

KMSC
PP KGFF
DE BOU 101700Z
HERE S THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 380A ISSUED 1700Z 10 SEPTEMBER 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS
A. A TENTATIVE CLASS M FLARE /IMP 1N/ WAS OBSERVED AT
10/0517Z AT S18E67. THIS REGION HAS PRODUCED SEVERAL
SUBFLARES DURING THE PAST TWO HOURS AND SHOWS A NEW
SPOT TO THE SW OF THE MAIN GROUP. THE FILAMENT HAS ALSO
HARDENED. THE REGION AT S31W15 CONTINUES TO DIVERGE
AND APPEARS STABLE. THE REGION AT N22W32 HAS DECAYED IN
ALL PARAMETERS. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.
B. SPORADIC CLASS M EVENTS ARE PROBABLE FROM THE S18E61
REGION. THE EAST LIMB IS QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 10/1700Z ENDING 13/1700Z.

CLASS M OR GREATER 40/40/40

CLASS X 5/5/5

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 115. PREDICTED 112/110/110.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 3. KP FORECAST FOR
NEXT 24 HOURS PER KP 15.3; 3/3/3/3/2/2/2/2.

SOLTERWARN

BT

NNNN2249

NNNN2250

NNNN

KMSC PP KGFF

DE BOU 102300Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 380B ISSUED 2300Z 10 SEPT 1969

CLASS M FLARES ARE PROBABLE DURING THE NEXT 18 HOURS.

A. A POSSIBLE CLASS M FLARE WAS OBSERVED AT S21E65 AT 10/1748Z
(IMP SB/1N). IT PRODUCED AN IMPORTANCE 2, POSSIBLY 3, DSD AND
BSL. MATERIAL WAS INJECTED TO MORE THAN .2 SOLAR RADII ABOVE
THE LIMB. FREQUENT SUBFLARES HAVE BEEN SEEN FROM THIS REGION
THE PAST 6 HOURS WITH THE ADF STILL ACTIVE. ALL OTHER REGIONS
ARE STABLE.

PARTS B & C REMAIN UNCHANGED FROM SDF 380A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 115.

E. MAGNETIC A-FREDERICKSBURG FOR 09 SEPT WAS 08. FOR 10 SEPT
ABOUT 07 PREDICTED AP FOR 11-13 SEPT, ALL UNDER 10.

SOLTERWARN

BT