

NNNNUUUV

HAUS BOU 011740L

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 248A ISSUED 1700Z 1 MAY 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 6 HOURS.

A. OPTICAL ACTIVITY HAS BEEN MINIMAL SINCE SDF 247B. THE REGION CURRENTLY AT N08W19 CONTINUES TO DEVELOP, AND ITS MAGNETIC CONFIGURATION MAY NOW INCLUDE A DELTA IN THE SPOT GROWTH REPORTED YESTERDAY. FLARE ACTIVITY HAS BEEN MINOR. A NEW REGION IS ROTATING ONTO THE DISK AT S11E81, BUT SURGES AND CORONAL RAIN INDICATE MORE TO COME. THIS REGION IS VERY BRIGHT ON THE 9.1 CM RADIO MAP, AND IS THOUGHT TO BE THE SOURCE OF THE MANY DEKAMETRIC RADIO EVENTS OBSERVED IN THE LAST SEVERAL DAYS, AS FOR INSTANCE BEGINNING 01/0005Z SLIGHT ENHANCEMENT OF PROTON FLUXES AT SATELLITE HEIGHTS HAS BEEN REPORTED IN THE LAST 12 HOURS. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE EXPECTED FROM THE N08W19 REGION. CLASS M FLARES ARE EXPECTED FROM S11E81, AND THIS REGION MAY POSE THREAT OF CLASS X EVENTS IN FUTURE. THIS REGION IS CLOSE TO THE LOCATION OF THE LATE OCTOBER PROTON EVENTS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING ① MAY/1700Z ENDING 4 MAY/1700Z.

CLASS M OR GREATER 80/80/80

CLASS X 15/20/20

PROTON EVENTS 15/20/20

D. OTTAWA 10.7 CM FLUX TODAY IS 123. PREDICTED 125/125/135/

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3.2/2/2/2/2/1/1/1/.

SOLTERWARN

BT

NNNNUV
PP KGFF
DE BOU 012305Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 248B ISSUED 2300Z 01 MAY 1969
CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS
A. FREQUENT SMALL SURGES HAVE BEEN OBSERVED AT NW14. PLAGE
FLUCTUATIONS CONTINUE AT N08W23 AND S11E77. MORE PLAGE HAS
FILLED IN AROUND THE MAIN SPOTS AT N08W23. A NEW A-TYPE SPOT
GROUP IS AT N06W47. SUBFLARE , CLASS C, ACTIVITY REMAINS AT
A LOW LEVEL.

PARTS B,D, AND F REMAIN UNCHANGED FROM SDF 248A
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 01/2300Z ENDING 04/2300Z.

CLASS M OR GREATER 80/80/80

CLASS X 15/20/20

PROTON EVENTS 15/20/20

E. MAGNETIC A-FREDERICKSBURG FOR 30 APRIL WAS 20. FOR 01 MAY
ABOUT 10. PREDICTED AP FOR 02-04 MAY, 10/08/08.

SOLTERWARN

BT

NNNNV