

UVV  
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

NNNN

NNNN

UUV  
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  
BT

NNNN

NNNNUV  
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.  
BT

NNNN

NNNNUV  
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. DIRECT 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. OTTAWA 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.

BT

NNNN