

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28日 (2022, Oct. 28)

今日は、日本の観測だけとなった。近年まれな現象で驚いている。

Only Japan was observed today. I am surprised by the rare phenomenon in recent years.



Image: 2022, Oct. 28 Ls=329 S.Ito

矢印の先端には明るいスポットが2つ並んでいる。ここ数日の間位置を大きく変えない。測定誤差もあるが、左は53W, +49で、右は79W, -53くらいである。地形図と照合したが、この位置には目立った地形がない。同じような位置に、同じようにできているとなると、地形的なものか暗色模様の存在かのどちらかになると思われるが、はっきりしない。今後の変化に注目していきたい。

左の画像を見ると、今回のリージョナルダストストームの結果、暗化した地域がはっきり見える。

- ・ Solis Lacus 東方の Thaumasia Foelix (70W~105W, -30~-43)の暗化。
- ・ Agathodaemon (85W, -10)と Nectar (70W, -23)の間。

今まで単独に見えることが多かった Solis Lacus (W90;-28)が、東側の大きな暗色模様と一体化して、見えにくくなってしまった。

Two bright spots line up at the tip of the arrow. I haven't changed my position much in the last few days. Although there are measurement errors, the left is 53W, +49, and the right is 79W, -53. A topographical map is checked, but there is no noticeable terrain at this location. If they are located in the

same place and are made in the same way, it seems to be either topographical or the existence of a dark pattern, but it is not clear. We will keep an eye on future changes.

In the image on the left, you can clearly see the areas that have darkened as a result of this regional dust storm.

- Darkening of Thaumasia Foelix (70W~105W, -30~-43) east of Solis Lacus.

- Between Agathodaemon (85W, -10) and Nectar (70W, -23).

Solis Lacus (W90;-28), which was often seen alone until now, merged with a large dark pattern in the east and became difficult to see.

(by 7 observations; reported by Makoto Adachi)