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HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 028 ISSUED 2200Z 28 JAN 1972

A. SOLAR ACTIVITY HAS BEEN SMALL AND INFREQUENT. MINOR LIMB ACTIVITY HAS BEEN REPORTED AT SW15 WHERE REGION 15 HAS ROTATED OFF. SEVERAL MINOR NEW REGIONS HAVE APPEARED ON THE DISK AND ANOTHER IS ROTATING INTO VIEW AT NE05. NONE NOW THREATEN MAJOR ACTIVITY. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. CONTINUED MINOR FLARES EXPECTED. ANY OF A GROUP OF SMALL REGIONS IN THE SOUTHERN HEMISPHERE AROUND CENTRAL MERIDIAN PROBABLY HAS THE BEST PROSPECT FOR LONG RANGE MAJOR DEVELOPMENT. THE GEOMAGNETIC FIELD IS EXPECTED TO BE SOMEWHAT UNSETTLED.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 29 JAN/0000Z ENDING 31 JAN/2400Z.

CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVENT 05/05/03

D. OTTAWA 10.7CM FLUXES FOR 28/1400Z 1700Z AND 2000Z WERE 122, 123 AND 121. PREDICTED 10.7CM FLUXES FOR 29-31 JAN ARE 120/118/116.

E. MAGNETIC A-FREDERICKSBURG FOR 27 JAN WAS 13. FOR 28 JAN ABOUT 07. PREDICTED AP FOR 29-31 JAN ARE 06/05/06.

SOLTERWARN

SPAN

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