

NNNNUUUV
PP KGFF
DE BOU 231715Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 240A ISSUED 1700Z 23 APRIL 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. A CLASS M, OPTICALLY IMPORTANCE 2N FLARE, OCCURRED AT
N20W51 AT 23/0311Z AND WAS ACCOMPANIED BY SMALL IONOSPHERIC
DISTURBANCES AND X-RAY PRODUCTION. THIS REGION HAS SHOWN
PLAGE FLUCTUATIONS DURING THE PAST 3 HOURS. IMPORTANCE ONE AND
TWO BSLS WERE OBSERVED AT N10 EAST LIMB AT 23/1537Z AND 23/1609Z
RESPECTIVELY. A H-TYPE SPOT IS CURRENTLY LOCATED AT N09E87.
THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE EXPECTED TO CONTINUE FROM THE ACTIVE
CENTER AT N20W58. ACTIVITY SHOULD BE INCREASING AS THE NE LIMB
REGION APPEARS ON THE VISIBLE DISK.

FORECASTS FOR 24-26 APRIL 1969

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 80/80/80

CLASS X 20/15/15

PROTON EVENTS 20/15/15

D. OTTAWA 70.7 CM FLUX TODAY IS 142. PREDICTED 148/152/158.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 3. 24 HOUR KP FORECAST
PER KP 15.3; 3/3/3/3/2/2/2/2.

SOLTERWARN

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NNNNUUUV
PP KGFF
DE BOU 232300Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 240B ISSUED 2300Z 23 APRIL 1969
12 HOUR FORECAST CLASS M FLARES ARE EXPECTED DURING THE NEXT 18
HOURS.

A. SUBFLARE ACTIVITY, CLASS C EVENTS, HAVE BEEN OBSERVED AT A MOD-
ERATE RATE DURING THE PAST 6 HOURS WITH THE MAJORITY OF THE FLARES
COMING FROM THE REGIONS LOCATED AT 510 W47 AND N22W63. THIS LATTER
REGION APPEARS TO BE LOSING SOME OF ITS SPOTS. THE PLAGE REMAINS
BRIGHT AND COMPACT AT N08E65.

B. PARTS B,C,D, AND F REMAIN UNCHANGED FROM SDF 240A

E. MAGNETIC A-FREDERICKSBURG FOR 22 APRIL WAS 12. FOR 23 APRIL ABOUT
08. PREDICTED AP FOR 24-26 APRIL, 10/10/10.

SOLTERWARN

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