怀柔站塔楼及全日面望远镜观测周报

2018 年 01 月 30 日～2018 年 02 月 06 日

值班：汪国萍、荆帅、杨潇

天气、太阳活动、观测：

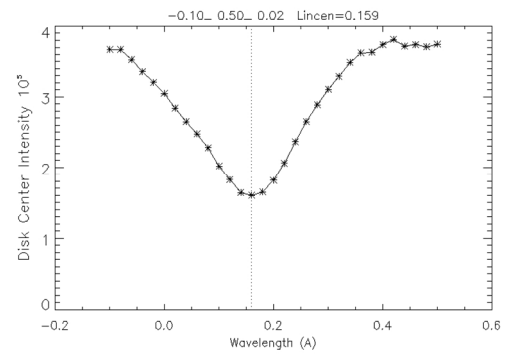
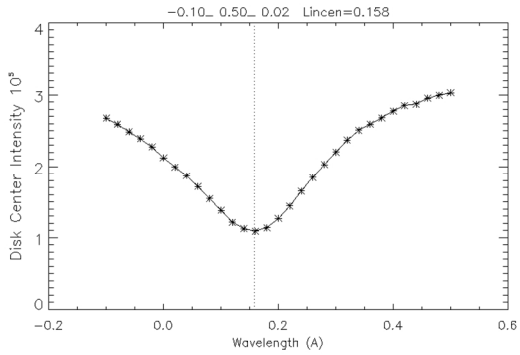
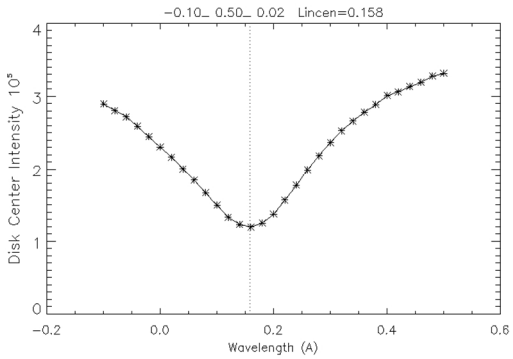
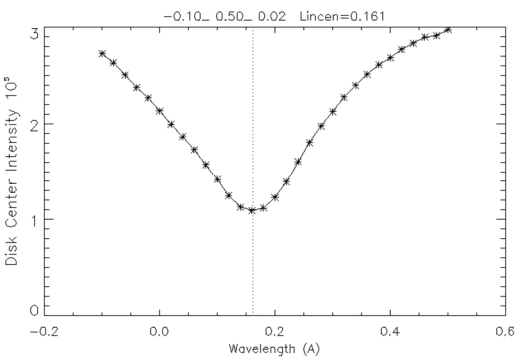
日期	天气	风力	日面活动区(NOAA)	活动事件
2018-01-30	晴转云/多云转晴	3 级	无	--
2018-01-31	晴/晴	2 级	12697	--
2018-02-01	多云/多云	2 级	12697	--
2018-02-02	晴/晴	3 级	12697	--
2018-02-03	晴/多云	3 级	12697~98	--
2018-02-04	晴/多云	2 级	12697~98	--
2018-02-05	晴/晴	2 级	12697~99	0117-0129, 12699, SF/B1.9 0316-0325, 12699, SF 0332-0341, 12699, SF 0538-0545, 12699, SF/B2.0 0710-0718, 12699, SF 0744-0748, 12699, SF
2018-02-06	晴/	2 级	12697~99	--

本周诸日的 Hα 观测情况请见：

http://sun.bao.ac.cn/hsos_datas/movie/2018/01/movie_Ha20180130full.mpeg
http://sun.bao.ac.cn/hsos_datas/movie/2018/01/movie_Ha20180131full.mpeg
http://sun.bao.ac.cn/hsos_datas/movie/2018/02/movie_Ha20180202full.mpeg
http://sun.bao.ac.cn/hsos_datas/movie/2018/02/movie_Ha20180202lc.mpeg
http://sun.bao.ac.cn/hsos_datas/movie/2018/02/movie_Ha20180203full.mpeg
http://sun.bao.ac.cn/hsos_datas/movie/2018/02/movie_Ha20180203lc.mpeg
http://sun.bao.ac.cn/hsos_datas/movie/2018/02/movie_Ha20180204full.mpeg
http://sun.bao.ac.cn/hsos_datas/movie/2018/02/movie_Ha20180204lc.mpeg
http://sun.bao.ac.cn/hsos_datas/movie/2018/02/movie_Ha20180205full.mpeg
http://sun.bao.ac.cn/hsos_datas/movie/2018/02/movie_Ha20180205lc.mpeg

Hα 在显示 0.1-0.2 位置观测，偏带观测位置相应调整。

全日面磁场线心位置稳定（见后页）。

	
2018-01-31	2018-02-04
	
2018-02-05	2018-02-06

仪器、软件、网络：

小磁场两个望远镜运转正常。

35cm 望远镜运转正常。三通道望远镜滤光器在检修。

往 sun10、rwcc、空间中心的网络传输均正常。

观测软件运行正常。

站上动态：

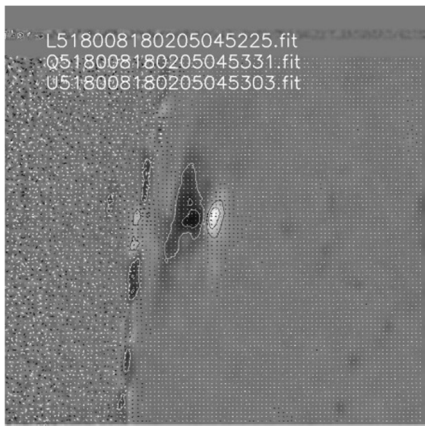
本周，孙英姿、张鑫伟、孙文君等陆续在东光谱房检测温泉磁场滤光器。

2 月 1～3 日，段帷、白先勇、郭晶晶、王工在小磁场调试 CMOS 相机。

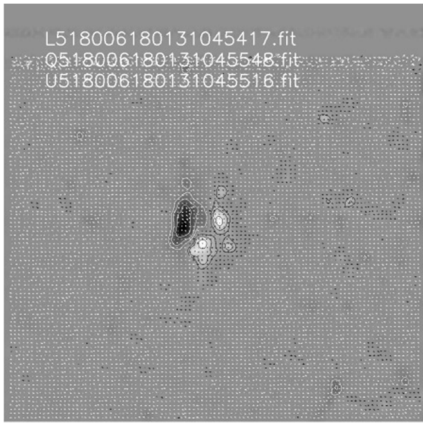
2 月 2 日，怀柔基地年终总结会。

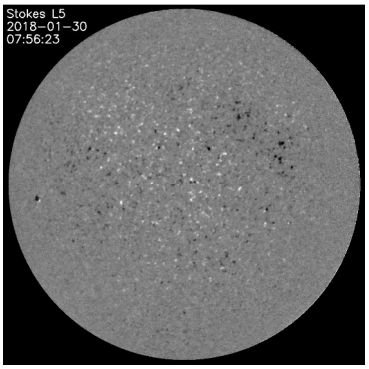
观测样本：（2～3 页）

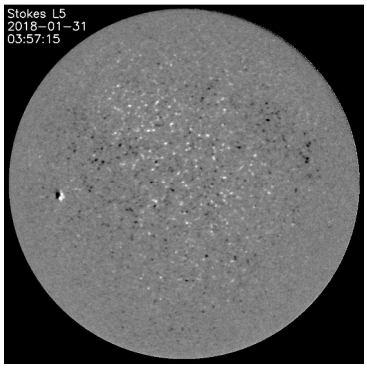
HR 18008 / NOAA 12699

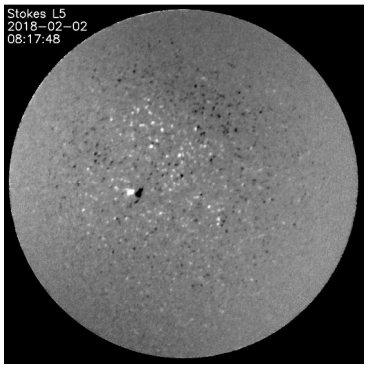


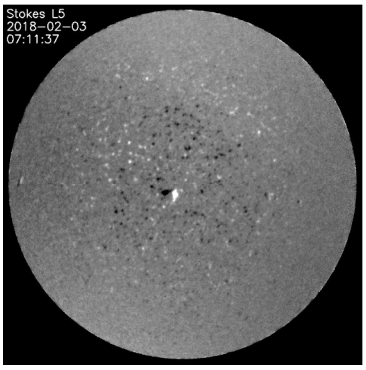
HR 18006 / NOAA 12697

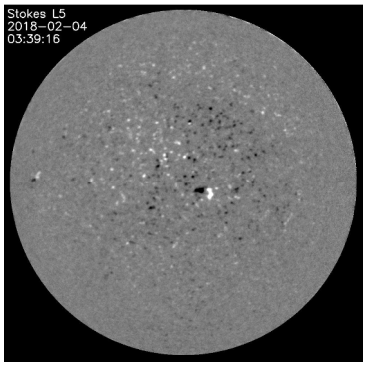


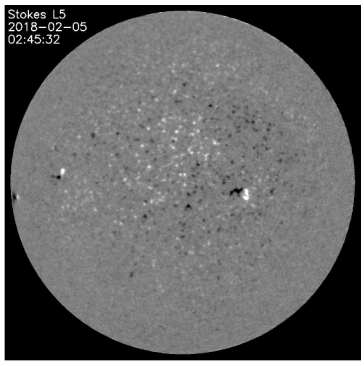

Stokes L5
2018-01-30
07:56:23

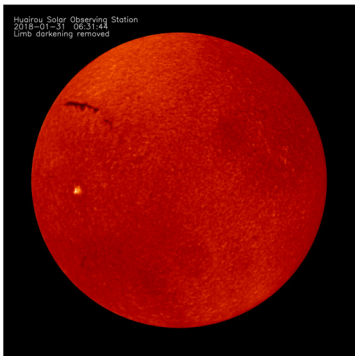

Stokes L5
2018-01-31
03:57:15

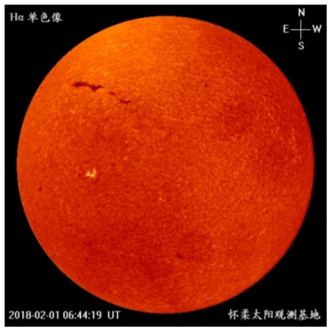

Stokes L5
2018-02-02
08:17:48

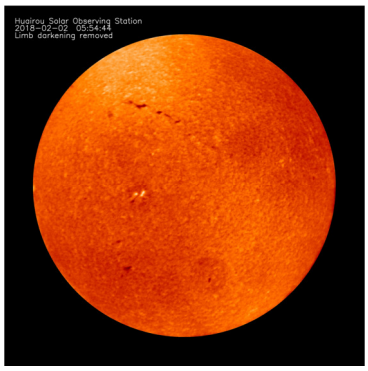

Stokes L5
2018-02-03
07:11:37

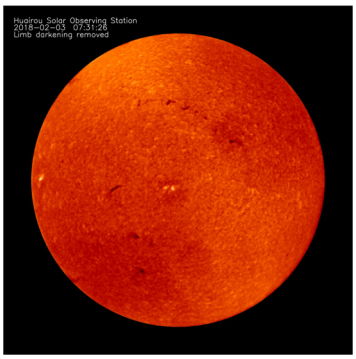

Stokes L5
2018-02-04
03:39:16

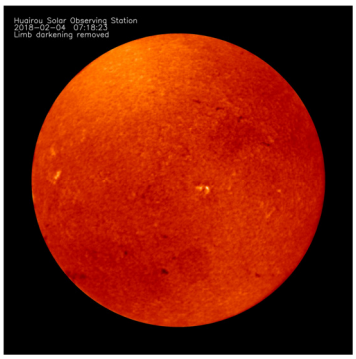

Stokes L5
2018-02-05
02:45:32

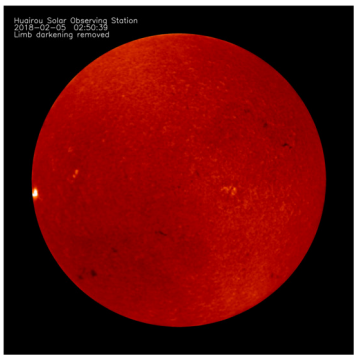

Huairou Solar Observing Station
2018-01-31 06:31:44
Limb darkening removed

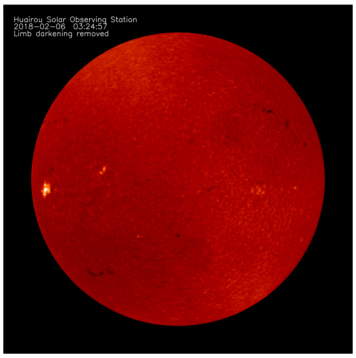

Hα 单色像
N
E
W
S
2018-02-01 06:44:19 UT
怀柔太阳观测基地


Huairou Solar Observing Station
2018-02-02 05:54:44
Limb darkening removed


Huairou Solar Observing Station
2018-02-03 07:31:28
Limb darkening removed


Huairou Solar Observing Station
2018-02-04 07:18:23
Limb darkening removed


Huairou Solar Observing Station
2018-02-05 02:50:38
Limb darkening removed


Huairou Solar Observing Station
2018-02-06 03:24:37
Limb darkening removed