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PP KGFF
DE BOU 221719Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 239A ISSUED 1700Z 22 APRIL 1969
CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS
A. THE ONLY SIGNIFICANT AFTEREFFECT OF THE IMP 3 BRIGHT FLARE
AT 21/1959Z HAS BEEN A SLIGHT DECREASE, ABOUT TWO PERCENT,
IN THE NEUTRON MONITOR COUNTING RATES. THIS FLARE APPARENTLY
HAD RELATIVELY LOW-ENERGY OUTPUT. THE REGION WHICH PRODUCED
THIS FLARE, NOW NEAR N22W44, MAINTAINS ITS STRUCTURE BUT HAS
APPARENTLY DECREASED IN POTENTIAL. THE RATE OF DEVELOPMENT OF
THE REGION NEAR N22W72 HAS DECREASED. THE REGION NEAR S10W29
HAS APPARENTLY SIMPLIFIED STRUCTURALLY. A NEW REGION WITH A
TYPE B SPOT GROUP AND A SMALL BRIGHT PLAGE IS LOCATED NEAR N09W43.
ERUPTIVE ACTIVITY NEAR NE10-16 HERALDS THE RETURN OF A REGION
WHICH WAS DECAYING QUITE RAPIDLY AT WEST LIMB PASSAGE. THE
GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED.
B. CLASS M FLARES ARE EXPECTED DURING THE NEXT 72 HOURS. AT
PRESENT THE REGION NEAR N22W44 DOES NOT APPEAR TO BE OF MAJOR
FLARE POTENTIAL. HOWEVER, THIS REGION MAY BECOME REJUVENATED
BEFORE IT COMPLETES WEST LIMB PASSAGE.

FORECASTS FOR 23-25 APRIL
C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
CLASS M OR GREATER 80/80/80

CLASS X 15/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX TODAY IS 148. PREDICTED 148/148/148.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 2. KP FORECAST FOR NEXT
24 HOURS: 2/2/2/2/2/2/2/2.

SOLTEFWARN

BT

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PP KGFF

DE BLDP 2223Z57

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER FSSA BOULDER COLO
SDF NUMBER 239B ISSUED 2300Z 22 APRIL 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL DURING THE PAST 6 HOURS.
THE REGION AT S11W35 CONTAINS A WEAK DELTA MAGNETIC CONFIGURATION.
BRIGHT SURGES HAVE BEEN OBSERVED AT N10 EAST LIMB. THE GEOMAGNETIC
FIELD IS SLIGHTLY DISTURBED.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 239A.

E. MAGNETIC A-F INDEX FOR 21 APRIL WAS 05. FOR 22 APRIL
ABOUT 18. PREDICTED AP FOR 23-25 APRIL 15/16/10.

BT