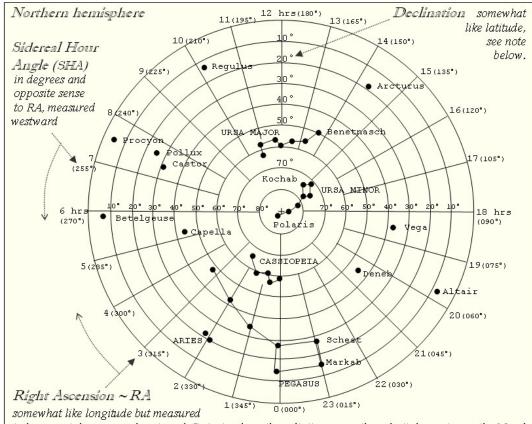
## THE NORTHERN HEMISPHERE START CHART



in hours not degrees, and eastward. It starts where the ecliptic crosses the celestial equator on the March equinox, called the First Point of Aries, and extends from the earth's center to the sun and then beyond. Due to the precession of the equinoxes, this no longer points to the constellation Aries. Like a star's declination above, these coordinates are centered on the polar axis and on the earth's extended equator, or celestial equator. They are not based on the ecliptic.

The right ascension and the sidereal hour angle both start when the ecliptic and the celestial equator meet at the March equinox, and the 0° line goes from the earth to the sun and beyond. The RA goes eastward while the SHA goes westward.

