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KMSC

HAUS BOU 301700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 491B ISSUED 1700Z 30 DECEMBER 1969

ONLY CLASS C FLARES ANTICIPATED TODAY

A. HIGHLIGHTS FOR THE PERIOD 23-29 DECEMBER 1969--

SOLAR ACTIVITY WAS VERY LOW WITH ONLY ONE CLASS M EVENT OCCURRING AT 26/0235Z /OPTICAL IMPORTANCE 1B/ AT S22W08 /MCMATH REGION 495/. AT PRESENT, THE DISK SHOWS NUMEROUS SMALL, SIMPLE AND UNIMPRESSIVE SPOT GROUPS. THE GEOMAGNETIC FIELD HAS BEEN QUIET THROUGHOUT THE PERIOD. NO PROTON ENHANCEMENTS WERE OBSERVED BY SATELLITES OR GROUND BASED SENSORS. SINCE 491A NO SIGNIFICANT SOLAR EVENTS HAVE BEEN REPORTED.

B. DURING THE NEXT 72 HOURS, SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL WITH PERHAPS ONE CLASS M FLARE FROM THE REGIONS IN THE SW QUAD PARTICULARLY THE REGIO NOW NEAR S17W05.

FORECAST FOR THE PERIOD 02-07 JANUARY 1970--

SOLAR ACTIVITY WILL REMAIN LOW THROUGHOUT THE PERIOD.

28-DAY FORECAST FOR THE PERIOD 31 DECEMBER 1969-27 JANUARY 1970--

ACTIVITY WILL INCREASE TO A MODERATE LEVEL ON 08 JANUARY WITH THE RETURN OF THE ACTIVE CARRINGTON LONGITUDES.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 DEC/1700Z ENDING 02 JAN/1700Z.

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 160. PREDICTED 155/155/150.

E. MAGNETIC A-FREDERICKSBURG FOR 29 DEC WAS 04. FOR 30 DEC ABOUT 06. PREDICTED AP FOR 31 DEC-02 JAN 08/08/10.

SOLTERWARN

SPAN

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