

NNNNUUU

P KOFF

DE BOU 070500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 521C ISSUED AT 0500Z

MAY 7 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HRS.

BT

NNNNUUU

PP KGFF

DE BOU 071100Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 521D ISSUED AT 1100Z

MAY 7 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HRS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 522A ISSUED AT 1700Z

MAY 7 1967

A. OTHER THEN A FEW SUBFLARES NO FLARE ACTIVITY HAS BEEN REPORTED DURING THE PAST 35 HOURS. SUBFLARE ACTIVITY HAS BEEN CONFINED TO THE REGIONS NEAR N20 W02 AND S20 W51.

INTEREST IN THESE REGIONS INCREASED SOMEWHAT OVER THE PAST FEW HOURS WITH THE REPORT OF ACTIVE FILAMENTS IN BOTH OF THEM. THE SPOT GROUP AT N20 W02 IS VERY STABLE AND IS CLASS/AREA H/280. THE S20 W51 SPOT GROUP IS SLOWLY DECLINING AND IS J/40. TINY SPOT GROUPS EXIST AT N20 W80 S17 W76 AND N16 E18. EXCEPT FOR A SMALL MODERATELY BRIGHT FACULAE AT THE SE LIMB THE EASTERN HALF OF THE SUN CONTAINS ONLY FAINT SCATTERED PLAGES AND FACULAE.

B. MAJOR FLARE ACTIVITY IS NOT EXPECTED. FILAMENT ACTIVATION AT N20 W02 AND S20 W51 INCREASES THE PROBABILITY FOR MAJOR FLARES SLIGHTLY.

.C THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MAY 8-10 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 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 117.

THE PREDICTED VALUES FOR MAY 8-10 ARE 112/115/118

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 522B ISSUED AT 2300Z
MAY 7 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

- A. NO FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED SINCE 06/0525Z. ALL VISIBLE SOLAR REGIONS APPEAR TO BE VERY STABLE.
- B. MAJOR FLARES ARE NOT EXPECTED. ADDITIONAL PLAGE SHOULD APPEAR AT THE SOUTHEAST LIMB. THE PLAGE VISIBLE THERE NOW PRECEDES BY ABOUT ONE DAY A REGION THAT IS EXPECTED TO RETURN.
- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MAY 8-10 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 90/90/90
IMPORTANCE TWO OR GREATER 5/5/5
IMPORTANCE THREE OR GREATER 1/1/1
PROTON EVENTS 1/1/1
- D. THE OTTAWA 10.7 CM FLUX TODAY IS 118. THE PREDICTED VALUES FOR MAY 8-10 ARE 114/116/118
- E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4. TODAY IT WILL BE ABOUT 11. THE PREDICTED AP VALUES FOR MAY 8-10 ARE 7/5/5

BT