



Viewing from Newcastle, Australia Long: 151° 45' 00" Lat: -32° 55' 01"  
 2008/12/14 10:00:00 PM (Local)  
 Altitude: 89° 59.966', Azimuth: 180° -0.000' (south)  
 FOV: 191°  
 Limiting Magnitude: 5.7