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PP KGFF

DE BOU 1250500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 519C ISSUED AT 0500Z

MAY 5, 1967

MAJOR FLARES POSSIBLE BUT NOT LIKELY DURING NEXT 12 HOURS.

BT

NNNNUUU

PP KGFF

DE BOU 051100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 519D ISSUED 1100Z

MAY 5 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 520A ISSUED AT 1700Z
MAY 5 1967

A. THERE IS EVIDENCE OF MINOR SUNSPOT GROWTH IN THE
VICINITY OF N12 W55. SEVERAL SUBFLARES WERE OBSERVED
THERE EARLY TODAY. THE SPOT GROUPS AT ABOUT N21 E22 AND
S20 W24 BOTH APPEAR TO BE STABLE AND ARE PRODUCING
ONLY INFREQUENT SUBFLARES. ONLY FAINT AND SCATTERED PLAGES
ARE VISIBLE EAST OF ABOUT E45.

B. ONLY MINOR FLARE ACTIVITY IS EXPECTED.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD MAY 6-8 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/90/90

IMPORTANCE TWO OR GREATER 15/10/10

IMPORTANCE THREE OR GREATER 5/2/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 124.
THE PREDICTED VALUES FOR MAY 6-8 ARE 124/124/124

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 520B ISSUED AT 2300Z
MAY 5 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. NO ADDITIONAL FLARE ACTIVITY HAS BEEN REPORTED TODAY AND THERE HAVE BEEN NO SIGNIFICANT IONOSPHERIC OR RADIO EMISSION EVENTS TO INDICATE POSSIBLE OCCURRENCE OF MAJOR FLARES. NO MAJOR CHANGES IN ANY OF THE VISIBLE REGIONS HAVE BEEN REPORTED HOWEVER OPTICAL OBSERVATIONS HAVE BEEN SEVERELY HAMPERED BY WEATHER CONDITIONS AT MANY OBSERVATORIES.

B. THE PROBABILITY IS LOW FOR MAJOR FLARES. FILAMENT ACTIVATION IN SOME OF THE PLAGE REGIONS INDICATES THAT MINOR FLARES MAY BE EXPECTED.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MAY 6-8 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/90/90

IMPORTANCE TWO OR GREATER 15/10/10

IMPORTANCE THREE OR GREATER 5/2/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 126. THE PREDICTED VALUES FOR MAY 6-8 ARE 125/124/124

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

BT