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PP KGFF

DE BOU 1220500

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 516C ISSUED 0500Z

MAY 2 1967

ONLY MINOR FLARE ACTIVITY IS EXPECTED WITHIN THE NEXT 6 HRS.

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PPKGFF

DE BOU 021100Z

THIS IS THE MESSAGE FOR REFILE
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 516D ISSUED 1100Z.
MAY 2 1967

ONLY MINOR FLARE ACTIVITY IS EXPECTED.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 517A ISSUED AT 1700Z
MAY 02 1967

ONLY MINOR FLARE ACTIVITY IS EXPECTED.

A. ONLY SUBFLARE ACTIVITY HAS BEEN REPORTED TODAY IN THE REGIONS
NEAR N26W56 AND N21E61. THESE REGIONS APPEAR TO BE STABLE.
THE SPOT GROUP AT S20E13 HAS GROWN SLIGHTLY AND THE REGION HAS
INCREASED SLIGHTLY IN 9.1 CM EMISSION. THE PLAGE THERE IS
MODERATELY BRIGHT AND FLUCTUATING. A SPOT GROUP AT N13W13 HAS
DOUBLED IN SIZE TO AN AREA OF 150 MILLIONTHS AND IS ALSO CLASS D.
FLARE ACTIVITY HAS NOT BEEN REPORTED FROM EITHER OF THESE REGIONS
FOR ABOUT 24 HOURS. MINOR MAGNETIC VARIATIONS STILL CONTINUE
RESULTING FROM THE DISTURBANCE WHICH BEGAN AT 1907Z YESTERDAY.

B. FLARES AS LARGE AS IMPORTANCE TWO ARE POSSIBLE BUT NOT LIKELY
FROM BOTH THE REGIONS AT S20E13 AND N13W13. OF THESE THE
S20E13 LOCATION IS THE MORE PROBABLE SOURCE. ONLY MINOR FLARE
ACTIVITY IS ANTICIPATED FROM THE REMAINING VISIBLE REGIONS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD MAY 03-05 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES
FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 15/15/15

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 131.

PREDICTED VALUES FOR MAY 03-05 ARE 130/128/126

E. THE MAGNETIC INFORMATION WILL BE INCLUDED ON THE 2300Z
FORECAST.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 517B ISSUED 2300Z
MAY 2 1967.

NO SIGNIFICANT ACTIVITY EXPECTED DURING NEXT 12 HOURS

A. NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED FROM ANY OF THE
VISIBLE REGIONS. THERE IS SOME EVIDENCE THAT THE REGION NEAR
S20 E09 MAY BE DECLINING BOTH IN SPOT AND PLAGE CHARACTERISTICS.
ALL OTHER REGIONS APPEAR TO BE RELATIVELY STABLE.

B. MAJOR FLARE ACTIVITY IS NOT EXPECTED. ONLY MINOR AND INACTIVE
REGIONS ARE EXPECTED TO RETURN TO EAST LIMB DURING THE NEXT 3 DAYS

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD MAY 3-5 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 130. THE PREDICTED
VALUES FOR MAY 3-5 ARE 129/127/126.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 15.
TODAY IT WILL BE ABOUT 17. THE PREDICTED AP VALUES FOR
MAY 3-5 ARE 11/8/6.

BT