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PP KGFF  
DE BOU 231715Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 997A ISSUED 1700Z AUGUST 23 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE WEEK AUGUST 15-23, 1968 CLN ALTHOUGH NO MAJOR FLARES WERE CONFIRMED DURING THE ABOVE PERIOD, THE NUMBER OF IMPORTANCE ONE EVENTS INCREASED SIGNIFICANTLY. THE MAJORITY OF THESE FLARES OCCURRED WITHIN THE DECAYING SPOT GROUP NOW CENTERED NEAR S16W66 AND WERE CHARACTERIZED BY RELATIVELY WEAK X-RAY EFFECTS AND RADIO NOISE BURSTS. THE S16W66 CENTER REACHED ITS MAXIMUM AREA /D/710/ AND BRIGHTNESS ON 19 AUGUST, DECLINING VERY RAPIDLY IN WHITE LIGHT DURING THE FOLLOWING 3 DAYS. THIS EVOLUTION WAS VERY NEARLY PARALLELED BY THE SMALLER BUT SOMEWHAT MORE EXTENDED REGION NOW NEAR S10W40. A MODERATELY INTENSE DECA-METRIC CONTINUUM ACCOMPANIED THE CENTRAL MERIDIAN PASSAGE OF BOTH OF THESE SOUTHERN HEMISPHERE GROUPS. THE EARTH'S MAGNETIC FIELD WAS SLIGHTLY DISTURBED AUGUST 16 AND 17 APPARENTLY AS A RESULT OF PROBABLE FLARE ASSOCIATED PROMINENCE ACTIVITY THE DAY BEFORE ON THE WEST LIMB.

B. FORECAST FOR THE WEEK AUGUST 24-30, 1968 CLN A PREVIOUSLY ACTIVE REGION NEAR N12 IS DUE TO RETURN AUGUST 29, HOWEVER, IT IS NOT EXPECTED TO DEVELOP INTO A LARGE CENTER DURING THIS DISC PASSAGE. THE LEVEL OF ACTIVITY IS EXPECTED TO REMAIN LOW THROUGHOUT THE WEEK.

C. 28 DAY FORECAST FOR AUGUST 24-SEPTEMBER 21, 1968 CLN SEPTEMBER 7-12 IS EXPECTED TO BE A PERIOD OF ABOVE AVERAGE ACTIVITY.

D. THE DAILY FORECAST FOR AUGUST 24-26 AND EXPECTED MEAN FORECAST FOR AUGUST 27-30, 1968

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 12-10-5 /5/

IMPORTANCE THREE OR GREATER 1-1-1 /1/

PROTON EVENTS 1-1-1 /1/

OTTAWA 10.7 CM FLUX TODAY IS 135. PREDICTED 130-125-122 /122/

BT

NNNNVV  
PP KGFF  
DE BOU 232300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 997B ISSUED 2300Z AUG 23 1968  
ONLY MINOR ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.  
A. THERE HAS BEEN ONLY MINOR CHANGE ON THE DISK DURING THE PAST 12  
HOURS. THE REGION NEAR S24W63 HAS GROWN IN SIZE BUT IT IS NOT  
EXPECTED TO PRODUCE SIGNIFICANT ACTIVITY BEFORE LIMB PASSAGE.  
B. UNTIL NEW REGIONS APPEAR ON THE EAST LIMB LITTLE ACTIVITY IS  
EXPECTED.

FORECASTS FOR AUG 24-26

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 5-5-5

IMPORTANCE THREE OR GREATER 1-1-1

PROTON EVENTS 1-1-1

SECTION D UNCHANGED FROM SDF 998A.

E. MAGNETIC A-FREDERICKSBURG FOR AUG 22 WAS 03. FOR AUG 23 ABOUT 11.  
PREDICTED AP 12-10-10.

BT