

UUV
PP KGFF
DE BOU 210500Z
THIS IS THE MESSAGE FOR REFILE.

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 720C ISSUED 0500Z NOV 21 1967
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS.
BT

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PP KGFF
DE BOU 211100Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 720D ISSUED AT 1100Z NOVEMBER 21, 1967
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS
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PP KGFF
DE BOU 211700Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 721A ISSUED 1700Z NOVEMBER 21 1967

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

A. IMPORTANCE ONE FLARES WERE REPORTED AT 20/2100Z COMMA 21/0455
AND 21/1059Z IN THE REGIONS NOW NEAR N20E45 N18W18 AND N09W72
RESPECTIVELY. THE N18W18 REGION CONTINUES TO DECAY SLOWLY. NO
SIGNIFICANT CHANGES HAVE BEEN REPORTED IN THE N20E45 REGION
HOWEVER DATA IS LIMITED DUE TO POOR WEATHER CONDITIONS AT SEVERAL
OBSERVATORIES. MINOR ACTIVITY HAS BEEN REPORTED NEAR S20 EAST
LIMB WHERE A RETURNING PLAGE REGION IS NOW VISIBLE.

B. THE POTENTIAL EXISTS FOR MAJOR FLARES FROM THE REGIONS AT
BOTH N18W18 AND N20E45. THE FLARE HISTORY OF THESE REGIONS
INDICATES THAT SUCH FLARE ACTIVITY SHOULD BE INFREQUENT.

FORECASTS FOR NOV. 22-24 1967

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 40/40/30

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 166. PREDICTED 162/160/158.
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PP KGFF

DE BOU 212330Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 721B ISSUED 2300Z NOV 21 1967

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

A. HDIRECT SOLAR OBSERVATIONS TODAY ARE SEVERELY HAMPERED BY POOR WEATHER CONDITIONS. NO SIGNIFICANT FLARES HAVE BEEN REPORTED AND JUDGING FROM IONOSPHERIC AND RADIO EMISSION DETECTION TECHNIQUES NONE HAS OCCURRED. IONOSPHERIC DETECTION INDICATED A PROBABLE SMALL FLARE AT 1650Z. ALL SOLAR REGIONS APPEAR TO BE STABLE.

B. MAJOR FLARES ARE STILL POSSIBLE FROM THE REGIONS NOW NEAR N18W22 AND N20E40. INCOMPLETE INFORMATION PRECLUDES EVALUATION OF THE REGION NEAR THE SOUTHEAST LIMB.

FORECASTS FOR NOV 22-24

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 40/40/30

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

D. KOTTAWA 10.7HCM FLUX TODAY 165. PREDICTED 162/160/158.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 2. TODAY ABOUT 3.

PREDICTED AP 8-12/12-16/12-16.

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