

KBOU

HAUS BOU 210500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 141A ISSUED 0500Z 21 MAY 1971

CLASS C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST SEVEN HOURS, AND NO FLARES HAVE BEEN REPORTED. DECAY IS CONTINUING IN THE REGION AT N06W52, BUT A KINK STILL EXISTS IN THE SOUTHERN PART OF THE NEUTRAL LINE. NO RECENT ACTIVITY HAS BEEN OBSERVED ON THE EAST LIMB, AND RADIO DATA AT 9.1 CM SUGGEST THAT NO DYNAMIC ACTIVE CENTERS PRESENTLY LIE CLOSE BEHIND THE EAST LIMB. THE REGION AT N13E50 CONTAINS A SMALL PLAGE REGION WITH AN EAST-WEST NEUTRAL LINE. OTHER REGIONS ARE UNIMPRESSIVE. THE GEOMAGNETIC FIELD HAS REMAINED QUIET.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 21 MAY/0000Z ENDING 23 MAY/2400Z

CLASS M OR GREATER 30/30/35

CLASS X 01/01/01

PROTON EVENTS 02/02/02

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HAUS BOU 212200

FROM SPACE ENVIRONMENTAL SERVICES CENTER BOULDER COLO

SDF NUMBER 141B ISSUED 2200Z 21 MAY 1971

OCCASIONAL CLASS C FLARES EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN MINIMAL THE PAST 24 HOURS.

CURRENTLY FOUR SMALL REGIONS DOT THE DISK AND ARE QUIET. LIMB ACTIVITY IS ALSO MINIMAL.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LOW LEVELS FOR THE NEXT THREE DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 21 MAY/0000Z ENDING 24 MAY/2400Z.

CLASS M OR GREATER 20/20/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 21/1400Z - 21/1700Z AND 21/2000Z WERE 99, 99 AND 98 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 22-24 MAY IS 93/96/94.

E. MAGNETIC A-FREDERICKSBURG FOR 20 MAY WAS 06. FOR 21 MAY ABOUT 04 PREDICTED AP FOR 22-24 MAY, 03/03/05.

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