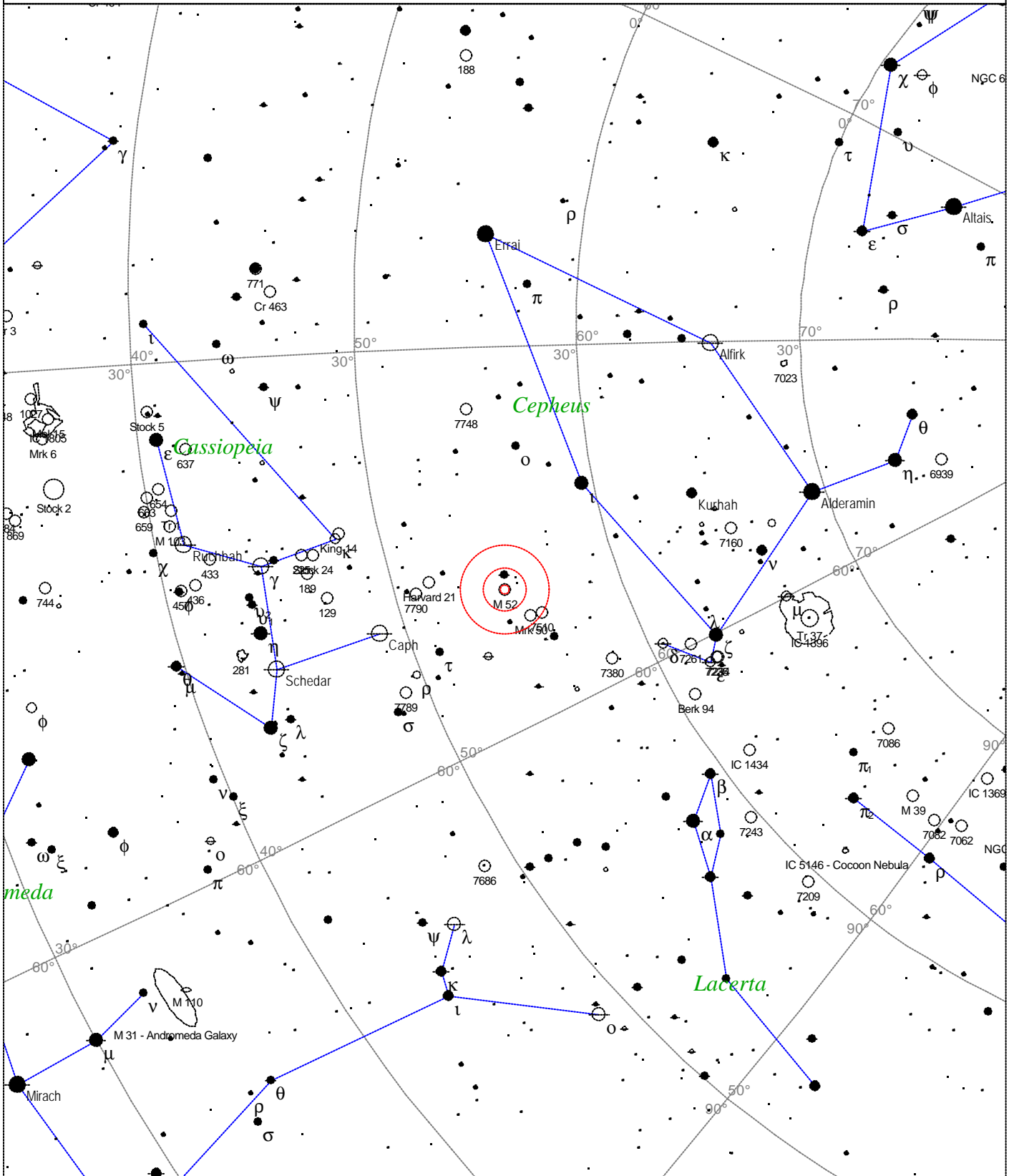


Messier 52 - Open Cluster



<p>STARS</p> <ul style="list-style-type: none"> ● <3 ● 3.5 ● 4 ● 4.5 ● 5 ● 5.5 ● 6 ● >6.5 	<p>SYMBOLS</p> <ul style="list-style-type: none"> ● Multiple star ○ Variable star ☾ Comet ☾ Galaxy □ Bright nebula □ Dark nebula ⊕ Globular cluster ○ Open cluster ⊕ Planetary nebula ⊗ Quasar △ Radio source × X-ray source ○ Other object 	<p><i>Messier 52 - Open cluster</i> <i>Magnitude: 6.9</i> <i>Size: 13.0'</i> <i>Right ascension: 23h 24m 59s</i> <i>Declination: +61° 37' 13"</i> <i>Constellation: Cassiopeia</i></p>
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Local Time: 19:40:11 12-Sep-2002
 Location: 53° 27' 0" N 2° 31' 0" W

UTC: 19:40:11 12-Sep-2002
 RA: 23h24m59s Dec: +61° 37' Field: 45.0°

Sidereal Time: 18:56:39
 Julian Day: 2452530.3196