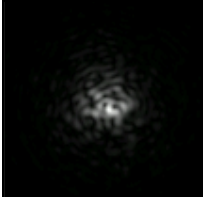
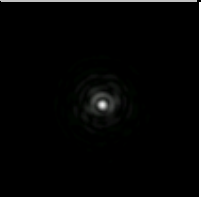
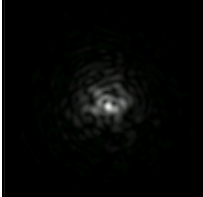

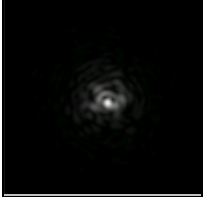

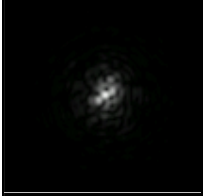
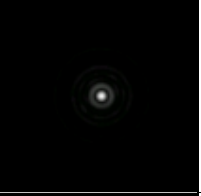




THE PICKERING SEEING SCALE

Below you will find a still version of the Pickering scale of rating atmospheric turbulence. This was produced using Abberator V2, and using Pickering's comments on the appearance of the Airy pattern at a giving rating. The scale was devised by William H. Pickering (1858-1938) using a 5" (13cm) refractor. Animations (http://uk.geocities.com/dpeach_78/pickering.htm) produced by Damian Peach.

	<p>Pickering 1 rating - Very Poor. <i>Star image 2x the diameter of the 3rd diffraction ring. Star image 13" in diameter.</i></p>		<p>Pickering 6 rating - Fair to Good. <i>Airy disk always visible. Short arcs constantly seen.</i></p>
	<p>Pickering 2 rating - Very Poor. <i>Star image occasionally 2x the diameter of the 3rd ring.</i></p>		<p>Pickering 7 rating - Good. <i>Disk sometimes sharply defined. Diffraction rings seen as long arcs or complete circles.</i></p>
	<p>Pickering 3 rating - Poor to Very Poor. <i>Star image about the same diameter as the 3rd ring (6.7") and brighter at the centre.</i></p>		<p>Pickering 8 rating - Good to Excellent. <i>Disk always sharply defined. Rings seen as long arcs/complete circles, always in motion.</i></p>
	<p>Pickering 4 rating - Poor. <i>Airy disk often visible. Arcs of diffraction rings sometimes seen.</i></p>		<p>Pickering 9 rating - Excellent. <i>Inner diffraction ring stationary. Outer rings occasionally stationary.</i></p>
	<p>Pickering 5 rating - Fair. <i>Airy disk always visible. Arcs frequently seen.</i></p>		<p>Pickering 10 rating - Excellent/Perfect. <i>The complete diffraction pattern is stationary.</i></p>

The Pickering Seeing Scale, (original source: Damien Peach, http://uk.geocities.com/dpeach_78/pickering.htm). Illustrations: Abberator V2.