

NNNN1710

NNNN

KMSC

PP KGFF

DE BOU 021710Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 341A ISSUED 1700Z 02 AUG 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. A PROBABLE SMALL CLASS M FLARE OCCURRED AT 02/0857Z, IMP SW, IN THE S07W21 COMPLEX. LITTLE CHANGE HAS OCCURRED IN THIS REGION THE PAST 18 HOURS. IT STILL APPEARS TO BE MAGNETICALLY COMPLEX. NEW SPOTS HAVE DEVELOPED BETWEEN THE LEADER AND FOLLOWER OF THE MAGNETICALLY COMPLEX REGION NEAR S10E37, BUT THE REGION HAS BEEN RELATIVELY INACTIVE. SPOT GROWTH CONTINUES IN REGIONS NEAR N12W10 AND N08E42; THE FORMER HAS IMPRESSIVE PLAGE AND DYNAMIC ABSORPTION FEATURES WHILE THE LATTER HAS NO SIGNIFICANT PLAGE. MINOR LIMB ACTIVITY HAS BEEN REPORTED NEAR NE20. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE EXPECTED FROM THE S07W21 REGION DURING THE NEXT 72 HOURS. MAJOR ACTIVITY IS POSSIBLE IN THIS REGION. CLASS M FLARES ARE POSSIBLE FROM THE REGION NEAR S10E37 AND THE GROWING REGION NEAR N12W10.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 AUG/1700Z ENDING 05/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 40/50/50

PROTON EVENTS 40/50/50

D. OTTAWA 10.7 CM FLUX AT 1400Z TODAY WAS 194. PREDICTED 200/205/210.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 01. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; 1/1/1/1/1/1/1/1.

SOLTERWARN

BT

KMSC PP KGFF
DE BOU 022300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 341B ISSUED 2300Z 02 AUG 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. ONLY MINOR ACTIVITY REPORTED DURING THE PAST 6 HOURS. NO SIGNI-
FICANT CHANGES IN DISK FEATURES. THE GEOMAGNETIC FIELD REMAINS
VERY QUIET.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 341A.

D. OTTAWA 10.7 CM FLUX AT 1700Z TODAY WAS 187. PREDICTED 195/200/205.

E. MAGNETIC A-FREDERICKSBURG FOR 01 AUG WAS 02. FOR 02 AUG ABOUT 02.
PREDICTED AP FOR 03-05 AUG ALL UNDER 10.

BT