

NNNUUV
PP KGFF
DE BOU 221735Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 083A ISSUED 1700Z NOVEMBER 22 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE PERIOD 14-22 NOVEMBER 1968 CLN ONLY ONE MAJOR FLARE OCCURRED DURING THE PAST NINE DAYS, A LARGE IMPORTANCE ONE OR POSSIBLE TWO EVENT ON THE WEST LIMB 18 NOVEMBER. THIS FLARE BEGAN ABOUT 1827Z NEAR N18W89, AND WAS ACCCOMPANIED BY A STRONG COMPLEX RADIO BURST AT CM WAVELENGTHS. PCA FOLLOWED THE OPTICAL EVENT 20 MINUTES LATER, BEING DETECTED BY THE VELA SATELLITES, PIONEER 8 AND 9 SPACECRAFTS, AND GROUND-BASED INSTRUMENTS IN ALASKA, CANADA, AND GREENLAND. ITS DURATION WAS APPROXIMATELY 2 DAYS. LATE ON THE 18TH THE REGION RESPONSIBLE FOR THE OCTOBER PARTICLE EVENTS RETURNED TO THE SE LIMB. NOW NEAR S12E34 IT HAS PRODUCED NO FLARE ACTIVITY ABOVE IMPORTANCE ONE. A REGION CURRENTLY CENTERED NEAR N12W39, BORN ON THE DISK ABOUT 5 NOVEMBER, IS NOW DECLINING AND HAS PRODUCED ONLY MINOR FLARES. THE EARTHS MAGNETIC FIELD WAS SLIGHTLY DISTURBED 16-20 NOVEMBER.

B. FORECAST FOR THE WEEK 23-29 NOVEMBER 1968 CLN NO MAJOR FLARES ARE EXPECTED DURING THE WEEK. ALL VISIBLE REGIONS NOW APPEAR TO BE DECLINING. NO LARGE CENTERS OF ACTIVITY ARE DUE TO RETURN DURING THE WEEK.

C. 28-DAY FORECAST FOR 23 NOVEMBER-20 DECEMBER 1968 CLN SOLAR ACTIVITY IS EXPECTED TO BE ENHANCED 2-16 DECEMBER.

D. DAILY FORECAST FOR 23-25 NOVEMBER AND EXPECTED MEAN FORECAST FOR 26-29 NOVEMBER 1968 CLN

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 10-5-5 /5/

IMPORTANCE THREE OR GREATER 2-2-2 /2/

PROTON EVENTS 2-2-2 /2/

OTTAWA 10.7 CM FLUX TODAY IS 134. PREDICTED 132-130-130 /128/.

BT

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THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 088B ISSUED 2300Z NOV 22 1968

ONLY MINOR FLARES ARE EXPECTED IN THE NEXT 12 HOURS.

SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 088A.

E. MAGNETIC A-FREDERICKSBURG FOR 21 NOV WAS 03. FOR 22 NOV IT WILL
BE ABOUT 04. PREDICTED AP FOR NOV 23-25 5/10/10.

BT