

Black letters are mainly descriptions of patterns.

Blue letters are descriptions of polar caps and clouds.

Brown letters are the description about dust.

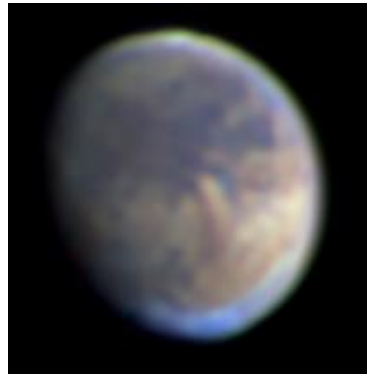
Red is a special note.

2022 年 10 月 4 日 (2022, Oct. 04)

この日は、日本の観測条件は良くなく、観測が集まらなかった。狭い範囲だけの観測になった。最近 Mare Sirenum (140W~170W,-30)付近の観測がない。東側のダストストームの範囲はつかめているが、西の方が分からない。

今回は、Solis Lacus (W90;-28)の西側に活動地域が見える。濃いダストの雲は見られないものの、Solis Lacus を取り囲む山と山の間に広がっている様子だ。これより西がつかめていない地域になる。

Raimond Sedrani の画像では、Solis Lacus (W90;-28)とその東の Nectar (70W,-23)の南北がかなり暗化している。今回のダストストームによってもたらされた模様の変化の可能性がある。矢印の先が暗くなって見える地域だ。9 月の画像と比べてみた。



Left image

2022, Oct. 04 01h31m UT Ls=315

Raimondo Sedrani

Right image

2022, Sep. 11 10h52m UT Ls=302

Gerald Stelmack

On this day, the observation conditions in Japan were not good, and no observations were collected. Observations were limited to a narrow range. There are no recent observations near Mare Sirenum (140W~170W,-30). I have grasped the range of the dust storm in the east, but I do not know the range in the west.

This time, the active area can be seen to the west of Solis Lacus (W90;-28). Although the dense dust cloud is not visible, it appears to extend between the mountains surrounding Solis Lacus. Beyond this point, the area to the west is untouched.

In the Raimond Sedrani image, Solis Lacus (W90;-28) and north and south of Nectar (70W,-23) to its east are considerably darkened. There is a possibility of pattern changes brought about by this dust storm. This is the area where the tip of the arrow looks darker. I compared it with the image from September.

(by 3 observations; reported by Makoto Adachi)