

NNNNUUUV

PP KGFF

DE BOU 140500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 528C ISSUED AT 0500Z

MAY 14 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

BT

NNNNUUV

P KBFF

DE BOU 141100Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 528D ISSUED AT 1100Z

MAY 14 1967

NO SIGNIFICANT ACTIVITY EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 529A ISSUED 1700Z
MAY 14 1967.

MINOR FLARES EXPECTED WITH INCREASING PROBABILITY FOR
MAJOR FLARES

A. AN IMPORTANCE ONE FLARE WAS REPORTED BY THREE OBSERVATORIES AT 1535Z TODAY NEAR S26 E10. THE ASSOCIATED SUNSPOT GROUP HAS DECLINED TO PORE-LIKE SPOTS BUT THE REGION EXHIBITED SOME ENHANCEMENT AT 3 MM LATE YESTERDAY. A LARGE REGION OF CONTINUOUS SURGE ACTIVITY IS VISIBLE AT S10 E LIMB. THE SPOT GROUP AND PLAGE AT S16 E39 HAVE BOTH DEVELOPED SLIGHTLY SINCE YESTERDAY. A TINY SPOT HAS FORMED IN BRIGHT FACULAE TODAY AT N27 E67.

B. ADDITIONAL SMALL FLARES ARE POSSIBLE BUT UNLIKELY FROM THE SOUTH CENTRAL REGION. A SIGNIFICANT INCREASE IN ACTIVITY SHOULD OCCUR WITH THE APPEARANCE OF THE REGION AT SE LIMB. PRESENT CONDITIONS DO NOT INDICATE MAJOR ACTIVITY BUT FURTHER DEVELOPMENT OF THE SE REGION IS POSSIBLE. MINOR GROWTH AT S16 E39 AND N27 E67 IS ALSO POSSIBLE.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MAY 15-17 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 2/5/5

PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 108. THE PREDICTED VALUES FOR MAY 15-17 ARE 112/116/118.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 529B ISSUED 2300Z
MAY 14 1967.

MINOR FLARES EXPECTED WITH INCREASING PROBABILITY FOR
MAJOR FLARES

- A. A LARGE SUBFLARE WAS REPORTED AT 1744Z IN THE REGION NOW AT S25 E05. NO CHANGES HAVE BEEN REPORTED IN ANY OF THE OTHER REGIONS NOW VISIBLE.
- B. CONTINUED SMALL FLARE ACTIVITY IS EXPECTED FROM THE SOUTH-CENTRAL REGION. ADDITIONAL SMALL FLARES ARE LIKELY FROM THE ACTIVE REGION COMING INTO VIEW AT SE LIMB. MAJOR FLARE EXPECTATIONS MAY INCREASE AS THIS REGION COMES INTO BETTER VIEW.
- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MAY 15-17 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 10-10-10
IMPORTANCE THREE OR GREATER 2/5/5
PROTON EVENTS 1/1/1
- D. THE OTTAWA 10.7 CM FLUX TODAY IS 106. THE PREDICTED VALUES FOR MAY 15-17 ARE 110/114/116.
- E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 16. TODAY IT WILL BE ABOUT 7. THE PREDICTED AP VALUES FOR MAY 15-17 ARE 8/6/4.

BT