

GRANGE OBS. OPERATIONS

- Photometers status

Using the photometer at the 0.3-m telescope f/3.3 (field 17x13 arcmin), the field will be compared soon with that of the astrograph for pointing reasons. The Johnson V channel on the 0.14-m photometer had a flat update on May 11; the measured scalar resolution of the new optical system at CCD sensor level is 405 as/mm (6.1 as/pixel), with a photometric field of 52x52 arcmin open to an f/3.6 ratio.
All the ultra-fast photometers at Grange Obs. are working nominally.

- Flat Fields status

telescope-camera	filter	peak ADU 16 bit	date
0.14-m SXL8	Johnson V	30000	11 May 2018
0.3-m QHY6	Sloan g	-	-
0.3-m QHY6	Sloan r	-	-
0.3-m QHY6	Sloan i	-	-
0.3-m QHY6	Sloan z	-	-
0.3-m QHY6	Gaia G	-	-

The flat fields are usually executed during twilights at room temperature.
The date cells format used is DD-triple literal Month name-YYYY.

- Instruments status

The 0.3-m and the 0.14-m telescopes current photometric filtering is as follows:

