

NNNNUUUV

PP KGFF

DE BOU 1240500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 518C ISSUED AT 0500Z

MAY 4 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HRS.

BT

PP KGFF

DE BOU 041100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 518D ISSUED 1100Z

MAY 4 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 519A ISSUED AT 1700Z
MAY 4 1967

MAJOR FLARES POSSIBLE DURING THE NEXT 12 HOURS

A. NO FLARES OF IMPORTANCE ONE OR LARGER HAVE BEEN REPORTED SINCE ABOUT 03/1720Z. THE SPOT GROUP NEAR N20 E36 /ASSOCIATED WITH THE 03/1535Z FLARE/ APPEARS TO BE STABLE. THE PLAGE THERE IS NOT BRIGHT HOWEVER 9.1 CM RADIO NOISE EMISSION INCREASED SUBSTANTIALLY DURING THE 24 HOUR PERIOD PRIOR TO 3.9 MAY. THE SPOT GROUP NEAR S20 W13 DECLINED SLIGHTLY IN AREA SINCE YESTERDAY. THE PLAGE BRIGHTNESS AND 9.1 CM EMISSION THERE HAVE ALSO DECLINED. THE MAGNETIC STORM OF THE PAST TWO DAYS ENDED AT ABOUT 0400Z TODAY.

B. MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY FROM THE N20 E36 REGION. IT MAY PRODUCE ONE OR TWO MORE IMPORTANCE TWO FLARES DURING THIS DISK PASSAGE. IMPORTANCE ONE FLARES ARE LIKELY FROM THE S20 W13 REGION.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MAY 5-7 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 25/20/15
IMPORTANCE THREE OR GREATER 10/5/5
PROTON EVENTS 5/5/2

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 125. THE PREDICTED VALUES FOR MAY 5-7 ARE 124/123/122

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 519B ISSUED 2300Z
MAY 4 1967.

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

A. NO FURTHER FLARE ACTIVITY HAS BEEN REPORTED TODAY. ALL
REGIONS ON THE DISK APPEAR STABLE AND HAVE EXHIBITED NO SIG-
NIFICANT CHANGES SINCE 1700Z.

B. MAJOR FLARES ARE POSSIBLE BUT ARE NOT EXPECTED FROM THE
REGIONS AT N20 E32 AND S 20 W16.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD MAY 5-7 ARE AS FOLLOWS /FIGURES ARE

PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 25/20/15

IMPORTANCE THREE OR GREATER 5/5/2

PROTON EVENTS 5/5/2

D. THE OTTAWA 10.7 CM FLUX TODAY IS 124. THE PREDICTED
VALUES FOR MAY 5-7 ARE 124/123/122.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 40.

TODAY IT WILL BE ABOUT 8. THE PREDICTED AP VALUES FOR
MAY 5-7 ARE 6/5/5.

BT