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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 ACCOM-  
PANIED 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

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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-FREDERICKSBUG FOR NOV 14 WAS 03. FOR NOV 15 ABOUT 04.

PREDICTED AP FOR 16-18 NOV 4-6/4-6/6-8.

BT