

Data archives

Movies for each observed day (28.10.2010 - 28.10.2019): [H- \$\alpha\$ movies](#) [White light movies](#)

Note:

in order to play the movies codec

MPEG-4 Video (FMP4)

is needed and we recommend to use

[VLC media player](#)

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[Observer logs \(pdf\)](#)

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- [2011](#)
- [2012](#)
- [2013](#)
- [2014](#)
- [2015](#)
- [2016](#)
- [2017](#)
- [2018](#)
- [2019](#) (until 28.10.2019)

[access raw data archives](#)
[Statistics about observations \(6.5.2011-28.10.2019\)](#)

observations
processed with
and
[Solarsoft](#)

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Examples of Hvar Solar Telescope
All data are

[IDL](#)

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- **22nd September 2011, sunspot group: 1302, X1.4 flare**

{gallery}images/instruments/solar_telescope/observations/HA-220911,caption=1,
gap_v=30{/gallery}

[H- \$\alpha\$ movie, 22.11.2011](#)

White light

- **23 September - 03 November 2011, sunspot group: 1302**

{gallery}images/instruments/solar_telescope/observations/WL-0911,caption=1,
gap_v=30{/gallery}

Further examples of Hvar solar observations (movies from raw data) Images are just rotated to proper orientation and auto contrast adjustment is applied.

[M4.7 & M1.8 flares in H \$\alpha\$, 09.05.2012, sunspot group: 1476 & 1477](#)

Venus transit, 06.06.2012:

[in H \$\alpha\$](#)

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[in white light](#)

[M5.6 flare in in H \$\alpha\$, 02.07.2012, sunspot group: 1515](#)

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[white light observations of the same region](#)

[H \$\alpha\$ observations of sunspot group 1515 over several days, 02.-05.07.2012](#)

[C1.8, C6.6 & C1.7 flares in H \$\alpha\$, 01.05.2013, sunspot group: 1731](#)

[M3.0, X1.0 & C2.3 flares in H \$\alpha\$, 11.06.2014, sunspot group: 2087](#)

[Transit of Mercury, 09.05.2016 in H \$\alpha\$ and white light](#)