怀柔基地观测周报

值班日期：2023-01-20至 2023-01-30

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）
2023-01-20	晴	完整观测	完整观测
2022-01-21	晴	完整观测	完整观测
2022-01-22	晴	完整观测	完整观测
2022-01-23	晴	完整观测	完整观测
2022-01-24	晴	完整观测	完整观测
2022-01-25	晴	完整观测	完整观测
2022-01-26	晴	完整观测	完整观测
2022-01-27	晴	完整观测	完整观测
2022-01-28	晴	完整观测	完整观测
2022-01-29	晴	完整观测	完整观测
2022-01-30	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	对应活动区
2023-01-20	NOAA 13184、86、88, 13190-13198	02:09	02:23	C7.0	13192
2022-01-21	NOAA 13184 、 86 、 88 ， 13190-92, 13194-99				
2022-01-22	NOAA 13184、86、88, 13190-92,13194-99				
2022-01-23	NOAA 13186、88,13190-92,13194,13196-200				
2022-01-24	NOAA 13188,13190-92,13194,13196-200				
2022-01-25	NOAA 13190-92,10194,13196-201	09:37	10:28	M4.7	13190
2022-01-26	NOAA 13190,92,13196-203	05:32 06:45	06:13 07:10	C2.4 C2.6	- -
2022-01-27	NOAA 13196-203				
2022-01-28	NOAA 13196-203	07:33	08:58	C3.0	13202
2022-01-29	NOAA 13196-201,13203-205	02:18	02:43	C1.2	13200
2022-01-30	NOAA 13197-201,13203-206				

仪器运行情况：

小磁场望远镜运行正常

35cm磁场、多通道望远镜运行正常。

太阳活动较活跃，日面平均有10个活动区左右，怀柔捕捉到的耀斑级别最大M4.7。

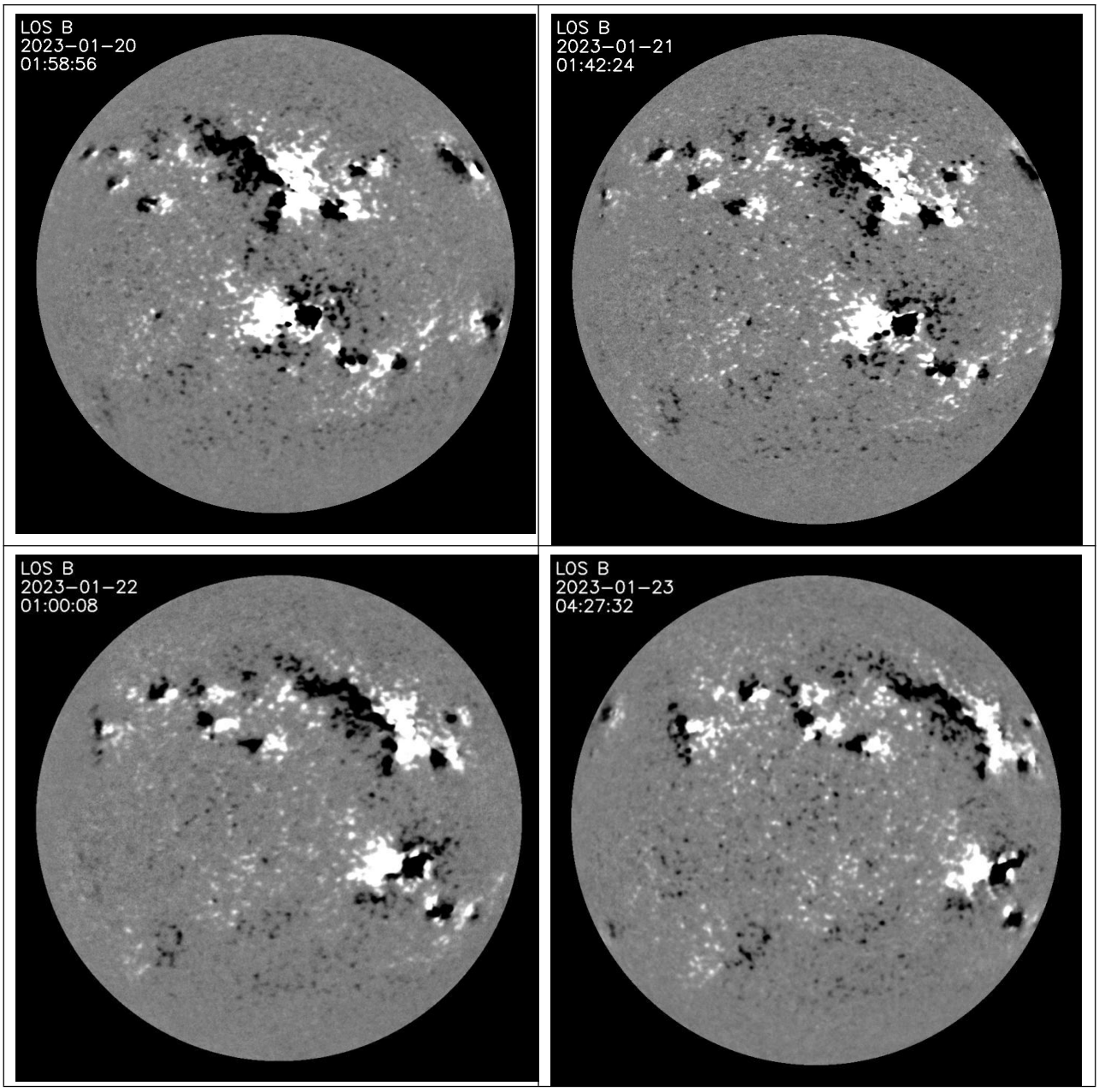
数据传输情况

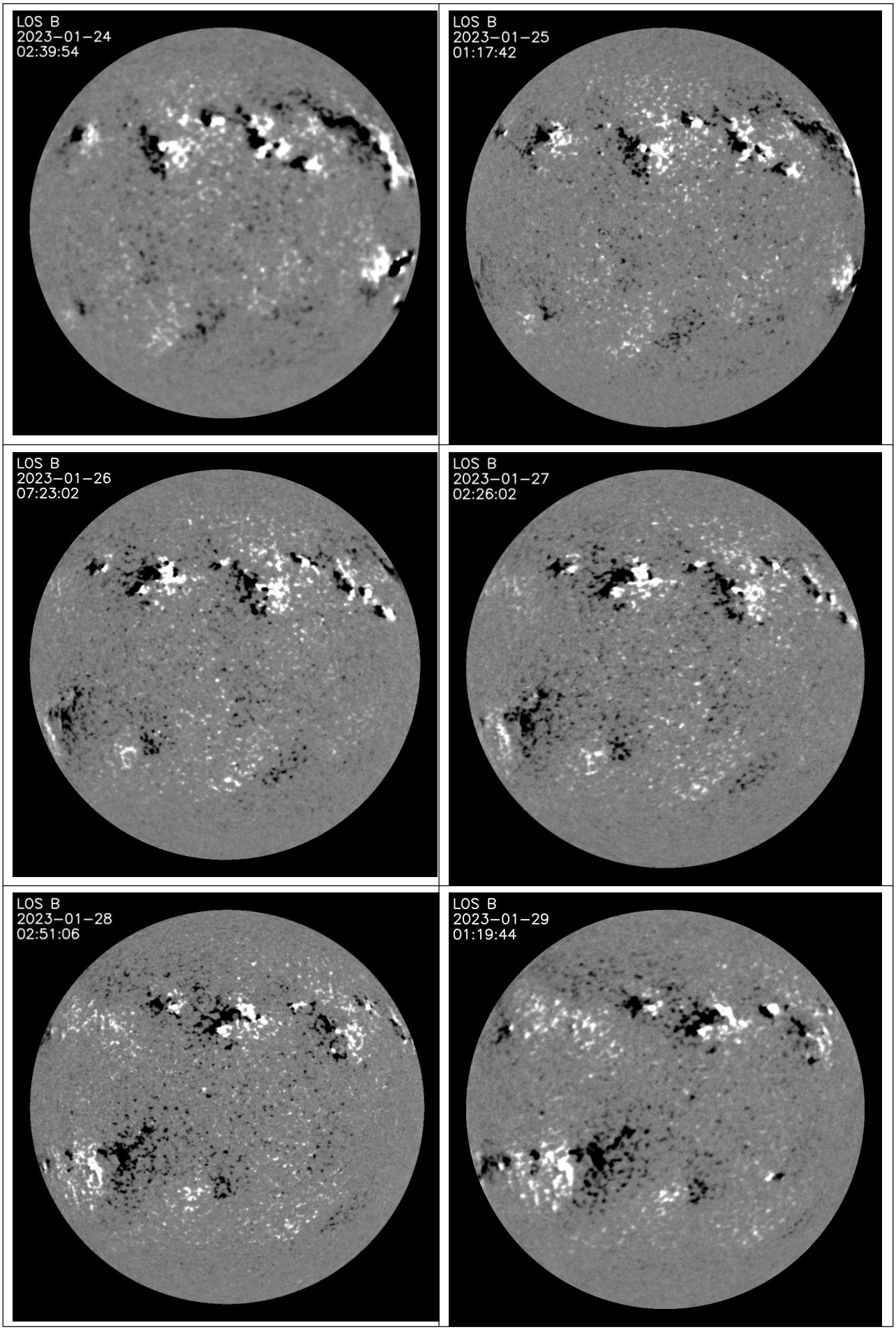
正常

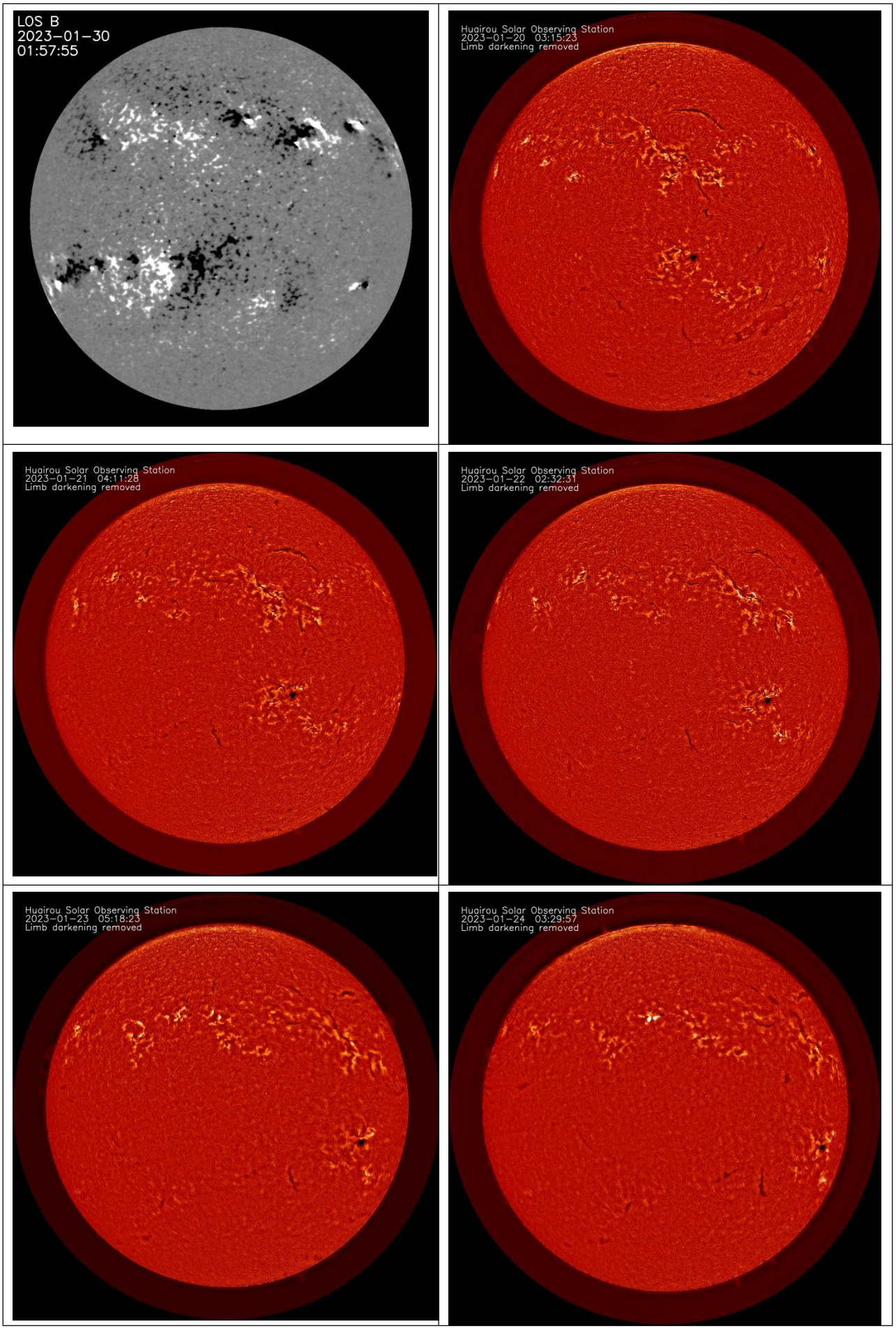
其它

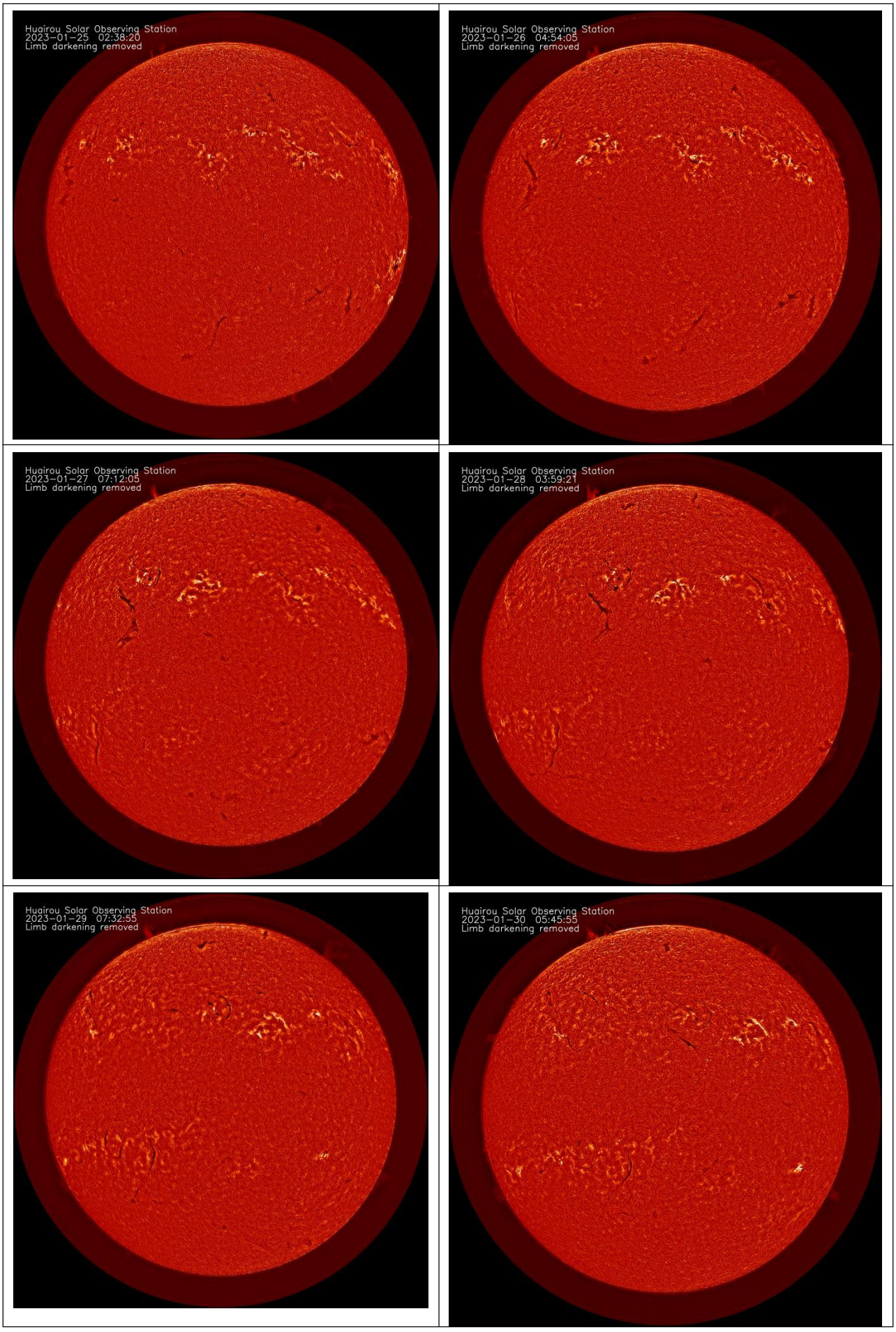
温泉望远镜出所现场测试和评审完成。

观测样本：

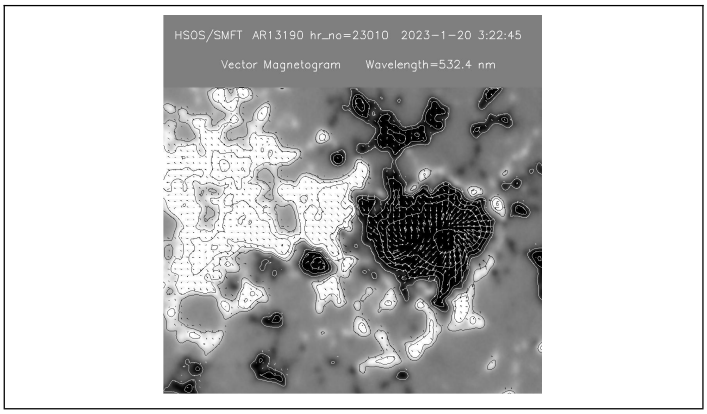



LOS B
2023-01-24
02:39:54
LOS B
2023-01-25
01:17:42
LOS B
2023-01-26
07:23:02
LOS B
2023-01-27
02:26:02
LOS B
2023-01-28
02:51:06
LOS B
2023-01-29
01:19:44


LOS B
2023-01-30
01:57:55
Huairou Solar Observing Station
2023-01-20 03:15:23
Limb darkening removed
Huairou Solar Observing Station
2023-01-21 04:11:28
Limb darkening removed
Huairou Solar Observing Station
2023-01-22 02:32:31
Limb darkening removed
Huairou Solar Observing Station
2023-01-23 05:18:23
Limb darkening removed
Huairou Solar Observing Station
2023-01-24 03:29:57
Limb darkening removed


Huairou Solar Observing Station
2023-01-25 02:38:20
Limb darkening removed
Huairou Solar Observing Station
2023-01-26 04:54:05
Limb darkening removed
Huairou Solar Observing Station
2023-01-27 07:12:05
Limb darkening removed
Huairou Solar Observing Station
2023-01-28 03:59:21
Limb darkening removed
Huairou Solar Observing Station
2023-01-29 07:32:55
Limb darkening removed
Huairou Solar Observing Station
2023-01-30 05:45:55
Limb darkening removed

太阳磁场望远镜观测磁场示例数据：



三通道示例数据：

