

Rules for observing with MOSAIC-3

The CCDs in Mosaic-3 are extremely sensitive and can be *irreparably damaged* by high light levels. The following rules must be followed to ensure safe operation of the camera.

1. Absolutely no twilight flats allowed.
2. No on-sky observing before 10 deg twilight or after 10 deg dawn. KPNO OAs will enforce this.
3. Dome flats are permitted, but must be taken by, or under the direct supervision of, KPNO support staff to ensure that the detectors are not over-exposed.
4. Dome flats must use low lamps only for the broad-band filters. Narrow band filters may use high lamps, but need to be tested by KPNO support staff first.
5. No observing using MOSAIC3 within 20 deg of the moon. OAs will check and enforce this during the run. It is OK to point the telescope within 20 deg of the moon as long as no images are taken with the MOSAIC3 imager with the telescope in this position.
6. OAs or anyone entering the dome must check with observer / staff before the lights are turned on. Camera must be in idle state with dark slide in before any lights are turned on.
7. No exposures with shutter open (i.e., “domeflat”, “object”, “test”, “twiflat” etc. modes) when the high dome lights are on. Only zeros are allowed.
8. When dome is dark and the camera is being operated (e.g., for domeflats), visitors are not allowed in the dome.
9. When camera is being operated, do not shine flashlights or other lights at the prime focus cage, or anywhere near the telescope, or at any surface that could reflect light into the telescope field of view.
10. Remote observing by anyone outside the MzLS team is not permitted unless there is night-time support by NOAO personnel and these rules are enforced.