

NNNNUUUV

PP KGFF

DE BOU 190500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 657C ISSUED 0500Z SEPT 19, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

BT

ESSA/SPACE DISTURBANCE  
FORECAST CENTER

SEP 19 10 59-67

NNNNUUUV

PP KGFF

DE BOU 191100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 657D ISSUED AT 1100Z SEPTEMBER 19, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

BT

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 658A ISSUED AT 1700Z SEPT 19 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS.

A. AN IMPORTANCE TWO BRIGHT FLARE OCCURRED AT 18/2327Z AT N11 W63 AND WAS ACCOMPANIED BY MODERATE RADIO EMISSION AND IONOSPHERIC EFFECTS. THE PLAGE IN THIS REGION REMAINS BRIGHT BUT NO CHANGES HAVE BEEN REPORTED IN THE SPOT GROUP. THE REGION AT S23 E01 CONTINUES A SLOW GROWTH BUT HAS PRODUCED ONLY SUBFLARES SINCE IT WAS FIRST OBSERVED ON SEPT 16. SUBFLARE ACTIVITY CONTINUES FROM THE SMALL REGION AT N22 W78 WHICH WILL ROTATE OFF WEST LIMB LATE TODAY.

B. MAJOR FLARES APPEAR POSSIBLE BUT ARE NOT EXPECTED FROM THE REGION AT N11 W63. MINOR FLARES ARE POSSIBLE FROM THE REGION AT N17 W63 AND S23 E01.

FORECASTS FOR SEPT 20-22

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 10/10/10  
IMPORTANCE THREE OR GREATER 1/1/1  
PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 126. PREDICTED 124/122/121.

BT

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PP KGFF

DE BOU 192300Z

THIS IS THE MESSAGE FOR REFILE

SEP 19 23 21 267  
ESSA/SPACE DISTURBANCE  
FORECAST CENTER

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 658B ISSUED 2300Z SEPT 19, 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HRS

A. MINOR FLARE ACTIVITY CONTINUES FROM THE REGION AT N22 W78 AS IT ROTATES OFF WEST LIMB. IT WILL RETURN ABOUT SEPT 23. NO ACTIVITY OR CHANGES HAVE BEEN REPORTED FROM THE REGIONS AT N11 W62 AND S24 E06. MODERATE LIMB ACTIVITY AT S15 E LIMB INDICATES A REGION WILL ROTATE ONTO THE DISK THERE TOMORROW. IT IS POSSIBLY THE RETURN OF A SMALL REGION WHICH DID NOT PRODUCE SIGNIFICANT ACTIVITY. A MAGNETIC DISTURBANCE WHICH BEGAN AT 2000Z IS STILL IN PROGRESS AT 2300Z AND APPEARS CAPABLE OF REACHING STORM PROPORTIONS.

B. MAJOR FLARES ARE POSSIBLE BUT ARE NOT EXPECTED FROM THE REGION AT N11 W62. MINOR FLARE ACTIVITY IS EXPECTED FROM THE REGIONS AT N11 W62, S24 E06 AND FROM THE NEW REGION AT S15 EAST LIMB.

FORECASTS FOR SEPT 20-22

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 127. PREDICTED 126/125/125

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 8. TODAY ABOUT 21.

PREDICTED 20-25/10-15/10-15