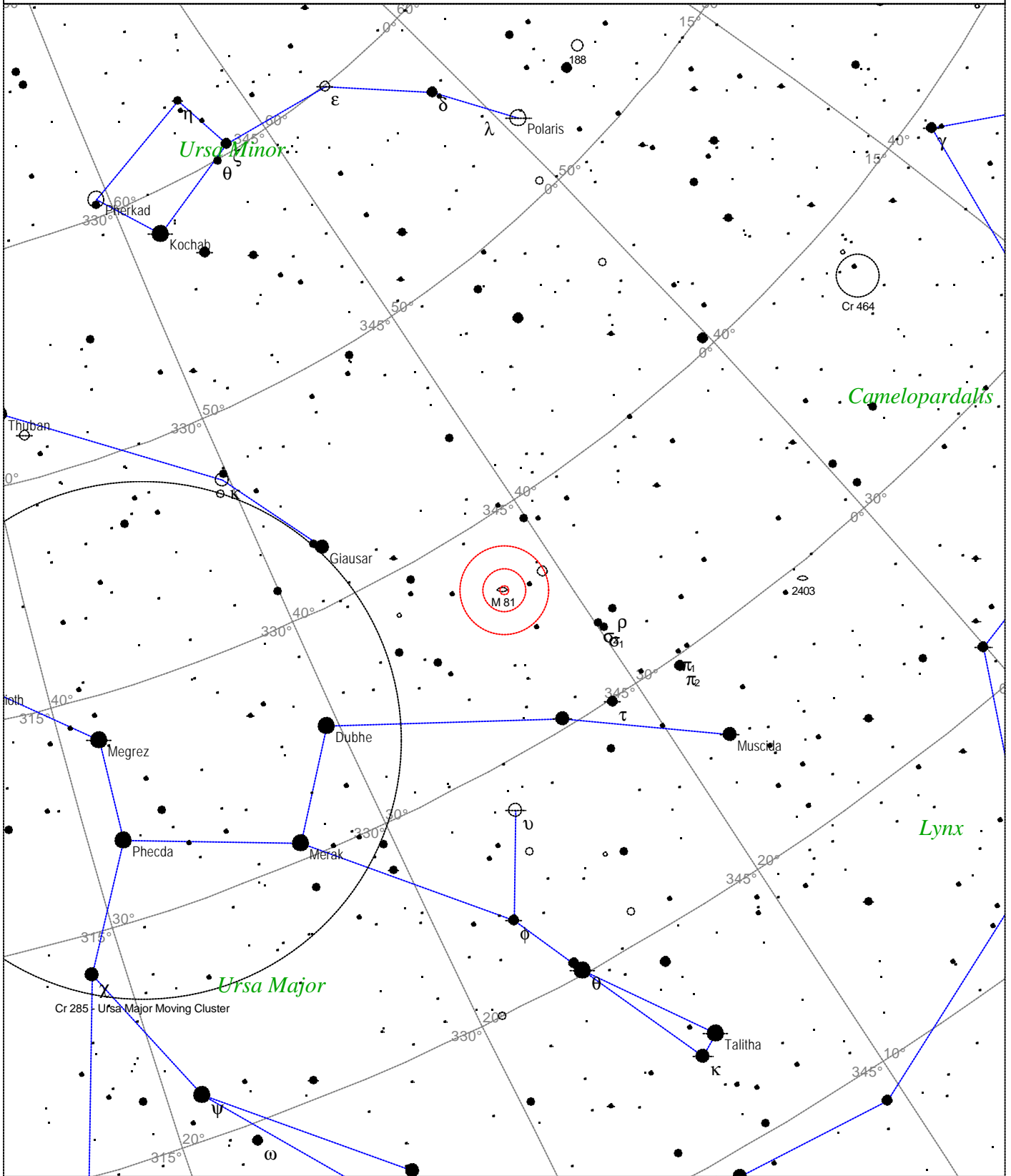


# Messier 81 - Galaxy



<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 81 - Galaxy</i>  <i>Magnitude: 7.8</i>  <i>Surface brightness: 12.3 mag/sq arcmin</i>  <i>Size: 24.9'x11.5'</i>  <i>Position angle: 157°</i>  <i>Right ascension: 9h 55m 42s</i>  <i>Declination: +69° 3' 17"</i>  <i>Constellation: Ursa Major</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: 9h55m42s Dec: +69° 03' Field: 45.0°      Julian Day: 2452530.3196