

NNNNUUUV

PP KGFF

DE BOU 011705Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 218A ISSUED 1700Z 01 APRIL 1969

CLASS X FLARES ARE PROBABLE IN THE NEXT 6 HOURS

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. A CLASS M FLARE, BASED ON X-RAY PRODUCTION, WAS OBSERVED AT N25W13 AT 01/0925Z. THE COMPLEX REGION AT N10E15 CONTINUES TO BREAK UP INTO SMALLER SPOTS. HOWEVER, THE SPOTS CONTINUE TO BE VERY DARK IN H-ALPHA. ONLY A VERY SMALL PORTION OF THE TOTAL PLAGE IS ENHANCED. A NEW B-TYPE SPOT GROUP WITH A BRIGHT PLAGE IS NOW LOCATED AT N23E44. PROTON COUNTS CONTINUE TO DECLINE AT SATELLITE ALTITUDES. THE GEOMAGNETIC FIELD IS BECOMING MORE DISTURBED. OPTICAL IMPORTANCE ONE FLARES WERE OBSERVED AT N20E25 AT 01/0122Z AND N07E15 AT 01/1334Z.

B. CLASS X FLARES ARE PROBABLE FROM THE N10E15 REGION. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME MORE DISTURBED THE NEXT 12-24 HOURS.

FORECASTS FOR 02-04 APRIL

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
CLASS M OR GREATER 80/80/80

CLASS X 50/50/50

PROTON EVENTS 50/50/50

D. OTTAWA 10.7 CM FLUX TODAY IS 185. PREDICTED 185/180/180.

E. N/A.

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

SOLTERWARN

BT

NNNNUUU
PP K6FF
DE FOU #12300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 218R ISSUED 2300Z 1 APRIL 1969

CLASS M FLARES ARE EXPECTED WITH CLASS X PROBABLE.

A. IT NOW APPEARS THAT THE PENUMBRA IS BREAKING UP AROUND THE DELTA CONFIGURATION IN THE REGION CURRENTLY AT N09E12. HOWEVER, PROPER MOTION IS PLACING THE TRAILER POLARITY UMBRA INTO THE LEADING MAGNETIC FIELD. THIS REGION ALSO SHOWS SOME FINE LINE FILAMENTS. ALL OTHER REGIONS ARE STABLE. THE MAGNETIC FIELD IS DISTURBED AND EXPECTED TO CONTINUE FOR 24 HOURS.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 218A.

D. OTTAWA 10.7 CM FLUX TODAY IS 189. PREDICTED 185/185/180.

E. MAGNETIC A-FREDERICKSBURG FOR 31 MARCH WAS 10. FOR 1 APRIL ABOUT 18. PREDICTED AP FOR 2-4 APRIL 35/15/10.

BT