

NNNNUUV

PP KGFF

DE BOU 250500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 570C ISSUED AT 0500Z
JUNE 25 1967

MAJOR FLARES POSSIBLE DURING THE NEXT 12 HOURS.

BT

NNNN MBUUQMUUV

RR KGFF

DE BOU 251100Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLORADO

SPACE DISTURBANCE FORECAST NUMBER 570D ISSUED AT 1100Z

JUNE 25 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 571A ISSUED 1700Z

JUNE 25 1967.

MAJOR FLARES POSSIBLE BUT NOT EXPECTED DURING NEXT 12 HOURS

A. A FLARE AT 0110Z TODAY WAS REPORTED AS IMPORTANCE ONE OR POSSIBLY IMPORTANCE TWO AND OCCURRED IN THE LARGE REGION NOW AT N16 E06. THE X-RAY EMISSION WAS WEAK FOR THIS EVENT. THE AREA OF THE TYPE E SPOT GROUP THERE HAS DECREASED TO ABOUT 300 MILLIONTHS AND THE STRUCTURE IS SIMPLIFYING. THE RADIO FLUX IN THE CORONA ABOVE THE REGION HAS ALSO DECREASED. THE TYPE D SPOT GROUP AT S25 E22 REMAINS AT ABOUT 200 MILLIONTHS AREA BUT HAS MANY SMALL SPOTS. THEIR DISTRIBUTION SUGGESTS A SIMPLE MAGNETIC STRUCTURE FOR THE REGION. THE LARGE H-TYPE SPOT AT N23 E67 IS ASSOCIATED WITH A DECAYING PLAGE.

B. MAJOR FLARE ACTIVITY REMAINS POSSIBLE FROM THE NORTH-CENTRAL REGION BUT THE PROBABILITIES ARE DECREASING DUE TO THE DECAY OF MOST OF THE REGION PARAMETERS. SOME POSSIBILITY FOR MAJOR FLARES ALSO EXISTS IN THE SE REGION AND IN THE REGION FOLLOWING THE H-TYPE SPOT.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 26-28 ARE AS FOLLOWS /FIGURES ARE

PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 20/15/15

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 128.

THE PREDICTED VALUES FOR JUNE 26-28 ARE 130/130/130.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 571B ISSUED AT 2300Z

JUNE 25 1967

MAJOR FLARES POSSIBLE BUT NOT EXPECTED DURING NEXT 12 HOURS

- A. NO SOLAR EVENTS HAVE BEEN REPORTED SINCE 1700Z. ALL VISIBLE REGIONS ARE REPORTED TO POSSESS LESS FLARE POTENTIAL THAN YESTERDAY. A MAGNETIC DISTURBANCE OF NEAR STORM PROPORTIONS IS IN PROGRESS. A SUDDEN COMMENCEMENT AT 0233Z REPORTED FROM MOSCOW SUGGESTS THE DISTURBANCE MAY BE FLARE-RELATED. A POSSIBLE CANDIDATE WOULD BE THE SMALL, BUT RADIOACTIVE, FLARE AT 1855Z ON 23 JUNE.
- B. THE POSSIBILITY FOR MAJOR FLARES IS DECREASING AND EVEN LESSER FLARES ARE BECOMING LESS FREQUENT. NO SIGNIFICANT GROWTH AND NO SIGNIFICANT RETURNING REGIONS ARE EXPECTED DURING THE FORECAST PERIOD.

- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 26-28 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 20/15/15

IMPORTANCE THREE AND FOUR 2/2/2

PROTON EVENTS 1/1/1

- D. THE OTTAWA 10.7 CM FLUX TODAY IS 129. THE PREDICTED VALUES FOR JUNE 26-28 ARE 130/130/130

- E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4. TODAY IT WILL BE ABOUT 16. THE PREDICTED AP RANGES FOR JUNE 26-28 ARE 10 TO 20/10 TO 15/UNDER 10.

BT