

PP KGFF

DE BOU 220500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 567C ISSUED AT 0500Z  
JUNE 22, 1967.

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

NNNNUUV

PP KGFF

DE BOU 221100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 567D ISSUED AT 1100Z

JUNE 22 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 568A ISSUED AT 1700Z  
JUNE 22 1967

MINOR FLARES ARE EXPECTED WITH AN INCREASING PROBABILITY OF  
MAJOR FLARES

A. THE SPOT GROUP AND PLAGE AT N18 E44 ARE CONTINUING TO GROW AND DEVELOP STRUCTURALLY. THE SPOT GROUP IS NOW REPORTED AS OF MAGNETIC CLASS BETA-GAMMA. MINOR FLARE ACTIVITY FROM THIS REGION HAS INCREASED SIGNIFICANTLY SINCE YESTERDAY. A NEW REGION HAS APPEARED AT S22 E58 WITH A BRIGHT PLAGE AND A SMALL SPOT GROUP. THIS REGION HAS BEEN MODERATELY ACTIVE FOR ITS SIZE CMMA AND IT IS EXPECTED TO GROW AND INCREASE IN FLARE PRODUCTION.

B. MAJOR FLARE PROBABILITY IS INCREASING AS THE REGION AT N18 E44 CONTINUES TO INCREASE IN MINOR FLARE PRODUCTION AND STRUCTURAL DEVELOPMENT.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 23-25 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 30/35/35  
IMPORTANCE THREE OR GREATER 5/5/5  
PROTON EVENTS 3/3/3

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 125.  
THE PREDICTED VALUES FOR JUNE 23-25 ARE 128/131/135

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 568B ISSUED AT 2300Z  
JUNE 22 1967.

MINOR FLARES ARE EXPECTED WITH AN INCREASING PROBABILITY  
OF MAJOR FLARES.

A. MINOR FLARE ACTIVITY HAS CONTINUED FROM REGIONS AT N19E41 AND S25E55. MANY OF THESE FLARES HAVE BEEN ACCOMPANIED BY MINOR RADIO BURSTS AT DECAMETRIC WAVELENGTHS BUT NO X-RAY ACTIVITY HAS BEEN REPORTED. NO OTHER SIGNIFICANT CHANGES HAVE BEEN REPORTED IN THESE REGIONS.

B. MAJOR FLARES WILL BECOME POSSIBLE IF FURTHER DEVELOPMENTS TAKE PLACE IN THE REGIONS MENTIONED ABOVE OR IF A REGION DUE TO APPEAR ON JUNE 23 SHOWS MAJOR FLARE POTENTIAL.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 23-25 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 30/35/35  
IMPORTANCE THREE OR GREATER 5/5/5  
PROTON EVENTS 3/3/3

D. THE OTTAWA 10.7 CM FLUX TODAY IS 126. THE PREDICTED VALUES FOR JUNE 23-25 ARE 128/131/135.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4. TODAY IT WILL BE ABOUT 6. THE PREDICTED AP RANGES FOR JUNE 23-25 ARE UNDER 10/UNDER 10/10-15.

BT