

NNNNUUUV
PP KGFF
DE BOU 261725Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 212A ISSUED 1700Z MARCH 26 1969

CLASS X FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. CLASS M FLARES, OPTICALLY IMPORTANCE ONE, WERE OBSERVED FROM THE REGION CURRENTLY AT N20W53 AT 26/0209Z AND 26/0530Z AND FROM THE REGION AT N19W65 AT 26/0607Z AND 26/0723Z. ADDITIONAL CLASS M FLARES WERE OBSERVED FROM THE REGION AT S17W53 (SN), N24E65 (SB) BEGINNING AT 26/1241Z AND 26/1640Z. AN ADDITIONAL CLASS M FLARE OCCURRED AT 26/0917Z, BUT NO OPTICAL SIGHTING REPORT IS AVAILABLE AT THIS TIME. THE NW REGION AT N20W53 IS AN EXAMPLE OF THE CLASSIC CIRCULAR SUNSPOT REGION ASSOCIATED IN THE PAST WITH MAJOR PROTON FLARES. THE PENUMBRA IS REMARKABLY DARK. A NEW REGION ON THE NE LIMB IS ROTATING ONTO THE DISK AT NE10-15. ACCURATE EVALUATION OF THIS REGION IS NOT POSSIBLE UNTIL SPOTS BECOME VISIBLE. THE GEOMAGNETIC FIELD IS RELATIVELY QUIET. LOW ENERGY PROTON FLUX HAS RETURNED TO BACKGROUND LEVEL.

B. CLASS X FLARES ARE EXPECTED FROM THE N20W53 REGION. CLASS M FLARES ARE EXPECTED FROM THE NE LIMB REGION, AND THE S17W53 REGION.

FORECASTS FOR MARCH 27-29

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 90/90/90

CLASS X 50/50/50

PROTON EVENTS 50/50/50

D. OTTAWA 10.7 CM FLUX TODAY IS 204. PREDICTED 200/195/190.

E. N/A.

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.

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NNNNUUUV
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DE BOU 262300Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 212B ISSUED 2300Z 26 MARCH 1969
CLASS X FLARES ARE ARE EXPECTED DURING THE NEXT 12 HOURS
A. ATTENTION IS NOW SHIFTING TO THE NE LIMB WHERE ALMOST CON-
TINUOUS SURGE ACTIVITY HAS BEEN OBSERVED AT N08-15. ALSO,
VIGOROUS CORONAL RAIN HAS BEEN OBSERVED THERE THE PAST 6 HOURS.
THIS REGION SHOULD BE WATCHED AS IT ROTATES ONTO THE VISIBLE
DISK AS IT IS THE RETURN OF AN ACTIVE PROTON REGION OF LAST
ROTATION. THE REGION AT N20W60 HAS BEEN FLUCTUATING AND CHANGING
THROUGHOUT THE DAY.
SECTIONS B, C, D, AND F REMAIN UNCHANGED FROM SDF 212A.
E. MAGNETIC A-FREDERICKSBURG FOR 25 MARCH WAS 15. FOR 26 MARCH
ABOUT 16. PREDICTED AP FOR 27-29 MARCH 20/15/10.
SOLTERWARN
BT