

PP KGFF

DE BOU 060510Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 5200 ISSUED AT 0500Z

MAY 6 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

BT

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PP KGFF

DE BOU 061100Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 520D ISSUED AT 1100Z

MAY 6 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

AN IMPORTANCE ONE OR TWO BRILLIANT FLARE WAS OBSERVED IN PROGRESS

BY THREE OBSERVATORIES AT S21W21. START AND MAXIMUM TIMES WERE

DEDUCED FROM IONOSPHERIC EFFECTS TO BE 0436Z AND 0455Z RESPECTIVELY.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 521A ISSUED 1700Z
MAY 6 1967.

ONLY MINOR FLARE ACTIVITY EXPECTED DURING NEXT 12 HOURS

A. SOLAR ACTIVITY REMAINS LOW. A FLARE AT 0436Z IN THE REGION AT S20 W38 WAS REPORTED AS AN IMPORTANCE ONE BRIGHT BY TWO OBSERVATORIES AND AS AN IMPORTANCE TWO BRIGHT BY ANOTHER OBSERVATORY. IT WAS ACCOMPANIED BY MODERATE IONOSPHERIC DISTURBANCES RADIO EVENTS AND SATELLITE DETECTED X-RAYS. THE SPOT GROUP IN THIS REGION REMAINS SMALL AND HAS NOT PRODUCED ANY FURTHER ACTIVITY. A BRIGHT SURGE AND PROMINENCE AT N19 E LIMB INDICATED A REGION SHOULD APPEAR THERE LATE TODAY OR TOMORROW. THIS IS NOT A RETURNING REGION AND ITS ACTIVITY CAN NOT BE ESTIMATED UNTIL IT HAS ROTATED ONTO THE VISIBLE DISK.

B. MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY FROM ANY OF THE REGIONS PRESENTLY VISIBLE.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MAY 7-9 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/95/95

IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 122. THE PREDICTED VALUES FOR MAY 7-9 ARE 124/124/124.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 521B ISSUED 2300Z
MAY 6 1967.

ONLY MINOR FLARE ACTIVITY EXPECTED NEXT 12 HOURS

A. NO FLARES OR SOLAR ACTIVITY HAS BEEN REPORTED SINCE THE
1700Z FORECAST. ALL VISIBLE REGIONS REMAIN SMALL AND UN-
CHANGED. THE REGION EXPECTED AT N19 E LIMB IS NOT YET
VISIBLE.

B. MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY FROM ANY OF THE
REGIONS NOW VISIBLE.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD MAY 7-9 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/95/95

IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 121. THE PREDICTED
VALUES FOR MAY 7-9 ARE 124/124/124.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 8.
TODAY IT WILL BE ABOUT 4. THE PREDICTED AP VALUES FOR
MAY 7-9 ARE 6/6/6.

BT