

UUV
PP KGFF

DE BOU 291710Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 307A ISSUED 1700Z 29 JUNE 1969

CLASS C FLARES ARE EXPECTED IN THE NEXT 6 HOURS.

A. FURTHER GROWTH IS APPARENT (WHITE LIGHT) IN THE REGION AT S08E16. PENUMBRAL DEVELOPMENT GIVES THE IMPRESSION THAT IT IS DIVIDING. REGIONS ARE ROTATING ONTO THE DISK ACROSS THE NE LIMB. SURGE ACTIVITY CONTINUES AT N12 EL, IN THE APPARENT POSITION OF AN OLD REGION. A SUSPENDED CLOUD AT N08 ABOUT 0.1 RADII ABOVE EL MAY PRESAGE CORONAL RAIN. FURTHER EL ACTIVITY IS APPARENT AT S13EL WHERE A RETURNING REGION IS EXPECTED. GEOMAGNETIC FIELD IS DISTURBED AT HIGH LATITUDES, BUT RELATIVELY QUIET AT MIDDLE LATITUDES. ENERGETIC PROTON FLUXES NEAR EARTH REMAIN AT QUIET BACKGROUND.

B. CLASS C FLARES ARE EXPECTED FROM S08E16 REGION. CLASS M FLARES EXPECTED FROM N12 EL AS SOON AS REGION CLEARS LIMB.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 29 JUNE/1700Z ENDING 02 JULY/1700Z.

CLASS M OR GREATER 15/20/25

CLASS X 01/05/05

PROTON EVENTS 01/05/05

D. OTTAWA 10.7 CM FLUX AT 1400Z TODAY IS NOT AVAILABLE.

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

BT

NNNNUUUV
PP KGFF
DE BOU 292300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 307B ISSUED 2300Z 29 JUNE 1969
CLASS C FLARES ARE EXPECTED AND CLASS M FLARES ARE PROBABLE DURING
THE NEXT 18 HOURS.
SECTIONS A B AND C REMAIN UNCHANGED FROM SDF 307A.
D. OTTAWA 10.7 CM FLUX TODAY IS NOT AVAILABLE.
E. MAGNETIC A-FREDERICKSBURG FOR 28 JUNE WAS 03. FOR 29 JUNE ABOUT
04. PREDICTED AP FOR 30 JUNE-2 JULY ALL UNDER 10.
BT