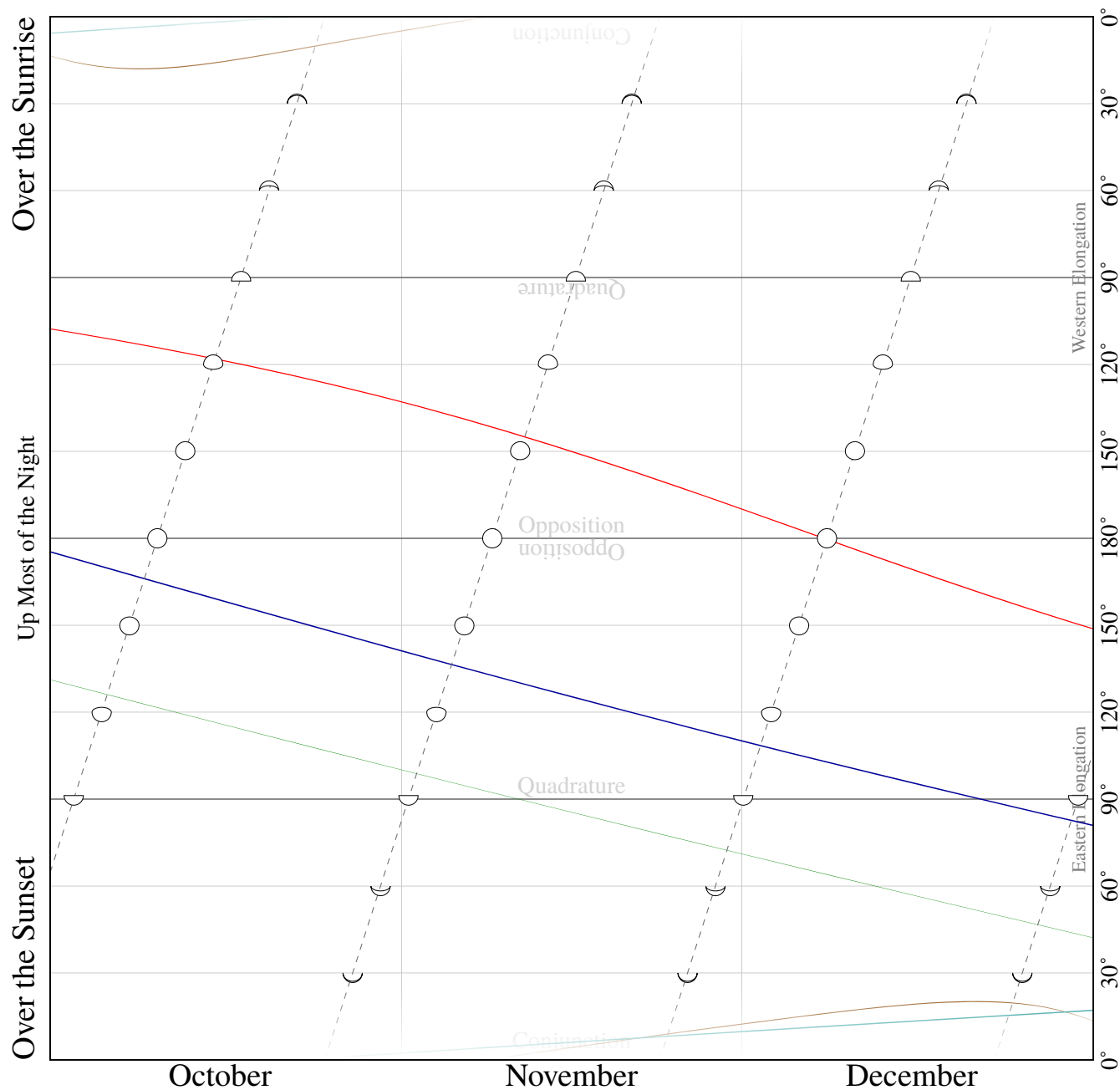


Fourth Quarter 2022 Planet Calendar



Sun

Dec 21 December Solstice

Moon

Oct 2 First Quarter
 Oct 9 FULL MOON
 Oct 17 Third Quarter
 Oct 25 New Moon
 Oct 31 First Quarter
 Nov 8 FULL MOON
 Nov 16 Third Quarter
 Nov 23 New Moon
 Nov 30 First Quarter
 Dec 7 FULL MOON
 Dec 16 Third Quarter
 Dec 23 New Moon
 Dec 29 First Quarter

Planets

Oct 8 Greatest Elongation of Mercury (27°W)
 Dec 7 Opposition of Mars
 Dec 21 Greatest Elongation of Mercury (20°E)

Meteor Showers

Oct 21 Orionids (Sept 22 - Nov 26)
 Oct 28 South Taurids (Sept 22 - Dec 23)
 Nov 1 North Taurids (Sept 23 - Dec 18)
 Nov 16 Leonids (Nov 2 - Nov 29)
 Dec 12 Geminids (Nov 24 - Dec 21)
 Dec 20 Ursids (Dec 18 - Dec 23)
 Jan 2 Quadrantids (Dec 21 - Jan 17)

