

2252  
NNNN2252  
NNNN2254  
NNNN  
KMSC PP KGFF  
DE BOU 232300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 362B ISSUED 2300Z 23 AUGUST 1969  
CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.  
SECTIONS A B AND C REMAIN UNCHANGED FROM SDF 362A.  
D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 130. PREDICTED 134/142/150.  
E. MAGNETIC A-FREDERICKSBURG FOR 22 AUG WAS 07. FOR 23 AUG ABOUT 15.  
PREDICTED AP FOR 24-26 AUG 15/12/10.  
BT

NNNN1754  
NNNN1755  
NNNN  
KMSC  
PP KGFF  
DE BOU 231800Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 362A ISSUED 1700Z 23 AUGUST 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT SIX HOURS.

A. THE REGION AT N13E58 CONTINUES TO DEVELOP; BOTH IN WHITE LIGHT AREA, AND IN PLAGE STRUCTURE. ALTHOUGH ITS MAGNETIC COMPLEXITY DOES NOT SEEM AS INTERESTING AS IN THE INITIAL REPORTS YESTERDAY, THE RATE OF FLARE PRODUCTION (PARTICULARLY OF M-ENERGY FLARES) IS INCREASING. THE FLARES ARE SOMEWHAT DIFFICULT TO INTERPRET, SINCE THEY SEEM TO BE OCCURRING AS SEPARATE POINT BRIGHTENINGS WITHIN THE REGION, AND ARE DISTENDED IN TIME. FOR EXAMPLE, BETWEEN 23/0526 AND 23/0631, AND AGAIN BETWEEN 23/0902 AND 23/0928Z, FLARES OF CLASS M WERE REPORTED BY SEVERAL OBSERVATORIES AS A SERIES OF FLARES, AND BY OTHERS AS A SINGLE FLARE. ANOTHER FLARE FROM THIS REGION BEGINNING 23/1642Z WAS ALSO A CLASS M FLARE. THE GEOMAGNETIC FIELD IS MODERATELY DISTURBED.

B. CLASS M FLARES ARE PROBABLE FROM N13E58 REGION, AND CLASS X FLARES ARE POSSIBLE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 AUG/1700Z ENDING 26/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 25/50/50

PROTON EVENTS 20/30/30

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 128.

E. N/A

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

SOLTERWARN

BT