

NNNNJJUV

PP KGFF

DE BOU 181715Z

HERE IS THE MESSAGE FOR PFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 296A ISSUED 1700Z 18 JUNE 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. MINOR SOLAR ACTIVITY IS INCREASING IN THE GROWING REGION
AT N08E15. DURING THE PAST 3 HOURS, THIS REGION HAS PRODUCED
MANY SUBFLARES AND ONE IMPORTANCE 1N FLARE BEGINNING AT 18/1425Z,
ALL CLASS C EVENTS. THE PLAGE IS GROWING QUITE RAPIDLY TO THE
SOUTH AND EAST OF THE B-TYPE SPOT GROUP AND IS MODERATELY
BRIGHT. AN IMPORTANCE 1N CLASS C FLARE OCCURRED AT 18/0420Z AT
N16W48. THIS REGION IS MODERATELY BRIGHT IN H-ALPHA, BUT ITS
ASSOCIATED SUNSPOT STRUCTURE IS UNIMPRESSIVE. ALL OTHER REGIONS
ARE SMALL AND STABLE.

B. CONTINUED GROWTH IS EXPECTED IN THE N08E15 REGIONS, BUT ONLY
MINOR ACTIVITY IS EXPECTED UNTIL THIS REGION REACHES DYNAMIC
PROPORTIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 18/1700Z ENDING 21/1700Z.

CLASS M OR GREATER 20/20/30

CLASS X 5/5/10

PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX TODAY IS 149. PREDICTED 145/140/140.

E. N/A.

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

SOLTERWARN

RT

NNNNNNVV

HAUS BOU 132300Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 296P ISSUED 2300Z 18 JUNE 1969
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.
A. THE REGION AT NC8F11 CONTINUES TO PRODUCE SMALL CLASS C
SUBFLARES. MOST OF THESE FLARES DURING THE PAST 6 HOURS HAVE
BEEN ACCCOMPANIED BY SMALL, LOW FREQUENCY RADIO BURSTS RAPID
SPOT GROWTH WAS OBSERVED FROM 18/1900Z TO 18/2100Z IN THIS REGION.
THE GEOMAGNETIC FIELD IS QUIET.

PARTS B, C, D, REMAIN UNCHANGED FROM SDF 296A

E. MAGNETIC A-FREDERICKSBURG FOR 17 JUNE WAS 19. FOR 18 JUNE ABOUT
7 PREDICTED AP FOR 19-21 JUNE, 15/19/17.

SOLTEPPWARN

BT