

NNNN1703

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KMSC

PP KGFF

DE BOU 241700Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 363A ISSUED 1700Z 24 AUG 1969.

CLASS M FLARES ARE EXPECTED DURING THE NEXT SIX HOURS

A. FREQUENT ACTIVITY CONTINUES IN THE REGION NOW NEAR N13E45,
BUT DATA CURRENTLY AVAILABLE INDICATE THAT ALL ACTIVITY THE PAST
24 HOURS WAS CLASS C. IMP ONE FLARES WERE OBSERVED IN THIS REGION
AT 24/0629Z (NORMAL), 24/0822Z (FAINT), AND 24/1452Z (NORMAL).

THE REGION CONTINUES TO DEVELOP SLOWLY IN BOTH WHITE LIGHT AND
H-ALPHA AND NOW CONTAINS A MAGNETIC DELTA CONFIGURATION. PORE
DEVELOPMENT AND PLAGE ACTIVITY INDICATE THAT A NEW REGION MAY BE
DEVELOPING IN CLOSE PROXIMITY TO AND DIRECTLY EAST OF THIS REGION.
FREQUENT SMALL SURGES HAVE OCCURRED NEAR N10E1 AND S10E1 AND
A NEW H-TYPE SPOT IS LOCATED NEAR S07E76. THE GEOMAGNETIC FIELD
IS SLIGHTLY UNSETTLED.

B. CLASS M ACTIVITY IS EXPECTED FROM THE N13E45 REGION. CLASS X
EVENTS ARE POSSIBLE.

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

CLASS M OR GREATER 90/90/90

CLASS X 30/30/40

PROTON EVENTS 25/25/30

D. OTTAWA 10.7 CM FLUX AT 1400Z TODAY WAS 139. PREDICTED 145/150/152.

E. N/A

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

SOLTERWARN

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NNNN2301
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KMSC PP KGFF
DE BOU 242300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 363B ISSUED 2300Z 24 AUG 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. THE FREQUENCY OF MINOR ACTIVITY IN THE N13E45 REGION DECREASED
SHARPLY THE PAST SIX HOURS. THE ONLY FLARE OBSERVED, A SUBNORMAL AT
2044Z, WAS ACCOMPANIED BY A MINOR IONOSPHERIC DISTURBANCE. THE
REGION AS A WHOLE HAS DECREASED IN BRIGHTNESS. THE GEOMAGNETIC FIELD
IS QUIET.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 363A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 137. PREDICTED 145/150/152.

E. MAGNETIC A-FREDERICKSBURG FOR 23 AUG WAS 13. FOR 24 AUG ABOUT 07.
PREDICTED AP FOR 25-27 AUG 10/10/10.

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NNNN2301