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KMSC  
PP KGFF  
DE BOU 121730Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 351A ISSUED 1700Z 12 AUGUST 1969  
CLASS M FLARES ARE EXPECTED IN THE NEXT SIX HOURS  
A. A CURIOUS FLARE WAS REPORTED BEGINNING 11/2245Z AT  
S13E34. OPTICAL IMPORTANCE WAS SUBNORMAL, BUT PRELIMINARY X-RAY  
DATA INDICATE A POSSIBLE CLASS X EVENT. FLARES OF IMPORTANCE  
1B, BUT MINOR ENERGY, WERE OBSERVED FROM THE REGION AT S19W75  
BEGINNING 12/1432Z AND 12/1547Z. THE PLAGE IN THIS REGION IS  
THE ONLY BRIGHT FEATURE ON THE DISK, BUT LIMB PROXIMITY HAMPERS  
EVALUATION. NEW SPOTS WERE BORN AT N11E11 TODAY, AND A NEW  
GROUP AT S18E30 HAS ROTATED ONTO THE DISK. A MINOR MAGNETIC  
STORM BEGAN WITH A SUDDEN COMMENCEMENT AT 12/0045Z.  
B. CLASS M FLARES ARE EXPECTED FROM THE S19W75 REGION.  
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 12 AUG/1700Z ENDING 14 AUG/1700Z.  
CLASS M OR GREATER 60/60/40  
CLASS X 10/10/10  
PROTON EVENTS 10/10/10  
D. OTTAWA 10.7 CM FLUX AT 140Z WAS 126.  
E. N/A.  
F. KP ESTIMATED FOR 1200-1500Z WAS 3. KP FORECAST FOR NEXT 24  
HOURS PER KP 15.3; 3/3/3/3/3/2/2/3.  
SOLTERWARN  
BT

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THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 351B ISSUED 2300Z 12 AUG 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. FLARE INCIDENCE REMAINS RELATIVELY LOW DURING THE PAST 6 HOURS.

THE REGION AT S19W81 HAS REMAINED STABLE IN THE PLAGE AND SPOT AREA.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 351A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 125.

E. MAGNETIC A-FREDERICKSBURG FOR 11 AUG WAS 03. FOR 12 AUG ABOUT 17.

PREDICTED AP FOR 13-15 AUG 10/10/10.

BT