

SWAP Status Update

D. Berghmans, E. D'Huys, M. West, B. Nicula
K. Stegen, J. O'Hara, R. Vansintjan, L. Wauters
PROBA2 STOWG 2017 Feb 13



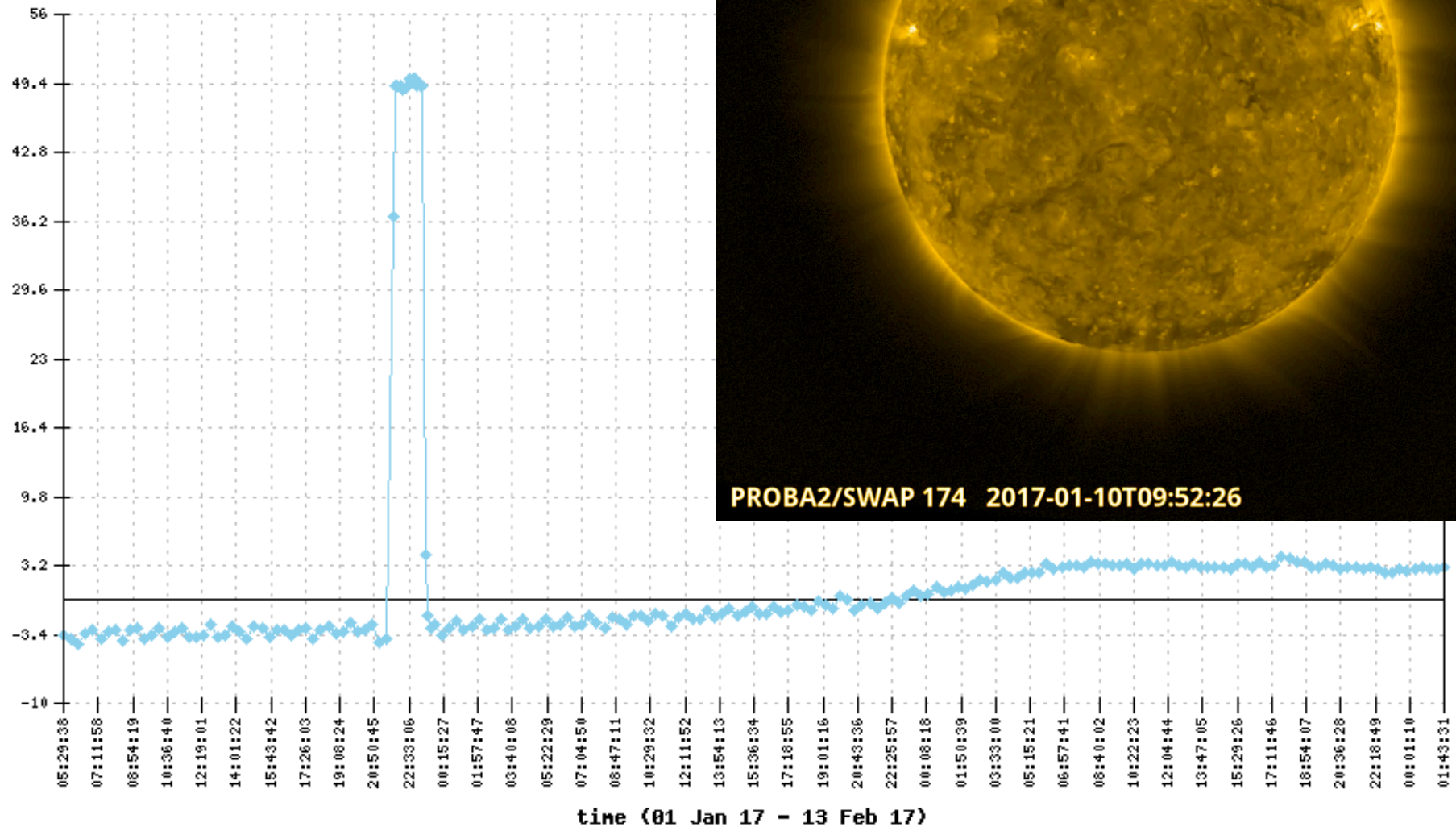
Overall Statistics

Mission days	2660 (7 years, 3 months, 11days)
Number of passes	23146 (>8 per day)
number of SWAP IOS	688 (2 IOS/week)
Number of reformatable SWAP images	1 632 876 (>610/day, > 70/pass)
Total Volume of SWAP data products (not jHelioviewer)	7.3 Terrabyte



SWAP is nominal

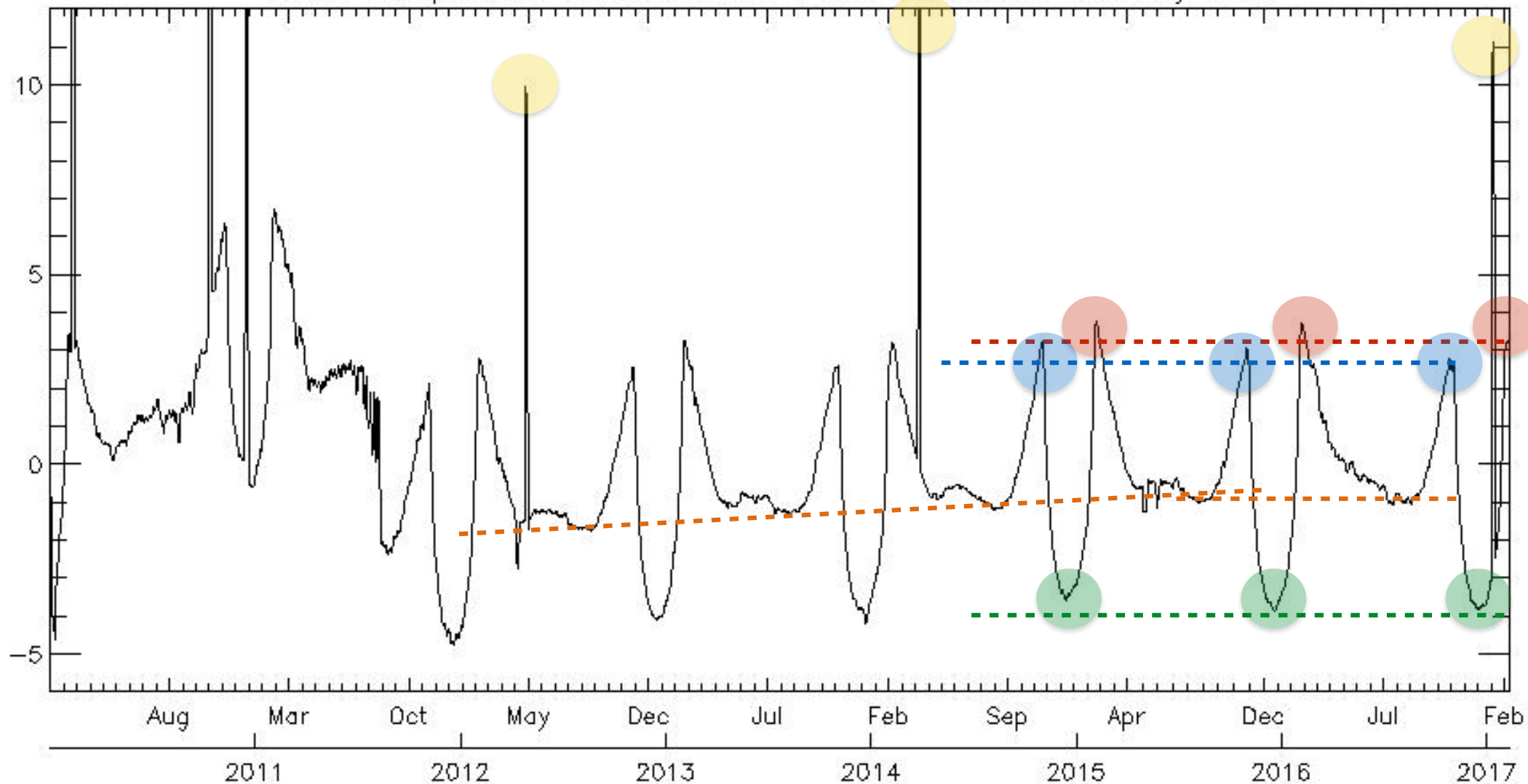
Detector temperature



PROBA2/SWAP 174 2017-01-10T09:52:26



SWAP Temperature evolution from 1 Jan 2010 to 9 February 2017

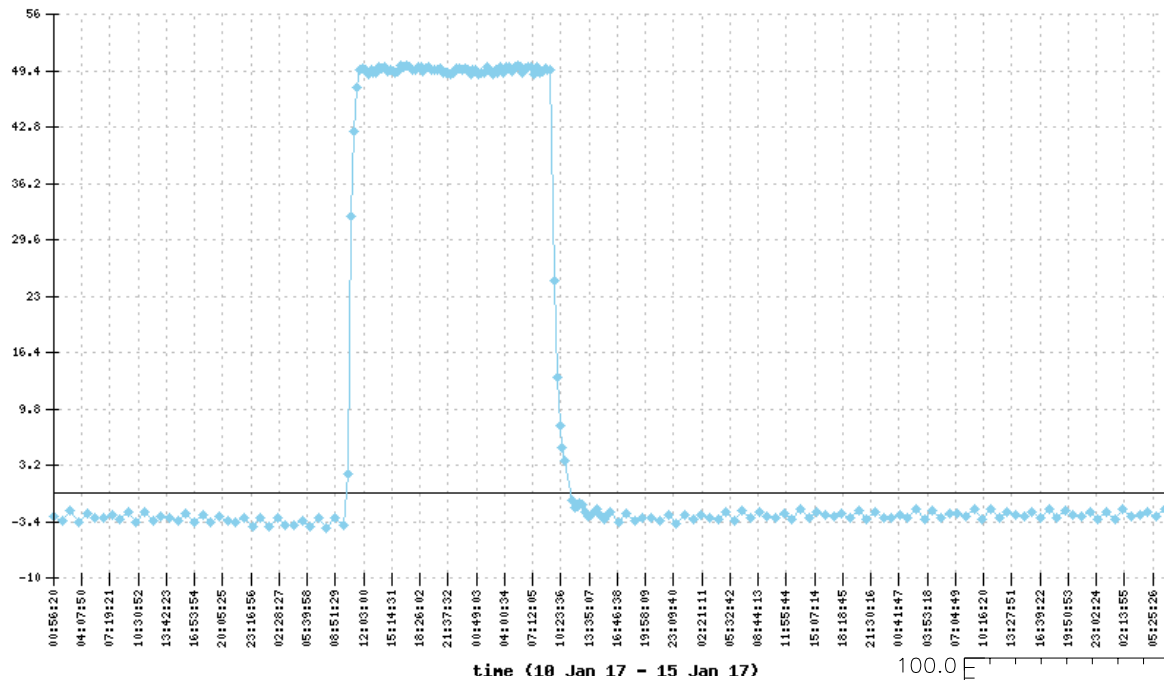


M. West (Monthly reports)



Royal Observatory of Belgium

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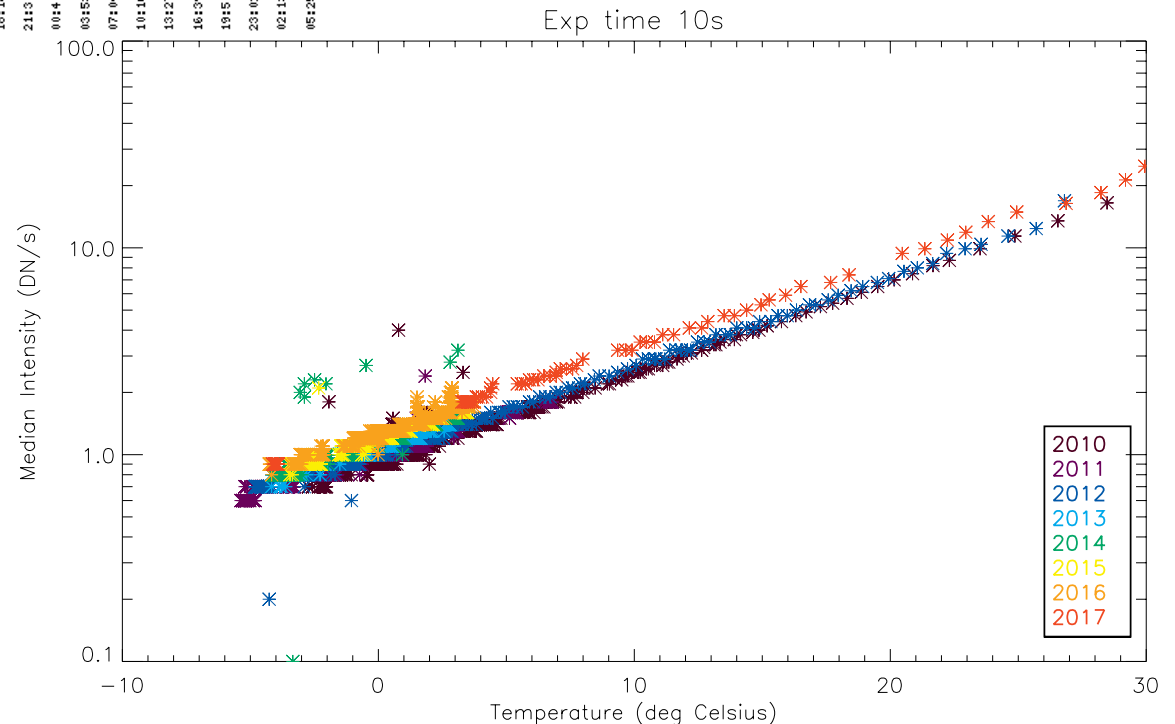


SWAP bake-out 2017 Jan 12

0.16 DN/year (3.5e/year)
increase in dark current

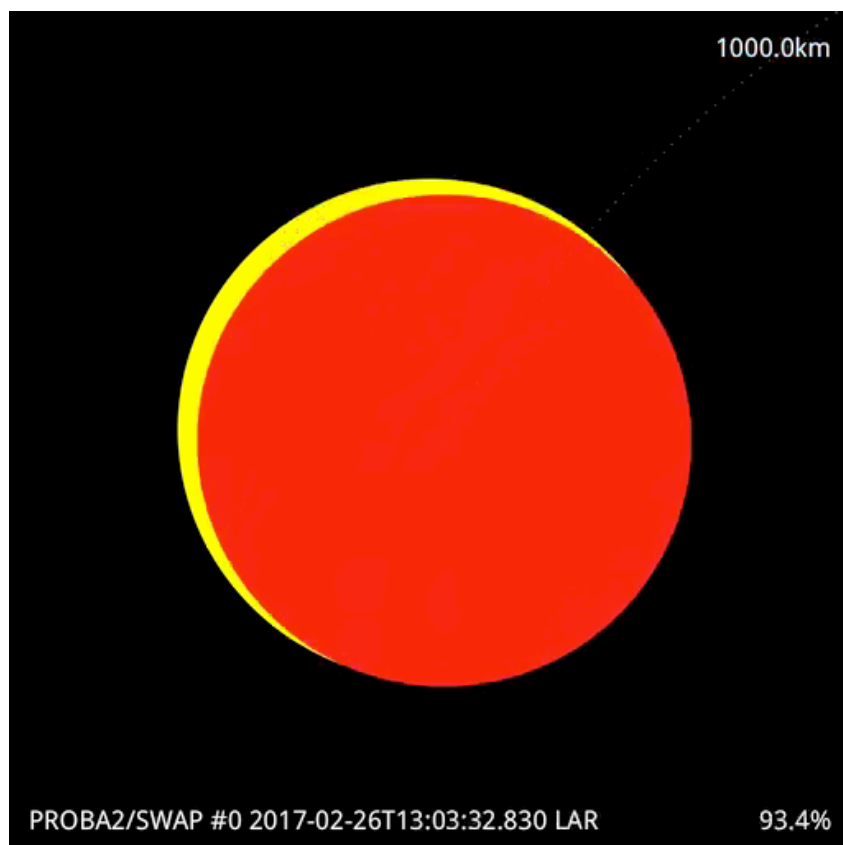
>100 years to reach EOL
of detector data sheet
(E. D'Huys)

SWAP reprocessing
upcoming

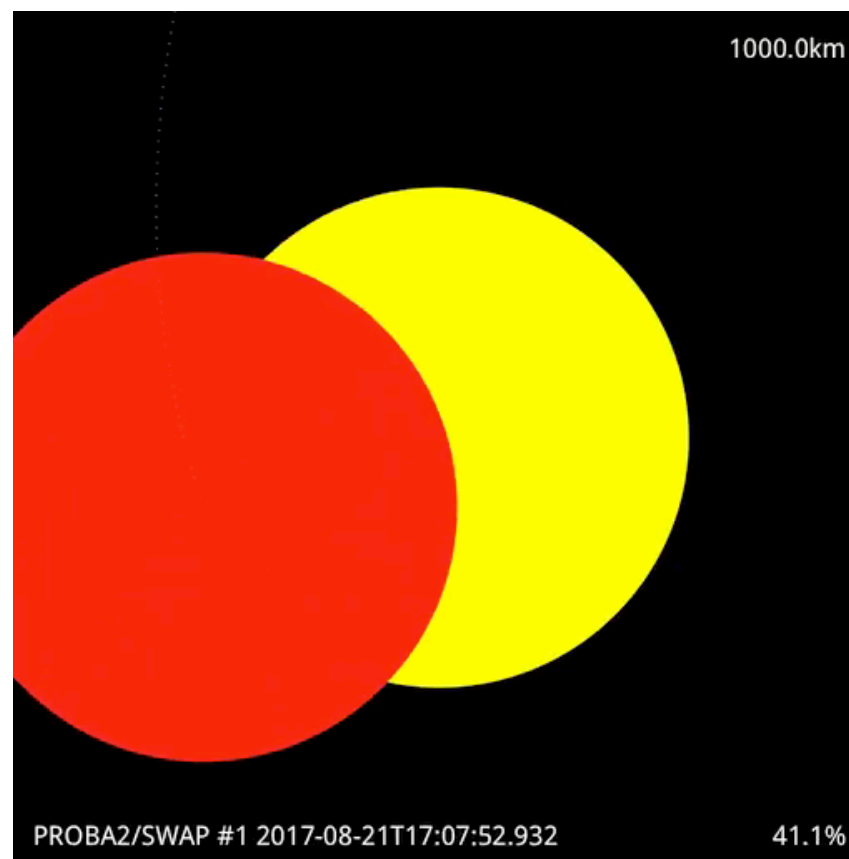


Upcoming celestial events

2017 Feb 26, >93%



2017 Aug 21, >41%



Community

- Nov 2016 “Coronal Fan Workshop”
(1st @ESAC, 2nd at ROB)
- Planned: GI call 2017 in May, next e-SWT in June
(pending renewal of P2SC contract)
- Collaboration with NOAA/SUVI (non-degradation,
extended FOV, long range EUV image series)



SWAP instrument scientist
E. D'Huys is nominal



Lars, 2017 Feb 6

