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PP KGFF

DE BOU 180500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 532C ISSUED AT 0500Z

MAY 18 1967

DURING THE NEXT 12 HOURS ONLY MINOR FLARES ARE EXPECTED.

BT

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PP KGFF

DE BOU 181100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 532D ISSUED AT 1100Z

MAY 18 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

ACTIVITY EXISTS AT N24E LIMB. A LOOP PROMINENCE WAS OBSERVED

HERE FROM 0400-0510Z WITH ITS BASE OVER THE LIMB. AN IMPORTANT

TWO SURGE OCCURRED HERE FROM 0300-0345Z AND WAS ACCOMPANIED BY

A RADIO BURST AND IONOSPHERIC EFFECTS. THE PLAGE HAS BEEN

REPORTED AS BRIGHT AND FLUCTUATING AND ONE SPOT IS VISIBLE VER

NEAR THE LIMB.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 533A ISSUED AT 1700Z  
MAY 18 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. A MODERATELY BRIGHT PLAGE HAS ROTATED ONTO THE EAST LIMB  
AT N26. IT IS ASSOCIATED WITH A SPOT GROUP AT N24E78 WHICH  
APPEARS TO BE J/ABOUT 100. LIMB PROMINENCE ACTIVITY CONTINUES  
IN THE VICINITY OF THE REGION INCLUDING POSSIBLE LOOPS  
OBSERVED AT ABOUT 0400Z BY MANILA. AN IMPORTANCE ONE FLARE  
AT 0539Z WAS REPORTED NEAR THE LOCATION OF THE ENHANCED  
3.2 MM SOURCE DISCUSSED IN SDF 532B. NO SPOT IS VISIBLE  
NEAR THERE AND THE PLAGE IS RELATIVELY FAINT. 9.1 CM EMISSION  
IS SLIGHTLY ENHANCED AT THE SOUTHEAST LIMB. THE REMAINING  
DISK REGIONS APPEAR TO BE STABLE.

*no flare  
2400Z*

BT NOJORIKENESMANDRPDESSESE

ARE EXPECTED FROM THE NORTHEAST LIMB REGION. THE PLAGE  
THERE EXTENDS OVER THE LIMB AND MORE OF THE REGION SHOULD  
APPEAR OVER THE NEXT SEVERAL HOURS. A REGION SHOULD ROTATE  
ONTO THE SOUTHEAST LIMB.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE  
THREE DAY PERIOD MAY 19-21 ARE AS FOLLOWS/FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 10/15/15

IMPORTANCE THREE OR GREATER 3/3/3

PROTON EVENTS 2/2/3

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 123.

THE PREDICTED VALUES FOR MAY 19-21 ARE 128/132/135.

