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PP KGFF

DE BOU 281715Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 245A ISSUED 1700Z 28 APRIL 1969

SMALL CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL WITH ONLY SPORADIC SUBFLARES,
ALL CLASS C, DURING THE PAST 24 HOURS. THE REGION NEAR N09E20 REMAINS
THE MOST IMPRESSIVE DISK FEATURE BUT HAS BEEN RELATIVELY INACTIVE SINCE
THE IMP TWO BRIGHT FLARE AT 26/2300Z A NEW SMALL, BRIGHT PLAGE WITH A
TYPE H SPOT IS VISIBLE NEAR N20E68. MINOR LIMB ACTIVITY NEAR NE10
INDICATES THAT A REGION IS APPROACHING EAST LIMB PASSAGE. A FORBUSH
DECREASE BEGAN ABOUT 28/0300Z AND NEUTRON MONITOR COUNTING RATES ARE
DEPRESSED BY ABOUT 5 PERCENT. A GEOMAGNETIC STORM BEGAN WITH A SUDDEN
COMMENCEMENT AT 28/0252Z. THE MOST INTENSE DISTURBANCE OCCURRED 28/-
0252Z. THE MOST INTENSE DISTURBANCE OCCURRED 28/06-09Z WHEN LOW LATI-
TUDE K-INDICES REACHED 6 AND HIGH LATITUDE INDICES REACHED 9.

B. INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 3 DAYS. THE
GEOMAGNETIC STORM IS EXPECTED TO CONTINUE FOR 18 TO 24 HOURS.

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 60/60/70

CLASS X 15/10/10

PROTON EVENTS 10/10/10

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

E. KP ESTIMATED FOR 1200-1500Z WAS 5, KP FORECAST FOR NEXT 24 HOURS
PER KP15.3, 4,4,4,4,4,3,3,3,

SOLTERWARN

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DE BOU 282300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 245B ISSUED 2300Z APRIL 28 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.

A. SOLAR ACTIVITY IS AT A VERY LOW LEVEL WITH ONLY ONE SUBFLARE
REPORTED DURING THE PAST 6 HOURS. THE REGION AT N10W45 HAS A
SLIGHTLY ACTIVE FILAMENT. THE GEOMAGNETIC DISTURBANCE HAS DROPPED
IN INTENSITY WITH KP VALUES DOWN TO 3.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 245A.

E. MAGNETIC A-FREDERICKSBURG FOR 27 APRIL WAS 9. FOR 28 APRIL
ABOUT 43. PREDICTED AP FOR 29 APRIL-1 MAY 15/10/5.

BT