

NNNNUUUV
PP KGFF
DE BOU 181730Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 084A ISSUED 1700Z NOVEMBER 18 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. A LARGE, IMPORTANCE 1B FLARE WAS OBSERVED IN PROGRESS AT N18 W89 AT 18/1030Z. THIS FLARE PRODUCED STRONG, COMPLEX RADIO BURSTS INCREASING FROM 176 FLUX UNITS, AT 18/1027Z, TO 1814 FLUX UNITS AT 18/1031Z, AT 10 CM WAVELENGTH. A PCA COMMENCED AT 18/1055Z AND HAS BEEN CONFIRMED BY SATELLITE PROTON DATA, WHICH WAS NINETY TIMES THE NORMAL BACKGROUND COUNT, BY STRONG X-RAY COUNTS, AND A 7 DB ABSORPTION AT FORT CHURCHILL AT 18/1617Z. IMPORTANCE THREE LOOPS WERE ALSO OBSERVED IN THIS WEST LIMB REGION. THE GROWING REGION AT N15E15 /D-TYPE/ HAS INCREASED IN PENUMBRAL AREA IN THE FOLLOWER WITH AN ENHANCED PLAGE IN THIS REGION. THE VERY LARGE, ACTIVE REGION OF THE LAST ROTATION IS NOW BEGINNING TO APPEAR ON THE SE LIMB. ALL OTHER REGIONS ARE MINOR IN IMPORTANCE AND ACTIVITY.
B. THE NW LIMB REGION IS NOT EXPECTED TO PRODUCE ANY MORE MAJOR FLARES. THE N15E15 REGION HAS A REMOTE CHANCE OF A MAJOR FLARE. A GEOMAGNETIC STORM IS ANTICIPATED WITHIN THE NEXT 24-36 HOURS. THE PCA SHOULD CONTINUE AT LEAST 48 HOURS.

FORECASTS FOR NOVEMBER 19-21

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 10/15/15

IMPORTANCE THREE OR GREATER 2/2/3

PROTON EVENTS 90/70/60

D. OTTAWA 10.7 CM FLUX TODAY IS 152. PREDICTED 158/160/164.

BT

NNNNUUUV
PP KGFF
DE BOU 182300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 084B ISSUED 2300Z 18 NOV 68
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 084A.
E. MAGNETIC A-FREDERICKSBURG FOR 17 NOV WAS 12. FOR 18 NOV ABOUT 20.
PREDICTED AP FOR 19-21 NOV 25-30/15/10.
BT