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PP KGFF

DE BOU 190500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 564C ISSUED AT 0500Z

JUNE 19 1967

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

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PP KGFF

DE BOU 191100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 564D ISSUED AT 1100Z

JUNE 19 1967

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

PROBABILITY FOR MAJOR FLARES DURING THE NEXT 12 HOURS HAS  
BEEN LOWERED DUE TO THE RECENT LULL IN FLARE PRODUCTION  
WITHIN THE ACTIVE REGIONS ON THE DISK. PROBABILITIES FOR  
THE 24 HOUR PERIODS IN SDFC 564B REMAIN CONSTANT BECAUSE  
OF THE FLARE HISTORY OF THE ACTIVE REGIONS.

BT

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 565A ISSUED AT 1700Z  
JUNE 19 1967

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

A. THE LARGE NORTHEAST REGION /NOW CENTERED NEAR N26E37/  
CONTINUES TO PRODUCE MINOR FLARES BUT NO ADDITIONAL  
FLARES AS LARGE AS IMPORTANCE TWO. NO SIGNIFICANT CHANGES  
HAVE BEEN REPORTED IN THIS REGION SINCE YESTERDAY.

SURGES AND MINOR FLARES HAVE BEEN REPORTED FROM A REGION  
NOW APPEARING ON EAST LIMB NEAR N17. THE PLAGE THERE  
APPEARS TO BE MODERATELY BRIGHT AND SMALL SPOTS ARE  
VISIBLE.

B. OCCASIONAL MAJOR FLARES ARE POSSIBLE FROM THE REGION  
IN THE NORTHEAST.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD JUNE 20-22 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 40/40/40  
IMPORTANCE THREE OR GREATER 5/5/5  
PROTON EVENTS 5/5/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 115.  
THE PREDICTED VALUES FOR JUNE 20-22 ARE 118/120/121.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 565B ISSUED AT 2300Z

JUNE 19 1967.

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

A. AN IMPORTANCE ONE FLARE WAS REPVORTED AT N17E90 AT 1815Z. THIS REGION HAS A RELATIVELY SMALL SPOT GROUP AND PRODUCED SEVERAL SUBFLARES AND SURGES EARLIER TODAY. NO CHANGES HAVE BEEN REPORTED IN ANY OF THE OTHER VISIBLE REGIONS.

B. MAJOR FLARES ARE STILL POSSIBLE BUT NOT EXPECTED FROM THE REGION AT N26E37. THIS REGION HAS PRODUCED ONLY MINOR ACTIVITY TODAY. THE REGION AT N17E90 SHOULD CONTINUE TO PRODUCE MINOR FLARES.

C. THE PROBABILILTIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD/JUNE 20-22/ ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 35/35/35

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 5/5/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS 115. THE PREDICTED VALUES FOR JUNE 20-22 ARE 118/120/121.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 3. TODAY IT WILL BE ABOUT 1. THE PREDICTED AP VALUES FOR JUNE 20-22 ARE ALL UNDER 10.

BT