

NNNN
KMSC
PP KGFF
DE BOU 301700Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 369A ISSUED 1700Z 30 AUGUST 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT SIX HOURS.

A. THE REGION AT N11W33 CONTINUES TO DECAY IN WHITE LIGHT,
BUT H-ALPHA APPEARANCE IS UNCHANGED, AND A SMALL PORTION OF
THE LONG FILAMENT HAS BEEN SOMEWHAT ACTIVE. THE REGION AT N07E17
ALSO APPEARS DIMINISHED IN WHITE LIGHT, WITH THE CENTRAL PORTION
APPEARING AS A CHAIN OF SPOTS(WHERE THE PREVIOUS PENUMBRA CON-
TAINED THE DELTA CONFIGURATION). AN IMPORTANCE 1B BEGINNING
29/2303Z AT N03E39 WAS A CLASS C FLARE, AND THE REGION IS PUNY
IN BOTH WHITE LIGHT AND H-ALPHA. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE EXPECTED FROM N11W33 AND N07E17 REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 30 AUG/1700Z ENDING 02 SEPT/1700Z.

CLASS M OR GREATER 70/70/60

CLASS X 20/20/10

PROTON EVENTS 10/10/05

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 169.

E. N/A

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

SOLTERWARN

BT

2256

NNNN

KMSC PP KGFF

DE BOU 302300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 369B ISSUED 2300Z 30 AUGUST 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. THE REGION LOCATED AT N11W34 HAS DECLINED IN BRIGHTNESS AND HAS NOT CHANGED IN AREA DURING PAST SIX HOURS. THE REGION AT N07E16 HAS DEVELOPED SLIGHTLY IN CENTRAL PORTION. THE REGION AT S09W09 HAS DEVELOPED AND IS SHOWING POINT BRIGHTENING EAST OF MAIN LEADER SPOT. THE REGIONS MENTIONED ARE ALL CAPABLE OF PRODUCING MAJOR FLARES.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 369A.

D. OTTAWA 10.7 CM FLUX AT 2000Z WAS 167. PREDICTED 165/163/161.

E. MAGNETIC A-FREDERICKSBURG FOR 29 AUG WAS 04. FOR 30 AUG ABOUT 05. PREDICTED AP FOR 31 AUG-2 SEPT ALL UNDER 10.

BT

NNNN2257