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PP KGFF

DE BOU 050500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 580C ISSUED AT 0500Z

JULY 05 1967

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

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DE BOU 051100Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 580D ISSUED AT 1100Z

JULY 5, 1967.

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

BT

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JUL 5 17 11 zbb

PP KGFF

DE BOU 051656Z

) THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 581A ISSUED AT 1700Z

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. THE REGION AT S 21 W 18 HAS DECLINED IN FLARE ACTIVITY
BUT THE SPOT GROUP CONTINUES TO GROW AND IS NOW CLASS/AREA
D/450. ITS STRUCTURE IS ALSO MORE COMPLEX. A RADIO BURST
REPORTED AT 0720Z TODAY WAS NOT ACCOMPANIED BY AN OPTICAL
FLARE. IT APPEARS TO HAVE COME FROM THE GROWING REGION AT
N 14 WHICH ROTATED OFF THE DISK EARLY TODAY. NO SIGNIFICANT

) CHANGES HAVE BEEN REPORTED IN ANY OF THE OTHER REGIONS.

B. MAJOR FLARES ARE POSSIBLE FROM THE REGION AT S 21 W 18.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 06-08 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 40/60/60

IMPORTANCE THREE OR GREATER 10/15/15

PROTON EVENTS 5/5/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 118. THE PREDICTED
VALUES FOR JULY 06-08 ARE 118/118/118.

BT

PP KGFF

DE BOU 052300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 581B ISSUED AT 2300Z

JULY 5, 1967.

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS

A. THE SUNSPOT GROUP AT S21W22 NOW SHOWS SIGNS OF DECAY. THIS REGION PRODUCED ONLY ONE IMPORTANCE ONE NORMAL FLARE TODAY AT 1833Z. ALL OTHER REGIONS ON THE DISK REMAIN SMALL AND INACTIVE.

B. THE SOUTHWEST REGION SHOULD CONTINUE TO PRODUCE FLARES AS LARGE AS IMPORTANCE ONE. ITS POTENTIAL FOR MAJOR

FLARES HAS DECREASED.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JULY 6-8 ARE AS FOLLOWS /FIGURES ARE

PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 30/10/10

IMPORTANCE THREE OR GREATER 5/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 120. THE PREDICTED VALUES FOR JULY 6-8 ARE 118/118/118.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 3.

TODAY IT WILL BE ABOUT 10. THE PREDICTED AP RANGES FOR

JULY 6-8 ARE ALL UNDER 10.

BT