

KMSC  
PP KGFF  
DE BOU 131715Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 383A ISSUED 1700Z 13 SEPTEMBER 1969

CLASS C FLARES ARE EXPECTED IN THE NEXT SIX HOURS

A. THE PERIOD SINCE SDF 382B HAS BEEN MARKED BY RAPID WHITE LIGHT GROWTH OF THE REGIONS DISCUSSED IN THAT REPORT. MOST RAPID GROWTH IS APPARENT IN THE REGION AT W17E35, AND THIS REGION IS CURRENTLY BRIGHTEST IN H-ALPHA AND HAS GOOD ARCH FILAMENT STRUCTURE. IT PROVIDED A CLASS C FLARE (1N) BEGINNING 13/0814Z. GROWTH IS APPARENT IN THE TRAILING PORTION OF THE S03E51 REGION, AND MAY REPRESENT EMERGENCE OF A NEW BIPOLAR REGION IN THE SE PORTION OF THIS GROUP. GROWTH IS ALSO APPARENT IN THE S07E27 REGION, BUT PLAGE HERE IS QUITE BROKEN. LITTLE CHANGE IS APPARENT IN EITHER THE S18E23 OR S32W52 REGIONS, BUT THE LATTER PRODUCED AN M-ENERGY FLARE BEGINNING 13/0107Z (1B). EAST LIMB ACTIVITY IS NOTED AT S15, WHERE AN EPL AND CORONAL RAIN HAVE BEEN REPORTED. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES WILL CONTINUE FROM S32W52 AT A MODERATE RATE. W17E35 SHOULD BEGIN PRODUCING M FLARES IN 24 TO 36 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 SEPT/1700Z ENDING 15 SEPT/1700Z.

CLASS M OR GREATER 30/40/50

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 132.

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.

SOLTERWARN

BT

NNNN  
KMSC  
PP KGFF  
DE BOU 132300Z  
THIS MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 383B ISSUED 2300Z 13 SEPT 1969  
CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.  
SECTIONS A B AND C REMAIN UNCHANGED FROM SDF 383A.  
D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 129. PREDICTED 132/135/140.  
E. MAGNETIC A-FREDERICKSBURG FOR 12 SEPT WAS 06. FOR 13 SEPT ABOUT 04.  
PREDICTED AP FOR 14-16 SEPT ALL UNDER 10.  
BT