

NNNNUV
PP KGFF
DE BOU 111715Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 077A ISSUED 1700Z NOVEMBER 11 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. THE REGION AT N17E01 APPEARS TO HAVE REACHED, AND POSSIBLY
PASSED, MAXIMUM SPOT AREA. THE REGIONS PRODUCTION IN THE LAST
12 HOURS HAS BEEN LIMITED TO SUBFLARES. SUBFLARES AT 11/1441Z
AND 11/1626Z HAD DEKAMETRIC TYPE THREE BURST GROUPS, INDICATING
A TENDENCY TOWARD EXPLOSIVE DEVELOPMENT. THE REGION AT S10E50
HAS PRODUCED TWO SUBFLARES, AND THE REGION AT S22W60 HAS
PRODUCED ONE. CORONAL TEMPERATURES INFERRED FROM METER-WAVELENGTH
RADIO MEASUREMENTS SEEM MODERATELY ENHANCED. THE GEOMAGNETIC
FIELD REMAINS SLIGHTLY DISTURBED AT HIGH LATITUDES.

B. THE REGION AT N17E01 SEEMS TO BE THE ONLY REGION ON THE
DISK WITH POTENTIAL FOR MAJOR FLARES. SINCE ITS DEVELOPMENT
APPEARS TO HAVE CRESTED, MAJOR FLARES APPEAR POSSIBLE BUT NOT
LIKELY.

FORECASTS FOR NOVEMBER 12-14

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

D. OTTAWA 10.7 CM FLUX TODAY IS 134. PREDICTED 143/145/145.

BT

UVV
PP KGFF
DE BOU 112305Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 077B ISSUED 2300Z NOV 11 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. THE REGION AT N17W02 HAS PRODUCED NUMEROUS SUBFLARES DURING THE
LAST SIX HOURS. MANY HAVE BEEN ACCCOMPANIED BY MINOR RADIO BURSTS
AND SMALL IONOSPHERIC EFFECTS. ALL OTHER REGIONS HAVE BEEN QUIESCENT.
SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 077A.

E. MAGNETIC A-FREDERICKSBURG FOR 10 NOV WAS 09. FOR 11 NOV ABOUT 13.
PREDICTED AP FOR 12-14 NOV 10-15/10-15/8-10.

BT

NNNNV