

NNNN0350
NNNN

KMSC
PP KGFF
DE BOU 090400Z
THIS MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 440A ISSUED 0400Z 09 NOVEMBER 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT 13 HOURS.

A. OPTICAL OBSERVATIONS HAVE BEEN LIMITED TO SHORT PERIODS OF
CLEARING AT MOST OBSERVATORIES DURING THE PAST 11 HOURS. VERY
LITTLE CHANGE WAS OBSERVED IN ANY OF THE REGIONS ON THE DISK.
SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. THE GEO-
MAGNETIC FIELD IS SLIGHTLY DISTURBED WITH ACTIVITY INCREASING
AFTER 08/1835Z. NO MAGNETIC STORM IS EXPECTED.

B. CLASS M FLARES ARE EXPECTED FROM THE REGION AT N22E20.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 09 NOV/0400Z ENDING 12 NOV/0400Z.

CLASS M OR GREATER 80/80/80

CLASS X 20/20/20

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX 08/1700Z AND 2000Z WERE BOTH 132.

SOLTERWARN

BT

NNNN1651

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KMSC

PP KGFF

DE BOU 091700Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 440B ISSUED 1700Z 09 NOV 1969

CLASS M ACTIVITY IS POSSIBLE DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS BEEN MINIMAL THE PAST 13 HOURS. THE LARGE REGION NEAR N23E09 IS ESSENTIALLY UNCHANGED BUT A FILAMENT ON THE SOUTH SIDE OF THE REGION HAS BEEN ACTIVE. A NEW BI-POLAR SPOT GROUP IS DEVELOPING IN A COMPACT AND BRIGHT PLAGE NEAR N26W26. A PROBABLE D-TYPE SPOT GROUP IS NOW VISIBLE NEAR S19E73. A GEOMAGNETIC SUDDEN COMMENCEMENT WAS OBSERVED AT 08/1837Z BUT THE SUBSEQUENT STORM HAS BEEN MINOR. A SHORT-LIVED FORBUSH DECREASE BEGAN ABOUT 09/0130Z. COUNTING RATES AT DEEP RIVER WERE DEPRESSED 5 PERCENT AT 0330Z AND WERE NEAR NORMAL AGAIN BY 09/1500Z.

B. INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 NOV/1700Z ENDING 12/1700Z.

CLASS M OR GREATER 80/80/80

CLASS X 20/20/20

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 131. PREDICTED 134/134/134.

E. MAGNETIC A-FREDERICKSBURG FOR 08 NOV WAS 13. FOR 09 NOV ABOUT 23 PREDICTED AP FOR 10-12 NOV 18/15/10.

SOLTERWARN

BT