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KBOU

HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 314 ISSUED 2200Z 10 NOV 1971

CLASS M EVENTS ARE EXPECTED.

A. REGION 322 /S08W59/ IS THE ONLY DISK REGION THAT HAS FLARED, ALL NON-ENERGETIC. THE MOST SIGNIFICANT WAS A 1F AT 1626Z. THE ASSOCIATED FILAMENT DISAPPEARED DURING THE FLARE BUT RE-ESTABLISHED ITSELF BY 1900Z. OLD REGION 306 /NOW REGION 337/ IS APPROACHING EAST LIMB NEAR N08. AN M4 X-RAY EVENT AT 09/2343Z HAD AN ASSOCIATED ACTIVE PROMINENCE AT NE10. THE FOLLOWING X-RAY EVENTS HAVE OCCURRED WITH NO OPTICAL COUNTERPART AND ARE ASSUMED TO BE RELATED TO THE NE LIMB

REGION -- 10/0140Z /C1/, 10/0642Z /C6/, 10/1052Z /C5/, 10/1337Z

/C6/ AND 10/1648Z /C3/. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. PROBABILITIES HAVE BEEN INCREASED MARKEDLY DUE TO THE APPARENT REGENERATION OF OLD REGION 306 DURING ITS BACKSIDE TRANSIT. THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO

SLIGHTLY UNSETLED.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 NOV/0000Z ENDING 13 NOV/2400Z.

CLASS M OR GREATER 60/75/75

CLASS X 02/03/05

PROTON EVENT 01/01/02

D. OTTAWA 10.7 CM FLUXES FOR 10/1400Z, 1700Z AND 2000Z WERE 105, 108 AND 104. PREDICTED 10.7 CM FLUXES FOR 11-13 NOV ARE 106/112/117.

E. MAGNETIC A-FREDERICKSBURG FOR 09 NOV WAS 02. FOR 10 NOV ABOUT 04. PREDICTED AP FOR 11-13 NOV ARE 03/02/02.

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