

UUU  
PP KGFF  
DE BOU 140500Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 713C ISSUED 0500Z NOV 14 1967  
ALTHOUGH ONLY MINOR FLARES HAVE OCCURRED IN THE RETURNING REGION  
THE PROBABILITY OF MAJOR FLARES OCCURRING IN THIS NEW REGION IS  
INCREASING.  
BT

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UUV  
PP KGFF  
DE BOU 141100Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 713D ISSUED AT 1100Z NOVEMBER 14, 1967  
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS  
BT

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NNNNUUUV  
PP KGFF  
DE BOU 14/1655Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SEF NUMBER 714A ISSUED AT 1700Z NOV 14 1967

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

A. ONLY SUBFLARES HAVE BEEN REPORTED TODAY. THE PLAGE AT  
N10 E70 IS NOW COMPLETELY ON THE DISK AND THE ASSOCIATED  
SPOT GROUP IS CLASS/AREA G/490. THIS REGION DOES NOT  
POSSESS IMMINENT MAJOR FLARE CHARACTERISTICS BUT ITS SIZE  
AND STRUCTURE INDICATED IT IS CAPABLE OF MAJOR FLARE  
PRODUCTIONS. THE PIONEER VII SATELLITE HAS DETECTED AN  
INCREASED FLUX OF LOW ENERGY PROTONS PROBABLY ASSOCIATED  
WITH THE REGION AT N10 E70. ALL OTHER REGIONS ARE UNCHANGED.

B. MAJOR FLARES ARE POSSIBLE FROM THE REGION AT N10 E70  
AND THE PIONEER REPORTS INCREASES THE PROBABILITY OF A  
PROTON FLARE.

FORECASTS FOR NOV 15-17

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 30/30/30

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 5/10/10

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 134. PREDICTED 140/144/148.  
BT

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NNNNUUUV  
PP KGFF  
DE BOU 142300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 714B ISSUED 2300Z NOV 14 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS.  
A. ONLY SUBFLARES HAVE BEEN REPORTED TODAY. THE SPOT GROUP AT N10E58  
CONTAINS A MAGNETIC DELTA CONFIGURATION. THE ASSOCIATED PLAGE REGION  
IS MODERATELY BRIGHT AND CONTAINS SOME FINE STRUCTURE. NO ACTIVITY  
HAS BEEN REPORTED THERE TODAY. SEVERAL SUBFLARES HAVE BEEN REPORTED  
FROM TWO SMALL REGIONS AT S13W23 AND S20W06. SLIGHT GROWTH HAS BEEN  
OBSERVED IN THE REGIONS AT N18E48 AND N12E24. ALL OTHER REGIONS ARE  
UNCHANGED.

B. INFREQUENT MAJOR FLARES ARE EXPECTED AND A PROTON FLARE IS  
POSSIBLE FROM THE REGIONS AT N10E58 DURING ITS DISK PASSAGE.

FORECASTS FOR NOV 15-17

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 30/30/30

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 5/10/10

D. OTTAWA 10.7 CM FLUX TODAY 133. PREDICTED 138/140/142.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 11. TODAY ABOUT 7.  
PREDICTED AP ALL UNDER 10.

BT

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