

NNNN1658

NNNN

KMSC

PP KGFF

DE BOU 111700Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 381A ISSUED 1700Z 11 SEPTEMBER 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL WITH ONLY CLASS  
C FLARES BEING REPORTED THE PAST 18 HOURS. A NEW BIPOLAR  
SET OF SPOTS HAVE EMERGED DUE WEST OF THE LARGE SPOTS AT  
S19E58. THE LATTER REGION SHOWS STRONG FIELD STRENGTHS,  
AN EMBEDDED FILAMENT AND BRIGHT, FLUCTUATING PLAGE.

NUMEROUS NEW SPOTS HAVE BEEN ADDED BETWEEN THE LEADER AND  
FOLLOWER SPOTS AT S31W31. TWO NEW SPOT GROUPS ARE LOCATED  
AT N12E60 /C-TYPE/ AND S03E79 /J-TYPE/. THE GEOMAGNETIC  
FIELD IS QUIET. THE FLARE MENTIONED IN THE SDF 380B AT  
10/1748Z WAS CLASSIFIED AS A C EVENT.

B. CLASS M FLARES SHOULD BE ON THE INCREASE IF INTERACTION  
OCCURS IN THE SE COMPLEX.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE  
24 HOUR PERIODS BEGINNING 11/1700Z ENDING 14/1700Z.

CLASS M OR GREATER 40/40/45

CLASS X 5/5/5

PROTON EVENTS 5/5/5

D. OTTAW 10.7CM FLUX AT 1400Z WAS 115. PREDICTED 112/110/110.

E. N/A.

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

SOLTERWARN

BT

NNNN2309  
NNNN  
KMSC  
PP KGFF  
DE BOU 112300Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 381B ISSUED 2300Z 11 SEPT 1969  
CLASS C FLARES ARE EXPECTED IN THE NEXT 18 HOURS.  
A. MINOR GROWTH IN WHITE LIGHT IS APPARENT IN THE N12E62 REGION,  
BUT THE PLAGE IS DIFFUSE AND DIM. A SMALL NEW SPOT SW OF S19E48  
GROUP NOW SEEMS TO BE GROWING PENUMBRA. ITS PLAGE IS SMALL AND  
AND HAS BEEN PRODUCING POINT BRIGHTENINGS ALL DAY, BUT IS NOT  
YET CONNECTED TO PLAGE ASSOCIATED WITH S19E48 REGION. ALL OTHER  
GROUPS APPEAR QUIET. THE GEOMAGNETIC FIELD IS QUIET.  
PARTS B AND C ARE UNCHANGED FROM SDF 381A.  
D. OTTAWA 10.7 CM FLUX TODAY AT 1700Z WAS 118.  
E. MAGNETIC A-FREDERICKSBURG FOR 10 SEPT WAS 07. FOR 11 SEPT  
ABOUT 11 PREDICTED AP FOR 12-14 SEPT, 10/10/10.  
SOLTERWARN