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PP KGFF
DE BOU 251705Z
HERE IS THE MESSAGE FOR REFILE
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 272A ISSUED 1700Z 25 MAY 1969
CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
A. THE ONLY SIGNIFICANT ACTIVITY THE PAST 18 HOURS WAS A
LARGE IMP ONE NORMAL CLASS C FLARE AT 25/1152Z IN THE REGION
NEAR N08W13. DISK FEATURES HAVE SHOWN LITTLE CHANGE. MINOR
LIMB ACTIVITY HAS BEEN REPORTED NEAR NE10 WHERE A SMALL
PLAGE IS NOW VISIBLE. THE GEOMAGNETIC FIELD IS QUIET, AND
PROTON FLUXES REMAIN AT BACKGROUND LEVELS.
B. CLASS M FLARES ARE EXPECTED FROM THE REGIONS NEAR N08W13
AND S20-26 W32-43 REGIONS. CLASS X FLARES ARE POSSIBLE FROM
THESE REGIONS. MINOR GEOMAGNETIC DISTURBANCE IS EXPECTED TO
BEGIN APPROXIMATELY 26/0000Z.
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 TODAY IS 169. PREDICTED 170/170/170.
F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24 HOURS
PER KP 15.3 1/1/1/1/2/2/2/2.
SOLTERWARN
BT

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PP KGFF
DE BOU 252300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 272B ISSUED 2300Z 25 MAY 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. A CLASS M FLARE, IMP SUB NORMAL, OCCURRED AT 25/1656Z NEAR N07E90 WHERE A NEW REGION IS CROSSING THE LIMB. AN H-TYPE SPOT IS NOW VISIBLE NEAR N09E87, ADDITIONAL PLAGE IS CROSSING THE LIMB NEAR NE10, AND MINOR SURGES ARE OCCURRING NEAR NE05. THESE FACTORS INDICATE THAT THE REGION MAY BE OF MODERATE SIZE. AN ADDITIONAL SMALL CLASS M FLARE, IMP SUB BRIGHT, OCCURRED AT 25/2006Z IN THE REGION NEAR S21W46. STORED-DATA PLOTS RECEIVED FROM SOLRAD 9 INDICATE THAT THE FLARE AT 25/1152Z, CLASSIFIED AS C IN SDF 272A, WAS ACTUALLY SMALL CLASS M. THE GEOMAGNETIC FIELD IS QUIET AND PROTON FLUXES REMAIN AT BACKGROUND.

B. THE N08W13 AND S21W46 REGIONS ARE EXPECTED TO CONTINUE TO PRODUCE CLASS M FLARES. A SIGNIFICANT INCREASE IN THE 9.1 CM BRIGHTNESS OF THE S21W46 REGION INDICATES THAT THIS REGION MAY BE BUILDING UP FOR A MAJOR EVENT.

SECTIONS C AND D REMAIN UNCHANGED FROM SDF 272A.

E. MAGNETIC A-FREDERICKSBURG FOR 24 MAY WAS 10. FOR 25 MAY ABOUT 05. PREDICTED AP FOR 26-28 MAY ALL UNDER 10.

BT