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PP KGFF

DE BLDR 041710Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 251A ISSUED 1700Z 04 MAY 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. ONLY CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 18 HOURS AND MINOR FLARE ACTIVITY CONTINUES AT A RELATIVELY LOW LEVEL. THE SPOTS IN THE ACTIVE REGION NEAR N09W62 HAVE DECAYED SLIGHTLY. THE REGION NEAR S12E42 HAS SHOWN SPOT GROWTH AND THE DEVELOPMENT OF ABSORPTION FEATURES. THIS REGION IS INCREASING IN COMPLEXITY. MINOR SURGE ACTIVITY HAS BEEN OBSERVED NEAR SE12 AND SE30 AND SMALL SPOT GROUPS ARE NOW VISIBLE NEAR S12E78 AND S32E82. A SMALL PLAGE HAS ROTATED ONTO THE DISK NEAR NE11 BUT NO SPOTS ARE YET VISIBLE. THE GEOMAGNETIC FIELD IS QUIET.

B. INFREQUENT CLASS M FLARES ARE EXPECTED FROM THE REGIONS NEAR N09W62 AND S12E49.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04/1700Z ENDING 07/1700Z.

CLASS M OR GREATER 70/70/70

CLASS X 10/10/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY IS 133. PREDICTED 134/136/138.

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

BT

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DE BOU 042300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 251B ISSUED 2300Z MAY 1969
CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 251A.
E. MAGNETIC A-FREDERICKSBURG FOR 03 MAY WAS 14. FOR 04 MAY ABOUT 06.
PREDICTED AP FOR 5-7 MAY 10/10/10.
BT

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