

UUU  
PP KGFF  
OF BOU 221710Z  
HERE IS THE MESSAGE FOR PERFILE

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 80/80/30

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.

SOLTERWARN

BT

NNNNHIV  
PP KCFE  
DE BLDP 222305Z  
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-FREDERICKSBURG FOR 21 APRIL WAS 05. FOR 22 APRIL  
ABOUT 18. PREDICTED AP FOR 23-25 APRIL 15/10/10.  
BT