

NNNN1704
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KMSC
PP KGFF
DE BOU 241705Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 333A ISSUED 1700Z 24 JULY 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS

A. ONLY A FEW MINOR CLASS C FLARES HAVE BEEN OBSERVED DURING
THE PAST 18 HOURS WITH MOST OF THEM FROM THE REGION AT S13E72.

MT WILSON HAS CLASSIFIED THIS REGION MAGNETICALLY AS A DELTA
AS OF 24/1513Z. HOWEVER, BOULDER OBSERVATORY IN H-ALPHA DOES
NOT CONFIRM THIS. THE PLAGE AREA APPEARS SIMPLE AND QUITE
ELONGATED. IN WHITE LIGHT, IT IS CLASSIFIED AS A D-TYPE/200
WITH A FAIRLY COMPACT PENUMBRAL AREA. THE REGION AT S15E38
CONTAINS A WELL-DEFINED DARK EMBEDDED FILAMENT, BUT ITS WHITE
LIGHT STRUCTURE CONSISTS OF A SINGLE, SMALL SPOT. ALL OTHER
REGIONS ARE VERY SMALL AND WEAK. THE GEOMAGNETIC FIELD IS QUIET.

B. THE REGION AT S13E72 WILL REQUIRE FURTHER EVALUATION AS IT
ROTATES ONTO THE DISK. IT IS THE ONLY REGION ON THE DISK WHICH
IS CAPABLE OF CLASS M ACTIVITY IN THE NEXT 48 HOURS, HOWEVER,
PROBABILITIES STILL REMAIN LOW.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 24/1700Z ENDING 27/1700Z.

CLASS M OR GREATER /15/20/30

CLASS X 1/5/5

PROTON EVENTS 1/5/5

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 114. PREDICTED 118/122/126.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24
HOURS PER KP 15.3; 2/2/2/2/1/1/1.

SOLTERWARN

BT

KMSC
PP KGFF
DE BOU 242300Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 338B ISSUED 2300Z 24 JULY 1969
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.
A. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. THE REGION AT
S15E69 SHOWS ARCH-FILAMENT STRUCTURE AND SMALL FILAMENTS
EMBEDDED IN BRIGHT PLAGE. THE EMBEDDED FILAMENT AT S17E43
REMAINS FAIRLY ACTIVE, BUT ITS SPOT STRUCTURE IN WHITE LIGHT IS
VERY WEAK.
B. PARTS B AND C REMAIN UNCHANGED FROM SDF 331A.
D. OTTAWA 10.7 CM FLUX TODAY AT 1700Z WAS 112.
E. MAGNETIC A-FREDERICKSBURG FOR 23 JULY WAS 04. FOR 24 JULY
ABOUT 06. PREDICTED AP FOR 25-27 JULY, 10/10/10.
SOLTERWARN
BT

NNNN2300