

NNNUV
PP KGFF
DE BOU 301750Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 065A ISSUED 1700Z OCTOBER 30 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. THE SERIES OF SOLAR EVENTS DESCRIBED IN 064A IS SUGGESTIVE
OF A TYPE OF FLARES WITH MULTIPLE BRIGHTENINGS AND ASSOCIATED
NOISE STORMS AT METER WAVELENGTHS AS SEEN DURING CYCLES 18 AND
19. THESE EVENTS HAVE BEEN ASSOCIATED IN THE PAST WITH MAJOR
MAGNETIC STORMS. NO PROTONS WERE OBSERVED AS A RESULT OF
YESTERDAYS ACTIVITY, ALTHOUGH SATELLITE DATA INDICATED SMALL
ENHANCEMENT OF GREATER THAN 13 MEV PARTICLES. DATA FROM HIGH-
LATITUDE SENSORS INDICATED NO PROTON PRECIPITATION, SINCE
OBSERVED MODERATE RIOMETER ABSORPTION APPEARS LINKED TO MAGNETIC
ACTIVITY. A NUMBER OF SMALL FLARES HAVE BEEN REPORTED FROM THE
S14W26 REGION DURING THE PAST 12 HOURS. ALL OTHER REGIONS APPEAR
QUIET AT PRESENT. THE MAGNETIC DISTURBANCE WHICH COMMENCED AT
29/0900Z ENDED AT 29/2200Z. AN EIGHT PERCENT FORBUSH DECREASE
CONTINUES.

B. THE REGION AT S14W26 MAINTAINS ITS POTENTIAL FOR PRODUCTION
OF MAJOR FLARES AND POSSIBLE PROTONS. FURTHER MAGNETIC ACTIVITY
IS EXPECTED AS DISCUSSED ABOVE.

FORECASTS FOR OCTOBER 31-NOVEMBER 02

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

MAJOR SOLAR EVENTS 70/60/60

IMPORTANCE TWO OR GREATER 50/45/40

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY IS 173. PREDICTED 175/170/160.

BT

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DE BOU 302300Z

HERE IS THE MESSAGE FOR REFILE

VFROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 065B ISSUED 2300Z 30 OCTOBER 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

SECTIONS A B AND C REMAIN UNCHANGED FROM SDF 065A.

FORECASTS FOR 31 OCT-02 NOV

D. OTTAWA 10.7 CM FLUX FOR 2000Z WAS 158. PREDICTED 155/150/150.

E. MAGNETIC A-FREDERICKSBURG FOR 29 OCT WAS 31. FOR 30 OCT

ABOUT 12. PREDICTED 10-15/20-30/15-25.

SOLTERWARN

BT