

4/29/69

NNNNUUU

HAUS BOU 1191720Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 246A ISSUED 1700Z 29 APRIL 1969

CLASS C FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. ACTIVITY HAS BEEN AT A VERY LOW LEVEL THE PAST 24 HOURS. WITH ONLY SPORADIC CLASS C FLARES OBSERVED. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN DISK FEATURES. ACTIVITY CONTINUES ON THE EAST LIMB NEAR NE10 WHERE A RETURNING REGION IS BEGINNING LIMB PASSAGE, THIS REGION WAS RELATIVELY INACTIVE DURING ITS LAST DISK TRANSIT. THE FORBUSH DECREASE CONTINUES. AT 29/0300Z NEUTRON MONITOR COUNTING RATES WERE DEPRESSED BY 6 PERCENT. THE GEOMAGNETIC STORM WHICH STARTED 28/0252Z ENDED 29/0900Z.

B. INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 3 DAYS. ACTIVITY MIGHT INCREASE SLIGHTLY AS THE RETURNING REGION COMPLETES LIMB PASSAGE.

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 50/50/60

CLASS X 10/10/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY IS 126. PREDICTED 128/130/134.

F. KP ESTIMATED FOR 1200-1500Z WAS 3, KP FORECAST FOR NEXT 24 HOURS PER KP15,3, 3,3,3,3,2,2,2,2

SOLTERWARN

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

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 246B ISSUED 2300Z APRIL 29 1969

CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. DISK FEATURES HAVE CHANGED LITTLE DURING THE PAST 6 HOURS. WEAK
DEKAMETRIC CONTINUUM, ALONG WITH AN OCCASIONAL TYPE 3 BURST, HAS
BEEN OBSERVED THE PAST 2 HOURS. THE GEOMAGNETIC FIELD IS QUIET AT
PRESENT.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 246A.

E. MAGNETIC A-FREDERICKSBURG FOR 28 APRIL WAS 41. FOR 29 APRIL ABOUT
12. PREDICTED AP FOR 30 APRIL-2 MAY 12/8/8.

BT