

XXXXX
KMSC
PP KGFF
DE BOU 281730Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 367A ISSUED 1700Z 28 AUGUST 1969

CLASS X FLARES ARE EXPECTED IN THE NEXT 24 HOURS

A. ALTHOUGH FLARE ACTIVITY HAS BEEN LIGHT IN THE N12W05
REGION, CONTINUED MOTION OF THE NW LEADING SPOT TOWARD REGION
CENTER, AND CONTINUED INDICATION OF ROTATION OF CENTRAL UMBRA
ARE NOTED. THE PLAGE APPEARS SOMEWHAT DULL, AND FILAMENT
ACTIVITY IS NOT MARKED. SPOT DEVELOPMENT IS APPARENT IN
N07E45 REGION, AND FILAMENT GROWTH IS NOTED IN INTERIOR.
GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. CLASS X FLARES ARE EXPECTED FROM N12W05 REGION. CLASS M
FLARES EXPECTED FROM N07E45 REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 28/1700Z ENDING 31/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 50/50/50

PROTON EVENTS 30/30/30

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 168.

E. N/A.

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

SOLTERWARN

BT

NNNN2310

NNNN

KMSC PP KGFF

DE BOU 282310Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 367B ISSUED 2300Z 28 AUG 1969

CLASS X FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. THE ONLY CHANGE SEEN IN N12W11 DURING LAST SIX HOURS IS INCREASED H-ALPHA BRIGHTNESS ALONG THE NEUTRAL LING IN THE REGION OF HIGH FIELD GRADIENT BETWEEN WWL LEADER AND CENTRAL PENUMBRA. CONSIDERABLE A REAL GROWTH IN WHITE LIGHT IS APPARENT IN N07E39 GROUP, AND INCREASED FILAMENT COMPLEXITY IS APPARENT. A DEKAMETRIC NOISE STORM BEGAN 28/1950Z AND ENDED 28/2220Z. THE GEOMAGNETIC FIELD IS SOMEWHAT DISTURBED.

PARTS B AND C ARE UNCHANGED FROM SDF 367A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 171. PREDICTED 175/180/182.

E. MAGNETIC A-FREDERICKSBURG FOR 27 AUG WAS 17. FOR 28 AUG ABOUT 08 PREDICTED AP FOR 29-31 AUG 10/10/10.

SOLTERWARN

BT