

OP KCFF
DE BOU 121800Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER FSSA BOULDER COLO
SDF NUMBER 229A ISSUED 1700Z 12 APRIL 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 6 HOURS.

A. ONLY CLASS C FLARES HAVE BEEN REPORTED IN THE LAST 18 HOURS.
A PROTON EVENT, POSSIBLY RESULTING FROM A FLARE BEHIND EAST LIMB
AT 10/1056Z, BEGAN GRADUALLY. IT IS LISTED AS IN PROGRESS AT
11/2100Z, BUT MAY HAVE BEGUN AS EARLY AS 14Z. RIOMETER ABSORPTION
IS CURRENTLY 7DB AT THULE ON 30MHZ. BOTH HIGH AND LOW ENERGY
PROTONS ARE ENHANCED AT SATELLITE HEIGHTS. THE GEOMAGNETIC FIELD
IS QUIET.

B. CLASS M FLARES ARE EXPECTED FROM THE DELTA CONFIGURATION AT
S06E33. CLASS X FLARES ARE EXPECTED FROM N20E90 AS RETURNING
REGIONS TRANSIT EAST LIMB. GEOMAGNETIC DISTURBANCE IS EXPECTED.

FORECASTS FOR 13-15 APRIL

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 60/80/80

CLASS X 30/40/40

PROTON EVENTS 30/40/40

D. OTTAWA 10.7 CM FLUX TODAY IS 155. PREDICTED 165/175/185.

E. N/A.

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

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PP KOFF
DE BOU 122310Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 229B ISSUED 2300Z 12 APRIL 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. FLARE ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 6 HOURS. THE PROTON EVENT IN PROGRESS IS CURRENTLY SHOWING 3.6 DB ABSORPTION AT THULE ON 30 MHZ RIOMETERS. MAGNETOMETERS SHOW A SUDDEN COMMENCEMENT 12/2053Z. THE MAGNETIC FIELD IS EXPECTED TO BECOME DISTURBED DURING THE FORECAST PERIOD.

B. THE REGION WHICH PRODUCED ACTIVITY BEYOND THE EAST LIMB 10/1052Z HAS NOT RETURNED TO VISIBLE DISK. THE REGION WHICH PRODUCED PCA ON 28 FEBRUARY 1969 SHOULD NOW BE VISIBLE BUT NO SPOTS HAVE BEEN RECORDED. THE ACTIVITY MAY HAVE BEEN PRODUCED BY A NEW REGION. SECTIONS C AND D REMAIN UNCHANGED FROM SDF 229A.

F. MAGNETIC A-FREDERICKSBURG FOR 11 APRIL WAS 27. FOR 12 APRIL ABOUT 15. PREDICTED AP FOR 13-15 APRIL 20/20/10.

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