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HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 302 ISSUED 2200Z 29 OCT 1971

MINOR FLARES EXPECTED

A. A FEW CLASS C EVENTS HAVE BEEN REPORTED, SOME WITHOUT OPTICAL COUNTERPARTS. THESE MAY HAVE COME FROM REGIONS TRANSITING WEST LIMB OR DURING PERIODS OF NO OPTICAL PATROL SINCE WEATHER IS HINDERING THE OBSERVATORIES. REGION 320 /S11E06/ HAS PROBABLY GROWN SLIGHTLY BUT IS NOT EXPECTED TO DEVELOP INTO A SIGNIFICANT REGION. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING LOCAL NIGHT TIME PERIODS SINCE LATE ON 28 OCT.

B. SOLAR ACTIVITY IS EXPECTED TO BE LOW WITH ONLY ISOLATED MINOR FLARES. A POSSIBILITY OF A WEST LIMB EVENT REMAINS. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETLED FOR THE THREE DAY FORECAST PERIOD.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 OCT/0000Z ENDING 01 NOV/2400Z.

CLASS M OR GREATER 25/20/20

CLASS X 01/01/01

PROTON EVENT 02/02/02

D. OTTAWA 10.7CM FLUXES FOR 29/1400Z 1700Z AND 2000Z WERE 107, 107 AND 105. PREDICTED 10.7CM FLUXES FOR 30 OCT-01 NOV ARE 100/99/98.

E. MAGNETIC A-FREDERICKSBURG FOR 28 OCT WAS 15. FOR 29 OCT ABOUT 13. PREDICTED AP FOR 30 OCT-01 NOV ARE 12/10/11.

SOLTERWARN

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