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DE BOU 091710Z

HERE IS THE MESSAGE FOR REFILE PASS TO HENV HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 195A ISSUED 1700Z 09 MARCH 1969

SMALL CLASS M FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. SMALL CLASS M EVENTS OCCURRED 09/0829Z, IMPORTANCE SUB FAINT, AND 09/1617Z, IMPORTANCE SUB NORMAL, IN THE REGION NEAR N11W54.

THE FIRST FLARE WAS ACCOMPANIED BY AN X-RAY BURST WITH PEAK FLUX OF 0.027 ERG CM-2 SEC-1 IN THE 0.5 TO 5 A BAND. THE SECOND FLARE IS CLASSIFIED AS M BASED ON SID EFFECTS DETECTED AT BOULDER.

THE REGION WHICH PRODUCED THESE FLARES CONTAINS A TYPE B SPOT GROUP AND A BRIGHT PLAGE. THE MOST IMPRESSIVE REGION CURRENTLY ON THE DISK IS LOCATED NEAR N15W38 AND HAS SHOWN MARKED SPOT GROWTH IN THE PAST 24 HOURS. HOWEVER, THE REGION LACKS COMPLEXITY AND THE PLAGE IS SCATTERED AND HAS SHOWN A DECREASE IN BRIGHTNESS. A NEW C-TYPE SPOT GROUP IS PRESENT NEAR N32E50 IN A REGION OF BRIGHT AND COMPACT PLAGE.

B. SMALL CLASS M EVENTS ARE POSSIBLE DURING THE NEXT 3 DAYS. ALL REGIONS ON THE DISK ARE CURRENTLY GENERALLY UNIMPRESSIVE AND MAJOR EVENTS ARE NOT EXPECTED.

FORECASTS FOR 10-12 MARCH

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 34/34/40

CLASS X 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 144. PREDICTED 146/148/148.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 2. KP FORECAST FOR NEXT 24 HOURS, PER KP 15.3; 2-2-2-2-2-1-1-1.

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DE BOU 092300Z
THIS IS THE MESSAGE FOR REFILE
PLS PASS TO H E N V HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 195B ISSUED 2300Z 9 MARCH 1969
SMALL CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.
A. AN IMPORTANCE ONE BRIGHT FLARE AT 09/1917Z FROM THE REGION NEAR
N13W40 IS TENTATIVELY CLASSIFIED AS A SMALL M EVENT BASED ON IONO-
SPHERIC DISTURBANCES DETECTED AT BOULDER. EXCEPT FOR THIS FLARE ONLY
SPORADIC CLASS C EVENTS HAVE BEEN REPORTED AND NO SIGNIFICANT CHANGES
HAVE BEEN NOTED IN DISK FEATURES. CLOUDS HAVE HAMPERED OBSERVATIONS
AT MOST OBSERVATORIES.
SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 195A.
E. MAGNETIC A-FREDERICKSBURG FOR 08 MAR WAS 07. FOR 09 MAR ABOUT 08.
PREDICTED AP FOR 10-12 MAR 5-10/5-10/5-10.
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