

Stockholm SST Archive

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2021-11-15 3rd SOLARNET Forum for telescopes and databases

- Science-ready SST/CRISP and SST/CHROMIS data
- SOLARNET compliant FITS files
- Web server demands download credentials if future RELEASE date
- Local database with metadata and file paths
 - uploaded to SOLARNET SVO in Belgium
 - local web site for SST data only (prototype)
- 58 data cubes available so far, mostly SOLARNET access programme RELEASEd 1 yr after delivery to PI
- Will upload also ISP-owned data
 - probably RELEASEd min{1 yr after reduction, 2 yr after observation}
 - also older data as time permits
- Might offer to host also SST data owned by visiting observers

Search

Start Date: 2020-09-01

End Date: 2020-11-25

Instrument: CHROMIS

Spectral Lines: 3 Selected

Features: None Selected

Polarimetry: Any

Query :

Search

Feedback

Have opinions or suggestions about the Stockholm SST Archive?

Feel free to reach out with your feedback to daniel.nitsche@astro.su.se.

Showing results 1 to 10 of 10

Preview	Spectral Line(s)	Spectral Line Profile	Instrument	Time of Observation	Data Size	Download
	3950		CHROMIS	2020-10-11 08:04:18	48.0 GB	↓
	4846		CHROMIS	2020-10-11 08:04:28	21.2 GB	↓
	4846		CHROMIS	2020-10-11 08:04:45	6.4 GB	↓
	3950		CHROMIS	2020-10-11 08:38:50	38.2 GB	↓
	4846		CHROMIS	2020-10-11 08:39:50	23.5 GB	↓
	3950		CHROMIS	2020-10-11 09:16:48	11.9 GB	↓
	4846		CHROMIS	2020-10-11 09:16:58	5.5 GB	↓
	4846		CHROMIS	2020-10-11 09:19:12	2.6 GB	↓
	3950		CHROMIS	2020-10-16 08:58:57	20.6 GB	↓
	4846		CHROMIS	2020-10-16 09:11:18	5.4 GB	↓

- Prototype
- Basic search terms
- Search results with preview thumbnails
- Download directly or expand a data set
- More info from FITS file
- Todo: present also related data

Stockholm SST Archive Prototype

daniel.nitsche@astro.su.se

Admin Log out

Search

Start Date:

End Date:

Instrument:

Spectral Lines:

Features:

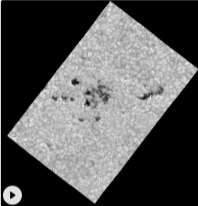
Polarimetry:

Query

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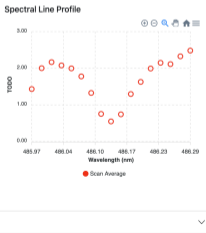
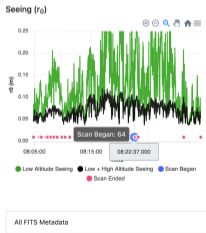
Observation Details

Preview



Features: -

Observation began:	2020-10-11 08:04:45
Observation ended:	2020-10-11 08:34:20
Instrument:	CHROMIS
Spectral Line:	4846 Å (H-beta)
FITS Cube(s):	<input type="button" value="Download FITS data cube (6.4 GB)"/>



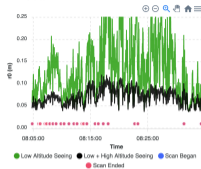
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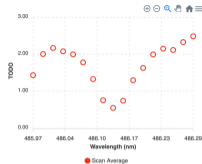
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Seeing (σ)



Spectral Line Profile



All FITS Metadata

Keyword	Value
DATE-BEG	2020-10-11 08:04:45
DATE-END	2020-10-11 08:34:20
WAVEMIN	484.3
WAVEMAX	484.9
AO_LOCK	0.985435
AO_NMODE	84
ATMOS_RO	0.0991893
BTYPE	Intensity
BUNIT	W m ⁻² Hz ⁻¹ ar ⁻¹
CDAVG	76.9754
CADMAX	482.755
CADMIN	16.6352
CADVAR	11199.7
CAMERA	Chromis-N
CDEL1	1
CDEL1A	0.0
CDEL12	1
CDEL12A	0.0
CDEL13	1
CDEL14	1
CDEL15	1
CNAME1	Spatial X

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