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PP KGFF
DE BOU 301725Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 247A ISSUED 1700Z 30 APRIL 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 6 HOURS

A. A CLASS M FLARE, OPTICALLY 2N, WAS OBSERVED AT N12W26.
CENTIMETRIC RADIO EMISSION WAS MINIMAL, BUT DEKAMETRIC CONTINUUM
FOLLOWED THE FLARE. TYPE III EMISSION HAS PROCEEDED AT A RAPID
RATE SINCE THE FLARE. DEVELOPMENT OF THE REGION AT N09W08 HAS
BEEN INTERESTING. A HIGH MAGNETIC GRADIENT IS INFERRED TO THE
SSE OF THE CENTER OF MASS OF THE GROUP, AND NEW SPOTS ARE OB-
SERVED ON BOTH SIDES OF THE INFERRED NEUTRAL LINE. FILAMENTS
WITH THE NEUTRAL LINE HAVE BEEN UNSTABLE. THE GEOMAGNETIC FIELD
IS DISTURBED.

B. CLASS M FLARES ARE EXPECTED FROM THE N12W31 AND N09W08 REGIONS.
GEOMAGNETIC DISTURBANCE IS EXPECTED TO DECREASE.

FORECASTS FOR 01-03 MAY 1969

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 80/80/80

CLASS X 10/15/20

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY IS 127. PREDICTED 130/130/135.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 4. KP FORECAST FOR NEXT
24 HOURS PER KP 15.3; 4/4/4/3/3/3/3.

SOLTERWARN

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NNNNUUU
PP KGFF
DE BOU 30/2300Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 247B ISSUED 2300Z 30 APRIL 1969
CLASS M FLARES ARE ANTICIPATED IN THE NEXT 18 HOURS.
A. ONLY MINOR ACTIVITY HAS BEEN REPORTED IN THE LAST SIX HOURS.
MINOR ABSORPTION HAS BEEN REPORTED BY HIGH LATITUDE RIOMETERS,
BUT SEEMS RELATED TO MAGNETIC DISTURBANCE RATHER THAN SOLAR-
INDUCED PROTON PRECIPITATION. GEOMAGNETIC FIELD IS RELATIVELY
QUIET.
PARTS B,C, AND D ARE UNCHANGED FROM SDF 247A.
E. MAGNETIC A-FREDERICKSBURG FOR 29 APRIL WAS 13. FOR 30 APRIL
ABOUT 18. PREDICTED AP FOR 01-03 MAY, 10/10/05.
SOLTERWARN
BT