

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

UUV
PP KGFF
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