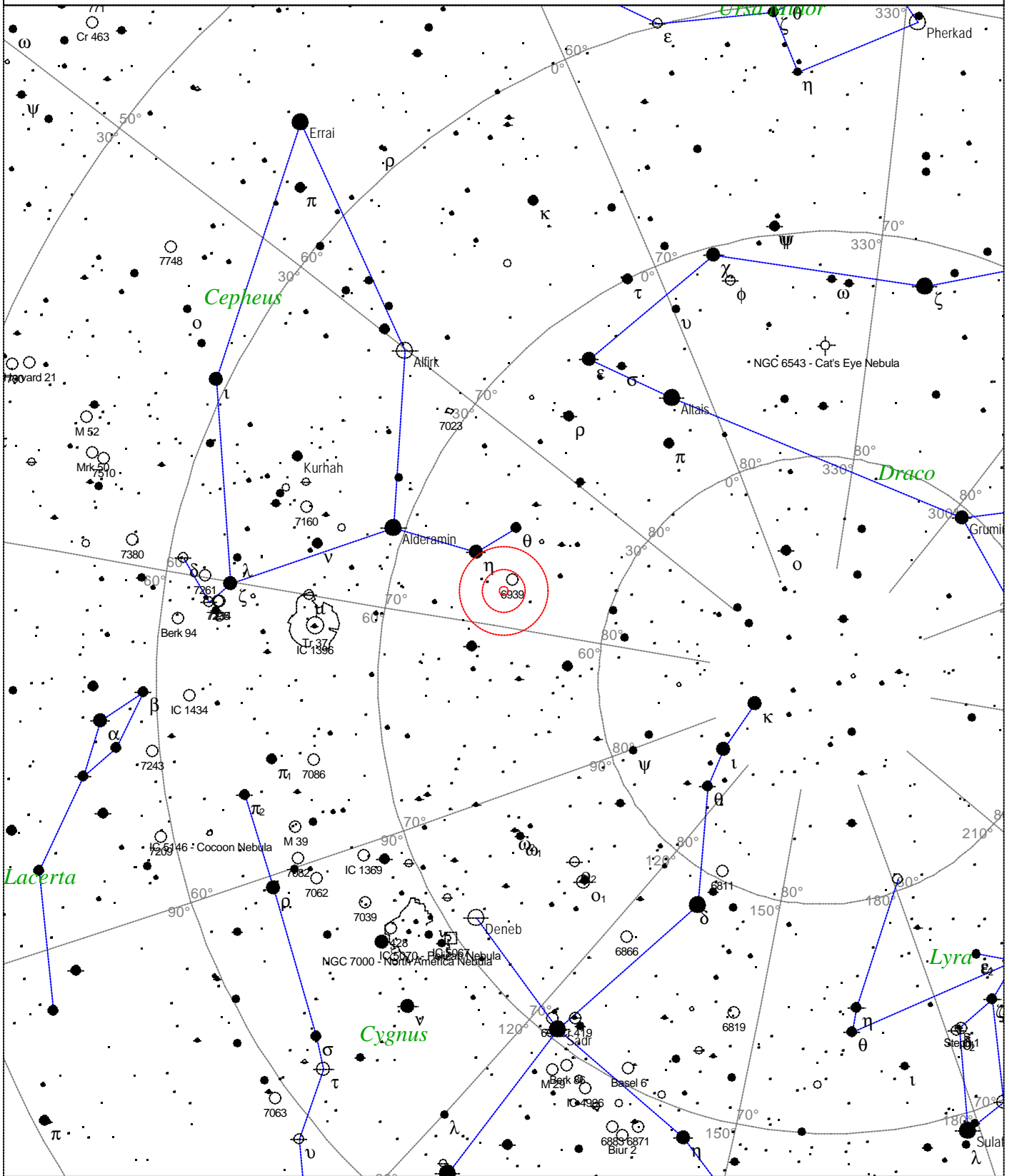


# Caldwell 12 - NGC 6946



<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>Caldwell 12 - NGC 6946</i>                  Type of object: Spiral Galaxy                  Magnitude: 9.7                  Surface brightness: 14.0 mag/sq arcmin                  Size: 11.2'x9.8'                  Right ascension: 20h 34m 57s                  Declination: +60° 09' 52"                  Constellation: Cygnus</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: 20h34m57s Dec: +60° 09' Field: 45.0°      Julian Day: 2452530.3196