

UVV
PP KGFF

DE BOU 151730Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 081A ISSUED 1700Z NOVEMBER 15 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE PERIOD 08-15 NOVEMBER 1968 CLN SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL THROUGHOUT THE WEEK. A SUNSPOT CURRENTLY CENTERED NEAR N19W51 GREW RAPIDLY TO CLASS/AREA C/900 BY 11 NOVEMBER AND CONTAINED A WEAK DELTA CONFIGURATION WITH A VERY BRIGHT PLAGE. TO DATE IT HAS BEEN THE SOURCE OF ONLY IMPORTANCE ONE FLARES. THE BASICALLY UNIPOLAR REGION NEAR N09 DECLINED THROUGHOUT THE WEEK, PRODUCING A FEW CLASS 1 FLARES UNTIL WEST LIMB PASSAGE ON 13-14 NOVEMBER. A REGION, WHICH WAS PREVIOUSLY MODERATELY ACTIVE, RETURNED TO EAST LIMB NEAR N17 LATE 12 NOVEMBER. THIS SPOT GROUPS LIMB PASSAGE WAS ACCOMPANIED BY MINOR SURGE ACTIVITY AND AN IMPORTANCE 1B FLARE AT 13/1409Z. THE MAGNETIC FIELD HAS BEEN QUIET DURING THE WEEK.

B. FORECAST FOR THE WEEK 16-22 NOVEMBER 1968 CLN THE N17E52 REGION IS AN OLD DECLINING ONE AND IS NOT EXPECTED TO PRODUCE MAJOR ACTIVITY. NO MAJOR ACTIVITY IS EXPECTED FROM THE REGION NEAR N19W51 UNTIL FURTHER DEVELOPMENT IS NOTED. THE SOUTHERN COMPLEX WHICH WAS THE SOURCE OF LAST MONTHS PCA IS DUE TO RETURN TO THE EAST LIMB 18 NOVEMBER. LOW-ENERGY SOLAR COSMIC RAY DATA FROM THE PIONEER 7 SPACECRAFT INDICATE A STILL DISTURBED CENTER AT THESE CARRINGTON LONGITUDES, BUT THE DECLINE THIS REGION EVIDENCED AT WEST LIMB PASSAGE IS EXPECTED TO HAVE CONTINUED AND ONLY MODERATE ACTIVITY IS ANTICIPATED. NO OTHER MAJOR CENTERS OF ACTIVITY ARE DUE TO RETURN DURING THE WEEK. A MINOR MAGNETIC DISTURBANCE IS EXPECTED ABOUT 18 NOVEMBER.

C. 28 DAY FORECAST FOR 16 NOVEMBER-13 DECEMBER 1968 CLN MODERATE ACTIVITY IS EXPECTED 24-30 NOVEMBER. MAJOR ACTIVITY IS EXPECTED TO BEGIN 13 DEC.

D. DAILY FORECAST FOR NOVEMBER 16-18 AND EXPECTED MEAN FORECAST FOR NOVEMBER 19-22, 1968 CLN

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 10-10-12 /15/

IMPORTANCE THREE OR GREATER 2-2-3 /3/

PROTON EVENTS 2-2-5 /5/

OTTAWA 10.7 CM FLUX TODAY IS 137. PREDICTED 140-142-145 /155/.

BT

NNNNUUUV

PP KGFF

DE BOU 152325Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 081B ISSUED 2300Z NOV 15 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 081A.
E. MAGNETIC A-FREDERICKSBURG FOR NOV 14 WAS 03. FOR NOV 15 ABOUT 04.
PREDICTED AP FOR 16-18 NOV 4-6/4-6/6-8.
BT