

UUV

PP KGFF

DE BOU 060500Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 551C ISSUED AT 0500Z

JUNE 06 1967

DURING THE NEXT 12 HOURS MAJOR FLARES ARE POSSIBLE BUT UNLIKELY.

MAGNETIC STORM BEGAN 05/1915Z.

BT

NNNNUV

PP KGFF

DE BOU 061100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 551D ISSUED AT 1100Z

JUNE 06 1967

MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY DURING THE NEXT
12 HOURS.

THE MAGNETIC DISTURBANCE WHICH BEGAN 051915Z REACHED MAJOR
PROPORTIONS ABOUT 060100Z AND ENDED ABOUT 060700Z.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 552A ISSUED AT 1700Z
JUNE 6 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. AN IMPORTANCE TWO NORMAL FLARE OCCURRED TODAY AT 1215Z AT N26 W41. BOTH SPOT GROUPS IN THIS REGION HAVE BOTH DECREASED IN SIZE. THE REGION AT S17 W70 WHICH PRODUCED THE IMPORTANCE TWO FLARE YESTERDAY AT 1907Z HAS BEEN INACTIVE SINCE THAT TIME. THIS REGION WILL PASS OFF WEST LIMB TOMORROW. A POSSIBLE SMALL PROTON EVENT BEGAN BEFORE 0700Z TODAY AND IS STILL IN PROGRESS AT 1700Z. MODERATELY STRONG CONTINUUM EMISSION ON METRIC AND DECAMETRIC WAVELENGTHS BEGAN ABOUT 1609Z. THERE HAS NOT BEEN AN ASSOCIATED FLARE REPORT BUT OBSERVATIONS ARE HAMPERED BY POOR WEATHER CONDITIONS. A MODERATE MAGNETIC STORM BEGAN 05/1925Z AND ENDED BY 06/0700Z.

B. MAJOR FLARES CAN STILL BE EXPECTED DURING THE NEXT THREE DAYS FROM THE NORTHWEST REGION.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 7-9 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 30/30/30
IMPORTANCE THREE OR GREATER 5/5/5
PROTON EVENTS 5/5/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 125. THE PREDICTED VALUES FOR JUNE 7-9 ARE 120/117/115

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 552B ISSUED AT 2300Z

JUNE 6 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. NO SIGNIFICANT SOLAR ACTIVITY HAS BEEN REPORTED SINCE THE IMPORTANCE TWO FLARE AT 1215Z. THE REGION NEAR N26 W40 CONTINUES TO DECLINE IN SPOT AREA AND COMPLEXITY HOWEVER THE PLAGE IS STILL LARGE AND MODERATELY BRIGHT. ALL OTHER VISIBLE REGIONS ARE RELATIVELY SMALL AND STABLE OR DECLINING. OPTICAL SOLAR INFORMATION IS INCOMPLETE TODAY DUE TO WEATHER CONDITIONS. NO FURTHER INFORMATION HAS BEEN RECEIVED TO VERIFY THE POSSIBLE PROTON EVENT DISCUSSED IN SDF 552A. THE ALASKAN RIOMETER CHAIN AND VLF CIRCUITS INDICATE THAT THE EVENT MAY STILL BE IN PROGRESS BUT NO INFORMATION HAS BEEN RECEIVED FROM SPACECRAFT.

B. MAJOR FLARES WILL CONTINUE TO BE POSSIBLE FROM THE NORTH-WEST REGION UNTIL IT PASSES WEST LIMB. NONE OF THE OTHER VISIBLE REGIONS APPEAR LIKELY TO PRODUCE FLARES AS LARGE AS IMPORTANCE TWO.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 7-9 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 30/30/30

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 5/5/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS 127. THE PREDICTED VALUES FOR JUNE 7-9 ARE 120/117/115

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 27. TODAY IT WILL BE ABOUT 42. THE PREDICTED AP RANGES FOR JUNE 7-9 ARE 15-25/12-15/7-12

BT