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P KGPF

DE BOU 050500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 550C ISSUED AT 0500Z

JUNE 5 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

BT

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P R G F F

DE BOU 051100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 550D ISSUED AT 1100Z

JUNE 05 1967

MAJOR FLARES ARE POSSIBLE DURING THEN NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 551A ISSUED AT PQUPPZ  
JUNE 5 1967

MAJOR FLARES ARE POSSIBLE BUT UNLIKELY DURING THE  
NEXT 12 HOURS

A. IMPORTANCE ONE FLARES WERE REPORTED AT ABOUT  
0230 AND 0450Z FROM THE REGION NOW AT S18 W60. THE SPOT  
GROUP THERE IS DECAYING AND IS VERY SMALL AND SIMPLE.  
THE PLAGE REMAINS MODERATELY LARGE AND BRIGHT. ONLY  
SUBFLARES HAVE BEEN REPORTED FROM THE LARGE REGION  
NOW CENTERED AT N26 W26. THE SPOT CLUSTER THERE IS  
DEFINITELY DECLINING IN AREA AND SIMPLIFYING IN MAGNETIC  
STRUCTURE. THE DELTA CONFIGURATION REPORTED YESTERDAY  
NO LONGER EXISTS. THE CALCIUM PLAGE IN THIS REGION IS  
LARGER AND BRIGHTER. A SMALL SPOT GROUP AND PLAGE REGION  
NEAR N17 E32 IS SHOWING SIGNS OF DEVELOPING.

B. THE PROBABILITY OF MAJOR FLARES IS DECLINING ALTHOUGH  
THEY ARE STILL POSSIBLE PARTICULARLY FROM THE N26 W26  
REGION.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD JUNE 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 35/30/30

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 3/3/3

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 142.  
THE PREDICTED VALUES FOR JUNE 6-8 ARE 137/135/133

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 551B ISSUED AT 2300Z

JUNE 5 1967

MAJOR FLARES ARE POSSIBLE BUT UNLIKELY DURING THE NEXT

12 HOURS

A. A POSSIBLE IMPORTANCE TWO FLARE OCCURRED IN THE S18 W64 REGION AT ABOUT 1930Z. IMPORTANCE REPORTS VARIED FROM ONE TO THREE AND THE FLARE MAY HAVE BEGUN AS EARLY AS 1907Z. IN ALL VISUAL ASPECTS THIS REGION APPEARS TO BE DECLINING. NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED FROM THE N26 W30 REGION.

B. MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY FROM THE N26 W30 REGION. THE REGION AT S18 W64 MAY PRODUCE ADDITIONAL IMPORTANCE TWO FLARES BUT THESE ARE NOT CONSIDERED LIKELY.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 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 30/30/30

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 3/3/3

D. THE OTTAWA 10.7 CM FLUX TODAY IS 135. THE PREDICTED VALUES FOR JUNE 6-8 ARE 130/126/126

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 11.

TODAY IT WILL BE ABOUT <sup>20</sup>135. THE PREDICTED AP VALUES FOR

JUNE 6-8 ARE 30-50/15-25/8-15

BT