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PP KGFF

DE BOU 261725Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 273A ISSUED 1700Z 26 MAY 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. FREQUENT MINOR ACTIVITY CONTINUES, BUT NO SIGNIGICANT EVENTS HAVE BEEN OBSERVED DURING THE PAST 18 HOURS. IMP ONE NORMAL FLARES OCCURRED AT 26/0137Z AND 26/0508Z IN THE REGION NEAR S22W57 AND AT 26/0632Z IN THAT NEAR N11W15. THE REGION NEAR N09W28 AND THE S22W57/S14W52 COMBINATION REMAIN THE MOST THREATENING DISK FEATURES. THE S22W57 REGION HAS SHOWN EXTENSIVE PENUMBRAL DEVELOPMENT DURING THE PAST 24 HOURS. PROPER MOTIONS MAY HAVE MOVED THIS REGION INTO CLOSER PROXIMITY TO THAT NEAR S14W52, AND THERE ARE INDICATIONS OF INCREASING INTERACTION BETWEEN THESE REGIONS. A D-TYPE SPOT GROUP IS NOW VISIBLE NEAR N07E77. FREQUENT SMALL, BRIGHT SURGES ARE REPORTED NEAR NE20. THE GEOMAGNETIC FIELD IS QUIET. PROTON FLUXES ARE AT BACKGROUND.

B. UNLESS PRESENT TRENDS REVERSE, CLASS X FLARES ARE LIKELY FROM THE S22W57 REGION BEFORE IT COMPLETES LIMB PASSAGE ON 28-29 MAY. THE POTENTIAL OF THIS REGION IS INCREASED BY THE POSSIBILITY OF INTERACTION WITH THE S14W52 REGION. CLASS X EVENTS ARE ALSO POSSIBLE, BUT NOT AS LIKELY, FROM THE REGION NEAR N09W28.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 MAY/1700Z ENDING 29/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 35/40/40

PROTON EVENTS 25/30/30

D. OTTAWA 10.7 CM FLUX TODAY IS 159. PREDICTED 160/160/155.

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

BT

NNNNUV  
PP KGFF  
DE BOU 262300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 273B ISSUED 2300Z 26 MAY 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. EXCEPT FOR AN IMP ONE BRIGHT CLASS M FLARE AT 26/2016Z FROM THE  
REGION NEAR N07E77, ONLY MINOR ACTIVITY OBSERVED THE PAST 6 HOURS.  
ALTHOUGH IT HAS BEEN RELATIVELY INACTIVE, CHIEF ATTENTION REMAINS  
FOCUSED ON THE S22W57 REGION WHICH NOW CONTAINS A MAGNETIC DELTA  
CONFIGURATION.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 273A.

E. MAGNETIC A-FREDERICKSBURG FOR 25 MAY WAS 10. FOR 26 MAY ABOUT 07.  
PREDICTED AP FOR 27-29 MAY 10/10/10.

BT

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