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KMSC PP KGFF  
DE BOU 021700Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 372A ISSUED 1700Z 02 SEPT 1969  
CLASS M FLARES ARE EXPECTED DURING THE NEXT 6 HOURS.  
A. ACTIVITY CONTINUES AS A LOW LEVEL. SUBFLARES, INCLUDING  
A LARGE SUB-BRIGHT OR POSSIBLE ONE BRIGHT AT 02/0433Z, HAVE  
ACCOMPANIED FILAMENT ACTIVITY IN THE N11W75 REGION. LIMB  
PROXIMITY NOW PREVENTS ACCURATE EVALUATION OF CHANGES  
WITHIN THIS REGION. THE REGION NEAR N07W23 IS THE MOST  
IMPRESSIVE DISK FEATURE IN H-ALPHA BUT THE ASSOCIATED SPOTS  
ARE SMALL AND SCATTERED. A NEW BIPOLAR REGION IS DEVELOPING  
IMMEDIATELY EAST OF THE D-TYPE SPOT GROUP NEAR S09W48. ALL  
REGION ON THE EASTERN HALF OF THE DISK ARE CURRENTLY SMALL AND  
INSIGNIFICANT. THE GEOMAGNETIC FIELD IS QUIET.  
B. INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 72  
HOURS. CLASS X FLARES ARE POSSIBLE BUT NOT LIKELY.  
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 02/1700Z ENDING 05/1700Z.  
CLASS M OR GREATER 50/50/40  
CLASS X 15/15/10  
PROTON EVENTS 10/10/10  
D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 155. PREDICTED 150/145/140.  
F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24  
HOURS PER KP 15.3 1/1/1/1/1/1/1.  
SOLTERWARN  
BT

*Sent to McMath  
AMMB*

NNNN2252

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KMSC PP KGFF

DE BOU 022300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 372B ISSUED 2300Z 02 SEPT 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.

A. AN IMP ONE NORMAL CLASS C FLARE OCCURRED AT 02/2145Z IN THE REGION NEAR N07W22. ONLY OTHER ACTIVITY PAST 6 HOURS CONSISTED OF TWO CLASS C SUBFLARES. THE NEW SMALL REGION NEAR S10W38 CONTINUES TO GROW. OTHERWISE DISK FEATURES ARE UNCHANGED. THE GEOMAGNETIC FIELD IS QUIET.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 372A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 153.

E. MAGNETIC A-FREDERICKSBURG FOR 01 SEPT WAS 02. FOR 02 SEPT ABOUT 04. PREDICTED AP FOR 03-05 SEPT ALL UNDER 10.

BT