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HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 299 ISSUED 2200Z 26 OCT 1971

ONLY NON-ENERGETIC FLARES EXPECTED.

A. ONLY ISOLATED CLASS C FLARES HAVE OCCURRED DURING THE PAST 24 HOURS. REGION 306 /N09W67/ CONTINUES SIMPLIFICATION WITH A SMALL MAGNETIC ANOMALY STILL EXISTING ON THE NORTHEAST CORNER OF THE LARGE LEADER. REGION 313 /N12E13/ IS REORIENTATING ITS SUNSPOT STRUCTURE INTO A MORE NORMAL E-W ALIGNMENT. A SMALL KINK STILL EXISTS IN THE NEUTRAL LINE. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET.

B. THE SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. STRONG EMERGENCE OF NEW MAGNETIC FIELDS WOULD BE REQUIRED TO CHANGE THE CURRENT LOW LEVEL OF ACTIVITY. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET FOR APPROXIMATELY 24 HOURS AND THEN BECOME MODERATELY UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 OCT/0000Z ENDING 29 OCT/2400Z.

CLASS M OR GREATER 30/30/30

CLASS X 05/02/02

PROTON EVENTS 10/08/05

D. OTTAWA 10.7 CM FLUXES FOR 26/1400Z, 26/1700Z AND 26/2000Z WERE 122, 121 AND 122 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 27-29 OCT IS 120/115/114.

E. MAGNETIC A-FREDERICKSBURG FOR 25 OCT WAS 05. FOR 26 OCT ABOUT 01. PREDICTED AP FOR 27-29 OCT, 04/11/11.

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