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HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 228B ISSUED 2200Z 16 AUGUST 1971

ONLY CLASS C FLARES ARE EXPECTED.

A. SOLAR ACTIVITY AT A VERY LOW LEVEL. ALL SOLAR REGIONS SIMPLE MAGNETICALLY WITH NO SIGNIFICANT GROWTH IN ANY REGION. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 17 AUG/0000Z ENDING 19 AUG/2400Z.

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 16/1400Z, 16/1700Z AND 16/2000Z WERE 97, 96 AND 96 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 17-19 AUG IS 97/96/95.

E. MAGNETIC A-FREDERICKSBURG FOR 15 AUG WAS 07. FOR 16 AUG ABOUT 09. PREDICTED AP FOR 17-19 AUG, 13/07/05.

SOLTERWARN

SPAN

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HFUS BOU 160500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 228A ISSUED 0500Z 16 AUGUST 1971

OCCASIONAL CLASS C SUBFLARES EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. ONE CLASS C SUBFLARE IN REGION 220 (N21W29) OBSERVED SINCE THE 15/2200Z MESSAGE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL FOR THE NEXT 72 HOURS. UNSETTLED GEOMAGNETIC CONDITIONS ARE EXPECTED ON 16-17 AUGUST.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 16 AUG/0000Z ENDING 18 AUG/2400Z

CLASS M OR GREATER 10/10/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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