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KMSC PP KGFF

DE BOU 291710Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 337A ISSUED 1700Z 29 JULY 1969

CLASS M FLARES ARE PROBABLE IN THE NEXT 6 HOURS.

A. MINOR FLARE ACTIVITY HAS LARGELY BEEN CONFINED TO THE REGION AT S16E06. THIS REGION HAS DECREASED IN PENUMBRAL AREA SINCE YESTERDAY, BUT A PORTION OF THE REGION IS MAGNETICALLY COMPLEX AND REMAINS UNSTABLE AND BRIGHT IN H-ALPHA. GROWTH (WHITE LIGHT) IS APPARENT IN BOTH S13W18 AND S07E32 REGIONS, BUT PLAGES APPEAR DULL AND THE REGIONS SEEM MOMENTARILY STABILIZED. NEW GROUPS ARE SEEN AT S16W00 AND S14E53. THE GEOMAGNETIC FIELD IS QUIET.

B. REGION AT S16E06 DOES NOT SEEM TO HAVE SUFFICIENT ENERGY STORAGE TO PERMIT MAJOR FLARE PRODUCTION. OTHER DISK REGIONS DO NOT APPEAR DYNAMIC ENOUGH FOR CURRENT INTEREST. HENCE ONLY CLASS M ACTIVITY FROM S16E06 REGION IS EXPECTED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 29/1700Z ENDING 1/1700Z.

CLASS M OR GREATER 60/60/60

CLASS X 10/10/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 134.

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3 2/2/2/2/2/2/2/2.

SOLTERWARN

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NNNN2317

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KMSC PP KGFF

DE BOU 292315Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 337B ISSUED 2300Z 29 JULY 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. ONLY CLASS C FLARES HAVE BEEN REPORTED IN THE LAST 6 HOURS.

REORGANIZATION OF PLAGE IS REPORTED IN BOTH S16E01 AND S07E27

REGIONS. BOTH REGIONS ARE BRIGHTER /CENTRAL TEMPERATURE/ AND

SHOWING AN INCREASE IN FLUX /INTEGRATED OVER REGION/ IN 9 CM

RADIO MAP. GEOMAGNETIC FIELD IS QUIET.

B. CORONAL INVOLVEMENT, SUGGESTED BY RADIO DATA, INDICATES S16E01

AND S07E27 CANNOT BE DISCOUNTED YET. CLASS M FLARES ARE PROBABLE.

SECTION C REMAINS UNCHANGED FROM SDF 337A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 134. PREDICTED 140/140/140.

E. MAGNETIC A-FREDERICKSBURG FOR 28 JUL WAS 04. FOR 29 JUL ABOUT

03. PREDICTED AP FOR 30 JUL-2 JUN 5/5/5.

BT