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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 305 ISSUED 2200Z 01 NOVEMBER 1971

ONLY CLASS C FLARES ARE LIKELY

A. DURING THE PAST 24 HOURS, ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN REPORTED. SEVERAL POINT-BRIGHTENINGS AND SUBFLARES HAVE OCCURRED IN ENHANCED PLAGE ASSOCIATED WITH A SMALL SPOT OF FOLLOWING POLARITY LOCATED TO THE WEST OF THE LARGE LEADING-POLARITY SPOT IN REGION 312 /S06W70/. SLIGHT DEVELOPMENT HAS OCCURRED IN BIPOLAR REGION 320 /S09W26/. IF DEVELOPMENT CONTINUES IN REGION 320 AND IN NEARBY BIPOLAR REGION 321 /S13W18/, PERHAPS A SIGNIFICANT INTERACTION ZONE COULD BE PRODUCED BETWEEN THE FOLLOWER OF REGION 320 AND THE LEADER OF REGION 321. OTHER REGIONS PRESENTLY ARE UNIMPRESSIVE, AND NO RECENT LIMB ACTIVITY HAS BEEN REPORTED. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY PROBABLY WILL CONTINUE AT A LOW LEVEL. ALTHOUGH DEVELOPMENT OF REGIONS 320 AND 321 COULD PRODUCE AN ACTIVE CENTER, THE PRESENT DATA SUGGEST THAT THE TWO REGIONS WILL STOP GROWING BEFORE A SIGNIFICANT ZONE OF INTERACTION IS FORMED. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN QUIET TO SLIGHTLY UNSETTLED DURING THE NEXT 72 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 NOV/0000Z ENDING 04 NOV/2400ZM

CLASS M OR GREATER 25/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 01/1400Z 1700Z AND 2000Z WERE 113, 111 AND 111. PREDICTED 10.7CM FLUXES FOR 02-04 NOV ARE 114/112/110.

E. MAGNETIC A-FREDERICKSBURG FOR 31 OCT WAS 06. FOR 01 NOV ABOUT 05. PREDICTED AP FOR 02-04 NOV ARE 08/08/06.

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