

NNNN1659

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KMSC PP KGFF

DE BOU 251700Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 364A ISSUED 1700Z 25 AUG 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 6 HOURS.

A. NO CLASS M ACTIVITY OBSERVED SINCE THE 24/2044Z SUBFLARE, BUT THE N13E32 REGION HAS PRODUCED SEVERAL MINOR EVENTS. THIS REGION CONTINUES TO EVOLVE SLOWLY AND REMAINS MAGNETICALLY COMPLEX WITH MODERATE FIELD GRADIENTS IN THE REGION OF COMPLEXITY. THE ASSOCIATED SPOT GROUP IS NOW TYPE/AREA E/590. A D-TYPE SPOT GROUP AND WEAK PLAGE HAVE CROSSED THE LIMB AND ARE NOW LOCATED NEAR N05E86. LIMB ACTIVITY NEAR NE11 INDICATES THAT ANOTHER REGION IS APPROACHING LIMB TRANSIT. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE EXPECTED FROM THE N13E32 REGION. MAJOR ACTIVITY IS NOT LIKELY UNTIL THE REGION DEVELOPS FURTHER.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25/1700Z ENDING 28/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 30/30/30

PROTON EVENTS 20/20/20

D. OTTAWA 10.7 CM FLUX AT 1400Z TODAY WAS 147. PREDICTED 152/157/160.

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.

SOLTERWARN

BT

NNNN2256

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KMSC PP KGFF

DE BOU 252300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 364B ISSUED 2300Z 25 AUG 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. THE N13E32 REGION HAS SHOWN UMBRAL AND PENUMBRAL GROWTH AND REORIENTATION DURING THE PAST 6 HOURS. A PROBABLE CLASS M EVENT AT 25/1847Z OCCURRED DURING A SUB BRIGHT FLARE IN THIS REGION.

SEGMENTS OF THE TRAILING PLAGE HAVE BEEN AT FLARE BRIGHTNESS THROUGHOUT THE DAY. THE GEOMAGNETIC FIELD IS QUIET.

SECTION B REMAINS UNCHANGED FROM SDF 364A.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 AUG/2300Z ENDING 28/2300Z.

CLASS M OR GREATER 90/90/90

CLASS X 30/40/40

PROTON EVENTS 20/30/30

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 151. PREDICTED 158/162/165.

E. MAGNETIC A-FREDERICKSBURG FOR 24 AUG WAS 07. FOR 25 AUG ABOUT

08. PREDICTED AP FOR 26-28 AUG ALL UNDER 10.

BT

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