

NGC 5364 and Friends

This is an image of NGC 5364 (and others) captured on my remotely operated setup in Castelléjar, Spain. NGC 5364 is the beautiful face-on galaxy (discovered by William Herschel in 1786) and is classified as a "Grand Design Spiral Galaxy." It is located about 54.5 million light years away in Virgo. Next to it is NGC 5363, a lenticular galaxy, about 65 million light years from earth. Wikipedia reports that these two galaxies are non-interacting but NORI LAB indicates that they may be in the early stages of gravitational interaction. Just below those two is NGC 5360, another lenticular galaxy, about 51 million light years away. And below that are NGC 5356 and 5348 respectively -- both edge-on spiral galaxies within this group. These images were captured in February and March, 2024.

Exposures:

Red 78 x 300 sec

Green 80 x 300 sec

Blue 85 x 300 sec

Lum 77 x 300 sec

Total 26 hours 40 minutes

Processing Notes:

My approach was pretty standard: DBE, Dynamic Crop, SPCC, BLX, NXT, more DBE, HT to make non-linear, NXT, SXT, Curves, LHE at 25 and 75, MMT for sharpening, Unsharp Mask, Curves to sharpen, Added back stars. I did use a luminance mask on the starless image to address the targets without affecting the background.

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See finding chart on the following page

