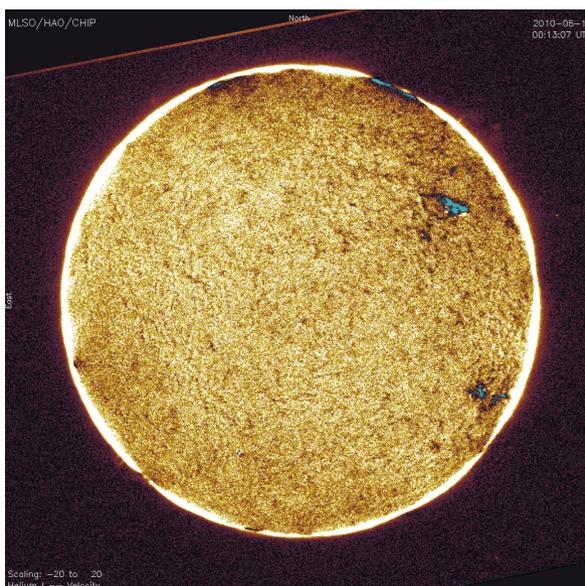




Go

http://mlso.hao.ucar.edu/hao/archive/acos/2010/06/11/20100612.001307.chp.bsh.fts.gz



Data Product

CHIP He 1083 nm Velocity

Observation Time: 2010-06-12T00:13:07Z

Visualization (GIF): <http://mlso.hao.ucar.edu/hao/archive/acos/fullres/2010/06/11/20100612.001307.chp.bsh.gif>

Science Image (FITS): <http://mlso.hao.ucar.edu/hao/archive/acos/2010/06/11/20100612.001307.chp.bsh.fts.gz>

Image Resolution: 1024 x 1024 pixels

Observation Type: Near Blue

Contact(s): Joan Burkepile [<iguana@ucar.edu>](mailto:iguana@ucar.edu)

Observation

Source: [Chromospheric Helium-I Image Photometer](#) (CHIP)

Observed Parameter: [He 1083 nm Velocity](#)

Observation Time: 2010-06-12T00:13:07Z

Sensor: [KODAK MEGAPLUS 1.6 CCD](#)

Solar P-Angle: -11.12 (degrees)

Solar B-Angle: -0.64 (degrees)

Solar L-Angle: 55.51 (degrees: carr. longitude)

Solar Elevation: 63.93 (degrees)

Solar Azimuth: 282.89 (degrees)

(more)

Processing

bias calibration (account for detector & electronics bias) ([details](#))

flat-field calibration (account for detector & optics bias) ([details](#))

hot pixel screening (filter bad data values) ([details](#))

center image (data image centered on solar center) ([details](#))

rotate image (data image rotated, solar North to top center of data image) ([details](#))

trim image (image subset to 1024 x 1024 data pixels) ([details](#))

filter cold pixels (negative data values filtered) ([details](#))

normalize data pixels (...) ([details](#))

pseudo-velocity image computed (compute blue - red freq. data parameter) ([details](#))

Quality

Quality: Good ([details](#))

Evidence: test channel = 692.21 (above 600 -> Good)

Comments

ARCHIVE (highest graded image of the day)

Comments

Weather Comment

Clear skies, temp 52f, wind 12mph from the south east
-- berkey at 2010-06-11T16:24:13Z (7h48m54s before image observation)

Event Comment

Lots of activity from the active region in the north east quadrant of the sun this morning
-- Ben at 2010-06-11T20:40:59Z (3h32m8s before image observation)

Event Comment

The north east active region appears to have eurrupted at about 21ut
-- Ben at 2010-06-11T21:27:27Z (2h45m40s before image observation)

Event Comment

The two reports above should be north WEST not north east as reported
-- Ben at 2010-06-11T21:28:09Z (2h44m58s before image observation)

General Problem Comment

A lot of dec motion seen on the spar
-- Ben at 2010-06-12T00:15:28Z (0h2m21s after image observation)

Observer Note

tried to adjust the cable supports again; it appears that some of the strain has been removed and the pointing is better
-- Ben at 2010-03-12T00:26:50Z (0h13m43s after image observation)

Solar Activity Events

Mk4 16:43-02:12; Coronado 16:23-02:15; CHIP 16:24-02:13.

LASCO shows outflow along the streamers, very strong in the E after yesterday CME. Strong outflow and possible faint CME also in the W. CME with round front in the NE, visible in C2 fov starting at ~0930UT

AR 11078 is disappearing behind the SW limb and decaying.

AR 11080 in the SW is growing. There is also a new AR 11081 forming in the NW (at a similar longitude) and rapidly growing.

Some brightening/surging in the the ARs in the SW noticeable in EIT 195A.

Limb CME noticeable in EIT in the NE at ~0524-0800UT. Another faint limb CME at ~1536-1624UT

Very large and active prominence (possibly eruptive by the end of the day) in the NW noticeable in EIT 304A.

Small coronal cavity in the NE, faint coronal cavity in the SE.

No noticeable coronal activity in uncalibrated Mk4 data.

Very large and tall active prominence in the NW.

Smaller active prominences in the NE and in the SE

Very strong surging in AR 11081 in the NW noticeable in Halpha.