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P KGFF

DE BOU 080500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER-ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 522C ISSUED AT 0500Z

MAY 8 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HRS.

BT

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PP KGFF

DE BOU 081100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 522D ISSUED 1100Z

MAY 8, 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 523A ISSUED AT 1700Z
MAY 8 1967

ONLY MINOR FLARE ACTIVITY IS EXPECTED DURING THE
NEXT 12 HOURS.

A. ATHENS REPORTED AN IMPORTANCE TWO FLARE BEGINNING
AT 1124Z WITH DURATION OF 75 MINUTES. IT OCCURRED IN
THE REGION NOW NEAR S21 W65 AND WAS PRECEDED BY
FILAMENT ACTIVATION IN THE REGION. THE FLARE IS
UNCONFIRMED BY OTHER VISUAL REPORTS BUT IT WAS
ACCOMPANIED BY CM WAVELENGTH RADIO EMISSION. SINCE
THE FLARE THE S21 W65 REGION HAS DIMINISHED CONSIDERABLY
IN BRIGHTNESS. NO OTHER FLARES OR SUBFLARES HAVE
BEEN REPORTED. ALL VISIBLE REGIONS NOW APPEAR TO
BE STABLE.

B. MAJOR FLARES ARE NOT EXPECTED. THE CHARACTER OF
THE REGIONS AT S21 W65 AND N20 W15 IS SUCH THAT
OCCASSIONAL IMPORTANCE TWO FLARES ARE POSSIBLE FROM
BOTH.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD MAY 9-11 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 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 116.
THE PREDICTED VALUES FOR MAY 9-11 ARE 115/117/119

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 523B ISSUED AT 2300Z
MAY 8 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

- A. THE FLARE AT 1124Z DISCUSSED IN SDF523A WAS CLASSSED AS IMPORTANCE THREE BY ANACAPRI-S. ONLY ONE SUBFLARE HAS BEEN REPORTED SINCE THEN AND IT WAS IN THE SAME REGION /S20 W64/. A TINY SPOT GROUP IS NOW VISIBLE AT S24 E84 ASSOCIATED WITH THE PLAGE THERE DISCUSSED YESTERDAY. BRIGHT GREEN CORONA AND POSSIBLE LOOP PROMINENCES WERE REPORTED NEAR THERE TODAY.
- B. MAJOR FLARES ARE NOT EXPECTED BUT THE REGIONS AT S21 W69 AND N20 W19 APPEAR CAPABLE OF OCCASIONAL IMPORTANCE TWO FLARES. ADDITIONAL PLAGE IS ANTICIPATED AT THE SOUTHEAST LIMB.
- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MAY 9-11 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 1/1/1
PROTON EVENTS 1/1/1
- D. THE OTTAWA 10.7 CM FLUX TODAY IS 115. THE PREDICTED VALUES FOR MAY 9-11 ARE 115/117/119
- E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 10. TODAY IT WILL BE ABOUT 6. THE PREDICTED AP VALUES FOR MAY 9-11 ARE 6/6/6

BT