

UUU
PP KGFF
DE BOU 271735Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 244A ISSUED 1700Z 27 APRIL 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. AN IMP TWO BRIGHT FLARE AT 26/2300Z IN THE REGION NEAR N10E32 WAS A LARGE CLASS M EVENT. THE FLARE WAS ACCOMPANIED BY LARGE X-RAY BURST AT 0.5 TO 5 ANGSTROMS AND A COMPLEX BURST OF 330 FLUX UNITS AT 10CM. PROTONS ARE NOT ANTICIPATED. ACTIVITY HAS BEEN AT A LOW LEVEL SINCE THIS FLARE. THE N10E32 REGION IS THE MOST IMPRESSIVE DISK FEATURE. IT CONTAINS SEVERAL DARK FILAMENTS, SOME OF WHICH HAVE SHOWN ACTIVITY, AND IS MAGNETICALLY COMPLEX. THE REGION HAS SHOWN MINOR SPOT DEVELOPMENT AND REORIENTATION DURING THE PAST 24 HOURS, BUT THE PLAGE IS CURRENTLY SCATTERED AND OF NORMAL INTENSITY. THE MAGNETIC FIELD HAS BEEN QUIET AT LOW LATITUDES, SLIGHTLY DISTURBED AT HIGH LATITUDES.

B. CLASS M FLARES ARE EXPECTED DURING THE NEXT 3 DAYS FROM THE REGIONS NEAR N12E10 AND N10E32. CLASS X FLARES ARE POSSIBLE, BUT NOT EXPECTED, FROM THE N10E32 REGION DURING THE NEXT 6 HOURS. THIS REGION SHOULD BE WATCHED CLOSELY FOR FURTHER DEVELOPMENT. A MINOR MAGNETIC DISTURBANCE IS ANTICIPATED WITHIN 12 TO 24 HOURS.

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 70/70/70

CLASS X 20/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX TODAY IS 133. PREDICTED 132/132/134.

F. KP ESTIMATED FOR 1200-1500Z WAS 01. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; 1/1/1/1/2/2/2/2.

SOLTERWARN

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THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 244B ISSUED 2300Z 27 APRIL 1969
CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 244A.
E. MAGNETIC A-FREDERICKSBURG FOR 26 APRIL WAS 06. FOR 27 APRIL
ABOUT 08. PREDICTED AP FOR 28-30 APRIL 10/10/10.
BT