

7TNNNNNUUV

P KGFF

DE BOU 140500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 559C ISSUED AT 0500Z

JUNE 14 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

BT

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PP KGFF

DE BOU 141100Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 559D ISSUED AT 1100Z

JUNE 14 1967.

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 560A ISSUED AT 1700Z  
JUNE 14 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS

A. A SPOT GROUP IS NOW VISIBLE AT N19 E80 NEAR THE POSITION  
OF THE LEADING PART OF THE EXPECTED RETURNING REGION.  
EVALUATION IS HAMPERED BY LIMB PROXIMITY BUT IT IS  
TENTATIVELY IDENTIFIED AS CLASS/AREA J/60 AND IT DOES NOT  
APPEAR TO BE ACTIVE. DURING THE LAST ROTATION OF THIS  
REGION THE TRAILING PORTION PRODUCED MOST OF THE ACTIVITY  
AND IT WILL APPEAR AT EAST LIMB IN 24 TO 48 HOURS. OTHER  
SMALL AND INACTIVE SPOT GROUPS ARE VISIBLE AT S16  
W70 AND S19 E69.

B. MAJOR FLARES DO NOT APPEAR TO BE LIKELY FOR THE NEXT  
24 HOURS. THE RETURN OF THE PREVIOUSLY ACTIVE PORTION  
OF THE NE LIMB REGION SHOULD PRODUCE AN INCREASE IN  
SOLAR ACTIVITY WITHIN 48 HOURS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE  
DAY PERIOD JUNE 15-17 ARE AS FOLLOWS /FIGURES ARE  
PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 95/100/100  
IMPORTANCE TWO OR GREATER 5/10/15  
IMPORTANCE THREE OR GREATER 1/2/5  
PROTON EVENTS 1/2/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 102.  
THE PREDICTED VALUES FOR JUNE 15-17 ARE 115/125/130

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 560B ISSUED AT 2300Z  
JUNE 14 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. NO FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED. THE SPOT GROUP VISIBLE NEAR THE NORTHEAST LIMB APPEARS TO BE RELATIVELY INACTIVE HOWEVER LIMB OBSERVATIONS INDICATE THAT MORE ACTIVE PORTIONS OF THE REGION ARE YET TO ROTATE OVER THE LIMB. PROMINENCE AND CORONAL EVIDENCE AT THIS TIME DO NOT INDICATE THAT THE REGION IS OF EXCEPTIONAL ACTIVITY. THE OTHER VISIBLE REGIONS ARE SMALL AND INACTIVE. A POSSIBLE MINOR PROTON EVENT WAS OBSERVED AT ABOUT 1245Z. ALASKAN RIOMETERS RECORDED ABSORPTION OF 1 DB OR LESS AT 2045Z. IF THIS IS AN ACTUAL PROTON EVENT IT MAY BE THE REMNANT OF AN EVENT WHICH BEGAN WHEN THE REGION DISCUSSED ABOVE WAS ON THE BACK SIDE OF THE SUN.

MAJOR FLARES ARE NOT EXPECTED UNTIL MORE ACTIVE PORTIONS OF THE NORTHEAST LIMB REGION BECOME VISIBLE IN THE NEXT 1 TO 2 DAYS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 15-17 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 95/100/100

IMPORTANCE TWO OR GREATER 5/10/15

IMPORTANCE THREE OR GREATER 1/2/5

PROTON EVENTS 1/2/5

D. THE OTTAWA 10.7 CM FLUX TODAY IS 101. THE PREDICTED VALUES FOR JUNE 15-17 ARE 115/125/130.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 6. TODAY IT WILL BE ABOUT 13. THE PREDICTED AP RANGES FOR JUNE 15-17 ARE ALL UNDER 10.

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