

NNNN
KMSC
PP KGFF
DE BOU 241815Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 394A ISSUED 1700Z 24 SEPTEMBER 1969
CLASS M FLARES ARE EXPECTED IN THE NEXT 6 HOURS

A. CONSIDERABLE GROWTH IS APPARENT IN THE N08E34 REGION.
A LOOPING FILAMENT JOINS THIS REGION TO THE MAGNETICALLY
COMPLEX N12E38 REGION, WHERE WHITE LIGHT GROWTH IS ALSO
APPARENT. FLARES FROM THE FIRST MENTIONED REGION HAVE BEEN
REPORTED AT A FAIRLY RAPID RATE, WITH NOTABLE EXAMPLES
BEGINNING 24/0115Z /CLASS C/ AND 24/1047Z /CLASS M/. BOTH
WERE OPTICALLY IMPORTANT 1. DEVELOPMENT IS ALSO MARKED
IN N05W25 AND S09E23 REGIONS. FURTHER, AT LEAST TWO SUBFLARES
HAVE BEEN REPORTED FROM A PLAGE AT S15E78 WHERE NO SPOTS ARE
YET VISIBLE. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE EXPECTED PRIMARILY FROM N08E34, ALTHOUGH
BOTH OTHER REGIONS POSSESS INTEREST. GROWTH PATTERN INDICATES
FUTURE X POTENTIAL.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 24 SEP/1700Z ENDING 26 SEP/1700Z.
CLASS M OR GREATER 70/70/70

CLASS X 15/20/20

PROTON EVENTS 10/15/15

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 159. PREDICTED 170/176/180.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24
HOURS PER KP 15.3; 2/2/2/2/2/2/2

SOLTERWARN

BT