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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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PP KGFF

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