怀柔基地观测周报

值班日期：2018-04-17 至 2018-04-26

值班人：汪国萍、荆帅、刘锁

天气与观测情况：

日期	观测（全日面）	观测（局部区）
2018.04.17	阴天无观测	阴天无观测
2018.04.18	阴天无观测	阴天无观测
2018.04.19	阴天无观测	阴天无观测
2018.04.20	正常观测	正常观测
2018.04.21	阴天无观测	阴天无观测
2018.04.22	阴天无观测	阴天无观测
2018.04.23	少量观测	少量观测
2018.04.24	正常观测	正常观测
2018.04.25	正常观测	正常观测
2018.04.26	正常观测	正常观测

太阳活动情况：本周出现一个活动区 12703。

日期	活动区 （NOAA）	耀斑发生区	耀斑时间	级别
2018.04.17	12704/05			
2018.04.18	127004/05			
2018.04.19	127004/05			
2018.04.20	12704/05/06			
2018.04.21	12704/05/06			
2018.04.22	12704/05/06			
2018.04.23	12704/05/06			
2018.04.24	12704/06/07			
2018.04.25	12704/06/07			
2018.04.26	12704/06/07			

仪器运行情况：

全日面 ⊢α 望远镜和全日面磁场望远镜运行正常。

35cm 磁场望远境运行正常。

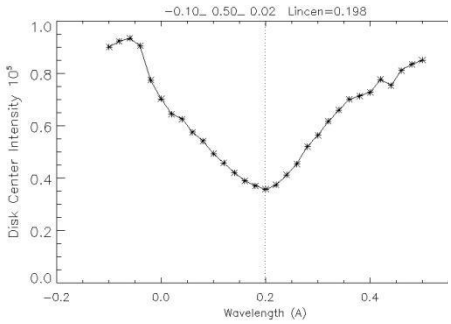
数据传输情况：

数据正常上传

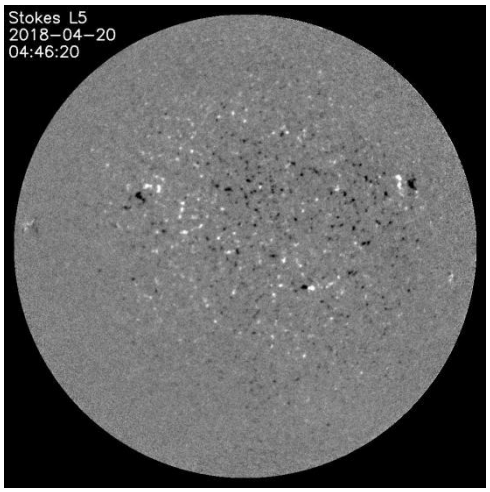
其它情况：

无

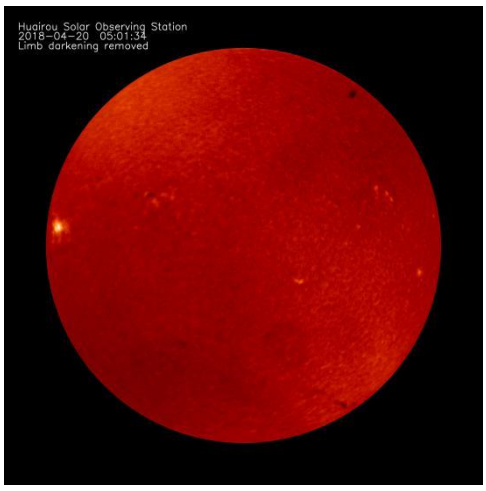
观测样本

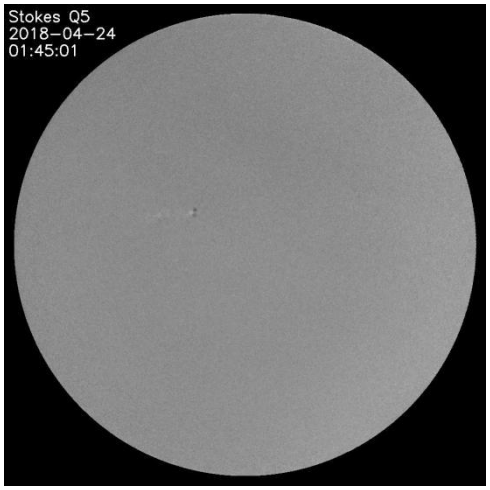

−0.10_ 0.50_ 0.02 Lincen=0.198
Disk Center Intensity 10^8
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0.0
0.2
0.4
Wavelength (A)

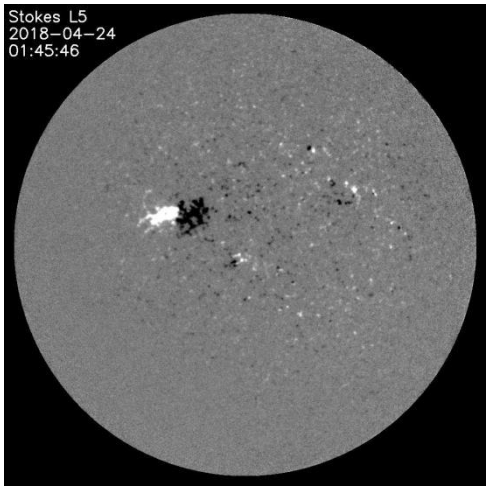

Stokes Q5
2018−04−20
04:45:35


Stokes L5
2018−04−20
04:46:20

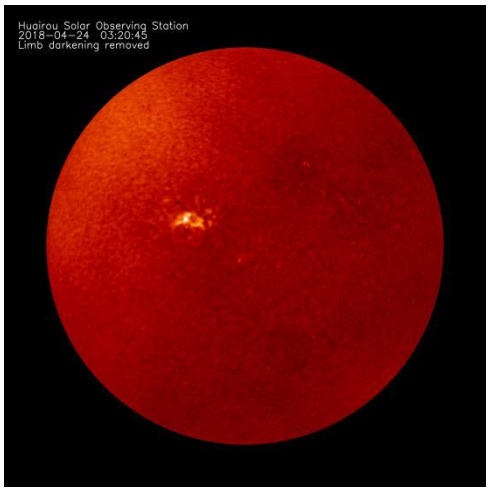

Stokes U5
2018−04−20
04:46:54

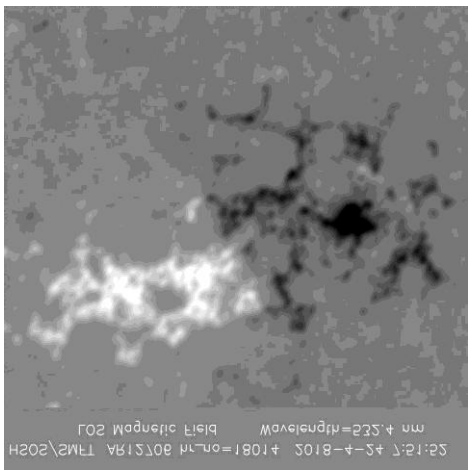

Huairou Solar Observing Station
2018−04−20 05:01:34
Limb darkening removed

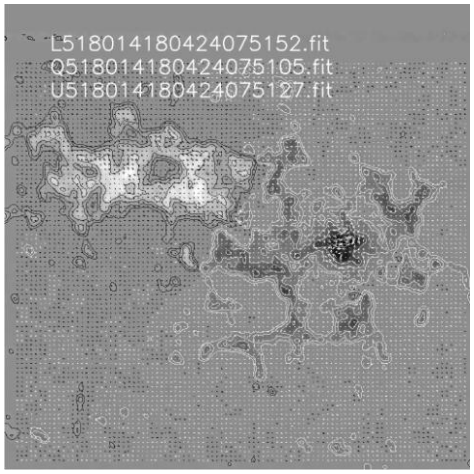

Stokes Q5
2018-04-24
01:45:01

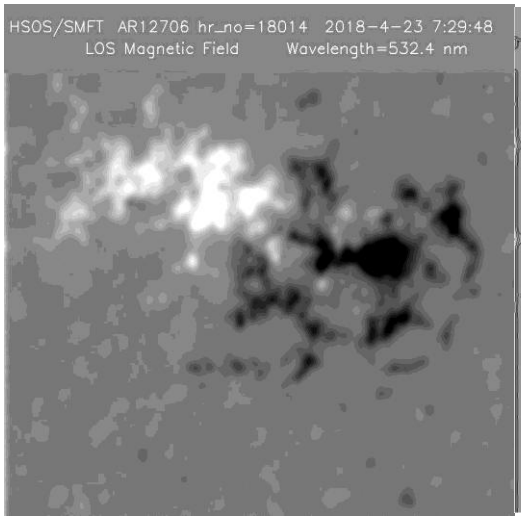

Stokes L5
2018-04-24
01:45:46

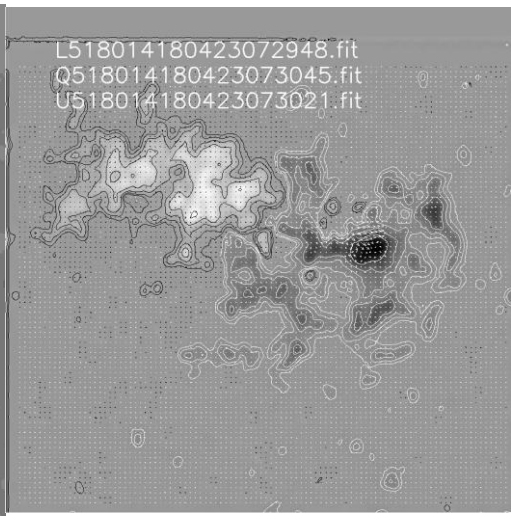

Stokes U5
2018-04-24
01:46:20

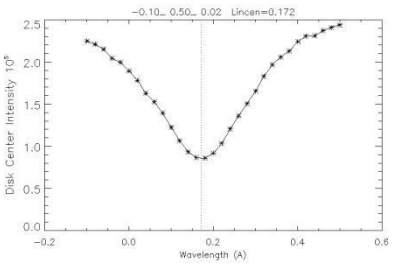

Huairou Solar Observing Station
2018-04-24 03:20:45
Limb darkening removed

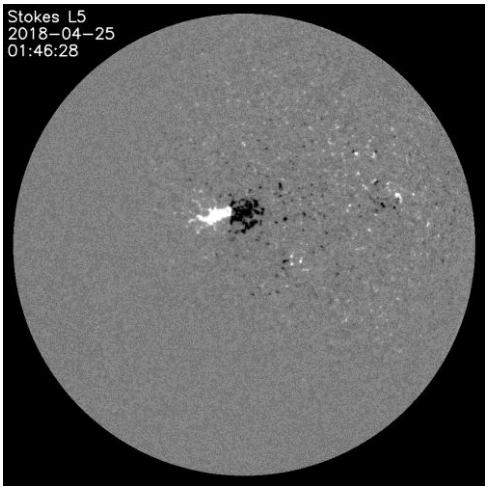

LOS Magnetic Field
Wavelength=6173.4 nm
H:\2018\04\24\SMART_ARTS\LOS\

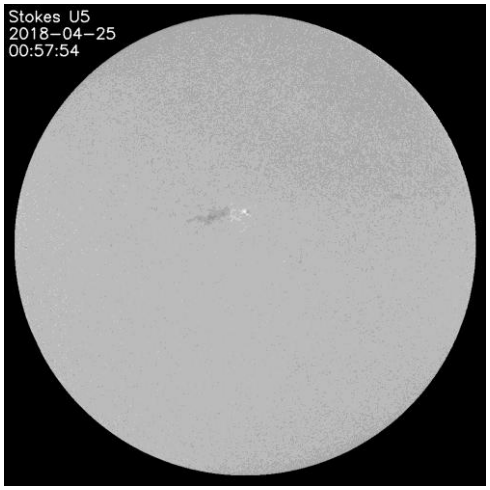

L5180141804240751 52.fit
Q5180141804240751 05.fit
U5180141804240751 27.fit

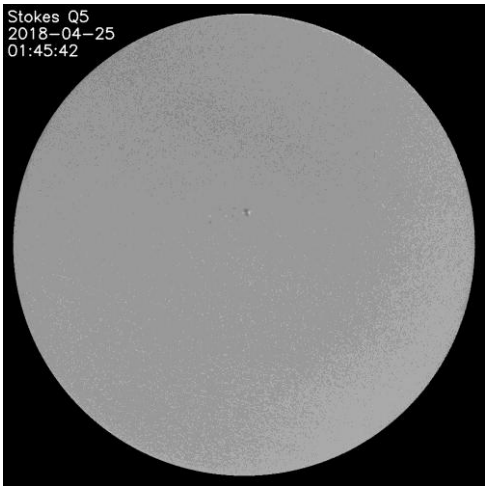

HSOS/SMFT AR12706 hr_no=18014 2018-4-23 7:29:48
LOS Magnetic Field Wavelength=532.4 nm

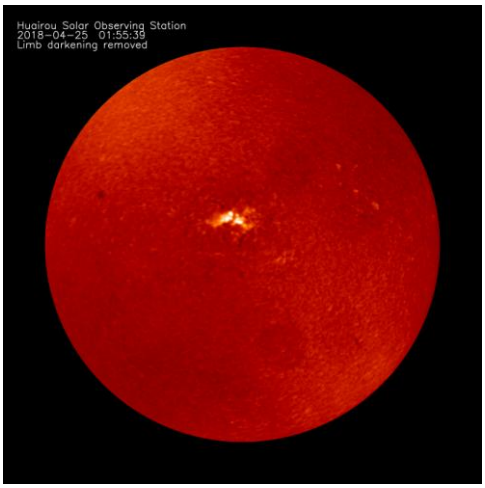

L5180141804230729 48.fit
Q5180141804230730 45.fit
U5180141804230730 21.fit

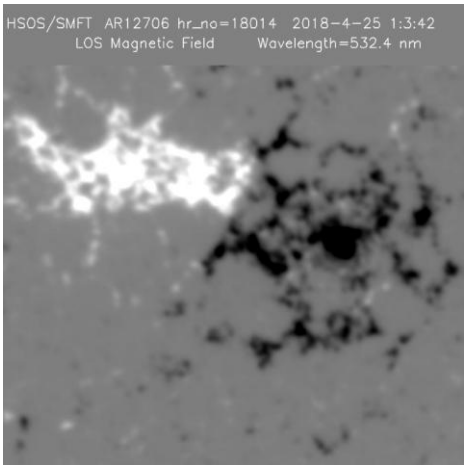

-0.10_ 0.50_ 0.02 Lincen=0.172
Disk Center Intensity 10^8
Wavelength (A)


Stokes L5
2018-04-25
01:46:28


Stokes U5
2018-04-25
00:57:54


Stokes Q5
2018-04-25
01:45:42


Huairou Solar Observing Station
2018-04-25 01:55:39
Limb darkening removed


HSOS/SMFT AR12706 hr_no=18014 2018-4-25 1:3:42
LOS Magnetic Field Wavelength=532.4 nm