

FF KGRF
DE BOU 231705Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 331A ISSUED 1700Z 23 JULY 1969

ONLY CLASS CL FLARES ARE EXPECTED DURING THE NEXT 6 HOURS

A. THE SOLAR DISK APPEARS LESS IMPRESSIVE THAN 24 HOURS AGO. THE REGION AT N13W03 HAS DECAYED RAPIDLY IN WHITE LIGHT AND HAS LOST ALL OF ITS PENUMBRAL AREA. THE REGION AT N11E30 HAS ELONGATED IN SPOT STRUCTURE, BUT ITS OVERALL APPEARANCE IN WHITE LIGHT AND H-ALPHA IS WEAK. A NEW C-TYPE/60 SPOT GROUP IS LOCATED NEAR S15E87. IT HAS BEEN ACCOMPANIED BY SMALL SURGES. THE GEOMAGNETIC FIELD IS QUIET.

B. ONLY A FEW MINOR CLASS CL FLARES ARE EXPECTED. NO MAJOR REGIONS ARE EXPECTED TO RETURN DURING THE NEXT 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23/1700Z ENDING 26/1700Z.

CLASS M OR GREATER 15/15/20

CLASS X 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 112. PREDICTED 112/112/114.

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

NNNN2300

NNNN

KMSC PP KGFF

DE BOU 232300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 330B ISSUED 2300Z 23 JULY 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. SOLAR FLARE ACTIVITY REMAINS VERY LOW. A LARGE FILAMENT NEAR N15W40 STARTING TO DISAPPEAR AT 23/1931Z, BUT REAPPEARED AT 23/2045Z. LITTLE IF ANY EFFECTS ACCOMPANIED THIS EVENT. A FEW MINOR CLASS C EVENTS WERE OBSERVED FROM THE NEW REGION AT S16E49. THE REMAINDER OF THE DISK IS VERY STABLE.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 330A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 113.

E. MAGNETIC A-FREDERICKSBURG FOR 22 JULY WAS 09. FOR 23 JULY ABOUT 03. PREDICTED AP FOR 24-26 JULY 10/10/10.

BT