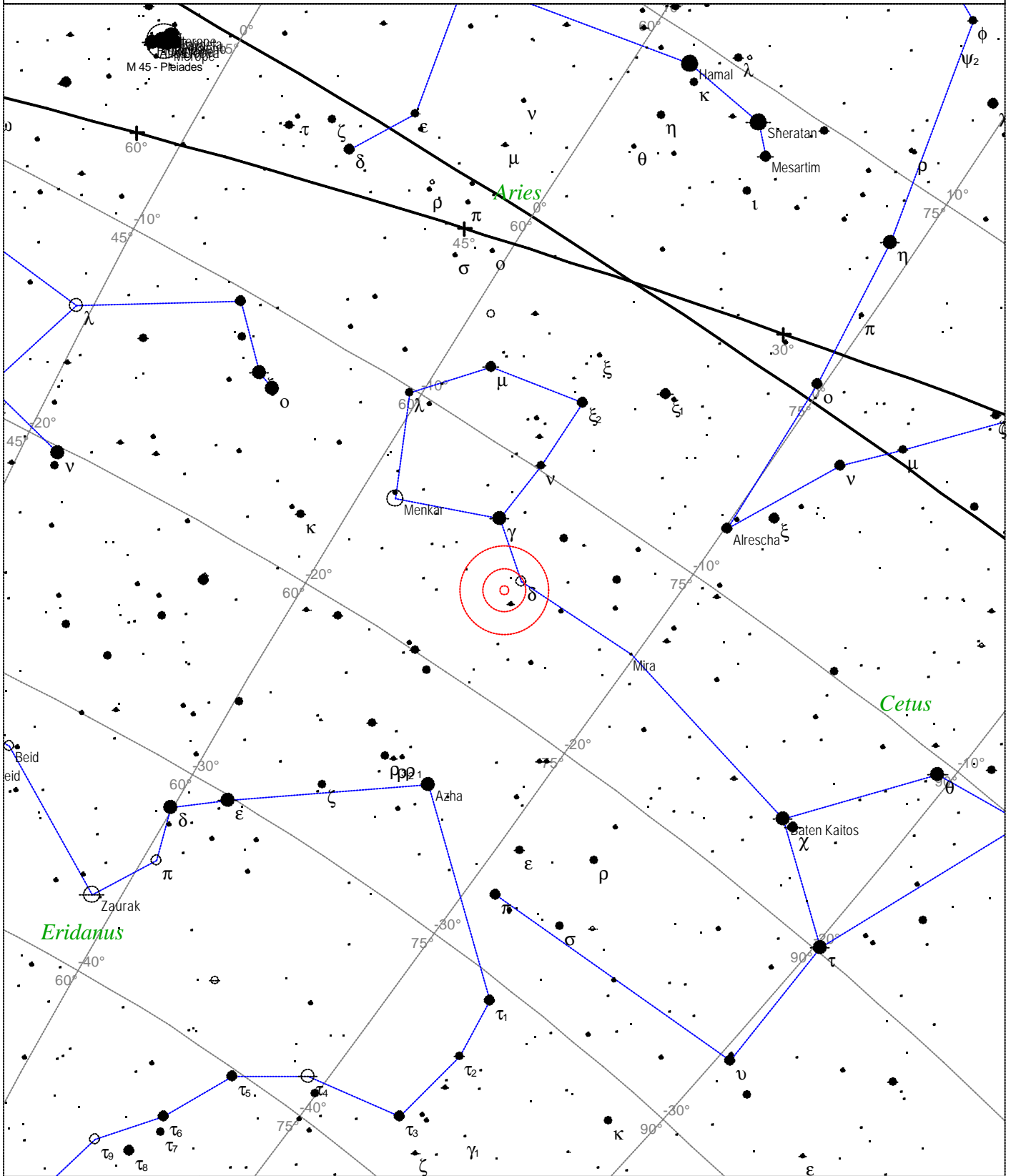


# Messier 77 - Galaxy



<p><b>STARS</b></p> <ul style="list-style-type: none"> <li>● &lt;3</li> <li>● 3.5</li> <li>● 4</li> <li>● 4.5</li> <li>● 5</li> <li>● 5.5</li> <li>● 6</li> <li>● 6.5</li> <li>● &gt;7</li> </ul>		<p><b>SYMBOLS</b></p> <ul style="list-style-type: none"> <li>● Multiple star</li> <li>○ Variable star</li> <li>☄ Comet</li> <li>☉ Galaxy</li> <li>□ Bright nebula</li> <li>□ Dark nebula</li> <li>⊕ Globular cluster</li> <li>○ Open cluster</li> <li>⊕ Planetary nebula</li> <li>⊗ Quasar</li> <li>△ Radio source</li> <li>× X-ray source</li> <li>○ Other object</li> </ul>			<p><i>Messier 77 - Galaxy</i>  <i>Magnitude: 9.7</i>  <i>Surface brightness: 10.6 mag/sq arcmin</i>  <i>Size: 7.3'x6.3'</i>  <i>Position angle: 70°</i>  <i>Right ascension: 2h 42m 49s</i>  <i>Declination: -0° 0' 2"</i>  <i>Constellation: Cetus</i></p>
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Local Time: 19:40:11 12-Sep-2002      UTC: 19:40:11 12-Sep-2002      Sidereal Time: 18:56:39  
 Location: 53° 27' 0" N 2° 31' 0" W      RA: 2h42m49s Dec: -0° 00' Field: 45.0°      Julian Day: 2452530.3196