

UUU

PP KGFF

DE BOU 160500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER  
SPACE DISTURBANCE FORECAST NUMBER 530C ISSUED AT 0500Z  
MAY 16 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HRS.

BT

NNNNUUU

PP KGFF

DE BOU 161100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 530D ISSUED AT 1100Z

MAY 16 1967

ONLY MINOR FLARES ARE EXPECTED FOR THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 531A ISSUED AT 1700Z  
MAY 16 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT  
12 HOURS

A. NO FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED.  
THEY OCCURRED IN SEVERAL OF THE REGIONS PRESENTLY  
VISIBLE. NEW BUT TINY SPOTS HAVE APPEARED NEAR N14 E23 AND  
S24 E19. ALL REGIONS APPEAR TO BE INACTIVE.

B. MAJOR FLARES ARE NOT EXPECTED. MINOR FLARE ACTIVITY  
FROM SEVERAL REGIONS SHOULD CONTINUE. ADDITIONAL PLAGE  
REGIONS SHOULD APPEAR ON SOUTHEAST LIMB DURING THE  
NEXT THREE DAYS BUT ARE NOT EXPECTED TO BE ACTIVE.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD MAY 17-19 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/95/95

IMPORTANCE TWO OR GREATER 5/5/5

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 109.  
THE PREDICTED VALUES FOR MAY 17-19 ARE 110/112/114

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 531B ISSUED AT 2300Z  
MAY 16 1967.

NO SIGNIFICANT ACITIVITY IS EXPECTED DURING THE NEXT  
12 HOURS

A. A SUBFLARE AT 0539Z TODAY HAS SINCE BEEN REPORTED AS  
IMPORTANCE ONE BY ANOTHER OBSERVATORY. IT OCCURRED IN THE  
REGION NOW NEAR N12 E22 WHICH CONTAINS A TINY SPOT GROUP  
AND A PLAGE OF MODERATE BRIGHTNESS. THE SPOT GROUP NEAR S16  
E08 IS STILL SMALL BUT APPEARS TO BE DEVELOPING SLOWLY AND  
IS CLASS/AREA C/60. A DECLINE IN AREA HAS BEEN NOTED IN THE  
SPOT GROUP NEAR S14 E57 WHICH IS NOW J/60. A NEW TINY SPOT  
GROUP HAS APPEARED AT N28 E19.

B. NO MAJOR FLARE ACTIVITY IS EXPECTED. MINOR FLARES ARE  
POSSIBLE IN SEVERAL REGIONS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD MAY 17-19 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/95/95

IMPORTANCE TWO OR GREATER 5/5/5

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS 111. THE PREDICTED  
VALUES FOR MAY 17-19 ARE 113/116/118.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 5.  
TODAY IT WILL BE ABOUT 6. THE PREDICTED AP VALUES FOR  
MAY 17-19 ARE LESS THAN 10.

BT