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PP KGFF
DE BOU 201700Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 237A ISSUED 1700Z 20 APRIL 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. CLASS M FLARES WERE OBSERVED 19/2243Z IMP SUB BRIGHT NEAR S06W64,
20/0947Z IMP ONE BRIGHT NEAR N23W00, AND 20/1153Z IMP SUB NORMAL NEAR
N07W47. THE PLAGE ASSOCIATED WITH THE REGION NEAR N23W20 HAS BEEN AT
FLARE BRIGHTNESS FOR THE PAST 5 HOURS AND FREQUENT CLASS C FLARES
HAVE BEEN REPORTED HERE. A FILAMENT IN THIS REGION REMAINS ACTIVE.
ADDITIONAL IMP 1 NORMAL FLARES OCCURRED IN THIS REGION AT 20/0203Z
AND 20/0650Z. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. CLASS M FLARE ACTIVITY IS EXPECTED TO CONTINUE IN THE REGIONS NEAR
N23W20 AND N24 W00. GEOMAGNETIC DISTURBANCE STILL CONSIDERED POSSIBLE
WITHIN NEXT 24 HOURS.

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 30/30/80

CLASS X 15/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX TODAY IS 148. PREDICTED 150/148/145.

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.

BT

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PP KGFF
DE BOU 202300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 237R ISSUED 2300Z 20 APRIL 1969
CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.
A. NO SIGNIFICANT CHANGES NOTED IN PAST 6 HOURS. A POSSIBLE CLASS
M FLARE OCCURRED 20/1907Z IMP SUB NORMAL NEAR N03W52.
SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 237A.
E. MAGNETIC A-FREDERICKSBURG FOR 19 APR WAS 05. FOR 20 APR ABOUT 05.
PREDICTED AP FOR 21-23 APR 08/10/12.
BT