°42'	-10°43'	-19°44'	+10°21'	-00°04'	+01°06'	-17°22'	+16°40'	+01°24'
Dec 18 1967	-23°22'	-23°45'	-13°16'	-18°12'	+10°19'	-00°01'	+01°03'	-17°26'	+16°42'	+01°24'
Dec 25 1967	-23°24'	-24°50'	-15°39'	-16°31'	+10°20'	+00°04'	+01°01'	-17°29'	+16°45'	+01°24'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 1968	-23°04'	-24°47'	-17°46'	-14°42'	+10°25'	+00°11'	+01°00'	-17°32'	+16°49'	+01°26'
Jan 8 1968	-22°21'	-23°31'	-19°32'	-12°46'	+10°34'	+00°20'	+01°01'	-17°34'	+16°53'	+01°29'
Jan 15 1968	-21°17'	-21°00'	-20°55'	-10°44'	+10°45'	+00°31'	+01°02'	-17°36'	+16°58'	+01°33'
Jan 22 1968	-19°53'	-17°17'	-21°51'	-08°38'	+11°00'	+00°44'	+01°04'	-17°38'	+17°03'	+01°37'
Jan 29 1968	-18°10'	-12°53'	-22°16'	-06°29'	+11°16'	+00°58'	+01°08'	-17°39'	+17°08'	+01°43'
Feb 5 1968	-16°12'	-09°14'	-22°09'	-04°17'	+11°35'	+01°14'	+01°12'	-17°40'	+17°14'	+01°49'
Feb 12 1968	-14°00'	-08°29'	-21°30'	-02°04'	+11°55'	+01°31'	+01°17'	-17°41'	+17°19'	+01°56'
Feb 19 1968	-11°36'	-10°45'	-20°21'	+00°08'	+12°15'	+01°49'	+01°23'	-17°41'	+17°25'	+02°04'
Feb 26 1968	-09°04'	-13°19'	-18°41'	+02°20'	+12°35'	+02°07'	+01°30'	-17°41'	+17°31'	+02°13'
Mar 4 1968	-06°24'	-14°31'	-16°36'	+04°30'	+12°54'	+02°27'	+01°37'	-17°41'	+17°36'	+02°21'
Mar 11 1968	-03°41'	-14°13'	-14°08'	+06°36'	+13°12'	+02°47'	+01°44'	-17°40'	+17°41'	+02°31'
Mar 18 1968	-00°55'	-12°37'	-11°20'	+08°39'	+13°27'	+03°07'	+01°51'	-17°39'	+17°46'	+02°40'



Mar 25 1968	+01°50'	-09°50'	-08°17'	+10°38'	+13°40'	+03°27'	+01°58'	-17°37'	+17°50'	+02°50'
Apr 1 1968	+04°33'	-06°02'	-05°04'	+12°31'	+13°50'	+03°48'	+02°05'	-17°35'	+17°54'	+02°59'
Apr 8 1968	+07°13'	-01°17'	-01°43'	+14°17'	+13°57'	+04°08'	+02°12'	-17°33'	+17°57'	+03°09'
Apr 15 1968	+09°47'	+04°15'	+01°40'	+15°57'	+14°00'	+04°28'	+02°18'	-17°31'	+17°59'	+03°18'
Apr 22 1968	+12°12'	+10°20'	+05°03'	+17°28'	+14°01'	+04°48'	+02°24'	-17°28'	+18°01'	+03°27'
Apr 29 1968	+14°28'	+16°22'	+08°22'	+18°52'	+13°58'	+05°07'	+02°28'	-17°26'	+18°02'	+03°36'
May 6 1968	+16°33'	+21°19'	+11°31'	+20°07'	+13°53'	+05°25'	+02°32'	-17°23'	+18°02'	+03°44'
May 13 1968	+18°23'	+24°21'	+14°27'	+21°12'	+13°44'	+05°43'	+02°35'	-17°20'	+18°02'	+03°52'
May 20 1968	+19°59'	+25°28'	+17°06'	+22°07'	+13°33'	+05°59'	+02°38'	-17°18'	+18°00'	+03°59'
May 27 1968	+21°18'	+25°06'	+19°24'	+22°53'	+13°19'	+06°15'	+02°39'	-17°15'	+17°58'	+04°06'
Jun 3 1968	+22°19'	+23°44'	+21°16'	+23°28'	+13°02'	+06°29'	+02°39'	-17°13'	+17°56'	+04°11'
Jun 10 1968	+23°01'	+21°52'	+22°40'	+23°52'	+12°44'	+06°42'	+02°38'	-17°10'	+17°52'	+04°16'
Jun 17 1968	+23°23'	+19°59'	+23°32'	+24°07'	+12°23'	+06°53'	+02°36'	-17°08'	+17°49'	+04°20'
Jun 24 1968	+23°24'	+18°49'	+23°50'	+24°11'	+12°00'	+07°03'	+02°33'	-17°06'	+17°44'	+04°23'
Jul 1 1968	+23°06'	+18°49'	+23°34'	+24°04'	+11°35'	+07°12'	+02°29'	-17°05'	+17°39'	+04°25'
Jul 8 1968	+22°28'	+19°54'	+22°43'	+23°48'	+11°08'	+07°19'	+02°24'	-17°03'	+17°34'	+04°26'
Jul 15 1968	+21°31'	+21°25'	+21°20'	+23°22'	+10°40'	+07°24'	+02°18'	-17°02'	+17°28'	+04°26'
Jul 22 1968	+20°16'	+22°26'	+19°27'	+22°48'	+10°10'	+07°27'	+02°11'	-17°02'	+17°22'	+04°25'
Jul 29 1968	+18°44'	+21°52'	+17°07'	+22°04'	+09°39'	+07°28'	+02°04'	-17°02'	+17°16'	+04°23'
Aug 5 1968	+16°57'	+19°14'	+14°24'	+21°13'	+09°07'	+07°28'	+01°56'	-17°02'	+17°09'	+04°20'
Aug 12 1968	+14°57'	+14°58'	+11°22'	+20°14'	+08°35'	+07°26'	+01°47'	-17°02'	+17°03'	+04°16'
Aug 19 1968	+12°45'	+09°55'	+08°06'	+19°08'	+08°01'	+07°22'	+01°38'	-17°03'	+16°56'	+04°11'
Aug 26 1968	+10°24'	+04°38'	+04°39'	+17°56'	+07°27'	+07°16'	+01°28'	-17°05'	+16°49'	+04°05'
Sep 2 1968	+07°54'	-00°30'	+01°05'	+16°39'	+06°52'	+07°09'	+01°18'	-17°07'	+16°43'	+03°58'
Sep 9 1968	+05°18'	-05°18'	-02°30'	+15°16'	+06°17'	+07°00'	+01°08'	-17°09'	+16°37'	+03°51'
Sep 16 1968	+02°37'	-09°33'	-06°05'	+13°49'	+05°42'	+06°50'	+00°57'	-17°11'	+16°31'	+03°44'
Sep 23 1968	-00°05'	-12°57'	-09°33'	+12°18'	+05°06'	+06°39'	+00°47'	-17°14'	+16°25'	+03°36'
Sep 30 1968	-02°49'	-15°01'	-12°52'	+10°45'	+04°32'	+06°27'	+00°36'	-17°17'	+16°20'	+03°28'
Oct 7 1968	-05°31'	-14°47'	-15°56'	+09°08'	+03°57'	+06°15'	+00°26'	-17°20'	+16°15'	+03°20'
Oct 14 1968	-08°09'	-11°10'	-18°41'	+07°30'	+03°24'	+06°03'	+00°15'	-17°23'	+16°11'	+03°12'
Oct 21 1968	-10°42'	-06°16'	-21°03'	+05°50'	+02°51'	+05°50'	+00°06'	-17°27'	+16°08'	+03°04'
Oct 28 1968	-13°08'	-04°53'	-22°58'	+04°09'	+02°19'	+05°39'	-00°03'	-17°30'	+16°05'	+02°57'
Nov 4 1968	-15°23'	-07°17'	-24°21'	+02°28'	+01°49'	+05°28'	-00°12'	-17°34'	+16°02'	+02°50'
Nov 11 1968	-17°26'	-11°15'	-25°10'	+00°47'	+01°20'	+05°18'	-00°20'	-17°38'	+16°01'	+02°44'
Nov 18 1968	-19°14'	-15°23'	-25°24'	-00°53'	+00°53'	+05°10'	-00°27'	-17°42'	+16°00'	+02°39'
Nov 25 1968	-20°45'	-19°05'	-25°01'	-02°32'	+00°28'	+05°03'	-00°34'	-17°45'	+16°00'	+02°35'
Dec 2 1968	-21°57'	-22°03'	-24°03'	-04°09'	+00°06'	+04°58'	-00°40'	-17°49'	+16°00'	+02°32'
Dec 9 1968	-22°49'	-24°09'	-22°32'	-05°45'	-00°13'	+04°55'	-00°45'	-17°52'	+16°01'	+02°29'
Dec 16 1968	-23°19'	-25°13'	-20°31'	-07°17'	-00°30'	+04°55'	-00°49'	-17°55'	+16°03'	+02°28'
Dec 23 1968	-23°26'	-25°08'	-18°04'	-08°47'	-00°45'	+04°56'	-00°52'	-17°58'	+16°06'	+02°28'
Dec 30 1968	-23°09'	-23°49'	-15°16'	-10°13'	-00°56'	+04°59'	-00°53'	-18°01'	+16°10'	+02°29'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 1969	-22°31'	-21°17'	-12°10'	-11°35'	-01°03'	+05°05'	-00°54'	-18°04'	+16°13'	+02°31'
Jan 13 1969	-21°30'	-17°54'	-08°53'	-12°53'	-01°07'	+05°12'	-00°53'	-18°06'	+16°18'	+02°34'
Jan 20 1969	-20°09'	-14°55'	-05°28'	-14°06'	-01°07'	+05°21'	-00°52'	-18°08'	+16°23'	+02°38'
Jan 27 1969	-18°30'	-14°15'	-01°59'	-15°14'	-01°04'	+05°32'	-00°49'	-18°09'	+16°28'	+02°44'
Feb 3 1969	-16°34'	-15°51'	+01°27'	-16°17'	-00°57'	+05°44'	-00°46'	-18°10'	+16°34'	+02°49'

Feb 10 1969	-14°24'	-17°37'	+04°48'	-17°15'	-00°46'	+05°58'	-00°41'	-18°11'	+16°39'	+02°56'
Feb 17 1969	-12°02'	-18°27'	+07°59'	-18°07'	-00°32'	+06°14'	-00°36'	-18°11'	+16°45'	+03°04'
Feb 24 1969	-09°31'	-18°13'	+10°54'	-18°54'	-00°16'	+06°30'	-00°30'	-18°11'	+16°51'	+03°12'
Mar 3 1969	-06°53'	-16°52'	+13°27'	-19°36'	+00°02'	+06°47'	-00°24'	-18°11'	+16°56'	+03°20'
Mar 10 1969	-04°10'	-14°26'	+15°29'	-20°14'	+00°23'	+07°05'	-00°17'	-18°10'	+17°02'	+03°29'
Mar 17 1969	-01°25'	-10°58'	+16°50'	-20°46'	+00°44'	+07°23'	-00°10'	-18°09'	+17°07'	+03°38'
Mar 24 1969	+01°20'	-06°31'	+17°14'	-21°15'	+01°06'	+07°42'	-00°02'	-18°08'	+17°11'	+03°48'
Mar 31 1969	+04°04'	-01°08'	+16°29'	-21°41'	+01°27'	+08°02'	+00°04'	-18°07'	+17°15'	+03°57'
Apr 7 1969	+06°45'	+05°00'	+14°33'	-22°04'	+01°47'	+08°21'	+00°11'	-18°05'	+17°18'	+04°07'
Apr 14 1969	+09°20'	+11°28'	+11°54'	-22°24'	+02°05'	+08°40'	+00°17'	-18°03'	+17°21'	+04°16'
Apr 21 1969	+11°47'	+17°20'	+09°13'	-22°44'	+02°21'	+08°59'	+00°23'	-18°00'	+17°23'	+04°25'
Apr 28 1969	+14°05'	+21°34'	+07°09'	-23°02'	+02°34'	+09°18'	+00°29'	-17°58'	+17°24'	+04°34'
May 5 1969	+16°11'	+23°47'	+05°57'	-23°19'	+02°43'	+09°36'	+00°34'	-17°55'	+17°25'	+04°43'
May 12 1969	+18°05'	+24°11'	+05°37'	-23°34'	+02°49'	+09°53'	+00°37'	-17°53'	+17°25'	+04°51'
May 19 1969	+19°43'	+23°02'	+06°01'	-23°46'	+02°52'	+10°10'	+00°40'	-17°50'	+17°24'	+04°58'
May 26 1969	+21°05'	+20°47'	+06°59'	-23°54'	+02°50'	+10°27'	+00°42'	-17°48'	+17°22'	+05°05'
Jun 2 1969	+22°09'	+18°20'	+08°22'	-23°57'	+02°46'	+10°42'	+00°43'	-17°45'	+17°20'	+05°11'
Jun 9 1969	+22°55'	+16°52'	+10°03'	-23°55'	+02°38'	+10°56'	+00°43'	-17°43'	+17°17'	+05°16'
Jun 16 1969	+23°20'	+16°59'	+11°54'	-23°50'	+02°26'	+11°09'	+00°42'	-17°41'	+17°13'	+05°21'
Jun 23 1969	+23°26'	+18°27'	+13°48'	-23°45'	+02°12'	+11°21'	+00°40'	-17°39'	+17°09'	+05°24'
Jun 30 1969	+23°11'	+20°37'	+15°40'	-23°42'	+01°54'	+11°31'	+00°37'	-17°37'	+17°04'	+05°26'
Jul 7 1969	+22°36'	+22°39'	+17°25'	-23°44'	+01°34'	+11°40'	+00°33'	-17°36'	+16°58'	+05°28'
Jul 14 1969	+21°42'	+23°29'	+18°57'	-23°50'	+01°12'	+11°48'	+00°28'	-17°35'	+16°53'	+05°29'
Jul 21 1969	+20°30'	+22°17'	+20°13'	-24°03'	+00°47'	+11°54'	+00°22'	-17°34'	+16°47'	+05°28'
Jul 28 1969	+19°01'	+19°08'	+21°08'	-24°20'	+00°21'	+11°59'	+00°15'	-17°34'	+16°40'	+05°26'
Aug 4 1969	+17°17'	+14°45'	+21°39'	-24°40'	-00°06'	+12°02'	+00°08'	-17°34'	+16°34'	+05°24'
Aug 11 1969	+15°19'	+09°50'	+21°43'	-25°02'	-00°36'	+12°04'	-00°00'	-17°34'	+16°27'	+05°20'
Aug 18 1969	+13°09'	+04°51'	+21°20'	-25°24'	-01°08'	+12°03'	-00°08'	-17°35'	+16°21'	+05°16'
Aug 25 1969	+10°49'	+00°05'	+20°28'	-25°44'	-01°40'	+12°02'	-00°18'	-17°36'	+16°14'	+05°11'
Sep 1 1969	+08°21'	-04°08'	+19°08'	-26°00'	-02°13'	+11°58'	-00°28'	-17°38'	+16°07'	+05°04'
Sep 8 1969	+05°46'	-07°30'	+17°21'	-26°11'	-02°47'	+11°53'	-00°38'	-17°40'	+16°01'	+04°58'
Sep 15 1969	+03°06'	-09°22'	+15°10'	-26°15'	-03°22'	+11°47'	-00°48'	-17°42'	+15°55'	+04°50'
Sep 22 1969	+00°23'	-08°42'	+12°38'	-26°11'	-03°57'	+11°40'	-00°59'	-17°44'	+15°49'	+04°43'
Sep 29 1969	-02°20'	-04°49'	+09°48'	-25°58'	-04°32'	+11°31'	-01°09'	-17°47'	+15°43'	+04°35'
Oct 6 1969	-05°02'	-00°20'	+06°44'	-25°36'	-05°08'	+11°21'	-01°20'	-17°50'	+15°38'	+04°27'
Oct 13 1969	-07°42'	+00°37'	+03°29'	-25°02'	-05°42'	+11°11'	-01°30'	-17°53'	+15°34'	+04°19'
Oct 20 1969	-10°16'	-02°03'	+00°07'	-24°18'	-06°17'	+11°00'	-01°40'	-17°57'	+15°30'	+04°11'
Oct 27 1969	-12°43'	-06°28'	-03°15'	-23°24'	-06°51'	+10°49'	-01°50'	-18°00'	+15°27'	+04°04'
Nov 3 1969	-15°00'	-11°11'	-06°37'	-22°18'	-07°24'	+10°38'	-01°59'	-18°03'	+15°24'	+03°57'
Nov 10 1969	-17°05'	-15°35'	-09°53'	-21°03'	-07°57'	+10°27'	-02°08'	-18°07'	+15°22'	+03°50'
Nov 17 1969	-18°56'	-19°22'	-12°58'	-19°38'	-08°28'	+10°18'	-02°16'	-18°10'	+15°21'	+03°45'
Nov 24 1969	-20°30'	-22°23'	-15°47'	-18°04'	-08°57'	+10°09'	-02°23'	-18°14'	+15°20'	+03°40'
Dec 1 1969	-21°46'	-24°29'	-18°17'	-16°22'	-09°26'	+10°02'	-02°30'	-18°17'	+15°20'	+03°36'
Dec 8 1969	-22°42'	-25°32'	-20°22'	-14°33'	-09°52'	+09°56'	-02°35'	-18°21'	+15°21'	+03°33'
Dec 15 1969	-23°15'	-25°26'	-21°59'	-12°37'	-10°17'	+09°51'	-02°40'	-18°24'	+15°23'	+03°31'
Dec 22 1969	-23°26'	-24°07'	-23°04'	-10°37'	-10°40'	+09°49'	-02°44'	-18°27'	+15°26'	+03°31'
Dec 29 1969	-23°14'	-21°51'	-23°35'	-08°33'	-11°01'	+09°48'	-02°47'	-18°29'	+15°29'	+03°31'

	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 1970	-22°39'	-19°31'	-23°30'	-06°26'	-11°19'	+09°50'	-02°48'	-18°32'	+15°32'	+03°33'
Jan 12 1970	-21°42'	-18°32'	-22°49'	-04°17'	-11°35'	+09°53'	-02°49'	-18°34'	+15°37'	+03°35'
Jan 19 1970	-20°25'	-19°04'	-21°35'	-02°07'	-11°48'	+09°58'	-02°48'	-18°36'	+15°41'	+03°39'
Jan 26 1970	-18°49'	-20°07'	-19°48'	+00°02'	-11°59'	+10°05'	-02°46'	-18°37'	+15°47'	+03°43'
Feb 2 1970	-16°55'	-20°55'	-17°33'	+02°11'	-12°06'	+10°14'	-02°44'	-18°39'	+15°52'	+03°49'
Feb 9 1970	-14°48'	-21°01'	-14°54'	+04°18'	-12°11'	+10°24'	-02°40'	-18°39'	+15°58'	+03°55'
Feb 16 1970	-12°28'	-20°10'	-11°55'	+06°23'	-12°13'	+10°35'	-02°35'	-18°40'	+16°03'	+04°02'
Feb 23 1970	-09°58'	-18°19'	-08°40'	+08°24'	-12°11'	+10°48'	-02°30'	-18°40'	+16°09'	+04°09'
Mar 2 1970	-07°21'	-15°25'	-05°15'	+10°21'	-12°07'	+11°02'	-02°24'	-18°40'	+16°15'	+04°18'
Mar 9 1970	-04°39'	-11°27'	-01°42'	+12°12'	-12°00'	+11°17'	-02°18'	-18°40'	+16°20'	+04°26'
Mar 16 1970	-01°54'	-06°28'	+01°53'	+13°58'	-11°50'	+11°32'	-02°11'	-18°39'	+16°25'	+04°35'
Mar 23 1970	+00°51'	-00°33'	+05°26'	+15°38'	-11°37'	+11°48'	-02°04'	-18°38'	+16°30'	+04°44'
Mar 30 1970	+03°35'	+05°58'	+08°54'	+17°10'	-11°23'	+12°05'	-01°57'	-18°36'	+16°34'	+04°54'
Apr 6 1970	+06°17'	+12°20'	+12°12'	+18°35'	-11°06'	+12°22'	-01°50'	-18°35'	+16°38'	+05°03'
Apr 13 1970	+08°53'	+17°22'	+15°16'	+19°51'	-10°49'	+12°39'	-01°43'	-18°33'	+16°41'	+05°13'
Apr 20 1970	+11°22'	+20°17'	+18°01'	+20°59'	-10°31'	+12°56'	-01°36'	-18°31'	+16°43'	+05°22'
Apr 27 1970	+13°41'	+20°54'	+20°23'	+21°57'	-10°12'	+13°13'	-01°30'	-18°29'	+16°45'	+05°31'
May 4 1970	+15°50'	+19°21'	+22°19'	+22°46'	-09°55'	+13°30'	-01°25'	-18°26'	+16°46'	+05°39'
May 11 1970	+17°46'	+16°24'	+23°45'	+23°25'	-09°38'	+13°46'	-01°20'	-18°24'	+16°46'	+05°48'
May 18 1970	+19°27'	+13°41'	+24°37'	+23°54'	-09°24'	+14°02'	-01°17'	-18°21'	+16°45'	+05°55'
May 25 1970	+20°52'	+12°33'	+24°55'	+24°13'	-09°11'	+14°17'	-01°14'	-18°19'	+16°44'	+06°02'
Jun 1 1970	+21°59'	+13°16'	+24°38'	+24°21'	-09°02'	+14°32'	-01°12'	-18°17'	+16°42'	+06°09'
Jun 8 1970	+22°48'	+15°23'	+23°47'	+24°20'	-08°55'	+14°45'	-01°11'	-18°14'	+16°39'	+06°14'
Jun 15 1970	+23°17'	+18°19'	+22°24'	+24°09'	-08°51'	+14°58'	-01°11'	-18°12'	+16°35'	+06°19'
Jun 22 1970	+23°26'	+21°23'	+20°31'	+23°48'	-08°51'	+15°10'	-01°12'	-18°10'	+16°31'	+06°23'
Jun 29 1970	+23°15'	+23°39'	+18°12'	+23°18'	-08°54'	+15°21'	-01°15'	-18°09'	+16°27'	+06°26'
Jul 6 1970	+22°44'	+24°06'	+15°32'	+22°39'	-09°00'	+15°31'	-01°18'	-18°07'	+16°21'	+06°28'
Jul 13 1970	+21°53'	+22°23'	+12°33'	+21°52'	-09°09'	+15°40'	-01°22'	-18°06'	+16°16'	+06°29'
Jul 20 1970	+20°44'	+19°00'	+09°21'	+20°57'	-09°21'	+15°48'	-01°27'	-18°06'	+16°10'	+06°29'
Jul 27 1970	+19°18'	+14°44'	+05°59'	+19°55'	-09°35'	+15°54'	-01°33'	-18°05'	+16°04'	+06°28'
Aug 3 1970	+17°37'	+10°09'	+02°31'	+18°46'	-09°52'	+15°59'	-01°40'	-18°05'	+15°57'	+06°26'
Aug 10 1970	+15°41'	+05°39'	-00°59'	+17°30'	-10°11'	+16°03'	-01°48'	-18°05'	+15°50'	+06°23'
Aug 17 1970	+13°33'	+01°37'	-04°28'	+16°09'	-10°32'	+16°06'	-01°56'	-18°06'	+15°44'	+06°20'
Aug 24 1970	+11°15'	-01°30'	-07°53'	+14°44'	-10°55'	+16°07'	-02°05'	-18°07'	+15°37'	+06°15'
Aug 31 1970	+08°48'	-02°59'	-11°10'	+13°13'	-11°19'	+16°07'	-02°14'	-18°08'	+15°30'	+06°09'
Sep 7 1970	+06°13'	-01°53'	-14°16'	+11°39'	-11°45'	+16°06'	-02°24'	-18°10'	+15°23'	+06°03'
Sep 14 1970	+03°34'	+01°53'	-17°07'	+10°01'	-12°11'	+16°04'	-02°34'	-18°12'	+15°17'	+05°56'
Sep 21 1970	+00°52'	+05°37'	-19°40'	+08°20'	-12°39'	+16°00'	-02°44'	-18°14'	+15°11'	+05°48'
Sep 28 1970	-01°51'	+06°09'	-21°51'	+06°37'	-13°06'	+15°55'	-02°55'	-18°16'	+15°05'	+05°41'
Oct 5 1970	-04°34'	+03°20'	-23°37'	+04°53'	-13°35'	+15°49'	-03°05'	-18°19'	+15°00'	+05°33'
Oct 12 1970	-07°14'	-01°18'	-24°52'	+03°07'	-14°03'	+15°42'	-03°15'	-18°22'	+14°55'	+05°25'
Oct 19 1970	-09°49'	-06°26'	-25°27'	+01°20'	-14°31'	+15°34'	-03°26'	-18°25'	+14°51'	+05°17'
Oct 26 1970	-12°17'	-11°24'	-25°13'	-00°26'	-14°59'	+15°26'	-03°36'	-18°28'	+14°47'	+05°09'
Nov 2 1970	-14°36'	-15°51'	-23°58'	-02°12'	-15°27'	+15°17'	-03°45'	-18°31'	+14°44'	+05°02'
Nov 9 1970	-16°44'	-19°38'	-21°44'	-03°58'	-15°54'	+15°08'	-03°54'	-18°35'	+14°42'	+04°55'
Nov 16 1970	-18°37'	-22°38'	-18°56'	-05°42'	-16°20'	+14°59'	-04°03'	-18°38'	+14°40'	+04°49'

Nov 23 1970	-20°15'	-24°43'	-16°17'	-07°24'	-16°46'	+14°51'	-04°11'	-18°41'	+14°39'	+04°44'
Nov 30 1970	-21°34'	-25°45'	-14°21'	-09°04'	-17°10'	+14°43'	-04°18'	-18°45'	+14°39'	+04°40'
Dec 7 1970	-22°33'	-25°38'	-13°21'	-10°41'	-17°33'	+14°36'	-04°24'	-18°48'	+14°40'	+04°36'
Dec 14 1970	-23°11'	-24°26'	-13°12'	-12°14'	-17°56'	+14°30'	-04°30'	-18°51'	+14°41'	+04°34'
Dec 21 1970	-23°26'	-22°37'	-13°42'	-13°43'	-18°16'	+14°25'	-04°34'	-18°53'	+14°43'	+04°33'
Dec 28 1970	-23°18'	-20°56'	-14°39'	-15°08'	-18°36'	+14°22'	-04°38'	-18°56'	+14°46'	+04°33'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 1971	-22°47'	-20°13'	-15°51'	-16°27'	-18°53'	+14°20'	-04°40'	-18°59'	+14°50'	+04°33'
Jan 11 1971	-21°54'	-20°48'	-17°08'	-17°41'	-19°10'	+14°19'	-04°42'	-19°01'	+14°54'	+04°35'
Jan 18 1971	-20°40'	-21°52'	-18°22'	-18°49'	-19°24'	+14°21'	-04°42'	-19°03'	+14°58'	+04°38'
Jan 25 1971	-19°07'	-22°32'	-19°26'	-19°50'	-19°37'	+14°24'	-04°41'	-19°04'	+15°03'	+04°42'
Feb 1 1971	-17°17'	-22°25'	-20°15'	-20°44'	-19°49'	+14°28'	-04°40'	-19°05'	+15°09'	+04°47'
Feb 8 1971	-15°11'	-21°19'	-20°43'	-21°31'	-19°59'	+14°34'	-04°37'	-19°06'	+15°14'	+04°53'
Feb 15 1971	-12°54'	-19°09'	-20°47'	-22°11'	-20°07'	+14°42'	-04°33'	-19°07'	+15°20'	+04°59'
Feb 22 1971	-10°26'	-15°53'	-20°24'	-22°42'	-20°14'	+14°50'	-04°28'	-19°07'	+15°26'	+05°07'
Mar 1 1971	-07°50'	-11°31'	-19°35'	-23°06'	-20°19'	+15°00'	-04°23'	-19°07'	+15°31'	+05°14'
Mar 8 1971	-05°08'	-06°04'	-18°19'	-23°23'	-20°22'	+15°11'	-04°17'	-19°07'	+15°37'	+05°23'
Mar 15 1971	-02°23'	+00°12'	-16°38'	-23°32'	-20°24'	+15°23'	-04°11'	-19°06'	+15°42'	+05°31'
Mar 22 1971	+00°22'	+06°40'	-14°33'	-23°33'	-20°25'	+15°35'	-04°04'	-19°05'	+15°47'	+05°40'
Mar 29 1971	+03°07'	+12°04'	-12°08'	-23°28'	-20°23'	+15°48'	-03°57'	-19°04'	+15°52'	+05°50'
Apr 5 1971	+05°49'	+15°13'	-09°26'	-23°16'	-20°21'	+16°01'	-03°50'	-19°03'	+15°56'	+05°59'
Apr 12 1971	+08°26'	+15°31'	-06°30'	-22°58'	-20°17'	+16°15'	-03°43'	-19°01'	+15°59'	+06°08'
Apr 19 1971	+10°56'	+13°09'	-03°25'	-22°36'	-20°11'	+16°29'	-03°36'	-18°59'	+16°02'	+06°17'
Apr 26 1971	+13°17'	+09°43'	-00°13'	-22°09'	-20°05'	+16°43'	-03°30'	-18°57'	+16°04'	+06°26'
May 3 1971	+15°28'	+07°19'	+03°00'	-21°40'	-19°57'	+16°57'	-03°24'	-18°55'	+16°05'	+06°35'
May 10 1971	+17°26'	+06°56'	+06°12'	-21°09'	-19°48'	+17°10'	-03°19'	-18°53'	+16°05'	+06°43'
May 17 1971	+19°10'	+08°22'	+09°19'	-20°37'	-19°38'	+17°23'	-03°15'	-18°51'	+16°05'	+06°51'
May 24 1971	+20°38'	+11°09'	+12°17'	-20°06'	-19°28'	+17°36'	-03°11'	-18°48'	+16°04'	+06°59'
May 31 1971	+21°49'	+14°47'	+15°02'	-19°39'	-19°18'	+17°48'	-03°08'	-18°46'	+16°02'	+07°05'
Jun 7 1971	+22°41'	+18°46'	+17°29'	-19°15'	-19°09'	+18°00'	-03°07'	-18°44'	+15°59'	+07°11'
Jun 14 1971	+23°13'	+22°21'	+19°35'	-18°58'	-19°00'	+18°11'	-03°06'	-18°42'	+15°56'	+07°17'
Jun 21 1971	+23°26'	+24°29'	+21°16'	-18°49'	-18°52'	+18°22'	-03°06'	-18°40'	+15°52'	+07°21'
Jun 28 1971	+23°18'	+24°27'	+22°29'	-18°50'	-18°45'	+18°32'	-03°07'	-18°39'	+15°48'	+07°24'
Jul 5 1971	+22°51'	+22°25'	+23°11'	-19°02'	-18°40'	+18°40'	-03°10'	-18°37'	+15°43'	+07°27'
Jul 12 1971	+22°03'	+19°06'	+23°20'	-19°26'	-18°37'	+18°49'	-03°13'	-18°36'	+15°37'	+07°29'
Jul 19 1971	+20°58'	+15°11'	+22°55'	-20°00'	-18°36'	+18°56'	-03°17'	-18°35'	+15°31'	+07°29'
Jul 26 1971	+19°35'	+11°09'	+21°57'	-20°42'	-18°37'	+19°02'	-03°22'	-18°35'	+15°25'	+07°29'
Aug 2 1971	+17°56'	+07°30'	+20°28'	-21°27'	-18°40'	+19°08'	-03°29'	-18°34'	+15°18'	+07°27'
Aug 9 1971	+16°03'	+04°46'	+18°30'	-22°09'	-18°45'	+19°12'	-03°35'	-18°34'	+15°12'	+07°25'
Aug 16 1971	+13°57'	+03°43'	+16°06'	-22°42'	-18°52'	+19°16'	-03°43'	-18°35'	+15°05'	+07°22'
Aug 23 1971	+11°40'	+05°04'	+13°21'	-23°01'	-19°01'	+19°19'	-03°51'	-18°36'	+14°58'	+07°17'
Aug 30 1971	+09°14'	+08°20'	+10°17'	-23°05'	-19°11'	+19°21'	-04°00'	-18°37'	+14°51'	+07°12'
Sep 6 1971	+06°41'	+11°07'	+07°00'	-22°53'	-19°22'	+19°22'	-04°09'	-18°38'	+14°44'	+07°06'
Sep 13 1971	+04°03'	+11°21'	+03°33'	-22°26'	-19°35'	+19°22'	-04°19'	-18°40'	+14°38'	+07°00'
Sep 20 1971	+01°21'	+08°38'	+00°01'	-21°46'	-19°49'	+19°21'	-04°29'	-18°42'	+14°32'	+06°53'
Sep 27 1971	-01°22'	+03°59'	-03°32'	-20°56'	-20°03'	+19°19'	-04°39'	-18°44'	+14°26'	+06°45'
Oct 4 1971	-04°05'	-01°21'	-07°03'	-19°55'	-20°18'	+19°17'	-04°49'	-18°46'	+14°20'	+06°37'

Oct 11 1971	-06°45'	-06°41'	-10°26'	-18°46'	-20°33'	+19°14'	-05°00'	-18°49'	+14°15'	+06°29'
Oct 18 1971	-09°22'	-11°38'	-13°38'	-17°30'	-20°48'	+19°10'	-05°10'	-18°52'	+14°10'	+06°22'
Oct 25 1971	-11°52'	-16°03'	-16°33'	-16°06'	-21°03'	+19°05'	-05°20'	-18°55'	+14°06'	+06°14'
Nov 1 1971	-14°12'	-19°47'	-19°08'	-14°36'	-21°17'	+19°00'	-05°30'	-18°58'	+14°03'	+06°06'
Nov 8 1971	-16°22'	-22°44'	-21°18'	-13°01'	-21°31'	+18°54'	-05°39'	-19°01'	+14°00'	+05°59'
Nov 15 1971	-18°18'	-24°45'	-22°58'	-11°20'	-21°45'	+18°48'	-05°48'	-19°04'	+13°58'	+05°53'
Nov 22 1971	-19°59'	-25°40'	-24°06'	-09°35'	-21°57'	+18°42'	-05°56'	-19°07'	+13°57'	+05°47'
Nov 29 1971	-21°21'	-25°24'	-24°38'	-07°46'	-22°09'	+18°36'	-06°04'	-19°10'	+13°57'	+05°43'
Dec 6 1971	-22°24'	-23°53'	-24°33'	-05°54'	-22°19'	+18°30'	-06°11'	-19°13'	+13°57'	+05°39'
Dec 13 1971	-23°06'	-21°15'	-23°52'	-04°00'	-22°29'	+18°25'	-06°17'	-19°16'	+13°58'	+05°36'
Dec 20 1971	-23°25'	-19°23'	-22°35'	-02°04'	-22°37'	+18°20'	-06°22'	-19°19'	+14°00'	+05°34'
Dec 27 1971	-23°21'	-19°49'	-20°46'	-00°08'	-22°45'	+18°16'	-06°26'	-19°21'	+14°02'	+05°33'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 1972	-22°54'	-21°21'	-18°28'	+01°48'	-22°51'	+18°12'	-06°30'	-19°24'	+14°05'	+05°33'
Jan 10 1972	-22°05'	-22°46'	-15°45'	+03°44'	-22°56'	+18°10'	-06°32'	-19°26'	+14°09'	+05°35'
Jan 17 1972	-20°55'	-23°30'	-12°42'	+05°39'	-22°59'	+18°09'	-06°33'	-19°28'	+14°13'	+05°37'
Jan 24 1972	-19°25'	-23°18'	-09°23'	+07°32'	-23°02'	+18°09'	-06°33'	-19°29'	+14°18'	+05°40'
Jan 31 1972	-17°37'	-22°02'	-05°52'	+09°23'	-23°04'	+18°10'	-06°33'	-19°31'	+14°23'	+05°45'
Feb 7 1972	-15°35'	-19°38'	-02°15'	+11°09'	-23°04'	+18°13'	-06°31'	-19°32'	+14°29'	+05°50'
Feb 14 1972	-13°19'	-16°04'	+01°25'	+12°52'	-23°04'	+18°16'	-06°28'	-19°32'	+14°35'	+05°56'
Feb 21 1972	-10°52'	-11°19'	+05°04'	+14°30'	-23°04'	+18°21'	-06°24'	-19°33'	+14°41'	+06°03'
Feb 28 1972	-08°18'	-05°34'	+08°38'	+16°03'	-23°02'	+18°27'	-06°20'	-19°33'	+14°46'	+06°10'
Mar 6 1972	-05°37'	+00°37'	+12°02'	+17°29'	-23°01'	+18°33'	-06°14'	-19°33'	+14°52'	+06°18'
Mar 13 1972	-02°53'	+06°02'	+15°14'	+18°49'	-22°59'	+18°41'	-06°08'	-19°32'	+14°57'	+06°27'
Mar 20 1972	-00°07'	+09°03'	+18°09'	+20°02'	-22°57'	+18°49'	-06°02'	-19°31'	+15°03'	+06°35'
Mar 27 1972	+02°38'	+08°40'	+20°44'	+21°07'	-22°56'	+18°58'	-05°55'	-19°30'	+15°07'	+06°44'
Apr 3 1972	+05°20'	+05°32'	+22°57'	+22°04'	-22°54'	+19°07'	-05°48'	-19°29'	+15°11'	+06°54'
Apr 10 1972	+07°58'	+02°10'	+24°45'	+22°52'	-22°53'	+19°16'	-05°42'	-19°28'	+15°15'	+07°03'
Apr 17 1972	+10°30'	+00°30'	+26°06'	+23°31'	-22°53'	+19°26'	-05°35'	-19°26'	+15°18'	+07°12'
Apr 24 1972	+12°53'	+00°52'	+27°01'	+24°01'	-22°53'	+19°36'	-05°28'	-19°24'	+15°20'	+07°21'
May 1 1972	+15°06'	+02°54'	+27°30'	+24°22'	-22°53'	+19°45'	-05°22'	-19°22'	+15°22'	+07°30'
May 8 1972	+17°06'	+06°11'	+27°36'	+24°34'	-22°55'	+19°55'	-05°16'	-19°20'	+15°22'	+07°38'
May 15 1972	+18°53'	+10°21'	+27°20'	+24°36'	-22°57'	+20°04'	-05°11'	-19°18'	+15°22'	+07°46'
May 22 1972	+20°24'	+15°03'	+26°46'	+24°28'	-22°59'	+20°14'	-05°07'	-19°16'	+15°22'	+07°54'
May 29 1972	+21°37'	+19°41'	+25°54'	+24°12'	-23°02'	+20°22'	-05°04'	-19°14'	+15°20'	+08°01'
Jun 5 1972	+22°33'	+23°22'	+24°43'	+23°46'	-23°04'	+20°31'	-05°01'	-19°12'	+15°18'	+08°07'
Jun 12 1972	+23°09'	+25°06'	+23°13'	+23°12'	-23°07'	+20°38'	-05°00'	-19°10'	+15°15'	+08°13'
Jun 19 1972	+23°25'	+24°40'	+21°30'	+22°29'	-23°10'	+20°46'	-04°59'	-19°08'	+15°11'	+08°17'
Jun 26 1972	+23°21'	+22°36'	+19°52'	+21°39'	-23°12'	+20°52'	-05°00'	-19°07'	+15°07'	+08°21'
Jul 3 1972	+22°57'	+19°36'	+18°39'	+20°40'	-23°15'	+20°59'	-05°01'	-19°05'	+15°02'	+08°24'
Jul 10 1972	+22°13'	+16°17'	+18°00'	+19°35'	-23°16'	+21°04'	-05°03'	-19°04'	+14°57'	+08°26'
Jul 17 1972	+21°11'	+13°11'	+17°52'	+18°24'	-23°18'	+21°09'	-05°07'	-19°03'	+14°51'	+08°28'
Jul 24 1972	+19°51'	+10°56'	+18°06'	+17°06'	-23°19'	+21°14'	-05°11'	-19°03'	+14°45'	+08°28'
Jul 31 1972	+18°14'	+10°14'	+18°31'	+15°43'	-23°20'	+21°17'	-05°16'	-19°02'	+14°38'	+08°27'
Aug 7 1972	+16°24'	+11°26'	+18°58'	+14°15'	-23°21'	+21°21'	-05°22'	-19°02'	+14°31'	+08°25'
Aug 14 1972	+14°20'	+13°48'	+19°17'	+12°42'	-23°22'	+21°23'	-05°29'	-19°02'	+14°25'	+08°22'
Aug 21 1972	+12°05'	+15°45'	+19°24'	+11°05'	-23°22'	+21°25'	-05°37'	-19°03'	+14°18'	+08°19'

Aug 28 1972	+09°41'	+15°52'	+19°13'	+09°25'	-23°23'	+21°27'	-05°45'	-19°04'	+14°11'	+08°14'
Sep 4 1972	+07°09'	+13°33'	+18°41'	+07°42'	-23°24'	+21°28'	-05°53'	-19°05'	+14°04'	+08°09'
Sep 11 1972	+04°31'	+09°12'	+17°46'	+05°57'	-23°25'	+21°29'	-06°03'	-19°06'	+13°57'	+08°02'
Sep 18 1972	+01°50'	+03°52'	+16°27'	+04°10'	-23°26'	+21°29'	-06°12'	-19°08'	+13°51'	+07°56'
Sep 25 1972	-00°53'	-01°38'	+14°45'	+02°21'	-23°27'	+21°29'	-06°22'	-19°10'	+13°44'	+07°48'
Oct 2 1972	-03°36'	-06°56'	+12°41'	+00°32'	-23°28'	+21°29'	-06°32'	-19°12'	+13°39'	+07°41'
Oct 9 1972	-06°17'	-11°48'	+10°18'	-01°17'	-23°28'	+21°28'	-06°42'	-19°15'	+13°33'	+07°33'
Oct 16 1972	-08°55'	-16°06'	+07°38'	-03°06'	-23°28'	+21°27'	-06°52'	-19°17'	+13°28'	+07°25'
Oct 23 1972	-11°26'	-19°43'	+04°44'	-04°55'	-23°27'	+21°25'	-07°02'	-19°20'	+13°24'	+07°17'
Oct 30 1972	-13°48'	-22°30'	+01°41'	-06°43'	-23°26'	+21°23'	-07°12'	-19°23'	+13°20'	+07°10'
Nov 6 1972	-16°00'	-24°14'	-01°28'	-08°28'	-23°24'	+21°21'	-07°21'	-19°26'	+13°17'	+07°03'
Nov 13 1972	-17°59'	-24°38'	-04°40'	-10°11'	-23°20'	+21°19'	-07°30'	-19°29'	+13°15'	+06°56'
Nov 20 1972	-19°42'	-23°08'	-07°50'	-11°51'	-23°16'	+21°17'	-07°39'	-19°32'	+13°13'	+06°50'
Nov 27 1972	-21°08'	-19°29'	-10°53'	-13°27'	-23°11'	+21°14'	-07°47'	-19°34'	+13°12'	+06°45'
Dec 4 1972	-22°15'	-16°49'	-13°45'	-14°59'	-23°04'	+21°11'	-07°54'	-19°37'	+13°12'	+06°40'
Dec 11 1972	-23°00'	-17°21'	-16°21'	-16°25'	-22°56'	+21°09'	-08°01'	-19°40'	+13°13'	+06°37'
Dec 18 1972	-23°23'	-19°29'	-18°38'	-17°45'	-22°47'	+21°06'	-08°07'	-19°43'	+13°14'	+06°34'
Dec 25 1972	-23°23'	-21°43'	-20°29'	-18°59'	-22°36'	+21°04'	-08°12'	-19°45'	+13°17'	+06°33'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 1973	-23°00'	-23°23'	-21°53'	-20°06'	-22°25'	+21°02'	-08°16'	-19°47'	+13°19'	+06°33'
Jan 8 1973	-22°15'	-24°09'	-22°46'	-21°05'	-22°12'	+21°00'	-08°19'	-19°49'	+13°23'	+06°33'
Jan 15 1973	-21°08'	-23°54'	-23°04'	-21°55'	-21°58'	+20°59'	-08°21'	-19°51'	+13°27'	+06°35'
Jan 22 1973	-19°42'	-22°30'	-22°48'	-22°36'	-21°43'	+20°58'	-08°22'	-19°53'	+13°32'	+06°38'
Jan 29 1973	-17°58'	-19°54'	-21°58'	-23°08'	-21°27'	+20°58'	-08°22'	-19°54'	+13°37'	+06°42'
Feb 5 1973	-15°57'	-16°04'	-20°36'	-23°29'	-21°10'	+20°58'	-08°21'	-19°55'	+13°42'	+06°47'
Feb 12 1973	-13°44'	-11°05'	-18°44'	-23°41'	-20°53'	+20°59'	-08°19'	-19°56'	+13°48'	+06°52'
Feb 19 1973	-11°19'	-05°26'	-16°25'	-23°41'	-20°35'	+21°01'	-08°16'	-19°56'	+13°54'	+06°58'
Feb 26 1973	-08°46'	-00°20'	-13°43'	-23°31'	-20°17'	+21°04'	-08°13'	-19°57'	+13°59'	+07°05'
Mar 5 1973	-06°06'	+02°16'	-10°44'	-23°11'	-19°59'	+21°07'	-08°08'	-19°56'	+14°05'	+07°13'
Mar 12 1973	-03°22'	+01°11'	-07°30'	-22°40'	-19°41'	+21°11'	-08°03'	-19°56'	+14°11'	+07°21'
Mar 19 1973	-00°36'	-02°13'	-04°06'	-21°59'	-19°23'	+21°15'	-07°57'	-19°56'	+14°16'	+07°30'
Mar 26 1973	+02°08'	-05°03'	-00°37'	-21°09'	-19°06'	+21°19'	-07°51'	-19°55'	+14°21'	+07°38'
Apr 2 1973	+04°52'	-05°58'	+02°53'	-20°09'	-18°50'	+21°24'	-07°44'	-19°54'	+14°25'	+07°47'
Apr 9 1973	+07°31'	-05°02'	+06°21'	-19°01'	-18°35'	+21°29'	-07°38'	-19°53'	+14°29'	+07°56'
Apr 16 1973	+10°04'	-02°39'	+09°42'	-17°45'	-18°21'	+21°34'	-07°31'	-19°51'	+14°32'	+08°05'
Apr 23 1973	+12°28'	+00°54'	+12°52'	-16°23'	-18°09'	+21°40'	-07°24'	-19°49'	+14°35'	+08°14'
Apr 30 1973	+14°43'	+05°22'	+15°47'	-14°54'	-17°58'	+21°45'	-07°18'	-19°48'	+14°37'	+08°23'
May 7 1973	+16°46'	+10°30'	+18°22'	-13°20'	-17°50'	+21°50'	-07°12'	-19°46'	+14°38'	+08°32'
May 14 1973	+18°35'	+15°54'	+20°34'	-11°43'	-17°44'	+21°55'	-07°07'	-19°44'	+14°38'	+08°40'
May 21 1973	+20°09'	+20°49'	+22°19'	-10°01'	-17°41'	+21°59'	-07°02'	-19°42'	+14°38'	+08°48'
May 28 1973	+21°26'	+24°14'	+23°32'	-08°18'	-17°40'	+22°03'	-06°58'	-19°40'	+14°37'	+08°55'
Jun 4 1973	+22°24'	+25°30'	+24°13'	-06°34'	-17°42'	+22°07'	-06°55'	-19°38'	+14°35'	+09°01'
Jun 11 1973	+23°04'	+24°53'	+24°18'	-04°49'	-17°46'	+22°11'	-06°52'	-19°36'	+14°32'	+09°07'
Jun 18 1973	+23°24'	+23°03'	+23°49'	-03°05'	-17°53'	+22°14'	-06°51'	-19°35'	+14°28'	+09°12'
Jun 25 1973	+23°23'	+20°36'	+22°45'	-01°23'	-18°02'	+22°16'	-06°50'	-19°33'	+14°24'	+09°17'
Jul 2 1973	+23°03'	+18°09'	+21°09'	+00°15'	-18°14'	+22°18'	-06°51'	-19°32'	+14°20'	+09°20'
Jul 9 1973	+22°22'	+16°18'	+19°05'	+01°50'	-18°26'	+22°20'	-06°52'	-19°31'	+14°14'	+09°23'

Jul 16 1973	+21°23'	+15°36'	+16°35'	+03°21'	-18°41'	+22°21'	-06°55'	-19°30'	+14°09'	+09°25'
Jul 23 1973	+20°06'	+16°13'	+13°44'	+04°46'	-18°55'	+22°22'	-06°58'	-19°29'	+14°03'	+09°25'
Jul 30 1973	+18°33'	+17°40'	+10°35'	+06°04'	-19°10'	+22°22'	-07°02'	-19°28'	+13°56'	+09°25'
Aug 6 1973	+16°44'	+19°03'	+07°14'	+07°15'	-19°25'	+22°22'	-07°08'	-19°28'	+13°50'	+09°24'
Aug 13 1973	+14°43'	+19°23'	+03°43'	+08°19'	-19°38'	+22°22'	-07°14'	-19°28'	+13°43'	+09°21'
Aug 20 1973	+12°30'	+17°45'	+00°08'	+09°14'	-19°51'	+22°22'	-07°20'	-19°29'	+13°36'	+09°18'
Aug 27 1973	+10°07'	+14°03'	-03°28'	+10°00'	-20°01'	+22°21'	-07°28'	-19°29'	+13°29'	+09°14'
Sep 3 1973	+07°36'	+09°03'	-07°02'	+10°37'	-20°10'	+22°20'	-07°36'	-19°30'	+13°22'	+09°09'
Sep 10 1973	+04°59'	+03°34'	-10°30'	+11°03'	-20°17'	+22°19'	-07°44'	-19°32'	+13°15'	+09°04'
Sep 17 1973	+02°19'	-01°52'	-13°47'	+11°20'	-20°22'	+22°18'	-07°53'	-19°33'	+13°08'	+08°57'
Sep 24 1973	-00°24'	-07°02'	-16°50'	+11°27'	-20°24'	+22°17'	-08°03'	-19°35'	+13°02'	+08°50'
Oct 1 1973	-03°07'	-11°43'	-19°35'	+11°23'	-20°24'	+22°17'	-08°12'	-19°37'	+12°56'	+08°43'
Oct 8 1973	-05°49'	-15°48'	-21°58'	+11°11'	-20°22'	+22°16'	-08°22'	-19°39'	+12°50'	+08°35'
Oct 15 1973	-08°27'	-19°08'	-23°55'	+10°51'	-20°17'	+22°16'	-08°32'	-19°41'	+12°45'	+08°28'
Oct 22 1973	-10°59'	-21°25'	-25°23'	+10°27'	-20°11'	+22°16'	-08°42'	-19°44'	+12°40'	+08°20'
Oct 29 1973	-13°24'	-22°10'	-26°20'	+10°04'	-20°02'	+22°16'	-08°51'	-19°46'	+12°36'	+08°12'
Nov 5 1973	-15°38'	-20°24'	-26°46'	+09°46'	-19°51'	+22°16'	-09°01'	-19°49'	+12°33'	+08°05'
Nov 12 1973	-17°39'	-15°56'	-26°41'	+09°36'	-19°38'	+22°17'	-09°10'	-19°52'	+12°30'	+07°58'
Nov 19 1973	-19°25'	-12°53'	-26°05'	+09°37'	-19°24'	+22°17'	-09°19'	-19°55'	+12°28'	+07°52'
Nov 26 1973	-20°54'	-13°42'	-25°03'	+09°50'	-19°07'	+22°18'	-09°27'	-19°57'	+12°27'	+07°46'
Dec 3 1973	-22°04'	-16°28'	-23°38'	+10°14'	-18°48'	+22°19'	-09°35'	-20°00'	+12°26'	+07°41'
Dec 10 1973	-22°54'	-19°31'	-21°57'	+10°48'	-18°27'	+22°20'	-09°42'	-20°02'	+12°27'	+07°37'
Dec 17 1973	-23°21'	-22°05'	-20°05'	+11°32'	-18°05'	+22°21'	-09°48'	-20°05'	+12°28'	+07°34'
Dec 24 1973	-23°25'	-23°52'	-18°10'	+12°22'	-17°41'	+22°22'	-09°53'	-20°07'	+12°30'	+07°32'
Dec 31 1973	-23°06'	-24°40'	-16°21'	+13°18'	-17°15'	+22°23'	-09°58'	-20°09'	+12°32'	+07°31'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 1974	-22°25'	-24°22'	-14°48'	+14°19'	-16°48'	+22°24'	-10°02'	-20°11'	+12°35'	+07°32'
Jan 14 1974	-21°22'	-22°51'	-13°38'	+15°21'	-16°20'	+22°25'	-10°05'	-20°13'	+12°39'	+07°33'
Jan 21 1974	-19°59'	-20°04'	-12°59'	+16°25'	-15°50'	+22°26'	-10°07'	-20°14'	+12°44'	+07°35'
Jan 28 1974	-18°17'	-16°04'	-12°51'	+17°29'	-15°19'	+22°27'	-10°07'	-20°16'	+12°48'	+07°38'
Feb 4 1974	-16°20'	-11°14'	-13°07'	+18°32'	-14°47'	+22°28'	-10°07'	-20°17'	+12°54'	+07°42'
Feb 11 1974	-14°08'	-06°42'	-13°36'	+19°33'	-14°14'	+22°29'	-10°06'	-20°18'	+12°59'	+07°47'
Feb 18 1974	-11°46'	-04°33'	-14°08'	+20°31'	-13°41'	+22°31'	-10°04'	-20°18'	+13°05'	+07°53'
Feb 25 1974	-09°13'	-06°02'	-14°33'	+21°25'	-13°07'	+22°32'	-10°01'	-20°18'	+13°11'	+08°00'
Mar 4 1974	-06°35'	-09°11'	-14°43'	+22°15'	-12°33'	+22°33'	-09°58'	-20°19'	+13°17'	+08°07'
Mar 11 1974	-03°51'	-11°17'	-14°34'	+22°58'	-11°59'	+22°35'	-09°53'	-20°18'	+13°22'	+08°15'
Mar 18 1974	-01°06'	-11°39'	-14°03'	+23°36'	-11°25'	+22°36'	-09°48'	-20°18'	+13°28'	+08°23'
Mar 25 1974	+01°39'	-10°27'	-13°08'	+24°07'	-10°52'	+22°38'	-09°42'	-20°17'	+13°33'	+08°31'
Apr 1 1974	+04°23'	-07°59'	-11°50'	+24°31'	-10°19'	+22°39'	-09°36'	-20°16'	+13°37'	+08°40'
Apr 8 1974	+07°03'	-04°24'	-10°10'	+24°48'	-09°47'	+22°41'	-09°30'	-20°15'	+13°42'	+08°49'
Apr 15 1974	+09°37'	+00°07'	-08°10'	+24°57'	-09°16'	+22°42'	-09°24'	-20°14'	+13°45'	+08°58'
Apr 22 1974	+12°03'	+05°25'	-05°53'	+24°57'	-08°46'	+22°43'	-09°17'	-20°13'	+13°48'	+09°07'
Apr 29 1974	+14°20'	+11°16'	-03°21'	+24°50'	-08°18'	+22°44'	-09°11'	-20°11'	+13°50'	+09°16'
May 6 1974	+16°25'	+17°04'	-00°39'	+24°35'	-07°52'	+22°44'	-09°05'	-20°10'	+13°52'	+09°24'
May 13 1974	+18°17'	+21°52'	+02°08'	+24°11'	-07°28'	+22°45'	-08°59'	-20°08'	+13°52'	+09°33'
May 20 1974	+19°53'	+24°45'	+05°00'	+23°39'	-07°06'	+22°45'	-08°54'	-20°06'	+13°52'	+09°40'
May 27 1974	+21°13'	+25°39'	+07°52'	+23°00'	-06°46'	+22°44'	-08°49'	-20°04'	+13°51'	+09°48'

Jun 3 1974	+22°15'	+25°02'	+10°39'	+22°13'	-06°29'	+22°43'	-08°45'	-20°03'	+13°49'	+09°55'
Jun 10 1974	+22°58'	+23°30'	+13°18'	+21°18'	-06°16'	+22°42'	-08°42'	-20°01'	+13°47'	+10°01'
Jun 17 1974	+23°22'	+21°36'	+15°45'	+20°17'	-06°05'	+22°40'	-08°40'	-19°59'	+13°44'	+10°06'
Jun 24 1974	+23°25'	+19°50'	+17°55'	+19°09'	-05°59'	+22°38'	-08°39'	-19°58'	+13°40'	+10°11'
Jul 1 1974	+23°08'	+18°42'	+19°45'	+17°55'	-05°55'	+22°35'	-08°39'	-19°56'	+13°36'	+10°15'
Jul 8 1974	+22°31'	+18°35'	+21°11'	+16°36'	-05°56'	+22°32'	-08°39'	-19°55'	+13°31'	+10°18'
Jul 15 1974	+21°35'	+19°27'	+22°11'	+15°11'	-06°00'	+22°29'	-08°41'	-19°54'	+13°25'	+10°20'
Jul 22 1974	+20°21'	+20°45'	+22°41'	+13°41'	-06°07'	+22°25'	-08°43'	-19°53'	+13°19'	+10°21'
Jul 29 1974	+18°50'	+21°36'	+22°39'	+12°07'	-06°19'	+22°21'	-08°47'	-19°53'	+13°13'	+10°22'
Aug 5 1974	+17°04'	+20°58'	+22°06'	+10°30'	-06°33'	+22°16'	-08°51'	-19°53'	+13°06'	+10°21'
Aug 12 1974	+15°05'	+18°16'	+21°02'	+08°49'	-06°50'	+22°12'	-08°56'	-19°53'	+12°59'	+10°19'
Aug 19 1974	+12°54'	+13°55'	+19°28'	+07°04'	-07°10'	+22°08'	-09°02'	-19°53'	+12°52'	+10°17'
Aug 26 1974	+10°33'	+08°43'	+17°26'	+05°18'	-07°31'	+22°03'	-09°09'	-19°53'	+12°45'	+10°13'
Sep 2 1974	+08°03'	+03°20'	+15°01'	+03°30'	-07°52'	+21°59'	-09°16'	-19°54'	+12°38'	+10°09'
Sep 9 1974	+05°28'	-01°54'	+12°14'	+01°40'	-08°14'	+21°54'	-09°24'	-19°55'	+12°31'	+10°03'
Sep 16 1974	+02°47'	-06°49'	+09°11'	-00°10'	-08°35'	+21°50'	-09°32'	-19°57'	+12°24'	+09°58'
Sep 23 1974	+00°04'	-11°11'	+05°55'	-02°01'	-08°54'	+21°47'	-09°41'	-19°58'	+12°18'	+09°51'
Sep 30 1974	-02°38'	-14°49'	+02°30'	-03°52'	-09°12'	+21°44'	-09°50'	-20°00'	+12°11'	+09°44'
Oct 7 1974	-05°20'	-17°23'	-00°58'	-05°42'	-09°26'	+21°41'	-09°59'	-20°02'	+12°06'	+09°37'
Oct 14 1974	-07°59'	-18°09'	-04°28'	-07°31'	-09°37'	+21°39'	-10°08'	-20°04'	+12°00'	+09°29'
Oct 21 1974	-10°33'	-15°58'	-07°53'	-09°18'	-09°45'	+21°38'	-10°18'	-20°06'	+11°55'	+09°21'
Oct 28 1974	-12°59'	-11°00'	-11°11'	-11°02'	-09°49'	+21°38'	-10°27'	-20°09'	+11°51'	+09°14'
Nov 4 1974	-15°15'	-07°58'	-14°15'	-12°43'	-09°49'	+21°38'	-10°37'	-20°11'	+11°47'	+09°06'
Nov 11 1974	-17°18'	-09°09'	-17°02'	-14°20'	-09°46'	+21°39'	-10°46'	-20°13'	+11°44'	+08°59'
Nov 18 1974	-19°07'	-12°31'	-19°27'	-15°52'	-09°38'	+21°41'	-10°55'	-20°16'	+11°42'	+08°53'
Nov 25 1974	-20°40'	-16°18'	-21°26'	-17°18'	-09°27'	+21°44'	-11°03'	-20°18'	+11°40'	+08°47'
Dec 2 1974	-21°53'	-19°44'	-22°54'	-18°38'	-09°13'	+21°47'	-11°11'	-20°21'	+11°39'	+08°41'
Dec 9 1974	-22°46'	-22°28'	-23°49'	-19°51'	-08°55'	+21°51'	-11°18'	-20°23'	+11°39'	+08°37'
Dec 16 1974	-23°17'	-24°18'	-24°08'	-20°56'	-08°35'	+21°55'	-11°25'	-20°25'	+11°40'	+08°33'
Dec 23 1974	-23°26'	-25°05'	-23°50'	-21°51'	-08°11'	+22°00'	-11°31'	-20°28'	+11°41'	+08°31'
Dec 30 1974	-23°11'	-24°44'	-22°57'	-22°37'	-07°45'	+22°04'	-11°36'	-20°30'	+11°44'	+08°30'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 1975	-22°34'	-23°07'	-21°29'	-23°13'	-07°16'	+22°09'	-11°40'	-20°31'	+11°46'	+08°29'
Jan 13 1975	-21°35'	-20°16'	-19°30'	-23°38'	-06°45'	+22°14'	-11°44'	-20°33'	+11°50'	+08°30'
Jan 20 1975	-20°15'	-16°26'	-17°04'	-23°51'	-06°13'	+22°18'	-11°46'	-20°35'	+11°54'	+08°31'
Jan 27 1975	-18°37'	-12°38'	-14°14'	-23°52'	-05°38'	+22°22'	-11°48'	-20°36'	+11°59'	+08°34'
Feb 3 1975	-16°42'	-10°53'	-11°06'	-23°42'	-05°02'	+22°26'	-11°49'	-20°37'	+12°04'	+08°38'
Feb 10 1975	-14°33'	-12°17'	-07°44'	-23°20'	-04°25'	+22°29'	-11°48'	-20°38'	+12°09'	+08°42'
Feb 17 1975	-12°12'	-14°42'	-04°11'	-22°45'	-03°47'	+22°32'	-11°47'	-20°38'	+12°15'	+08°47'
Feb 24 1975	-09°41'	-16°10'	-00°34'	-21°59'	-03°07'	+22°35'	-11°45'	-20°39'	+12°21'	+08°54'
Mar 3 1975	-07°03'	-16°16'	+03°04'	-21°02'	-02°28'	+22°37'	-11°42'	-20°39'	+12°26'	+09°00'
Mar 10 1975	-04°21'	-15°08'	+06°40'	-19°54'	-01°48'	+22°38'	-11°39'	-20°39'	+12°32'	+09°08'
Mar 17 1975	-01°35'	-12°50'	+10°09'	-18°37'	-01°07'	+22°39'	-11°34'	-20°38'	+12°38'	+09°16'
Mar 24 1975	+01°10'	-09°28'	+13°27'	-17°10'	-00°27'	+22°40'	-11°29'	-20°38'	+12°43'	+09°24'
Mar 31 1975	+03°54'	-05°08'	+16°29'	-15°35'	+00°12'	+22°40'	-11°24'	-20°37'	+12°48'	+09°32'
Apr 7 1975	+06°35'	+00°06'	+19°11'	-13°53'	+00°52'	+22°39'	-11°18'	-20°36'	+12°52'	+09°41'
Apr 14 1975	+09°10'	+06°04'	+21°30'	-12°05'	+01°32'	+22°38'	-11°12'	-20°35'	+12°56'	+09°50'



Apr 21 1975	+11°38'	+12°23'	+23°22'	-10°11'	+02°10'	+22°36'	-11°06'	-20°34'	+12°59'	+09°59'
Apr 28 1975	+13°57'	+18°11'	+24°44'	-08°14'	+02°47'	+22°34'	-11°00'	-20°33'	+13°02'	+10°07'
May 5 1975	+16°04'	+22°25'	+25°33'	-06°13'	+03°24'	+22°31'	-10°53'	-20°31'	+13°03'	+10°16'
May 12 1975	+17°58'	+24°40'	+25°50'	-04°10'	+03°59'	+22°28'	-10°48'	-20°30'	+13°04'	+10°24'
May 19 1975	+19°37'	+25°09'	+25°34'	-02°06'	+04°32'	+22°24'	-10°42'	-20°28'	+13°04'	+10°32'
May 26 1975	+21°00'	+24°18'	+24°46'	-00°02'	+05°04'	+22°19'	-10°37'	-20°26'	+13°04'	+10°40'
Jun 2 1975	+22°06'	+22°32'	+23°30'	+01°59'	+05°34'	+22°14'	-10°33'	-20°25'	+13°02'	+10°47'
Jun 9 1975	+22°52'	+20°22'	+21°49'	+04°00'	+06°02'	+22°09'	-10°29'	-20°23'	+13°00'	+10°53'
Jun 16 1975	+23°19'	+18°40'	+19°47'	+05°58'	+06°28'	+22°02'	-10°27'	-20°22'	+12°57'	+10°59'
Jun 23 1975	+23°26'	+18°11'	+17°28'	+07°52'	+06°51'	+21°56'	-10°25'	-20°20'	+12°54'	+11°04'
Jun 30 1975	+23°12'	+19°01'	+14°58'	+09°41'	+07°12'	+21°48'	-10°24'	-20°19'	+12°50'	+11°08'
Jul 7 1975	+22°39'	+20°41'	+12°21'	+11°24'	+07°30'	+21°41'	-10°23'	-20°18'	+12°45'	+11°12'
Jul 14 1975	+21°46'	+22°20'	+09°44'	+13°02'	+07°45'	+21°33'	-10°24'	-20°17'	+12°40'	+11°14'
Jul 21 1975	+20°35'	+22°56'	+07°13'	+14°33'	+07°57'	+21°24'	-10°26'	-20°16'	+12°34'	+11°16'
Jul 28 1975	+19°08'	+21°33'	+04°57'	+15°56'	+08°05'	+21°16'	-10°28'	-20°16'	+12°28'	+11°17'
Aug 4 1975	+17°24'	+18°13'	+03°05'	+17°12'	+08°11'	+21°07'	-10°32'	-20°15'	+12°21'	+11°16'
Aug 11 1975	+15°27'	+13°38'	+01°51'	+18°20'	+08°13'	+20°58'	-10°36'	-20°15'	+12°14'	+11°15'
Aug 18 1975	+13°18'	+08°32'	+01°26'	+19°20'	+08°11'	+20°49'	-10°41'	-20°15'	+12°07'	+11°13'
Aug 25 1975	+10°58'	+03°23'	+01°57'	+20°12'	+08°06'	+20°40'	-10°47'	-20°16'	+12°00'	+11°10'
Sep 1 1975	+08°30'	-01°32'	+03°12'	+20°57'	+07°57'	+20°31'	-10°53'	-20°16'	+11°53'	+11°06'
Sep 8 1975	+05°56'	-06°01'	+04°47'	+21°35'	+07°45'	+20°22'	-11°00'	-20°17'	+11°46'	+11°02'
Sep 15 1975	+03°16'	-09°45'	+06°15'	+22°06'	+07°31'	+20°14'	-11°08'	-20°18'	+11°39'	+10°56'
Sep 22 1975	+00°33'	-12°18'	+07°20'	+22°31'	+07°13'	+20°07'	-11°16'	-20°20'	+11°32'	+10°50'
Sep 29 1975	-02°09'	-12°50'	+07°53'	+22°52'	+06°54'	+20°00'	-11°24'	-20°21'	+11°26'	+10°44'
Oct 6 1975	-04°52'	-10°10'	+07°51'	+23°10'	+06°34'	+19°54'	-11°33'	-20°23'	+11°20'	+10°37'
Oct 13 1975	-07°32'	-05°10'	+07°17'	+23°26'	+06°13'	+19°48'	-11°42'	-20°25'	+11°14'	+10°29'
Oct 20 1975	-10°06'	-02°30'	+06°14'	+23°41'	+05°52'	+19°44'	-11°51'	-20°27'	+11°09'	+10°22'
Oct 27 1975	-12°33'	-04°01'	+04°43'	+23°57'	+05°32'	+19°41'	-12°00'	-20°29'	+11°04'	+10°14'
Nov 3 1975	-14°51'	-07°51'	+02°50'	+24°14'	+05°14'	+19°39'	-12°09'	-20°31'	+11°00'	+10°07'
Nov 10 1975	-16°57'	-12°17'	+00°38'	+24°34'	+04°58'	+19°38'	-12°18'	-20°33'	+10°57'	+09°59'
Nov 17 1975	-18°49'	-16°27'	-01°47'	+24°55'	+04°45'	+19°39'	-12°26'	-20°36'	+10°54'	+09°53'
Nov 24 1975	-20°25'	-20°02'	-04°23'	+25°17'	+04°36'	+19°41'	-12°35'	-20°38'	+10°52'	+09°46'
Dec 1 1975	-21°42'	-22°49'	-07°03'	+25°38'	+04°31'	+19°44'	-12°43'	-20°40'	+10°51'	+09°41'
Dec 8 1975	-22°39'	-24°40'	-09°45'	+25°53'	+04°30'	+19°48'	-12°50'	-20°42'	+10°50'	+09°36'
Dec 15 1975	-23°14'	-25°27'	-12°21'	+26°02'	+04°32'	+19°54'	-12°57'	-20°44'	+10°51'	+09°32'
Dec 22 1975	-23°26'	-25°03'	-14°49'	+26°04'	+04°39'	+20°00'	-13°03'	-20°46'	+10°52'	+09°29'
Dec 29 1975	-23°15'	-23°25'	-17°03'	+26°00'	+04°49'	+20°07'	-13°09'	-20°48'	+10°54'	+09°27'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 1976	-22°42'	-20°43'	-18°58'	+25°53'	+05°03'	+20°15'	-13°14'	-20°50'	+10°56'	+09°26'
Jan 12 1976	-21°47'	-17°45'	-20°30'	+25°45'	+05°20'	+20°23'	-13°18'	-20°51'	+10°59'	+09°26'
Jan 19 1976	-20°30'	-16°13'	-21°36'	+25°40'	+05°41'	+20°31'	-13°21'	-20°53'	+11°03'	+09°27'
Jan 26 1976	-18°55'	-16°57'	-22°12'	+25°37'	+06°04'	+20°38'	-13°23'	-20°54'	+11°08'	+09°29'
Feb 2 1976	-17°03'	-18°27'	-22°17'	+25°37'	+06°29'	+20°46'	-13°25'	-20°55'	+11°12'	+09°32'
Feb 9 1976	-14°56'	-19°30'	-21°49'	+25°39'	+06°57'	+20°53'	-13°25'	-20°56'	+11°18'	+09°36'
Feb 16 1976	-12°37'	-19°41'	-20°50'	+25°42'	+07°26'	+21°00'	-13°25'	-20°56'	+11°23'	+09°41'
Feb 23 1976	-10°08'	-18°52'	-19°21'	+25°46'	+07°57'	+21°05'	-13°23'	-20°57'	+11°29'	+09°47'
Mar 1 1976	-07°32'	-17°00'	-17°24'	+25°49'	+08°29'	+21°10'	-13°21'	-20°57'	+11°35'	+09°53'

Mar 8 1976	-04°50'	-14°05'	-15°03'	+25°50'	+09°02'	+21°14'	-13°19'	-20°57'	+11°40'	+10°00'
Mar 15 1976	-02°05'	-10°09'	-12°22'	+25°48'	+09°36'	+21°17'	-13°15'	-20°57'	+11°46'	+10°07'
Mar 22 1976	+00°40'	-05°13'	-09°24'	+25°42'	+10°11'	+21°18'	-13°11'	-20°56'	+11°51'	+10°15'
Mar 29 1976	+03°25'	+00°36'	-06°13'	+25°32'	+10°45'	+21°19'	-13°06'	-20°56'	+11°56'	+10°23'
Apr 5 1976	+06°07'	+07°03'	-02°54'	+25°17'	+11°20'	+21°19'	-13°01'	-20°55'	+12°01'	+10°32'
Apr 12 1976	+08°43'	+13°26'	+00°29'	+24°56'	+11°54'	+21°17'	-12°55'	-20°54'	+12°05'	+10°41'
Apr 19 1976	+11°12'	+18°39'	+03°53'	+24°29'	+12°28'	+21°15'	-12°49'	-20°53'	+12°08'	+10°49'
Apr 26 1976	+13°33'	+21°55'	+07°13'	+23°56'	+13°01'	+21°12'	-12°44'	-20°52'	+12°11'	+10°58'
May 3 1976	+15°42'	+23°07'	+10°26'	+23°16'	+13°34'	+21°07'	-12°38'	-20°51'	+12°13'	+11°06'
May 10 1976	+17°39'	+22°26'	+13°28'	+22°31'	+14°06'	+21°02'	-12°32'	-20°49'	+12°15'	+11°15'
May 17 1976	+19°21'	+20°14'	+16°13'	+21°39'	+14°36'	+20°56'	-12°26'	-20°48'	+12°15'	+11°23'
May 24 1976	+20°47'	+17°28'	+18°39'	+20°40'	+15°06'	+20°49'	-12°21'	-20°47'	+12°15'	+11°30'
May 31 1976	+21°55'	+15°33'	+20°41'	+19°36'	+15°34'	+20°41'	-12°17'	-20°45'	+12°14'	+11°37'
Jun 7 1976	+22°45'	+15°19'	+22°15'	+18°26'	+16°01'	+20°32'	-12°13'	-20°44'	+12°12'	+11°44'
Jun 14 1976	+23°16'	+16°39'	+23°18'	+17°10'	+16°26'	+20°23'	-12°09'	-20°42'	+12°09'	+11°50'
Jun 21 1976	+23°26'	+18°58'	+23°48'	+15°50'	+16°50'	+20°13'	-12°07'	-20°41'	+12°06'	+11°55'
Jun 28 1976	+23°16'	+21°33'	+23°44'	+14°24'	+17°13'	+20°02'	-12°05'	-20°40'	+12°02'	+12°00'
Jul 5 1976	+22°46'	+23°27'	+23°05'	+12°54'	+17°33'	+19°50'	-12°04'	-20°39'	+11°58'	+12°04'
Jul 12 1976	+21°57'	+23°38'	+21°53'	+11°20'	+17°52'	+19°39'	-12°04'	-20°38'	+11°52'	+12°07'
Jul 19 1976	+20°49'	+21°40'	+20°10'	+09°42'	+18°09'	+19°26'	-12°05'	-20°37'	+11°47'	+12°09'
Jul 26 1976	+19°24'	+18°02'	+17°59'	+08°01'	+18°24'	+19°13'	-12°06'	-20°37'	+11°41'	+12°10'
Aug 2 1976	+17°44'	+13°31'	+15°24'	+06°17'	+18°38'	+19°00'	-12°09'	-20°36'	+11°34'	+12°10'
Aug 9 1976	+15°49'	+08°41'	+12°28'	+04°30'	+18°49'	+18°47'	-12°12'	-20°36'	+11°28'	+12°10'
Aug 16 1976	+13°42'	+03°55'	+09°16'	+02°42'	+18°59'	+18°34'	-12°16'	-20°36'	+11°21'	+12°08'
Aug 23 1976	+11°24'	-00°27'	+05°52'	+00°52'	+19°07'	+18°21'	-12°21'	-20°36'	+11°14'	+12°06'
Aug 30 1976	+08°57'	-04°05'	+02°20'	-00°58'	+19°13'	+18°08'	-12°27'	-20°37'	+11°06'	+12°03'
Sep 6 1976	+06°24'	-06°25'	-01°15'	-02°49'	+19°17'	+17°55'	-12°33'	-20°38'	+10°59'	+11°59'
Sep 13 1976	+03°45'	-06°32'	-04°50'	-04°40'	+19°19'	+17°42'	-12°40'	-20°39'	+10°52'	+11°54'
Sep 20 1976	+01°03'	-03°32'	-08°21'	-06°31'	+19°19'	+17°30'	-12°47'	-20°40'	+10°45'	+11°48'
Sep 27 1976	-01°40'	+01°03'	-11°44'	-08°20'	+19°17'	+17°19'	-12°55'	-20°41'	+10°39'	+11°42'
Oct 4 1976	-04°23'	+03°09'	-14°54'	-10°07'	+19°13'	+17°09'	-13°03'	-20°43'	+10°32'	+11°35'
Oct 11 1976	-07°03'	+01°23'	-17°46'	-11°51'	+19°07'	+16°59'	-13°11'	-20°44'	+10°27'	+11°28'
Oct 18 1976	-09°39'	-02°45'	-20°17'	-13°32'	+19°00'	+16°51'	-13°20'	-20°46'	+10°21'	+11°21'
Oct 25 1976	-12°08'	-07°38'	-22°21'	-15°08'	+18°51'	+16°44'	-13°28'	-20°48'	+10°16'	+11°13'
Nov 1 1976	-14°28'	-12°25'	-23°56'	-16°39'	+18°40'	+16°38'	-13°37'	-20°50'	+10°12'	+11°06'
Nov 8 1976	-16°36'	-16°43'	-24°58'	-18°05'	+18°29'	+16°34'	-13°46'	-20°52'	+10°08'	+10°58'
Nov 15 1976	-18°30'	-20°20'	-25°25'	-19°23'	+18°16'	+16°31'	-13°54'	-20°54'	+10°05'	+10°52'
Nov 22 1976	-20°09'	-23°07'	-25°15'	-20°33'	+18°04'	+16°30'	-14°02'	-20°56'	+10°03'	+10°45'
Nov 29 1976	-21°29'	-24°57'	-24°30'	-21°35'	+17°51'	+16°31'	-14°10'	-20°58'	+10°01'	+10°39'
Dec 6 1976	-22°30'	-25°43'	-23°11'	-22°27'	+17°40'	+16°34'	-14°17'	-21°00'	+10°00'	+10°34'
Dec 13 1976	-23°09'	-25°19'	-21°20'	-23°09'	+17°30'	+16°38'	-14°24'	-21°02'	+10°00'	+10°30'
Dec 20 1976	-23°25'	-23°48'	-19°03'	-23°39'	+17°21'	+16°43'	-14°31'	-21°04'	+10°01'	+10°26'
Dec 27 1976	-23°19'	-21°40'	-16°22'	-23°58'	+17°15'	+16°50'	-14°36'	-21°05'	+10°02'	+10°24'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 1977	-22°50'	-20°03'	-13°23'	-24°04'	+17°11'	+16°58'	-14°42'	-21°07'	+10°05'	+10°22'
Jan 10 1977	-21°58'	-19°40'	-10°10'	-23°58'	+17°09'	+17°07'	-14°46'	-21°08'	+10°07'	+10°21'
Jan 17 1977	-20°45'	-20°18'	-06°48'	-23°38'	+17°10'	+17°17'	-14°50'	-21°09'	+10°11'	+10°22'

Jan 24 1977	-19°13'	-21°15'	-03°21'	-23°06'	+17°14'	+17°28'	-14°53'	-21°11'	+10°15'	+10°24'
Jan 31 1977	-17°24'	-21°47'	+00°05'	-22°22'	+17°21'	+17°38'	-14°55'	-21°11'	+10°20'	+10°26'
Feb 7 1977	-15°20'	-21°32'	+03°28'	-21°26'	+17°29'	+17°49'	-14°56'	-21°12'	+10°25'	+10°29'
Feb 14 1977	-13°03'	-20°19'	+06°41'	-20°18'	+17°40'	+17°59'	-14°56'	-21°13'	+10°30'	+10°34'
Feb 21 1977	-10°36'	-18°03'	+09°39'	-18°59'	+17°53'	+18°08'	-14°56'	-21°13'	+10°36'	+10°39'
Feb 28 1977	-08°00'	-14°43'	+12°17'	-17°30'	+18°07'	+18°17'	-14°54'	-21°13'	+10°41'	+10°45'
Mar 7 1977	-05°19'	-10°18'	+14°25'	-15°53'	+18°23'	+18°24'	-14°52'	-21°13'	+10°47'	+10°51'
Mar 14 1977	-02°34'	-04°52'	+15°53'	-14°07'	+18°40'	+18°31'	-14°50'	-21°13'	+10°53'	+10°58'
Mar 21 1977	+00°11'	+01°23'	+16°26'	-12°15'	+18°58'	+18°36'	-14°46'	-21°13'	+10°58'	+11°06'
Mar 28 1977	+02°56'	+07°58'	+15°51'	-10°17'	+19°16'	+18°39'	-14°42'	-21°13'	+11°03'	+11°14'
Apr 4 1977	+05°38'	+13°44'	+14°04'	-08°15'	+19°34'	+18°41'	-14°38'	-21°12'	+11°08'	+11°22'
Apr 11 1977	+08°16'	+17°35'	+11°28'	-06°09'	+19°53'	+18°42'	-14°33'	-21°11'	+11°12'	+11°30'
Apr 18 1977	+10°46'	+18°58'	+08°47'	-04°01'	+20°11'	+18°41'	-14°27'	-21°10'	+11°16'	+11°39'
Apr 25 1977	+13°08'	+17°50'	+06°39'	-01°52'	+20°29'	+18°39'	-14°22'	-21°09'	+11°19'	+11°47'
May 2 1977	+15°20'	+14°52'	+05°22'	+00°17'	+20°46'	+18°35'	-14°16'	-21°08'	+11°21'	+11°56'
May 9 1977	+17°19'	+11°50'	+04°57'	+02°25'	+21°03'	+18°30'	-14°11'	-21°07'	+11°23'	+12°04'
May 16 1977	+19°04'	+10°21'	+05°17'	+04°32'	+21°19'	+18°24'	-14°05'	-21°06'	+11°24'	+12°12'
May 23 1977	+20°33'	+10°48'	+06°12'	+06°36'	+21°34'	+18°16'	-14°00'	-21°05'	+11°24'	+12°19'
May 30 1977	+21°45'	+12°48'	+07°34'	+08°36'	+21°47'	+18°07'	-13°56'	-21°04'	+11°23'	+12°27'
Jun 6 1977	+22°38'	+15°50'	+09°14'	+10°31'	+22°00'	+17°57'	-13°51'	-21°02'	+11°22'	+12°33'
Jun 13 1977	+23°12'	+19°19'	+11°06'	+12°20'	+22°12'	+17°46'	-13°48'	-21°01'	+11°20'	+12°40'
Jun 20 1977	+23°26'	+22°29'	+13°03'	+14°03'	+22°22'	+17°35'	-13°45'	-21°00'	+11°17'	+12°45'
Jun 27 1977	+23°19'	+24°18'	+14°58'	+15°38'	+22°31'	+17°22'	-13°42'	-20°59'	+11°13'	+12°50'
Jul 4 1977	+22°53'	+23°59'	+16°48'	+17°06'	+22°39'	+17°08'	-13°41'	-20°58'	+11°09'	+12°54'
Jul 11 1977	+22°07'	+21°39'	+18°26'	+18°26'	+22°45'	+16°54'	-13°40'	-20°57'	+11°04'	+12°57'
Jul 18 1977	+21°02'	+18°01'	+19°49'	+19°36'	+22°51'	+16°39'	-13°40'	-20°56'	+10°58'	+13°00'
Jul 25 1977	+19°41'	+13°45'	+20°53'	+20°38'	+22°55'	+16°23'	-13°41'	-20°56'	+10°52'	+13°02'
Aug 1 1977	+18°03'	+09°23'	+21°33'	+21°30'	+22°58'	+16°07'	-13°42'	-20°55'	+10°46'	+13°03'
Aug 8 1977	+16°10'	+05°18'	+21°47'	+22°12'	+23°00'	+15°51'	-13°45'	-20°55'	+10°39'	+13°02'
Aug 15 1977	+14°05'	+01°57'	+21°34'	+22°45'	+23°01'	+15°34'	-13°48'	-20°55'	+10°33'	+13°01'
Aug 22 1977	+11°49'	-00°00'	+20°52'	+23°09'	+23°02'	+15°17'	-13°52'	-20°55'	+10°25'	+13°00'
Aug 29 1977	+09°24'	+00°19'	+19°41'	+23°24'	+23°02'	+15°01'	-13°57'	-20°56'	+10°18'	+12°57'
Sep 5 1977	+06°51'	+03°20'	+18°04'	+23°31'	+23°01'	+14°44'	-14°02'	-20°56'	+10°11'	+12°53'
Sep 12 1977	+04°13'	+07°08'	+16°01'	+23°30'	+23°00'	+14°28'	-14°08'	-20°57'	+10°04'	+12°49'
Sep 19 1977	+01°31'	+08°39'	+13°35'	+23°22'	+22°59'	+14°12'	-14°15'	-20°58'	+09°57'	+12°44'
Sep 26 1977	-01°11'	+06°47'	+10°51'	+23°08'	+22°58'	+13°57'	-14°22'	-20°59'	+09°50'	+12°38'
Oct 3 1977	-03°54'	+02°34'	+07°51'	+22°49'	+22°57'	+13°43'	-14°29'	-21°00'	+09°44'	+12°32'
Oct 10 1977	-06°35'	-02°36'	+04°39'	+22°26'	+22°56'	+13°29'	-14°37'	-21°02'	+09°38'	+12°25'
Oct 17 1977	-09°12'	-07°49'	+01°19'	+22°01'	+22°56'	+13°17'	-14°44'	-21°03'	+09°32'	+12°18'
Oct 24 1977	-11°42'	-12°41'	-02°04'	+21°34'	+22°56'	+13°06'	-14°53'	-21°05'	+09°27'	+12°11'
Oct 31 1977	-14°04'	-16°58'	-05°27'	+21°08'	+22°57'	+12°56'	-15°01'	-21°07'	+09°22'	+12°03'
Nov 7 1977	-16°14'	-20°33'	-08°45'	+20°44'	+22°58'	+12°47'	-15°09'	-21°09'	+09°18'	+11°56'
Nov 14 1977	-18°11'	-23°19'	-11°55'	+20°23'	+23°00'	+12°41'	-15°17'	-21°10'	+09°15'	+11°49'
Nov 21 1977	-19°53'	-25°07'	-14°50'	+20°08'	+23°01'	+12°36'	-15°25'	-21°12'	+09°12'	+11°42'
Nov 28 1977	-21°17'	-25°51'	-17°27'	+20°00'	+23°04'	+12°32'	-15°32'	-21°14'	+09°10'	+11°36'
Dec 5 1977	-22°21'	-25°25'	-19°42'	+20°00'	+23°06'	+12°31'	-15°39'	-21°16'	+09°09'	+11°31'
Dec 12 1977	-23°04'	-24°00'	-21°29'	+20°12'	+23°08'	+12°32'	-15°46'	-21°17'	+09°08'	+11°26'

Dec 19 1977	-23°24'	-22°00'	-22°46'	+20°35'	+23°10'	+12°35'	-15°53'	-21°19'	+09°09'	+11°22'
Dec 26 1977	-23°22'	-20°18'	-23°29'	+21°08'	+23°11'	+12°39'	-15°59'	-21°20'	+09°10'	+11°19'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 1978	-22°56'	-20°17'	-23°37'	+21°51'	+23°12'	+12°45'	-16°04'	-21°22'	+09°12'	+11°17'
Jan 9 1978	-22°09'	-21°24'	-23°08'	+22°39'	+23°13'	+12°53'	-16°09'	-21°23'	+09°14'	+11°16'
Jan 16 1978	-21°00'	-22°32'	-22°05'	+23°28'	+23°13'	+13°03'	-16°13'	-21°24'	+09°18'	+11°16'
Jan 23 1978	-19°31'	-23°02'	-20°30'	+24°13'	+23°14'	+13°13'	-16°16'	-21°25'	+09°21'	+11°17'
Jan 30 1978	-17°45'	-22°38'	-18°24'	+24°48'	+23°14'	+13°25'	-16°18'	-21°26'	+09°26'	+11°19'
Feb 6 1978	-15°43'	-21°11'	-15°53'	+25°12'	+23°15'	+13°37'	-16°20'	-21°27'	+09°30'	+11°22'
Feb 13 1978	-13°28'	-18°38'	-13°00'	+25°24'	+23°15'	+13°49'	-16°21'	-21°27'	+09°36'	+11°26'
Feb 20 1978	-11°02'	-14°57'	-09°50'	+25°26'	+23°16'	+14°02'	-16°21'	-21°28'	+09°41'	+11°30'
Feb 27 1978	-08°28'	-10°08'	-06°28'	+25°19'	+23°17'	+14°13'	-16°21'	-21°28'	+09°47'	+11°35'
Mar 6 1978	-05°48'	-04°19'	-02°57'	+25°06'	+23°19'	+14°25'	-16°20'	-21°28'	+09°52'	+11°42'
Mar 13 1978	-03°04'	+02°04'	+00°37'	+24°46'	+23°20'	+14°35'	-16°18'	-21°28'	+09°58'	+11°48'
Mar 20 1978	-00°18'	+08°00'	+04°12'	+24°21'	+23°22'	+14°44'	-16°15'	-21°28'	+10°04'	+11°55'
Mar 27 1978	+02°27'	+12°01'	+07°43'	+23°52'	+23°24'	+14°51'	-16°12'	-21°27'	+10°09'	+12°03'
Apr 3 1978	+05°10'	+13°06'	+11°05'	+23°18'	+23°25'	+14°57'	-16°08'	-21°27'	+10°14'	+12°11'
Apr 10 1978	+07°48'	+11°09'	+14°14'	+22°39'	+23°26'	+15°01'	-16°04'	-21°26'	+10°18'	+12°19'
Apr 17 1978	+10°20'	+07°38'	+17°06'	+21°55'	+23°27'	+15°04'	-15°59'	-21°26'	+10°22'	+12°27'
Apr 24 1978	+12°44'	+04°55'	+19°37'	+21°06'	+23°27'	+15°04'	-15°54'	-21°25'	+10°25'	+12°35'
May 1 1978	+14°57'	+04°12'	+21°43'	+20°12'	+23°26'	+15°03'	-15°49'	-21°24'	+10°28'	+12°44'
May 8 1978	+16°59'	+05°23'	+23°19'	+19°12'	+23°25'	+15°00'	-15°44'	-21°23'	+10°30'	+12°52'
May 15 1978	+18°46'	+08°01'	+24°24'	+18°08'	+23°22'	+14°56'	-15°39'	-21°22'	+10°31'	+13°00'
May 22 1978	+20°18'	+11°40'	+24°54'	+16°58'	+23°19'	+14°50'	-15°34'	-21°21'	+10°31'	+13°07'
May 29 1978	+21°33'	+15°54'	+24°50'	+15°44'	+23°14'	+14°42'	-15°29'	-21°20'	+10°31'	+13°14'
Jun 5 1978	+22°30'	+20°08'	+24°11'	+14°24'	+23°09'	+14°33'	-15°24'	-21°19'	+10°30'	+13°21'
Jun 12 1978	+23°07'	+23°28'	+22°58'	+13°00'	+23°02'	+14°22'	-15°21'	-21°18'	+10°28'	+13°27'
Jun 19 1978	+23°25'	+24°55'	+21°16'	+11°32'	+22°54'	+14°10'	-15°17'	-21°17'	+10°25'	+13°33'
Jun 26 1978	+23°22'	+24°10'	+19°06'	+10°00'	+22°45'	+13°57'	-15°14'	-21°16'	+10°22'	+13°38'
Jul 3 1978	+22°59'	+21°44'	+16°33'	+08°24'	+22°35'	+13°43'	-15°12'	-21°15'	+10°18'	+13°43'
Jul 10 1978	+22°17'	+18°21'	+13°41'	+06°45'	+22°24'	+13°27'	-15°11'	-21°14'	+10°13'	+13°46'
Jul 17 1978	+21°15'	+14°36'	+10°33'	+05°03'	+22°12'	+13°11'	-15°10'	-21°13'	+10°08'	+13°49'
Jul 24 1978	+19°56'	+11°00'	+07°15'	+03°18'	+21°58'	+12°54'	-15°10'	-21°13'	+10°02'	+13°51'
Jul 31 1978	+18°21'	+08°06'	+03°49'	+01°32'	+21°44'	+12°37'	-15°11'	-21°13'	+09°56'	+13°53'
Aug 7 1978	+16°31'	+06°35'	+00°19'	-00°15'	+21°29'	+12°19'	-15°13'	-21°12'	+09°50'	+13°53'
Aug 14 1978	+14°28'	+07°11'	-03°10'	-02°04'	+21°14'	+12°00'	-15°15'	-21°12'	+09°43'	+13°52'
Aug 21 1978	+12°14'	+09°46'	-06°36'	-03°54'	+20°58'	+11°41'	-15°18'	-21°12'	+09°36'	+13°51'
Aug 28 1978	+09°50'	+12°35'	-09°56'	-05°43'	+20°42'	+11°22'	-15°22'	-21°13'	+09°29'	+13°49'
Sep 4 1978	+07°19'	+13°36'	-13°05'	-07°32'	+20°26'	+11°03'	-15°27'	-21°13'	+09°22'	+13°46'
Sep 11 1978	+04°41'	+11°53'	-16°01'	-09°20'	+20°10'	+10°45'	-15°32'	-21°14'	+09°15'	+13°42'
Sep 18 1978	+02°00'	+07°51'	-18°39'	-11°05'	+19°54'	+10°26'	-15°38'	-21°15'	+09°07'	+13°37'
Sep 25 1978	-00°42'	+02°38'	-20°57'	-12°48'	+19°38'	+10°08'	-15°44'	-21°16'	+09°01'	+13°32'
Oct 2 1978	-03°25'	-02°50'	-22°50'	-14°27'	+19°24'	+09°50'	-15°50'	-21°17'	+08°54'	+13°26'
Oct 9 1978	-06°07'	-08°05'	-24°12'	-16°01'	+19°10'	+09°33'	-15°57'	-21°18'	+08°48'	+13°20'
Oct 16 1978	-08°44'	-12°53'	-24°55'	-17°30'	+18°58'	+09°17'	-16°04'	-21°19'	+08°42'	+13°13'
Oct 23 1978	-11°16'	-17°06'	-24°49'	-18°53'	+18°48'	+09°02'	-16°12'	-21°21'	+08°36'	+13°06'
Oct 30 1978	-13°39'	-20°36'	-23°42'	-20°08'	+18°39'	+08°49'	-16°19'	-21°22'	+08°31'	+12°59'

Nov 6 1978	-15°52'	-23°17'	-21°33'	-21°15'	+18°32'	+08°36'	-16°27'	-21°24'	+08°27'	+12°52'
Nov 13 1978	-17°51'	-24°57'	-18°45'	-22°13'	+18°28'	+08°25'	-16°34'	-21°25'	+08°23'	+12°45'
Nov 20 1978	-19°36'	-25°26'	-16°02'	-23°01'	+18°26'	+08°16'	-16°42'	-21°27'	+08°20'	+12°38'
Nov 27 1978	-21°03'	-24°30'	-14°00'	-23°37'	+18°26'	+08°09'	-16°49'	-21°28'	+08°18'	+12°32'
Dec 4 1978	-22°11'	-21°52'	-12°54'	-24°02'	+18°30'	+08°04'	-16°56'	-21°30'	+08°16'	+12°26'
Dec 11 1978	-22°58'	-18°56'	-12°40'	-24°14'	+18°35'	+08°00'	-17°03'	-21°31'	+08°16'	+12°21'
Dec 18 1978	-23°22'	-18°34'	-13°08'	-24°13'	+18°43'	+07°59'	-17°09'	-21°33'	+08°16'	+12°17'
Dec 25 1978	-23°24'	-20°05'	-14°04'	-23°59'	+18°54'	+08°00'	-17°15'	-21°34'	+08°16'	+12°14'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 1979	-23°03'	-21°57'	-15°17'	-23°32'	+19°05'	+08°02'	-17°20'	-21°35'	+08°18'	+12°11'
Jan 8 1979	-22°19'	-23°19'	-16°37'	-22°52'	+19°19'	+08°07'	-17°25'	-21°36'	+08°20'	+12°09'
Jan 15 1979	-21°13'	-23°50'	-17°56'	-21°59'	+19°33'	+08°14'	-17°29'	-21°37'	+08°23'	+12°09'
Jan 22 1979	-19°48'	-23°21'	-19°07'	-20°54'	+19°47'	+08°23'	-17°33'	-21°38'	+08°26'	+12°09'
Jan 29 1979	-18°05'	-21°44'	-20°03'	-19°37'	+20°01'	+08°33'	-17°36'	-21°39'	+08°30'	+12°11'
Feb 5 1979	-16°06'	-18°57'	-20°39'	-18°10'	+20°15'	+08°44'	-17°38'	-21°40'	+08°35'	+12°13'
Feb 12 1979	-13°53'	-14°57'	-20°52'	-16°34'	+20°27'	+08°56'	-17°39'	-21°40'	+08°40'	+12°16'
Feb 19 1979	-11°29'	-09°50'	-20°40'	-14°49'	+20°37'	+09°09'	-17°40'	-21°40'	+08°45'	+12°20'
Feb 26 1979	-08°56'	-03°55'	-20°00'	-12°56'	+20°46'	+09°23'	-17°40'	-21°41'	+08°51'	+12°25'
Mar 5 1979	-06°17'	+01°48'	-18°53'	-10°57'	+20°53'	+09°36'	-17°40'	-21°41'	+08°56'	+12°31'
Mar 12 1979	-03°33'	+05°40'	-17°20'	-08°54'	+20°58'	+09°49'	-17°38'	-21°41'	+09°02'	+12°37'
Mar 19 1979	-00°47'	+06°10'	-15°23'	-06°46'	+21°01'	+10°01'	-17°36'	-21°41'	+09°07'	+12°44'
Mar 26 1979	+01°57'	+03°27'	-13°04'	-04°36'	+21°02'	+10°12'	-17°34'	-21°40'	+09°13'	+12°51'
Apr 2 1979	+04°41'	-00°04'	-10°27'	-02°24'	+21°00'	+10°22'	-17°31'	-21°40'	+09°18'	+12°58'
Apr 9 1979	+07°20'	-02°05'	-07°36'	-00°12'	+20°57'	+10°30'	-17°27'	-21°39'	+09°22'	+13°06'
Apr 16 1979	+09°54'	-02°03'	-04°33'	+01°58'	+20°52'	+10°36'	-17°23'	-21°39'	+09°26'	+13°14'
Apr 23 1979	+12°19'	-00°18'	-01°22'	+04°08'	+20°45'	+10°41'	-17°19'	-21°38'	+09°30'	+13°22'
Apr 30 1979	+14°35'	+02°45'	+01°51'	+06°15'	+20°37'	+10°43'	-17°14'	-21°37'	+09°33'	+13°30'
May 7 1979	+16°38'	+06°48'	+05°04'	+08°18'	+20°26'	+10°44'	-17°10'	-21°37'	+09°35'	+13°38'
May 14 1979	+18°28'	+11°34'	+08°14'	+10°17'	+20°14'	+10°43'	-17°05'	-21°36'	+09°37'	+13°46'
May 21 1979	+20°03'	+16°36'	+11°16'	+12°10'	+20°01'	+10°40'	-17°00'	-21°35'	+09°37'	+13°53'
May 28 1979	+21°21'	+21°13'	+14°06'	+13°56'	+19°45'	+10°35'	-16°56'	-21°34'	+09°37'	+14°00'
Jun 4 1979	+22°21'	+24°21'	+16°40'	+15°36'	+19°28'	+10°28'	-16°51'	-21°33'	+09°36'	+14°07'
Jun 11 1979	+23°02'	+25°20'	+18°54'	+17°07'	+19°10'	+10°19'	-16°47'	-21°32'	+09°35'	+14°13'
Jun 18 1979	+23°23'	+24°22'	+20°45'	+18°30'	+18°50'	+10°09'	-16°44'	-21°31'	+09°33'	+14°19'
Jun 25 1979	+23°24'	+22°06'	+22°08'	+19°44'	+18°29'	+09°57'	-16°41'	-21°31'	+09°30'	+14°24'
Jul 2 1979	+23°05'	+19°13'	+23°01'	+20°49'	+18°06'	+09°44'	-16°38'	-21°30'	+09°26'	+14°29'
Jul 9 1979	+22°26'	+16°16'	+23°21'	+21°44'	+17°42'	+09°30'	-16°36'	-21°29'	+09°21'	+14°33'
Jul 16 1979	+21°27'	+13°53'	+23°08'	+22°28'	+17°17'	+09°14'	-16°35'	-21°29'	+09°16'	+14°36'
Jul 23 1979	+20°12'	+12°43'	+22°22'	+23°02'	+16°51'	+08°58'	-16°35'	-21°28'	+09°11'	+14°39'
Jul 30 1979	+18°39'	+13°12'	+21°03'	+23°26'	+16°25'	+08°40'	-16°35'	-21°28'	+09°05'	+14°40'
Aug 6 1979	+16°52'	+14°59'	+19°15'	+23°40'	+15°57'	+08°22'	-16°36'	-21°28'	+08°59'	+14°41'
Aug 13 1979	+14°51'	+16°53'	+17°00'	+23°44'	+15°29'	+08°03'	-16°37'	-21°28'	+08°52'	+14°41'
Aug 20 1979	+12°39'	+17°39'	+14°21'	+23°39'	+15°00'	+07°43'	-16°40'	-21°28'	+08°45'	+14°40'
Aug 27 1979	+10°16'	+16°21'	+11°23'	+23°25'	+14°30'	+07°23'	-16°43'	-21°28'	+08°38'	+14°38'
Sep 3 1979	+07°46'	+12°50'	+08°10'	+23°02'	+14°01'	+07°03'	-16°46'	-21°28'	+08°31'	+14°36'
Sep 10 1979	+05°10'	+07°51'	+04°46'	+22°31'	+13°31'	+06°43'	-16°51'	-21°29'	+08°24'	+14°33'
Sep 17 1979	+02°29'	+02°21'	+01°15'	+21°54'	+13°02'	+06°23'	-16°56'	-21°29'	+08°17'	+14°29'

Sep 24 1979	-00°13'	-03°06'	-02°17'	+21°10'	+12°33'	+06°03'	-17°01'	-21°30'	+08°10'	+14°24'
Oct 1 1979	-02°56'	-08°15'	-05°50'	+20°21'	+12°05'	+05°43'	-17°07'	-21°31'	+08°03'	+14°18'
Oct 8 1979	-05°38'	-12°55'	-09°16'	+19°27'	+11°37'	+05°24'	-17°13'	-21°32'	+07°56'	+14°13'
Oct 15 1979	-08°17'	-16°59'	-12°33'	+18°30'	+11°11'	+05°05'	-17°19'	-21°33'	+07°50'	+14°06'
Oct 22 1979	-10°50'	-20°19'	-15°35'	+17°30'	+10°46'	+04°48'	-17°26'	-21°35'	+07°45'	+14°00'
Oct 29 1979	-13°14'	-22°41'	-18°17'	+16°29'	+10°22'	+04°31'	-17°33'	-21°36'	+07°40'	+13°53'
Nov 5 1979	-15°29'	-23°48'	-20°36'	+15°27'	+10°01'	+04°15'	-17°39'	-21°37'	+07°35'	+13°46'
Nov 12 1979	-17°31'	-23°03'	-22°27'	+14°26'	+09°41'	+04°01'	-17°46'	-21°38'	+07°31'	+13°39'
Nov 19 1979	-19°19'	-19°40'	-23°47'	+13°26'	+09°24'	+03°49'	-17°53'	-21°40'	+07°28'	+13°32'
Nov 26 1979	-20°49'	-15°51'	-24°32'	+12°29'	+09°10'	+03°37'	-18°00'	-21°41'	+07°25'	+13°26'
Dec 3 1979	-22°00'	-15°26'	-24°40'	+11°36'	+08°58'	+03°28'	-18°07'	-21°42'	+07°23'	+13°20'
Dec 10 1979	-22°51'	-17°29'	-24°12'	+10°49'	+08°50'	+03°21'	-18°13'	-21°44'	+07°22'	+13°15'
Dec 17 1979	-23°20'	-20°07'	-23°07'	+10°08'	+08°45'	+03°15'	-18°19'	-21°45'	+07°21'	+13°10'
Dec 24 1979	-23°25'	-22°23'	-21°30'	+09°35'	+08°44'	+03°12'	-18°25'	-21°46'	+07°22'	+13°06'
Dec 31 1979	-23°08'	-23°53'	-19°21'	+09°13'	+08°46'	+03°10'	-18°30'	-21°47'	+07°23'	+13°03'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 1980	-22°28'	-24°25'	-16°47'	+09°02'	+08°52'	+03°11'	-18°35'	-21°48'	+07°25'	+13°01'
Jan 14 1980	-21°27'	-23°51'	-13°50'	+09°03'	+09°02'	+03°14'	-18°39'	-21°49'	+07°27'	+13°00'
Jan 21 1980	-20°05'	-22°06'	-10°36'	+09°19'	+09°14'	+03°19'	-18°43'	-21°49'	+07°30'	+13°00'
Jan 28 1980	-18°25'	-19°06'	-07°09'	+09°49'	+09°30'	+03°26'	-18°46'	-21°50'	+07°34'	+13°01'
Feb 4 1980	-16°28'	-14°53'	-03°34'	+10°32'	+09°47'	+03°35'	-18°48'	-21°51'	+07°38'	+13°03'
Feb 11 1980	-14°17'	-09°43'	+00°05'	+11°25'	+10°07'	+03°45'	-18°50'	-21°51'	+07°43'	+13°06'
Feb 18 1980	-11°55'	-04°29'	+03°45'	+12°26'	+10°27'	+03°57'	-18°51'	-21°51'	+07°48'	+13°09'
Feb 25 1980	-09°24'	-01°01'	+07°21'	+13°26'	+10°48'	+04°09'	-18°52'	-21°51'	+07°54'	+13°13'
Mar 3 1980	-06°45'	-01°07'	+10°49'	+14°21'	+11°09'	+04°23'	-18°52'	-21°51'	+07°59'	+13°18'
Mar 10 1980	-04°02'	-04°09'	+14°06'	+15°06'	+11°28'	+04°36'	-18°51'	-21°51'	+08°05'	+13°24'
Mar 17 1980	-01°17'	-07°11'	+17°08'	+15°37'	+11°46'	+04°50'	-18°50'	-21°51'	+08°10'	+13°30'
Mar 24 1980	+01°28'	-08°28'	+19°51'	+15°53'	+12°01'	+05°03'	-18°48'	-21°51'	+08°15'	+13°37'
Mar 31 1980	+04°12'	-07°55'	+22°12'	+15°54'	+12°13'	+05°15'	-18°46'	-21°51'	+08°21'	+13°44'
Apr 7 1980	+06°52'	-05°52'	+24°09'	+15°43'	+12°23'	+05°26'	-18°43'	-21°50'	+08°25'	+13°52'
Apr 14 1980	+09°27'	-02°38'	+25°40'	+15°19'	+12°29'	+05°36'	-18°40'	-21°50'	+08°30'	+13°59'
Apr 21 1980	+11°54'	+01°36'	+26°46'	+14°45'	+12°32'	+05°45'	-18°36'	-21°49'	+08°33'	+14°07'
Apr 28 1980	+14°11'	+06°37'	+27°25'	+14°02'	+12°32'	+05°51'	-18°33'	-21°49'	+08°36'	+14°15'
May 5 1980	+16°17'	+12°10'	+27°40'	+13°11'	+12°29'	+05°56'	-18°28'	-21°48'	+08°39'	+14°22'
May 12 1980	+18°10'	+17°43'	+27°33'	+12°13'	+12°22'	+05°59'	-18°24'	-21°48'	+08°41'	+14°30'
May 19 1980	+19°47'	+22°17'	+27°06'	+11°08'	+12°12'	+06°00'	-18°20'	-21°47'	+08°42'	+14°37'
May 26 1980	+21°09'	+24°58'	+26°19'	+09°57'	+12°00'	+05°58'	-18°15'	-21°46'	+08°42'	+14°44'
Jun 2 1980	+22°12'	+25°35'	+25°11'	+08°40'	+11°45'	+05°55'	-18°11'	-21°45'	+08°42'	+14°51'
Jun 9 1980	+22°56'	+24°38'	+23°41'	+07°18'	+11°27'	+05°50'	-18°07'	-21°45'	+08°40'	+14°57'
Jun 16 1980	+23°21'	+22°45'	+21°55'	+05°52'	+11°07'	+05°43'	-18°04'	-21°44'	+08°38'	+15°03'
Jun 23 1980	+23°25'	+20°32'	+20°10'	+04°22'	+10°45'	+05°34'	-18°01'	-21°43'	+08°36'	+15°08'
Jun 30 1980	+23°09'	+18°35'	+18°49'	+02°48'	+10°21'	+05°23'	-17°58'	-21°43'	+08°32'	+15°13'
Jul 7 1980	+22°34'	+17°24'	+18°02'	+01°11'	+09°54'	+05°11'	-17°56'	-21°42'	+08°28'	+15°17'
Jul 14 1980	+21°39'	+17°20'	+17°49'	-00°28'	+09°27'	+04°57'	-17°54'	-21°42'	+08°23'	+15°20'
Jul 21 1980	+20°26'	+18°15'	+18°01'	-02°10'	+08°57'	+04°42'	-17°53'	-21°41'	+08°18'	+15°23'
Jul 28 1980	+18°57'	+19°35'	+18°26'	-03°53'	+08°27'	+04°26'	-17°53'	-21°41'	+08°12'	+15°25'
Aug 4 1980	+17°12'	+20°28'	+18°55'	-05°37'	+07°55'	+04°09'	-17°53'	-21°41'	+08°06'	+15°26'

Aug 11 1980	+15°13'	+19°53'	+19°19'	-07°22'	+07°22'	+03°51'	-17°54'	-21°41'	+08°00'	+15°27'
Aug 18 1980	+13°03'	+17°13'	+19°32'	-09°06'	+06°48'	+03°32'	-17°56'	-21°41'	+07°53'	+15°26'
Aug 25 1980	+10°42'	+12°49'	+19°27'	-10°49'	+06°14'	+03°12'	-17°58'	-21°41'	+07°46'	+15°25'
Sep 1 1980	+08°13'	+07°33'	+19°03'	-12°29'	+05°38'	+02°52'	-18°01'	-21°41'	+07°39'	+15°23'
Sep 8 1980	+05°38'	+02°04'	+18°15'	-14°08'	+05°03'	+02°32'	-18°04'	-21°42'	+07°32'	+15°20'
Sep 15 1980	+02°58'	-03°14'	+17°04'	-15°42'	+04°27'	+02°11'	-18°08'	-21°42'	+07°25'	+15°17'
Sep 22 1980	+00°15'	-08°11'	+15°30'	-17°12'	+03°52'	+01°51'	-18°12'	-21°43'	+07°18'	+15°12'
Sep 29 1980	-02°27'	-12°38'	+13°33'	-18°36'	+03°16'	+01°30'	-18°17'	-21°44'	+07°11'	+15°08'
Oct 6 1980	-05°10'	-16°23'	+11°15'	-19°54'	+02°41'	+01°10'	-18°23'	-21°45'	+07°04'	+15°02'
Oct 13 1980	-07°49'	-19°12'	+08°40'	-21°04'	+02°07'	+00°51'	-18°28'	-21°46'	+06°58'	+14°56'
Oct 20 1980	-10°23'	-20°38'	+05°50'	-22°05'	+01°33'	+00°31'	-18°34'	-21°47'	+06°52'	+14°50'
Oct 27 1980	-12°49'	-19°45'	+02°49'	-22°57'	+01°01'	+00°13'	-18°40'	-21°48'	+06°47'	+14°44'
Nov 3 1980	-15°06'	-15°41'	-00°19'	-23°38'	+00°29'	-00°04'	-18°46'	-21°49'	+06°42'	+14°37'
Nov 10 1980	-17°11'	-11°28'	-03°31'	-24°08'	-00°00'	-00°20'	-18°53'	-21°50'	+06°38'	+14°30'
Nov 17 1980	-19°01'	-11°13'	-06°43'	-24°25'	-00°28'	-00°35'	-18°59'	-21°51'	+06°34'	+14°24'
Nov 24 1980	-20°34'	-13°49'	-09°49'	-24°29'	-00°54'	-00°49'	-19°05'	-21°52'	+06°31'	+14°17'
Dec 1 1980	-21°49'	-17°11'	-12°46'	-24°20'	-01°18'	-01°02'	-19°11'	-21°53'	+06°29'	+14°12'
Dec 8 1980	-22°44'	-20°20'	-15°28'	-23°58'	-01°40'	-01°13'	-19°17'	-21°54'	+06°27'	+14°06'
Dec 15 1980	-23°16'	-22°47'	-17°53'	-23°22'	-01°59'	-01°22'	-19°23'	-21°55'	+06°26'	+14°01'
Dec 22 1980	-23°26'	-24°21'	-19°54'	-22°33'	-02°16'	-01°29'	-19°28'	-21°56'	+06°26'	+13°57'
Dec 29 1980	-23°13'	-24°53'	-21°28'	-21°32'	-02°29'	-01°34'	-19°33'	-21°57'	+06°27'	+13°54'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 1981	-22°37'	-24°15'	-22°32'	-20°19'	-02°39'	-01°37'	-19°38'	-21°58'	+06°29'	+13°52'
Jan 12 1981	-21°39'	-22°22'	-23°03'	-18°54'	-02°46'	-01°38'	-19°42'	-21°58'	+06°31'	+13°50'
Jan 19 1981	-20°21'	-19°14'	-22°59'	-17°20'	-02°49'	-01°37'	-19°45'	-21°59'	+06°34'	+13°49'
Jan 26 1981	-18°44'	-15°01'	-22°21'	-15°37'	-02°48'	-01°34'	-19°49'	-21°59'	+06°37'	+13°50'
Feb 2 1981	-16°50'	-10°31'	-21°09'	-13°45'	-02°44'	-01°29'	-19°51'	-22°00'	+06°41'	+13°51'
Feb 9 1981	-14°42'	-07°34'	-19°27'	-11°47'	-02°36'	-01°23'	-19°54'	-22°00'	+06°45'	+13°53'
Feb 16 1981	-12°21'	-08°00'	-17°17'	-09°44'	-02°25'	-01°14'	-19°55'	-22°00'	+06°50'	+13°56'
Feb 23 1981	-09°51'	-10°48'	-14°43'	-07°36'	-02°10'	-01°04'	-19°56'	-22°00'	+06°55'	+14°00'
Mar 2 1981	-07°14'	-13°05'	-11°49'	-05°26'	-01°53'	-00°53'	-19°57'	-22°00'	+07°01'	+14°04'
Mar 9 1981	-04°31'	-13°49'	-08°40'	-03°13'	-01°34'	-00°40'	-19°57'	-22°00'	+07°06'	+14°10'
Mar 16 1981	-01°46'	-13°03'	-05°19'	-01°00'	-01°13'	-00°27'	-19°56'	-22°00'	+07°12'	+14°15'
Mar 23 1981	+00°59'	-11°00'	-01°51'	+01°12'	-00°52'	-00°14'	-19°55'	-22°00'	+07°17'	+14°22'
Mar 30 1981	+03°43'	-07°50'	+01°39'	+03°23'	-00°30'	-00°01'	-19°53'	-22°00'	+07°22'	+14°28'
Apr 6 1981	+06°24'	-03°40'	+05°08'	+05°32'	-00°10'	+00°11'	-19°51'	-21°59'	+07°27'	+14°35'
Apr 13 1981	+09°00'	+01°22'	+08°33'	+07°38'	+00°09'	+00°23'	-19°49'	-21°59'	+07°31'	+14°42'
Apr 20 1981	+11°28'	+07°08'	+11°47'	+09°39'	+00°26'	+00°34'	-19°46'	-21°59'	+07°35'	+14°50'
Apr 27 1981	+13°48'	+13°14'	+14°48'	+11°35'	+00°41'	+00°44'	-19°42'	-21°58'	+07°39'	+14°57'
May 4 1981	+15°56'	+18°53'	+17°31'	+13°25'	+00°53'	+00°52'	-19°39'	-21°58'	+07°41'	+15°05'
May 11 1981	+17°51'	+23°02'	+19°52'	+15°08'	+01°02'	+00°58'	-19°35'	-21°57'	+07°43'	+15°12'
May 18 1981	+19°31'	+25°10'	+21°46'	+16°43'	+01°07'	+01°03'	-19°31'	-21°57'	+07°45'	+15°19'
May 25 1981	+20°55'	+25°31'	+23°11'	+18°11'	+01°08'	+01°06'	-19°28'	-21°56'	+07°45'	+15°26'
Jun 1 1981	+22°02'	+24°37'	+24°03'	+19°29'	+01°06'	+01°06'	-19°24'	-21°56'	+07°45'	+15°32'
Jun 8 1981	+22°50'	+22°59'	+24°21'	+20°38'	+01°01'	+01°05'	-19°20'	-21°55'	+07°44'	+15°38'
Jun 15 1981	+23°18'	+21°04'	+24°04'	+21°36'	+00°52'	+01°02'	-19°17'	-21°55'	+07°43'	+15°44'
Jun 22 1981	+23°26'	+19°27'	+23°12'	+22°25'	+00°40'	+00°56'	-19°13'	-21°54'	+07°40'	+15°49'

Jun 29 1981	+23°14'	+18°44'	+21°47'	+23°04'	+00°24'	+00°49'	-19°11'	-21°54'	+07°37'	+15°54'
Jul 6 1981	+22°42'	+19°10'	+19°52'	+23°31'	+00°06'	+00°40'	-19°08'	-21°53'	+07°33'	+15°58'
Jul 13 1981	+21°50'	+20°27'	+17°31'	+23°49'	-00°13'	+00°30'	-19°06'	-21°53'	+07°29'	+16°02'
Jul 20 1981	+20°41'	+21°48'	+14°47'	+23°56'	-00°36'	+00°17'	-19°05'	-21°53'	+07°24'	+16°05'
Jul 27 1981	+19°14'	+22°12'	+11°44'	+23°52'	-01°01'	+00°04'	-19°04'	-21°52'	+07°19'	+16°07'
Aug 3 1981	+17°32'	+20°44'	+08°27'	+23°39'	-01°28'	-00°10'	-19°04'	-21°52'	+07°13'	+16°08'
Aug 10 1981	+15°35'	+17°16'	+04°59'	+23°17'	-01°57'	-00°26'	-19°04'	-21°52'	+07°06'	+16°09'
Aug 17 1981	+13°27'	+12°32'	+01°25'	+22°46'	-02°27'	-00°43'	-19°05'	-21°52'	+07°00'	+16°09'
Aug 24 1981	+11°08'	+07°17'	-02°11'	+22°06'	-02°58'	-01°01'	-19°07'	-21°52'	+06°53'	+16°08'
Aug 31 1981	+08°40'	+01°59'	-05°46'	+21°19'	-03°30'	-01°20'	-19°09'	-21°53'	+06°46'	+16°06'
Sep 7 1981	+06°06'	-03°03'	-09°17'	+20°24'	-04°04'	-01°39'	-19°11'	-21°53'	+06°39'	+16°04'
Sep 14 1981	+03°27'	-07°41'	-12°38'	+19°24'	-04°38'	-01°59'	-19°15'	-21°54'	+06°32'	+16°01'
Sep 21 1981	+00°44'	-11°39'	-15°47'	+18°18'	-05°12'	-02°19'	-19°18'	-21°54'	+06°25'	+15°57'
Sep 28 1981	-01°58'	-14°40'	-18°38'	+17°07'	-05°46'	-02°39'	-19°22'	-21°55'	+06°18'	+15°53'
Oct 5 1981	-04°41'	-16°07'	-21°10'	+15°52'	-06°21'	-02°59'	-19°27'	-21°55'	+06°11'	+15°48'
Oct 12 1981	-07°21'	-14°52'	-23°17'	+14°33'	-06°56'	-03°18'	-19°31'	-21°56'	+06°05'	+15°43'
Oct 19 1981	-09°56'	-10°20'	-24°56'	+13°12'	-07°30'	-03°38'	-19°36'	-21°57'	+05°59'	+15°37'
Oct 26 1981	-12°24'	-06°11'	-26°06'	+11°49'	-08°03'	-03°57'	-19°42'	-21°58'	+05°53'	+15°31'
Nov 2 1981	-14°43'	-06°15'	-26°44'	+10°25'	-08°36'	-04°15'	-19°47'	-21°59'	+05°48'	+15°25'
Nov 9 1981	-16°49'	-09°20'	-26°51'	+09°00'	-09°09'	-04°33'	-19°53'	-22°00'	+05°43'	+15°18'
Nov 16 1981	-18°42'	-13°22'	-26°27'	+07°36'	-09°40'	-04°50'	-19°58'	-22°01'	+05°39'	+15°12'
Nov 23 1981	-20°19'	-17°17'	-25°36'	+06°13'	-10°10'	-05°05'	-20°04'	-22°01'	+05°36'	+15°06'
Nov 30 1981	-21°37'	-20°38'	-24°21'	+04°51'	-10°38'	-05°20'	-20°09'	-22°02'	+05°34'	+15°00'
Dec 7 1981	-22°35'	-23°10'	-22°48'	+03°31'	-11°05'	-05°33'	-20°15'	-22°03'	+05°32'	+14°55'
Dec 14 1981	-23°12'	-24°45'	-21°03'	+02°15'	-11°30'	-05°44'	-20°20'	-22°04'	+05°31'	+14°50'
Dec 21 1981	-23°26'	-25°16'	-19°13'	+01°03'	-11°54'	-05°54'	-20°25'	-22°05'	+05°30'	+14°45'
Dec 28 1981	-23°17'	-24°34'	-17°27'	-00°04'	-12°15'	-06°02'	-20°29'	-22°05'	+05°31'	+14°42'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 1982	-22°45'	-22°38'	-15°52'	-01°06'	-12°34'	-06°09'	-20°34'	-22°06'	+05°32'	+14°39'
Jan 11 1982	-21°51'	-19°33'	-14°39'	-02°03'	-12°51'	-06°14'	-20°37'	-22°06'	+05°33'	+14°37'
Jan 18 1982	-20°36'	-15°57'	-13°52'	-02°52'	-13°06'	-06°16'	-20°41'	-22°07'	+05°36'	+14°36'
Jan 25 1982	-19°02'	-13°29'	-13°34'	-03°33'	-13°18'	-06°17'	-20°44'	-22°07'	+05°39'	+14°36'
Feb 1 1982	-17°11'	-13°51'	-13°40'	-04°05'	-13°27'	-06°16'	-20°47'	-22°07'	+05°43'	+14°37'
Feb 8 1982	-15°05'	-15°53'	-14°03'	-04°26'	-13°34'	-06°13'	-20°49'	-22°07'	+05°47'	+14°38'
Feb 15 1982	-12°47'	-17°28'	-14°32'	-04°37'	-13°37'	-06°08'	-20°51'	-22°07'	+05°51'	+14°41'
Feb 22 1982	-10°19'	-17°57'	-14°56'	-04°36'	-13°38'	-06°02'	-20°52'	-22°07'	+05°56'	+14°44'
Mar 1 1982	-07°42'	-17°17'	-15°08'	-04°22'	-13°36'	-05°54'	-20°53'	-22°07'	+06°02'	+14°48'
Mar 8 1982	-05°01'	-15°30'	-15°03'	-03°56'	-13°32'	-05°44'	-20°54'	-22°07'	+06°07'	+14°53'
Mar 15 1982	-02°16'	-12°38'	-14°37'	-03°18'	-13°24'	-05°33'	-20°53'	-22°07'	+06°12'	+14°58'
Mar 22 1982	+00°29'	-08°46'	-13°48'	-02°31'	-13°14'	-05°22'	-20°53'	-22°07'	+06°18'	+15°04'
Mar 29 1982	+03°14'	-03°55'	-12°36'	-01°38'	-13°02'	-05°10'	-20°52'	-22°07'	+06°23'	+15°10'
Apr 5 1982	+05°56'	+01°46'	-11°01'	-00°45'	-12°48'	-04°57'	-20°50'	-22°06'	+06°28'	+15°16'
Apr 12 1982	+08°33'	+08°05'	-09°05'	+00°02'	-12°32'	-04°45'	-20°48'	-22°06'	+06°32'	+15°23'
Apr 19 1982	+11°03'	+14°23'	-06°52'	+00°39'	-12°15'	-04°33'	-20°46'	-22°06'	+06°36'	+15°30'
Apr 26 1982	+13°24'	+19°39'	-04°23'	+01°04'	-11°58'	-04°22'	-20°44'	-22°05'	+06°40'	+15°37'
May 3 1982	+15°34'	+23°02'	-01°43'	+01°13'	-11°40'	-04°12'	-20°41'	-22°05'	+06°43'	+15°44'
May 10 1982	+17°31'	+24°28'	+01°04'	+01°07'	-11°24'	-04°03'	-20°38'	-22°05'	+06°45'	+15°51'



May 17 1982	+19°15'	+24°15'	+03°56'	+00°48'	-11°08'	-03°55'	-20°35'	-22°04'	+06°47'	+15°58'
May 24 1982	+20°42'	+22°42'	+06°49'	+00°15'	-10°55'	-03°49'	-20°31'	-22°04'	+06°48'	+16°04'
May 31 1982	+21°52'	+20°21'	+09°39'	-00°27'	-10°44'	-03°45'	-20°28'	-22°04'	+06°48'	+16°11'
Jun 7 1982	+22°43'	+18°10'	+12°22'	-01°21'	-10°35'	-03°42'	-20°25'	-22°03'	+06°47'	+16°17'
Jun 14 1982	+23°14'	+17°12'	+14°54'	-02°23'	-10°29'	-03°42'	-20°21'	-22°03'	+06°46'	+16°22'
Jun 21 1982	+23°26'	+17°46'	+17°11'	-03°32'	-10°27'	-03°43'	-20°18'	-22°03'	+06°44'	+16°27'
Jun 28 1982	+23°17'	+19°28'	+19°09'	-04°47'	-10°27'	-03°47'	-20°16'	-22°02'	+06°41'	+16°32'
Jul 5 1982	+22°49'	+21°34'	+20°45'	-06°08'	-10°31'	-03°52'	-20°13'	-22°02'	+06°38'	+16°36'
Jul 12 1982	+22°01'	+23°07'	+21°54'	-07°31'	-10°37'	-03°59'	-20°11'	-22°02'	+06°34'	+16°39'
Jul 19 1982	+20°54'	+23°04'	+22°35'	-08°58'	-10°46'	-04°08'	-20°10'	-22°02'	+06°29'	+16°42'
Jul 26 1982	+19°30'	+20°54'	+22°45'	-10°27'	-10°59'	-04°18'	-20°08'	-22°02'	+06°24'	+16°44'
Aug 2 1982	+17°51'	+17°03'	+22°23'	-11°57'	-11°13'	-04°30'	-20°08'	-22°02'	+06°18'	+16°46'
Aug 9 1982	+15°57'	+12°19'	+21°29'	-13°26'	-11°30'	-04°43'	-20°08'	-22°02'	+06°12'	+16°47'
Aug 16 1982	+13°50'	+07°16'	+20°05'	-14°55'	-11°49'	-04°57'	-20°08'	-22°02'	+06°05'	+16°47'
Aug 23 1982	+11°33'	+02°18'	+18°13'	-16°21'	-12°10'	-05°12'	-20°09'	-22°02'	+05°59'	+16°46'
Aug 30 1982	+09°07'	-02°19'	+15°55'	-17°45'	-12°32'	-05°29'	-20°10'	-22°02'	+05°52'	+16°45'
Sep 6 1982	+06°34'	-06°19'	+13°15'	-19°04'	-12°55'	-05°46'	-20°12'	-22°02'	+05°45'	+16°43'
Sep 13 1982	+03°55'	-09°17'	+10°17'	-20°18'	-13°20'	-06°03'	-20°15'	-22°03'	+05°38'	+16°41'
Sep 20 1982	+01°13'	-10°29'	+07°05'	-21°25'	-13°46'	-06°21'	-20°17'	-22°03'	+05°31'	+16°37'
Sep 27 1982	-01°29'	-08°46'	+03°43'	-22°24'	-14°12'	-06°40'	-20°21'	-22°04'	+05°24'	+16°34'
Oct 4 1982	-04°12'	-04°09'	+00°15'	-23°15'	-14°38'	-06°59'	-20°24'	-22°04'	+05°17'	+16°29'
Oct 11 1982	-06°53'	-00°27'	-03°14'	-23°56'	-15°05'	-07°17'	-20°28'	-22°05'	+05°10'	+16°24'
Oct 18 1982	-09°29'	-00°51'	-06°42'	-24°26'	-15°32'	-07°36'	-20°32'	-22°06'	+05°04'	+16°19'
Oct 25 1982	-11°58'	-04°18'	-10°03'	-24°44'	-15°58'	-07°55'	-20°37'	-22°06'	+04°59'	+16°14'
Nov 1 1982	-14°19'	-08°52'	-13°13'	-24°50'	-16°25'	-08°13'	-20°42'	-22°07'	+04°53'	+16°08'
Nov 8 1982	-16°28'	-13°26'	-16°06'	-24°43'	-16°50'	-08°30'	-20°46'	-22°08'	+04°48'	+16°02'
Nov 15 1982	-18°23'	-17°32'	-18°40'	-24°23'	-17°15'	-08°47'	-20°51'	-22°08'	+04°44'	+15°56'
Nov 22 1982	-20°03'	-20°57'	-20°48'	-23°50'	-17°39'	-09°03'	-20°56'	-22°09'	+04°41'	+15°50'
Nov 29 1982	-21°25'	-23°31'	-22°27'	-23°03'	-18°02'	-09°18'	-21°01'	-22°10'	+04°38'	+15°44'
Dec 6 1982	-22°27'	-25°06'	-23°34'	-22°04'	-18°25'	-09°32'	-21°05'	-22°10'	+04°36'	+15°39'
Dec 13 1982	-23°07'	-25°35'	-24°06'	-20°53'	-18°45'	-09°45'	-21°10'	-22°11'	+04°34'	+15°34'
Dec 20 1982	-23°25'	-24°52'	-24°01'	-19°31'	-19°05'	-09°57'	-21°14'	-22°11'	+04°33'	+15°30'
Dec 27 1982	-23°20'	-23°00'	-23°20'	-17°59'	-19°23'	-10°07'	-21°18'	-22°12'	+04°33'	+15°26'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 1983	-22°52'	-20°24'	-22°04'	-16°17'	-19°40'	-10°16'	-21°22'	-22°12'	+04°34'	+15°23'
Jan 10 1983	-22°02'	-18°20'	-20°16'	-14°28'	-19°56'	-10°23'	-21°26'	-22°12'	+04°36'	+15°21'
Jan 17 1983	-20°51'	-18°05'	-17°59'	-12°31'	-20°10'	-10°29'	-21°29'	-22°12'	+04°38'	+15°20'
Jan 24 1983	-19°20'	-19°04'	-15°17'	-10°29'	-20°22'	-10°32'	-21°32'	-22°12'	+04°40'	+15°19'
Jan 31 1983	-17°32'	-20°10'	-12°15'	-08°22'	-20°33'	-10°35'	-21°35'	-22°12'	+04°44'	+15°20'
Feb 7 1983	-15°29'	-20°43'	-08°57'	-06°12'	-20°42'	-10°35'	-21°37'	-22°12'	+04°48'	+15°21'
Feb 14 1983	-13°12'	-20°26'	-05°27'	-04°00'	-20°51'	-10°34'	-21°39'	-22°12'	+04°52'	+15°23'
Feb 21 1983	-10°45'	-19°09'	-01°51'	-01°46'	-20°57'	-10°31'	-21°40'	-22°12'	+04°57'	+15°25'
Feb 28 1983	-08°10'	-16°50'	+01°47'	+00°26'	-21°03'	-10°26'	-21°41'	-22°12'	+05°02'	+15°29'
Mar 7 1983	-05°30'	-13°28'	+05°25'	+02°38'	-21°06'	-10°20'	-21°42'	-22°12'	+05°07'	+15°33'
Mar 14 1983	-02°45'	-09°03'	+08°57'	+04°48'	-21°09'	-10°13'	-21°42'	-22°12'	+05°12'	+15°38'
Mar 21 1983	+00°00'	-03°40'	+12°19'	+06°54'	-21°10'	-10°04'	-21°42'	-22°12'	+05°17'	+15°43'
Mar 28 1983	+02°45'	+02°32'	+15°27'	+08°57'	-21°11'	-09°55'	-21°42'	-22°11'	+05°22'	+15°49'

Apr 4 1983	+05°28'	+09°07'	+18°17'	+10°55'	-21°09'	-09°44'	-21°41'	-22°11'	+05°27'	+15°55'
Apr 11 1983	+08°06'	+15°05'	+20°45'	+12°47'	-21°07'	-09°34'	-21°39'	-22°11'	+05°32'	+16°01'
Apr 18 1983	+10°37'	+19°20'	+22°47'	+14°33'	-21°04'	-09°23'	-21°38'	-22°11'	+05°36'	+16°07'
Apr 25 1983	+12°59'	+21°25'	+24°20'	+16°12'	-20°59'	-09°12'	-21°36'	-22°10'	+05°40'	+16°14'
May 2 1983	+15°12'	+21°18'	+25°21'	+17°42'	-20°53'	-09°01'	-21°34'	-22°10'	+05°43'	+16°20'
May 9 1983	+17°12'	+19°15'	+25°50'	+19°04'	-20°46'	-08°51'	-21°31'	-22°10'	+05°46'	+16°27'
May 16 1983	+18°57'	+16°16'	+25°46'	+20°17'	-20°39'	-08°42'	-21°29'	-22°10'	+05°48'	+16°33'
May 23 1983	+20°28'	+13°57'	+25°10'	+21°21'	-20°31'	-08°34'	-21°26'	-22°10'	+05°49'	+16°39'
May 30 1983	+21°40'	+13°22'	+24°05'	+22°14'	-20°22'	-08°27'	-21°23'	-22°09'	+05°49'	+16°45'
Jun 6 1983	+22°35'	+14°31'	+22°33'	+22°57'	-20°14'	-08°22'	-21°20'	-22°09'	+05°49'	+16°51'
Jun 13 1983	+23°10'	+16°52'	+20°39'	+23°30'	-20°06'	-08°18'	-21°18'	-22°09'	+05°48'	+16°56'
Jun 20 1983	+23°25'	+19°48'	+18°27'	+23°52'	-19°58'	-08°16'	-21°15'	-22°09'	+05°46'	+17°01'
Jun 27 1983	+23°20'	+22°32'	+16°03'	+24°04'	-19°52'	-08°16'	-21°12'	-22°09'	+05°44'	+17°05'
Jul 4 1983	+22°55'	+24°02'	+13°30'	+24°06'	-19°46'	-08°17'	-21°10'	-22°09'	+05°41'	+17°09'
Jul 11 1983	+22°11'	+23°27'	+10°56'	+23°57'	-19°42'	-08°21'	-21°08'	-22°09'	+05°37'	+17°12'
Jul 18 1983	+21°07'	+20°51'	+08°27'	+23°38'	-19°40'	-08°26'	-21°06'	-22°09'	+05°33'	+17°15'
Jul 25 1983	+19°46'	+16°56'	+06°10'	+23°10'	-19°40'	-08°32'	-21°05'	-22°09'	+05°28'	+17°17'
Aug 1 1983	+18°09'	+12°24'	+04°16'	+22°34'	-19°41'	-08°41'	-21°04'	-22°09'	+05°22'	+17°18'
Aug 8 1983	+16°18'	+07°43'	+02°57'	+21°48'	-19°44'	-08°50'	-21°04'	-22°09'	+05°16'	+17°19'
Aug 15 1983	+14°14'	+03°17'	+02°25'	+20°55'	-19°49'	-09°01'	-21°03'	-22°09'	+05°10'	+17°20'
Aug 22 1983	+11°58'	-00°32'	+02°46'	+19°55'	-19°56'	-09°13'	-21°04'	-22°09'	+05°03'	+17°19'
Aug 29 1983	+09°34'	-03°15'	+03°52'	+18°48'	-20°04'	-09°26'	-21°05'	-22°09'	+04°57'	+17°18'
Sep 5 1983	+07°01'	-04°02'	+05°22'	+17°35'	-20°13'	-09°41'	-21°06'	-22°10'	+04°50'	+17°17'
Sep 12 1983	+04°24'	-01°57'	+06°48'	+16°17'	-20°24'	-09°55'	-21°08'	-22°10'	+04°43'	+17°14'
Sep 19 1983	+01°42'	+02°20'	+07°53'	+14°55'	-20°35'	-10°11'	-21°10'	-22°10'	+04°36'	+17°12'
Sep 26 1983	-01°00'	+05°19'	+08°28'	+13°28'	-20°47'	-10°27'	-21°12'	-22°11'	+04°29'	+17°08'
Oct 3 1983	-03°43'	+04°37'	+08°31'	+11°58'	-21°00'	-10°44'	-21°15'	-22°11'	+04°22'	+17°04'
Oct 10 1983	-06°25'	+01°00'	+08°01'	+10°25'	-21°12'	-11°00'	-21°18'	-22°12'	+04°16'	+17°00'
Oct 17 1983	-09°02'	-03°53'	+07°02'	+08°50'	-21°25'	-11°17'	-21°22'	-22°12'	+04°09'	+16°55'
Oct 24 1983	-11°32'	-08°57'	+05°36'	+07°14'	-21°38'	-11°34'	-21°25'	-22°13'	+04°03'	+16°50'
Oct 31 1983	-13°54'	-13°40'	+03°47'	+05°36'	-21°50'	-11°51'	-21°29'	-22°13'	+03°58'	+16°45'
Nov 7 1983	-16°06'	-17°48'	+01°38'	+03°59'	-22°02'	-12°07'	-21°33'	-22°14'	+03°53'	+16°40'
Nov 14 1983	-18°04'	-21°13'	-00°45'	+02°21'	-22°13'	-12°23'	-21°37'	-22°14'	+03°49'	+16°34'
Nov 21 1983	-19°47'	-23°46'	-03°20'	+00°44'	-22°23'	-12°38'	-21°41'	-22°15'	+03°45'	+16°29'
Nov 28 1983	-21°12'	-25°21'	-06°01'	-00°51'	-22°33'	-12°53'	-21°45'	-22°15'	+03°42'	+16°23'
Dec 5 1983	-22°17'	-25°49'	-08°44'	-02°25'	-22°41'	-13°07'	-21°49'	-22°15'	+03°39'	+16°18'
Dec 12 1983	-23°02'	-25°08'	-11°25'	-03°57'	-22°48'	-13°20'	-21°53'	-22°16'	+03°37'	+16°14'
Dec 19 1983	-23°24'	-23°30'	-13°57'	-05°26'	-22°55'	-13°32'	-21°57'	-22°16'	+03°36'	+16°09'
Dec 26 1983	-23°23'	-21°38'	-16°17'	-06°53'	-23°00'	-13°43'	-22°00'	-22°16'	+03°36'	+16°06'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 1984	-22°59'	-20°22'	-18°20'	-08°15'	-23°03'	-13°52'	-22°04'	-22°16'	+03°36'	+16°03'
Jan 9 1984	-22°12'	-20°17'	-20°01'	-09°34'	-23°06'	-14°01'	-22°07'	-22°16'	+03°37'	+16°00'
Jan 16 1984	-21°05'	-21°10'	-21°17'	-10°48'	-23°08'	-14°08'	-22°10'	-22°16'	+03°39'	+15°59'
Jan 23 1984	-19°37'	-22°04'	-22°04'	-11°57'	-23°08'	-14°14'	-22°12'	-22°16'	+03°41'	+15°58'
Jan 30 1984	-17°52'	-22°24'	-22°21'	-13°01'	-23°08'	-14°18'	-22°15'	-22°16'	+03°44'	+15°58'
Feb 6 1984	-15°51'	-21°49'	-22°04'	-14°00'	-23°06'	-14°21'	-22°17'	-22°16'	+03°48'	+15°59'
Feb 13 1984	-13°37'	-20°14'	-21°16'	-14°54'	-23°04'	-14°23'	-22°19'	-22°16'	+03°52'	+16°00'

Feb 20 1984	-11°12'	-17°34'	-19°57'	-15°42'	-23°01'	-14°23'	-22°20'	-22°15'	+03°56'	+16°03'
Feb 27 1984	-08°38'	-13°48'	-18°10'	-16°25'	-22°58'	-14°22'	-22°21'	-22°15'	+04°01'	+16°06'
Mar 5 1984	-05°58'	-08°57'	-15°57'	-17°01'	-22°55'	-14°19'	-22°22'	-22°15'	+04°06'	+16°09'
Mar 12 1984	-03°14'	-03°06'	-13°22'	-17°33'	-22°51'	-14°15'	-22°22'	-22°15'	+04°11'	+16°13'
Mar 19 1984	-00°29'	+03°23'	-10°29'	-17°58'	-22°48'	-14°10'	-22°23'	-22°14'	+04°16'	+16°18'
Mar 26 1984	+02°16'	+09°37'	-07°22'	-18°19'	-22°44'	-14°03'	-22°22'	-22°14'	+04°21'	+16°23'
Apr 2 1984	+04°59'	+14°20'	-04°05'	-18°34'	-22°41'	-13°56'	-22°22'	-22°14'	+04°26'	+16°29'
Apr 9 1984	+07°38'	+16°34'	-00°42'	-18°43'	-22°39'	-13°48'	-22°21'	-22°14'	+04°31'	+16°34'
Apr 16 1984	+10°11'	+15°59'	+02°41'	-18°46'	-22°38'	-13°39'	-22°20'	-22°13'	+04°35'	+16°40'
Apr 23 1984	+12°35'	+13°07'	+06°04'	-18°42'	-22°37'	-13°30'	-22°19'	-22°13'	+04°39'	+16°46'
Apr 30 1984	+14°49'	+09°50'	+09°20'	-18°33'	-22°37'	-13°20'	-22°17'	-22°13'	+04°43'	+16°52'
May 7 1984	+16°51'	+07°59'	+12°26'	-18°17'	-22°38'	-13°11'	-22°16'	-22°13'	+04°45'	+16°58'
May 14 1984	+18°40'	+08°09'	+15°18'	-17°56'	-22°40'	-13°02'	-22°14'	-22°13'	+04°48'	+17°04'
May 21 1984	+20°13'	+09°59'	+17°51'	-17°34'	-22°43'	-12°54'	-22°12'	-22°13'	+04°49'	+17°09'
May 28 1984	+21°29'	+13°01'	+20°02'	-17°14'	-22°47'	-12°46'	-22°09'	-22°13'	+04°50'	+17°15'
Jun 4 1984	+22°27'	+16°44'	+21°46'	-16°59'	-22°51'	-12°39'	-22°07'	-22°13'	+04°50'	+17°20'
Jun 11 1984	+23°05'	+20°31'	+23°01'	-16°53'	-22°55'	-12°34'	-22°05'	-22°13'	+04°49'	+17°25'
Jun 18 1984	+23°24'	+23°30'	+23°43'	-16°56'	-23°00'	-12°30'	-22°03'	-22°13'	+04°48'	+17°29'
Jun 25 1984	+23°23'	+24°40'	+23°50'	-17°09'	-23°05'	-12°27'	-22°00'	-22°13'	+04°46'	+17°33'
Jul 2 1984	+23°01'	+23°37'	+23°24'	-17°33'	-23°09'	-12°25'	-21°58'	-22°13'	+04°43'	+17°36'
Jul 9 1984	+22°20'	+20°51'	+22°23'	-18°04'	-23°13'	-12°25'	-21°56'	-22°13'	+04°39'	+17°39'
Jul 16 1984	+21°20'	+17°06'	+20°50'	-18°43'	-23°16'	-12°27'	-21°55'	-22°13'	+04°35'	+17°41'
Jul 23 1984	+20°02'	+12°59'	+18°49'	-19°28'	-23°19'	-12°30'	-21°53'	-22°13'	+04°31'	+17°43'
Jul 30 1984	+18°28'	+08°57'	+16°21'	-20°15'	-23°22'	-12°35'	-21°52'	-22°14'	+04°26'	+17°45'
Aug 6 1984	+16°39'	+05°28'	+13°32'	-21°05'	-23°24'	-12°41'	-21°52'	-22°14'	+04°20'	+17°45'
Aug 13 1984	+14°37'	+03°09'	+10°25'	-21°55'	-23°25'	-12°48'	-21°51'	-22°14'	+04°14'	+17°46'
Aug 20 1984	+12°23'	+02°48'	+07°05'	-22°43'	-23°27'	-12°57'	-21°51'	-22°14'	+04°08'	+17°45'
Aug 27 1984	+10°00'	+04°59'	+03°35'	-23°28'	-23°28'	-13°07'	-21°52'	-22°15'	+04°01'	+17°44'
Sep 3 1984	+07°29'	+08°32'	+00°00'	-24°09'	-23°28'	-13°17'	-21°52'	-22°15'	+03°54'	+17°43'
Sep 10 1984	+04°52'	+10°44'	-03°35'	-24°43'	-23°29'	-13°29'	-21°53'	-22°15'	+03°47'	+17°41'
Sep 17 1984	+02°11'	+09°54'	-07°08'	-25°09'	-23°29'	-13°42'	-21°55'	-22°16'	+03°40'	+17°38'
Sep 24 1984	-00°31'	+06°21'	-10°34'	-25°27'	-23°29'	-13°55'	-21°57'	-22°16'	+03°33'	+17°35'
Oct 1 1984	-03°15'	+01°20'	-13°49'	-25°35'	-23°28'	-14°08'	-21°59'	-22°16'	+03°27'	+17°32'
Oct 8 1984	-05°56'	-04°01'	-16°48'	-25°32'	-23°27'	-14°22'	-22°01'	-22°17'	+03°20'	+17°28'
Oct 15 1984	-08°34'	-09°12'	-19°27'	-25°17'	-23°26'	-14°36'	-22°04'	-22°17'	+03°14'	+17°24'
Oct 22 1984	-11°06'	-13°54'	-21°41'	-24°51'	-23°23'	-14°51'	-22°07'	-22°17'	+03°08'	+17°19'
Oct 29 1984	-13°30'	-18°00'	-23°27'	-24°13'	-23°20'	-15°05'	-22°10'	-22°18'	+03°02'	+17°14'
Nov 5 1984	-15°43'	-21°22'	-24°42'	-23°23'	-23°16'	-15°19'	-22°13'	-22°18'	+02°57'	+17°10'
Nov 12 1984	-17°44'	-23°53'	-25°21'	-22°21'	-23°11'	-15°33'	-22°16'	-22°18'	+02°52'	+17°05'
Nov 19 1984	-19°29'	-25°23'	-25°25'	-21°08'	-23°04'	-15°47'	-22°19'	-22°19'	+02°48'	+17°00'
Nov 26 1984	-20°58'	-25°46'	-24°53'	-19°45'	-22°57'	-16°00'	-22°22'	-22°19'	+02°45'	+16°55'
Dec 3 1984	-22°07'	-24°58'	-23°45'	-18°12'	-22°48'	-16°12'	-22°26'	-22°19'	+02°42'	+16°50'
Dec 10 1984	-22°55'	-23°02'	-22°06'	-16°30'	-22°38'	-16°24'	-22°29'	-22°19'	+02°40'	+16°46'
Dec 17 1984	-23°21'	-20°33'	-19°58'	-14°41'	-22°26'	-16°35'	-22°32'	-22°19'	+02°39'	+16°42'
Dec 24 1984	-23°24'	-19°35'	-17°26'	-12°46'	-22°14'	-16°45'	-22°35'	-22°19'	+02°38'	+16°39'
Dec 31 1984	-23°05'	-20°32'	-14°33'	-10°45'	-22°00'	-16°55'	-22°38'	-22°19'	+02°38'	+16°36'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron

Jan 7 1985	-22°22'	-22°01'	-11°25'	-08°39'	-21°45'	-17°03'	-22°40'	-22°19'	+02°39'	+16°33'
Jan 14 1985	-21°18'	-23°06'	-08°07'	-06°31'	-21°28'	-17°11'	-22°43'	-22°18'	+02°40'	+16°32'
Jan 21 1985	-19°54'	-23°23'	-04°42'	-04°20'	-21°11'	-17°17'	-22°45'	-22°18'	+02°42'	+16°31'
Jan 28 1985	-18°12'	-22°41'	-01°16'	-02°09'	-20°53'	-17°23'	-22°47'	-22°18'	+02°45'	+16°31'
Feb 4 1985	-16°14'	-20°53'	+02°06'	+00°02'	-20°34'	-17°27'	-22°49'	-22°17'	+02°48'	+16°31'
Feb 11 1985	-14°02'	-17°56'	+05°21'	+02°13'	-20°14'	-17°30'	-22°50'	-22°17'	+02°52'	+16°33'
Feb 18 1985	-11°39'	-13°50'	+08°23'	+04°21'	-19°54'	-17°32'	-22°51'	-22°17'	+02°56'	+16°34'
Feb 25 1985	-09°06'	-08°36'	+11°05'	+06°27'	-19°33'	-17°33'	-22°52'	-22°16'	+03°00'	+16°37'
Mar 4 1985	-06°27'	-02°31'	+13°19'	+08°29'	-19°12'	-17°33'	-22°53'	-22°16'	+03°05'	+16°40'
Mar 11 1985	-03°44'	+03°38'	+14°54'	+10°27'	-18°52'	-17°31'	-22°54'	-22°15'	+03°10'	+16°44'
Mar 18 1985	-00°58'	+08°24'	+15°36'	+12°20'	-18°31'	-17°29'	-22°54'	-22°15'	+03°15'	+16°48'
Mar 25 1985	+01°47'	+10°23'	+15°10'	+14°06'	-18°12'	-17°26'	-22°54'	-22°15'	+03°20'	+16°52'
Apr 1 1985	+04°31'	+09°00'	+13°32'	+15°46'	-17°53'	-17°22'	-22°54'	-22°15'	+03°25'	+16°57'
Apr 8 1985	+07°10'	+05°32'	+11°02'	+17°18'	-17°35'	-17°17'	-22°54'	-22°14'	+03°30'	+17°02'
Apr 15 1985	+09°44'	+02°31'	+08°21'	+18°42'	-17°19'	-17°11'	-22°53'	-22°14'	+03°34'	+17°08'
Apr 22 1985	+12°10'	+01°27'	+06°10'	+19°58'	-17°04'	-17°04'	-22°53'	-22°14'	+03°38'	+17°13'
Apr 29 1985	+14°26'	+02°20'	+04°48'	+21°05'	-16°51'	-16°57'	-22°52'	-22°14'	+03°41'	+17°18'
May 6 1985	+16°31'	+04°46'	+04°17'	+22°02'	-16°40'	-16°50'	-22°50'	-22°14'	+03°44'	+17°23'
May 13 1985	+18°22'	+08°20'	+04°33'	+22°49'	-16°31'	-16°43'	-22°49'	-22°14'	+03°47'	+17°29'
May 20 1985	+19°57'	+12°39'	+05°25'	+23°27'	-16°25'	-16°36'	-22°48'	-22°14'	+03°49'	+17°34'
May 27 1985	+21°17'	+17°17'	+06°45'	+23°54'	-16°22'	-16°29'	-22°46'	-22°14'	+03°50'	+17°38'
Jun 3 1985	+22°18'	+21°32'	+08°25'	+24°11'	-16°22'	-16°22'	-22°44'	-22°14'	+03°50'	+17°43'
Jun 10 1985	+23°00'	+24°23'	+10°17'	+24°17'	-16°24'	-16°17'	-22°43'	-22°15'	+03°50'	+17°47'
Jun 17 1985	+23°22'	+25°04'	+12°15'	+24°13'	-16°29'	-16°11'	-22°41'	-22°15'	+03°49'	+17°50'
Jun 24 1985	+23°24'	+23°45'	+14°14'	+24°00'	-16°37'	-16°07'	-22°39'	-22°15'	+03°47'	+17°54'
Jul 1 1985	+23°06'	+21°06'	+16°08'	+23°37'	-16°47'	-16°04'	-22°37'	-22°15'	+03°44'	+17°56'
Jul 8 1985	+22°29'	+17°46'	+17°53'	+23°05'	-17°00'	-16°02'	-22°36'	-22°16'	+03°41'	+17°59'
Jul 15 1985	+21°32'	+14°21'	+19°23'	+22°24'	-17°14'	-16°01'	-22°34'	-22°16'	+03°37'	+18°01'
Jul 22 1985	+20°17'	+11°23'	+20°34'	+21°34'	-17°29'	-16°02'	-22°33'	-22°16'	+03°33'	+18°02'
Jul 29 1985	+18°46'	+09°31'	+21°23'	+20°37'	-17°45'	-16°03'	-22°32'	-22°16'	+03°28'	+18°03'
Aug 5 1985	+16°59'	+09°27'	+21°47'	+19°33'	-18°02'	-16°06'	-22°31'	-22°17'	+03°23'	+18°03'
Aug 12 1985	+14°59'	+11°18'	+21°44'	+18°22'	-18°17'	-16°11'	-22°31'	-22°17'	+03°17'	+18°03'
Aug 19 1985	+12°47'	+13°52'	+21°12'	+17°06'	-18°32'	-16°16'	-22°31'	-22°17'	+03°11'	+18°02'
Aug 26 1985	+10°26'	+15°23'	+20°11'	+15°44'	-18°46'	-16°22'	-22°31'	-22°18'	+03°04'	+18°01'
Sep 2 1985	+07°56'	+14°39'	+18°43'	+14°17'	-18°57'	-16°30'	-22°31'	-22°18'	+02°58'	+18°00'
Sep 9 1985	+05°20'	+11°27'	+16°48'	+12°46'	-19°06'	-16°38'	-22°32'	-22°18'	+02°51'	+17°58'
Sep 16 1985	+02°40'	+06°36'	+14°30'	+11°11'	-19°13'	-16°47'	-22°32'	-22°19'	+02°44'	+17°55'
Sep 23 1985	-00°02'	+01°08'	+11°52'	+09°33'	-19°18'	-16°57'	-22°34'	-22°19'	+02°37'	+17°52'
Sep 30 1985	-02°46'	-04°18'	+08°57'	+07°53'	-19°20'	-17°07'	-22°35'	-22°19'	+02°31'	+17°49'
Oct 7 1985	-05°28'	-09°25'	+05°48'	+06°11'	-19°19'	-17°17'	-22°37'	-22°20'	+02°24'	+17°45'
Oct 14 1985	-08°07'	-14°02'	+02°30'	+04°27'	-19°16'	-17°28'	-22°39'	-22°20'	+02°18'	+17°42'
Oct 21 1985	-10°40'	-18°02'	-00°52'	+02°42'	-19°11'	-17°40'	-22°41'	-22°20'	+02°12'	+17°38'
Oct 28 1985	-13°05'	-21°17'	-04°16'	+00°57'	-19°03'	-17°51'	-22°43'	-22°20'	+02°06'	+17°33'
Nov 4 1985	-15°21'	-23°37'	-07°37'	-00°47'	-18°53'	-18°02'	-22°45'	-22°20'	+02°01'	+17°29'
Nov 11 1985	-17°24'	-24°51'	-10°50'	-02°31'	-18°40'	-18°13'	-22°48'	-22°21'	+01°56'	+17°25'
Nov 18 1985	-19°12'	-24°37'	-13°51'	-04°14'	-18°25'	-18°24'	-22°50'	-22°21'	+01°52'	+17°20'
Nov 25 1985	-20°44'	-22°22'	-16°35'	-05°55'	-18°08'	-18°35'	-22°53'	-22°21'	+01°48'	+17°16'

Dec 2 1985	-21°56'	-18°42'	-18°58'	-07°35'	-17°49'	-18°45'	-22°55'	-22°20'	+01°45'	+17°12'
Dec 9 1985	-22°48'	-17°12'	-20°56'	-09°11'	-17°28'	-18°55'	-22°57'	-22°20'	+01°42'	+17°08'
Dec 16 1985	-23°18'	-18°27'	-22°23'	-10°44'	-17°05'	-19°04'	-23°00'	-22°20'	+01°41'	+17°05'
Dec 23 1985	-23°26'	-20°37'	-23°19'	-12°14'	-16°40'	-19°13'	-23°02'	-22°20'	+01°40'	+17°02'
Dec 30 1985	-23°10'	-22°34'	-23°39'	-13°39'	-16°14'	-19°21'	-23°04'	-22°19'	+01°39'	+17°00'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 1986	-22°31'	-23°48'	-23°23'	-15°00'	-15°46'	-19°28'	-23°06'	-22°19'	+01°40'	+16°58'
Jan 13 1986	-21°31'	-24°04'	-22°32'	-16°16'	-15°16'	-19°34'	-23°08'	-22°19'	+01°41'	+16°56'
Jan 20 1986	-20°11'	-23°16'	-21°07'	-17°26'	-14°45'	-19°40'	-23°09'	-22°18'	+01°43'	+16°55'
Jan 27 1986	-18°32'	-21°18'	-19°12'	-18°31'	-14°13'	-19°45'	-23°11'	-22°18'	+01°45'	+16°55'
Feb 3 1986	-16°36'	-18°06'	-16°49'	-19°29'	-13°40'	-19°49'	-23°12'	-22°17'	+01°48'	+16°56'
Feb 10 1986	-14°26'	-13°43'	-14°03'	-20°21'	-13°06'	-19°53'	-23°13'	-22°16'	+01°51'	+16°57'
Feb 17 1986	-12°05'	-08°18'	-10°59'	-21°07'	-12°32'	-19°55'	-23°14'	-22°16'	+01°55'	+16°58'
Feb 24 1986	-09°34'	-02°33'	-07°40'	-21°46'	-11°57'	-19°57'	-23°15'	-22°15'	+01°59'	+17°01'
Mar 3 1986	-06°56'	+01°58'	-04°12'	-22°19'	-11°21'	-19°58'	-23°16'	-22°15'	+02°04'	+17°03'
Mar 10 1986	-04°13'	+03°27'	-00°37'	-22°46'	-10°46'	-19°59'	-23°17'	-22°14'	+02°09'	+17°07'
Mar 17 1986	-01°28'	+01°21'	+02°57'	-23°07'	-10°10'	-19°58'	-23°17'	-22°14'	+02°13'	+17°10'
Mar 24 1986	+01°17'	-02°12'	+06°30'	-23°22'	-09°35'	-19°57'	-23°17'	-22°13'	+02°18'	+17°14'
Mar 31 1986	+04°02'	-04°32'	+09°55'	-23°32'	-09°00'	-19°55'	-23°17'	-22°13'	+02°23'	+17°19'
Apr 7 1986	+06°42'	-04°52'	+13°10'	-23°39'	-08°26'	-19°53'	-23°17'	-22°13'	+02°28'	+17°23'
Apr 14 1986	+09°17'	-03°27'	+16°09'	-23°42'	-07°54'	-19°50'	-23°17'	-22°13'	+02°32'	+17°28'
Apr 21 1986	+11°45'	-00°40'	+18°48'	-23°43'	-07°22'	-19°46'	-23°17'	-22°13'	+02°36'	+17°32'
Apr 28 1986	+14°03'	+03°11'	+21°03'	-23°43'	-06°52'	-19°42'	-23°16'	-22°13'	+02°40'	+17°37'
May 5 1986	+16°09'	+07°52'	+22°50'	-23°43'	-06°23'	-19°38'	-23°16'	-22°13'	+02°43'	+17°41'
May 12 1986	+18°03'	+13°05'	+24°06'	-23°46'	-05°56'	-19°33'	-23°15'	-22°13'	+02°45'	+17°46'
May 19 1986	+19°42'	+18°18'	+24°49'	-23°53'	-05°32'	-19°29'	-23°14'	-22°13'	+02°47'	+17°50'
May 26 1986	+21°04'	+22°37'	+24°56'	-24°05'	-05°10'	-19°24'	-23°13'	-22°13'	+02°49'	+17°53'
Jun 2 1986	+22°08'	+25°03'	+24°30'	-24°24'	-04°50'	-19°19'	-23°12'	-22°14'	+02°49'	+17°57'
Jun 9 1986	+22°54'	+25°21'	+23°29'	-24°51'	-04°34'	-19°14'	-23°11'	-22°14'	+02°49'	+18°00'
Jun 16 1986	+23°20'	+24°01'	+21°57'	-25°25'	-04°20'	-19°10'	-23°10'	-22°14'	+02°49'	+18°03'
Jun 23 1986	+23°25'	+21°43'	+19°57'	-26°05'	-04°10'	-19°06'	-23°08'	-22°15'	+02°47'	+18°05'
Jun 30 1986	+23°11'	+19°04'	+17°32'	-26°47'	-04°04'	-19°03'	-23°07'	-22°15'	+02°45'	+18°07'
Jul 7 1986	+22°37'	+16°41'	+14°46'	-27°28'	-04°01'	-19°00'	-23°06'	-22°16'	+02°42'	+18°09'
Jul 14 1986	+21°43'	+15°09'	+11°44'	-28°02'	-04°01'	-18°58'	-23°05'	-22°16'	+02°39'	+18°10'
Jul 21 1986	+20°31'	+14°59'	+08°29'	-28°27'	-04°06'	-18°57'	-23°04'	-22°17'	+02°35'	+18°10'
Jul 28 1986	+19°03'	+16°05'	+05°06'	-28°40'	-04°14'	-18°57'	-23°03'	-22°17'	+02°30'	+18°11'
Aug 4 1986	+17°19'	+17°44'	+01°38'	-28°42'	-04°26'	-18°58'	-23°02'	-22°18'	+02°25'	+18°10'
Aug 11 1986	+15°21'	+18°53'	-01°51'	-28°34'	-04°41'	-18°59'	-23°02'	-22°18'	+02°19'	+18°09'
Aug 18 1986	+13°11'	+18°32'	-05°18'	-28°19'	-04°59'	-19°02'	-23°01'	-22°18'	+02°14'	+18°08'
Aug 25 1986	+10°52'	+16°02'	-08°40'	-27°58'	-05°19'	-19°05'	-23°01'	-22°19'	+02°07'	+18°07'
Sep 1 1986	+08°23'	+11°40'	-11°52'	-27°30'	-05°40'	-19°10'	-23°01'	-22°19'	+02°01'	+18°04'
Sep 8 1986	+05°48'	+06°21'	-14°52'	-26°57'	-06°02'	-19°15'	-23°02'	-22°20'	+01°54'	+18°02'
Sep 15 1986	+03°08'	+00°50'	-17°36'	-26°18'	-06°24'	-19°21'	-23°02'	-22°20'	+01°48'	+17°59'
Sep 22 1986	+00°26'	-04°30'	-20°00'	-25°32'	-06°46'	-19°27'	-23°03'	-22°20'	+01°41'	+17°56'
Sep 29 1986	-02°17'	-09°28'	-21°59'	-24°39'	-07°05'	-19°34'	-23°04'	-22°20'	+01°34'	+17°53'
Oct 6 1986	-04°59'	-13°55'	-23°28'	-23°39'	-07°22'	-19°41'	-23°05'	-22°21'	+01°28'	+17°50'
Oct 13 1986	-07°39'	-17°42'	-24°20'	-22°32'	-07°37'	-19°49'	-23°06'	-22°21'	+01°21'	+17°46'

Oct 20 1986	-10°13'	-20°38'	-24°21'	-21°17'	-07°48'	-19°56'	-23°07'	-22°21'	+01°15'	+17°42'
Oct 27 1986	-12°40'	-22°25'	-23°22'	-19°54'	-07°55'	-20°04'	-23°09'	-22°21'	+01°09'	+17°39'
Nov 3 1986	-14°57'	-22°26'	-21°18'	-18°24'	-07°58'	-20°12'	-23°10'	-22°21'	+01°04'	+17°35'
Nov 10 1986	-17°03'	-19°42'	-18°32'	-16°48'	-07°58'	-20°20'	-23°12'	-22°21'	+00°59'	+17°31'
Nov 17 1986	-18°54'	-15°10'	-15°46'	-15°05'	-07°53'	-20°28'	-23°14'	-22°21'	+00°55'	+17°27'
Nov 24 1986	-20°29'	-13°29'	-13°39'	-13°17'	-07°45'	-20°35'	-23°15'	-22°21'	+00°51'	+17°24'
Dec 1 1986	-21°45'	-15°10'	-12°27'	-11°24'	-07°33'	-20°43'	-23°17'	-22°20'	+00°47'	+17°21'
Dec 8 1986	-22°41'	-18°02'	-12°08'	-09°27'	-07°18'	-20°49'	-23°19'	-22°20'	+00°45'	+17°17'
Dec 15 1986	-23°15'	-20°51'	-12°32'	-07°27'	-06°59'	-20°56'	-23°20'	-22°19'	+00°43'	+17°15'
Dec 22 1986	-23°26'	-23°02'	-13°27'	-05°24'	-06°37'	-21°02'	-23°22'	-22°19'	+00°42'	+17°12'
Dec 29 1986	-23°14'	-24°19'	-14°41'	-03°20'	-06°13'	-21°07'	-23°23'	-22°18'	+00°41'	+17°11'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 1987	-22°40'	-24°35'	-16°04'	-01°15'	-05°45'	-21°12'	-23°24'	-22°18'	+00°41'	+17°09'
Jan 12 1987	-21°43'	-23°41'	-17°27'	+00°48'	-05°16'	-21°17'	-23°25'	-22°17'	+00°42'	+17°08'
Jan 19 1987	-20°26'	-21°34'	-18°44'	+02°52'	-04°44'	-21°21'	-23°26'	-22°16'	+00°43'	+17°08'
Jan 26 1987	-18°50'	-18°11'	-19°47'	+04°54'	-04°11'	-21°24'	-23°27'	-22°15'	+00°45'	+17°08'
Feb 2 1987	-16°58'	-13°40'	-20°32'	+06°53'	-03°35'	-21°27'	-23°28'	-22°15'	+00°47'	+17°08'
Feb 9 1987	-14°50'	-08°37'	-20°54'	+08°50'	-02°59'	-21°29'	-23°29'	-22°14'	+00°51'	+17°10'
Feb 16 1987	-12°31'	-04°33'	-20°52'	+10°42'	-02°21'	-21°31'	-23°29'	-22°13'	+00°54'	+17°11'
Feb 23 1987	-10°01'	-03°35'	-20°22'	+12°30'	-01°42'	-21°32'	-23°30'	-22°12'	+00°58'	+17°14'
Mar 2 1987	-07°24'	-06°00'	-19°24'	+14°12'	-01°03'	-21°33'	-23°30'	-22°12'	+01°02'	+17°16'
Mar 9 1987	-04°42'	-09°06'	-18°00'	+15°48'	-00°23'	-21°34'	-23°31'	-22°11'	+01°07'	+17°19'
Mar 16 1987	-01°57'	-10°43'	-16°10'	+17°18'	+00°16'	-21°34'	-23°31'	-22°11'	+01°12'	+17°22'
Mar 23 1987	+00°48'	-10°34'	-13°58'	+18°41'	+00°57'	-21°34'	-23°31'	-22°10'	+01°16'	+17°26'
Mar 30 1987	+03°33'	-08°55'	-11°27'	+19°55'	+01°37'	-21°34'	-23°32'	-22°10'	+01°21'	+17°30'
Apr 6 1987	+06°14'	-06°02'	-08°40'	+21°02'	+02°17'	-21°33'	-23°32'	-22°10'	+01°26'	+17°33'
Apr 13 1987	+08°50'	-02°06'	-05°40'	+22°00'	+02°56'	-21°32'	-23°32'	-22°09'	+01°30'	+17°37'
Apr 20 1987	+11°19'	+02°42'	-02°31'	+22°49'	+03°35'	-21°31'	-23°32'	-22°09'	+01°34'	+17°41'
Apr 27 1987	+13°39'	+08°12'	+00°41'	+23°28'	+04°13'	-21°29'	-23°32'	-22°09'	+01°38'	+17°45'
May 4 1987	+15°48'	+14°03'	+03°56'	+23°58'	+04°50'	-21°27'	-23°31'	-22°09'	+01°41'	+17°49'
May 11 1987	+17°44'	+19°29'	+07°08'	+24°18'	+05°25'	-21°25'	-23°31'	-22°10'	+01°44'	+17°52'
May 18 1987	+19°25'	+23°28'	+10°13'	+24°28'	+05°59'	-21°23'	-23°31'	-22°10'	+01°46'	+17°55'
May 25 1987	+20°51'	+25°24'	+13°08'	+24°29'	+06°32'	-21°21'	-23°30'	-22°10'	+01°47'	+17°58'
Jun 1 1987	+21°58'	+25°30'	+15°49'	+24°20'	+07°03'	-21°19'	-23°30'	-22°11'	+01°48'	+18°00'
Jun 8 1987	+22°47'	+24°20'	+18°10'	+24°02'	+07°32'	-21°17'	-23°29'	-22°11'	+01°49'	+18°03'
Jun 15 1987	+23°17'	+22°30'	+20°10'	+23°34'	+07°59'	-21°14'	-23°29'	-22°12'	+01°48'	+18°04'
Jun 22 1987	+23°26'	+20°32'	+21°43'	+22°58'	+08°23'	-21°12'	-23°28'	-22°12'	+01°47'	+18°06'
Jun 29 1987	+23°15'	+18°59'	+22°47'	+22°13'	+08°45'	-21°10'	-23°28'	-22°13'	+01°45'	+18°06'
Jul 6 1987	+22°44'	+18°17'	+23°19'	+21°20'	+09°05'	-21°08'	-23°27'	-22°14'	+01°43'	+18°07'
Jul 13 1987	+21°54'	+18°37'	+23°17'	+20°20'	+09°22'	-21°07'	-23°26'	-22°14'	+01°40'	+18°07'
Jul 20 1987	+20°45'	+19°44'	+22°42'	+19°13'	+09°36'	-21°06'	-23°26'	-22°15'	+01°36'	+18°06'
Jul 27 1987	+19°20'	+20°57'	+21°35'	+18°00'	+09°47'	-21°05'	-23°25'	-22°16'	+01°32'	+18°05'
Aug 3 1987	+17°38'	+21°16'	+19°57'	+16°40'	+09°55'	-21°05'	-23°25'	-22°16'	+01°27'	+18°04'
Aug 10 1987	+15°43'	+19°46'	+17°50'	+15°16'	+10°00'	-21°06'	-23°24'	-22°17'	+01°21'	+18°02'
Aug 17 1987	+13°35'	+16°15'	+15°19'	+13°46'	+10°01'	-21°07'	-23°24'	-22°17'	+01°16'	+17°59'
Aug 24 1987	+11°17'	+11°25'	+12°28'	+12°13'	+09°59'	-21°08'	-23°24'	-22°18'	+01°10'	+17°57'
Aug 31 1987	+08°50'	+06°03'	+09°19'	+10°35'	+09°54'	-21°10'	-23°23'	-22°18'	+01°04'	+17°54'

Sep 7 1987	+06°16'	+00°39'	+05°59'	+08°54'	+09°45'	-21°13'	-23°23'	-22°19'	+00°57'	+17°51'
Sep 14 1987	+03°37'	-04°28'	+02°30'	+07°11'	+09°34'	-21°16'	-23°24'	-22°19'	+00°51'	+17°48'
Sep 21 1987	+00°55'	-09°11'	-01°03'	+05°26'	+09°19'	-21°19'	-23°24'	-22°19'	+00°44'	+17°44'
Sep 28 1987	-01°48'	-13°18'	-04°36'	+03°39'	+09°02'	-21°23'	-23°24'	-22°19'	+00°37'	+17°40'
Oct 5 1987	-04°31'	-16°35'	-08°05'	+01°51'	+08°43'	-21°27'	-23°25'	-22°20'	+00°31'	+17°37'
Oct 12 1987	-07°11'	-18°37'	-11°26'	+00°02'	+08°23'	-21°32'	-23°26'	-22°20'	+00°25'	+17°33'
Oct 19 1987	-09°46'	-18°34'	-14°33'	-01°46'	+08°03'	-21°36'	-23°26'	-22°20'	+00°18'	+17°29'
Oct 26 1987	-12°15'	-15°16'	-17°23'	-03°34'	+07°43'	-21°41'	-23°27'	-22°20'	+00°13'	+17°25'
Nov 2 1987	-14°34'	-10°22'	-19°51'	-05°21'	+07°24'	-21°45'	-23°28'	-22°20'	+00°07'	+17°22'
Nov 9 1987	-16°41'	-08°48'	-21°53'	-07°07'	+07°06'	-21°49'	-23°29'	-22°19'	+00°02'	+17°19'
Nov 16 1987	-18°35'	-10°55'	-23°24'	-08°51'	+06°52'	-21°54'	-23°30'	-22°19'	-00°01'	+17°15'
Nov 23 1987	-20°13'	-14°28'	-24°21'	-10°31'	+06°40'	-21°58'	-23°31'	-22°19'	-00°06'	+17°13'
Nov 30 1987	-21°33'	-18°04'	-24°42'	-12°09'	+06°32'	-22°02'	-23°32'	-22°18'	-00°09'	+17°10'
Dec 7 1987	-22°32'	-21°09'	-24°27'	-13°42'	+06°27'	-22°05'	-23°32'	-22°18'	-00°12'	+17°08'
Dec 14 1987	-23°10'	-23°26'	-23°35'	-15°11'	+06°27'	-22°08'	-23°33'	-22°17'	-00°14'	+17°06'
Dec 21 1987	-23°26'	-24°46'	-22°09'	-16°34'	+06°30'	-22°11'	-23°34'	-22°16'	-00°16'	+17°04'
Dec 28 1987	-23°18'	-25°00'	-20°11'	-17°52'	+06°37'	-22°13'	-23°34'	-22°15'	-00°17'	+17°03'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 1988	-22°48'	-24°01'	-17°45'	-19°03'	+06°48'	-22°15'	-23°35'	-22°14'	-00°17'	+17°03'
Jan 11 1988	-21°55'	-21°47'	-14°56'	-20°08'	+07°02'	-22°17'	-23°35'	-22°14'	-00°17'	+17°03'
Jan 18 1988	-20°41'	-18°22'	-11°48'	-21°04'	+07°19'	-22°18'	-23°36'	-22°13'	-00°16'	+17°03'
Jan 25 1988	-19°09'	-14°13'	-08°25'	-21°52'	+07°39'	-22°19'	-23°36'	-22°12'	-00°14'	+17°04'
Feb 1 1988	-17°19'	-10°45'	-04°52'	-22°32'	+08°02'	-22°19'	-23°36'	-22°11'	-00°12'	+17°05'
Feb 8 1988	-15°14'	-10°06'	-01°13'	-23°03'	+08°27'	-22°19'	-23°36'	-22°10'	-00°09'	+17°07'
Feb 15 1988	-12°56'	-12°16'	+02°26'	-23°24'	+08°54'	-22°19'	-23°37'	-22°09'	-00°06'	+17°09'
Feb 22 1988	-10°28'	-14°37'	+06°04'	-23°35'	+09°23'	-22°19'	-23°37'	-22°08'	-00°02'	+17°11'
Feb 29 1988	-07°53'	-15°40'	+09°35'	-23°37'	+09°53'	-22°18'	-23°37'	-22°07'	+00°01'	+17°14'
Mar 7 1988	-05°11'	-15°20'	+12°57'	-23°30'	+10°24'	-22°18'	-23°37'	-22°06'	+00°05'	+17°17'
Mar 14 1988	-02°26'	-13°45'	+16°04'	-23°12'	+10°56'	-22°17'	-23°37'	-22°05'	+00°10'	+17°20'
Mar 21 1988	+00°19'	-11°02'	+18°54'	-22°46'	+11°29'	-22°17'	-23°37'	-22°05'	+00°14'	+17°23'
Mar 28 1988	+03°04'	-07°17'	+21°23'	-22°10'	+12°01'	-22°16'	-23°37'	-22°04'	+00°19'	+17°26'
Apr 4 1988	+05°46'	-02°35'	+23°30'	-21°27'	+12°34'	-22°16'	-23°37'	-22°04'	+00°23'	+17°30'
Apr 11 1988	+08°23'	+02°56'	+25°11'	-20°35'	+13°07'	-22°16'	-23°37'	-22°04'	+00°28'	+17°33'
Apr 18 1988	+10°53'	+09°04'	+26°26'	-19°36'	+13°39'	-22°15'	-23°38'	-22°04'	+00°32'	+17°36'
Apr 25 1988	+13°15'	+15°14'	+27°16'	-18°30'	+14°11'	-22°15'	-23°38'	-22°04'	+00°35'	+17°39'
May 2 1988	+15°26'	+20°27'	+27°40'	-17°19'	+14°42'	-22°15'	-23°38'	-22°04'	+00°39'	+17°42'
May 9 1988	+17°24'	+23°49'	+27°42'	-16°03'	+15°13'	-22°15'	-23°38'	-22°04'	+00°42'	+17°44'
May 16 1988	+19°08'	+25°14'	+27°22'	-14°44'	+15°42'	-22°16'	-23°38'	-22°05'	+00°44'	+17°46'
May 23 1988	+20°37'	+25°05'	+26°40'	-13°22'	+16°10'	-22°16'	-23°38'	-22°05'	+00°46'	+17°48'
May 30 1988	+21°48'	+23°49'	+25°36'	-11°58'	+16°37'	-22°16'	-23°38'	-22°06'	+00°47'	+17°49'
Jun 6 1988	+22°40'	+21°53'	+24°08'	-10°33'	+17°03'	-22°17'	-23°38'	-22°06'	+00°47'	+17°50'
Jun 13 1988	+23°13'	+19°52'	+22°19'	-09°09'	+17°28'	-22°17'	-23°38'	-22°07'	+00°47'	+17°50'
Jun 20 1988	+23°26'	+18°35'	+20°27'	-07°47'	+17°50'	-22°17'	-23°38'	-22°08'	+00°46'	+17°50'
Jun 27 1988	+23°18'	+18°34'	+18°58'	-06°28'	+18°12'	-22°18'	-23°38'	-22°08'	+00°45'	+17°50'
Jul 4 1988	+22°51'	+19°43'	+18°03'	-05°13'	+18°32'	-22°18'	-23°38'	-22°09'	+00°43'	+17°48'
Jul 11 1988	+22°04'	+21°23'	+17°45'	-04°04'	+18°50'	-22°19'	-23°38'	-22°10'	+00°40'	+17°47'
Jul 18 1988	+20°59'	+22°38'	+17°54'	-03°01'	+19°06'	-22°19'	-23°38'	-22°11'	+00°36'	+17°45'

Jul 25 1988	+19°36'	+22°24'	+18°19'	-02°07'	+19°21'	-22°19'	-23°38'	-22°12'	+00°32'	+17°42'
Aug 1 1988	+17°57'	+20°05'	+18°50'	-01°23'	+19°34'	-22°20'	-23°38'	-22°12'	+00°28'	+17°39'
Aug 8 1988	+16°04'	+16°03'	+19°18'	-00°49'	+19°45'	-22°21'	-23°37'	-22°13'	+00°23'	+17°36'
Aug 15 1988	+13°59'	+11°08'	+19°36'	-00°27'	+19°55'	-22°21'	-23°37'	-22°14'	+00°18'	+17°32'
Aug 22 1988	+11°42'	+05°55'	+19°38'	-00°18'	+20°03'	-22°22'	-23°37'	-22°14'	+00°12'	+17°28'
Aug 29 1988	+09°17'	+00°47'	+19°21'	-00°21'	+20°10'	-22°24'	-23°37'	-22°15'	+00°06'	+17°24'
Sep 5 1988	+06°44'	-04°00'	+18°42'	-00°35'	+20°14'	-22°25'	-23°37'	-22°16'	+00°00'	+17°20'
Sep 12 1988	+04°05'	-08°15'	+17°39'	-01°00'	+20°18'	-22°26'	-23°37'	-22°16'	-00°06'	+17°15'
Sep 19 1988	+01°24'	-11°39'	+16°12'	-01°29'	+20°19'	-22°28'	-23°37'	-22°16'	-00°12'	+17°10'
Sep 26 1988	-01°19'	-13°40'	+14°21'	-01°59'	+20°19'	-22°29'	-23°37'	-22°16'	-00°19'	+17°06'
Oct 3 1988	-04°02'	-13°18'	+12°10'	-02°23'	+20°17'	-22°31'	-23°37'	-22°17'	-00°25'	+17°01'
Oct 10 1988	-06°43'	-09°33'	+09°40'	-02°37'	+20°14'	-22°32'	-23°37'	-22°17'	-00°31'	+16°57'
Oct 17 1988	-09°19'	-04°44'	+06°54'	-02°39'	+20°08'	-22°34'	-23°38'	-22°17'	-00°37'	+16°52'
Oct 24 1988	-11°49'	-03°30'	+03°56'	-02°26'	+20°02'	-22°35'	-23°38'	-22°17'	-00°43'	+16°48'
Oct 31 1988	-14°10'	-06°01'	+00°49'	-01°58'	+19°54'	-22°37'	-23°38'	-22°16'	-00°49'	+16°45'
Nov 7 1988	-16°20'	-10°07'	-02°22'	-01°18'	+19°45'	-22°38'	-23°38'	-22°16'	-00°54'	+16°41'
Nov 14 1988	-18°16'	-14°25'	-05°35'	-00°27'	+19°35'	-22°39'	-23°39'	-22°15'	-00°59'	+16°39'
Nov 21 1988	-19°57'	-18°18'	-08°44'	+00°33'	+19°24'	-22°39'	-23°39'	-22°15'	-01°03'	+16°36'
Nov 28 1988	-21°20'	-21°29'	-11°45'	+01°42'	+19°13'	-22°40'	-23°39'	-22°14'	-01°06'	+16°34'
Dec 5 1988	-22°23'	-23°49'	-14°33'	+02°58'	+19°03'	-22°40'	-23°39'	-22°13'	-01°10'	+16°33'
Dec 12 1988	-23°05'	-25°08'	-17°05'	+04°19'	+18°53'	-22°39'	-23°39'	-22°13'	-01°12'	+16°32'
Dec 19 1988	-23°25'	-25°21'	-19°15'	+05°43'	+18°44'	-22°38'	-23°39'	-22°12'	-01°14'	+16°31'
Dec 26 1988	-23°21'	-24°19'	-20°59'	+07°10'	+18°37'	-22°37'	-23°39'	-22°11'	-01°15'	+16°31'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 1989	-22°55'	-22°06'	-22°14'	+08°39'	+18°32'	-22°36'	-23°38'	-22°09'	-01°16'	+16°32'
Jan 9 1989	-22°06'	-19°00'	-22°57'	+10°08'	+18°29'	-22°34'	-23°38'	-22°08'	-01°16'	+16°33'
Jan 16 1989	-20°56'	-16°12'	-23°05'	+11°37'	+18°28'	-22°32'	-23°38'	-22°07'	-01°15'	+16°34'
Jan 23 1989	-19°26'	-15°31'	-22°39'	+13°05'	+18°30'	-22°29'	-23°37'	-22°06'	-01°14'	+16°36'
Jan 30 1989	-17°39'	-16°54'	-21°39'	+14°31'	+18°33'	-22°26'	-23°37'	-22°05'	-01°12'	+16°38'
Feb 6 1989	-15°37'	-18°26'	-20°07'	+15°54'	+18°40'	-22°24'	-23°36'	-22°03'	-01°09'	+16°41'
Feb 13 1989	-13°21'	-19°14'	-18°06'	+17°13'	+18°48'	-22°21'	-23°36'	-22°02'	-01°06'	+16°44'
Feb 20 1989	-10°55'	-19°02'	-15°40'	+18°28'	+18°58'	-22°18'	-23°36'	-22°01'	-01°03'	+16°47'
Feb 27 1989	-08°21'	-17°47'	-12°52'	+19°38'	+19°10'	-22°15'	-23°35'	-22°00'	-00°59'	+16°50'
Mar 6 1989	-05°40'	-15°28'	-09°48'	+20°42'	+19°23'	-22°12'	-23°35'	-21°59'	-00°55'	+16°53'
Mar 13 1989	-02°56'	-12°07'	-06°30'	+21°39'	+19°37'	-22°10'	-23°35'	-21°58'	-00°51'	+16°57'
Mar 20 1989	-00°10'	-07°45'	-03°04'	+22°30'	+19°52'	-22°07'	-23°34'	-21°58'	-00°47'	+17°00'
Mar 27 1989	+02°34'	-02°27'	+00°25'	+23°13'	+20°07'	-22°05'	-23°34'	-21°57'	-00°42'	+17°03'
Apr 3 1989	+05°17'	+03°39'	+03°56'	+23°49'	+20°23'	-22°04'	-23°34'	-21°57'	-00°38'	+17°06'
Apr 10 1989	+07°56'	+10°10'	+07°22'	+24°17'	+20°39'	-22°03'	-23°34'	-21°56'	-00°34'	+17°09'
Apr 17 1989	+10°27'	+16°11'	+10°41'	+24°36'	+20°54'	-22°02'	-23°35'	-21°56'	-00°30'	+17°12'
Apr 24 1989	+12°51'	+20°38'	+13°47'	+24°46'	+21°10'	-22°02'	-23°35'	-21°56'	-00°26'	+17°14'
May 1 1989	+15°03'	+23°04'	+16°37'	+24°48'	+21°25'	-22°03'	-23°35'	-21°56'	-00°23'	+17°16'
May 8 1989	+17°04'	+23°33'	+19°06'	+24°41'	+21°39'	-22°04'	-23°36'	-21°57'	-00°20'	+17°17'
May 15 1989	+18°51'	+22°20'	+21°10'	+24°25'	+21°52'	-22°05'	-23°36'	-21°57'	-00°17'	+17°18'
May 22 1989	+20°22'	+19°54'	+22°46'	+24°00'	+22°05'	-22°07'	-23°37'	-21°58'	-00°15'	+17°19'
May 29 1989	+21°36'	+17°20'	+23°50'	+23°28'	+22°16'	-22°09'	-23°37'	-21°58'	-00°14'	+17°18'
Jun 5 1989	+22°32'	+15°55'	+24°20'	+22°47'	+22°26'	-22°12'	-23°38'	-21°59'	-00°13'	+17°18'



Jun 12 1989	+23°08'	+16°11'	+24°15'	+21°58'	+22°35'	-22°15'	-23°39'	-22°00'	-00°13'	+17°17'
Jun 19 1989	+23°25'	+17°49'	+23°35'	+21°02'	+22°43'	-22°17'	-23°39'	-22°01'	-00°14'	+17°15'
Jun 26 1989	+23°21'	+20°11'	+22°21'	+19°59'	+22°50'	-22°21'	-23°40'	-22°02'	-00°15'	+17°12'
Jul 3 1989	+22°57'	+22°29'	+20°37'	+18°49'	+22°55'	-22°24'	-23°40'	-22°03'	-00°17'	+17°10'
Jul 10 1989	+22°14'	+23°40'	+18°24'	+17°34'	+23°00'	-22°27'	-23°41'	-22°04'	-00°19'	+17°06'
Jul 17 1989	+21°12'	+22°51'	+15°47'	+16°12'	+23°03'	-22°30'	-23°41'	-22°05'	-00°22'	+17°02'
Jul 24 1989	+19°52'	+20°01'	+12°51'	+14°46'	+23°05'	-22°32'	-23°41'	-22°06'	-00°26'	+16°57'
Jul 31 1989	+18°16'	+15°51'	+09°38'	+13°15'	+23°06'	-22°35'	-23°41'	-22°07'	-00°30'	+16°53'
Aug 7 1989	+16°25'	+11°04'	+06°14'	+11°40'	+23°06'	-22°37'	-23°42'	-22°08'	-00°35'	+16°47'
Aug 14 1989	+14°22'	+06°10'	+02°42'	+10°01'	+23°05'	-22°39'	-23°42'	-22°08'	-00°40'	+16°41'
Aug 21 1989	+12°07'	+01°27'	-00°54'	+08°19'	+23°03'	-22°41'	-23°42'	-22°09'	-00°45'	+16°35'
Aug 28 1989	+09°43'	-02°43'	-04°30'	+06°34'	+23°01'	-22°42'	-23°42'	-22°10'	-00°51'	+16°29'
Sep 4 1989	+07°11'	-06°02'	-08°03'	+04°47'	+22°59'	-22°44'	-23°42'	-22°10'	-00°57'	+16°23'
Sep 11 1989	+04°34'	-07°47'	-11°28'	+02°58'	+22°56'	-22°45'	-23°42'	-22°11'	-01°03'	+16°16'
Sep 18 1989	+01°52'	-06°58'	-14°41'	+01°08'	+22°53'	-22°46'	-23°42'	-22°11'	-01°10'	+16°10'
Sep 25 1989	-00°50'	-03°02'	-17°40'	-00°41'	+22°50'	-22°46'	-23°42'	-22°11'	-01°16'	+16°04'
Oct 2 1989	-03°33'	+01°14'	-20°19'	-02°32'	+22°48'	-22°46'	-23°42'	-22°12'	-01°22'	+15°57'
Oct 9 1989	-06°15'	+02°02'	-22°35'	-04°22'	+22°46'	-22°46'	-23°41'	-22°12'	-01°28'	+15°52'
Oct 16 1989	-08°52'	-00°43'	-24°25'	-06°12'	+22°45'	-22°46'	-23°41'	-22°12'	-01°34'	+15°46'
Oct 23 1989	-11°23'	-05°13'	-25°46'	-07°59'	+22°45'	-22°45'	-23°41'	-22°11'	-01°40'	+15°41'
Oct 30 1989	-13°46'	-10°04'	-26°37'	-09°45'	+22°45'	-22°44'	-23°41'	-22°11'	-01°46'	+15°37'
Nov 6 1989	-15°58'	-14°37'	-26°56'	-11°27'	+22°46'	-22°42'	-23°40'	-22°11'	-01°51'	+15°33'
Nov 13 1989	-17°57'	-18°35'	-26°44'	-13°06'	+22°48'	-22°40'	-23°40'	-22°10'	-01°56'	+15°29'
Nov 20 1989	-19°40'	-21°48'	-26°05'	-14°41'	+22°51'	-22°38'	-23°39'	-22°09'	-02°00'	+15°27'
Nov 27 1989	-21°07'	-24°08'	-25°01'	-16°11'	+22°54'	-22°35'	-23°39'	-22°08'	-02°04'	+15°25'
Dec 4 1989	-22°14'	-25°27'	-23°37'	-17°34'	+22°58'	-22°31'	-23°38'	-22°07'	-02°07'	+15°24'
Dec 11 1989	-22°59'	-25°38'	-21°59'	-18°52'	+23°02'	-22°28'	-23°37'	-22°06'	-02°10'	+15°23'
Dec 18 1989	-23°23'	-24°38'	-20°14'	-20°02'	+23°06'	-22°23'	-23°37'	-22°05'	-02°12'	+15°24'
Dec 25 1989	-23°23'	-22°39'	-18°30'	-21°03'	+23°09'	-22°19'	-23°36'	-22°04'	-02°13'	+15°25'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 1990	-23°01'	-20°27'	-16°56'	-21°56'	+23°13'	-22°14'	-23°35'	-22°03'	-02°14'	+15°27'
Jan 8 1990	-22°16'	-19°21'	-15°38'	-22°40'	+23°16'	-22°08'	-23°34'	-22°01'	-02°15'	+15°29'
Jan 15 1990	-21°10'	-19°34'	-14°45'	-23°13'	+23°18'	-22°02'	-23°32'	-22°00'	-02°14'	+15°32'
Jan 22 1990	-19°44'	-20°28'	-14°17'	-23°36'	+23°20'	-21°56'	-23°31'	-21°58'	-02°13'	+15°35'
Jan 29 1990	-18°00'	-21°18'	-14°14'	-23°47'	+23°22'	-21°50'	-23°30'	-21°57'	-02°12'	+15°39'
Feb 5 1990	-16°00'	-21°31'	-14°30'	-23°47'	+23°23'	-21°44'	-23°29'	-21°56'	-02°09'	+15°43'
Feb 12 1990	-13°46'	-20°50'	-14°54'	-23°36'	+23°25'	-21°38'	-23°28'	-21°54'	-02°07'	+15°47'
Feb 19 1990	-11°22'	-19°08'	-15°18'	-23°13'	+23°26'	-21°32'	-23°27'	-21°53'	-02°04'	+15°52'
Feb 26 1990	-08°49'	-16°24'	-15°32'	-22°39'	+23°27'	-21°26'	-23°26'	-21°52'	-02°00'	+15°56'
Mar 5 1990	-06°09'	-12°35'	-15°30'	-21°53'	+23°27'	-21°20'	-23°25'	-21°50'	-01°57'	+16°00'
Mar 12 1990	-03°25'	-07°44'	-15°09'	-20°57'	+23°28'	-21°14'	-23°24'	-21°49'	-01°53'	+16°04'
Mar 19 1990	-00°39'	-01°55'	-14°25'	-19°50'	+23°29'	-21°09'	-23°24'	-21°49'	-01°49'	+16°08'
Mar 26 1990	+02°05'	+04°34'	-13°19'	-18°35'	+23°29'	-21°05'	-23°23'	-21°48'	-01°44'	+16°12'
Apr 2 1990	+04°49'	+10°59'	-11°49'	-17°10'	+23°29'	-21°01'	-23°23'	-21°47'	-01°40'	+16°15'
Apr 9 1990	+07°28'	+16°08'	-09°59'	-15°38'	+23°28'	-20°58'	-23°23'	-21°47'	-01°36'	+16°18'
Apr 16 1990	+10°01'	+19°07'	-07°49'	-13°59'	+23°27'	-20°56'	-23°23'	-21°47'	-01°32'	+16°20'
Apr 23 1990	+12°26'	+19°40'	-05°24'	-12°14'	+23°25'	-20°54'	-23°24'	-21°47'	-01°28'	+16°22'

Apr 30 1990	+14°41'	+17°54'	-02°46'	-10°24'	+23°23'	-20°54'	-23°24'	-21°47'	-01°25'	+16°23'
May 7 1990	+16°44'	+14°47'	-00°00'	-08°30'	+23°19'	-20°54'	-23°25'	-21°47'	-01°22'	+16°24'
May 14 1990	+18°33'	+12°06'	+02°52'	-06°34'	+23°15'	-20°55'	-23°26'	-21°47'	-01°19'	+16°24'
May 21 1990	+20°07'	+11°11'	+05°46'	-04°35'	+23°09'	-20°57'	-23°26'	-21°48'	-01°17'	+16°23'
May 28 1990	+21°24'	+12°06'	+08°39'	-02°36'	+23°03'	-21°00'	-23°27'	-21°49'	-01°16'	+16°22'
Jun 4 1990	+22°24'	+14°25'	+11°25'	-00°36'	+22°55'	-21°04'	-23°28'	-21°50'	-01°15'	+16°20'
Jun 11 1990	+23°03'	+17°33'	+14°02'	+01°21'	+22°46'	-21°08'	-23°30'	-21°51'	-01°14'	+16°17'
Jun 18 1990	+23°23'	+20°52'	+16°25'	+03°17'	+22°36'	-21°13'	-23°31'	-21°52'	-01°15'	+16°13'
Jun 25 1990	+23°23'	+23°28'	+18°31'	+05°10'	+22°25'	-21°18'	-23°32'	-21°53'	-01°16'	+16°09'
Jul 2 1990	+23°03'	+24°20'	+20°15'	+06°59'	+22°13'	-21°23'	-23°33'	-21°54'	-01°17'	+16°04'
Jul 9 1990	+22°23'	+23°00'	+21°34'	+08°43'	+21°59'	-21°29'	-23°34'	-21°55'	-01°19'	+15°58'
Jul 16 1990	+21°24'	+19°56'	+22°25'	+10°22'	+21°45'	-21°35'	-23°35'	-21°56'	-01°22'	+15°52'
Jul 23 1990	+20°07'	+15°52'	+22°46'	+11°55'	+21°29'	-21°40'	-23°36'	-21°57'	-01°26'	+15°45'
Jul 30 1990	+18°34'	+11°26'	+22°35'	+13°21'	+21°13'	-21°45'	-23°36'	-21°59'	-01°29'	+15°37'
Aug 6 1990	+16°46'	+07°02'	+21°52'	+14°40'	+20°56'	-21°50'	-23°37'	-22°00'	-01°34'	+15°30'
Aug 13 1990	+14°45'	+03°05'	+20°39'	+15°53'	+20°39'	-21°55'	-23°37'	-22°01'	-01°39'	+15°21'
Aug 20 1990	+12°32'	+00°04'	+18°56'	+16°57'	+20°20'	-21°59'	-23°38'	-22°02'	-01°44'	+15°13'
Aug 27 1990	+10°09'	-01°16'	+16°46'	+17°55'	+20°02'	-22°02'	-23°38'	-22°02'	-01°49'	+15°04'
Sep 3 1990	+07°38'	-00°03'	+14°14'	+18°45'	+19°44'	-22°05'	-23°38'	-22°03'	-01°55'	+14°55'
Sep 10 1990	+05°02'	+03°39'	+11°22'	+19°29'	+19°25'	-22°07'	-23°38'	-22°04'	-02°01'	+14°46'
Sep 17 1990	+02°21'	+07°06'	+08°14'	+20°07'	+19°07'	-22°08'	-23°38'	-22°04'	-02°07'	+14°37'
Sep 24 1990	-00°21'	+07°30'	+04°54'	+20°40'	+18°49'	-22°09'	-23°38'	-22°04'	-02°13'	+14°28'
Oct 1 1990	-03°04'	+04°40'	+01°28'	+21°08'	+18°33'	-22°09'	-23°38'	-22°05'	-02°19'	+14°19'
Oct 8 1990	-05°46'	-00°00'	-02°01'	+21°32'	+18°17'	-22°09'	-23°37'	-22°05'	-02°25'	+14°11'
Oct 15 1990	-08°24'	-05°14'	-05°30'	+21°53'	+18°02'	-22°07'	-23°37'	-22°05'	-02°31'	+14°04'
Oct 22 1990	-10°57'	-10°17'	-08°54'	+22°12'	+17°49'	-22°06'	-23°36'	-22°04'	-02°37'	+13°56'
Oct 29 1990	-13°21'	-14°53'	-12°08'	+22°27'	+17°38'	-22°03'	-23°36'	-22°04'	-02°43'	+13°50'
Nov 5 1990	-15°35'	-18°50'	-15°08'	+22°39'	+17°29'	-22°00'	-23°35'	-22°03'	-02°48'	+13°45'
Nov 12 1990	-17°37'	-22°02'	-17°49'	+22°45'	+17°22'	-21°55'	-23°34'	-22°03'	-02°53'	+13°40'
Nov 19 1990	-19°23'	-24°20'	-20°07'	+22°45'	+17°18'	-21°51'	-23°33'	-22°02'	-02°57'	+13°36'
Nov 26 1990	-20°53'	-25°37'	-21°57'	+22°39'	+17°16'	-21°45'	-23°32'	-22°01'	-03°01'	+13°34'
Dec 3 1990	-22°03'	-25°47'	-23°16'	+22°29'	+17°18'	-21°39'	-23°30'	-22°00'	-03°04'	+13°32'
Dec 10 1990	-22°53'	-24°50'	-24°00'	+22°16'	+17°22'	-21°33'	-23°29'	-21°58'	-03°07'	+13°32'
Dec 17 1990	-23°20'	-23°07'	-24°08'	+22°04'	+17°29'	-21°26'	-23°27'	-21°57'	-03°10'	+13°32'
Dec 24 1990	-23°25'	-21°13'	-23°40'	+21°57'	+17°38'	-21°18'	-23°26'	-21°56'	-03°11'	+13°34'
Dec 31 1990	-23°07'	-20°11'	-22°36'	+21°56'	+17°49'	-21°10'	-23°24'	-21°54'	-03°13'	+13°37'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 1991	-22°26'	-20°43'	-20°58'	+22°01'	+18°03'	-21°01'	-23°22'	-21°52'	-03°13'	+13°40'
Jan 14 1991	-21°23'	-21°52'	-18°51'	+22°12'	+18°17'	-20°52'	-23°20'	-21°51'	-03°13'	+13°45'
Jan 21 1991	-20°00'	-22°43'	-16°17'	+22°29'	+18°33'	-20°42'	-23°18'	-21°49'	-03°12'	+13°50'
Jan 28 1991	-18°19'	-22°48'	-13°21'	+22°50'	+18°49'	-20°33'	-23°16'	-21°47'	-03°11'	+13°55'
Feb 4 1991	-16°22'	-21°54'	-10°08'	+23°13'	+19°04'	-20°23'	-23°15'	-21°46'	-03°09'	+14°01'
Feb 11 1991	-14°11'	-19°56'	-06°42'	+23°37'	+19°18'	-20°13'	-23°13'	-21°44'	-03°07'	+14°08'
Feb 18 1991	-11°48'	-16°52'	-03°08'	+24°01'	+19°31'	-20°04'	-23°11'	-21°43'	-03°04'	+14°14'
Feb 25 1991	-09°16'	-12°40'	+00°30'	+24°24'	+19°43'	-19°54'	-23°10'	-21°41'	-03°01'	+14°20'
Mar 4 1991	-06°38'	-07°23'	+04°09'	+24°44'	+19°52'	-19°45'	-23°08'	-21°40'	-02°58'	+14°26'
Mar 11 1991	-03°54'	-01°13'	+07°43'	+25°01'	+19°59'	-19°36'	-23°07'	-21°39'	-02°54'	+14°32'

Mar 18 1991	-01°09'	+05°11'	+11°09'	+25°13'	+20°04'	-19°28'	-23°06'	-21°38'	-02°50'	+14°37'
Mar 25 1991	+01°36'	+10°36'	+14°23'	+25°20'	+20°06'	-19°20'	-23°05'	-21°37'	-02°46'	+14°42'
Apr 1 1991	+04°20'	+13°43'	+17°20'	+25°22'	+20°07'	-19°14'	-23°04'	-21°36'	-02°42'	+14°46'
Apr 8 1991	+07°00'	+13°49'	+19°56'	+25°17'	+20°05'	-19°08'	-23°04'	-21°35'	-02°38'	+14°50'
Apr 15 1991	+09°34'	+11°12'	+22°08'	+25°05'	+20°01'	-19°02'	-23°04'	-21°35'	-02°34'	+14°53'
Apr 22 1991	+12°01'	+07°43'	+23°51'	+24°47'	+19°55'	-18°58'	-23°04'	-21°35'	-02°30'	+14°54'
Apr 29 1991	+14°18'	+05°32'	+25°05'	+24°22'	+19°46'	-18°56'	-23°05'	-21°35'	-02°27'	+14°56'
May 6 1991	+16°23'	+05°23'	+25°46'	+23°50'	+19°36'	-18°54'	-23°05'	-21°35'	-02°24'	+14°56'
May 13 1991	+18°15'	+07°01'	+25°54'	+23°10'	+19°24'	-18°53'	-23°06'	-21°36'	-02°21'	+14°55'
May 20 1991	+19°52'	+09°57'	+25°29'	+22°24'	+19°10'	-18°54'	-23°07'	-21°36'	-02°19'	+14°53'
May 27 1991	+21°12'	+13°46'	+24°35'	+21°31'	+18°55'	-18°56'	-23°09'	-21°37'	-02°17'	+14°51'
Jun 3 1991	+22°14'	+17°57'	+23°13'	+20°31'	+18°37'	-18°59'	-23°10'	-21°38'	-02°16'	+14°47'
Jun 10 1991	+22°58'	+21°49'	+21°28'	+19°25'	+18°18'	-19°03'	-23°12'	-21°39'	-02°16'	+14°43'
Jun 17 1991	+23°21'	+24°21'	+19°24'	+18°14'	+17°58'	-19°08'	-23°13'	-21°40'	-02°16'	+14°37'
Jun 24 1991	+23°25'	+24°44'	+17°05'	+16°56'	+17°36'	-19°14'	-23°15'	-21°42'	-02°17'	+14°31'
Jul 1 1991	+23°08'	+23°05'	+14°38'	+15°34'	+17°12'	-19°21'	-23°16'	-21°43'	-02°18'	+14°24'
Jul 8 1991	+22°31'	+20°04'	+12°07'	+14°06'	+16°48'	-19°29'	-23°18'	-21°44'	-02°20'	+14°16'
Jul 15 1991	+21°36'	+16°21'	+09°39'	+12°34'	+16°22'	-19°36'	-23°19'	-21°46'	-02°22'	+14°07'
Jul 22 1991	+20°22'	+12°29'	+07°22'	+10°58'	+15°55'	-19°44'	-23°21'	-21°47'	-02°25'	+13°58'
Jul 29 1991	+18°52'	+08°58'	+05°26'	+09°19'	+15°27'	-19°52'	-23°22'	-21°48'	-02°29'	+13°48'
Aug 5 1991	+17°06'	+06°23'	+04°02'	+07°36'	+14°58'	-20°00'	-23°23'	-21°50'	-02°33'	+13°37'
Aug 12 1991	+15°07'	+05°28'	+03°23'	+05°51'	+14°28'	-20°07'	-23°24'	-21°51'	-02°37'	+13°26'
Aug 19 1991	+12°56'	+06°51'	+03°35'	+04°03'	+13°58'	-20°14'	-23°25'	-21°52'	-02°42'	+13°14'
Aug 26 1991	+10°35'	+09°54'	+04°33'	+02°14'	+13°28'	-20°20'	-23°26'	-21°53'	-02°47'	+13°02'
Sep 2 1991	+08°06'	+12°26'	+05°56'	+00°24'	+12°57'	-20°25'	-23°26'	-21°54'	-02°53'	+12°50'
Sep 9 1991	+05°30'	+12°34'	+07°19'	-01°26'	+12°26'	-20°30'	-23°26'	-21°54'	-02°59'	+12°38'
Sep 16 1991	+02°50'	+09°54'	+08°24'	-03°18'	+11°55'	-20°33'	-23°27'	-21°55'	-03°04'	+12°25'
Sep 23 1991	+00°07'	+05°17'	+09°01'	-05°09'	+11°25'	-20°36'	-23°26'	-21°55'	-03°10'	+12°13'
Sep 30 1991	-02°35'	-00°05'	+09°08'	-06°59'	+10°55'	-20°37'	-23°26'	-21°56'	-03°16'	+12°01'
Oct 7 1991	-05°18'	-05°29'	+08°43'	-08°47'	+10°26'	-20°38'	-23°26'	-21°56'	-03°22'	+11°50'
Oct 14 1991	-07°57'	-10°32'	+07°49'	-10°33'	+09°58'	-20°37'	-23°25'	-21°56'	-03°28'	+11°39'
Oct 21 1991	-10°30'	-15°04'	+06°28'	-12°16'	+09°31'	-20°35'	-23°24'	-21°55'	-03°34'	+11°29'
Oct 28 1991	-12°56'	-18°58'	+04°42'	-13°55'	+09°05'	-20°33'	-23°23'	-21°55'	-03°39'	+11°20'
Nov 4 1991	-15°12'	-22°05'	+02°37'	-15°29'	+08°42'	-20°29'	-23°22'	-21°54'	-03°45'	+11°11'
Nov 11 1991	-17°16'	-24°18'	+00°15'	-16°59'	+08°20'	-20°24'	-23°21'	-21°53'	-03°49'	+11°04'
Nov 18 1991	-19°06'	-25°27'	-02°17'	-18°21'	+08°01'	-20°18'	-23°19'	-21°52'	-03°54'	+10°58'
Nov 25 1991	-20°38'	-25°22'	-04°59'	-19°37'	+07°44'	-20°11'	-23°17'	-21°51'	-03°58'	+10°53'
Dec 2 1991	-21°52'	-23°52'	-07°43'	-20°45'	+07°30'	-20°04'	-23°15'	-21°50'	-04°01'	+10°50'
Dec 9 1991	-22°46'	-20°58'	-10°27'	-21°44'	+07°19'	-19°55'	-23°13'	-21°49'	-04°04'	+10°48'
Dec 16 1991	-23°17'	-18°52'	-13°03'	-22°33'	+07°12'	-19°46'	-23°11'	-21°47'	-04°07'	+10°48'
Dec 23 1991	-23°26'	-19°20'	-15°29'	-23°12'	+07°08'	-19°36'	-23°09'	-21°45'	-04°09'	+10°49'
Dec 30 1991	-23°11'	-21°00'	-17°39'	-23°40'	+07°07'	-19°25'	-23°06'	-21°44'	-04°10'	+10°52'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 1992	-22°34'	-22°37'	-19°29'	-23°56'	+07°10'	-19°13'	-23°04'	-21°42'	-04°11'	+10°56'
Jan 13 1992	-21°36'	-23°35'	-20°55'	-23°59'	+07°17'	-19°01'	-23°01'	-21°40'	-04°11'	+11°01'
Jan 20 1992	-20°16'	-23°37'	-21°53'	-23°51'	+07°28'	-18°49'	-22°59'	-21°38'	-04°11'	+11°07'
Jan 27 1992	-18°38'	-22°35'	-22°20'	-23°29'	+07°41'	-18°37'	-22°56'	-21°36'	-04°10'	+11°15'

Feb 3 1992	-16°44'	-20°25'	-22°15'	-22°56'	+07°58'	-18°24'	-22°53'	-21°34'	-04°08'	+11°22'
Feb 10 1992	-14°35'	-17°04'	-21°38'	-22°10'	+08°16'	-18°11'	-22°51'	-21°32'	-04°06'	+11°31'
Feb 17 1992	-12°14'	-12°32'	-20°30'	-21°12'	+08°36'	-17°58'	-22°48'	-21°31'	-04°04'	+11°40'
Feb 24 1992	-09°44'	-06°58'	-18°52'	-20°03'	+08°58'	-17°45'	-22°46'	-21°29'	-04°01'	+11°48'
Mar 2 1992	-07°06'	-00°53'	-16°47'	-18°44'	+09°19'	-17°32'	-22°44'	-21°27'	-03°58'	+11°57'
Mar 9 1992	-04°23'	+04°27'	-14°19'	-17°16'	+09°40'	-17°20'	-22°42'	-21°26'	-03°55'	+12°05'
Mar 16 1992	-01°38'	+07°20'	-11°32'	-15°38'	+09°59'	-17°08'	-22°41'	-21°25'	-03°51'	+12°13'
Mar 23 1992	+01°07'	+06°43'	-08°29'	-13°53'	+10°16'	-16°57'	-22°39'	-21°24'	-03°47'	+12°20'
Mar 30 1992	+03°51'	+03°26'	-05°15'	-12°02'	+10°31'	-16°47'	-22°38'	-21°23'	-03°43'	+12°26'
Apr 6 1992	+06°32'	+00°11'	-01°54'	-10°05'	+10°43'	-16°37'	-22°38'	-21°22'	-03°39'	+12°31'
Apr 13 1992	+09°08'	-01°14'	+01°30'	-08°03'	+10°52'	-16°29'	-22°37'	-21°22'	-03°36'	+12°36'
Apr 20 1992	+11°36'	-00°40'	+04°54'	-05°59'	+10°58'	-16°22'	-22°37'	-21°21'	-03°32'	+12°39'
Apr 27 1992	+13°54'	+01°30'	+08°13'	-03°52'	+11°00'	-16°16'	-22°37'	-21°21'	-03°29'	+12°41'
May 4 1992	+16°02'	+04°53'	+11°23'	-01°44'	+10°59'	-16°11'	-22°38'	-21°22'	-03°26'	+12°41'
May 11 1992	+17°56'	+09°10'	+14°20'	+00°23'	+10°55'	-16°07'	-22°39'	-21°22'	-03°23'	+12°41'
May 18 1992	+19°36'	+14°00'	+17°01'	+02°30'	+10°47'	-16°06'	-22°40'	-21°23'	-03°21'	+12°39'
May 25 1992	+20°59'	+18°51'	+19°20'	+04°34'	+10°37'	-16°05'	-22°42'	-21°23'	-03°19'	+12°36'
Jun 1 1992	+22°05'	+22°52'	+21°14'	+06°36'	+10°23'	-16°06'	-22°43'	-21°25'	-03°18'	+12°32'
Jun 8 1992	+22°52'	+25°02'	+22°39'	+08°34'	+10°07'	-16°09'	-22°45'	-21°26'	-03°17'	+12°26'
Jun 15 1992	+23°19'	+25°01'	+23°33'	+10°27'	+09°48'	-16°13'	-22°47'	-21°27'	-03°17'	+12°20'
Jun 22 1992	+23°26'	+23°18'	+23°52'	+12°14'	+09°27'	-16°18'	-22°49'	-21°28'	-03°17'	+12°12'
Jun 29 1992	+23°12'	+20°34'	+23°38'	+13°55'	+09°04'	-16°25'	-22°51'	-21°30'	-03°18'	+12°03'
Jul 6 1992	+22°39'	+17°27'	+22°49'	+15°29'	+08°38'	-16°32'	-22°53'	-21°31'	-03°20'	+11°53'
Jul 13 1992	+21°47'	+14°32'	+21°27'	+16°55'	+08°11'	-16°41'	-22°55'	-21°33'	-03°22'	+11°42'
Jul 20 1992	+20°37'	+12°26'	+19°35'	+18°13'	+07°42'	-16°50'	-22°57'	-21°34'	-03°25'	+11°30'
Jul 27 1992	+19°09'	+11°47'	+17°16'	+19°23'	+07°12'	-17°00'	-22°59'	-21°36'	-03°28'	+11°17'
Aug 3 1992	+17°26'	+12°53'	+14°34'	+20°23'	+06°40'	-17°10'	-23°01'	-21°37'	-03°32'	+11°03'
Aug 10 1992	+15°29'	+15°00'	+11°33'	+21°15'	+06°08'	-17°20'	-23°03'	-21°39'	-03°36'	+10°49'
Aug 17 1992	+13°20'	+16°44'	+08°16'	+21°57'	+05°34'	-17°29'	-23°04'	-21°40'	-03°41'	+10°34'
Aug 24 1992	+11°01'	+16°51'	+04°50'	+22°31'	+04°59'	-17°38'	-23°05'	-21°41'	-03°45'	+10°19'
Aug 31 1992	+08°33'	+14°40'	+01°16'	+22°56'	+04°24'	-17°47'	-23°06'	-21°42'	-03°51'	+10°03'
Sep 7 1992	+05°58'	+10°26'	-02°19'	+23°13'	+03°49'	-17°54'	-23°06'	-21°43'	-03°56'	+09°47'
Sep 14 1992	+03°19'	+05°09'	-05°54'	+23°24'	+03°13'	-18°01'	-23°07'	-21°44'	-04°02'	+09°31'
Sep 21 1992	+00°36'	-00°22'	-09°23'	+23°28'	+02°37'	-18°06'	-23°07'	-21°44'	-04°08'	+09°16'
Sep 28 1992	-02°06'	-05°43'	-12°42'	+23°26'	+02°01'	-18°10'	-23°07'	-21°44'	-04°13'	+09°00'
Oct 5 1992	-04°49'	-10°41'	-15°48'	+23°20'	+01°26'	-18°13'	-23°06'	-21°45'	-04°19'	+08°45'
Oct 12 1992	-07°29'	-15°05'	-18°34'	+23°12'	+00°51'	-18°14'	-23°06'	-21°45'	-04°25'	+08°30'
Oct 19 1992	-10°03'	-18°50'	-20°58'	+23°02'	+00°17'	-18°14'	-23°05'	-21°44'	-04°30'	+08°16'
Oct 26 1992	-12°31'	-21°46'	-22°55'	+22°52'	-00°16'	-18°12'	-23°03'	-21°44'	-04°36'	+08°02'
Nov 2 1992	-14°49'	-23°40'	-24°20'	+22°44'	-00°48'	-18°09'	-23°02'	-21°43'	-04°41'	+07°50'
Nov 9 1992	-16°55'	-24°10'	-25°13'	+22°40'	-01°19'	-18°05'	-23°00'	-21°42'	-04°46'	+07°39'
Nov 16 1992	-18°47'	-22°35'	-25°29'	+22°41'	-01°49'	-17°59'	-22°58'	-21°41'	-04°50'	+07°29'
Nov 23 1992	-20°23'	-18°42'	-25°10'	+22°49'	-02°16'	-17°53'	-22°56'	-21°40'	-04°54'	+07°21'
Nov 30 1992	-21°40'	-15°54'	-24°15'	+23°06'	-02°42'	-17°44'	-22°54'	-21°39'	-04°58'	+07°14'
Dec 7 1992	-22°38'	-16°32'	-22°48'	+23°31'	-03°05'	-17°35'	-22°51'	-21°37'	-05°01'	+07°10'
Dec 14 1992	-23°13'	-18°50'	-20°50'	+24°04'	-03°26'	-17°25'	-22°48'	-21°35'	-05°04'	+07°07'
Dec 21 1992	-23°26'	-21°17'	-18°26'	+24°42'	-03°44'	-17°13'	-22°45'	-21°33'	-05°06'	+07°06'

Dec 28 1992	-23°16'	-23°10'	-15°41'	+25°22'	-04°00'	-17°01'	-22°42'	-21°32'	-05°07'	+07°06'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 1993	-22°43'	-24°12'	-12°39'	+25°59'	-04°12'	-16°48'	-22°39'	-21°29'	-05°08'	+07°09'
Jan 11 1993	-21°48'	-24°12'	-09°24'	+26°28'	-04°21'	-16°34'	-22°36'	-21°27'	-05°09'	+07°14'
Jan 18 1993	-20°32'	-23°03'	-06°02'	+26°49'	-04°27'	-16°19'	-22°32'	-21°25'	-05°09'	+07°20'
Jan 25 1993	-18°57'	-20°42'	-02°38'	+26°59'	-04°29'	-16°04'	-22°29'	-21°23'	-05°08'	+07°27'
Feb 1 1993	-17°05'	-17°07'	+00°45'	+27°01'	-04°27'	-15°49'	-22°26'	-21°21'	-05°07'	+07°36'
Feb 8 1993	-14°59'	-12°23'	+04°01'	+26°56'	-04°22'	-15°33'	-22°22'	-21°19'	-05°05'	+07°46'
Feb 15 1993	-12°40'	-06°55'	+07°05'	+26°47'	-04°13'	-15°17'	-22°19'	-21°17'	-05°03'	+07°57'
Feb 22 1993	-10°11'	-01°57'	+09°51'	+26°35'	-04°01'	-15°01'	-22°16'	-21°15'	-05°00'	+08°08'
Mar 1 1993	-07°34'	+00°29'	+12°10'	+26°20'	-03°47'	-14°46'	-22°14'	-21°13'	-04°58'	+08°20'
Mar 8 1993	-04°53'	-00°46'	+13°52'	+26°03'	-03°29'	-14°30'	-22°11'	-21°11'	-04°54'	+08°31'
Mar 15 1993	-02°08'	-04°11'	+14°43'	+25°43'	-03°10'	-14°15'	-22°09'	-21°10'	-04°51'	+08°42'
Mar 22 1993	+00°37'	-06°48'	+14°26'	+25°19'	-02°49'	-14°01'	-22°07'	-21°09'	-04°47'	+08°52'
Mar 29 1993	+03°22'	-07°31'	+12°58'	+24°52'	-02°28'	-13°47'	-22°05'	-21°08'	-04°44'	+09°02'
Apr 5 1993	+06°04'	-06°28'	+10°34'	+24°21'	-02°07'	-13°34'	-22°04'	-21°07'	-04°40'	+09°10'
Apr 12 1993	+08°40'	-04°01'	+07°54'	+23°45'	-01°47'	-13°22'	-22°03'	-21°06'	-04°37'	+09°17'
Apr 19 1993	+11°10'	-00°25'	+05°40'	+23°05'	-01°28'	-13°11'	-22°03'	-21°06'	-04°33'	+09°23'
Apr 26 1993	+13°30'	+04°05'	+04°13'	+22°19'	-01°11'	-13°02'	-22°03'	-21°06'	-04°30'	+09°27'
May 3 1993	+15°40'	+09°17'	+03°38'	+21°27'	-00°57'	-12°53'	-22°03'	-21°06'	-04°27'	+09°29'
May 10 1993	+17°37'	+14°50'	+03°49'	+20°30'	-00°46'	-12°47'	-22°04'	-21°06'	-04°24'	+09°30'
May 17 1993	+19°19'	+20°00'	+04°38'	+19°28'	-00°39'	-12°41'	-22°05'	-21°07'	-04°22'	+09°30'
May 24 1993	+20°46'	+23°47'	+05°56'	+18°21'	-00°35'	-12°38'	-22°07'	-21°08'	-04°20'	+09°28'
May 31 1993	+21°54'	+25°28'	+07°34'	+17°08'	-00°34'	-12°36'	-22°09'	-21°09'	-04°19'	+09°24'
Jun 7 1993	+22°45'	+25°14'	+09°27'	+15°50'	-00°37'	-12°36'	-22°11'	-21°10'	-04°18'	+09°18'
Jun 14 1993	+23°15'	+23°42'	+11°27'	+14°28'	-00°43'	-12°37'	-22°13'	-21°11'	-04°17'	+09°11'
Jun 21 1993	+23°26'	+21°29'	+13°29'	+13°00'	-00°53'	-12°40'	-22°15'	-21°13'	-04°18'	+09°03'
Jun 28 1993	+23°16'	+19°12'	+15°27'	+11°29'	-01°06'	-12°45'	-22°18'	-21°15'	-04°18'	+08°53'
Jul 5 1993	+22°47'	+17°26'	+17°17'	+09°54'	-01°22'	-12°51'	-22°20'	-21°16'	-04°20'	+08°42'
Jul 12 1993	+21°58'	+16°41'	+18°53'	+08°16'	-01°40'	-12°59'	-22°23'	-21°18'	-04°22'	+08°29'
Jul 19 1993	+20°50'	+17°07'	+20°13'	+06°34'	-02°01'	-13°08'	-22°26'	-21°20'	-04°24'	+08°15'
Jul 26 1993	+19°26'	+18°21'	+21°11'	+04°50'	-02°25'	-13°18'	-22°28'	-21°21'	-04°27'	+08°01'
Aug 2 1993	+17°45'	+19°39'	+21°44'	+03°03'	-02°50'	-13°28'	-22°30'	-21°23'	-04°30'	+07°45'
Aug 9 1993	+15°51'	+20°04'	+21°51'	+01°15'	-03°17'	-13°40'	-22°32'	-21°24'	-04°34'	+07°28'
Aug 16 1993	+13°44'	+18°39'	+21°29'	-00°33'	-03°46'	-13°51'	-22°34'	-21°26'	-04°39'	+07°11'
Aug 23 1993	+11°26'	+15°09'	+20°38'	-02°24'	-04°16'	-14°02'	-22°36'	-21°27'	-04°43'	+06°53'
Aug 30 1993	+08°59'	+10°16'	+19°19'	-04°14'	-04°47'	-14°13'	-22°37'	-21°28'	-04°48'	+06°34'
Sep 6 1993	+06°26'	+04°50'	+17°33'	-06°04'	-05°19'	-14°24'	-22°38'	-21°29'	-04°53'	+06°15'
Sep 13 1993	+03°47'	-00°37'	+15°23'	-07°53'	-05°52'	-14°33'	-22°39'	-21°30'	-04°59'	+05°55'
Sep 20 1993	+01°05'	-05°48'	+12°51'	-09°41'	-06°26'	-14°42'	-22°39'	-21°31'	-05°04'	+05°36'
Sep 27 1993	-01°37'	-10°34'	+10°01'	-11°26'	-06°59'	-14°49'	-22°40'	-21°31'	-05°10'	+05°17'
Oct 4 1993	-04°20'	-14°44'	+06°56'	-13°08'	-07°33'	-14°55'	-22°39'	-21°32'	-05°15'	+04°57'
Oct 11 1993	-07°01'	-18°09'	+03°41'	-14°46'	-08°07'	-15°00'	-22°39'	-21°32'	-05°21'	+04°39'
Oct 18 1993	-09°37'	-20°31'	+00°19'	-16°19'	-08°41'	-15°02'	-22°38'	-21°31'	-05°26'	+04°20'
Oct 25 1993	-12°05'	-21°17'	-03°05'	-17°46'	-09°14'	-15°03'	-22°36'	-21°31'	-05°32'	+04°03'
Nov 1 1993	-14°25'	-19°23'	-06°27'	-19°07'	-09°46'	-15°03'	-22°35'	-21°30'	-05°37'	+03°46'
Nov 8 1993	-16°34'	-14°44'	-09°44'	-20°20'	-10°18'	-15°00'	-22°33'	-21°29'	-05°42'	+03°31'

Nov 15 1993	-18°29'	-11°41'	-12°50'	-21°25'	-10°49'	-14°56'	-22°31'	-21°28'	-05°46'	+03°16'
Nov 22 1993	-20°07'	-12°38'	-15°40'	-22°20'	-11°19'	-14°50'	-22°28'	-21°27'	-05°50'	+03°04'
Nov 29 1993	-21°28'	-15°34'	-18°12'	-23°05'	-11°47'	-14°43'	-22°25'	-21°25'	-05°54'	+02°53'
Dec 6 1993	-22°29'	-18°49'	-20°18'	-23°39'	-12°14'	-14°34'	-22°22'	-21°24'	-05°57'	+02°43'
Dec 13 1993	-23°08'	-21°37'	-21°57'	-24°01'	-12°40'	-14°24'	-22°19'	-21°22'	-06°00'	+02°36'
Dec 20 1993	-23°25'	-23°38'	-23°04'	-24°10'	-13°03'	-14°13'	-22°15'	-21°20'	-06°02'	+02°31'
Dec 27 1993	-23°19'	-24°41'	-23°37'	-24°07'	-13°25'	-14°00'	-22°12'	-21°18'	-06°04'	+02°28'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 1994	-22°50'	-24°39'	-23°33'	-23°50'	-13°45'	-13°46'	-22°08'	-21°15'	-06°05'	+02°27'
Jan 10 1994	-21°59'	-23°24'	-22°55'	-23°21'	-14°03'	-13°31'	-22°04'	-21°13'	-06°06'	+02°28'
Jan 17 1994	-20°47'	-20°54'	-21°41'	-22°38'	-14°18'	-13°15'	-22°00'	-21°11'	-06°06'	+02°32'
Jan 24 1994	-19°15'	-17°11'	-19°56'	-21°43'	-14°31'	-12°59'	-21°56'	-21°08'	-06°05'	+02°38'
Jan 31 1994	-17°26'	-12°35'	-17°42'	-20°36'	-14°42'	-12°42'	-21°52'	-21°06'	-06°04'	+02°46'
Feb 7 1994	-15°22'	-08°15'	-15°04'	-19°19'	-14°50'	-12°24'	-21°48'	-21°04'	-06°03'	+02°55'
Feb 14 1994	-13°05'	-06°15'	-12°06'	-17°50'	-14°56'	-12°06'	-21°44'	-21°01'	-06°01'	+03°07'
Feb 21 1994	-10°38'	-07°49'	-08°51'	-16°13'	-14°59'	-11°48'	-21°40'	-20°59'	-05°59'	+03°19'
Feb 28 1994	-08°03'	-10°48'	-05°26'	-14°27'	-14°59'	-11°30'	-21°37'	-20°57'	-05°56'	+03°32'
Mar 7 1994	-05°22'	-12°42'	-01°53'	-12°34'	-14°57'	-11°12'	-21°34'	-20°55'	-05°53'	+03°46'
Mar 14 1994	-02°37'	-12°56'	+01°42'	-10°36'	-14°51'	-10°55'	-21°31'	-20°53'	-05°50'	+04°00'
Mar 21 1994	+00°08'	-11°42'	+05°16'	-08°32'	-14°44'	-10°37'	-21°28'	-20°52'	-05°47'	+04°13'
Mar 28 1994	+02°53'	-09°14'	+08°45'	-06°25'	-14°34'	-10°21'	-21°26'	-20°51'	-05°44'	+04°26'
Apr 4 1994	+05°35'	-05°41'	+12°04'	-04°15'	-14°22'	-10°04'	-21°24'	-20°50'	-05°40'	+04°38'
Apr 11 1994	+08°13'	-01°10'	+15°09'	-02°04'	-14°08'	-09°49'	-21°23'	-20°49'	-05°37'	+04°49'
Apr 18 1994	+10°44'	+04°08'	+17°55'	+00°06'	-13°53'	-09°35'	-21°22'	-20°48'	-05°33'	+04°59'
Apr 25 1994	+13°06'	+10°02'	+20°19'	+02°17'	-13°37'	-09°22'	-21°22'	-20°48'	-05°30'	+05°07'
May 2 1994	+15°18'	+16°00'	+22°16'	+04°25'	-13°21'	-09°10'	-21°22'	-20°48'	-05°27'	+05°13'
May 9 1994	+17°17'	+21°04'	+23°44'	+06°31'	-13°04'	-09°00'	-21°22'	-20°49'	-05°25'	+05°17'
May 16 1994	+19°02'	+24°19'	+24°39'	+08°33'	-12°49'	-08°51'	-21°23'	-20°49'	-05°22'	+05°19'
May 23 1994	+20°31'	+25°34'	+24°59'	+10°30'	-12°35'	-08°43'	-21°25'	-20°50'	-05°20'	+05°20'
May 30 1994	+21°44'	+25°15'	+24°44'	+12°22'	-12°22'	-08°38'	-21°27'	-20°51'	-05°19'	+05°18'
Jun 6 1994	+22°37'	+23°56'	+23°55'	+14°07'	-12°12'	-08°34'	-21°29'	-20°52'	-05°18'	+05°15'
Jun 13 1994	+23°11'	+22°06'	+22°34'	+15°44'	-12°05'	-08°32'	-21°31'	-20°54'	-05°17'	+05°09'
Jun 20 1994	+23°25'	+20°17'	+20°44'	+17°14'	-12°00'	-08°32'	-21°34'	-20°55'	-05°17'	+05°02'
Jun 27 1994	+23°19'	+19°00'	+18°27'	+18°36'	-11°58'	-08°33'	-21°37'	-20°57'	-05°18'	+04°53'
Jul 4 1994	+22°53'	+18°45'	+15°49'	+19°48'	-11°59'	-08°37'	-21°40'	-20°59'	-05°19'	+04°42'
Jul 11 1994	+22°08'	+19°33'	+12°53'	+20°51'	-12°04'	-08°42'	-21°43'	-21°01'	-05°21'	+04°30'
Jul 18 1994	+21°03'	+20°54'	+09°42'	+21°44'	-12°11'	-08°49'	-21°46'	-21°03'	-05°23'	+04°16'
Jul 25 1994	+19°42'	+21°56'	+06°22'	+22°27'	-12°20'	-08°57'	-21°49'	-21°05'	-05°25'	+04°00'
Aug 1 1994	+18°04'	+21°35'	+02°56'	+22°59'	-12°33'	-09°07'	-21°52'	-21°06'	-05°29'	+03°44'
Aug 8 1994	+16°12'	+19°10'	-00°32'	+23°22'	-12°47'	-09°18'	-21°54'	-21°08'	-05°32'	+03°26'
Aug 15 1994	+14°07'	+15°01'	-04°00'	+23°36'	-13°04'	-09°30'	-21°57'	-21°10'	-05°36'	+03°07'
Aug 22 1994	+11°51'	+09°57'	-07°23'	+23°39'	-13°22'	-09°42'	-21°59'	-21°11'	-05°41'	+02°48'
Aug 29 1994	+09°26'	+04°37'	-10°38'	+23°34'	-13°42'	-09°55'	-22°01'	-21°13'	-05°45'	+02°27'
Sep 5 1994	+06°54'	-00°37'	-13°42'	+23°20'	-14°04'	-10°07'	-22°02'	-21°14'	-05°50'	+02°06'
Sep 12 1994	+04°16'	-05°33'	-16°30'	+22°59'	-14°27'	-10°19'	-22°04'	-21°15'	-05°55'	+01°45'
Sep 19 1994	+01°34'	-09°57'	-19°00'	+22°30'	-14°50'	-10°31'	-22°04'	-21°16'	-06°00'	+01°23'
Sep 26 1994	-01°08'	-13°38'	-21°06'	+21°56'	-15°15'	-10°41'	-22°05'	-21°16'	-06°06'	+01°01'

Oct 3 1994	-03°52'	-16°11'	-22°42'	+21°16'	-15°39'	-10°50'	-22°05'	-21°16'	-06°11'	+00°39'
Oct 10 1994	-06°33'	-16°54'	-23°41'	+20°32'	-16°04'	-10°58'	-22°04'	-21°17'	-06°17'	+00°17'
Oct 17 1994	-09°09'	-14°32'	-23°51'	+19°45'	-16°29'	-11°04'	-22°04'	-21°16'	-06°22'	-00°04'
Oct 24 1994	-11°40'	-09°31'	-22°59'	+18°56'	-16°54'	-11°09'	-22°02'	-21°16'	-06°27'	-00°25'
Oct 31 1994	-14°01'	-06°36'	-21°02'	+18°06'	-17°19'	-11°11'	-22°01'	-21°15'	-06°32'	-00°45'
Nov 7 1994	-16°12'	-07°55'	-18°18'	+17°17'	-17°43'	-11°12'	-21°59'	-21°14'	-06°37'	-01°04'
Nov 14 1994	-18°09'	-11°25'	-15°30'	+16°29'	-18°07'	-11°11'	-21°56'	-21°13'	-06°41'	-01°22'
Nov 21 1994	-19°51'	-15°23'	-13°17'	+15°44'	-18°29'	-11°07'	-21°54'	-21°12'	-06°45'	-01°39'
Nov 28 1994	-21°15'	-19°01'	-11°58'	+15°04'	-18°51'	-11°02'	-21°50'	-21°10'	-06°49'	-01°55'
Dec 5 1994	-22°20'	-21°58'	-11°35'	+14°29'	-19°12'	-10°56'	-21°47'	-21°08'	-06°52'	-02°09'
Dec 12 1994	-23°03'	-24°02'	-11°56'	+14°03'	-19°31'	-10°47'	-21°43'	-21°06'	-06°55'	-02°21'
Dec 19 1994	-23°24'	-25°06'	-12°49'	+13°46'	-19°50'	-10°37'	-21°39'	-21°04'	-06°57'	-02°31'
Dec 26 1994	-23°22'	-25°01'	-14°03'	+13°40'	-20°07'	-10°25'	-21°35'	-21°02'	-06°59'	-02°39'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 1995	-22°57'	-23°42'	-15°29'	+13°47'	-20°22'	-10°11'	-21°31'	-20°59'	-07°01'	-02°44'
Jan 9 1995	-22°10'	-21°09'	-16°56'	+14°08'	-20°37'	-09°57'	-21°26'	-20°57'	-07°01'	-02°48'
Jan 16 1995	-21°01'	-17°36'	-18°18'	+14°42'	-20°50'	-09°41'	-21°22'	-20°54'	-07°02'	-02°49'
Jan 23 1995	-19°33'	-14°01'	-19°28'	+15°28'	-21°01'	-09°24'	-21°17'	-20°52'	-07°02'	-02°47'
Jan 30 1995	-17°47'	-12°23'	-20°21'	+16°23'	-21°11'	-09°07'	-21°12'	-20°49'	-07°01'	-02°43'
Feb 6 1995	-15°45'	-13°41'	-20°53'	+17°21'	-21°20'	-08°48'	-21°08'	-20°47'	-07°00'	-02°36'
Feb 13 1995	-13°30'	-15°52'	-21°00'	+18°18'	-21°28'	-08°30'	-21°03'	-20°44'	-06°58'	-02°28'
Feb 20 1995	-11°05'	-17°10'	-20°39'	+19°08'	-21°34'	-08°10'	-20°59'	-20°42'	-06°56'	-02°17'
Feb 27 1995	-08°31'	-17°15'	-19°51'	+19°45'	-21°39'	-07°51'	-20°54'	-20°39'	-06°54'	-02°05'
Mar 6 1995	-05°50'	-16°09'	-18°36'	+20°09'	-21°43'	-07°31'	-20°51'	-20°37'	-06°51'	-01°51'
Mar 13 1995	-03°06'	-13°56'	-16°55'	+20°18'	-21°46'	-07°11'	-20°47'	-20°35'	-06°48'	-01°37'
Mar 20 1995	-00°20'	-10°39'	-14°50'	+20°15'	-21°48'	-06°52'	-20°44'	-20°34'	-06°45'	-01°22'
Mar 27 1995	+02°24'	-06°23'	-12°25'	+20°01'	-21°49'	-06°33'	-20°41'	-20°32'	-06°42'	-01°06'
Apr 3 1995	+05°07'	-01°12'	-09°42'	+19°37'	-21°49'	-06°14'	-20°39'	-20°31'	-06°39'	-00°51'
Apr 10 1995	+07°46'	+04°45'	-06°46'	+19°05'	-21°48'	-05°56'	-20°37'	-20°30'	-06°36'	-00°37'
Apr 17 1995	+10°18'	+11°07'	-03°40'	+18°24'	-21°46'	-05°39'	-20°35'	-20°29'	-06°33'	-00°23'
Apr 24 1995	+12°42'	+17°06'	-00°27'	+17°37'	-21°43'	-05°23'	-20°34'	-20°29'	-06°30'	-00°11'
May 1 1995	+14°55'	+21°36'	+02°47'	+16°44'	-21°39'	-05°08'	-20°34'	-20°29'	-06°27'	-00°00'
May 8 1995	+16°57'	+24°08'	+06°01'	+15°44'	-21°34'	-04°54'	-20°34'	-20°29'	-06°24'	+00°07'
May 15 1995	+18°45'	+24°50'	+09°09'	+14°38'	-21°29'	-04°42'	-20°35'	-20°30'	-06°22'	+00°14'
May 22 1995	+20°17'	+24°05'	+12°09'	+13°28'	-21°23'	-04°31'	-20°36'	-20°30'	-06°20'	+00°19'
May 29 1995	+21°32'	+22°14'	+14°55'	+12°12'	-21°16'	-04°21'	-20°38'	-20°31'	-06°18'	+00°21'
Jun 5 1995	+22°29'	+19°55'	+17°24'	+10°51'	-21°10'	-04°14'	-20°40'	-20°33'	-06°17'	+00°22'
Jun 12 1995	+23°07'	+18°06'	+19°31'	+09°26'	-21°03'	-04°08'	-20°42'	-20°34'	-06°17'	+00°20'
Jun 19 1995	+23°24'	+17°39'	+21°14'	+07°56'	-20°56'	-04°04'	-20°45'	-20°36'	-06°16'	+00°16'
Jun 26 1995	+23°22'	+18°36'	+22°29'	+06°23'	-20°50'	-04°02'	-20°48'	-20°38'	-06°17'	+00°10'
Jul 3 1995	+22°59'	+20°25'	+23°12'	+04°47'	-20°45'	-04°01'	-20°52'	-20°40'	-06°18'	+00°02'
Jul 10 1995	+22°17'	+22°17'	+23°22'	+03°07'	-20°41'	-04°03'	-20°55'	-20°42'	-06°19'	-00°08'
Jul 17 1995	+21°16'	+23°11'	+22°59'	+01°25'	-20°38'	-04°07'	-20°59'	-20°44'	-06°21'	-00°19'
Jul 24 1995	+19°58'	+22°11'	+22°03'	-00°18'	-20°36'	-04°12'	-21°02'	-20°46'	-06°23'	-00°33'
Jul 31 1995	+18°23'	+19°09'	+20°35'	-02°04'	-20°37'	-04°20'	-21°05'	-20°48'	-06°26'	-00°48'
Aug 7 1995	+16°33'	+14°46'	+18°38'	-03°50'	-20°38'	-04°29'	-21°09'	-20°50'	-06°30'	-01°05'
Aug 14 1995	+14°30'	+09°47'	+16°15'	-05°37'	-20°42'	-04°39'	-21°12'	-20°52'	-06°33'	-01°23'

Aug 21 1995	+12°16'	+04°41'	+13°30'	-07°24'	-20°46'	-04°50'	-21°14'	-20°53'	-06°37'	-01°42'
Aug 28 1995	+09°52'	-00°12'	+10°27'	-09°10'	-20°52'	-05°03'	-21°17'	-20°55'	-06°42'	-02°02'
Sep 4 1995	+07°21'	-04°40'	+07°10'	-10°54'	-21°00'	-05°15'	-21°19'	-20°56'	-06°46'	-02°23'
Sep 11 1995	+04°44'	-08°23'	+03°43'	-12°36'	-21°08'	-05°29'	-21°21'	-20°57'	-06°51'	-02°44'
Sep 18 1995	+02°03'	-10°53'	+00°11'	-14°15'	-21°17'	-05°42'	-21°22'	-20°58'	-06°56'	-03°06'
Sep 25 1995	-00°39'	-11°17'	-03°22'	-15°50'	-21°27'	-05°54'	-21°23'	-20°59'	-07°01'	-03°29'
Oct 2 1995	-03°23'	-08°28'	-06°53'	-17°20'	-21°37'	-06°06'	-21°23'	-20°59'	-07°06'	-03°52'
Oct 9 1995	-06°04'	-03°32'	-10°17'	-18°43'	-21°48'	-06°17'	-21°23'	-21°00'	-07°12'	-04°14'
Oct 16 1995	-08°42'	-01°03'	-13°30'	-20°00'	-21°58'	-06°27'	-21°23'	-20°59'	-07°17'	-04°37'
Oct 23 1995	-11°13'	-02°41'	-16°27'	-21°09'	-22°09'	-06°35'	-21°22'	-20°59'	-07°22'	-04°59'
Oct 30 1995	-13°37'	-06°38'	-19°03'	-22°09'	-22°19'	-06°41'	-21°20'	-20°58'	-07°27'	-05°21'
Nov 6 1995	-15°49'	-11°12'	-21°14'	-22°59'	-22°28'	-06°45'	-21°18'	-20°58'	-07°31'	-05°42'
Nov 13 1995	-17°49'	-15°32'	-22°56'	-23°38'	-22°37'	-06°48'	-21°16'	-20°56'	-07°35'	-06°03'
Nov 20 1995	-19°34'	-19°18'	-24°06'	-24°05'	-22°45'	-06°48'	-21°13'	-20°55'	-07°40'	-06°22'
Nov 27 1995	-21°02'	-22°18'	-24°40'	-24°20'	-22°52'	-06°46'	-21°09'	-20°53'	-07°43'	-06°40'
Dec 4 1995	-22°10'	-24°23'	-24°38'	-24°22'	-22°58'	-06°42'	-21°06'	-20°51'	-07°47'	-06°57'
Dec 11 1995	-22°57'	-25°26'	-23°59'	-24°11'	-23°03'	-06°37'	-21°02'	-20°49'	-07°49'	-07°13'
Dec 18 1995	-23°22'	-25°20'	-22°44'	-23°47'	-23°07'	-06°29'	-20°57'	-20°47'	-07°52'	-07°26'
Dec 25 1995	-23°24'	-24°00'	-20°57'	-23°09'	-23°10'	-06°19'	-20°53'	-20°44'	-07°54'	-07°38'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 1996	-23°03'	-21°37'	-18°41'	-22°18'	-23°11'	-06°08'	-20°48'	-20°42'	-07°55'	-07°48'
Jan 8 1996	-22°20'	-18°53'	-16°00'	-21°15'	-23°11'	-05°55'	-20°43'	-20°39'	-07°56'	-07°56'
Jan 15 1996	-21°15'	-17°22'	-12°58'	-20°00'	-23°11'	-05°40'	-20°38'	-20°36'	-07°57'	-08°01'
Jan 22 1996	-19°50'	-17°52'	-09°39'	-18°34'	-23°09'	-05°24'	-20°32'	-20°34'	-07°57'	-08°04'
Jan 29 1996	-18°07'	-19°07'	-06°10'	-16°58'	-23°06'	-05°08'	-20°27'	-20°31'	-07°56'	-08°05'
Feb 5 1996	-16°08'	-20°06'	-02°33'	-15°14'	-23°02'	-04°50'	-20°22'	-20°28'	-07°55'	-08°04'
Feb 12 1996	-13°55'	-20°21'	+01°07'	-13°22'	-22°58'	-04°31'	-20°17'	-20°25'	-07°54'	-08°00'
Feb 19 1996	-11°31'	-19°38'	+04°46'	-11°23'	-22°53'	-04°11'	-20°11'	-20°22'	-07°52'	-07°53'
Feb 26 1996	-08°59'	-17°54'	+08°20'	-09°19'	-22°48'	-03°51'	-20°07'	-20°20'	-07°50'	-07°45'
Mar 4 1996	-06°19'	-15°07'	+11°45'	-07°12'	-22°42'	-03°31'	-20°02'	-20°18'	-07°48'	-07°35'
Mar 11 1996	-03°36'	-11°18'	+14°58'	-05°01'	-22°37'	-03°10'	-19°58'	-20°15'	-07°45'	-07°23'
Mar 18 1996	-00°50'	-06°29'	+17°54'	-02°49'	-22°31'	-02°50'	-19°54'	-20°13'	-07°43'	-07°09'
Mar 25 1996	+01°55'	-00°44'	+20°31'	-00°36'	-22°26'	-02°29'	-19°50'	-20°12'	-07°40'	-06°55'
Apr 1 1996	+04°38'	+05°41'	+22°47'	+01°36'	-22°21'	-02°09'	-19°47'	-20°10'	-07°37'	-06°39'
Apr 8 1996	+07°18'	+12°09'	+24°37'	+03°46'	-22°17'	-01°50'	-19°45'	-20°09'	-07°34'	-06°24'
Apr 15 1996	+09°51'	+17°32'	+26°03'	+05°55'	-22°14'	-01°30'	-19°43'	-20°08'	-07°31'	-06°09'
Apr 22 1996	+12°17'	+20°57'	+27°02'	+07°59'	-22°12'	-01°12'	-19°41'	-20°08'	-07°28'	-05°54'
Apr 29 1996	+14°32'	+22°14'	+27°36'	+09°59'	-22°12'	-00°55'	-19°40'	-20°08'	-07°25'	-05°40'
May 6 1996	+16°36'	+21°28'	+27°46'	+11°54'	-22°12'	-00°38'	-19°40'	-20°08'	-07°23'	-05°27'
May 13 1996	+18°27'	+19°03'	+27°34'	+13°43'	-22°14'	-00°23'	-19°41'	-20°08'	-07°20'	-05°16'
May 20 1996	+20°02'	+16°10'	+26°59'	+15°24'	-22°17'	-00°09'	-19°41'	-20°09'	-07°18'	-05°07'
May 27 1996	+21°20'	+14°20'	+25°59'	+16°58'	-22°21'	+00°03'	-19°43'	-20°10'	-07°17'	-05°00'
Jun 3 1996	+22°20'	+14°17'	+24°32'	+18°23'	-22°26'	+00°14'	-19°45'	-20°11'	-07°16'	-04°54'
Jun 10 1996	+23°01'	+15°48'	+22°41'	+19°39'	-22°31'	+00°24'	-19°47'	-20°13'	-07°15'	-04°51'
Jun 17 1996	+23°23'	+18°19'	+20°44'	+20°46'	-22°37'	+00°32'	-19°50'	-20°14'	-07°15'	-04°51'
Jun 24 1996	+23°24'	+21°07'	+19°06'	+21°43'	-22°44'	+00°38'	-19°53'	-20°16'	-07°15'	-04°52'
Jul 1 1996	+23°05'	+23°21'	+18°04'	+22°29'	-22°50'	+00°42'	-19°57'	-20°18'	-07°16'	-04°56'



Jul 8 1996	+22°26'	+23°56'	+17°40'	+23°05'	-22°56'	+00°44'	-20°00'	-20°20'	-07°17'	-05°02'
Jul 15 1996	+21°28'	+22°21'	+17°46'	+23°31'	-23°02'	+00°44'	-20°04'	-20°23'	-07°18'	-05°09'
Jul 22 1996	+20°13'	+19°00'	+18°10'	+23°46'	-23°07'	+00°42'	-20°08'	-20°25'	-07°21'	-05°19'
Jul 29 1996	+18°41'	+14°40'	+18°43'	+23°51'	-23°11'	+00°39'	-20°12'	-20°27'	-07°23'	-05°31'
Aug 5 1996	+16°53'	+09°57'	+19°15'	+23°46'	-23°15'	+00°33'	-20°16'	-20°29'	-07°26'	-05°44'
Aug 12 1996	+14°53'	+05°16'	+19°38'	+23°32'	-23°18'	+00°26'	-20°19'	-20°31'	-07°30'	-05°58'
Aug 19 1996	+12°41'	+00°57'	+19°47'	+23°08'	-23°20'	+00°17'	-20°23'	-20°33'	-07°33'	-06°14'
Aug 26 1996	+10°19'	-02°35'	+19°37'	+22°36'	-23°22'	+00°07'	-20°26'	-20°35'	-07°37'	-06°32'
Sep 2 1996	+07°49'	-04°49'	+19°05'	+21°56'	-23°23'	-00°04'	-20°29'	-20°36'	-07°42'	-06°50'
Sep 9 1996	+05°12'	-04°47'	+18°10'	+21°09'	-23°24'	-00°16'	-20°31'	-20°38'	-07°46'	-07°09'
Sep 16 1996	+02°32'	-01°43'	+16°51'	+20°15'	-23°23'	-00°29'	-20°33'	-20°39'	-07°51'	-07°29'
Sep 23 1996	-00°10'	+02°41'	+15°08'	+19°16'	-23°23'	-00°42'	-20°34'	-20°40'	-07°56'	-07°49'
Sep 30 1996	-02°54'	+04°35'	+13°03'	+18°11'	-23°21'	-00°55'	-20°35'	-20°40'	-08°01'	-08°10'
Oct 7 1996	-05°36'	+02°45'	+10°39'	+17°03'	-23°19'	-01°08'	-20°35'	-20°41'	-08°06'	-08°31'
Oct 14 1996	-08°14'	-01°27'	+07°57'	+15°51'	-23°16'	-01°20'	-20°35'	-20°41'	-08°11'	-08°52'
Oct 21 1996	-10°47'	-06°26'	+05°02'	+14°36'	-23°12'	-01°31'	-20°34'	-20°40'	-08°16'	-09°13'
Oct 28 1996	-13°12'	-11°21'	+01°57'	+13°20'	-23°07'	-01°41'	-20°33'	-20°40'	-08°20'	-09°34'
Nov 4 1996	-15°27'	-15°48'	-01°13'	+12°03'	-23°02'	-01°49'	-20°31'	-20°39'	-08°25'	-09°55'
Nov 11 1996	-17°29'	-19°35'	-04°26'	+10°46'	-22°55'	-01°55'	-20°29'	-20°38'	-08°29'	-10°15'
Nov 18 1996	-19°17'	-22°35'	-07°37'	+09°29'	-22°46'	-01°59'	-20°26'	-20°36'	-08°33'	-10°34'
Nov 25 1996	-20°47'	-24°40'	-10°42'	+08°15'	-22°37'	-02°01'	-20°22'	-20°35'	-08°37'	-10°52'
Dec 2 1996	-21°59'	-25°42'	-13°36'	+07°02'	-22°26'	-02°01'	-20°19'	-20°33'	-08°40'	-11°09'
Dec 9 1996	-22°50'	-25°35'	-16°14'	+05°53'	-22°14'	-01°59'	-20°14'	-20°30'	-08°43'	-11°25'
Dec 16 1996	-23°19'	-24°21'	-18°32'	+04°48'	-22°00'	-01°55'	-20°10'	-20°28'	-08°45'	-11°40'
Dec 23 1996	-23°25'	-22°25'	-20°26'	+03°49'	-21°46'	-01°48'	-20°05'	-20°25'	-08°47'	-11°53'
Dec 30 1996	-23°08'	-20°44'	-21°52'	+02°56'	-21°29'	-01°40'	-20°00'	-20°23'	-08°49'	-12°05'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 1997	-22°29'	-20°02'	-22°46'	+02°10'	-21°12'	-01°30'	-19°54'	-20°20'	-08°50'	-12°15'
Jan 13 1997	-21°28'	-20°28'	-23°07'	+01°33'	-20°53'	-01°18'	-19°48'	-20°17'	-08°51'	-12°23'
Jan 20 1997	-20°06'	-21°26'	-22°53'	+01°06'	-20°34'	-01°04'	-19°43'	-20°14'	-08°51'	-12°29'
Jan 27 1997	-18°26'	-22°06'	-22°05'	+00°50'	-20°13'	-00°49'	-19°37'	-20°11'	-08°51'	-12°34'
Feb 3 1997	-16°30'	-22°01'	-20°44'	+00°46'	-19°52'	-00°33'	-19°31'	-20°08'	-08°50'	-12°36'
Feb 10 1997	-14°20'	-20°59'	-18°52'	+00°56'	-19°30'	-00°15'	-19°25'	-20°05'	-08°49'	-12°36'
Feb 17 1997	-11°58'	-18°54'	-16°34'	+01°19'	-19°07'	+00°02'	-19°19'	-20°02'	-08°47'	-12°34'
Feb 24 1997	-09°26'	-15°44'	-13°54'	+01°56'	-18°44'	+00°21'	-19°14'	-19°59'	-08°46'	-12°31'
Mar 3 1997	-06°48'	-11°29'	-10°54'	+02°44'	-18°21'	+00°41'	-19°09'	-19°56'	-08°44'	-12°25'
Mar 10 1997	-04°05'	-06°11'	-07°41'	+03°40'	-17°58'	+01°01'	-19°04'	-19°54'	-08°41'	-12°17'
Mar 17 1997	-01°19'	-00°00'	-04°17'	+04°39'	-17°35'	+01°22'	-18°59'	-19°52'	-08°39'	-12°08'
Mar 24 1997	+01°25'	+06°32'	-00°48'	+05°35'	-17°12'	+01°43'	-18°55'	-19°50'	-08°36'	-11°57'
Mar 31 1997	+04°09'	+12°22'	+02°42'	+06°22'	-16°51'	+02°03'	-18°51'	-19°48'	-08°33'	-11°44'
Apr 7 1997	+06°50'	+16°16'	+06°11'	+06°57'	-16°30'	+02°24'	-18°48'	-19°47'	-08°30'	-11°31'
Apr 14 1997	+09°25'	+17°35'	+09°33'	+07°17'	-16°11'	+02°44'	-18°45'	-19°46'	-08°28'	-11°18'
Apr 21 1997	+11°52'	+16°14'	+12°44'	+07°21'	-15°54'	+03°03'	-18°43'	-19°45'	-08°25'	-11°04'
Apr 28 1997	+14°09'	+13°04'	+15°40'	+07°11'	-15°38'	+03°22'	-18°42'	-19°44'	-08°22'	-10°50'
May 5 1997	+16°15'	+10°05'	+18°17'	+06°47'	-15°24'	+03°40'	-18°41'	-19°44'	-08°20'	-10°36'
May 12 1997	+18°08'	+08°48'	+20°31'	+06°11'	-15°13'	+03°57'	-18°41'	-19°45'	-08°18'	-10°23'
May 19 1997	+19°46'	+09°28'	+22°17'	+05°25'	-15°04'	+04°14'	-18°41'	-19°45'	-08°16'	-10°11'

May 26 1997	+21°07'	+11°40'	+23°32'	+04°29'	-14°58'	+04°29'	-18°42'	-19°46'	-08°14'	-10°01'
Jun 2 1997	+22°11'	+14°53'	+24°14'	+03°25'	-14°54'	+04°43'	-18°44'	-19°48'	-08°13'	-09°52'
Jun 9 1997	+22°56'	+18°35'	+24°21'	+02°15'	-14°54'	+04°55'	-18°46'	-19°49'	-08°12'	-09°45'
Jun 16 1997	+23°20'	+22°02'	+23°54'	+00°58'	-14°57'	+05°06'	-18°49'	-19°51'	-08°12'	-09°40'
Jun 23 1997	+23°25'	+24°14'	+22°52'	-00°23'	-15°03'	+05°15'	-18°52'	-19°53'	-08°12'	-09°37'
Jun 30 1997	+23°10'	+24°21'	+21°18'	-01°49'	-15°11'	+05°23'	-18°56'	-19°55'	-08°12'	-09°36'
Jul 7 1997	+22°34'	+22°22'	+19°14'	-03°19'	-15°23'	+05°29'	-18°59'	-19°57'	-08°13'	-09°37'
Jul 14 1997	+21°40'	+19°01'	+16°46'	-04°52'	-15°36'	+05°33'	-19°04'	-19°59'	-08°15'	-09°40'
Jul 21 1997	+20°27'	+14°57'	+13°56'	-06°27'	-15°52'	+05°35'	-19°08'	-20°02'	-08°17'	-09°44'
Jul 28 1997	+18°58'	+10°43'	+10°48'	-08°04'	-16°09'	+05°35'	-19°12'	-20°04'	-08°19'	-09°51'
Aug 4 1997	+17°13'	+06°44'	+07°28'	-09°41'	-16°26'	+05°34'	-19°16'	-20°06'	-08°22'	-09°59'
Aug 11 1997	+15°15'	+03°30'	+03°58'	-11°18'	-16°44'	+05°30'	-19°20'	-20°09'	-08°25'	-10°09'
Aug 18 1997	+13°05'	+01°41'	+00°23'	-12°54'	-17°01'	+05°25'	-19°24'	-20°11'	-08°28'	-10°21'
Aug 25 1997	+10°45'	+02°09'	-03°13'	-14°28'	-17°16'	+05°18'	-19°28'	-20°13'	-08°32'	-10°34'
Sep 1 1997	+08°16'	+05°07'	-06°47'	-15°58'	-17°31'	+05°10'	-19°31'	-20°15'	-08°36'	-10°47'
Sep 8 1997	+05°40'	+08°39'	-10°15'	-17°26'	-17°43'	+05°00'	-19°34'	-20°16'	-08°41'	-11°02'
Sep 15 1997	+03°01'	+09°59'	-13°34'	-18°48'	-17°52'	+04°49'	-19°37'	-20°17'	-08°45'	-11°18'
Sep 22 1997	+00°18'	+08°06'	-16°38'	-20°04'	-18°00'	+04°37'	-19°39'	-20°19'	-08°50'	-11°35'
Sep 29 1997	-02°25'	+03°52'	-19°24'	-21°13'	-18°04'	+04°25'	-19°40'	-20°19'	-08°54'	-11°52'
Oct 6 1997	-05°07'	-01°20'	-21°49'	-22°14'	-18°06'	+04°12'	-19°41'	-20°20'	-08°59'	-12°09'
Oct 13 1997	-07°46'	-06°38'	-23°50'	-23°05'	-18°05'	+04°00'	-19°41'	-20°20'	-09°04'	-12°26'
Oct 20 1997	-10°20'	-11°36'	-25°22'	-23°47'	-18°01'	+03°47'	-19°41'	-20°20'	-09°08'	-12°44'
Oct 27 1997	-12°47'	-16°02'	-26°24'	-24°17'	-17°54'	+03°36'	-19°40'	-20°19'	-09°13'	-13°02'
Nov 3 1997	-15°04'	-19°47'	-26°56'	-24°35'	-17°45'	+03°25'	-19°38'	-20°18'	-09°17'	-13°19'
Nov 10 1997	-17°08'	-22°45'	-26°57'	-24°41'	-17°33'	+03°16'	-19°36'	-20°17'	-09°21'	-13°36'
Nov 17 1997	-18°59'	-24°47'	-26°29'	-24°33'	-17°18'	+03°08'	-19°33'	-20°16'	-09°25'	-13°52'
Nov 24 1997	-20°33'	-25°45'	-25°36'	-24°12'	-17°02'	+03°02'	-19°30'	-20°14'	-09°29'	-14°08'
Dec 1 1997	-21°48'	-25°35'	-24°21'	-23°38'	-16°43'	+02°59'	-19°26'	-20°12'	-09°32'	-14°23'
Dec 8 1997	-22°43'	-24°18'	-22°51'	-22°50'	-16°22'	+02°57'	-19°22'	-20°10'	-09°35'	-14°37'
Dec 15 1997	-23°16'	-22°09'	-21°12'	-21°50'	-15°58'	+02°57'	-19°17'	-20°07'	-09°37'	-14°50'
Dec 22 1997	-23°26'	-20°07'	-19°32'	-20°38'	-15°33'	+02°59'	-19°12'	-20°05'	-09°40'	-15°02'
Dec 29 1997	-23°13'	-20°00'	-17°58'	-19°15'	-15°06'	+03°04'	-19°06'	-20°02'	-09°41'	-15°13'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 1998	-22°38'	-21°13'	-16°37'	-17°42'	-14°37'	+03°11'	-19°00'	-19°59'	-09°42'	-15°23'
Jan 12 1998	-21°40'	-22°31'	-15°37'	-15°59'	-14°07'	+03°19'	-18°54'	-19°55'	-09°43'	-15°31'
Jan 19 1998	-20°22'	-23°13'	-15°00'	-14°09'	-13°35'	+03°29'	-18°48'	-19°52'	-09°44'	-15°38'
Jan 26 1998	-18°45'	-23°02'	-14°48'	-12°11'	-13°02'	+03°41'	-18°42'	-19°49'	-09°44'	-15°43'
Feb 2 1998	-16°52'	-21°48'	-14°56'	-10°08'	-12°28'	+03°55'	-18°35'	-19°46'	-09°43'	-15°46'
Feb 9 1998	-14°44'	-19°28'	-15°15'	-08°01'	-11°53'	+04°10'	-18°29'	-19°42'	-09°42'	-15°49'
Feb 16 1998	-12°24'	-16°00'	-15°37'	-05°51'	-11°17'	+04°26'	-18°23'	-19°39'	-09°41'	-15°49'
Feb 23 1998	-09°54'	-11°22'	-15°53'	-03°38'	-10°41'	+04°43'	-18°16'	-19°36'	-09°39'	-15°48'
Mar 2 1998	-07°17'	-05°42'	-15°55'	-01°25'	-10°04'	+05°01'	-18°10'	-19°33'	-09°38'	-15°45'
Mar 9 1998	-04°34'	+00°35'	-15°39'	+00°48'	-09°27'	+05°20'	-18°05'	-19°31'	-09°36'	-15°41'
Mar 16 1998	-01°49'	+06°29'	-15°01'	+03°00'	-08°50'	+05°39'	-17°59'	-19°28'	-09°33'	-15°36'
Mar 23 1998	+00°56'	+10°27'	-14°00'	+05°09'	-08°13'	+05°58'	-17°55'	-19°26'	-09°31'	-15°29'
Mar 30 1998	+03°41'	+11°22'	-12°36'	+07°16'	-07°37'	+06°18'	-17°50'	-19°24'	-09°28'	-15°21'
Apr 6 1998	+06°22'	+09°09'	-10°51'	+09°18'	-07°01'	+06°38'	-17°46'	-19°22'	-09°26'	-15°11'

Apr 13 1998	+08°58'	+05°34'	-08°46'	+11°15'	-06°27'	+06°58'	-17°43'	-19°21'	-09°23'	-15°01'
Apr 20 1998	+11°26'	+03°03'	-06°25'	+13°06'	-05°53'	+07°17'	-17°40'	-19°20'	-09°20'	-14°50'
Apr 27 1998	+13°46'	+02°34'	-03°49'	+14°51'	-05°21'	+07°36'	-17°38'	-19°20'	-09°18'	-14°39'
May 4 1998	+15°54'	+03°56'	-01°04'	+16°28'	-04°50'	+07°55'	-17°37'	-19°19'	-09°16'	-14°28'
May 11 1998	+17°49'	+06°44'	+01°47'	+17°57'	-04°21'	+08°13'	-17°36'	-19°20'	-09°14'	-14°16'
May 18 1998	+19°30'	+10°31'	+04°42'	+19°17'	-03°54'	+08°30'	-17°36'	-19°20'	-09°12'	-14°05'
May 25 1998	+20°54'	+14°54'	+07°36'	+20°28'	-03°30'	+08°46'	-17°37'	-19°21'	-09°10'	-13°55'
Jun 1 1998	+22°01'	+19°22'	+10°26'	+21°30'	-03°07'	+09°01'	-17°38'	-19°22'	-09°09'	-13°45'
Jun 8 1998	+22°49'	+23°03'	+13°08'	+22°21'	-02°48'	+09°15'	-17°40'	-19°24'	-09°08'	-13°37'
Jun 15 1998	+23°17'	+24°55'	+15°37'	+23°02'	-02°32'	+09°28'	-17°42'	-19°25'	-09°08'	-13°30'
Jun 22 1998	+23°26'	+24°35'	+17°49'	+23°32'	-02°18'	+09°40'	-17°45'	-19°27'	-09°08'	-13°24'
Jun 29 1998	+23°14'	+22°30'	+19°42'	+23°52'	-02°09'	+09°50'	-17°49'	-19°30'	-09°08'	-13°20'
Jul 6 1998	+22°42'	+19°22'	+21°10'	+24°01'	-02°02'	+09°59'	-17°53'	-19°32'	-09°09'	-13°18'
Jul 13 1998	+21°51'	+15°49'	+22°12'	+24°00'	-02°00'	+10°06'	-17°57'	-19°34'	-09°10'	-13°17'
Jul 20 1998	+20°42'	+12°23'	+22°43'	+23°49'	-02°01'	+10°11'	-18°02'	-19°37'	-09°12'	-13°17'
Jul 27 1998	+19°15'	+09°38'	+22°44'	+23°28'	-02°06'	+10°15'	-18°06'	-19°39'	-09°14'	-13°20'
Aug 3 1998	+17°33'	+08°15'	+22°12'	+22°58'	-02°15'	+10°17'	-18°11'	-19°42'	-09°17'	-13°24'
Aug 10 1998	+15°37'	+08°53'	+21°09'	+22°20'	-02°27'	+10°18'	-18°15'	-19°44'	-09°19'	-13°29'
Aug 17 1998	+13°29'	+11°18'	+19°36'	+21°33'	-02°42'	+10°17'	-18°20'	-19°47'	-09°23'	-13°36'
Aug 24 1998	+11°10'	+13°50'	+17°35'	+20°39'	-03°00'	+10°14'	-18°24'	-19°49'	-09°26'	-13°44'
Aug 31 1998	+08°43'	+14°43'	+15°10'	+19°37'	-03°21'	+10°09'	-18°28'	-19°51'	-09°30'	-13°53'
Sep 7 1998	+06°08'	+13°04'	+12°24'	+18°30'	-03°42'	+10°03'	-18°31'	-19°53'	-09°34'	-14°04'
Sep 14 1998	+03°29'	+09°06'	+09°22'	+17°17'	-04°05'	+09°56'	-18°34'	-19°54'	-09°38'	-14°15'
Sep 21 1998	+00°47'	+03°55'	+06°06'	+15°59'	-04°27'	+09°47'	-18°37'	-19°55'	-09°42'	-14°26'
Sep 28 1998	-01°56'	-01°35'	+02°41'	+14°37'	-04°48'	+09°37'	-18°39'	-19°56'	-09°47'	-14°39'
Oct 5 1998	-04°38'	-06°54'	-00°48'	+13°12'	-05°08'	+09°26'	-18°40'	-19°57'	-09°51'	-14°51'
Oct 12 1998	-07°18'	-11°48'	-04°18'	+11°43'	-05°25'	+09°15'	-18°41'	-19°57'	-09°56'	-15°05'
Oct 19 1998	-09°53'	-16°08'	-07°44'	+10°12'	-05°39'	+09°03'	-18°41'	-19°57'	-10°00'	-15°18'
Oct 26 1998	-12°21'	-19°48'	-11°02'	+08°40'	-05°50'	+08°52'	-18°41'	-19°57'	-10°05'	-15°31'
Nov 2 1998	-14°40'	-22°39'	-14°08'	+07°07'	-05°57'	+08°40'	-18°39'	-19°56'	-10°09'	-15°44'
Nov 9 1998	-16°47'	-24°31'	-16°56'	+05°33'	-05°59'	+08°30'	-18°38'	-19°55'	-10°13'	-15°57'
Nov 16 1998	-18°40'	-25°10'	-19°22'	+04°00'	-05°58'	+08°20'	-18°35'	-19°54'	-10°17'	-16°09'
Nov 23 1998	-20°17'	-24°18'	-21°22'	+02°27'	-05°53'	+08°12'	-18°32'	-19°52'	-10°20'	-16°21'
Nov 30 1998	-21°36'	-21°27'	-22°52'	+00°56'	-05°44'	+08°05'	-18°28'	-19°50'	-10°23'	-16°32'
Dec 7 1998	-22°34'	-18°16'	-23°49'	-00°33'	-05°32'	+08°00'	-18°24'	-19°47'	-10°26'	-16°43'
Dec 14 1998	-23°11'	-17°53'	-24°10'	-02°00'	-05°15'	+07°56'	-18°19'	-19°45'	-10°29'	-16°53'
Dec 21 1998	-23°26'	-19°33'	-23°55'	-03°24'	-04°56'	+07°55'	-18°14'	-19°42'	-10°31'	-17°02'
Dec 28 1998	-23°17'	-21°36'	-23°03'	-04°45'	-04°33'	+07°55'	-18°08'	-19°39'	-10°32'	-17°10'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 1999	-22°46'	-23°12'	-21°37'	-06°01'	-04°08'	+07°58'	-18°02'	-19°36'	-10°34'	-17°17'
Jan 11 1999	-21°52'	-23°57'	-19°40'	-07°13'	-03°40'	+08°02'	-17°56'	-19°33'	-10°35'	-17°23'
Jan 18 1999	-20°37'	-23°43'	-17°15'	-08°20'	-03°09'	+08°08'	-17°49'	-19°29'	-10°35'	-17°28'
Jan 25 1999	-19°04'	-22°21'	-14°26'	-09°22'	-02°37'	+08°17'	-17°42'	-19°26'	-10°35'	-17°32'
Feb 1 1999	-17°13'	-19°48'	-11°18'	-10°17'	-02°03'	+08°26'	-17°35'	-19°22'	-10°35'	-17°35'
Feb 8 1999	-15°08'	-16°03'	-07°56'	-11°07'	-01°27'	+08°38'	-17°28'	-19°19'	-10°34'	-17°36'
Feb 15 1999	-12°50'	-11°08'	-04°24'	-11°49'	-00°50'	+08°50'	-17°22'	-19°15'	-10°33'	-17°37'
Feb 22 1999	-10°21'	-05°22'	-00°46'	-12°25'	-00°12'	+09°04'	-17°15'	-19°12'	-10°32'	-17°37'

Mar 1 1999	-07°45'	+00°13'	+02°52'	-12°53'	+00°26'	+09°19'	-17°08'	-19°09'	-10°30'	-17°35'
Mar 8 1999	-05°04'	+03°58'	+06°28'	-13°13'	+01°05'	+09°35'	-17°02'	-19°06'	-10°28'	-17°32'
Mar 15 1999	-02°19'	+04°15'	+09°58'	-13°24'	+01°45'	+09°52'	-16°56'	-19°03'	-10°26'	-17°29'
Mar 22 1999	+00°26'	+01°22'	+13°17'	-13°27'	+02°25'	+10°09'	-16°50'	-19°01'	-10°24'	-17°24'
Mar 29 1999	+03°11'	-02°03'	+16°20'	-13°20'	+03°05'	+10°27'	-16°45'	-18°59'	-10°22'	-17°19'
Apr 5 1999	+05°53'	-03°50'	+19°04'	-13°03'	+03°45'	+10°45'	-16°41'	-18°57'	-10°19'	-17°13'
Apr 12 1999	+08°30'	-03°36'	+21°25'	-12°38'	+04°24'	+11°03'	-16°37'	-18°55'	-10°17'	-17°06'
Apr 19 1999	+11°00'	-01°44'	+23°19'	-12°06'	+05°03'	+11°21'	-16°33'	-18°54'	-10°15'	-16°58'
Apr 26 1999	+13°22'	+01°24'	+24°44'	-11°29'	+05°41'	+11°39'	-16°30'	-18°53'	-10°12'	-16°50'
May 3 1999	+15°32'	+05°32'	+25°37'	-10°52'	+06°18'	+11°56'	-16°28'	-18°53'	-10°10'	-16°42'
May 10 1999	+17°30'	+10°24'	+25°57'	-10°19'	+06°54'	+12°13'	-16°27'	-18°53'	-10°08'	-16°34'
May 17 1999	+19°13'	+15°35'	+25°45'	-09°55'	+07°28'	+12°30'	-16°26'	-18°53'	-10°07'	-16°25'
May 24 1999	+20°40'	+20°28'	+25°02'	-09°41'	+08°01'	+12°46'	-16°27'	-18°54'	-10°05'	-16°17'
May 31 1999	+21°50'	+23°59'	+23°50'	-09°41'	+08°33'	+13°01'	-16°27'	-18°55'	-10°04'	-16°10'
Jun 7 1999	+22°42'	+25°23'	+22°14'	-09°54'	+09°02'	+13°15'	-16°29'	-18°56'	-10°03'	-16°02'
Jun 14 1999	+23°14'	+24°49'	+20°18'	-10°19'	+09°30'	+13°29'	-16°31'	-18°58'	-10°03'	-15°56'
Jun 21 1999	+23°26'	+22°52'	+18°06'	-10°55'	+09°56'	+13°41'	-16°34'	-19°00'	-10°03'	-15°50'
Jun 28 1999	+23°17'	+20°13'	+15°43'	-11°40'	+10°19'	+13°52'	-16°37'	-19°02'	-10°03'	-15°46'
Jul 5 1999	+22°49'	+17°28'	+13°16'	-12°34'	+10°40'	+14°02'	-16°41'	-19°05'	-10°03'	-15°42'
Jul 12 1999	+22°01'	+15°14'	+10°50'	-13°34'	+10°59'	+14°11'	-16°45'	-19°07'	-10°05'	-15°40'
Jul 19 1999	+20°55'	+14°07'	+08°34'	-14°38'	+11°15'	+14°19'	-16°50'	-19°10'	-10°06'	-15°39'
Jul 26 1999	+19°32'	+14°31'	+06°36'	-15°46'	+11°28'	+14°25'	-16°55'	-19°13'	-10°08'	-15°39'
Aug 2 1999	+17°52'	+16°03'	+05°08'	-16°55'	+11°38'	+14°30'	-17°00'	-19°15'	-10°10'	-15°40'
Aug 9 1999	+15°59'	+17°45'	+04°23'	-18°05'	+11°46'	+14°33'	-17°05'	-19°18'	-10°13'	-15°43'
Aug 16 1999	+13°52'	+18°29'	+04°26'	-19°14'	+11°50'	+14°35'	-17°10'	-19°20'	-10°16'	-15°46'
Aug 23 1999	+11°35'	+17°19'	+05°15'	-20°21'	+11°51'	+14°36'	-17°14'	-19°23'	-10°19'	-15°51'
Aug 30 1999	+09°09'	+13°58'	+06°31'	-21°23'	+11°48'	+14°35'	-17°19'	-19°25'	-10°23'	-15°56'
Sep 6 1999	+06°36'	+09°06'	+07°51'	-22°21'	+11°43'	+14°33'	-17°23'	-19°27'	-10°26'	-16°03'
Sep 13 1999	+03°58'	+03°37'	+08°55'	-23°12'	+11°34'	+14°29'	-17°26'	-19°29'	-10°30'	-16°10'
Sep 20 1999	+01°16'	-01°51'	+09°34'	-23°56'	+11°23'	+14°24'	-17°30'	-19°30'	-10°34'	-16°17'
Sep 27 1999	-01°27'	-07°04'	+09°44'	-24°31'	+11°09'	+14°18'	-17°32'	-19°31'	-10°38'	-16°26'
Oct 4 1999	-04°10'	-11°49'	+09°24'	-24°55'	+10°53'	+14°11'	-17°34'	-19°32'	-10°43'	-16°34'
Oct 11 1999	-06°50'	-15°59'	+08°35'	-25°09'	+10°35'	+14°02'	-17°36'	-19°33'	-10°47'	-16°43'
Oct 18 1999	-09°26'	-19°26'	+07°18'	-25°11'	+10°15'	+13°53'	-17°36'	-19°33'	-10°51'	-16°52'
Oct 25 1999	-11°56'	-21°56'	+05°37'	-25°01'	+09°56'	+13°44'	-17°36'	-19°33'	-10°55'	-17°01'
Nov 1 1999	-14°16'	-23°08'	+03°36'	-24°39'	+09°37'	+13°34'	-17°35'	-19°32'	-10°59'	-17°10'
Nov 8 1999	-16°26'	-22°21'	+01°17'	-24°03'	+09°19'	+13°24'	-17°34'	-19°31'	-11°03'	-17°18'
Nov 15 1999	-18°21'	-18°45'	-01°15'	-23°16'	+09°02'	+13°15'	-17°32'	-19°30'	-11°07'	-17°27'
Nov 22 1999	-20°01'	-14°49'	-03°56'	-22°16'	+08°48'	+13°06'	-17°29'	-19°28'	-11°10'	-17°34'
Nov 29 1999	-21°23'	-14°27'	-06°41'	-21°04'	+08°38'	+12°58'	-17°25'	-19°26'	-11°13'	-17°42'
Dec 6 1999	-22°26'	-16°40'	-09°27'	-19°41'	+08°30'	+12°51'	-17°21'	-19°23'	-11°16'	-17°49'
Dec 13 1999	-23°06'	-19°29'	-12°07'	-18°09'	+08°26'	+12°45'	-17°16'	-19°21'	-11°18'	-17°55'
Dec 20 1999	-23°25'	-21°59'	-14°38'	-16°27'	+08°26'	+12°40'	-17°11'	-19°18'	-11°20'	-18°00'
Dec 27 1999	-23°20'	-23°43'	-16°55'	-14°38'	+08°30'	+12°37'	-17°05'	-19°15'	-11°22'	-18°05'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 2000	-22°53'	-24°31'	-18°53'	-12°42'	+08°37'	+12°36'	-16°59'	-19°12'	-11°24'	-18°09'
Jan 10 2000	-22°03'	-24°12'	-20°29'	-10°40'	+08°48'	+12°37'	-16°53'	-19°08'	-11°25'	-18°12'

Jan 17 2000	-20°52'	-22°43'	-21°37'	-08°34'	+09°02'	+12°39'	-16°46'	-19°05'	-11°25'	-18°14'
Jan 24 2000	-19°22'	-19°59'	-22°15'	-06°24'	+09°19'	+12°43'	-16°39'	-19°01'	-11°25'	-18°16'
Jan 31 2000	-17°34'	-16°02'	-22°22'	-04°13'	+09°39'	+12°49'	-16°31'	-18°57'	-11°25'	-18°17'
Feb 7 2000	-15°31'	-11°05'	-21°57'	-02°00'	+10°01'	+12°56'	-16°24'	-18°53'	-11°25'	-18°17'
Feb 14 2000	-13°15'	-06°02'	-20°59'	+00°11'	+10°26'	+13°05'	-16°17'	-18°50'	-11°24'	-18°16'
Feb 21 2000	-10°48'	-02°43'	-19°31'	+02°23'	+10°52'	+13°15'	-16°09'	-18°46'	-11°23'	-18°14'
Feb 28 2000	-08°13'	-03°00'	-17°35'	+04°32'	+11°20'	+13°26'	-16°02'	-18°43'	-11°21'	-18°12'
Mar 6 2000	-05°32'	-06°03'	-15°15'	+06°39'	+11°48'	+13°39'	-15°55'	-18°40'	-11°20'	-18°09'
Mar 13 2000	-02°48'	-08°52'	-12°34'	+08°42'	+12°18'	+13°52'	-15°49'	-18°37'	-11°18'	-18°06'
Mar 20 2000	-00°02'	-09°57'	-09°36'	+10°40'	+12°48'	+14°05'	-15°42'	-18°34'	-11°16'	-18°02'
Mar 27 2000	+02°42'	-09°18'	-06°25'	+12°32'	+13°19'	+14°20'	-15°37'	-18°32'	-11°14'	-17°58'
Apr 3 2000	+05°25'	-07°12'	-03°06'	+14°18'	+13°50'	+14°35'	-15°31'	-18°29'	-11°12'	-17°53'
Apr 10 2000	+08°03'	-03°57'	+00°17'	+15°58'	+14°21'	+14°50'	-15°27'	-18°28'	-11°09'	-17°48'
Apr 17 2000	+10°34'	+00°18'	+03°42'	+17°29'	+14°51'	+15°05'	-15°23'	-18°26'	-11°07'	-17°42'
Apr 24 2000	+12°57'	+05°21'	+07°04'	+18°53'	+15°21'	+15°20'	-15°19'	-18°25'	-11°05'	-17°37'
May 1 2000	+15°09'	+10°59'	+10°18'	+20°07'	+15°51'	+15°35'	-15°16'	-18°25'	-11°03'	-17°31'
May 8 2000	+17°10'	+16°42'	+13°20'	+21°13'	+16°20'	+15°50'	-15°14'	-18°24'	-11°01'	-17°25'
May 15 2000	+18°56'	+21°34'	+16°07'	+22°08'	+16°47'	+16°04'	-15°13'	-18°25'	-11°00'	-17°20'
May 22 2000	+20°26'	+24°38'	+18°34'	+22°54'	+17°14'	+16°18'	-15°13'	-18°25'	-10°58'	-17°14'
May 29 2000	+21°39'	+25°38'	+20°38'	+23°29'	+17°39'	+16°32'	-15°13'	-18°26'	-10°57'	-17°09'
Jun 5 2000	+22°34'	+25°01'	+22°13'	+23°54'	+18°04'	+16°45'	-15°14'	-18°28'	-10°56'	-17°04'
Jun 12 2000	+23°10'	+23°24'	+23°18'	+24°08'	+18°27'	+16°57'	-15°16'	-18°29'	-10°56'	-17°00'
Jun 19 2000	+23°25'	+21°22'	+23°50'	+24°13'	+18°48'	+17°08'	-15°18'	-18°31'	-10°56'	-16°56'
Jun 26 2000	+23°20'	+19°28'	+23°47'	+24°07'	+19°08'	+17°19'	-15°21'	-18°33'	-10°56'	-16°53'
Jul 3 2000	+22°56'	+18°14'	+23°10'	+23°51'	+19°27'	+17°29'	-15°25'	-18°36'	-10°57'	-16°50'
Jul 10 2000	+22°11'	+17°59'	+22°00'	+23°25'	+19°44'	+17°38'	-15°29'	-18°39'	-10°58'	-16°48'
Jul 17 2000	+21°08'	+18°44'	+20°18'	+22°51'	+19°59'	+17°45'	-15°34'	-18°41'	-10°59'	-16°47'
Jul 24 2000	+19°48'	+20°00'	+18°08'	+22°07'	+20°13'	+17°52'	-15°39'	-18°44'	-11°01'	-16°47'
Jul 31 2000	+18°11'	+20°57'	+15°33'	+21°16'	+20°25'	+17°58'	-15°44'	-18°47'	-11°03'	-16°48'
Aug 7 2000	+16°20'	+20°35'	+12°38'	+20°17'	+20°36'	+18°03'	-15°49'	-18°50'	-11°05'	-16°49'
Aug 14 2000	+14°16'	+18°10'	+09°27'	+19°12'	+20°46'	+18°07'	-15°54'	-18°52'	-11°08'	-16°51'
Aug 21 2000	+12°00'	+13°58'	+06°03'	+17°59'	+20°54'	+18°09'	-15°59'	-18°55'	-11°11'	-16°54'
Aug 28 2000	+09°36'	+08°47'	+02°32'	+16°42'	+21°00'	+18°11'	-16°04'	-18°57'	-11°14'	-16°57'
Sep 4 2000	+07°04'	+03°21'	-01°03'	+15°19'	+21°05'	+18°11'	-16°09'	-19°00'	-11°17'	-17°01'
Sep 11 2000	+04°26'	-01°58'	-04°39'	+13°51'	+21°09'	+18°11'	-16°13'	-19°02'	-11°21'	-17°06'
Sep 18 2000	+01°45'	-06°58'	-08°10'	+12°20'	+21°11'	+18°09'	-16°17'	-19°03'	-11°25'	-17°11'
Sep 25 2000	-00°57'	-11°28'	-11°34'	+10°46'	+21°12'	+18°07'	-16°20'	-19°05'	-11°29'	-17°16'
Oct 2 2000	-03°41'	-15°17'	-14°44'	+09°08'	+21°12'	+18°03'	-16°23'	-19°06'	-11°33'	-17°22'
Oct 9 2000	-06°22'	-18°10'	-17°38'	+07°29'	+21°10'	+17°59'	-16°25'	-19°06'	-11°37'	-17°28'
Oct 16 2000	-08°59'	-19°36'	-20°11'	+05°48'	+21°07'	+17°53'	-16°26'	-19°07'	-11°41'	-17°33'
Oct 23 2000	-11°30'	-18°36'	-22°17'	+04°05'	+21°03'	+17°47'	-16°27'	-19°07'	-11°45'	-17°39'
Oct 30 2000	-13°52'	-14°22'	-23°55'	+02°23'	+20°58'	+17°41'	-16°26'	-19°06'	-11°48'	-17°44'
Nov 6 2000	-16°04'	-10°09'	-25°00'	+00°40'	+20°51'	+17°34'	-16°25'	-19°05'	-11°52'	-17°49'
Nov 13 2000	-18°02'	-10°01'	-25°29'	-01°01'	+20°44'	+17°27'	-16°24'	-19°04'	-11°56'	-17°54'
Nov 20 2000	-19°45'	-12°46'	-25°23'	-02°42'	+20°35'	+17°19'	-16°21'	-19°02'	-11°59'	-17°59'
Nov 27 2000	-21°10'	-16°20'	-24°41'	-04°22'	+20°27'	+17°12'	-16°18'	-19°00'	-12°02'	-18°03'
Dec 4 2000	-22°16'	-19°40'	-23°26'	-06°00'	+20°18'	+17°06'	-16°14'	-18°58'	-12°04'	-18°06'

Dec 11 2000	-23°01'	-22°21'	-21°39'	-07°35'	+20°09'	+16°59'	-16°09'	-18°55'	-12°07'	-18°09'
Dec 18 2000	-23°23'	-24°10'	-19°24'	-09°07'	+20°01'	+16°54'	-16°04'	-18°52'	-12°09'	-18°11'
Dec 25 2000	-23°23'	-24°57'	-16°47'	-10°36'	+19°54'	+16°50'	-15°59'	-18°49'	-12°11'	-18°13'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 2001	-22°59'	-24°36'	-13°51'	-12°01'	+19°48'	+16°47'	-15°52'	-18°46'	-12°12'	-18°14'
Jan 8 2001	-22°13'	-23°01'	-10°41'	-13°21'	+19°44'	+16°45'	-15°46'	-18°42'	-12°13'	-18°14'
Jan 15 2001	-21°06'	-20°10'	-07°23'	-14°37'	+19°41'	+16°44'	-15°39'	-18°38'	-12°14'	-18°14'
Jan 22 2001	-19°39'	-16°14'	-04°00'	-15°49'	+19°41'	+16°45'	-15°31'	-18°35'	-12°14'	-18°13'
Jan 29 2001	-17°54'	-11°58'	-00°37'	-16°54'	+19°43'	+16°47'	-15°24'	-18°31'	-12°14'	-18°11'
Feb 5 2001	-15°54'	-09°10'	+02°40'	-17°55'	+19°47'	+16°50'	-15°16'	-18°27'	-12°14'	-18°09'
Feb 12 2001	-13°40'	-09°40'	+05°46'	-18°50'	+19°53'	+16°55'	-15°08'	-18°23'	-12°13'	-18°07'
Feb 19 2001	-11°15'	-12°19'	+08°35'	-19°39'	+20°00'	+17°01'	-15°01'	-18°19'	-12°12'	-18°03'
Feb 26 2001	-08°41'	-14°23'	+11°00'	-20°23'	+20°09'	+17°08'	-14°53'	-18°16'	-12°11'	-18°00'
Mar 5 2001	-06°01'	-15°00'	+12°48'	-21°01'	+20°19'	+17°16'	-14°45'	-18°12'	-12°09'	-17°56'
Mar 12 2001	-03°17'	-14°13'	+13°47'	-21°35'	+20°31'	+17°25'	-14°38'	-18°09'	-12°08'	-17°52'
Mar 19 2001	-00°32'	-12°12'	+13°40'	-22°04'	+20°43'	+17°34'	-14°31'	-18°06'	-12°06'	-17°47'
Mar 26 2001	+02°13'	-09°04'	+12°21'	-22°29'	+20°55'	+17°45'	-14°25'	-18°03'	-12°04'	-17°43'
Apr 2 2001	+04°56'	-04°57'	+10°03'	-22°51'	+21°08'	+17°56'	-14°19'	-18°01'	-12°02'	-17°38'
Apr 9 2001	+07°35'	+00°04'	+07°25'	-23°11'	+21°22'	+18°07'	-14°14'	-17°59'	-12°00'	-17°33'
Apr 16 2001	+10°08'	+05°50'	+05°09'	-23°29'	+21°35'	+18°18'	-14°09'	-17°57'	-11°58'	-17°29'
Apr 23 2001	+12°32'	+12°01'	+03°38'	-23°47'	+21°47'	+18°29'	-14°05'	-17°56'	-11°56'	-17°24'
Apr 30 2001	+14°47'	+17°52'	+02°58'	-24°06'	+21°59'	+18°41'	-14°01'	-17°55'	-11°55'	-17°20'
May 7 2001	+16°49'	+22°19'	+03°05'	-24°27'	+22°11'	+18°52'	-13°58'	-17°55'	-11°53'	-17°16'
May 14 2001	+18°38'	+24°47'	+03°50'	-24°50'	+22°22'	+19°03'	-13°56'	-17°55'	-11°51'	-17°12'
May 21 2001	+20°11'	+25°27'	+05°06'	-25°14'	+22°32'	+19°14'	-13°55'	-17°55'	-11°50'	-17°08'
May 28 2001	+21°28'	+24°45'	+06°43'	-25°39'	+22°40'	+19°24'	-13°55'	-17°56'	-11°49'	-17°05'
Jun 4 2001	+22°26'	+23°11'	+08°36'	-26°03'	+22°48'	+19°34'	-13°56'	-17°57'	-11°48'	-17°02'
Jun 11 2001	+23°05'	+21°12'	+10°37'	-26°24'	+22°55'	+19°44'	-13°57'	-17°59'	-11°48'	-17°00'
Jun 18 2001	+23°24'	+19°26'	+12°41'	-26°39'	+23°00'	+19°52'	-13°59'	-18°01'	-11°48'	-16°58'
Jun 25 2001	+23°23'	+18°36'	+14°43'	-26°47'	+23°04'	+20°01'	-14°02'	-18°03'	-11°48'	-16°57'
Jul 2 2001	+23°01'	+19°01'	+16°38'	-26°51'	+23°07'	+20°08'	-14°05'	-18°05'	-11°48'	-16°56'
Jul 9 2001	+22°21'	+20°23'	+18°21'	-26°51'	+23°09'	+20°15'	-14°09'	-18°08'	-11°49'	-16°55'
Jul 16 2001	+21°21'	+21°54'	+19°48'	-26°50'	+23°09'	+20°21'	-14°13'	-18°11'	-11°50'	-16°56'
Jul 23 2001	+20°03'	+22°34'	+20°54'	-26°50'	+23°09'	+20°27'	-14°18'	-18°14'	-11°52'	-16°56'
Jul 30 2001	+18°29'	+21°25'	+21°37'	-26°51'	+23°07'	+20°32'	-14°23'	-18°17'	-11°54'	-16°57'
Aug 6 2001	+16°40'	+18°14'	+21°54'	-26°54'	+23°05'	+20°36'	-14°29'	-18°20'	-11°56'	-16°59'
Aug 13 2001	+14°38'	+13°41'	+21°42'	-26°58'	+23°02'	+20°39'	-14°34'	-18°23'	-11°58'	-17°01'
Aug 20 2001	+12°25'	+08°32'	+21°02'	-27°00'	+22°58'	+20°42'	-14°40'	-18°25'	-12°01'	-17°04'
Aug 27 2001	+10°02'	+03°17'	+19°52'	-27°01'	+22°54'	+20°44'	-14°45'	-18°28'	-12°04'	-17°07'
Sep 3 2001	+07°31'	-01°45'	+18°15'	-26°58'	+22°49'	+20°46'	-14°50'	-18°30'	-12°07'	-17°10'
Sep 10 2001	+04°54'	-06°23'	+16°13'	-26°50'	+22°44'	+20°47'	-14°55'	-18°33'	-12°11'	-17°14'
Sep 17 2001	+02°14'	-10°23'	+13°48'	-26°35'	+22°40'	+20°47'	-15°00'	-18°35'	-12°14'	-17°17'
Sep 24 2001	-00°29'	-13°24'	+11°03'	-26°12'	+22°35'	+20°47'	-15°03'	-18°36'	-12°18'	-17°21'
Oct 1 2001	-03°12'	-14°46'	+08°03'	-25°41'	+22°31'	+20°46'	-15°07'	-18°37'	-12°22'	-17°25'
Oct 8 2001	-05°54'	-13°21'	+04°51'	-25°01'	+22°28'	+20°44'	-15°09'	-18°38'	-12°25'	-17°29'
Oct 15 2001	-08°32'	-08°45'	+01°31'	-24°11'	+22°25'	+20°42'	-15°11'	-18°39'	-12°29'	-17°32'
Oct 22 2001	-11°04'	-04°43'	-01°53'	-23°12'	+22°23'	+20°40'	-15°12'	-18°39'	-12°33'	-17°36'

Oct 29 2001	-13°28'	-04°55'	-05°16'	-22°02'	+22°23'	+20°37'	-15°13'	-18°38'	-12°36'	-17°39'
Nov 5 2001	-15°41'	-08°08'	-08°36'	-20°44'	+22°23'	+20°34'	-15°12'	-18°38'	-12°40'	-17°42'
Nov 12 2001	-17°42'	-12°19'	-11°46'	-19°16'	+22°25'	+20°30'	-15°11'	-18°37'	-12°43'	-17°44'
Nov 19 2001	-19°28'	-16°25'	-14°43'	-17°41'	+22°28'	+20°26'	-15°09'	-18°35'	-12°46'	-17°46'
Nov 26 2001	-20°56'	-19°57'	-17°22'	-15°58'	+22°32'	+20°22'	-15°06'	-18°33'	-12°49'	-17°48'
Dec 3 2001	-22°06'	-22°43'	-19°37'	-14°08'	+22°37'	+20°18'	-15°03'	-18°31'	-12°52'	-17°49'
Dec 10 2001	-22°54'	-24°33'	-21°27'	-12°13'	+22°42'	+20°14'	-14°58'	-18°28'	-12°54'	-17°49'
Dec 17 2001	-23°21'	-25°20'	-22°45'	-10°13'	+22°48'	+20°10'	-14°53'	-18°25'	-12°56'	-17°49'
Dec 24 2001	-23°24'	-24°56'	-23°30'	-08°10'	+22°54'	+20°07'	-14°48'	-18°22'	-12°58'	-17°48'
Dec 31 2001	-23°05'	-23°18'	-23°39'	-06°03'	+23°00'	+20°04'	-14°42'	-18°18'	-12°59'	-17°46'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 2002	-22°23'	-20°31'	-23°13'	-03°56'	+23°05'	+20°01'	-14°35'	-18°15'	-13°00'	-17°44'
Jan 14 2002	-21°20'	-17°11'	-22°12'	-01°47'	+23°10'	+20°00'	-14°28'	-18°11'	-13°01'	-17°42'
Jan 21 2002	-19°56'	-14°51'	-20°37'	+00°21'	+23°14'	+19°59'	-14°20'	-18°07'	-13°01'	-17°39'
Jan 28 2002	-18°14'	-15°08'	-18°33'	+02°28'	+23°18'	+19°59'	-14°13'	-18°03'	-13°01'	-17°35'
Feb 4 2002	-16°16'	-16°55'	-16°03'	+04°34'	+23°21'	+19°59'	-14°05'	-17°59'	-13°01'	-17°31'
Feb 11 2002	-14°04'	-18°20'	-13°11'	+06°37'	+23°23'	+20°01'	-13°57'	-17°55'	-13°01'	-17°26'
Feb 18 2002	-11°41'	-18°47'	-10°01'	+08°37'	+23°25'	+20°04'	-13°49'	-17°51'	-13°00'	-17°21'
Feb 25 2002	-09°09'	-18°11'	-06°39'	+10°32'	+23°26'	+20°07'	-13°40'	-17°47'	-12°59'	-17°16'
Mar 4 2002	-06°30'	-16°29'	-03°08'	+12°22'	+23°27'	+20°11'	-13°32'	-17°43'	-12°57'	-17°11'
Mar 11 2002	-03°47'	-13°44'	+00°26'	+14°07'	+23°27'	+20°16'	-13°25'	-17°40'	-12°56'	-17°06'
Mar 18 2002	-01°01'	-09°57'	+04°02'	+15°45'	+23°27'	+20°22'	-13°17'	-17°36'	-12°54'	-17°00'
Mar 25 2002	+01°44'	-05°12'	+07°33'	+17°17'	+23°26'	+20°28'	-13°10'	-17°33'	-12°53'	-16°55'
Apr 1 2002	+04°28'	+00°26'	+10°56'	+18°40'	+23°25'	+20°34'	-13°04'	-17°31'	-12°51'	-16°50'
Apr 8 2002	+07°07'	+06°45'	+14°06'	+19°56'	+23°23'	+20°41'	-12°58'	-17°28'	-12°49'	-16°45'
Apr 15 2002	+09°41'	+13°09'	+17°00'	+21°03'	+23°20'	+20°48'	-12°52'	-17°26'	-12°48'	-16°40'
Apr 22 2002	+12°07'	+18°37'	+19°32'	+22°01'	+23°17'	+20°55'	-12°47'	-17°25'	-12°46'	-16°35'
Apr 29 2002	+14°24'	+22°15'	+21°39'	+22°49'	+23°13'	+21°02'	-12°43'	-17°24'	-12°44'	-16°31'
May 6 2002	+16°28'	+23°52'	+23°18'	+23°28'	+23°08'	+21°09'	-12°40'	-17°23'	-12°43'	-16°28'
May 13 2002	+18°20'	+23°43'	+24°24'	+23°56'	+23°01'	+21°16'	-12°37'	-17°23'	-12°41'	-16°25'
May 20 2002	+19°56'	+22°05'	+24°57'	+24°15'	+22°54'	+21°22'	-12°35'	-17°23'	-12°40'	-16°22'
May 27 2002	+21°15'	+19°33'	+24°55'	+24°24'	+22°45'	+21°28'	-12°34'	-17°24'	-12°39'	-16°20'
Jun 3 2002	+22°17'	+17°17'	+24°18'	+24°23'	+22°36'	+21°34'	-12°34'	-17°25'	-12°39'	-16°19'
Jun 10 2002	+22°59'	+16°24'	+23°08'	+24°12'	+22°25'	+21°39'	-12°35'	-17°27'	-12°38'	-16°18'
Jun 17 2002	+23°22'	+17°06'	+21°28'	+23°51'	+22°13'	+21°44'	-12°36'	-17°28'	-12°38'	-16°17'
Jun 24 2002	+23°24'	+18°57'	+19°20'	+23°21'	+22°00'	+21°49'	-12°39'	-17°31'	-12°38'	-16°17'
Jul 1 2002	+23°07'	+21°16'	+16°50'	+22°43'	+21°45'	+21°53'	-12°42'	-17°33'	-12°39'	-16°18'
Jul 8 2002	+22°29'	+23°07'	+14°00'	+21°56'	+21°30'	+21°56'	-12°45'	-17°36'	-12°39'	-16°19'
Jul 15 2002	+21°33'	+23°26'	+10°54'	+21°01'	+21°13'	+21°59'	-12°49'	-17°39'	-12°40'	-16°21'
Jul 22 2002	+20°18'	+21°38'	+07°38'	+19°59'	+20°56'	+22°01'	-12°54'	-17°42'	-12°42'	-16°23'
Jul 29 2002	+18°47'	+18°04'	+04°14'	+18°50'	+20°38'	+22°03'	-12°59'	-17°45'	-12°44'	-16°25'
Aug 5 2002	+17°01'	+13°29'	+00°46'	+17°35'	+20°18'	+22°05'	-13°05'	-17°48'	-12°46'	-16°28'
Aug 12 2002	+15°01'	+08°33'	-02°41'	+16°14'	+19°59'	+22°06'	-13°11'	-17°51'	-12°48'	-16°31'
Aug 19 2002	+12°49'	+03°38'	-06°05'	+14°48'	+19°39'	+22°07'	-13°16'	-17°54'	-12°50'	-16°34'
Aug 26 2002	+10°28'	-00°56'	-09°22'	+13°18'	+19°18'	+22°08'	-13°22'	-17°57'	-12°53'	-16°37'
Sep 2 2002	+07°58'	-04°54'	-12°29'	+11°43'	+18°57'	+22°08'	-13°28'	-17°59'	-12°56'	-16°41'
Sep 9 2002	+05°23'	-07°49'	-15°22'	+10°05'	+18°37'	+22°08'	-13°33'	-18°02'	-12°59'	-16°44'

Sep 16 2002	+02°42'	-08°53'	-17°57'	+08°24'	+18°16'	+22°08'	-13°38'	-18°04'	-13°03'	-16°48'
Sep 23 2002	-00°00'	-07°01'	-20°09'	+06°41'	+17°57'	+22°07'	-13°42'	-18°06'	-13°06'	-16°51'
Sep 30 2002	-02°43'	-02°26'	-21°52'	+04°56'	+17°38'	+22°07'	-13°46'	-18°07'	-13°09'	-16°54'
Oct 7 2002	-05°25'	+01°02'	-22°59'	+03°09'	+17°19'	+22°07'	-13°50'	-18°08'	-13°13'	-16°57'
Oct 14 2002	-08°04'	+00°30'	-23°17'	+01°22'	+17°03'	+22°06'	-13°52'	-18°09'	-13°16'	-17°00'
Oct 21 2002	-10°37'	-03°01'	-22°33'	-00°24'	+16°47'	+22°06'	-13°54'	-18°09'	-13°20'	-17°02'
Oct 28 2002	-13°03'	-07°41'	-20°42'	-02°12'	+16°34'	+22°06'	-13°55'	-18°09'	-13°23'	-17°04'
Nov 4 2002	-15°18'	-12°23'	-18°01'	-03°58'	+16°22'	+22°05'	-13°55'	-18°09'	-13°26'	-17°06'
Nov 11 2002	-17°22'	-16°40'	-15°11'	-05°44'	+16°13'	+22°05'	-13°54'	-18°08'	-13°29'	-17°07'
Nov 18 2002	-19°10'	-20°16'	-12°53'	-07°27'	+16°06'	+22°05'	-13°53'	-18°06'	-13°32'	-17°07'
Nov 25 2002	-20°42'	-23°03'	-11°29'	-09°08'	+16°02'	+22°04'	-13°51'	-18°04'	-13°35'	-17°07'
Dec 2 2002	-21°55'	-24°53'	-11°01'	-10°46'	+16°02'	+22°04'	-13°47'	-18°02'	-13°38'	-17°06'
Dec 9 2002	-22°47'	-25°39'	-11°18'	-12°21'	+16°04'	+22°03'	-13°44'	-17°59'	-13°40'	-17°05'
Dec 16 2002	-23°18'	-25°14'	-12°10'	-13°51'	+16°09'	+22°03'	-13°39'	-17°56'	-13°42'	-17°03'
Dec 23 2002	-23°26'	-23°39'	-13°24'	-15°17'	+16°16'	+22°02'	-13°34'	-17°53'	-13°43'	-17°00'
Dec 30 2002	-23°10'	-21°19'	-14°51'	-16°38'	+16°27'	+22°02'	-13°28'	-17°50'	-13°45'	-16°57'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 2003	-22°32'	-19°20'	-16°22'	-17°52'	+16°40'	+22°02'	-13°21'	-17°46'	-13°46'	-16°53'
Jan 13 2003	-21°32'	-18°53'	-17°49'	-19°01'	+16°54'	+22°01'	-13°14'	-17°42'	-13°46'	-16°49'
Jan 20 2003	-20°12'	-19°35'	-19°06'	-20°03'	+17°10'	+22°01'	-13°06'	-17°38'	-13°47'	-16°44'
Jan 27 2003	-18°33'	-20°35'	-20°07'	-20°57'	+17°27'	+22°01'	-12°58'	-17°34'	-13°47'	-16°39'
Feb 3 2003	-16°38'	-21°12'	-20°48'	-21°44'	+17°44'	+22°02'	-12°50'	-17°29'	-13°47'	-16°33'
Feb 10 2003	-14°29'	-21°02'	-21°04'	-22°23'	+18°00'	+22°03'	-12°42'	-17°25'	-13°46'	-16°27'
Feb 17 2003	-12°07'	-19°54'	-20°54'	-22°53'	+18°16'	+22°04'	-12°34'	-17°21'	-13°46'	-16°21'
Feb 24 2003	-09°37'	-17°44'	-20°16'	-23°15'	+18°29'	+22°05'	-12°25'	-17°17'	-13°45'	-16°15'
Mar 3 2003	-06°59'	-14°31'	-19°10'	-23°29'	+18°41'	+22°07'	-12°17'	-17°13'	-13°44'	-16°08'
Mar 10 2003	-04°16'	-10°15'	-17°37'	-23°34'	+18°51'	+22°09'	-12°09'	-17°09'	-13°43'	-16°01'
Mar 17 2003	-01°30'	-04°59'	-15°40'	-23°31'	+18°58'	+22°11'	-12°01'	-17°05'	-13°41'	-15°55'
Mar 24 2003	+01°14'	+01°09'	-13°21'	-23°19'	+19°03'	+22°14'	-11°53'	-17°02'	-13°40'	-15°49'
Mar 31 2003	+03°59'	+07°44'	-10°44'	-23°00'	+19°05'	+22°16'	-11°46'	-16°59'	-13°38'	-15°43'
Apr 7 2003	+06°40'	+13°48'	-07°51'	-22°34'	+19°05'	+22°19'	-11°39'	-16°57'	-13°37'	-15°37'
Apr 14 2003	+09°15'	+18°11'	-04°48'	-22°02'	+19°02'	+22°22'	-11°33'	-16°55'	-13°35'	-15°31'
Apr 21 2003	+11°42'	+20°19'	-01°37'	-21°23'	+18°57'	+22°24'	-11°27'	-16°53'	-13°33'	-15°27'
Apr 28 2003	+14°00'	+20°06'	+01°38'	-20°40'	+18°50'	+22°27'	-11°23'	-16°51'	-13°32'	-15°22'
May 5 2003	+16°07'	+17°50'	+04°53'	-19°53'	+18°40'	+22°29'	-11°18'	-16°51'	-13°31'	-15°19'
May 12 2003	+18°01'	+14°43'	+08°04'	-19°03'	+18°28'	+22°31'	-11°15'	-16°50'	-13°29'	-15°16'
May 19 2003	+19°40'	+12°30'	+11°07'	-18°10'	+18°15'	+22°33'	-11°13'	-16°50'	-13°28'	-15°13'
May 26 2003	+21°03'	+12°07'	+13°58'	-17°18'	+17°59'	+22°35'	-11°11'	-16°51'	-13°28'	-15°12'
Jun 2 2003	+22°07'	+13°28'	+16°34'	-16°26'	+17°42'	+22°36'	-11°10'	-16°52'	-13°27'	-15°11'
Jun 9 2003	+22°53'	+16°01'	+18°50'	-15°37'	+17°22'	+22°36'	-11°10'	-16°53'	-13°27'	-15°10'
Jun 16 2003	+23°19'	+19°09'	+20°42'	-14°51'	+17°02'	+22°36'	-11°11'	-16°55'	-13°27'	-15°11'
Jun 23 2003	+23°25'	+22°10'	+22°07'	-14°11'	+16°39'	+22°36'	-11°13'	-16°57'	-13°27'	-15°12'
Jun 30 2003	+23°11'	+24°02'	+23°01'	-13°39'	+16°15'	+22°36'	-11°15'	-16°59'	-13°27'	-15°14'
Jul 7 2003	+22°37'	+23°53'	+23°23'	-13°16'	+15°50'	+22°35'	-11°19'	-17°02'	-13°28'	-15°16'
Jul 14 2003	+21°44'	+21°38'	+23°12'	-13°03'	+15°23'	+22°33'	-11°23'	-17°05'	-13°29'	-15°19'
Jul 21 2003	+20°33'	+17°58'	+22°27'	-13°03'	+14°56'	+22°31'	-11°27'	-17°08'	-13°30'	-15°22'
Jul 28 2003	+19°04'	+13°36'	+21°10'	-13°15'	+14°27'	+22°29'	-11°32'	-17°11'	-13°32'	-15°25'



Aug 4 2003	+17°21'	+09°03'	+19°22'	-13°40'	+13°57'	+22°27'	-11°38'	-17°14'	-13°34'	-15°29'
Aug 11 2003	+15°23'	+04°42'	+17°08'	-14°13'	+13°27'	+22°24'	-11°43'	-17°18'	-13°36'	-15°33'
Aug 18 2003	+13°14'	+00°57'	+14°30'	-14°52'	+12°56'	+22°21'	-11°49'	-17°21'	-13°38'	-15°37'
Aug 25 2003	+10°54'	-01°38'	+11°33'	-15°31'	+12°24'	+22°19'	-11°55'	-17°24'	-13°41'	-15°42'
Sep 1 2003	+08°25'	-02°17'	+08°20'	-16°03'	+11°52'	+22°16'	-12°01'	-17°27'	-13°43'	-15°46'
Sep 8 2003	+05°51'	-00°06'	+04°57'	-16°23'	+11°20'	+22°13'	-12°07'	-17°29'	-13°46'	-15°50'
Sep 15 2003	+03°11'	+04°01'	+01°26'	-16°28'	+10°48'	+22°10'	-12°12'	-17°32'	-13°49'	-15°54'
Sep 22 2003	+00°28'	+06°45'	-02°07'	-16°16'	+10°17'	+22°08'	-12°17'	-17°34'	-13°52'	-15°57'
Sep 29 2003	-02°14'	+05°59'	-05°40'	-15°49'	+09°45'	+22°06'	-12°22'	-17°36'	-13°56'	-16°01'
Oct 6 2003	-04°57'	+02°19'	-09°07'	-15°07'	+09°15'	+22°04'	-12°26'	-17°37'	-13°59'	-16°03'
Oct 13 2003	-07°36'	-02°37'	-12°24'	-14°13'	+08°45'	+22°03'	-12°29'	-17°38'	-14°02'	-16°06'
Oct 20 2003	-10°10'	-07°47'	-15°27'	-13°08'	+08°17'	+22°03'	-12°31'	-17°38'	-14°05'	-16°08'
Oct 27 2003	-12°38'	-12°38'	-18°11'	-11°55'	+07°49'	+22°03'	-12°33'	-17°38'	-14°08'	-16°09'
Nov 3 2003	-14°55'	-16°55'	-20°32'	-10°33'	+07°24'	+22°03'	-12°34'	-17°38'	-14°11'	-16°10'
Nov 10 2003	-17°01'	-20°31'	-22°25'	-09°05'	+07°00'	+22°04'	-12°34'	-17°37'	-14°14'	-16°11'
Nov 17 2003	-18°52'	-23°17'	-23°46'	-07°32'	+06°39'	+22°06'	-12°33'	-17°36'	-14°17'	-16°10'
Nov 24 2003	-20°27'	-25°06'	-24°33'	-05°54'	+06°20'	+22°08'	-12°31'	-17°34'	-14°20'	-16°09'
Dec 1 2003	-21°43'	-25°50'	-24°44'	-04°12'	+06°03'	+22°10'	-12°29'	-17°32'	-14°22'	-16°08'
Dec 8 2003	-22°40'	-25°26'	-24°18'	-02°27'	+05°50'	+22°13'	-12°25'	-17°29'	-14°24'	-16°05'
Dec 15 2003	-23°14'	-24°02'	-23°16'	-00°40'	+05°40'	+22°16'	-12°21'	-17°26'	-14°26'	-16°02'
Dec 22 2003	-23°26'	-22°11'	-21°40'	+01°08'	+05°33'	+22°20'	-12°16'	-17°23'	-14°27'	-15°59'
Dec 29 2003	-23°15'	-20°37'	-19°34'	+02°57'	+05°30'	+22°23'	-12°10'	-17°19'	-14°29'	-15°54'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 2004	-22°41'	-20°17'	-17°01'	+04°46'	+05°31'	+22°26'	-12°04'	-17°15'	-14°30'	-15°50'
Jan 12 2004	-21°45'	-21°09'	-14°06'	+06°35'	+05°35'	+22°29'	-11°57'	-17°11'	-14°30'	-15°44'
Jan 19 2004	-20°28'	-22°12'	-10°53'	+08°22'	+05°43'	+22°32'	-11°49'	-17°07'	-14°31'	-15°38'
Jan 26 2004	-18°52'	-22°41'	-07°27'	+10°06'	+05°54'	+22°35'	-11°41'	-17°03'	-14°31'	-15°32'
Feb 2 2004	-17°00'	-22°19'	-03°52'	+11°48'	+06°09'	+22°38'	-11°33'	-16°58'	-14°31'	-15°25'
Feb 9 2004	-14°53'	-20°55'	-00°12'	+13°26'	+06°26'	+22°40'	-11°25'	-16°54'	-14°30'	-15°18'
Feb 16 2004	-12°33'	-18°27'	+03°27'	+14°59'	+06°45'	+22°42'	-11°16'	-16°50'	-14°30'	-15°10'
Feb 23 2004	-10°04'	-14°52'	+07°03'	+16°28'	+07°06'	+22°44'	-11°07'	-16°45'	-14°29'	-15°03'
Mar 1 2004	-07°27'	-10°11'	+10°32'	+17°51'	+07°28'	+22°45'	-10°59'	-16°41'	-14°28'	-14°55'
Mar 8 2004	-04°45'	-04°28'	+13°49'	+19°07'	+07°49'	+22°46'	-10°50'	-16°37'	-14°27'	-14°48'
Mar 15 2004	-02°00'	+01°56'	+16°52'	+20°17'	+08°10'	+22°47'	-10°42'	-16°33'	-14°26'	-14°40'
Mar 22 2004	+00°45'	+08°10'	+19°36'	+21°20'	+08°29'	+22°48'	-10°34'	-16°30'	-14°25'	-14°33'
Mar 29 2004	+03°30'	+12°55'	+22°00'	+22°14'	+08°46'	+22°48'	-10°26'	-16°27'	-14°23'	-14°26'
Apr 5 2004	+06°11'	+15°04'	+24°00'	+23°01'	+09°01'	+22°48'	-10°19'	-16°24'	-14°22'	-14°19'
Apr 12 2004	+08°48'	+14°16'	+25°35'	+23°39'	+09°13'	+22°48'	-10°12'	-16°21'	-14°21'	-14°13'
Apr 19 2004	+11°17'	+11°11'	+26°44'	+24°08'	+09°21'	+22°47'	-10°06'	-16°19'	-14°19'	-14°08'
Apr 26 2004	+13°37'	+07°55'	+27°28'	+24°27'	+09°26'	+22°46'	-10°00'	-16°18'	-14°18'	-14°03'
May 3 2004	+15°46'	+06°18'	+27°47'	+24°38'	+09°27'	+22°45'	-09°55'	-16°17'	-14°17'	-13°59'
May 10 2004	+17°42'	+06°41'	+27°43'	+24°39'	+09°25'	+22°43'	-09°51'	-16°16'	-14°16'	-13°55'
May 17 2004	+19°24'	+08°43'	+27°14'	+24°32'	+09°20'	+22°40'	-09°48'	-16°16'	-14°15'	-13°53'
May 24 2004	+20°49'	+11°55'	+26°19'	+24°15'	+09°11'	+22°37'	-09°46'	-16°16'	-14°14'	-13°51'
May 31 2004	+21°57'	+15°49'	+24°54'	+23°49'	+09°00'	+22°34'	-09°44'	-16°17'	-14°14'	-13°50'
Jun 7 2004	+22°46'	+19°50'	+23°02'	+23°15'	+08°45'	+22°30'	-09°43'	-16°18'	-14°13'	-13°50'
Jun 14 2004	+23°16'	+23°09'	+21°00'	+22°32'	+08°28'	+22°25'	-09°44'	-16°20'	-14°13'	-13°51'

Jun 21 2004	+23°26'	+24°44'	+19°14'	+21°42'	+08°08'	+22°21'	-09°45'	-16°22'	-14°14'	-13°52'
Jun 28 2004	+23°15'	+24°06'	+18°04'	+20°44'	+07°46'	+22°15'	-09°47'	-16°24'	-14°14'	-13°54'
Jul 5 2004	+22°45'	+21°40'	+17°34'	+19°39'	+07°22'	+22°09'	-09°50'	-16°27'	-14°15'	-13°57'
Jul 12 2004	+21°55'	+18°10'	+17°36'	+18°27'	+06°55'	+22°03'	-09°53'	-16°30'	-14°16'	-14°01'
Jul 19 2004	+20°47'	+14°13'	+18°00'	+17°10'	+06°27'	+21°57'	-09°57'	-16°33'	-14°17'	-14°05'
Jul 26 2004	+19°21'	+10°20'	+18°34'	+15°47'	+05°58'	+21°50'	-10°02'	-16°36'	-14°18'	-14°09'
Aug 2 2004	+17°40'	+06°59'	+19°09'	+14°19'	+05°27'	+21°43'	-10°07'	-16°39'	-14°20'	-14°14'
Aug 9 2004	+15°45'	+04°48'	+19°37'	+12°47'	+04°54'	+21°36'	-10°13'	-16°43'	-14°22'	-14°19'
Aug 16 2004	+13°37'	+04°35'	+19°52'	+11°10'	+04°21'	+21°28'	-10°19'	-16°46'	-14°24'	-14°24'
Aug 23 2004	+11°19'	+06°45'	+19°50'	+09°30'	+03°47'	+21°21'	-10°25'	-16°49'	-14°27'	-14°29'
Aug 30 2004	+08°52'	+10°03'	+19°26'	+07°47'	+03°12'	+21°14'	-10°31'	-16°52'	-14°29'	-14°34'
Sep 6 2004	+06°19'	+12°01'	+18°39'	+06°02'	+02°36'	+21°07'	-10°37'	-16°55'	-14°32'	-14°39'
Sep 13 2004	+03°40'	+11°09'	+17°27'	+04°15'	+02°00'	+21°01'	-10°43'	-16°58'	-14°35'	-14°43'
Sep 20 2004	+00°57'	+07°38'	+15°52'	+02°26'	+01°24'	+20°55'	-10°49'	-17°00'	-14°37'	-14°48'
Sep 27 2004	-01°45'	+02°38'	+13°54'	+00°36'	+00°48'	+20°50'	-10°54'	-17°02'	-14°40'	-14°52'
Oct 4 2004	-04°28'	-02°47'	+11°36'	-01°13'	+00°13'	+20°45'	-10°58'	-17°04'	-14°43'	-14°55'
Oct 11 2004	-07°08'	-08°02'	+08°59'	-03°03'	-00°22'	+20°41'	-11°02'	-17°05'	-14°46'	-14°58'
Oct 18 2004	-09°44'	-12°52'	+06°08'	-04°52'	-00°56'	+20°38'	-11°05'	-17°05'	-14°49'	-15°00'
Oct 25 2004	-12°12'	-17°06'	+03°05'	-06°40'	-01°30'	+20°36'	-11°08'	-17°06'	-14°52'	-15°02'
Nov 1 2004	-14°31'	-20°38'	-00°04'	-08°26'	-02°03'	+20°35'	-11°09'	-17°05'	-14°55'	-15°03'
Nov 8 2004	-16°39'	-23°21'	-03°17'	-10°10'	-02°35'	+20°35'	-11°10'	-17°05'	-14°58'	-15°03'
Nov 15 2004	-18°33'	-25°04'	-06°30'	-11°50'	-03°05'	+20°36'	-11°10'	-17°04'	-15°00'	-15°02'
Nov 22 2004	-20°11'	-25°41'	-09°38'	-13°27'	-03°34'	+20°38'	-11°08'	-17°02'	-15°03'	-15°01'
Nov 29 2004	-21°31'	-25°02'	-12°36'	-14°59'	-04°01'	+20°42'	-11°06'	-17°00'	-15°05'	-14°59'
Dec 6 2004	-22°31'	-23°03'	-15°21'	-16°26'	-04°25'	+20°46'	-11°03'	-16°57'	-15°07'	-14°56'
Dec 13 2004	-23°10'	-20°14'	-17°47'	-17°48'	-04°48'	+20°51'	-11°00'	-16°54'	-15°08'	-14°53'
Dec 20 2004	-23°25'	-19°07'	-19°50'	-19°02'	-05°08'	+20°57'	-10°55'	-16°51'	-15°10'	-14°49'
Dec 27 2004	-23°18'	-20°09'	-21°26'	-20°09'	-05°25'	+21°03'	-10°50'	-16°48'	-15°11'	-14°44'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 2005	-22°48'	-21°48'	-22°32'	-21°09'	-05°39'	+21°09'	-10°44'	-16°44'	-15°12'	-14°38'
Jan 10 2005	-21°56'	-23°05'	-23°05'	-21°59'	-05°50'	+21°16'	-10°37'	-16°40'	-15°13'	-14°32'
Jan 17 2005	-20°43'	-23°36'	-23°03'	-22°40'	-05°58'	+21°23'	-10°29'	-16°35'	-15°13'	-14°25'
Jan 24 2005	-19°10'	-23°07'	-22°27'	-23°12'	-06°03'	+21°29'	-10°22'	-16°31'	-15°13'	-14°18'
Jan 31 2005	-17°21'	-21°33'	-21°17'	-23°33'	-06°04'	+21°36'	-10°13'	-16°26'	-15°13'	-14°10'
Feb 7 2005	-15°16'	-18°50'	-19°36'	-23°43'	-06°01'	+21°41'	-10°05'	-16°22'	-15°13'	-14°02'
Feb 14 2005	-12°59'	-14°56'	-17°26'	-23°43'	-05°55'	+21°46'	-09°56'	-16°17'	-15°12'	-13°54'
Feb 21 2005	-10°31'	-09°54'	-14°53'	-23°31'	-05°46'	+21°51'	-09°47'	-16°12'	-15°12'	-13°46'
Feb 28 2005	-07°55'	-03°58'	-12°00'	-23°09'	-05°34'	+21°54'	-09°38'	-16°08'	-15°11'	-13°37'
Mar 7 2005	-05°14'	+02°05'	-08°50'	-22°36'	-05°18'	+21°57'	-09°29'	-16°04'	-15°10'	-13°29'
Mar 14 2005	-02°29'	+06°49'	-05°30'	-21°52'	-05°01'	+21°59'	-09°21'	-16°00'	-15°09'	-13°21'
Mar 21 2005	+00°16'	+08°38'	-02°01'	-20°58'	-04°42'	+22°00'	-09°12'	-15°56'	-15°08'	-13°13'
Mar 28 2005	+03°01'	+07°00'	+01°29'	-19°55'	-04°21'	+22°00'	-09°04'	-15°53'	-15°07'	-13°05'
Apr 4 2005	+05°43'	+03°26'	+04°59'	-18°43'	-04°00'	+22°00'	-08°56'	-15°49'	-15°05'	-12°58'
Apr 11 2005	+08°20'	+00°36'	+08°24'	-17°23'	-03°40'	+21°58'	-08°49'	-15°47'	-15°04'	-12°51'
Apr 18 2005	+10°51'	-00°13'	+11°39'	-15°56'	-03°20'	+21°56'	-08°42'	-15°44'	-15°03'	-12°45'
Apr 25 2005	+13°13'	+00°51'	+14°41'	-14°22'	-03°02'	+21°53'	-08°36'	-15°43'	-15°02'	-12°39'
May 2 2005	+15°24'	+03°25'	+17°26'	-12°43'	-02°46'	+21°50'	-08°30'	-15°41'	-15°01'	-12°34'

May 9 2005	+17°22'	+07°05'	+19°48'	-10°59'	-02°33'	+21°45'	-08°25'	-15°40'	-15°00'	-12°30'
May 16 2005	+19°07'	+11°32'	+21°44'	-09°12'	-02°23'	+21°40'	-08°22'	-15°40'	-14°59'	-12°27'
May 23 2005	+20°35'	+16°20'	+23°10'	-07°22'	-02°17'	+21°34'	-08°18'	-15°40'	-14°59'	-12°25'
May 30 2005	+21°46'	+20°51'	+24°04'	-05°31'	-02°14'	+21°27'	-08°16'	-15°40'	-14°58'	-12°24'
Jun 6 2005	+22°39'	+24°05'	+24°24'	-03°39'	-02°14'	+21°19'	-08°15'	-15°41'	-14°58'	-12°23'
Jun 13 2005	+23°12'	+25°13'	+24°08'	-01°48'	-02°18'	+21°11'	-08°14'	-15°43'	-14°58'	-12°24'
Jun 20 2005	+23°26'	+24°17'	+23°18'	+00°01'	-02°25'	+21°02'	-08°15'	-15°45'	-14°59'	-12°25'
Jun 27 2005	+23°19'	+21°56'	+21°55'	+01°48'	-02°35'	+20°53'	-08°16'	-15°47'	-14°59'	-12°28'
Jul 4 2005	+22°52'	+18°51'	+20°02'	+03°32'	-02°49'	+20°43'	-08°18'	-15°50'	-15°00'	-12°31'
Jul 11 2005	+22°05'	+15°37'	+17°42'	+05°12'	-03°05'	+20°33'	-08°21'	-15°53'	-15°01'	-12°35'
Jul 18 2005	+21°00'	+12°49'	+14°59'	+06°47'	-03°24'	+20°22'	-08°25'	-15°56'	-15°02'	-12°39'
Jul 25 2005	+19°37'	+11°05'	+11°57'	+08°16'	-03°46'	+20°11'	-08°30'	-15°59'	-15°03'	-12°44'
Aug 1 2005	+17°59'	+11°03'	+08°41'	+09°39'	-04°09'	+19°59'	-08°35'	-16°03'	-15°05'	-12°49'
Aug 8 2005	+16°06'	+12°45'	+05°14'	+10°55'	-04°35'	+19°48'	-08°40'	-16°06'	-15°07'	-12°55'
Aug 15 2005	+14°01'	+15°02'	+01°40'	+12°04'	-05°02'	+19°36'	-08°46'	-16°09'	-15°09'	-13°01'
Aug 22 2005	+11°44'	+16°24'	-01°56'	+13°05'	-05°31'	+19°24'	-08°52'	-16°13'	-15°11'	-13°07'
Aug 29 2005	+09°19'	+15°43'	-05°31'	+13°59'	-06°01'	+19°13'	-08°58'	-16°16'	-15°13'	-13°13'
Sep 5 2005	+06°46'	+12°38'	-09°02'	+14°45'	-06°32'	+19°02'	-09°05'	-16°19'	-15°16'	-13°18'
Sep 12 2005	+04°08'	+07°52'	-12°24'	+15°23'	-07°04'	+18°51'	-09°11'	-16°22'	-15°18'	-13°24'
Sep 19 2005	+01°26'	+02°25'	-15°34'	+15°53'	-07°36'	+18°41'	-09°17'	-16°25'	-15°21'	-13°29'
Sep 26 2005	-01°16'	-03°04'	-18°27'	+16°16'	-08°09'	+18°31'	-09°22'	-16°27'	-15°24'	-13°33'
Oct 3 2005	-03°59'	-08°15'	-21°01'	+16°31'	-08°42'	+18°22'	-09°28'	-16°29'	-15°26'	-13°37'
Oct 10 2005	-06°40'	-12°59'	-23°10'	+16°38'	-09°15'	+18°14'	-09°32'	-16°30'	-15°29'	-13°41'
Oct 17 2005	-09°16'	-17°06'	-24°54'	+16°37'	-09°48'	+18°07'	-09°36'	-16°31'	-15°32'	-13°44'
Oct 24 2005	-11°46'	-20°29'	-26°08'	+16°28'	-10°20'	+18°02'	-09°39'	-16°31'	-15°34'	-13°46'
Oct 31 2005	-14°08'	-23°00'	-26°51'	+16°13'	-10°52'	+17°57'	-09°41'	-16°31'	-15°37'	-13°47'
Nov 7 2005	-16°18'	-24°22'	-27°05'	+15°54'	-11°24'	+17°54'	-09°42'	-16°31'	-15°40'	-13°48'
Nov 14 2005	-18°14'	-24°13'	-26°49'	+15°34'	-11°54'	+17°53'	-09°43'	-16°30'	-15°42'	-13°47'
Nov 21 2005	-19°55'	-21°50'	-26°06'	+15°18'	-12°24'	+17°53'	-09°42'	-16°28'	-15°44'	-13°46'
Nov 28 2005	-21°19'	-17°55'	-25°01'	+15°09'	-12°52'	+17°54'	-09°41'	-16°26'	-15°46'	-13°44'
Dec 5 2005	-22°22'	-16°22'	-23°40'	+15°09'	-13°19'	+17°57'	-09°39'	-16°24'	-15°48'	-13°41'
Dec 12 2005	-23°04'	-17°44'	-22°07'	+15°19'	-13°44'	+18°02'	-09°35'	-16°21'	-15°49'	-13°38'
Dec 19 2005	-23°24'	-20°05'	-20°31'	+15°39'	-14°08'	+18°08'	-09°31'	-16°18'	-15°51'	-13°33'
Dec 26 2005	-23°21'	-22°15'	-18°58'	+16°08'	-14°30'	+18°15'	-09°26'	-16°14'	-15°52'	-13°28'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 2006	-22°55'	-23°43'	-17°35'	+16°43'	-14°50'	+18°23'	-09°21'	-16°11'	-15°52'	-13°22'
Jan 9 2006	-22°07'	-24°14'	-16°29'	+17°25'	-15°08'	+18°32'	-09°14'	-16°06'	-15°53'	-13°16'
Jan 16 2006	-20°57'	-23°41'	-15°44'	+18°10'	-15°24'	+18°41'	-09°07'	-16°02'	-15°53'	-13°09'
Jan 23 2006	-19°28'	-21°58'	-15°22'	+18°58'	-15°38'	+18°51'	-09°00'	-15°57'	-15°54'	-13°01'
Jan 30 2006	-17°41'	-19°02'	-15°21'	+19°47'	-15°50'	+19°00'	-08°51'	-15°53'	-15°54'	-12°53'
Feb 6 2006	-15°39'	-14°52'	-15°35'	+20°36'	-15°59'	+19°10'	-08°43'	-15°48'	-15°53'	-12°45'
Feb 13 2006	-13°24'	-09°40'	-15°56'	+21°23'	-16°06'	+19°18'	-08°34'	-15°43'	-15°53'	-12°36'
Feb 20 2006	-10°58'	-04°05'	-16°13'	+22°08'	-16°11'	+19°27'	-08°25'	-15°39'	-15°52'	-12°27'
Feb 27 2006	-08°23'	+00°18'	-16°18'	+22°50'	-16°13'	+19°34'	-08°16'	-15°34'	-15°52'	-12°18'
Mar 6 2006	-05°43'	+01°36'	-16°06'	+23°27'	-16°13'	+19°40'	-08°07'	-15°29'	-15°51'	-12°09'
Mar 13 2006	-02°59'	-00°40'	-15°34'	+23°59'	-16°10'	+19°45'	-07°58'	-15°25'	-15°50'	-12°00'
Mar 20 2006	-00°13'	-04°08'	-14°39'	+24°25'	-16°04'	+19°49'	-07°49'	-15°21'	-15°49'	-11°51'

Mar 27 2006	+02°32'	-06°15'	-13°21'	+24°46'	-15°57'	+19°51'	-07°40'	-15°17'	-15°48'	-11°43'
Apr 3 2006	+05°15'	-06°24'	-11°41'	+24°59'	-15°47'	+19°53'	-07°32'	-15°14'	-15°47'	-11°35'
Apr 10 2006	+07°53'	-04°53'	-09°41'	+25°05'	-15°35'	+19°52'	-07°24'	-15°11'	-15°46'	-11°27'
Apr 17 2006	+10°25'	-02°01'	-07°24'	+25°03'	-15°22'	+19°51'	-07°17'	-15°08'	-15°45'	-11°21'
Apr 24 2006	+12°48'	+01°53'	-04°52'	+24°54'	-15°08'	+19°48'	-07°10'	-15°06'	-15°44'	-11°14'
May 1 2006	+15°01'	+06°38'	-02°08'	+24°37'	-14°53'	+19°44'	-07°04'	-15°05'	-15°43'	-11°09'
May 8 2006	+17°02'	+11°56'	+00°42'	+24°13'	-14°37'	+19°39'	-06°58'	-15°03'	-15°42'	-11°04'
May 15 2006	+18°49'	+17°21'	+03°37'	+23°40'	-14°22'	+19°33'	-06°54'	-15°03'	-15°42'	-11°01'
May 22 2006	+20°21'	+21°58'	+06°33'	+23°01'	-14°08'	+19°26'	-06°50'	-15°03'	-15°41'	-10°58'
May 29 2006	+21°35'	+24°48'	+09°26'	+22°13'	-13°55'	+19°17'	-06°47'	-15°03'	-15°41'	-10°56'
Jun 5 2006	+22°31'	+25°31'	+12°12'	+21°19'	-13°44'	+19°08'	-06°45'	-15°04'	-15°41'	-10°55'
Jun 12 2006	+23°08'	+24°32'	+14°46'	+20°18'	-13°35'	+18°57'	-06°44'	-15°05'	-15°41'	-10°55'
Jun 19 2006	+23°25'	+22°31'	+17°05'	+19°10'	-13°29'	+18°46'	-06°44'	-15°07'	-15°42'	-10°56'
Jun 26 2006	+23°21'	+20°05'	+19°06'	+17°57'	-13°25'	+18°34'	-06°44'	-15°09'	-15°42'	-10°59'
Jul 3 2006	+22°58'	+17°50'	+20°43'	+16°37'	-13°24'	+18°21'	-06°46'	-15°11'	-15°43'	-11°02'
Jul 10 2006	+22°15'	+16°22'	+21°54'	+15°13'	-13°26'	+18°08'	-06°48'	-15°14'	-15°44'	-11°05'
Jul 17 2006	+21°13'	+16°06'	+22°37'	+13°44'	-13°31'	+17°54'	-06°52'	-15°17'	-15°45'	-11°10'
Jul 24 2006	+19°53'	+17°00'	+22°48'	+12°10'	-13°38'	+17°39'	-06°55'	-15°21'	-15°46'	-11°15'
Jul 31 2006	+18°17'	+18°27'	+22°28'	+10°33'	-13°48'	+17°24'	-07°00'	-15°24'	-15°48'	-11°21'
Aug 7 2006	+16°27'	+19°34'	+21°36'	+08°52'	-14°00'	+17°09'	-07°05'	-15°28'	-15°50'	-11°27'
Aug 14 2006	+14°24'	+19°20'	+20°13'	+07°08'	-14°15'	+16°54'	-07°11'	-15°31'	-15°51'	-11°33'
Aug 21 2006	+12°09'	+17°02'	+18°21'	+05°22'	-14°31'	+16°38'	-07°17'	-15°35'	-15°53'	-11°40'
Aug 28 2006	+09°45'	+12°50'	+16°04'	+03°34'	-14°49'	+16°23'	-07°23'	-15°38'	-15°56'	-11°46'
Sep 4 2006	+07°14'	+07°37'	+13°25'	+01°44'	-15°09'	+16°08'	-07°30'	-15°42'	-15°58'	-11°53'
Sep 11 2006	+04°36'	+02°06'	+10°27'	-00°06'	-15°29'	+15°53'	-07°36'	-15°45'	-16°00'	-11°59'
Sep 18 2006	+01°55'	-03°16'	+07°15'	-01°57'	-15°51'	+15°39'	-07°43'	-15°48'	-16°03'	-12°05'
Sep 25 2006	-00°47'	-08°17'	+03°53'	-03°48'	-16°13'	+15°25'	-07°49'	-15°50'	-16°05'	-12°10'
Oct 2 2006	-03°30'	-12°49'	+00°25'	-05°38'	-16°36'	+15°12'	-07°54'	-15°52'	-16°08'	-12°15'
Oct 9 2006	-06°12'	-16°41'	-03°05'	-07°27'	-17°00'	+15°00'	-07°59'	-15°54'	-16°10'	-12°19'
Oct 16 2006	-08°49'	-19°44'	-06°33'	-09°14'	-17°23'	+14°49'	-08°04'	-15°55'	-16°13'	-12°23'
Oct 23 2006	-11°20'	-21°35'	-09°54'	-10°59'	-17°46'	+14°39'	-08°07'	-15°56'	-16°15'	-12°25'
Oct 30 2006	-13°43'	-21°35'	-13°05'	-12°40'	-18°09'	+14°30'	-08°10'	-15°56'	-16°17'	-12°27'
Nov 6 2006	-15°55'	-18°40'	-16°00'	-14°18'	-18°32'	+14°23'	-08°12'	-15°56'	-16°20'	-12°28'
Nov 13 2006	-17°55'	-14°00'	-18°34'	-15°50'	-18°53'	+14°18'	-08°13'	-15°55'	-16°22'	-12°28'
Nov 20 2006	-19°39'	-12°22'	-20°44'	-17°17'	-19°15'	+14°14'	-08°14'	-15°53'	-16°24'	-12°28'
Nov 27 2006	-21°05'	-14°11'	-22°25'	-18°38'	-19°35'	+14°12'	-08°13'	-15°52'	-16°25'	-12°26'
Dec 4 2006	-22°12'	-17°15'	-23°34'	-19°51'	-19°54'	+14°12'	-08°11'	-15°49'	-16°27'	-12°23'
Dec 11 2006	-22°58'	-20°15'	-24°08'	-20°56'	-20°12'	+14°14'	-08°09'	-15°47'	-16°28'	-12°20'
Dec 18 2006	-23°22'	-22°40'	-24°05'	-21°52'	-20°29'	+14°18'	-08°05'	-15°44'	-16°30'	-12°16'
Dec 25 2006	-23°23'	-24°13'	-23°26'	-22°39'	-20°45'	+14°23'	-08°01'	-15°40'	-16°31'	-12°11'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 1 2007	-23°01'	-24°44'	-22°12'	-23°15'	-20°59'	+14°30'	-07°55'	-15°36'	-16°31'	-12°05'
Jan 8 2007	-22°17'	-24°07'	-20°25'	-23°39'	-21°12'	+14°38'	-07°49'	-15°32'	-16°32'	-11°58'
Jan 15 2007	-21°11'	-22°16'	-18°09'	-23°53'	-21°24'	+14°48'	-07°43'	-15°28'	-16°32'	-11°51'
Jan 22 2007	-19°45'	-19°09'	-15°28'	-23°54'	-21°34'	+14°59'	-07°35'	-15°23'	-16°32'	-11°43'
Jan 29 2007	-18°01'	-14°54'	-12°27'	-23°44'	-21°43'	+15°10'	-07°27'	-15°18'	-16°32'	-11°35'
Feb 5 2007	-16°02'	-10°04'	-09°09'	-23°21'	-21°51'	+15°22'	-07°19'	-15°13'	-16°32'	-11°26'

Feb 12 2007	-13°49'	-06°11'	-05°40'	-22°46'	-21°58'	+15°33'	-07°10'	-15°08'	-16°32'	-11°17'
Feb 19 2007	-11°24'	-05°21'	-02°04'	-21°59'	-22°04'	+15°45'	-07°01'	-15°03'	-16°31'	-11°08'
Feb 26 2007	-08°51'	-07°48'	+01°35'	-21°01'	-22°08'	+15°56'	-06°52'	-14°58'	-16°30'	-10°59'
Mar 5 2007	-06°12'	-10°42'	+05°13'	-19°52'	-22°12'	+16°06'	-06°43'	-14°54'	-16°30'	-10°49'
Mar 12 2007	-03°28'	-12°07'	+08°45'	-18°33'	-22°15'	+16°15'	-06°33'	-14°49'	-16°29'	-10°40'
Mar 19 2007	-00°42'	-11°52'	+12°08'	-17°05'	-22°17'	+16°22'	-06°24'	-14°45'	-16°28'	-10°31'
Mar 26 2007	+02°03'	-10°11'	+15°18'	-15°28'	-22°18'	+16°29'	-06°15'	-14°41'	-16°27'	-10°22'
Apr 2 2007	+04°46'	-07°19'	+18°09'	-13°44'	-22°18'	+16°33'	-06°07'	-14°37'	-16°26'	-10°13'
Apr 9 2007	+07°25'	-03°24'	+20°39'	-11°54'	-22°18'	+16°36'	-05°58'	-14°34'	-16°25'	-10°05'
Apr 16 2007	+09°58'	+01°24'	+22°43'	-09°59'	-22°17'	+16°38'	-05°50'	-14°31'	-16°25'	-09°57'
Apr 23 2007	+12°24'	+06°57'	+24°19'	-08°00'	-22°16'	+16°37'	-05°43'	-14°29'	-16°24'	-09°51'
Apr 30 2007	+14°39'	+12°53'	+25°23'	-05°57'	-22°14'	+16°35'	-05°36'	-14°27'	-16°23'	-09°44'
May 7 2007	+16°42'	+18°32'	+25°55'	-03°52'	-22°11'	+16°32'	-05°30'	-14°25'	-16°23'	-09°39'
May 14 2007	+18°31'	+22°51'	+25°55'	-01°47'	-22°08'	+16°27'	-05°25'	-14°24'	-16°22'	-09°35'
May 21 2007	+20°06'	+25°10'	+25°24'	+00°18'	-22°04'	+16°20'	-05°20'	-14°24'	-16°22'	-09°31'
May 28 2007	+21°23'	+25°36'	+24°23'	+02°22'	-21°59'	+16°12'	-05°17'	-14°24'	-16°22'	-09°29'
Jun 4 2007	+22°23'	+24°43'	+22°57'	+04°24'	-21°54'	+16°02'	-05°14'	-14°25'	-16°22'	-09°28'
Jun 11 2007	+23°03'	+23°04'	+21°09'	+06°24'	-21°49'	+15°52'	-05°12'	-14°26'	-16°22'	-09°27'
Jun 18 2007	+23°23'	+21°10'	+19°04'	+08°19'	-21°44'	+15°40'	-05°11'	-14°27'	-16°23'	-09°28'
Jun 25 2007	+23°23'	+19°32'	+16°46'	+10°10'	-21°39'	+15°27'	-05°11'	-14°29'	-16°23'	-09°30'
Jul 2 2007	+23°03'	+18°40'	+14°23'	+11°55'	-21°34'	+15°13'	-05°12'	-14°32'	-16°24'	-09°32'
Jul 9 2007	+22°24'	+18°52'	+12°00'	+13°33'	-21°30'	+14°58'	-05°14'	-14°35'	-16°25'	-09°36'
Jul 16 2007	+21°25'	+19°56'	+09°45'	+15°05'	-21°27'	+14°42'	-05°16'	-14°38'	-16°26'	-09°40'
Jul 23 2007	+20°08'	+21°13'	+07°46'	+16°29'	-21°25'	+14°26'	-05°20'	-14°41'	-16°27'	-09°45'
Jul 30 2007	+18°36'	+21°45'	+06°14'	+17°45'	-21°25'	+14°09'	-05°24'	-14°45'	-16°29'	-09°51'
Aug 6 2007	+16°48'	+20°32'	+05°22'	+18°54'	-21°25'	+13°51'	-05°29'	-14°48'	-16°30'	-09°57'
Aug 13 2007	+14°47'	+17°16'	+05°18'	+19°53'	-21°27'	+13°33'	-05°34'	-14°52'	-16°32'	-10°04'
Aug 20 2007	+12°34'	+12°35'	+05°57'	+20°45'	-21°30'	+13°15'	-05°40'	-14°56'	-16°34'	-10°11'
Aug 27 2007	+10°11'	+07°18'	+07°07'	+21°28'	-21°35'	+12°57'	-05°47'	-14°59'	-16°36'	-10°18'
Sep 3 2007	+07°41'	+01°56'	+08°22'	+22°04'	-21°40'	+12°39'	-05°53'	-15°03'	-16°38'	-10°25'
Sep 10 2007	+05°05'	-03°12'	+09°25'	+22°32'	-21°47'	+12°21'	-06°00'	-15°06'	-16°41'	-10°32'
Sep 17 2007	+02°24'	-07°57'	+10°06'	+22°54'	-21°54'	+12°03'	-06°06'	-15°09'	-16°43'	-10°38'
Sep 24 2007	-00°18'	-12°07'	+10°19'	+23°10'	-22°01'	+11°46'	-06°12'	-15°12'	-16°45'	-10°44'
Oct 1 2007	-03°01'	-15°26'	+10°03'	+23°22'	-22°10'	+11°29'	-06°18'	-15°14'	-16°47'	-10°50'
Oct 8 2007	-05°43'	-17°28'	+09°19'	+23°30'	-22°18'	+11°14'	-06°24'	-15°16'	-16°50'	-10°55'
Oct 15 2007	-08°22'	-17°19'	+08°07'	+23°37'	-22°26'	+10°59'	-06°29'	-15°17'	-16°52'	-10°59'
Oct 22 2007	-10°54'	-13°52'	+06°31'	+23°44'	-22°34'	+10°45'	-06°33'	-15°18'	-16°54'	-11°02'
Oct 29 2007	-13°19'	-08°56'	+04°33'	+23°52'	-22°42'	+10°32'	-06°37'	-15°19'	-16°56'	-11°05'
Nov 5 2007	-15°33'	-07°30'	+02°17'	+24°03'	-22°49'	+10°21'	-06°40'	-15°19'	-16°58'	-11°07'
Nov 12 2007	-17°35'	-09°45'	-00°12'	+24°19'	-22°56'	+10°12'	-06°41'	-15°18'	-17°00'	-11°07'
Nov 19 2007	-19°21'	-13°28'	-02°52'	+24°39'	-23°01'	+10°04'	-06°42'	-15°17'	-17°02'	-11°07'
Nov 26 2007	-20°51'	-17°15'	-05°38'	+25°04'	-23°06'	+09°58'	-06°42'	-15°15'	-17°03'	-11°06'
Dec 3 2007	-22°02'	-20°33'	-08°26'	+25°32'	-23°10'	+09°54'	-06°41'	-15°13'	-17°05'	-11°04'
Dec 10 2007	-22°52'	-23°04'	-11°10'	+26°00'	-23°13'	+09°51'	-06°39'	-15°11'	-17°06'	-11°01'
Dec 17 2007	-23°20'	-24°38'	-13°46'	+26°25'	-23°14'	+09°51'	-06°36'	-15°08'	-17°07'	-10°57'
Dec 24 2007	-23°25'	-25°08'	-16°09'	+26°44'	-23°15'	+09°53'	-06°33'	-15°04'	-17°08'	-10°52'
Dec 31 2007	-23°07'	-24°27'	-18°15'	+26°55'	-23°14'	+09°57'	-06°28'	-15°00'	-17°08'	-10°47'

	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 2008	-22°26'	-22°31'	-19°59'	+26°58'	-23°12'	+10°03'	-06°22'	-14°56'	-17°09'	-10°40'
Jan 14 2008	-21°24'	-19°23'	-21°17'	+26°56'	-23°09'	+10°11'	-06°16'	-14°52'	-17°09'	-10°33'
Jan 21 2008	-20°02'	-15°30'	-22°07'	+26°50'	-23°04'	+10°20'	-06°09'	-14°47'	-17°09'	-10°25'
Jan 28 2008	-18°21'	-12°14'	-22°25'	+26°43'	-22°59'	+10°31'	-06°01'	-14°42'	-17°09'	-10°17'
Feb 4 2008	-16°24'	-11°39'	-22°11'	+26°37'	-22°53'	+10°42'	-05°53'	-14°37'	-17°09'	-10°08'
Feb 11 2008	-14°13'	-13°40'	-21°25'	+26°31'	-22°47'	+10°55'	-05°45'	-14°32'	-17°08'	-09°59'
Feb 18 2008	-11°51'	-15°47'	-20°07'	+26°25'	-22°39'	+11°08'	-05°36'	-14°27'	-17°08'	-09°50'
Feb 25 2008	-09°19'	-16°43'	-18°20'	+26°19'	-22°32'	+11°21'	-05°27'	-14°22'	-17°07'	-09°40'
Mar 3 2008	-06°40'	-16°22'	-16°08'	+26°13'	-22°24'	+11°34'	-05°17'	-14°17'	-17°07'	-09°30'
Mar 10 2008	-03°57'	-14°50'	-13°33'	+26°04'	-22°16'	+11°46'	-05°08'	-14°12'	-17°06'	-09°21'
Mar 17 2008	-01°11'	-12°11'	-10°41'	+25°53'	-22°08'	+11°57'	-04°58'	-14°08'	-17°05'	-09°11'
Mar 24 2008	+01°33'	-08°30'	-07°34'	+25°38'	-22°01'	+12°07'	-04°49'	-14°03'	-17°04'	-09°02'
Mar 31 2008	+04°17'	-03°52'	-04°17'	+25°19'	-21°54'	+12°16'	-04°40'	-14°00'	-17°04'	-08°53'
Apr 7 2008	+06°58'	+01°37'	-00°53'	+24°55'	-21°48'	+12°23'	-04°31'	-13°56'	-17°03'	-08°44'
Apr 14 2008	+09°32'	+07°46'	+02°31'	+24°26'	-21°43'	+12°28'	-04°23'	-13°53'	-17°02'	-08°36'
Apr 21 2008	+11°59'	+14°04'	+05°54'	+23°52'	-21°40'	+12°31'	-04°15'	-13°50'	-17°02'	-08°29'
Apr 28 2008	+14°16'	+19°30'	+09°11'	+23°11'	-21°38'	+12°33'	-04°08'	-13°48'	-17°01'	-08°22'
May 5 2008	+16°21'	+23°10'	+12°19'	+22°25'	-21°37'	+12°32'	-04°01'	-13°46'	-17°01'	-08°16'
May 12 2008	+18°13'	+24°52'	+15°12'	+21°32'	-21°38'	+12°30'	-03°55'	-13°45'	-17°01'	-08°11'
May 19 2008	+19°50'	+24°54'	+17°46'	+20°34'	-21°40'	+12°26'	-03°50'	-13°44'	-17°00'	-08°07'
May 26 2008	+21°11'	+23°42'	+19°58'	+19°30'	-21°44'	+12°20'	-03°46'	-13°44'	-17°00'	-08°04'
Jun 2 2008	+22°13'	+21°41'	+21°44'	+18°20'	-21°49'	+12°12'	-03°42'	-13°44'	-17°01'	-08°02'
Jun 9 2008	+22°57'	+19°30'	+23°00'	+17°05'	-21°55'	+12°03'	-03°40'	-13°45'	-17°01'	-08°01'
Jun 16 2008	+23°21'	+18°08'	+23°44'	+15°45'	-22°02'	+11°52'	-03°38'	-13°47'	-17°02'	-08°01'
Jun 23 2008	+23°25'	+18°10'	+23°53'	+14°20'	-22°10'	+11°40'	-03°37'	-13°49'	-17°02'	-08°02'
Jun 30 2008	+23°08'	+19°25'	+23°28'	+12°51'	-22°18'	+11°27'	-03°37'	-13°51'	-17°03'	-08°04'
Jul 7 2008	+22°32'	+21°14'	+22°29'	+11°17'	-22°26'	+11°12'	-03°39'	-13°54'	-17°04'	-08°08'
Jul 14 2008	+21°37'	+22°44'	+20°57'	+09°40'	-22°34'	+10°56'	-03°41'	-13°57'	-17°05'	-08°12'
Jul 21 2008	+20°23'	+22°50'	+18°57'	+08°00'	-22°42'	+10°39'	-03°43'	-14°00'	-17°07'	-08°16'
Jul 28 2008	+18°53'	+20°52'	+16°30'	+06°16'	-22°48'	+10°22'	-03°47'	-14°03'	-17°08'	-08°22'
Aug 4 2008	+17°08'	+17°05'	+13°42'	+04°30'	-22°54'	+10°04'	-03°52'	-14°07'	-17°10'	-08°28'
Aug 11 2008	+15°09'	+12°19'	+10°36'	+02°42'	-22°59'	+09°45'	-03°57'	-14°11'	-17°11'	-08°35'
Aug 18 2008	+12°58'	+07°12'	+07°16'	+00°53'	-23°03'	+09°25'	-04°02'	-14°15'	-17°13'	-08°42'
Aug 25 2008	+10°37'	+02°06'	+03°46'	-00°56'	-23°06'	+09°06'	-04°08'	-14°18'	-17°15'	-08°49'
Sep 1 2008	+08°08'	-02°40'	+00°12'	-02°47'	-23°07'	+08°46'	-04°15'	-14°22'	-17°17'	-08°57'
Sep 8 2008	+05°33'	-06°55'	-03°24'	-04°38'	-23°08'	+08°26'	-04°21'	-14°26'	-17°19'	-09°04'
Sep 15 2008	+02°53'	-10°18'	-06°57'	-06°28'	-23°08'	+08°06'	-04°28'	-14°29'	-17°21'	-09°11'
Sep 22 2008	+00°10'	-12°15'	-10°24'	-08°17'	-23°08'	+07°47'	-04°34'	-14°32'	-17°23'	-09°18'
Sep 29 2008	-02°33'	-11°43'	-13°39'	-10°04'	-23°06'	+07°28'	-04°41'	-14°34'	-17°25'	-09°24'
Oct 6 2008	-05°15'	-07°52'	-16°40'	-11°49'	-23°03'	+07°09'	-04°47'	-14°37'	-17°27'	-09°30'
Oct 13 2008	-07°54'	-03°11'	-19°20'	-13°29'	-22°59'	+06°51'	-04°52'	-14°38'	-17°29'	-09°35'
Oct 20 2008	-10°27'	-02°06'	-21°37'	-15°06'	-22°54'	+06°35'	-04°57'	-14°39'	-17°31'	-09°39'
Oct 27 2008	-12°54'	-04°44'	-23°25'	-16°38'	-22°48'	+06°19'	-05°01'	-14°40'	-17°33'	-09°42'
Nov 3 2008	-15°10'	-08°58'	-24°42'	-18°03'	-22°41'	+06°04'	-05°05'	-14°40'	-17°35'	-09°45'
Nov 10 2008	-17°14'	-13°25'	-25°25'	-19°22'	-22°32'	+05°51'	-05°07'	-14°40'	-17°37'	-09°46'
Nov 17 2008	-19°04'	-17°29'	-25°31'	-20°33'	-22°22'	+05°39'	-05°09'	-14°39'	-17°38'	-09°47'

Nov 24 2008	-20°37'	-20°52'	-25°03'	-21°35'	-22°11'	+05°29'	-05°10'	-14°38'	-17°40'	-09°46'
Dec 1 2008	-21°51'	-23°25'	-23°59'	-22°27'	-21°58'	+05°21'	-05°09'	-14°36'	-17°41'	-09°45'
Dec 8 2008	-22°45'	-25°00'	-22°23'	-23°09'	-21°44'	+05°14'	-05°08'	-14°33'	-17°42'	-09°42'
Dec 15 2008	-23°16'	-25°29'	-20°19'	-23°40'	-21°29'	+05°10'	-05°06'	-14°30'	-17°43'	-09°39'
Dec 22 2008	-23°26'	-24°46'	-17°50'	-23°59'	-21°12'	+05°08'	-05°03'	-14°27'	-17°43'	-09°34'
Dec 29 2008	-23°12'	-22°51'	-15°01'	-24°06'	-20°54'	+05°08'	-04°59'	-14°23'	-17°44'	-09°29'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 5 2009	-22°35'	-20°02'	-11°56'	-24°00'	-20°34'	+05°10'	-04°54'	-14°19'	-17°44'	-09°23'
Jan 12 2009	-21°37'	-17°25'	-08°41'	-23°41'	-20°13'	+05°14'	-04°48'	-14°15'	-17°44'	-09°16'
Jan 19 2009	-20°18'	-16°42'	-05°20'	-23°09'	-19°52'	+05°20'	-04°41'	-14°10'	-17°44'	-09°09'
Jan 26 2009	-18°40'	-17°48'	-01°59'	-22°24'	-19°29'	+05°28'	-04°34'	-14°05'	-17°44'	-09°00'
Feb 2 2009	-16°46'	-19°09'	+01°18'	-21°28'	-19°05'	+05°38'	-04°26'	-14°00'	-17°44'	-08°52'
Feb 9 2009	-14°37'	-19°54'	+04°26'	-20°19'	-18°40'	+05°49'	-04°18'	-13°55'	-17°43'	-08°43'
Feb 16 2009	-12°17'	-19°46'	+07°19'	-19°00'	-18°15'	+06°01'	-04°09'	-13°50'	-17°43'	-08°33'
Feb 23 2009	-09°46'	-18°38'	+09°48'	-17°31'	-17°50'	+06°14'	-04°00'	-13°44'	-17°42'	-08°23'
Mar 2 2009	-07°09'	-16°27'	+11°43'	-15°53'	-17°24'	+06°28'	-03°50'	-13°39'	-17°42'	-08°13'
Mar 9 2009	-04°26'	-13°13'	+12°49'	-14°07'	-16°59'	+06°41'	-03°41'	-13°34'	-17°41'	-08°04'
Mar 16 2009	-01°41'	-08°58'	+12°52'	-12°14'	-16°33'	+06°54'	-03°31'	-13°29'	-17°40'	-07°54'
Mar 23 2009	+01°04'	-03°45'	+11°42'	-10°16'	-16°08'	+07°07'	-03°22'	-13°25'	-17°40'	-07°44'
Mar 30 2009	+03°48'	+02°18'	+09°32'	-08°13'	-15°44'	+07°19'	-03°13'	-13°21'	-17°39'	-07°35'
Apr 6 2009	+06°29'	+08°50'	+06°57'	-06°06'	-15°21'	+07°29'	-03°04'	-13°17'	-17°38'	-07°26'
Apr 13 2009	+09°05'	+14°58'	+04°39'	-03°57'	-14°59'	+07°38'	-02°55'	-13°13'	-17°38'	-07°17'
Apr 20 2009	+11°33'	+19°38'	+03°04'	-01°47'	-14°39'	+07°46'	-02°47'	-13°10'	-17°37'	-07°09'
Apr 27 2009	+13°52'	+22°13'	+02°19'	+00°22'	-14°20'	+07°51'	-02°39'	-13°08'	-17°37'	-07°02'
May 4 2009	+16°00'	+22°45'	+02°22'	+02°32'	-14°03'	+07°55'	-02°32'	-13°06'	-17°37'	-06°56'
May 11 2009	+17°54'	+21°26'	+03°03'	+04°39'	-13°49'	+07°57'	-02°25'	-13°04'	-17°37'	-06°50'
May 18 2009	+19°34'	+18°48'	+04°16'	+06°43'	-13°37'	+07°56'	-02°19'	-13°03'	-17°37'	-06°45'
May 25 2009	+20°58'	+16°09'	+05°52'	+08°44'	-13°28'	+07°54'	-02°14'	-13°03'	-17°37'	-06°42'
Jun 1 2009	+22°04'	+14°50'	+07°44'	+10°39'	-13°21'	+07°49'	-02°10'	-13°03'	-17°37'	-06°39'
Jun 8 2009	+22°51'	+15°16'	+09°46'	+12°29'	-13°18'	+07°43'	-02°07'	-13°04'	-17°38'	-06°37'
Jun 15 2009	+23°18'	+17°05'	+11°52'	+14°12'	-13°18'	+07°35'	-02°04'	-13°05'	-17°38'	-06°37'
Jun 22 2009	+23°26'	+19°40'	+13°58'	+15°48'	-13°22'	+07°25'	-02°03'	-13°07'	-17°39'	-06°37'
Jun 29 2009	+23°13'	+22°13'	+15°57'	+17°16'	-13°28'	+07°14'	-02°02'	-13°09'	-17°40'	-06°39'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jul 6 2009	+22°40'	+23°46'	+17°46'	+18°36'	-13°38'	+07°01'	-02°03'	-13°11'	-17°41'	-06°42'
Jul 13 2009	+21°48'	+23°21'	+19°20'	+19°47'	-13°50'	+06°46'	-02°04'	-13°14'	-17°42'	-06°45'
Jul 20 2009	+20°38'	+20°51'	+20°35'	+20°48'	-14°05'	+06°31'	-02°06'	-13°17'	-17°44'	-06°50'
Jul 27 2009	+19°10'	+16°55'	+21°27'	+21°39'	-14°21'	+06°14'	-02°10'	-13°21'	-17°45'	-06°55'
Aug 3 2009	+17°27'	+12°17'	+21°53'	+22°21'	-14°39'	+05°56'	-02°13'	-13°25'	-17°47'	-07°01'
Aug 10 2009	+15°31'	+07°28'	+21°52'	+22°53'	-14°58'	+05°38'	-02°18'	-13°29'	-17°48'	-07°08'
Aug 17 2009	+13°22'	+02°50'	+21°21'	+23°16'	-15°16'	+05°19'	-02°23'	-13°32'	-17°50'	-07°15'
Aug 24 2009	+11°03'	-01°18'	+20°22'	+23°29'	-15°34'	+04°59'	-02°29'	-13°36'	-17°52'	-07°22'
Aug 31 2009	+08°35'	-04°32'	+18°54'	+23°34'	-15°51'	+04°39'	-02°35'	-13°40'	-17°54'	-07°30'
Sep 7 2009	+06°01'	-06°10'	+17°00'	+23°30'	-16°06'	+04°18'	-02°42'	-13°44'	-17°56'	-07°37'
Sep 14 2009	+03°21'	-05°11'	+14°42'	+23°19'	-16°19'	+03°58'	-02°48'	-13°47'	-17°58'	-07°45'
Sep 21 2009	+00°39'	-01°15'	+12°04'	+23°01'	-16°29'	+03°37'	-02°55'	-13°50'	-18°00'	-07°52'
Sep 28 2009	-02°04'	+02°47'	+09°09'	+22°37'	-16°36'	+03°17'	-03°01'	-13°53'	-18°01'	-07°59'

Oct 5 2009	-04°46'	+03°26'	+06°00'	+22°08'	-16°40'	+02°57'	-03°08'	-13°56'	-18°03'	-08°05'
Oct 12 2009	-07°26'	+00°36'	+02°42'	+21°36'	-16°42'	+02°38'	-03°14'	-13°58'	-18°05'	-08°11'
Oct 19 2009	-10°01'	-03°58'	-00°41'	+21°01'	-16°40'	+02°19'	-03°19'	-13°59'	-18°07'	-08°16'
Oct 26 2009	-12°28'	-08°56'	-04°06'	+20°25'	-16°35'	+02°01'	-03°24'	-14°00'	-18°09'	-08°20'
Nov 2 2009	-14°47'	-13°37'	-07°27'	+19°49'	-16°27'	+01°43'	-03°28'	-14°01'	-18°10'	-08°23'
Nov 9 2009	-16°53'	-17°45'	-10°41'	+19°15'	-16°17'	+01°28'	-03°31'	-14°01'	-18°12'	-08°25'
Nov 16 2009	-18°45'	-21°10'	-13°43'	+18°45'	-16°03'	+01°13'	-03°34'	-14°00'	-18°13'	-08°26'
Nov 23 2009	-20°21'	-23°43'	-16°29'	+18°19'	-15°47'	+01°00'	-03°35'	-13°59'	-18°14'	-08°27'
Nov 30 2009	-21°39'	-25°17'	-18°53'	+18°00'	-15°29'	+00°48'	-03°35'	-13°57'	-18°15'	-08°26'
Dec 7 2009	-22°37'	-25°45'	-20°53'	+17°50'	-15°08'	+00°38'	-03°35'	-13°55'	-18°16'	-08°24'
Dec 14 2009	-23°12'	-25°03'	-22°22'	+17°50'	-14°44'	+00°30'	-03°33'	-13°52'	-18°16'	-08°21'
Dec 21 2009	-23°26'	-23°20'	-23°19'	+18°02'	-14°19'	+00°24'	-03°31'	-13°49'	-18°17'	-08°17'
Dec 28 2009	-23°16'	-21°18'	-23°41'	+18°26'	-13°52'	+00°19'	-03°27'	-13°45'	-18°17'	-08°12'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 4 2010	-22°43'	-20°02'	-23°27'	+19°03'	-13°22'	+00°17'	-03°23'	-13°41'	-18°18'	-08°07'
Jan 11 2010	-21°49'	-19°55'	-22°38'	+19°49'	-12°52'	+00°17'	-03°18'	-13°36'	-18°18'	-08°00'
Jan 18 2010	-20°33'	-20°42'	-21°15'	+20°42'	-12°19'	+00°20'	-03°12'	-13°32'	-18°17'	-07°53'
Jan 25 2010	-18°59'	-21°36'	-19°20'	+21°35'	-11°45'	+00°24'	-03°05'	-13°27'	-18°17'	-07°45'
Feb 1 2010	-17°07'	-21°56'	-16°59'	+22°24'	-11°10'	+00°30'	-02°57'	-13°22'	-18°17'	-07°36'
Feb 8 2010	-15°01'	-21°25'	-14°14'	+23°04'	-10°34'	+00°38'	-02°49'	-13°16'	-18°16'	-07°27'
Feb 15 2010	-12°42'	-19°54'	-11°10'	+23°31'	-09°58'	+00°48'	-02°41'	-13°11'	-18°16'	-07°18'
Feb 22 2010	-10°14'	-17°20'	-07°51'	+23°46'	-09°20'	+00°59'	-02°32'	-13°06'	-18°15'	-07°08'
Mar 1 2010	-07°37'	-13°41'	-04°23'	+23°49'	-08°42'	+01°11'	-02°23'	-13°00'	-18°15'	-06°59'
Mar 8 2010	-04°56'	-08°59'	-00°48'	+23°42'	-08°04'	+01°24'	-02°13'	-12°55'	-18°14'	-06°49'
Mar 15 2010	-02°11'	-03°16'	+02°47'	+23°27'	-07°26'	+01°37'	-02°04'	-12°50'	-18°13'	-06°39'
Mar 22 2010	+00°35'	+03°10'	+06°20'	+23°04'	-06°48'	+01°51'	-01°54'	-12°45'	-18°13'	-06°29'
Mar 29 2010	+03°19'	+09°36'	+09°46'	+22°34'	-06°10'	+02°04'	-01°45'	-12°41'	-18°12'	-06°19'
Apr 5 2010	+06°01'	+14°50'	+13°02'	+21°59'	-05°33'	+02°16'	-01°35'	-12°37'	-18°12'	-06°10'
Apr 12 2010	+08°38'	+17°52'	+16°02'	+21°18'	-04°57'	+02°28'	-01°26'	-12°33'	-18°11'	-06°01'
Apr 19 2010	+11°08'	+18°19'	+18°42'	+20°32'	-04°22'	+02°39'	-01°18'	-12°30'	-18°11'	-05°53'
Apr 26 2010	+13°28'	+16°18'	+20°59'	+19°40'	-03°48'	+02°48'	-01°10'	-12°27'	-18°11'	-05°45'
May 3 2010	+15°38'	+13°01'	+22°48'	+18°43'	-03°15'	+02°55'	-01°02'	-12°25'	-18°11'	-05°38'
May 10 2010	+17°35'	+10°27'	+24°06'	+17°41'	-02°44'	+03°00'	-00°55'	-12°23'	-18°11'	-05°32'
May 17 2010	+19°18'	+09°44'	+24°51'	+16°33'	-02°15'	+03°04'	-00°48'	-12°22'	-18°11'	-05°27'
May 24 2010	+20°44'	+10°53'	+25°01'	+15°20'	-01°48'	+03°05'	-00°43'	-12°21'	-18°11'	-05°22'
May 31 2010	+21°53'	+13°23'	+24°36'	+14°03'	-01°23'	+03°05'	-00°38'	-12°21'	-18°12'	-05°19'
Jun 7 2010	+22°44'	+16°42'	+23°38'	+12°41'	-01°01'	+03°02'	-00°34'	-12°21'	-18°12'	-05°17'
Jun 14 2010	+23°15'	+20°16'	+22°08'	+11°15'	-00°42'	+02°58'	-00°31'	-12°22'	-18°13'	-05°15'
Jun 21 2010	+23°26'	+23°12'	+20°10'	+09°44'	-00°26'	+02°51'	-00°29'	-12°24'	-18°14'	-05°15'
Jun 28 2010	+23°16'	+24°29'	+17°48'	+08°10'	-00°13'	+02°43'	-00°28'	-12°26'	-18°15'	-05°16'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jul 5 2010	+22°47'	+23°33'	+15°04'	+06°33'	-00°03'	+02°33'	-00°27'	-12°28'	-18°16'	-05°18'
Jul 12 2010	+21°58'	+20°48'	+12°04'	+04°52'	+00°02'	+02°22'	-00°28'	-12°31'	-18°17'	-05°21'
Jul 19 2010	+20°51'	+16°58'	+08°52'	+03°09'	+00°04'	+02°08'	-00°29'	-12°34'	-18°19'	-05°25'
Jul 26 2010	+19°27'	+12°41'	+05°31'	+01°24'	+00°03'	+01°54'	-00°32'	-12°37'	-18°20'	-05°30'
Aug 2 2010	+17°47'	+08°25'	+02°05'	-00°22'	-00°01'	+01°38'	-00°35'	-12°41'	-18°22'	-05°36'
Aug 9 2010	+15°52'	+04°34'	-01°22'	-02°10'	-00°10'	+01°22'	-00°39'	-12°45'	-18°23'	-05°42'



Aug 16 2010	+13°46'	+01°40'	-04°47'	-03°59'	-00°23'	+01°04'	-00°44'	-12°49'	-18°25'	-05°49'
Aug 23 2010	+11°28'	+00°27'	-08°06'	-05°47'	-00°39'	+00°45'	-00°49'	-12°53'	-18°27'	-05°57'
Aug 30 2010	+09°02'	+01°48'	-11°16'	-07°35'	-00°57'	+00°26'	-00°55'	-12°57'	-18°29'	-06°04'
Sep 6 2010	+06°28'	+05°23'	-14°13'	-09°22'	-01°17'	+00°06'	-01°01'	-13°01'	-18°30'	-06°12'
Sep 13 2010	+03°50'	+08°34'	-16°52'	-11°07'	-01°39'	-00°13'	-01°08'	-13°04'	-18°32'	-06°20'
Sep 20 2010	+01°08'	+08°50'	-19°10'	-12°49'	-02°02'	-00°33'	-01°15'	-13°08'	-18°34'	-06°28'
Sep 27 2010	-01°35'	+05°59'	-21°00'	-14°28'	-02°24'	-00°53'	-01°21'	-13°11'	-18°36'	-06°35'
Oct 4 2010	-04°18'	+01°17'	-22°14'	-16°02'	-02°45'	-01°14'	-01°28'	-13°14'	-18°37'	-06°42'
Oct 11 2010	-06°58'	-04°00'	-22°40'	-17°31'	-03°05'	-01°34'	-01°34'	-13°16'	-18°39'	-06°48'
Oct 18 2010	-09°34'	-09°09'	-22°04'	-18°54'	-03°22'	-01°53'	-01°40'	-13°18'	-18°41'	-06°53'
Oct 25 2010	-12°03'	-13°53'	-20°20'	-20°09'	-03°36'	-02°12'	-01°45'	-13°19'	-18°42'	-06°58'
Nov 1 2010	-14°23'	-17°59'	-17°43'	-21°16'	-03°46'	-02°31'	-01°50'	-13°20'	-18°43'	-07°02'
Nov 8 2010	-16°32'	-21°22'	-14°52'	-22°14'	-03°52'	-02°48'	-01°54'	-13°20'	-18°45'	-07°05'
Nov 15 2010	-18°27'	-23°53'	-12°30'	-23°02'	-03°55'	-03°05'	-01°57'	-13°19'	-18°46'	-07°07'
Nov 22 2010	-20°06'	-25°25'	-11°00'	-23°39'	-03°53'	-03°20'	-01°59'	-13°18'	-18°47'	-07°08'
Nov 29 2010	-21°27'	-25°50'	-10°26'	-24°04'	-03°47'	-03°34'	-02°00'	-13°17'	-18°47'	-07°08'
Dec 6 2010	-22°28'	-25°08'	-10°40'	-24°16'	-03°38'	-03°47'	-02°00'	-13°15'	-18°48'	-07°07'
Dec 13 2010	-23°08'	-23°29'	-11°29'	-24°16'	-03°24'	-03°58'	-02°00'	-13°12'	-18°49'	-07°04'
Dec 20 2010	-23°25'	-21°20'	-12°43'	-24°02'	-03°07'	-04°07'	-01°58'	-13°09'	-18°49'	-07°01'
Dec 27 2010	-23°19'	-20°01'	-14°12'	-23°35'	-02°47'	-04°15'	-01°55'	-13°06'	-18°49'	-06°57'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 3 2011	-22°51'	-20°31'	-15°46'	-22°55'	-02°24'	-04°20'	-01°51'	-13°02'	-18°49'	-06°52'
Jan 10 2011	-22°00'	-21°48'	-17°18'	-22°02'	-01°58'	-04°24'	-01°47'	-12°57'	-18°49'	-06°46'
Jan 17 2011	-20°48'	-22°49'	-18°41'	-20°57'	-01°29'	-04°26'	-01°41'	-12°52'	-18°49'	-06°39'
Jan 24 2011	-19°17'	-23°06'	-19°50'	-19°41'	-00°58'	-04°26'	-01°35'	-12°47'	-18°48'	-06°31'
Jan 31 2011	-17°28'	-22°25'	-20°39'	-18°13'	-00°26'	-04°23'	-01°28'	-12°42'	-18°48'	-06°23'
Feb 7 2011	-15°24'	-20°40'	-21°05'	-16°37'	+00°08'	-04°19'	-01°20'	-12°37'	-18°47'	-06°14'
Feb 14 2011	-13°08'	-17°49'	-21°04'	-14°51'	+00°44'	-04°13'	-01°12'	-12°31'	-18°47'	-06°05'
Feb 21 2011	-10°41'	-13°48'	-20°36'	-12°59'	+01°21'	-04°06'	-01°03'	-12°26'	-18°46'	-05°55'
Feb 28 2011	-08°06'	-08°41'	-19°40'	-11°00'	+01°59'	-03°56'	-00°54'	-12°21'	-18°46'	-05°46'
Mar 7 2011	-05°24'	-02°39'	-18°16'	-08°56'	+02°37'	-03°46'	-00°45'	-12°15'	-18°45'	-05°36'
Mar 14 2011	-02°40'	+03°42'	-16°27'	-06°48'	+03°16'	-03°34'	-00°35'	-12°10'	-18°44'	-05°26'
Mar 21 2011	+00°05'	+09°07'	-14°15'	-04°37'	+03°56'	-03°22'	-00°26'	-12°05'	-18°44'	-05°16'
Mar 28 2011	+02°50'	+12°09'	-11°43'	-02°25'	+04°35'	-03°09'	-00°16'	-12°00'	-18°43'	-05°06'
Apr 4 2011	+05°33'	+12°02'	-08°55'	-00°13'	+05°14'	-02°56'	-00°07'	-11°56'	-18°43'	-04°56'
Apr 11 2011	+08°11'	+09°11'	-05°55'	+01°58'	+05°53'	-02°44'	+00°01'	-11°52'	-18°43'	-04°47'
Apr 18 2011	+10°42'	+05°43'	-02°45'	+04°08'	+06°32'	-02°32'	+00°10'	-11°48'	-18°42'	-04°39'
Apr 25 2011	+13°04'	+03°45'	+00°28'	+06°15'	+07°10'	-02°21'	+00°19'	-11°45'	-18°42'	-04°30'
May 2 2011	+15°16'	+03°50'	+03°44'	+08°19'	+07°46'	-02°11'	+00°27'	-11°43'	-18°42'	-04°23'
May 9 2011	+17°15'	+05°39'	+06°57'	+10°18'	+08°22'	-02°02'	+00°34'	-11°41'	-18°43'	-04°16'
May 16 2011	+19°01'	+08°44'	+10°04'	+12°11'	+08°57'	-01°55'	+00°41'	-11°39'	-18°43'	-04°11'
May 23 2011	+20°30'	+12°41'	+13°00'	+13°58'	+09°30'	-01°50'	+00°47'	-11°38'	-18°43'	-04°06'
May 30 2011	+21°42'	+17°04'	+15°42'	+15°38'	+10°01'	-01°47'	+00°53'	-11°38'	-18°44'	-04°02'
Jun 6 2011	+22°36'	+21°12'	+18°06'	+17°10'	+10°32'	-01°45'	+00°57'	-11°38'	-18°45'	-03°59'
Jun 13 2011	+23°11'	+24°07'	+20°07'	+18°33'	+11°00'	-01°46'	+01°01'	-11°38'	-18°46'	-03°57'
Jun 20 2011	+23°25'	+24°57'	+21°41'	+19°48'	+11°26'	-01°49'	+01°04'	-11°40'	-18°47'	-03°56'
Jun 27 2011	+23°20'	+23°41'	+22°47'	+20°52'	+11°50'	-01°53'	+01°06'	-11°41'	-18°48'	-03°56'

	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jul 4 2011	+22°54'	+20°58'	+23°20'	+21°47'	+12°12'	-01°59'	+01°07'	-11°44'	-18°49'	-03°58'
Jul 11 2011	+22°08'	+17°28'	+23°20'	+22°32'	+12°32'	-02°08'	+01°07'	-11°46'	-18°50'	-04°00'
Jul 18 2011	+21°04'	+13°47'	+22°47'	+23°06'	+12°49'	-02°17'	+01°06'	-11°49'	-18°52'	-04°04'
Jul 25 2011	+19°43'	+10°25'	+21°41'	+23°29'	+13°04'	-02°29'	+01°05'	-11°53'	-18°53'	-04°08'
Aug 1 2011	+18°06'	+07°58'	+20°04'	+23°43'	+13°16'	-02°42'	+01°02'	-11°56'	-18°55'	-04°14'
Aug 8 2011	+16°14'	+07°11'	+17°58'	+23°46'	+13°26'	-02°56'	+00°59'	-12°00'	-18°57'	-04°20'
Aug 15 2011	+14°09'	+08°34'	+15°28'	+23°40'	+13°32'	-03°11'	+00°54'	-12°04'	-18°58'	-04°26'
Aug 22 2011	+11°53'	+11°23'	+12°37'	+23°25'	+13°36'	-03°27'	+00°49'	-12°08'	-19°00'	-04°34'
Aug 29 2011	+09°28'	+13°39'	+09°29'	+23°01'	+13°37'	-03°44'	+00°44'	-12°13'	-19°02'	-04°41'
Sep 5 2011	+06°56'	+13°44'	+06°09'	+22°29'	+13°34'	-04°02'	+00°38'	-12°17'	-19°03'	-04°49'
Sep 12 2011	+04°18'	+11°08'	+02°40'	+21°49'	+13°29'	-04°21'	+00°32'	-12°20'	-19°05'	-04°57'
Sep 19 2011	+01°37'	+06°34'	-00°53'	+21°03'	+13°21'	-04°40'	+00°25'	-12°24'	-19°07'	-05°05'
Sep 26 2011	-01°06'	+01°11'	-04°26'	+20°11'	+13°10'	-04°59'	+00°18'	-12°27'	-19°08'	-05°12'
Oct 3 2011	-03°49'	-04°15'	-07°56'	+19°14'	+12°56'	-05°18'	+00°12'	-12°30'	-19°10'	-05°20'
Oct 10 2011	-06°30'	-09°24'	-11°17'	+18°14'	+12°41'	-05°38'	+00°05'	-12°33'	-19°11'	-05°27'
Oct 17 2011	-09°07'	-14°03'	-14°26'	+17°09'	+12°24'	-05°57'	-00°00'	-12°35'	-19°13'	-05°33'
Oct 24 2011	-11°37'	-18°05'	-17°17'	+16°03'	+12°06'	-06°16'	-00°06'	-12°36'	-19°14'	-05°38'
Oct 31 2011	-13°59'	-21°23'	-19°46'	+14°55'	+11°47'	-06°34'	-00°11'	-12°37'	-19°15'	-05°43'
Nov 7 2011	-16°10'	-23°47'	-21°49'	+13°47'	+11°29'	-06°52'	-00°15'	-12°38'	-19°16'	-05°46'
Nov 14 2011	-18°07'	-25°08'	-23°22'	+12°39'	+11°12'	-07°09'	-00°19'	-12°38'	-19°17'	-05°49'
Nov 21 2011	-19°49'	-25°13'	-24°22'	+11°33'	+10°57'	-07°25'	-00°22'	-12°37'	-19°18'	-05°51'
Nov 28 2011	-21°14'	-23°43'	-24°45'	+10°30'	+10°44'	-07°40'	-00°24'	-12°36'	-19°18'	-05°51'
Dec 5 2011	-22°19'	-20°32'	-24°32'	+09°30'	+10°34'	-07°55'	-00°25'	-12°34'	-19°19'	-05°51'
Dec 12 2011	-23°02'	-18°14'	-23°43'	+08°35'	+10°27'	-08°07'	-00°25'	-12°31'	-19°19'	-05°49'
Dec 19 2011	-23°24'	-18°45'	-22°19'	+07°46'	+10°24'	-08°19'	-00°24'	-12°28'	-19°19'	-05°46'
Dec 26 2011	-23°22'	-20°35'	-20°23'	+07°04'	+10°25'	-08°29'	-00°22'	-12°25'	-19°19'	-05°43'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 2 2012	-22°57'	-22°24'	-17°59'	+06°32'	+10°29'	-08°37'	-00°19'	-12°21'	-19°19'	-05°38'
Jan 9 2012	-22°11'	-23°35'	-15°11'	+06°09'	+10°36'	-08°44'	-00°15'	-12°17'	-19°19'	-05°33'
Jan 16 2012	-21°02'	-23°52'	-12°04'	+05°59'	+10°47'	-08°49'	-00°10'	-12°12'	-19°18'	-05°26'
Jan 23 2012	-19°34'	-23°05'	-08°42'	+06°01'	+11°01'	-08°52'	-00°04'	-12°07'	-19°18'	-05°19'
Jan 30 2012	-17°49'	-21°09'	-05°10'	+06°18'	+11°17'	-08°53'	+00°01'	-12°02'	-19°17'	-05°11'
Feb 6 2012	-15°47'	-18°02'	-01°32'	+06°49'	+11°37'	-08°53'	+00°09'	-11°57'	-19°17'	-05°03'
Feb 13 2012	-13°33'	-13°43'	+02°07'	+07°32'	+11°58'	-08°50'	+00°16'	-11°51'	-19°16'	-04°54'
Feb 20 2012	-11°08'	-08°20'	+05°45'	+08°27'	+12°21'	-08°46'	+00°25'	-11°46'	-19°15'	-04°44'
Feb 27 2012	-08°34'	-02°23'	+09°17'	+09°27'	+12°46'	-08°41'	+00°34'	-11°40'	-19°15'	-04°35'
Mar 5 2012	-05°53'	+02°50'	+12°39'	+10°28'	+13°12'	-08°33'	+00°43'	-11°34'	-19°14'	-04°25'
Mar 12 2012	-03°09'	+05°35'	+15°47'	+11°23'	+13°40'	-08°25'	+00°52'	-11°29'	-19°14'	-04°15'
Mar 19 2012	-00°23'	+04°44'	+18°39'	+12°07'	+14°07'	-08°15'	+01°02'	-11°24'	-19°13'	-04°05'
Mar 26 2012	+02°21'	+01°21'	+21°10'	+12°37'	+14°36'	-08°05'	+01°11'	-11°19'	-19°13'	-03°55'
Apr 2 2012	+05°04'	-01°44'	+23°19'	+12°51'	+15°05'	-07°53'	+01°21'	-11°14'	-19°12'	-03°45'
Apr 9 2012	+07°43'	-02°56'	+25°03'	+12°51'	+15°33'	-07°42'	+01°30'	-11°10'	-19°12'	-03°36'
Apr 16 2012	+10°15'	-02°11'	+26°22'	+12°37'	+16°02'	-07°30'	+01°39'	-11°06'	-19°12'	-03°27'
Apr 23 2012	+12°39'	+00°06'	+27°16'	+12°11'	+16°30'	-07°19'	+01°48'	-11°03'	-19°12'	-03°18'
Apr 30 2012	+14°53'	+03°35'	+27°44'	+11°34'	+16°57'	-07°08'	+01°56'	-11°00'	-19°12'	-03°11'
May 7 2012	+16°55'	+07°57'	+27°48'	+10°48'	+17°24'	-06°58'	+02°04'	-10°57'	-19°12'	-03°04'

May 14 2012	+18°43'	+12°54'	+27°26'	+09°53'	+17°49'	-06°49'	+02°11'	-10°56'	-19°13'	-02°57'
May 21 2012	+20°15'	+17°57'	+26°36'	+08°50'	+18°14'	-06°41'	+02°18'	-10°54'	-19°13'	-02°52'
May 28 2012	+21°31'	+22°17'	+25°15'	+07°41'	+18°38'	-06°35'	+02°24'	-10°54'	-19°14'	-02°47'
Jun 4 2012	+22°28'	+24°52'	+23°22'	+06°26'	+19°00'	-06°30'	+02°29'	-10°53'	-19°15'	-02°44'
Jun 11 2012	+23°06'	+25°16'	+21°15'	+05°06'	+19°22'	-06°27'	+02°34'	-10°54'	-19°16'	-02°41'
Jun 18 2012	+23°24'	+23°55'	+19°22'	+03°40'	+19°41'	-06°26'	+02°37'	-10°55'	-19°17'	-02°40'
Jun 25 2012	+23°22'	+21°28'	+18°04'	+02°11'	+20°00'	-06°27'	+02°40'	-10°56'	-19°18'	-02°40'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jul 2 2012	+23°00'	+18°35'	+17°27'	+00°38'	+20°17'	-06°30'	+02°42'	-10°58'	-19°20'	-02°40'
Jul 9 2012	+22°18'	+15°50'	+17°26'	-00°57'	+20°32'	-06°34'	+02°43'	-11°01'	-19°21'	-02°42'
Jul 16 2012	+21°17'	+13°51'	+17°48'	-02°36'	+20°46'	-06°40'	+02°42'	-11°04'	-19°23'	-02°45'
Jul 23 2012	+19°59'	+13°15'	+18°23'	-04°16'	+20°59'	-06°48'	+02°41'	-11°07'	-19°24'	-02°49'
Jul 30 2012	+18°24'	+14°13'	+19°01'	-05°58'	+21°10'	-06°57'	+02°39'	-11°11'	-19°26'	-02°54'
Aug 6 2012	+16°35'	+16°05'	+19°34'	-07°40'	+21°20'	-07°08'	+02°37'	-11°15'	-19°28'	-02°59'
Aug 13 2012	+14°32'	+17°39'	+19°55'	-09°21'	+21°28'	-07°20'	+02°33'	-11°19'	-19°29'	-03°06'
Aug 20 2012	+12°18'	+17°47'	+19°59'	-11°02'	+21°36'	-07°33'	+02°29'	-11°23'	-19°31'	-03°13'
Aug 27 2012	+09°55'	+15°44'	+19°43'	-12°42'	+21°42'	-07°48'	+02°24'	-11°27'	-19°33'	-03°20'
Sep 3 2012	+07°24'	+11°38'	+19°04'	-14°18'	+21°46'	-08°03'	+02°18'	-11°31'	-19°34'	-03°28'
Sep 10 2012	+04°47'	+06°25'	+18°01'	-15°52'	+21°50'	-08°19'	+02°12'	-11°35'	-19°36'	-03°36'
Sep 17 2012	+02°06'	+00°53'	+16°33'	-17°20'	+21°53'	-08°35'	+02°06'	-11°39'	-19°37'	-03°44'
Sep 24 2012	-00°37'	-04°30'	+14°43'	-18°44'	+21°54'	-08°53'	+01°59'	-11°43'	-19°39'	-03°52'
Oct 1 2012	-03°20'	-09°32'	+12°30'	-20°01'	+21°55'	-09°10'	+01°52'	-11°46'	-19°40'	-04°00'
Oct 8 2012	-06°01'	-14°02'	+09°59'	-21°10'	+21°55'	-09°28'	+01°46'	-11°49'	-19°41'	-04°07'
Oct 15 2012	-08°39'	-17°54'	+07°12'	-22°11'	+21°53'	-09°45'	+01°39'	-11°51'	-19°43'	-04°14'
Oct 22 2012	-11°11'	-20°58'	+04°13'	-23°02'	+21°51'	-10°03'	+01°33'	-11°53'	-19°44'	-04°20'
Oct 29 2012	-13°34'	-23°00'	+01°04'	-23°42'	+21°48'	-10°20'	+01°28'	-11°54'	-19°45'	-04°25'
Nov 5 2012	-15°47'	-23°35'	-02°08'	-24°12'	+21°44'	-10°37'	+01°23'	-11°55'	-19°46'	-04°29'
Nov 12 2012	-17°47'	-21°55'	-05°22'	-24°28'	+21°39'	-10°54'	+01°18'	-11°55'	-19°46'	-04°32'
Nov 19 2012	-19°32'	-17°47'	-08°32'	-24°32'	+21°33'	-11°10'	+01°15'	-11°54'	-19°47'	-04°35'
Nov 26 2012	-21°00'	-14°55'	-11°35'	-24°23'	+21°27'	-11°25'	+01°12'	-11°53'	-19°47'	-04°36'
Dec 3 2012	-22°09'	-15°39'	-14°25'	-24°01'	+21°20'	-11°39'	+01°11'	-11°52'	-19°47'	-04°36'
Dec 10 2012	-22°56'	-18°08'	-16°59'	-23°25'	+21°13'	-11°52'	+01°10'	-11°50'	-19°47'	-04°35'
Dec 17 2012	-23°21'	-20°46'	-19°10'	-22°36'	+21°06'	-12°05'	+01°10'	-11°47'	-19°47'	-04°33'
Dec 24 2012	-23°24'	-22°53'	-20°57'	-21°34'	+21°00'	-12°16'	+01°12'	-11°43'	-19°47'	-04°30'
Dec 31 2012	-23°03'	-24°10'	-22°14'	-20°21'	+20°54'	-12°25'	+01°14'	-11°40'	-19°47'	-04°26'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 7 2013	-22°20'	-24°25'	-22°58'	-18°57'	+20°50'	-12°34'	+01°17'	-11°36'	-19°47'	-04°21'
Jan 14 2013	-21°16'	-23°33'	-23°09'	-17°22'	+20°47'	-12°41'	+01°21'	-11°31'	-19°46'	-04°15'
Jan 21 2013	-19°51'	-21°28'	-22°44'	-15°39'	+20°46'	-12°46'	+01°26'	-11°26'	-19°45'	-04°09'
Jan 28 2013	-18°09'	-18°08'	-21°46'	-13°47'	+20°46'	-12°50'	+01°32'	-11°21'	-19°45'	-04°01'
Feb 4 2013	-16°10'	-13°38'	-20°15'	-11°49'	+20°48'	-12°53'	+01°39'	-11°15'	-19°44'	-03°53'
Feb 11 2013	-13°58'	-08°22'	-18°15'	-09°46'	+20°51'	-12°54'	+01°46'	-11°10'	-19°43'	-03°45'
Feb 18 2013	-11°34'	-03°34'	-15°50'	-07°38'	+20°56'	-12°53'	+01°54'	-11°04'	-19°43'	-03°35'
Feb 25 2013	-09°01'	-01°17'	-13°03'	-05°27'	+21°03'	-12°51'	+02°03'	-10°58'	-19°42'	-03°26'
Mar 4 2013	-06°22'	-02°43'	-09°58'	-03°15'	+21°11'	-12°47'	+02°11'	-10°53'	-19°41'	-03°16'
Mar 11 2013	-03°39'	-06°04'	-06°41'	-01°01'	+21°19'	-12°42'	+02°21'	-10°47'	-19°41'	-03°06'
Mar 18 2013	-00°53'	-08°28'	-03°15'	+01°11'	+21°29'	-12°36'	+02°30'	-10°42'	-19°40'	-02°56'

Mar 25 2013	+01°52'	-09°00'	+00°15'	+03°22'	+21°39'	-12°28'	+02°39'	-10°37'	-19°40'	-02°46'
Apr 1 2013	+04°35'	-07°52'	+03°46'	+05°31'	+21°49'	-12°20'	+02°49'	-10°32'	-19°40'	-02°36'
Apr 8 2013	+07°15'	-05°21'	+07°13'	+07°37'	+21°59'	-12°10'	+02°58'	-10°27'	-19°39'	-02°27'
Apr 15 2013	+09°49'	-01°44'	+10°33'	+09°39'	+22°10'	-12°01'	+03°07'	-10°23'	-19°39'	-02°18'
Apr 22 2013	+12°14'	+02°48'	+13°40'	+11°35'	+22°20'	-11°50'	+03°16'	-10°20'	-19°39'	-02°09'
Apr 29 2013	+14°30'	+08°03'	+16°31'	+13°25'	+22°29'	-11°40'	+03°25'	-10°16'	-19°40'	-02°01'
May 6 2013	+16°34'	+13°43'	+19°01'	+15°08'	+22°38'	-11°31'	+03°33'	-10°14'	-19°40'	-01°53'
May 13 2013	+18°25'	+19°07'	+21°07'	+16°44'	+22°46'	-11°21'	+03°41'	-10°11'	-19°41'	-01°47'
May 20 2013	+20°00'	+23°15'	+22°44'	+18°11'	+22°53'	-11°12'	+03°48'	-10°10'	-19°41'	-01°41'
May 27 2013	+21°19'	+25°20'	+23°50'	+19°29'	+22°59'	-11°05'	+03°55'	-10°09'	-19°42'	-01°36'
Jun 3 2013	+22°19'	+25°29'	+24°22'	+20°38'	+23°04'	-10°58'	+04°00'	-10°08'	-19°43'	-01°32'
Jun 10 2013	+23°01'	+24°15'	+24°18'	+21°38'	+23°08'	-10°53'	+04°05'	-10°09'	-19°44'	-01°29'
Jun 17 2013	+23°22'	+22°17'	+23°40'	+22°27'	+23°11'	-10°49'	+04°10'	-10°09'	-19°46'	-01°27'
Jun 24 2013	+23°24'	+20°09'	+22°28'	+23°05'	+23°12'	-10°47'	+04°13'	-10°11'	-19°47'	-01°26'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jul 1 2013	+23°05'	+18°25'	+20°45'	+23°33'	+23°13'	-10°46'	+04°15'	-10°12'	-19°49'	-01°26'
Jul 8 2013	+22°27'	+17°35'	+18°34'	+23°51'	+23°12'	-10°47'	+04°17'	-10°15'	-19°50'	-01°27'
Jul 15 2013	+21°29'	+17°49'	+15°59'	+23°58'	+23°10'	-10°50'	+04°17'	-10°18'	-19°52'	-01°29'
Jul 22 2013	+20°14'	+18°53'	+13°03'	+23°54'	+23°07'	-10°54'	+04°17'	-10°21'	-19°53'	-01°33'
Jul 29 2013	+18°42'	+20°09'	+09°52'	+23°41'	+23°03'	-11°00'	+04°16'	-10°24'	-19°55'	-01°37'
Aug 5 2013	+16°55'	+20°40'	+06°28'	+23°19'	+22°58'	-11°07'	+04°14'	-10°28'	-19°57'	-01°42'
Aug 12 2013	+14°55'	+19°29'	+02°56'	+22°47'	+22°53'	-11°15'	+04°11'	-10°32'	-19°58'	-01°48'
Aug 19 2013	+12°43'	+16°13'	-00°38'	+22°07'	+22°47'	-11°25'	+04°07'	-10°36'	-20°00'	-01°55'
Aug 26 2013	+10°21'	+11°28'	-04°15'	+21°19'	+22°40'	-11°36'	+04°02'	-10°41'	-20°02'	-02°02'
Sep 2 2013	+07°51'	+06°06'	-07°47'	+20°24'	+22°33'	-11°48'	+03°57'	-10°45'	-20°03'	-02°10'
Sep 9 2013	+05°15'	+00°39'	-11°13'	+19°22'	+22°26'	-12°01'	+03°52'	-10°49'	-20°05'	-02°18'
Sep 16 2013	+02°34'	-04°34'	-14°28'	+18°15'	+22°19'	-12°14'	+03°46'	-10°53'	-20°06'	-02°26'
Sep 23 2013	-00°08'	-09°22'	-17°27'	+17°02'	+22°13'	-12°29'	+03°39'	-10°57'	-20°08'	-02°34'
Sep 30 2013	-02°51'	-13°37'	-20°08'	+15°46'	+22°07'	-12°43'	+03°33'	-11°00'	-20°09'	-02°42'
Oct 7 2013	-05°33'	-17°06'	-22°27'	+14°25'	+22°01'	-12°59'	+03°26'	-11°03'	-20°10'	-02°49'
Oct 14 2013	-08°12'	-19°32'	-24°21'	+13°02'	+21°57'	-13°14'	+03°20'	-11°06'	-20°11'	-02°56'
Oct 21 2013	-10°44'	-20°17'	-25°46'	+11°36'	+21°54'	-13°29'	+03°13'	-11°08'	-20°12'	-03°03'
Oct 28 2013	-13°09'	-18°14'	-26°42'	+10°09'	+21°52'	-13°45'	+03°07'	-11°09'	-20°13'	-03°08'
Nov 4 2013	-15°24'	-13°27'	-27°07'	+08°41'	+21°51'	-14°00'	+03°02'	-11°10'	-20°13'	-03°13'
Nov 11 2013	-17°27'	-10°27'	-27°03'	+07°12'	+21°52'	-14°15'	+02°57'	-11°11'	-20°14'	-03°17'
Nov 18 2013	-19°15'	-11°31'	-26°32'	+05°44'	+21°55'	-14°29'	+02°53'	-11°11'	-20°14'	-03°20'
Nov 25 2013	-20°46'	-14°37'	-25°38'	+04°17'	+21°59'	-14°43'	+02°50'	-11°10'	-20°14'	-03°22'
Dec 2 2013	-21°58'	-18°03'	-24°25'	+02°52'	+22°04'	-14°57'	+02°47'	-11°09'	-20°14'	-03°23'
Dec 9 2013	-22°49'	-21°04'	-22°59'	+01°29'	+22°10'	-15°09'	+02°46'	-11°07'	-20°14'	-03°23'
Dec 16 2013	-23°19'	-23°19'	-21°27'	+00°09'	+22°17'	-15°21'	+02°45'	-11°04'	-20°14'	-03°22'
Dec 23 2013	-23°25'	-24°38'	-19°56'	-01°06'	+22°25'	-15°32'	+02°46'	-11°01'	-20°14'	-03°19'
Dec 30 2013	-23°09'	-24°51'	-18°32'	-02°18'	+22°33'	-15°42'	+02°48'	-10°57'	-20°13'	-03°16'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jan 6 2014	-22°30'	-23°54'	-17°21'	-03°25'	+22°40'	-15°51'	+02°50'	-10°53'	-20°13'	-03°12'
Jan 13 2014	-21°29'	-21°42'	-16°27'	-04°26'	+22°48'	-15°58'	+02°54'	-10°49'	-20°12'	-03°06'
Jan 20 2014	-20°08'	-18°15'	-15°55'	-05°22'	+22°54'	-16°05'	+02°58'	-10°44'	-20°11'	-03°00'
Jan 27 2014	-18°28'	-13°55'	-15°46'	-06°10'	+23°00'	-16°10'	+03°03'	-10°39'	-20°11'	-02°53'

Feb 3 2014	-16°32'	-09°46'	-15°55'	-06°50'	+23°05'	-16°14'	+03°09'	-10°33'	-20°10'	-02°45'
Feb 10 2014	-14°22'	-07°56'	-16°13'	-07°21'	+23°09'	-16°17'	+03°16'	-10°28'	-20°09'	-02°37'
Feb 17 2014	-12°00'	-09°30'	-16°30'	-07°43'	+23°12'	-16°19'	+03°23'	-10°22'	-20°08'	-02°28'
Feb 24 2014	-09°29'	-12°18'	-16°38'	-07°55'	+23°14'	-16°19'	+03°31'	-10°16'	-20°07'	-02°19'
Mar 3 2014	-06°51'	-14°00'	-16°31'	-07°56'	+23°15'	-16°19'	+03°40'	-10°11'	-20°07'	-02°09'
Mar 10 2014	-04°08'	-14°09'	-16°04'	-07°45'	+23°16'	-16°17'	+03°49'	-10°05'	-20°06'	-02°00'
Mar 17 2014	-01°22'	-12°54'	-15°15'	-07°23'	+23°16'	-16°13'	+03°58'	-09°59'	-20°06'	-01°50'
Mar 24 2014	+01°22'	-10°27'	-14°04'	-06°49'	+23°15'	-16°09'	+04°07'	-09°54'	-20°05'	-01°40'
Mar 31 2014	+04°07'	-06°57'	-12°30'	-06°07'	+23°13'	-16°04'	+04°17'	-09°49'	-20°05'	-01°30'
Apr 7 2014	+06°47'	-02°28'	-10°35'	-05°19'	+23°10'	-15°58'	+04°26'	-09°44'	-20°05'	-01°20'
Apr 14 2014	+09°22'	+02°50'	-08°22'	-04°31'	+23°06'	-15°51'	+04°35'	-09°40'	-20°05'	-01°11'
Apr 21 2014	+11°49'	+08°46'	-05°53'	-03°47'	+23°02'	-15°43'	+04°44'	-09°36'	-20°05'	-01°02'
Apr 28 2014	+14°07'	+14°52'	-03°12'	-03°12'	+22°56'	-15°35'	+04°53'	-09°32'	-20°05'	-00°54'
May 5 2014	+16°13'	+20°12'	-00°22'	-02°50'	+22°49'	-15°27'	+05°01'	-09°29'	-20°06'	-00°46'
May 12 2014	+18°06'	+23°47'	+02°32'	-02°42'	+22°41'	-15°19'	+05°09'	-09°27'	-20°06'	-00°39'
May 19 2014	+19°44'	+25°23'	+05°29'	-02°49'	+22°32'	-15°11'	+05°17'	-09°25'	-20°07'	-00°32'
May 26 2014	+21°06'	+25°21'	+08°24'	-03°09'	+22°22'	-15°03'	+05°24'	-09°23'	-20°08'	-00°27'
Jun 2 2014	+22°10'	+24°12'	+11°14'	-03°42'	+22°11'	-14°56'	+05°30'	-09°23'	-20°09'	-00°22'
Jun 9 2014	+22°55'	+22°25'	+13°53'	-04°26'	+21°58'	-14°50'	+05°36'	-09°23'	-20°11'	-00°18'
Jun 16 2014	+23°20'	+20°30'	+16°18'	-05°20'	+21°44'	-14°45'	+05°40'	-09°23'	-20°12'	-00°16'
Jun 23 2014	+23°25'	+19°04'	+18°26'	-06°22'	+21°29'	-14°41'	+05°44'	-09°24'	-20°14'	-00°14'
Jun 30 2014	+23°10'	+18°43'	+20°12'	-07°30'	+21°13'	-14°38'	+05°47'	-09°26'	-20°15'	-00°14'
	Sun	Mercury	Venus	Mars	Jupiter	Saturn	Uranus	Neptune	Pluto	Chiron
Jul 7 2014	+22°35'	+19°31'	+21°34'	-08°44'	+20°55'	-14°37'	+05°50'	-09°28'	-20°17'	-00°14'
Jul 14 2014	+21°41'	+20°57'	+22°27'	-10°02'	+20°37'	-14°36'	+05°51'	-09°30'	-20°18'	-00°16'
Jul 21 2014	+20°29'	+22°10'	+22°49'	-11°23'	+20°18'	-14°38'	+05°51'	-09°33'	-20°20'	-00°19'
Jul 28 2014	+18°59'	+22°06'	+22°40'	-12°46'	+19°57'	-14°40'	+05°51'	-09°37'	-20°22'	-00°23'
Aug 4 2014	+17°15'	+20°01'	+21°59'	-14°09'	+19°36'	-14°44'	+05°49'	-09°41'	-20°24'	-00°27'
Aug 11 2014	+15°17'	+16°06'	+20°46'	-15°33'	+19°15'	-14°49'	+05°47'	-09°45'	-20°25'	-00°33'
Aug 18 2014	+13°07'	+11°10'	+19°04'	-16°54'	+18°52'	-14°55'	+05°44'	-09°49'	-20°27'	-00°39'
Aug 25 2014	+10°47'	+05°53'	+16°56'	-18°14'	+18°30'	-15°03'	+05°40'	-09°53'	-20°29'	-00°46'
Sep 1 2014	+08°18'	+00°39'	+14°23'	-19°29'	+18°07'	-15°11'	+05°35'	-09°58'	-20°30'	-00°53'
Sep 8 2014	+05°43'	-04°16'	+11°32'	-20°40'	+17°45'	-15°21'	+05°30'	-10°02'	-20°32'	-01°01'
Sep 15 2014	+03°03'	-08°41'	+08°24'	-21°44'	+17°22'	-15°31'	+05°25'	-10°06'	-20°33'	-01°09'
Sep 22 2014	+00°20'	-12°23'	+05°05'	-22°41'	+17°00'	-15°42'	+05°18'	-10°10'	-20°34'	-01°17'
Sep 29 2014	-02°22'	-14°56'	+01°38'	-23°29'	+16°39'	-15°54'	+05°12'	-10°13'	-20°36'	-01°25'
Oct 6 2014	-05°05'	-15°33'	-01°51'	-24°08'	+16°18'	-16°06'	+05°06'	-10°17'	-20°37'	-01°33'
Oct 13 2014	-07°44'	-13°02'	-05°21'	-24°36'	+15°59'	-16°18'	+04°59'	-10°20'	-20°38'	-01°41'
Oct 20 2014	-10°18'	-07°59'	-08°45'	-24°52'	+15°42'	-16°30'	+04°53'	-10°22'	-20°38'	-01°48'
Oct 27 2014	-12°44'	-05°12'	-12°00'	-24°57'	+15°26'	-16°43'	+04°46'	-10°24'	-20°39'	-01°54'
Nov 3 2014	-15°01'	-06°38'	-15°01'	-24°48'	+15°12'	-16°55'	+04°41'	-10°25'	-20°39'	-01°59'
Nov 10 2014	-17°06'	-10°17'	-17°43'	-24°27'	+15°00'	-17°08'	+04°36'	-10°26'	-20°40'	-02°04'
Nov 17 2014	-18°57'	-14°25'	-20°03'	-23°52'	+14°51'	-17°20'	+04°31'	-10°26'	-20°40'	-02°08'
Nov 24 2014	-20°31'	-18°15'	-21°54'	-23°05'	+14°45'	-17°32'	+04°27'	-10°26'	-20°40'	-02°10'
Dec 1 2014	-21°47'	-21°24'	-23°15'	-22°05'	+14°41'	-17°43'	+04°24'	-10°24'	-20°40'	-02°12'
Dec 8 2014	-22°42'	-23°43'	-24°01'	-20°54'	+14°41'	-17°54'	+04°22'	-10°23'	-20°39'	-02°12'
Dec 15 2014	-23°15'	-25°02'	-24°11'	-19°31'	+14°44'	-18°04'	+04°21'	-10°20'	-20°39'	-02°12'

Dec 22 2014	-23°26'	-25°14'	-23°45'	-17°58'	+14°50'	-18°14'	+04°21'	-10°18'	-20°38'	-02°10'
Dec 29 2014	-23°13'	-24°13'	-22°42'	-16°16'	+14°59'	-18°23'	+04°21'	-10°14'	-20°38'	-02°07'