

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.

2025 年 6 月 30 日 (2025, Jun. 30)

Frank J Melillo は先日よりも良い条件で観測した。リムに Olympus Mons (135W,+25)を記録している。NPC も鮮明に記録していて、前日の様子とは異なって見える。伊藤の前日の画像と今日の画像とを並べてみた。

Frank J Melillo observed under better conditions than the previous day. He recorded Olympus Mons (135W, +25) on the limb. The NPC was also recorded clearly, and it looked different from the previous day. I have lined up Ito's images from the previous day and today.



Left 2025, Jun. 29 11 h 10mUT 104 Ls

Right 2025,, Jun. 30 10 h 41mUT 104 Ls

左右の画像を見比べると、矢印の部分が微妙に違っている。明瞭とは言いが、明らかにローカルダストストームが発生したようだ。6月30日のNPCは前日より若干黄色っぽくなっている。ただし、右の画像は左よりも全体が若干赤っぽいため。その影響かもしれない。伊藤の観測報告にはIR画像が添付されていて、矢印の先が暗く記録されている。これは薄いダ

ストを通して、地表の模様が見えているものだろう。また、今までと異なり、Meridiani (0W,-5)が黒く記録され、Edom (360W,2)が明るく記録されている。低緯度帯の白雲がこの付近では淡くなってきたようだ。

Comparing the left and right images, the part indicated by the arrow is slightly different. It is difficult to say for sure, but it seems that a local dust storm has clearly occurred. The NPC on June 30th is slightly yellower than the previous day. However, the image on the right is slightly redder overall than the left. This may be the influence. Ito's observation report is accompanied by an IR image, in which the tip of the arrow is recorded as dark. This is probably because the pattern on the surface is visible through the faint dust. Also, unlike before, Meridiani (0W,-5) is recorded as dark, and Edom (360W,2) is recorded as bright. It seems that the white clouds in the low latitude zone have become fainter in this area.

(by 2 observations; reported by Makoto Adachi)