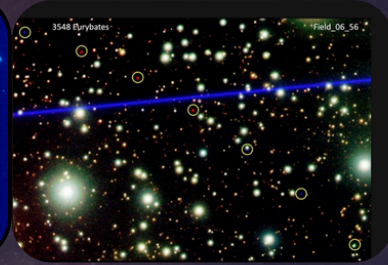
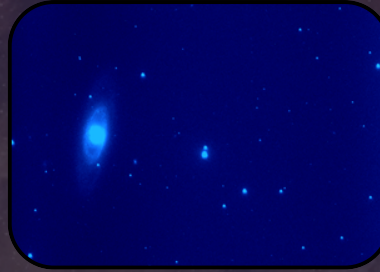


THE 4M INTERNATIONAL LIQUID MIRROR TELESCOPE (ILMT) DATA ARCHIVE



Survey Details

- Location: Devasthal ($79^{\circ}41'07''$ E, $29^{\circ}21'41''$ N, Alt. 2,378 m)
- Fixed declination strip:
 $\delta = +29^{\circ}21'41''$ FoV: 22.3'
- Sky Coverage ~ 115 sq deg/year
- Filters: SDSS g' , r' , i'
- Cadence: Daily cadence



Observing Cycles

- Cycle 1 | Oct 2022 – Nov 2022
- Cycle 2 | Mar 2023 – Jun 2023
- Cycle 3 | Nov 2023 – May 2024
- Cycle 4 | Oct 2024 – Jun 2025

Data Volume

- ~ 20 GB / night
- Total archive: ~ 4 TB

Important Science Cases

- Transients/Supernovae
- Variable Stars
- AGNs
- Eruptive/outburst events
- Resident Space Objects

DATA ACCESSIBILITY

The complete preprocessed and astrometrically calibrated dataset from four observing cycles is accessible via the QR code.



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