

NNNNUUV

PP KGFF

DE BOU 1660500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 560C ISSUED AT 0500Z

JUNE 15, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

NNNNUUV
PP KGFF

DE BOU 151100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 560D ISSUED AT 1100Z

JUNE 15 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 561A ISSUED AT 1700Z
JUNE 15 1967

MAJOR FLARES ARE NOT EXPECTED DURING THE NEXT 12 HOURS

A. REPORTED FLARE ACTIVITY CONTINUES TO BE LIMITED TO SUBFLARES. THE REGION AT NORTHEAST LIMB IS STILL IN THE PROCESS OF ROTATING ONTO THE VISIBLE DISK. TWO SPOT GROUPS ARE VISIBLE IN THE REGION AT N19 E69 AND N26 E77 AND BOTH ARE DESCRIBED AS CLASS/AREA J/80. THE PLAGE VISIBLE THERE SO FAR IS NOT ESPECIALLY BRIGHT AND PROMINENCE ACTIVITY AT THE LIMB IS ONLY MODERATE. A BRIGHT MOUND PROMINENCE AT THE LIMB MAY BE ASSOCIATED WITH THE PORTION OF THE REGION THAT WAS MOST ACTIVE DURING ITS LAST DISK PASSAGE. REPEATED BRIGHT SURGES HAVE BEEN OBSERVED THROUGHOUT THE DAY FROM THE REGION PASSING OVER WEST LIMB AT S16. THIS REGION WAS UNINTERESTING DURING ITS DISK PASSAGE BUT THE PLAGE IS NOW EXCEPTIONALLY BRIGHT AT WEST LIMB. NO FURTHER INFORMATION HAS BEEN REPORTED REGARDING THE VERY MINOR PROTON FLUX DISCUSSED IN SDF 560B AND IT MAY BE OVER.

B. MAJOR FLARES MAY BE POSSIBLE FROM THE PORTION OF THE NORTHEAST REGION NOW ROTATING OVER THE LIMB. EVALUATION WILL BE IMPROVED WHEN THE REGION ROTATES MORE FULLY INTO VIEW.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 16-18 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 5/5/5
PROTON EVENTS 5/5/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 105.
THE PREDICTED VALUES FOR JUNE 16-18 ARE 115/120/125

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 561B ISSUED AT 2300Z
JUNE 15 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS

- A. NO FLARE ACTIVITY HAS BEEN REPORTED SINCE SDF 561A. CHARACTERISTICS OF THE NORTHEAST LIMB REGION NOW INDICATE ONLY A LOW TO MODERATE LEVEL OF FLARE ACTIVITY. THE REGION AT S18 E56 POSSESSES THE BRIGHTEST PLAGE ON THE DISK HOWEVER SUNSPOTS THERE ARE VERY SMALL.
- B. MAJOR FLARES MAY BE POSSIBLE BUT ARE NOT NOW EXPECTED FROM THE NORTHEAST REGION. NO OTHER VISIBLE REGIONS APPEAR CAPABLE OF LARGER THAN IMPORTANCE ONE FLARES.
- C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 16-18 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 5/5/5
PROTON EVENTS 5/5/5
- D. THE OTTAWA 10.7 CM FLUX TODAY IS 104. THE PREDICTED VALUES FOR JUNE 16-18 ARE 110/113/116
- E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 20. TODAY IT WILL BE ABOUT 10. THE PREDICTED AP RANGES FOR JUNE 16-18 ARE UNDER 10

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