

PP KGFF

DE BOU 241715

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 241A ISSUED 1700Z 24 APRIL 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 6 HOURS

A. DURING THE LAST SEVERAL ROTATIONS, CARRINGTON LONGITUDES
OF 040 TO 060 AND 270 TO 290 HAVE PRODUCED MAJOR ACTIVITY.

BOTH OF THESE SYSTEMS ARE CURRENTLY ON THE VISIBLE DISK. THE
FIRST, WITH CURRENT MAJOR CENTER AT N23W72 HAS PRODUCED A CON-
SIDERABLE NUMBER OF FLARES WHICH ARE MAJOR IN AREA AND BRIGHTNESS,
BUT ARE NOT MAJOR IN X-RAY OR RADIO EMISSION AND THUS LACK
TERRESTRIAL IMPORTANCE. ANOTHER SUCH FLARE, IN ADDITION TO THOSE
REPORTED IN SDFS 239A AND 240A, WAS REPORTED BEGINNING 24/0309Z.
OPTICALLY 2B, THE FLARE WAS ONLY CLASS M ON AN ENERGY SCALE.
THE SECOND REMARKED BAND OF LONGITUDES IS DISPLAYING SPOT GROUPS
AT N09E72, N12E52 AND N10E61. THESE ARE CLASSED AS D, B AND A
GROUPS RESPECTIVELY, AND THE COMPLEX DISPLAYED MODERATE CORONAL
ACTIVITY AT EAST LIMB PASSAGE. THE FIRST OF THESE GROUPS HAS
AN INFERRED MAGNETIC DELTA CONFIGURATION. LOW ENERGY PROTONS
ARE APPROACHING QUIET LEVELS AFTER BEING CONTINUALLY ENHANCED
SINCE 30 MARCH. THE GEOMAGNETIC FIELD IS QUIET AT ALL LATITUDES
EXCEPT AT EXTREME POLAR STATIONS.

B. CLASS M FLARES ARE EXPECTED FROM THE REGION AT N23W72 DURING
WEST LIMB PASSAGE. CLASS X FLARE IS POSSIBLE BUT NOT EXPECTED.
REGION AT N09E72 IS EXPECTED TO CONTINUE CLASS M PRODUCTION.

FORECASTS FOR 25-27 APRIL 1969

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 80/80/80

CLASS X 20/20/20

PROTON EVENTS 20/20/20

D. OTTAWA 10.7 CM FLUX TODAY IS 143. PREDICTED 145/150/155.

E. N/A.

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

SOLTERWARN

BT

NNNNUV
PP KGFF
DE BOU 242300Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 241B ISSUED 2300Z 24 APRIL 1969
CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.
PARTS A,B,C,D, AND F REMAIN UNCHANGED FROM SDF 241A.
E. MAGNETIC A-FREDERICKSBURG FOR 23 APRIL WAS 05. FOR 24 APRIL
ABOUT 11. PREDICTED AP FOR 25-27 APRIL, 10/08/08.
SOLTERWARN
BT

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