

NNNNUUUV

PP KGFF

DE BOU 131715Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 260A ISSUED 1700Z 13 MAY 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. ONLY SPORADIC CLASS C EVENTS HAVE OCCURRED DURING THE PAST 24 HOURS. THESE INCLUDED AN IMP ONE BRIGHT NEAR S18E08 AT 12/2245Z. THE GROUP OF REGIONS EXTENDING FROM N10 TO N20 IN LATITUDE AND E17 TO E40 IN LONGITUDE REMAINS POTENTIALLY THE MOST IMPORTANT DISK FEATURE. SPOT GROWTH IN THESE REGIONS HAS SLOWED BUT NUMEROUS ACTIVE FILAMENTS CONTINUE TO INTERCONNECT THE VARIOUS REGIONS. PLAGE AND SPOT REDEVELOPMENT HAVE OCCURRED IN THE REGION NEAR S13W40 AND THIS REGION IS REPORTED TO BE THE BRIGHTEST AND MOST ACTIVE DISK FEATURE. THE GEOMAGNETIC FIELD BECAME MODERATELY DISTURBED, LOW-LATITUDE K-INDICES UP TO 5, AT 12/1900Z.

B. CLASS M FLARES ARE EXPECTED DURING THE NEXT 72 HOURS. ALTHOUGH THE NE COMPLEX OF REGIONS HAS BEEN RELATIVELY INACTIVE FLAREWISE, IT REMAINS POTENT. CLASS X FLARES WILL BECOME LIKELY SHOULD THESE REGIONS CONTINUE TO DEVELOP. OR SHOULD INTERACTION OCCUR BETWEEN THE SEPARATE REGIONS. THE GEOMAGNETIC FIELD IS EXPECTED TO GRADUALLY RETURN TO QUIET CONDITIONS WITHIN 18 TO 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 MAY/1700Z ENDING 16/1700Z.

CLASS M OR GREATER 60/70/70

CLASS X 10/15/15

PROTON EVENTS 10/15/15

D. OTTAWA 10.7 CM FLUX TODAY IS 151. PREDICTED 152/152/152.

E. KP ESTIMATED FOR 1200-1500Z WAS 5. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3 4/4/4/4/4/3/3/3.

SOLTERWARN

BT

NNNNUUV  
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DE BOU 132300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 260B ISSUED 2300Z 13 MAY 1969  
CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.  
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 260A.  
E. MAGNETIC A-FREDERICKSBURG FOR 12 MAY WAS 07. FOR 13 MAY ABOUT 28.  
PREDICTED AP FOR 14-16 MAY 15/10/35.

BT