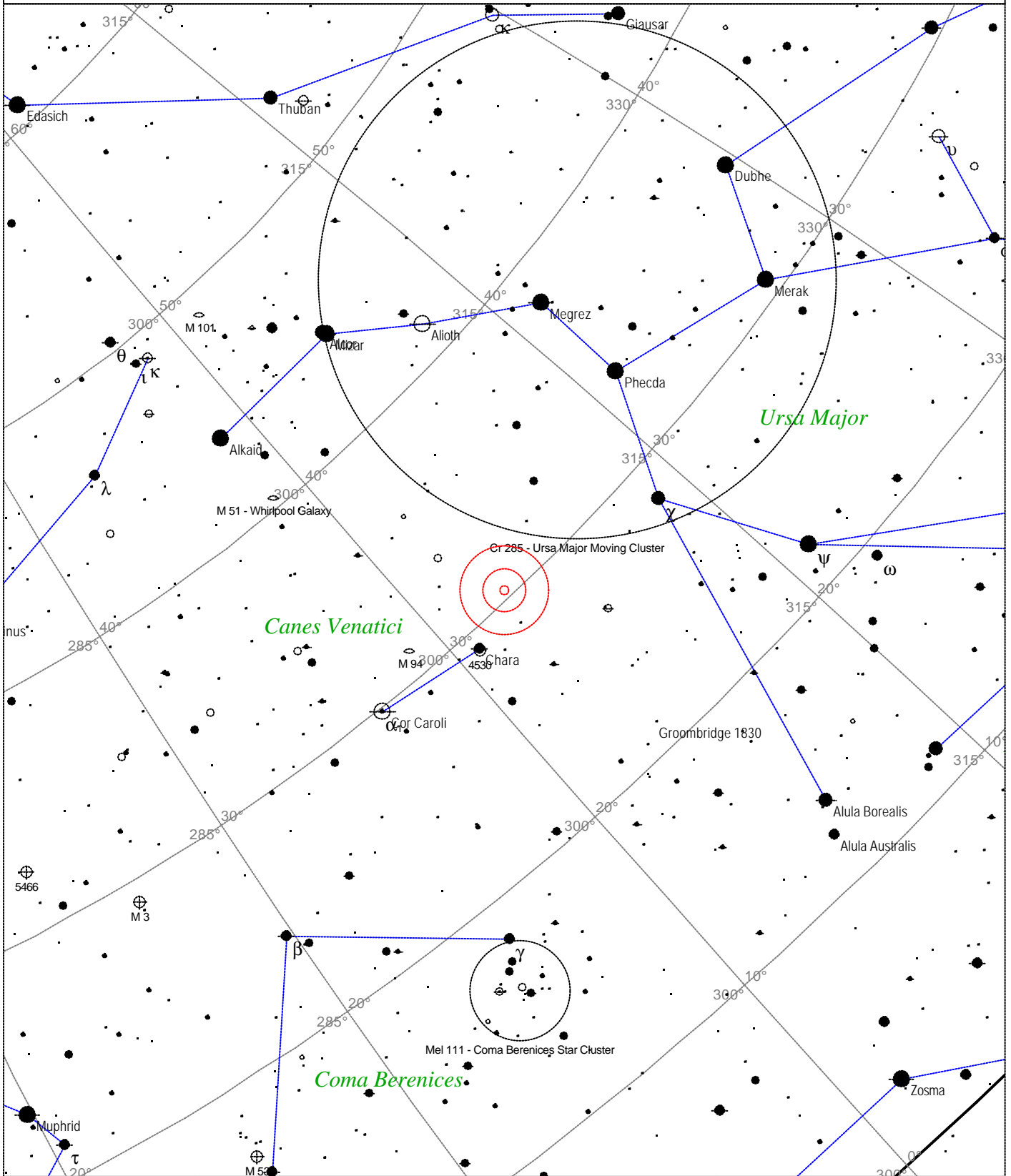


# Caldwell 21 - NGC 4449



<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> </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 21 - NGC 4449</i>              Type of object: Galaxy              Magnitude: 10.0              Surface brightness: 11.5 mag/sq arcmin              Size: 6.2'x4.9'              Position angle: 45°              Right ascension: 12h 28m 17s              Declination: +44° 5' 2"</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: 12h28m17s Dec: +44° 05' Field: 45.0°      Julian Day: 2452530.3196