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PP KQFF

DE BOU 090500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 5840 ISSUED AT 0500Z

JUL 09 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

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PP KGFF

DE BOU 091100Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA, BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 584D ISSUED AT 1100Z

JULY 09, 1967.

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 585A ISSUED AT 1700Z
JULY 9, 1967.

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. IMPORTANCE ONE FLARES HAVE BEEN REPORTED TODAY AT 0110Z FROM A BRIGHT BUT DECAYING REGION NOW AT S21W74 AND AT 0313Z FROM A REGION NOW AT N24E02 WHICH IS ALSO NOW DECLINING. A SMALL REGION AT N23E33 HAS GROWN SLIGHTLY SINCE YESTERDAY AND SHOWS POTENTIAL FOR FURTHER DEVELOPMENT. NEW SMALL SPOT GROUPS HAVE APPEARED AT N15W51 AND N05W38. SURGE ACTIVITY AT S20 E LIMB INDICATES THAT A FORMERLY INACTIVE REGION IS RETURNING WITH RENEWED ACTIVITY.

B. FLARE ACTIVITY IS EXPECTED TO BE LIMITED TO IMPORTANCE ONE FLARES AT A RATE OF ABOUT ONE PER DAY THROUGHOUT THE FORECAST PERIOD. THE GENERAL LEVEL OF ACTIVITY SHOULD FLUCTUATE SLIGHTLY AROUND THE PRESENT LEVEL AS REGIONS ROTATING OVER WEST LIMB ARE COMPENSATED BY THE RETURN OF MINOR REGIONS TO EAST LIMB.

MAJOR FLARES DO NOT APPEAR POSSIBLE FROM THE REGIONS NOW VISIBLE.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 10-12 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/90/90

IMPORTANCE TWO OR GREATER 5/5/5

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 106.

PREDICTED VALUES FOR JULY 10-12 ARE 104/106/108

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 585B ISSUED AT 2300Z
JULY 09 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. NO SOLAR EVENTS HAVE BEEN REPORTED SINCE THE 1700Z FORECAST.
ANOTHER SMALL SPOT GROUP HAS APPEARED AT N15 E78.

B. EVEN IMPORTANCE ONE FLARES ARE EXPECTED TO BE INFREQUENT
DURING THE FORECAST PERIOD. THE PRESENT LEVEL OF ACTIVITY SHOULD
CONTINUE WITH LOSS OF SMALL REGIONS AT WEST LIMB BEING
COMPENSATED BY RETURNING SMALL REGIONS AT EAST LIMB.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 10-12 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES
FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/90/90

IMPORTANCE TWO OR GREATER 5/5/5

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 106. THE PREDICTED VALUES
FOR JULY 10-12 ARE 104/106/108

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 2.
TODAY IT WILL BE ABOUT 1. THE PREDICTED AP RANGES FOR JULY 10-12
ARE UNDER 10/UNDER 10/10 TO 15.

BT