

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 113.
E. MAGNETIC A-FREDERICKSBURG FOR 10 SEPT WAS 07. FOR 11 SEPT
ABOUT 11 PREDICTED AP FOR 12-14 SEPT, 10/10/10.
SOLTERWARN