

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 388A ISSUED 1700Z 18 SEPTEMBER 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. DISK FEATURES SHOW LITTLE CHANGE. AN IMP ONE BRIGHT
FLARE AT 17/1858Z IN THE REGION NEAR S17W42 WAS SMALL CLASS
M. THE UNSTABLE LEADING PORTION OF THE REGION NEAR S04W17
CONTINUES TO PRODUCE FREQUENT SUBFLARES ACCOMPANIED BY MINOR
X-RAY BURSTS. THIS REGION IS NOW CLASSIFIED AS MAGNETICALLY
BETA-GAMMA. A NEW B-TYPE SPOT GROUP WITH A FAIRLY EXTENSIVE
PLAGE NEAR N13E51 HAS PRODUCED SPORADIC SUBFLARES. THE
GEOMAGNETIC FIELD HAS SHOWN ONLY VERY MINOR DISTURBANCE.
PLEASE NOTE A-FREDERICKSBURG CORRECTION BELOW.

B. CLASS M FLARES ARE EXPECTED FROM THE S17W42 AND S04W17
REGIONS WITH THE MAJORITY OF SIGNIFICANT ACTIVITY GRADUALLY
SHIFTING TO THE LATTER REGION. MAJOR ACTIVITY IS NOT AN-
TICIPATED. A SIGNIFICANT GEOMAGNETIC DISTURBANCE IS STILL
EXPECTED WITHIN 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 18 SEP/1700Z ENDING 21 SEP/1700Z.
CLASS M OR GREATER 70/70/70

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 133. PREDICTED 138/143/148.

E. MAGNETIC A-FREDERICKSBURG FOR 16 SEP WAS 06.

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

SOLTERWARN

BT

WNNN
KMSC
PP KGFF
DE BOU 181700Z
HERE IS THE MESSAGE FOR REFILE

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PROTON EVENTS 05/05/05

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24 HOURS PER KP 15.3; 3/3/3/3/3/3/3/3.

SOLTERWARN

BT

NWNN2302

NNNN

KMSC

PP KGFF

DE BOU 182300Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 388B ISSUED 2300Z 18 SEPT 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. ONLY MINOR ACTIVITY AND NO SIGNIFICANT CHANGES THE
PAST 6 HOURS. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.
PARTS B AND C REMAIN UNCHANGED.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 133.

E. MAGNETIC A-FREDERICKSBURG FOR 17 SEPT WAS 09. FOR 18 SEPT
ABOUT 10 PREDICTED AP FOR 19-21 25/15/10.

SOLTERWARN

BT