怀柔基地观测周报

值班日期：2017-09-20 至 2017-09-27

值班人：刘锁、汪国萍、荆帅

天气与观测情况：

日期	最高气温	最低气温	天气	风力	观测（全日面）	观测（局部去）
2017.9.20	27℃	13℃	晴	南风 1-2 级	正常	正常
2017.9.21	29℃	15℃	阵雨多云	南风 1-2 级	少量	少量
2017.9.22	27℃	12℃	晴	北风 3-4 级	正常	正常
2017.9.23	27℃	10℃	晴	南风 3 级	正常	正常
2017.9.24	31℃	15℃	阴	南风 1 级	正常	正常
2017.9.25	27℃	16℃	阴	西南风 3 级	无	无
2017.9.26	25℃	11℃	阴	北风 3 级	无	无
2017.9.27	23℃	8℃	阴	西北风 3 级	无	无

太阳活动情况：

日期	活动区 （NOAA）	耀斑发生区	耀斑时间	级别
2017.9.20	12680			
2017.9.21	12680/81			
2017.9.22	12680/81			
2017.9.23	12680/81			
2017.9.24	12681			
2017.9.25	12681			
2017.9.26	12681			
2017.9.27	12681			

仪器运行情况：

全日面 Hα 望远镜运行正常。

全日面磁场望远境运行正常。

数据传输情况：

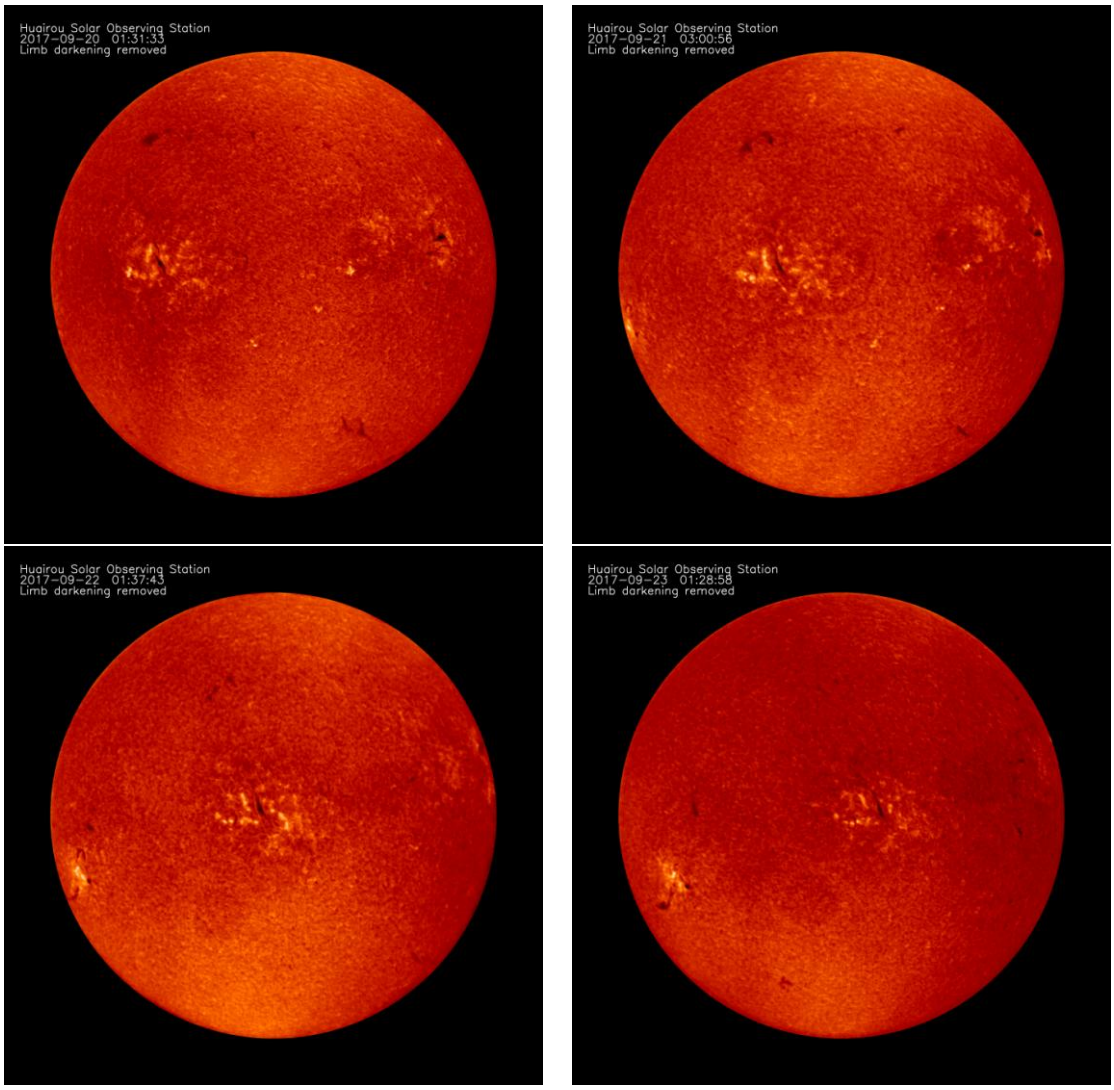
往太阳预报组传输正常。

其它情况：

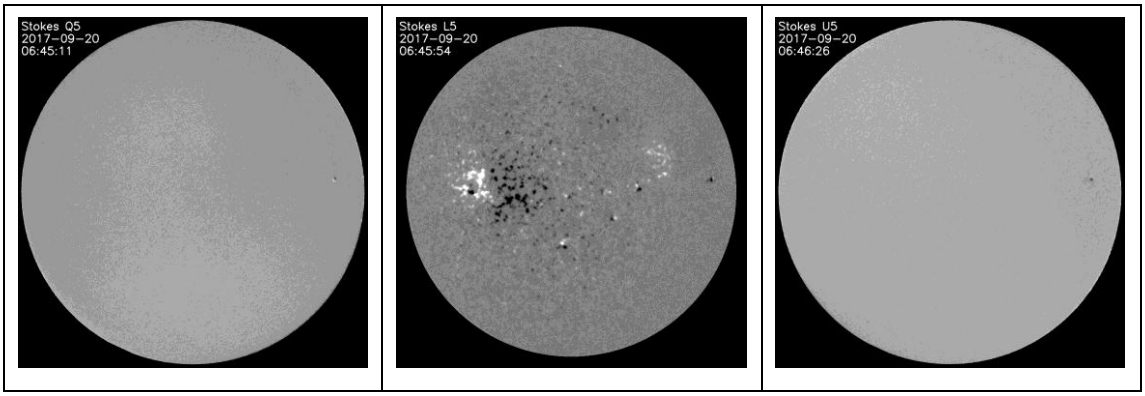
无

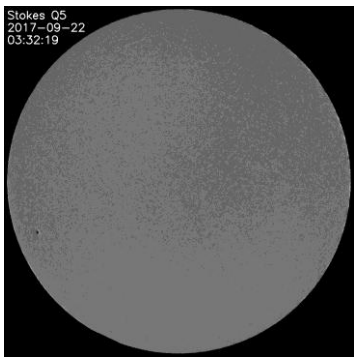
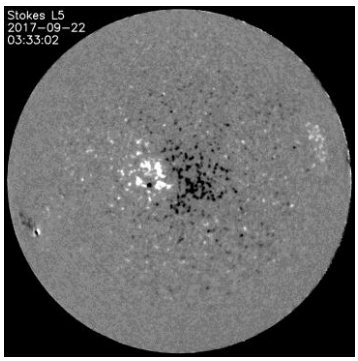
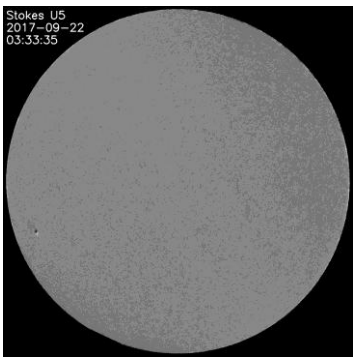
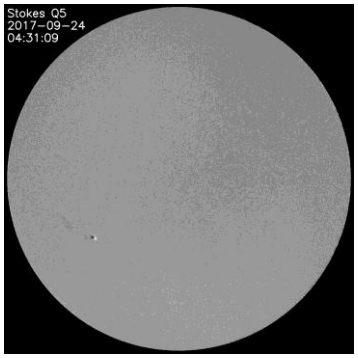
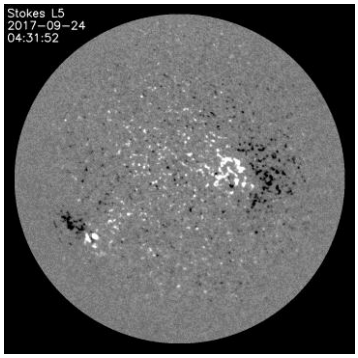
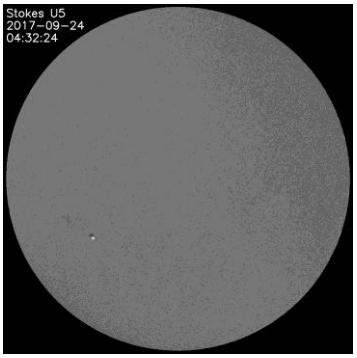
观测样本：

全日面 Hα 观测


Huairou Solar Observing Station
2017-09-20 01:31:33
Limb darkening removed
Huairou Solar Observing Station
2017-09-21 03:00:56
Limb darkening removed
Huairou Solar Observing Station
2017-09-22 01:37:43
Limb darkening removed
Huairou Solar Observing Station
2017-09-23 01:28:58
Limb darkening removed

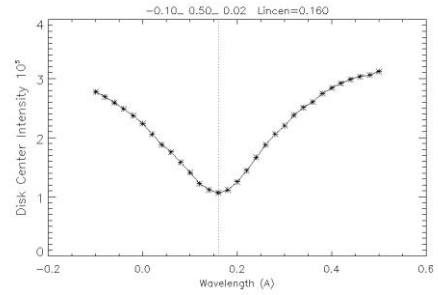
全日面磁场观测


Stokes Q5
2017-09-20
06:45:11
Stokes L5
2017-09-20
06:45:54
Stokes U5
2017-09-20
06:46:26

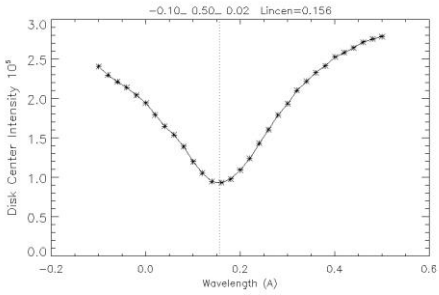
		
		

局部区磁场观测

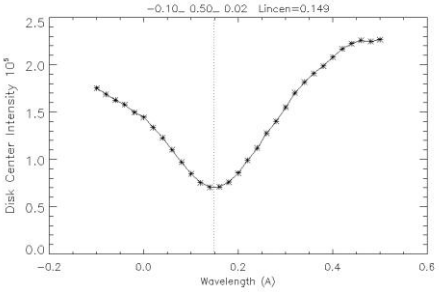
谱线扫描 2017.09.20



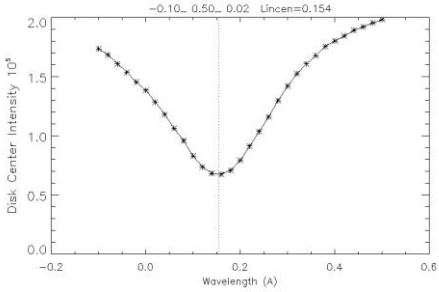
谱线扫描 2017.09.21



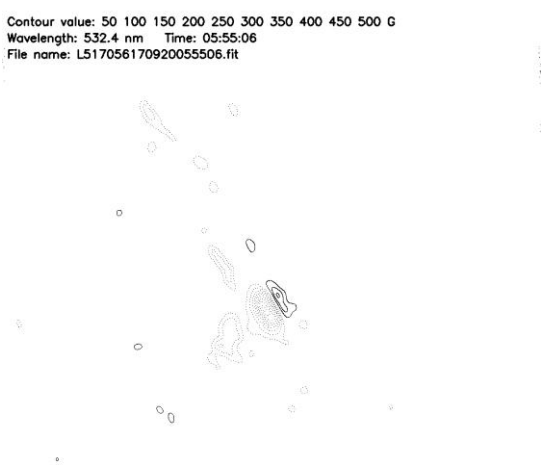
谱线扫描 2017.09.22

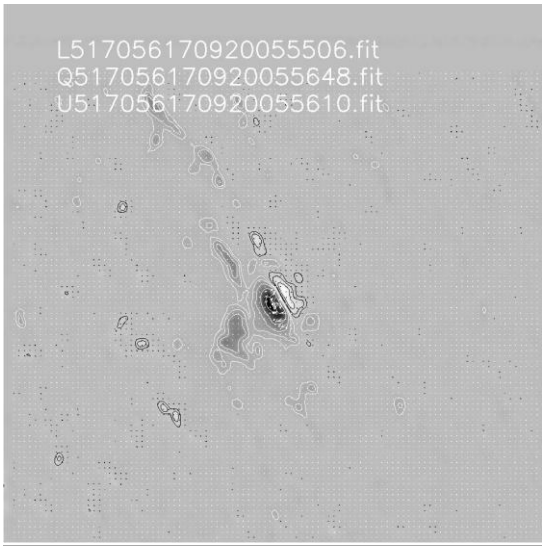


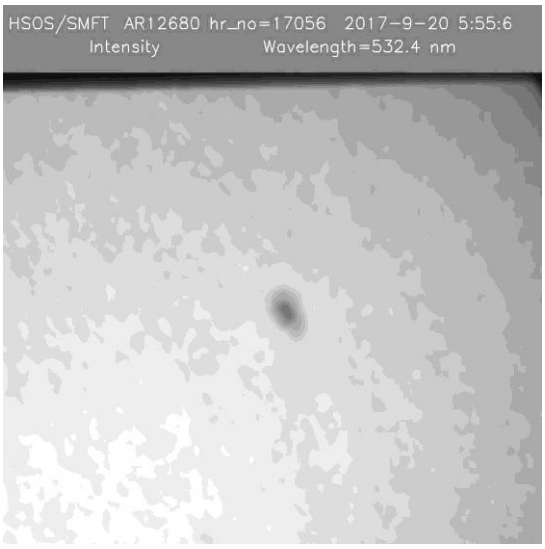
谱线扫描 2017.09.23

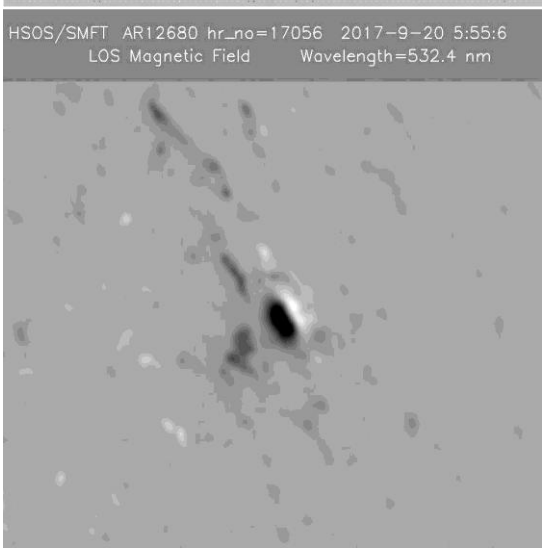


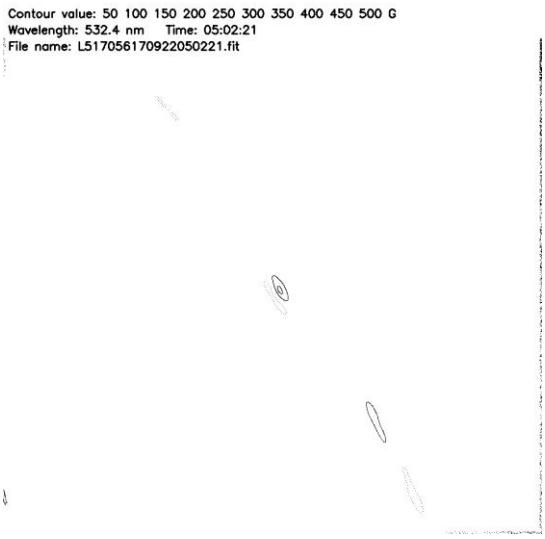
局部区磁场观测

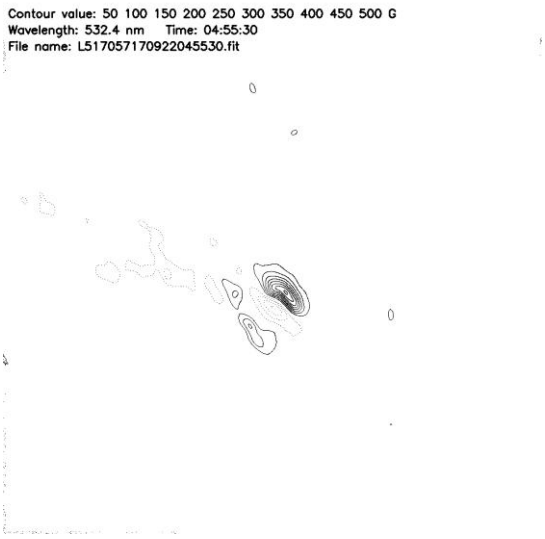

Contour value: 50 100 150 200 250 300 350 400 450 500 G
Wavelength: 532.4 nm Time: 05:55:06
File name: L5170561709200555O6.fit

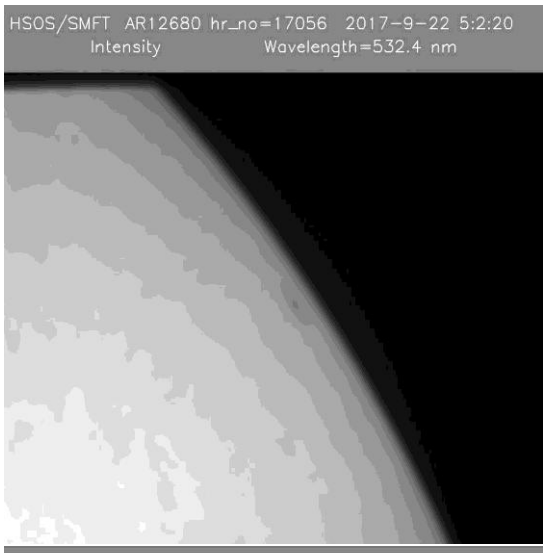

L517056170920055506.fit
Q517056170920055648.fit
U517056170920055610.fit

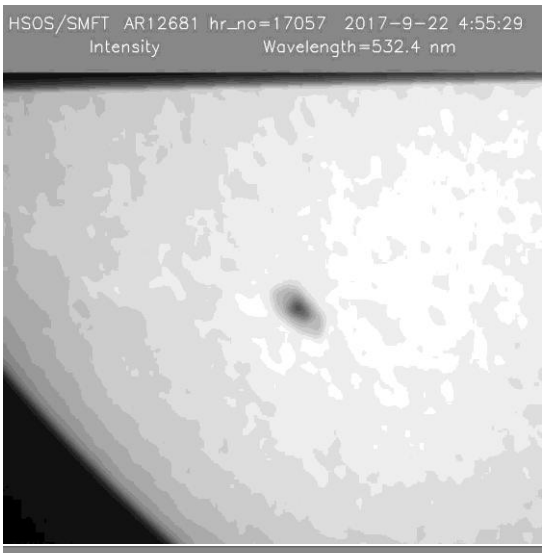

HSOS/SMFT AR12680 hr_no=17056 2017-9-20 5:55:6
Intensity Wavelength=532.4 nm


HSOS/SMFT AR12680 hr_no=17056 2017-9-20 5:55:6
LOS Magnetic Field Wavelength=532.4 nm

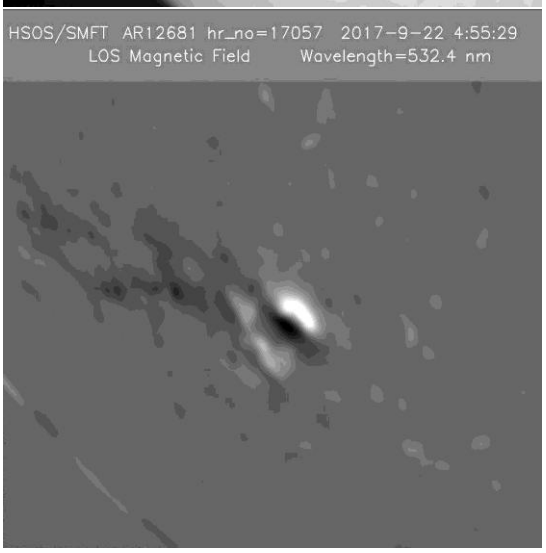

Contour value: 50 100 150 200 250 300 350 400 450 500 G
Wavelength: 532.4 nm Time: 05:02:21
File name: L5170561709220502Z1.fit

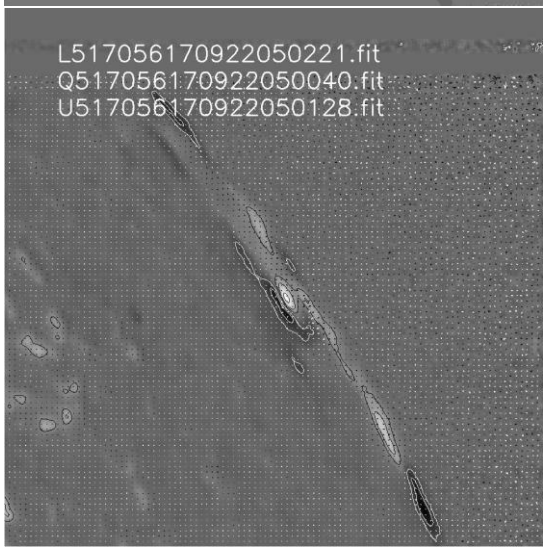

Contour value: 50 100 150 200 250 300 350 400 450 500 G
Wavelength: 532.4 nm Time: 04:55:30
File name: L517057170922045530.fit


HSOS/SMFT AR12680 hr_no=17056 2017-9-22 5:2:20
Intensity Wavelength=532.4 nm


HSOS/SMFT AR12681 hr_no=17057 2017-9-22 4:55:29
Intensity Wavelength=532.4 nm


HSOS/SMFT AR12680 hr_no=17056 2017-9-22 5:2:20
LOS Magnetic Field Wavelength=532.4 nm


HSOS/SMFT AR12681 hr_no=17057 2017-9-22 4:55:29
LOS Magnetic Field Wavelength=532.4 nm


L517056170922050221.fit
Q517056170922050040.fit
U517056170922050128.fit