# 怀柔基地观测周报

值班日期：2022-08-21至 2022-08-29

值班人：杨尚斌，汪国萍，荆帅

## 天气与观测情况：

| 日期 | 天气 | 观测（全日面） | 观测（局部区） |
|---|---|---|---|
| 2022-09-21 | 晴 | 完整观测 | 完整观测 |
| 2022-09-22 | 晴 | 完整观测 | 完整观测 |
| 2022-09-23 | 晴 | 完整观测 | 完整观测 |
| 2022-09-24 | 晴 | 完整观测 | 完整观测 |
| 2022-09-25 | 晴 | 完整观测 | 完整观测 |
| 2022-09-26 | 晴 | 完整观测 | 完整观测 |
| 2022-09-27 | 晴 | 完整观测 | 完整观测 |
| 2022-09-28 | 晴 | 完整观测 | 完整观测 |
| 2022-09-29 | 晴 | 完整观测 | 完整观测 |

## 太阳活动情况：

| 日期 | 活动区 （NOAA） | 耀斑发生区 | 耀斑时间 | 级别 |
|---|---|---|---|---|
| 2022-09-21 | NOAA 13100, 13102-13106 | | | |
| 2022-09-22 | NOAA13102-13103,13105-13108 | | | |
| 2022-09-23 | NOAA13102,13105-13109 | | | |
| 2022-09-24 | NOAA13102,13105-13110 | | | |
| 2022-09-25 | NOAA13102,13105-13110 | 13102<br>13105<br>13105 | 02:51<br>03:29<br>06:12 | C1.7<br>C2.1<br>C4.2 |
| 2022-09-26 | NOAA13105-13110 | | | |
| 2022-09-27 | NOAA13105-13110 | | | |
| 2022-09-28 | NOAA13105-13111 | | | |
| 2022-09-29 | NOAA13105-08,NOAA13110-11 | 13110 | 00:10 | C1.5 |

## 仪器运行情况：

小磁场望远镜运行正常

35cm磁场望远镜运行正常。

本周太阳活动较活跃，最多时日面有9个活动区。NOAA13078较活跃

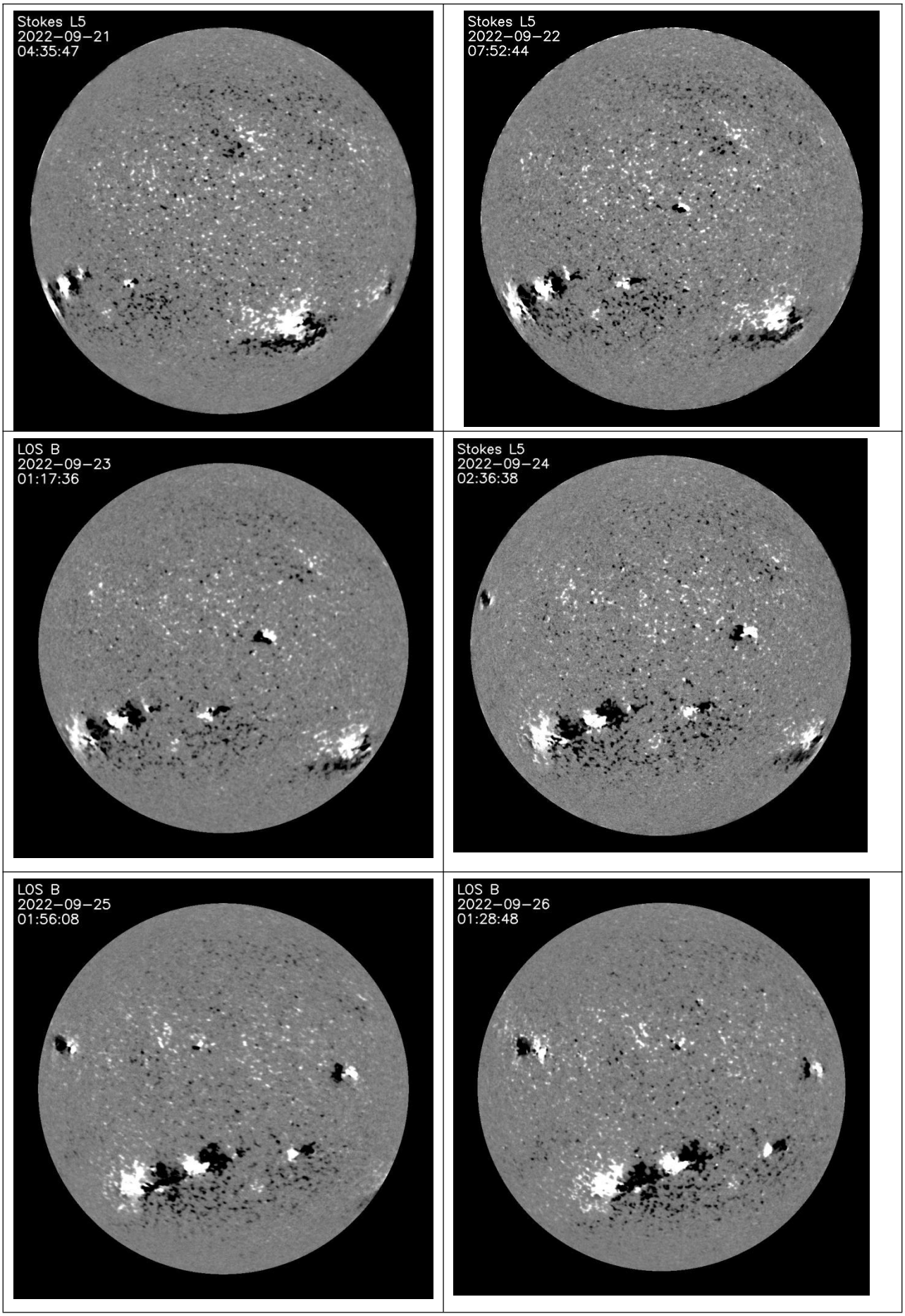
## 数据传输情况

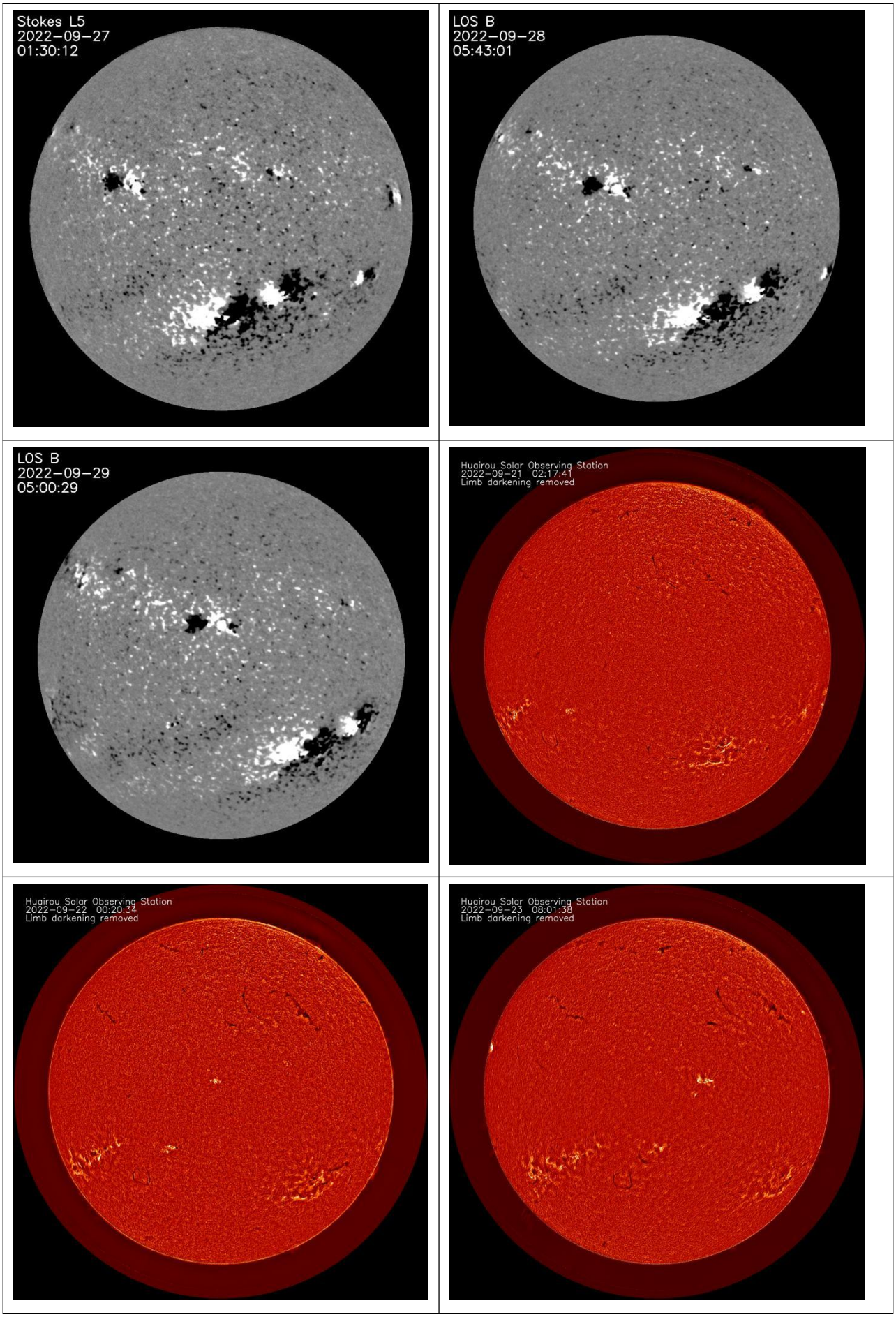
正常

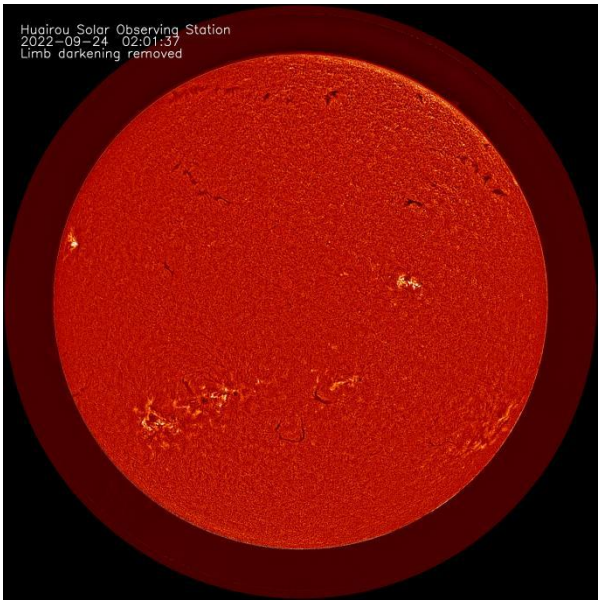
## 其它

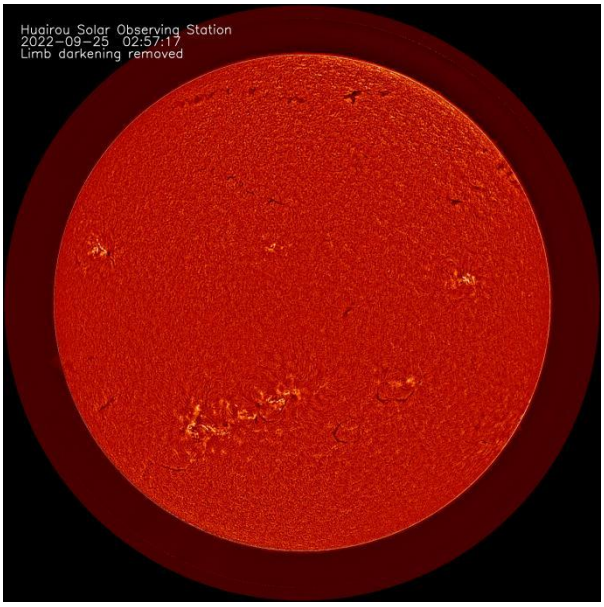
周六台组织40余人参观，并做参观讲解

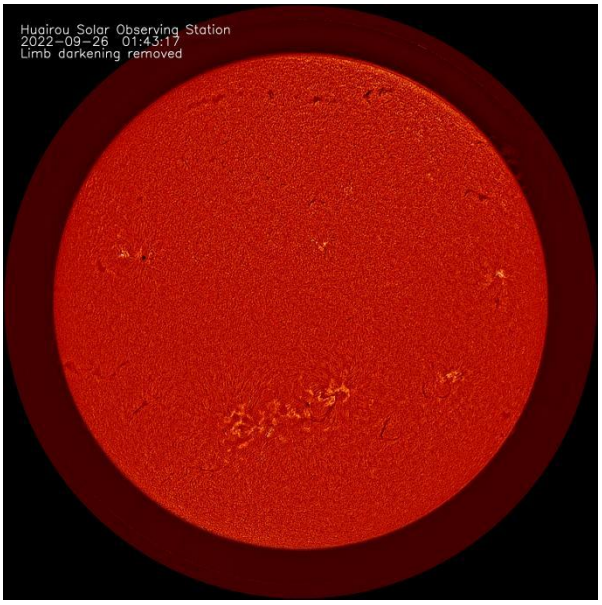
观测样本：

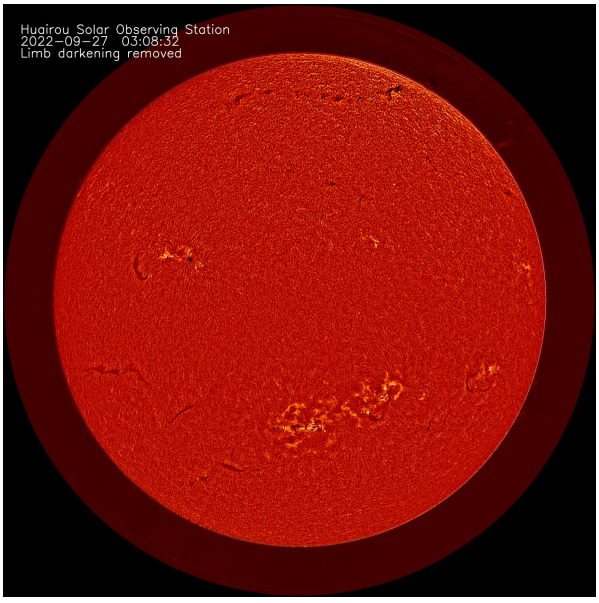

Stokes L5
2022-09-21
04:35:47
Stokes L5
2022-09-22
07:52:44
LOS B
2022-09-23
01:17:36
Stokes L5
2022-09-24
02:36:38
LOS B
2022-09-25
01:56:08
LOS B
2022-09-26
01:28:48

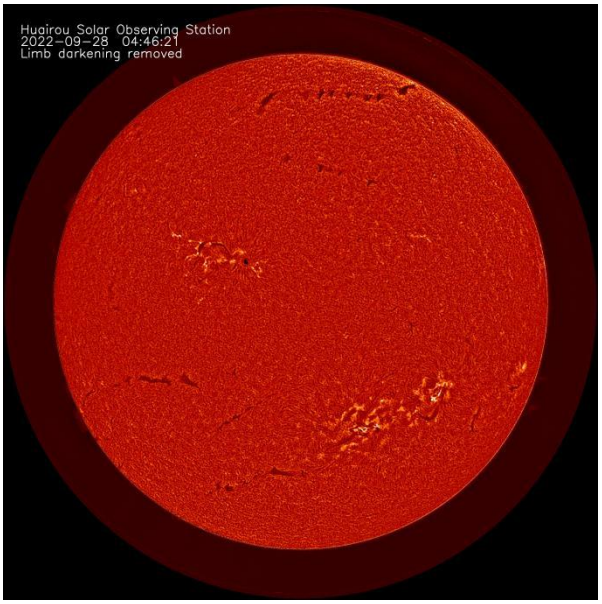

Stokes L5
2022-09-27
01:30:12
LOS B
2022-09-28
05:43:01
LOS B
2022-09-29
05:00:29
Huairou Solar Observing Station
2022-09-21 02:17:41
Limb darkening removed
Huairou Solar Observing Station
2022-09-22 00:20:34
Limb darkening removed
Huairou Solar Observing Station
2022-09-23 08:01:38
Limb darkening removed

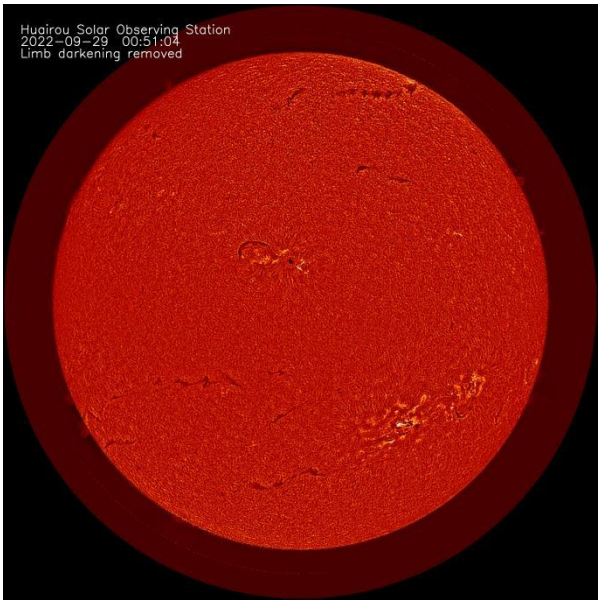

Huairou Solar Observing Station
2022-09-24 02:01:37
Limb darkening removed


Huairou Solar Observing Station
2022-09-25 02:57:17
Limb darkening removed

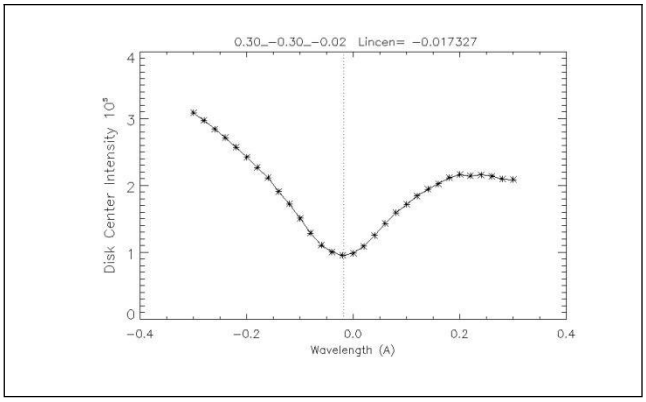

Huairou Solar Observing Station
2022-09-26 01:43:17
Limb darkening removed


Huairou Solar Observing Station
2022-09-27 03:08:32
Limb darkening removed

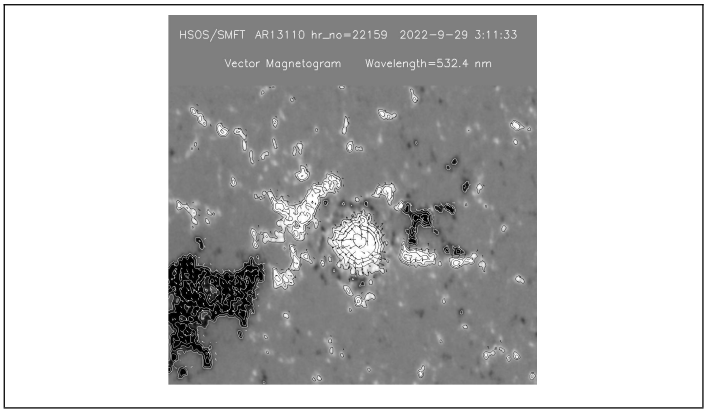

Huairou Solar Observing Station
2022-09-28 04:46:21
Limb darkening removed


Huairou Solar Observing Station
2022-09-29 00:51:04
Limb darkening removed

全日面磁场望远镜谱线扫描数据：




太阳磁场望远镜观测磁场示例数据：




三通道示例数据：

