

The attached is my image of M81 and M82 captured by my remotely operated scope in Castillejar, Granada Spain. These galaxies are about 11.9 million light years away. M81 is the face-on galaxy also known as Bode's Galaxy, discovered by the German astronomer Johann Elert Bode in 1774. M81 is in the constellation Ursa Major, and has an apparent magnitude of 6.9. Through a pair of binoculars, the galaxy appears as a faint patch of light in the same field of view as M82, the "cigar" shaped galaxy which is also known as the Cigar Galaxy.

I worked a lot on this image, processed it over and over, using Pixinsight.

Exposure Times:

R 154 X 180

B 150 X 180

G 145 X 180

L 149 X 180

Total 29.9 Hours

My setup is as follows:

Scope: Esprit 150

Mount: 10 Micron GM1000

Camera: ASI 2600

Guide Camera: ASI 071

ASI OAG

ASI Filter Wheel

Chroma Filters LRGB