

UUV  
PP KGFF  
DE BOU 171720Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 234A ISSUED 1700Z 17 APRIL 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. SOLAR ACTIVITY HAS DECREASED DURING THE PAST 18 HOURS WITH ONLY MINOR CLASS C SUBFLARES REPORTED. MINOR BRIGHTENINGS WERE OBSERVED IN THE NEW REGION AT S15W09. A NEW, VIGOROUS, GROWING REGION IS CURRENTLY LOCATED AT S19E19. THE ASSOCIATED SPOT STRUCTURE HAS CHANGED RAPIDLY FROM 17/1600-1700Z. ALL OTHER REGIONS ARE STABLE OR DECLINING. PROTON COUNTING RATES AT SATELLITE ALTITUDES HAVE STRATED TO DECREASE IN THE 3 TO 20 MEV RANGE. THE GEOMAGNETIC FIELD IS DISTURBED.

B. CLASS M FLARES ARE EXPECTED AS FILAMENTS ARE STILL ACTIVE IN THE NORTH CENTRAL REGIONS. A GEOMAGNETIC DISTURBANCE IS EXPECTED 24-36 HOURS FROM NOW.

FORECASTS FOR APRIL 18-20

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 157. PREDICTED 155/150/145.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 3. KP FORECAST FOR THE NEXT 24 HOURS PER KP 15.3; 3-3-3-3-2-2-2-2.

BT

NNNN

UUU  
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DE BOU 172300Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 234B ISSUED 2300Z 17 APRIL 1969  
CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS  
A. CLASS C SUBFLARES CONTINUE AT A LOW LEVEL. THE RAPIDLY  
GROWING REGION AT S19E19 HAS SLOWED DOWN THE PAST 6 HOURS,  
BUT CONTINUED GROWTH IS EXPECTED. THE GEOMAGNETIC FIELD IS  
DISTURBED AND IS EXPECTED TO BECOME MORE DISTURBED 24-48 HOURS  
FROM NOW.  
PARTS B, C, D, AND F REMAIN UNCHANGED FROM SDF 234A.  
E. MAGNETIC A-FREDERICKSBURG FOR 16 APR WAS 11. FOR 17 APR  
ABOUT 17. PREDICTED AP FOR 18-20 APR 35/15/10.  
SOLTERWARN  
BT