

SEEING CONDITIONS

1 to 3 - Rotten to very poor. Stars twinkle violently when viewed with the naked eye. Planets look like they are in a pool of water.

4 to 5 - Poor to fair. Images are constantly in motion; they seem to boil. You have trouble resolving double stars. No fine detail on planets.

6 to 7 - Moderate to good. Occasionally, the image will steady for a second or two, but a noticeable turbulence is present that masks delicate details on the planets or the moon. Star images lack crispness.

8 to 9 - Good to excellent. The atmosphere is steady with slight undulations. This type of seeing has moments of perfect seeing and longer periods of slight turbulence. Stars are sharp; close double stars are clearly split.

10 - Perfect seeing. Images in the telescope are sharp and steady up to 50 power per inch of aperture. Double stars to Dawes limit of your telescope are split (a 6" scope will split a .8 arc second double, an 8" scope will split an .6 arc second double star). No wavering is seen in the images. This is a very rare condition and occurs only a few times a year in most locations.

TRANSPARENCY CHART

