

Black letters are mainly descriptions of patterns.

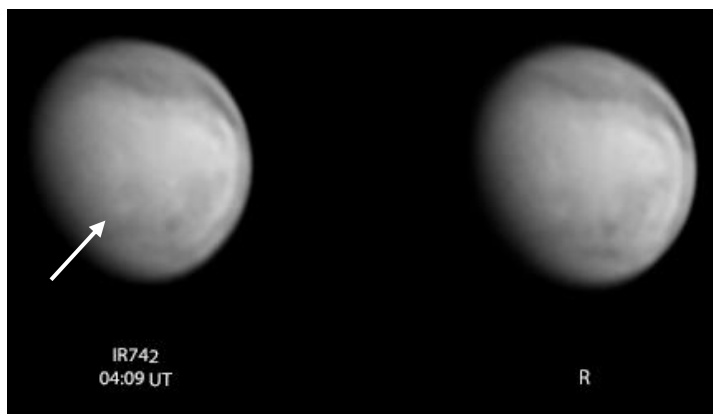
Blue letters are descriptions of polar caps and clouds.

Brown letters are the description about dust.

Red is a special note.

2024 年 10 月 14 日 (2024, Oct. 14)

Clyde Foster の画像は、Mare Sirenum (140W~170W,-30)付近が濃いダストに覆われている様子が記録された。IR では暗く写るが、カラーだと淡くなるため、存在が分かる。この写り方だと、肉眼で見ても Mare Sirenum の姿をとらえるのは、大変だと思われる。IR/R/G の画像を見ると、158W,+32 の位置に明部が見える。この明部は Raimondo Sedrani と Manos Kadasis も記録している。



2024, Oct. 14 04h33mUT

Image by Clyde Foster

Clyde Foster's images show that the area around Mare Sirenum (140W~170W,-30) is covered with dense dust. It appears dark in IR, but becomes faint in color, so its presence can be seen. With this appearance, it seems that it would be difficult to capture Mare Sirenum with the naked eye. Looking at the IR/R/G images, a bright area can be seen at 158W,+32. This bright area was also recorded by Raimondo Sedrani and Manos Kadasis.

この明部は、前日の 13 日には観測記録がないが、12 日には観測されている。明部は 10 月 12 日には見えなかった。翌日の 10 月 15 日の観測はあるが、痕跡程度の極めて淡い明部が見えるだけで、もう姿は見られず、1 日だけの現象だったようだ。

日本では、Mare Acidarium (20~45W,+40~55)付近が観測できた。荒川・井上・熊森は R や IR 画像で Mare Acidarium (20~45W,+40~55)の雲の隙間から NPC の縁を撮像した。

There were no observation records of this bright area on the previous day, the 13th, but it was observed on the 12th. The bright area was not visible on October 12th. There were observations the following day, October 15th, but only a very faint trace of the bright area was visible and it was no longer to be seen, so it appears to have been a one-day phenomenon.

In Japan, it was observable near Mare Acidarium (20~45W,+40~55). Arakawa, Inoue and Kumamori captured images of the edge of the NPC through a gap in the clouds at Mare Acidarium (20~45W,+40~55) using R and IR images.

(by 8 observations; reported by Makoto Adachi)