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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 105 ISSUED 2200Z 14 APR 1972

A. SOLAR ACTIVITY HAD BEEN LOW UNTIL THE OCCURRENCE OF A PROBABLE LOW CLASS M EVENT AT 14/2000Z. SMALL MICROWAVE BURSTS, DEKAMETRIC TYPE III BURST AND MINOR SID ACCOMPANIED THE EVENT. NO OPTICAL DATA DUE TO WEATHER. NEW SUNSPOT GROWTH IN REGION 133 /S07W30/ HAS INCREASED MAGNETIC GRADIENTS WITH THE POSSIBILITY NOW OF MIXED POLARITIES FOR THIS REGION. BSLS NEAR NE19, SE10 AND SE19 INDICATE NEW REGIONS NEARING EAST LIMB. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. PROBABILITIES FOR ENERGETIC EVENTS INCREASED DUE TO GROWTH IN REGION 133 AND NEW REGIONS APPROACHING EAST LIMB. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 APR/0000Z ENDING 17 APR/2400Z. CLASS M OR GREATER 40/50/50

CLASS X 01/01/02

PROTON EVENTS 01/02/05

D. OTTAWA 10.7 CM FLUXES FOR 14/1400Z, 14/1700Z AND 14/2000Z WERE 126, 124 AND 124 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 15-17 APR IS 128/130/133.

E. MAGNETIC A-FREDERICKSBURG FOR 13 APR WAS 09. FOR 14 APR ABOUT 08. PREDICTED AP FOR 15-17 APR, 07/05/03.

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