

NNNNUUUV

PP KGFF

DE BOU 211740Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 904A ISSUED 1700Z MAY 21 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. GRADUAL GROWTH AND DEVELOPMENT CONTINUES IN THE ACTIVE CENTER
LOCATED NEAR N22E16. THIS REGION HAS BECOME MAGNETICALLY COMPLEX.

ONLY MINOR CHANGES HAVE BEEN NOTED IN THE OTHER VISIBLE REGIONS.

B. THE N22E16 CENTER SHOULD CONTINUE GROWING AND IS EXPECTED TO
INCREASE IN FLARE ACTIVITY. FLARE ACTIVITY FROM THE REMAINING
REGIONS SHOULD NOT EXCEED IMP. ONE.

FORECASTS FOR MAY 22-24

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 15-20-20

IMPORTANCE THREE OR GREATER 1-1-1

PROTON EVENTS 1-1-1

D. MONTREAL 10.7 CM FLUX TODAY 190. PREDICTED 194/196/198.

BT

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PP KGFF

DE BOU 212300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 904B ISSUED 2300Z MAY 21 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. LOOP PROMINENCES AT N15 EASTLIMB OBSERVED IN PROGRESS AT 2030Z INDICATE AN ACTIVE REGION WILL ROTATE ONTO THE DISK TOMORROW. IT APPEARS TO BE THE RETURN OF A REGION WHICH WAS MODERATELY ACTIVE ON ITS LAST DISK PASSAGE. THE LARGE CENTER AT N21E22 CONTINUES TO GROW IN SPOT AREA AND COMPLEXITY BUT ONLY SUBFLARES HAVE BEEN OBSERVED THERE TODAY. A MODERATELY STRONG RADIO BURST OCCURRED AT 1956Z AND INCREASED EMISSION AT DEKAMETER WAVELENGTHS HAS BEEN REPORTED SINCE 1700Z TODAY. THE SOURCE OF THIS ACTIVITY HAS NOT BEEN DETERMINED. A DISTURBED MAGNETIC FIELD IS EXPECTED DURING THE NEXT 24 HOURS DUE TO THE CENTRAL MERIDIAN PASSAGE OF A LARGE SPOT GROUP NOW AT S28W06.

B. MAJOR FLARES ARE POSSIBLE FROM THE N21E22 REGION DURING THE NEXT THREE DAYS.

FORECASTS FOR MAY 22-24

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 20/25/25
IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 5/5/5

D. OTTAWA 10.7HCM FLUX TODAY 190. PREDICTED 195/198/200.

E. MAGNETIC A-FREDERICKSBURG FOR MAY 20 WAS 18. FOR MAY 21 ABOUT 20.
PREDICTED AP 15-20/10-15/10-15.

BT