

KM5C
PP KGFF

DE BOU 071703Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 407A ISSUED 1700Z 07 OCTOBER 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT 6 HOURS

A. ONLY CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 18
HOURS. THE LARGE, COMPLEX REGION NEAR N18W24 CONTINUES TO SHOW
PROPER MOTION ESPECIALLY IN THE LEADER PORTION WHERE THE FIELD
STRENGTHS HAVE DEFINITELY INCREASED FROM 24 HOURS AGO. THE
PLAGE AREA WHICH IS THE BRIGHTEST ON THE DISK IS NOW LOCATED
IN THE LEADER AND SOUTHERN-MOST ROW OF SPOTS. THE REGION AT
N12E57 IS STILL GROWING AND APPEARS SLIGHTLY UNSTABLE IN H-ALPHA.
THE REMAINING REGIONS ARE STABLE AND UNIMPRESSIVE. THE GEO-
MAGNETIC FIELD IS QUIET.

B. THE POTENTIAL FOR A MAJOR FLARE STILL EXISTS AT N18W24,
HOWEVER, IT APPEARS THAT ITS GROWTH HAS STABILIZED. CLASS M
ACTIVITY IS STILL PROBABLE FROM THIS REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 07/1700Z ENDING 10/1700Z.

CLASS M OR GREATER 60/60/70

CLASS X 20/25/30

PROTON EVENTS 20/25/30

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 145. PREDICTED 145/145/150.

E. N/A.

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

SOLTERWARN

BT

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KMSC

PP KGFF

DE BOU 072300Z

THIS MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 407B ISSUED 2300Z 07 OCT 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. ONLY CLASS C FLARES HAVE BEEN OBSERVED THE PAST 6 HOURS. THE REGION AT N18W28 HAS REMAINED ESSENTIALLY UNCHANGED FROM 6 HOURS AGO. DURING THE PAST 2 HOURS IT APPEARS THAT THE PLAGE IS LESS BRIGHT AND LESS ACTIVE. THE REGION AT N12E53 HAS PRODUCED NUMEROUS CLASS C FLARES AND APPEARS UNSTABLE.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 407A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 145.

E. MAGNETIC A-FREDERICKSBURG FOR 06 OCT WAS 14. FOR 07 OCT ABOUT 10. PREDICTED AP FOR 08-10 OCT 10/10/10.

BT