

NNNNUU
PP KGFF
DE BOU 091715Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 317A ISSUED 1700Z 09 JULY 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS
A. ONLY CLASS CL FLARES HAVE BEEN OBSERVED MOSTLY FROM A
REGION CURRENTLY AT S14W30. THIS REGION IS CONTINUING ITS
SLOW REJUVENATION FROM AN OLD DECAYING REGION INTO A MORE
DYNAMIC FLUCTUATING REGION. STRONG SPOT GROWTH HAS OCCURRED
JUST EAST OF THE LARGE UMBRA. THIS PARTICULAR AREA ALSO
CONTAINS TWO WELL-DEFINED EMBEDDED FILAMENTS IN THE MODERATELY
BRIGHT PLAGE. ALL OTHER REGIONS ARE STABLE. THE GEOMAGNETIC
FIELD CONTINUES TO BE VERY QUIET.

B. IF FURTHER DYNAMIC EVOLUTION CONTINUES AT S14W30, MAJOR
FLARE POSSIBILITIES WILL BE INCREASING. AT PRESENT, ONLY AN
OCCASIONAL CLASS M FLARE IS POSSIBLE FROM THIS REGION DURING
THE NEXT 24-48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 09/1700Z ENDING 12/1700Z.

CLASS M OR GREATER 50/50/60

CLASS X 15/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 164. PREDICTED 160/160/160.

E. N/A.

F. KP ESTIMATE NPAQTPPZ WAS 1. KP FORECAST FOR NEXT
24 HOURS PER KP 15.3; 2/2/2/2/1/1/1.

SOLTERWARN

BT

NNNNU
VPP KGFF
DE BOU 092300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 317B ISSUED 2300Z 09 JULY 1969
CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.
A. SOME PENUMBRAL GROWTH HAS BEEN OBSERVED IN THE TRAILING SPOTS
NEAR THE MAIN GROUP AT S14W34. THIS GROUP HAS ALSO SHOWN FREQUENT
PLAGE FLUCTUATIONS DURING THE PAST 6 HOURS. SURGE ACTIVITY WAS
OBSERVED AT S26EL AND AT N19EL MARKING THE RETURN OF TWO SMALL
GROUPS. ALL OTHER REGIONS HAVE CHANGED LITTLE.
SECTIONS B AND C REMAIN UNCHANGED FROM SDF 317A.
D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 160.
E. MAGNETIC A-FREDERICKSBURG FOR 08 JULY WAS 08. FOR 09 JULY ABOUT
09. PREDICTED AP FOR 10-12 JULY 10/11/12.
BT

NNNW