

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.

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井上は、永久南極冠を記録した。石橋も、かろうじて SPC だとわかる観測をした。条件が整わないと、記録はかなり難しそうだ。Solis Lacus (W90;-28)は、それを取り巻く Thaumasia Foelix (70W~105W,-30~-43)が暗いため、単独の暗斑として見えにくかった。しかし、最近になって Thaumasia Foelix が少し明るくなってきたらしく、単独の暗斑として見やすくなってきた。筆者も、肉眼で見やすくなってきたことを感じる。

筆者は、夕方の青空の中で観測を始めている。肉眼観測なら日没1時間半くらい前から可能である。それよりも前は、火星がまだそれほど明るくなく、コントラストが低く、淡い模様はよくわからない。日没後、観測時間がとりにくい人は、日中の観測もお勧めである。

Clyde Foster, Joaquin Camarena は Hellas (275~315W,-30~60)の白雲を記録した。Joaquin Camarena の画像は、白雲のコントラストが大きいが、どのような姿をしているかをよく示している。雲の下に模様があるため分りにくいのが、東西方向の通常の雲であることが分かった。この画像は細部がよく記録されているが、SPC は影の中にあることもよくわかる。Tiziano Olivetti の記録した、SPR 付近の白雲は、今日もよく目立っている。東西方向のベルト状ではなく、斜めになっている理由は、よくわからない。東西方向のベルトを作った大気の流れと違う方向の流れがあることだけは分かる。おそらく、発生高度が違うためだろう。

(by 8 observations; reported by Makoto Adachi)

Inoue recorded a permanent SPC. Ishibashi also made observations that could barely be identified as an SPC. If the conditions are not met, recording will be quite difficult. Solis Lacus (W90; -28) was difficult to see as a single dark spot because the surrounding Thaumasia Foelix (70W ~ 105W, -30 ~ -43) was dark. However, it seems that Thaumasia Foelix has become a little brighter recently, and it has become easier to see as a single dark spot. I also feel that it has become easier to see with the naked eye.

The author has begun observing in the blue sky in the evening. It is possible to observe with the naked eye from about one and a half hours before sunset. Prior to that, Mars wasn't very bright yet, the contrast was low, and the pale patterns weren't clear. For those who have difficulty in observing after sunset, daytime observation is also recommended.

Clyde Foster, Joaquin Camarena recorded a white cloud of Hellas (275 ~ 315W, -30 ~ 60). The image of Joaquin Camarena has a high contrast of white clouds, but it shows what it looks like. It is difficult to understand because there is a pattern under the cloud, but it turned out to be a normal cloud in the east-west direction. The details are well documented in this image, but you can also see that the SPC is in the shadows. The white clouds near the SPR, recorded by Tiziano Olivetti, are still prominent today. I'm not sure why it's slanted rather than belt-shaped in the east-west direction. It is only known that there is a flow in a direction different from the flow of the atmosphere that made the belt in the east-west direction. Probably because the altitude of occurrence is different.

(by 8 observations; reported by Makoto Adachi)