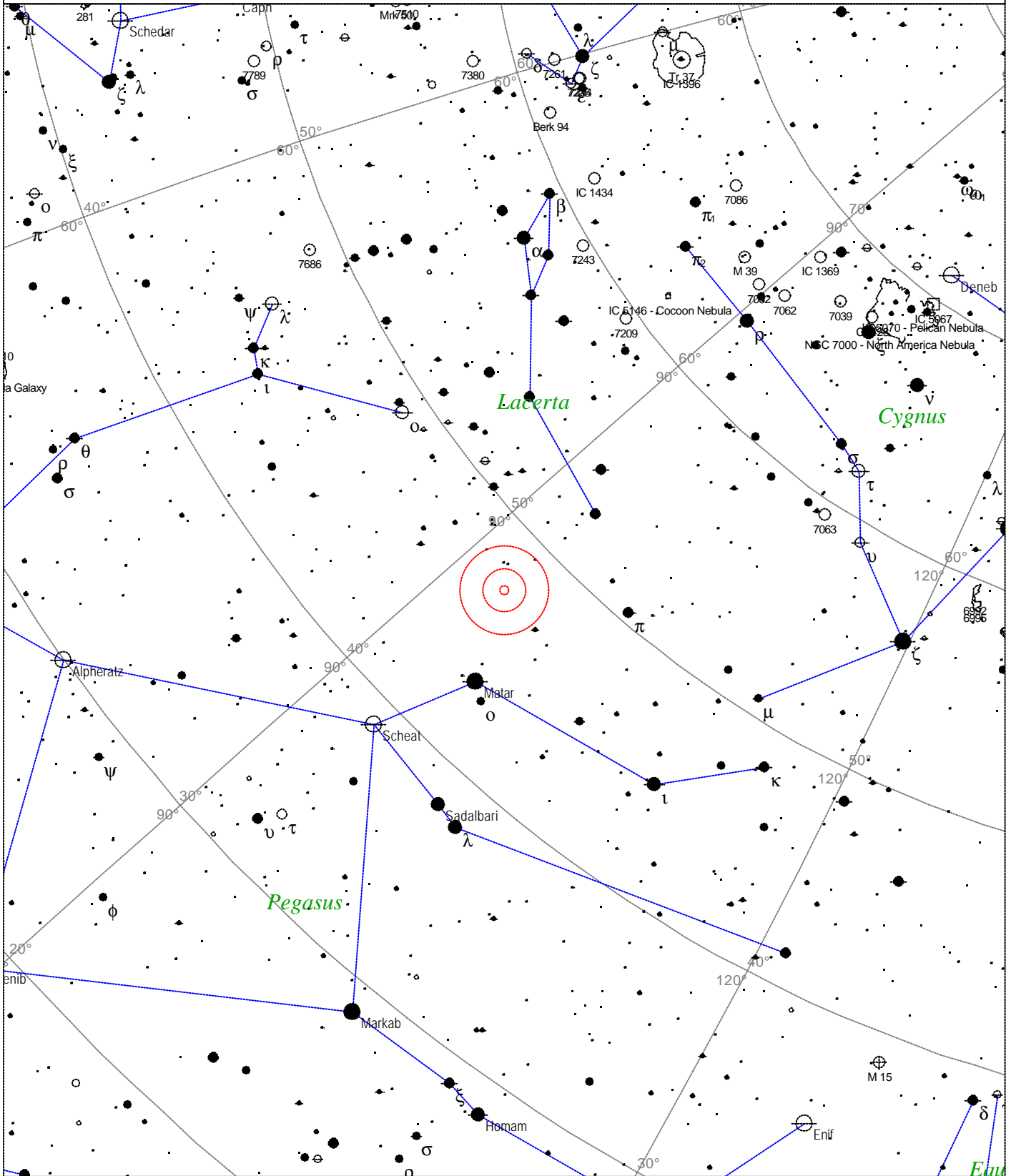


Caldwell 30 - NGC 7331



STARS	SYMBOLS			Caldwell 30 - NGC 7331
<ul style="list-style-type: none"> ● <3 ● 3.5 ● 4 ● 4.5 ● 5 ● 5.5 	<ul style="list-style-type: none"> ● Multiple star ○ Variable star ☄ Comet ☉ Galaxy □ Bright nebula 	<ul style="list-style-type: none"> □ Dark nebula ⊕ Globular cluster ○ Open cluster ⊕ Planetary nebula ⊗ Quasar 	<ul style="list-style-type: none"> △ Radio source × X-ray source ○ Other object 	<p><i>Type of object: Galaxy</i></p> <p><i>Magnitude: 10.3</i></p> <p><i>Surface brightness: 11.9 mag/sq arcmin</i></p> <p><i>Size: 10.2'x4.2'</i></p> <p><i>Position angle: 171°</i></p> <p><i>Right ascension: 22h 37m 13s</i></p> <p><i>Declination: +34° 26' 3"</i></p>

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: 22h37m13s Dec: +34° 26' Field: 45.0°	Julian Day: 2452530.3196