

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 080A ISSUED 1700Z NOVEMBER 14 1968
ONLY MINOR FLARES ARE EXPECTED IN THE NEXT 12 HOURS.

A. THE REGION AT N18W40 PRODUCED AN IMPORTANCE ONE NORMAL FLARE BEGINNING 13/1714Z YESTERDAY. ASIDE FROM THAT, THE ACTIVITY OF THE REGION HAS BEEN CONFINED TO SUBFLARES. THE NORTHEAST REGIONS APPEAR MORE ACTIVE. A SUBNORMAL FLARE AT N17E87 BEGINNING 13/2110Z PRODUCED MODERATE CENTIMETRIC RADIO EMISSION AND XRAYS. SINCE THIS REGION HAD PRODUCED AN IMPORTANCE ONE BRIGHT FLARE ONLY SEVEN HOURS EARLIER, IT APPEARS THAT THIS REGION IS THE MOST ACTIVE ONE CURRENTLY ON THE DISK. FOR THE LAST TWENTY HOURS, OPTICAL OBSERVATIONS AT MOST OBSERVATORIES HAVE BEEN HAMPERED BY UNSEASONABLE WEATHER. THUS LITTLE ACTIVITY HAS BEEN REPORTED, ALTHOUGH RADIO OBSERVATIONS HAVE SHOWN ONLY SLIGHT ACTIVITY. THE GEOMAGNETIC FIELD IS VERY QUIET AT ALL LATITUDES.

B. THE REGION AT N19W40 POSES A REMOTE THREAT OF MAJOR ACTIVITY. THE REGION AT N17E80 APPEARS AS A MORE ACTIVE THREAT, BUT CANNOT BE ASSESSED ADEQUATELY UNTIL GOOD MAGNETIC AND OPTICAL OBSERVATIONS ARE AVAILABLE.

FORECASTS FOR NOVEMBER 15-17

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 10/15/15
IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX TODAY IS 128. PREDICTED 130/132/135.

BT

NNNNUUUV

PP KGFF

DE BOU 142305Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 080B ISSUED 2300Z 14 NOVEMBER 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. A SUBNORMAL FLARE AT N16E72 BEGINNING 14/2036Z GAVE MODERATE
XRAY EMISSION, AS JUDGED FROM IONOSPHERIC EFFECTS. ASIDE FROM
THIS, LITTLE ACTIVITY HAS BEEN REPORTED, AS UNREASONABLE WEATHER
CONTINUES TO HAMPER PATROL ACTIVITY. THE MAGNET FIELD REMAINS
QUIET.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 080A.

E. MAGNETIC A-FREDERICKSBURG FOR 13 NOV WAS 04. FOR 14 NOV
ABOUT 04. PREDICTED AP FOR 15-17 NOV 6-8/6-8/6-8.

SOLTERWARN

BT