

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9月5日 (2022, Sep. 05)

井上のBE画像を見ると、火星の午前半球の明るさが強い。すなわち、朝霧の広がりが強くなってきていることを示している。一方、夕方は低緯度地方が白っぽい。大気中の水蒸気量と関係があるだろう。Raimondo Sedraniの画像では、Mare Acidarium (20~45W,+40~55)の北西側の白雲が濃く記録されている。RとGの画像を比べると、Niliacus Lacus (20~40W,+30)の西側はまだダストに覆われている様子が分かる。Thomas E. Williamsonの画像は、青が分かりにくいですが、注意して見るとArsia Silva Mons (W120,-3)の頂に雲を見ることができる。

Looking at Inoue's BE image, the morning hemisphere of Mars is bright. In other words, this indicates that the spread of the morning mist is getting stronger. On the other hand, in the evening, low latitudes are whitish. It has to do with the amount of water vapor in the atmosphere. In Raimondo Sedrani's image, white clouds are recorded to the northwest of Mare Acidarium (20~45W, +40~55). Comparing the R and G images, we can see that the western side of Niliacus Lacus (20~40W,+30) is still covered with dust. The blue in Thomas E. Williamson's image is difficult to see, but if you look carefully you can see clouds on top of Arsia Silva Mons (W120,-3).

(by 5 observations; reported by Makoto Adachi)