

# Update EUI

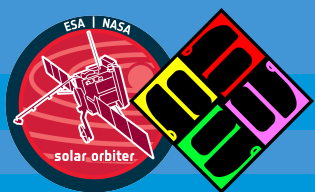
May 3 - June 21 = STP 146 - 152

D. Berghmans for the EUI consortium

PI teleconf 2021 June 24

Contact: [david.Berghmans@sidc.be](mailto:david.Berghmans@sidc.be) (PI)

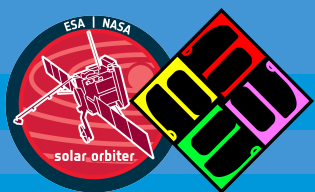




## Highlights May 3 - June 21 = STP 146 - 152



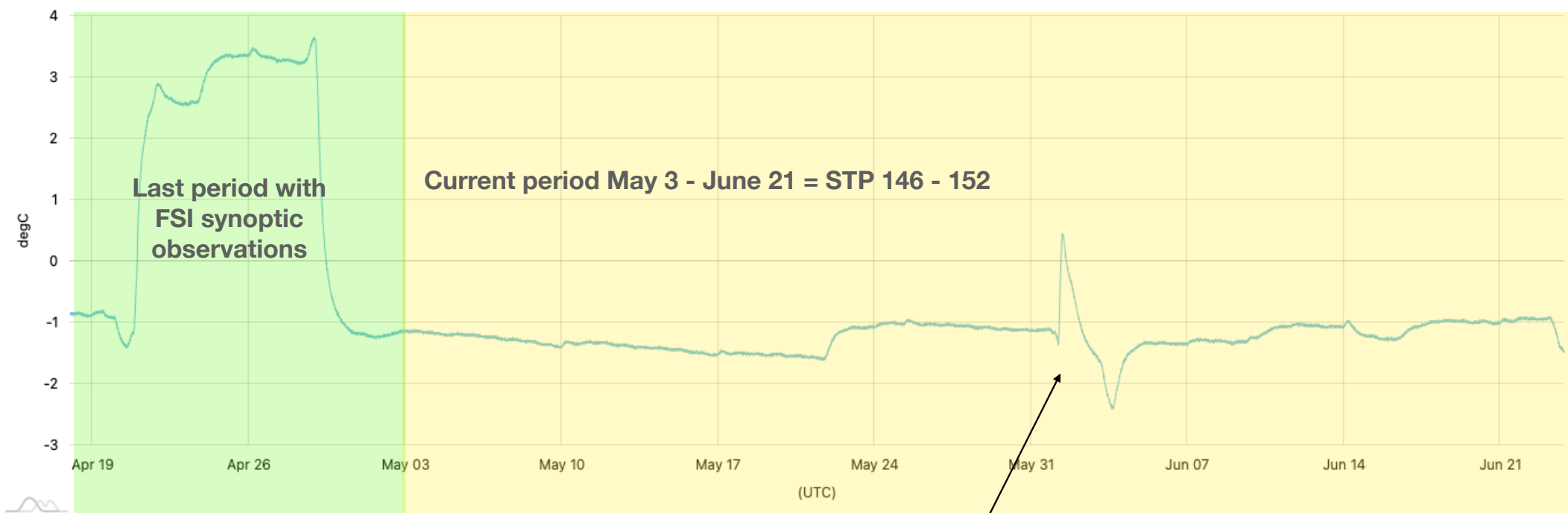
<b>Current Instrument Status</b>	Nominal	CEB on, telescope cameras off Heat shield doors closed instrument doors: HRIs closed, FSI d open
<b>Observations executed</b>	none	last on April 28
<b>Data download</b>	completed	EUI SSMM buffer empty since June 17
<b>Data release</b>	Data release 2 covers up to Feb 18	Data release 3 will cover up to April 28 scheduled end June
<b>Science results</b>	3 papers published	10 papers in preparation
<b>Upcoming instrument activity</b>	next July 8: Event detection test	>Aug 17: synoptics, software upload, RSCW4



# Instrument is nominal

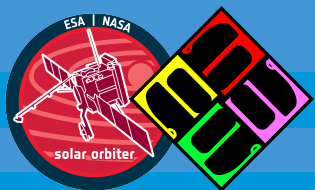


NRU02328 ANY 1 6 8 EUI EB URP =EUI electronic box reference temperature



**Trajectory Correction Manoeuvre?**

**MOR # 42** "A TCM type-1 (Sun distance > 0.95 AU) has been performed on DoY 152. The performance of the manoeuvre is being analyzed."

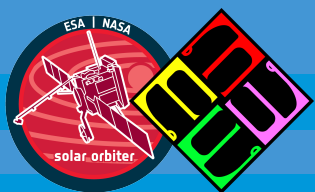


# Data download



NSM00869 PS12 Accumul Data (Hourly median) = EUI SSMM buffer

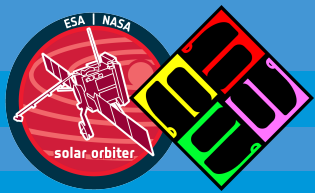




**Data release:**  
<https://sidc.be/EUI/data/releases/>



- **Data release 2 (2021 March) :** <https://doi.org/10.24414/z2hf-b008>
  - L1, L2, L3 - all data up till 2021 Feb 18 incl.
  - Fixed FITS keywords
- **Data release 3 (2021 June) :**
  - L1, L2, L3 - all data up till 2021 April 28 incl.
  - includes RSCW2 and RSCW3
  - bug fixes, evolving calibration

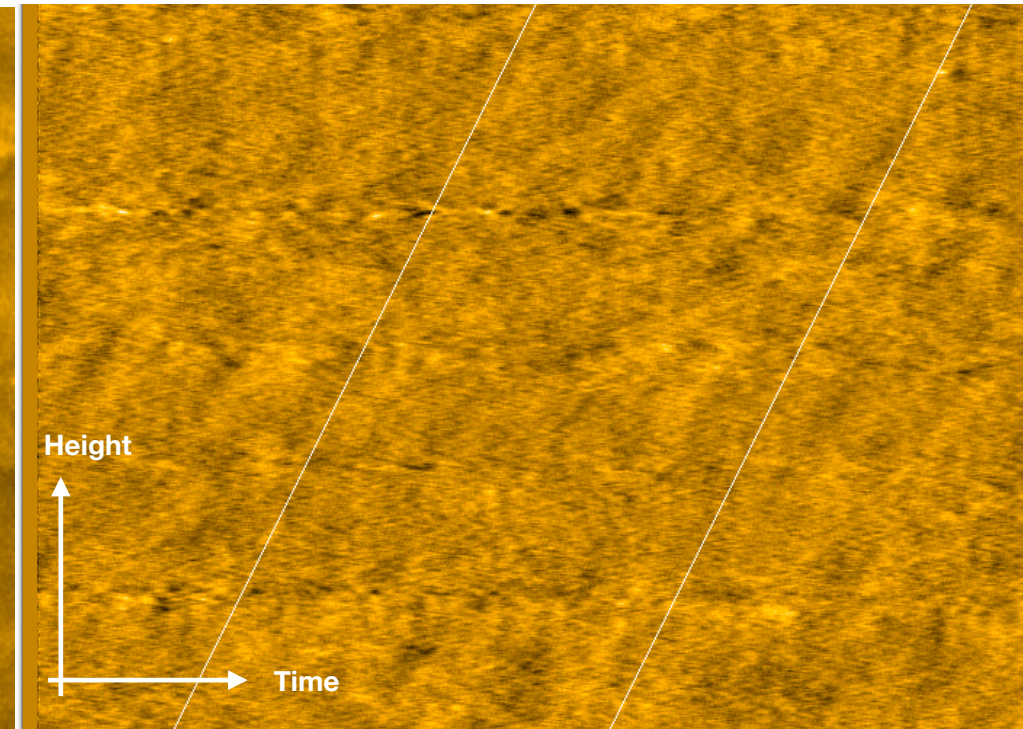
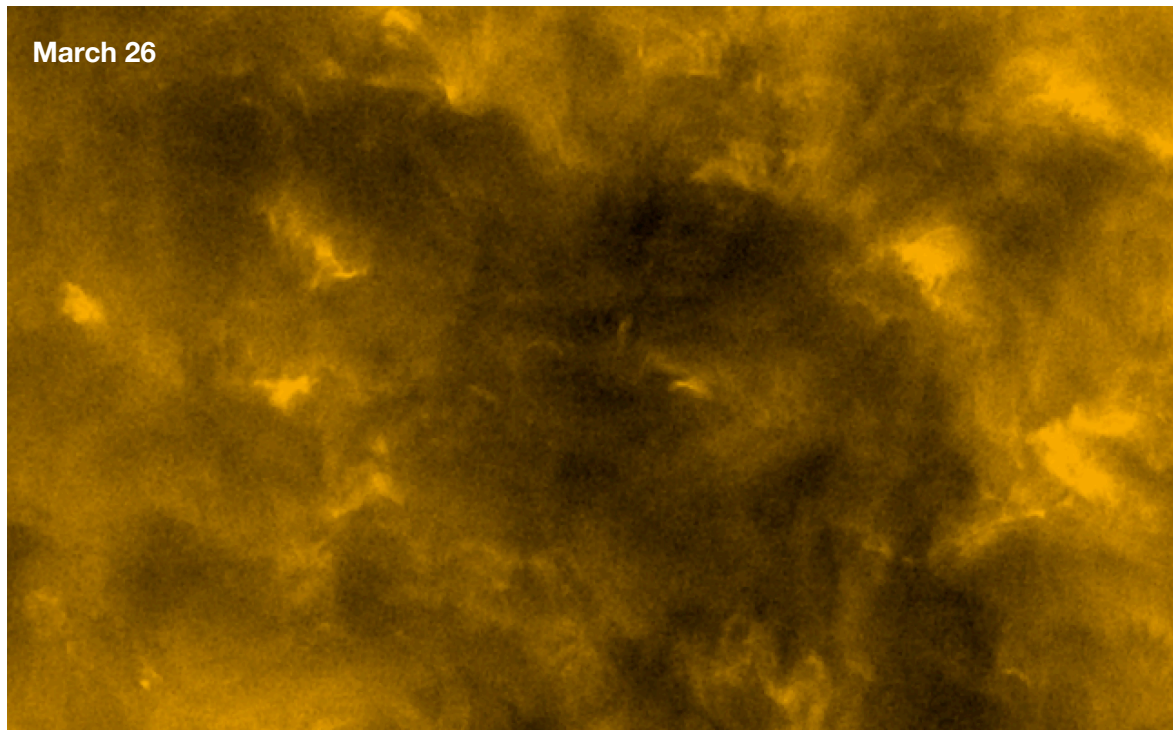


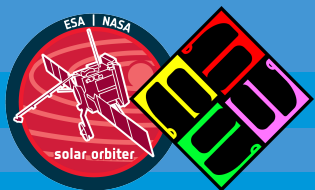
## Science Highlights



- About 10 papers in preparation
- EUI co-investigators are asked for help and become co-authors

March 26





## Upcoming instrument activity



- **July 8:** Solar flare detection test
- **Aug 17:** HRIs Earth quadrature offpoint (4 limb positions)
- **Aug 17-23:** FSI synoptics
- **Aug 30- :** FSI synoptics
- **Sept 12-20:** RSCW4
- **End of Aug: EUI software update**
  - improved parallel operations of telescopes
  - improved onboard calibration algorithms
  - high dynamic range imaging in subfields
  - improved mechanism management