

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8月18日 (2024, Aug. 18)



Clyde Foster が、Chryse (35W,+10)に発生したダストストームを記録した。形状を見る限り、発生後2日目に見える。残念なことに8月17日の観測がなく、発生場所と日時を決定することはできなかった。ただ、明部を北にさかのぼると、発生地点はChryse北部の特異点だと思われる。この場所から南に進むと、進行方向にMarineris; (40W~75W, -12)があり、過去のRegional Dust Stormも今回と同じようにVの字形になる事が多く、今回もRegional Dust Stormに発展する気配を感じる。Eric Sussenbachの画像は、コントラストを上げており、淡いダストもかなり濃く見えている。

2024, Aug. 18 06h30.4m UT

Ls=314

Image by Clyde Foster



日本ではSyrtis Major (293W,+0~20)の東のNPR近くにダストストームを記録したが、今日は拡散している。広い範囲がダストで明るくなって記録された。井上・森田の画像では、ダストストームの明部がElysium (215W,+30)のすぐ西に迫っている様子が記録されている。

Left Image by Mitsuji Morita

Clyde Foster recorded a dust storm that occurred on Chryse (35W, +10). Judging from the shape, it appears to be on the second day after formation. Unfortunately, there were no observations on August 17, so the location and date of the occurrence could not be determined. However, tracing the bright part back north, the point of occurrence seems to be a singular point in the northern part of Chryse. If you go south from this place, you will find Marineris; (40W~75W, -12) in the direction of travel. Past regional dust storms have often been V-shaped like this one, and it seems that this one will also develop into a regional dust storm. Eric Sussenbach's image has increased contrast, and the faint dust looks quite dense.

In Japan, a dust storm was recorded near the NPR east of Syrtis Major (293W, +0~20), but today it has spread out. A wide area was recorded as bright with dust. Inoue and Morita's image shows the bright part of the dust storm approaching just west of Elysium (215W, +30).

(by 7 observations; reported by Makoto Adachi)