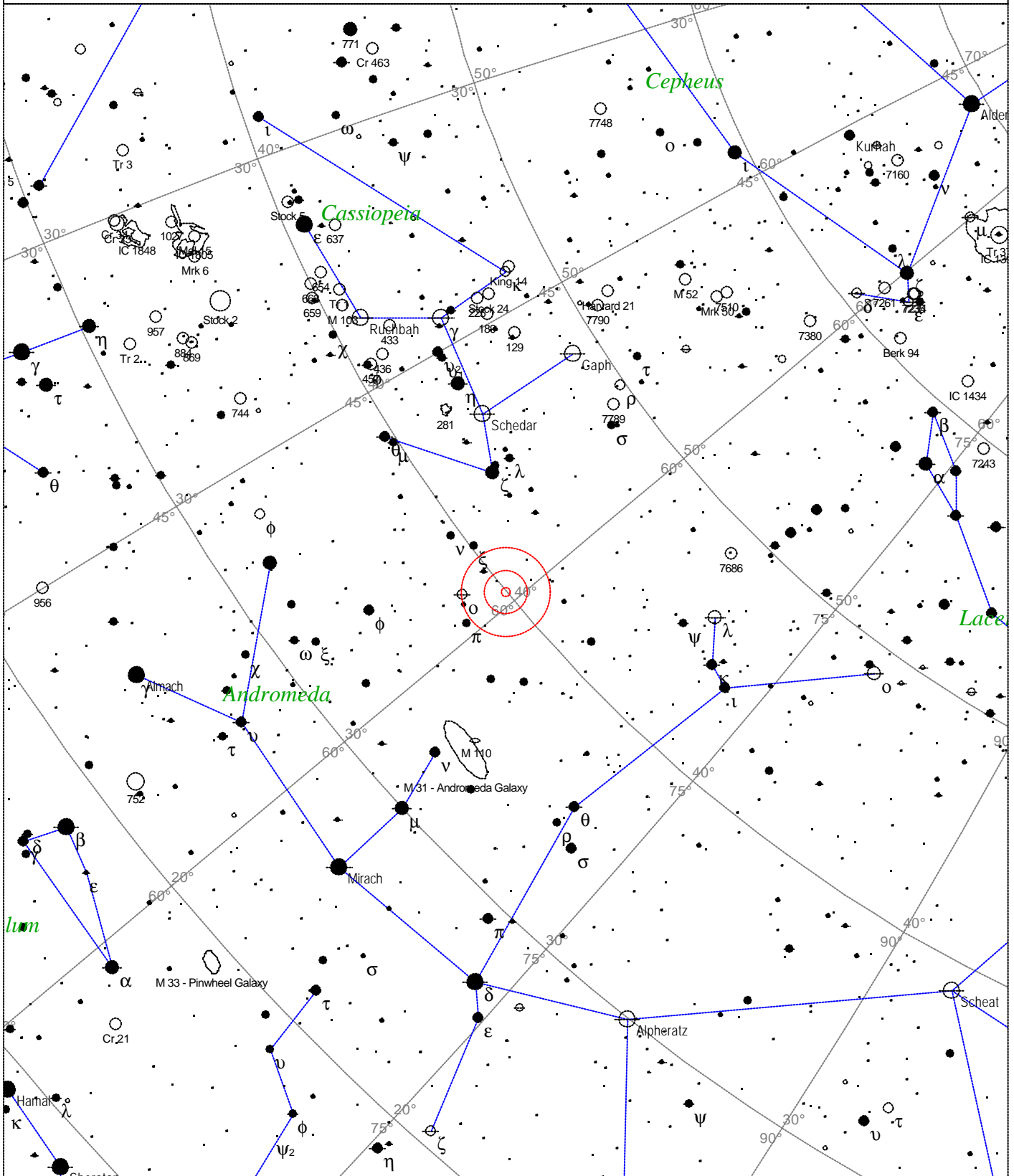


# Caldwell 17 - NGC 147



STARS	SYMBOLS		
<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>	<ul style="list-style-type: none"> <li>● Multiple star</li> <li>○ Variable star</li> <li>☄ Comet</li> <li>☉ Galaxy</li> <li>□ Bright nebula</li> </ul>	<ul style="list-style-type: none"> <li>□ Dark nebula</li> <li>⊕ Globular cluster</li> <li>○ Open cluster</li> <li>♁ Planetary nebula</li> <li>☄ Quasar</li> </ul>	<ul style="list-style-type: none"> <li>△ Radio source</li> <li>✕ X-ray source</li> <li>○ Other object</li> </ul>
<p style="margin: 0;"><i>Caldwell 17 - NGC 147</i></p> <p style="margin: 0;"><i>Type of object: Galaxy</i></p> <p style="margin: 0;"><i>Magnitude: 10.4</i></p> <p style="margin: 0;"><i>Surface brightness: 14.2 mag/sq arcmin</i></p> <p style="margin: 0;"><i>Size: 13.5'x8.2'</i></p> <p style="margin: 0;"><i>Position angle: 25°</i></p> <p style="margin: 0;"><i>Right ascension: 0h 33m 21s</i></p> <p style="margin: 0;"><i>Declination: +48° 31' 12"</i></p>			

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: 0h33m21s Dec: +48° 31' Field: 45.0°

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