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HFUS BOU 070500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 280A ISSUED 0500Z 07 OCT 1971

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING
THE PAST SEVEN HOURS, AND NO ENERGETIC EVENTS HAVE BEEN REPORTED.
NO SIGNIFICANT CHANGE HAS BEEN OBSERVED IN ANY OF THE PRESENTLY
UNIMPRESSIVE DISK FEATURES.

A FEW SMALL SURGES HAVE BEEN OBSERVED ON THE LIMB NEAR NE13.
THE GEOMAGNETIC FIELD HAS GRADUALLY BECOME QUIET DURING THE PAST
SEVEN HOURS.

B. NO CHANGE

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 07 OCT/0000Z ENDING 09 OCT/2400Z.

CLASS M OR GREATER 35/30/30

CLASS X 02/01/01

PROTON EVENTS 05/02/02

SOLTERWARN

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KBOU

HFUS BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 280B ISSUED 2200Z 07 OCT 1971

NO SIGNIFICANT ANCTIVITY EXPECTED

A. SOLAR ACTIVITY IS AT A LOW LEVEL WITH NO SIGNIFICANT REGIONS. THE GEOMAGNETIC FIELD HAS BEEN QUIET, BECOMING UNSETTLED NEAR 07/1900Z.

B. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED FOR APPROXIMATELY THE NEXT 18-24 HOURS AND THEN BECOME STRONGLY ACTIVE FOR THE NEXT 36-48 HOURS AS EARTH PASSES THROUGH THE APPROACHING INTERPLANETARY SECTOR BOUNDARY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 OCT/0000Z ENDING 10 OCT/2400Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 07/1400Z, 07/1700Z AND 07/2000Z WERE 99, 98 AND 98 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 08-10 OCT IS 95/90/87.

E. MAGNETIC A-FREDERICKSBURG FOR 06 OCT WAS 16. FOR 07 OCT ABOUT 05. PREDICTED AP FOR 08-10 OCT IS 08/18/22.

SOLTERWARN

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