

NNNUV
PP KGFF
DE BOU 021730Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 068A ISSUED 1700Z 02 NOVEMBER 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. AN IMPORTANCE 2B FLARE WAS OBSERVED AT W15W66 BEGINNING
0941Z. CONSIDERABLE RADIO FLUX AND XRAY EMISSION RESULTED.
THE FLARE IS SUSPECTED OF BEING ANOTHER PROTON EVENT CMMA SINCE
PIONEER AND OGO SATELLITE DATA INDICATED INCREASED PROTON DENSITIES
AND HIGH LATITUDE RIOMETERS CONFIRM THIS IMPRESSION. THE
DYNAMICS ARE OBSCURED SOMEWHAT IN PROTON PRECIPITATION RESULTING
FROM CONTINUATION OF THE EARLIER PCA. MAGNETIC ACTIVITY HAS
SUBSIDED SOMEWHAT CMMA ALTHOUGH THE STORM DOES NOT APPEAR OVER.
AURORA WAS OBSERVED AT MAGNETIC LATITUDES AS LOW AS 55 DEGREES
DURING THE NIGHT. MINOR FLARE ACTIVITY HAS ALSO BEEN OBSERVED
FROM A NEW REGION AT N13E30.

B. THE REGION AT S17W70 IS STILL CAPABLE OF PRODUCING MAJOR
FLARES AND ADDITIONAL PROTONS IN THE NEXT 24 HOURS.

FORECASTS FOR 03-05 NOVEMBER

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 50/20/20
IMPORTANCE THREE OR GREATER 10/5/5
PROTON EVENTS 80/60/40

D. OTTAWA 10.7 CM FLUX TODAY 155. PREDICTED 150/145/140.
SOLTERWARN
BT

UUU
PP KGFF
DE BOU 022300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 068B ISSUED 2300Z 02 NOV 1968
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 068A.
E. MAGNETIC A-FREDERICKSBURG FOR NOV 1 WAS 101. FOR NOV 2 ABOUT 43.
PREDICTED AP FOR NOV 3-5 25-30/20-25/10-15
BT