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KBOU

HAUS BOU 250400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 115A ISSUED 0400Z 25 APRIL 1971

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. DURING THE PAST 11 HOURS SOLAR ACTIVITY HAS BEEN VERY LOW. WITH THE WEST LIMB PASSAGE OF SEVERAL REGIONS DURING THE PAST 24 HOURS THE VISIBLE DISK HAS ONLY THREE SMALL GROUPS. SLOW DEVELOPMENT HAS CONTINUED IN REGIONS S12E24 AND S13E35, BUT AT PRESENT BOTH ARE SMALL. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET.

B. NON ENERGETIC SUBFLARES CAN BE EXPECTED FROM THE THREE REGIONS ON THE VISIBLE DISK. NO NEW REGIONS ARE EXPECTED ON THE EAST LIMB. THE GEOMAGNETIC FIELD WILL BE QUIET. SHORT PERIODS OF MINOR DISTURBANCE CAN BE EXPECTED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 APRIL/0400Z ENDING 28 APRIL/0400Z

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 24/1700Z AND 24/2000Z WERE 110 AND 109 RESPECTIVELY.

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HAUS BOU 251700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 115B ISSUED 1700Z 25 APRIL 1971

MINOR FLARES ARE EXPECTED NEXT 11 HOURS.

A. NO SIGNIFICANT ACTIVITY HAS OCCURRED. THE NOMINAL BIPOLAR REGIONS AT S12E15 AND S13E25 CONTINUE TO GROW SLOWLY. A SMALL REGION HAS ROTATED INTO VIEW AT S07E76 AND MINOR SURGING INDICATES MORE SMALL REGIONS ARE COMING OVER EAST LIMB AT S05 AND S25.

B. MINOR DEVELOPMENTAL FLARES RANGING POSSIBLY TO NEAR-CLASS M INTENSITY ARE EXPECTED AT S12E15 AND S13E25.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 APR/1700Z ENDING 28 APR/1700Z.

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 25/1400Z WAS 106. PREDICTED 10.7CM FLUX FOR 26-28 APRIL IS 108/110/110.

E. MAGNETIC A-FREDERICKSBURG FOR 24 APRIL WAS 02. FOR 25 APRIL ABOUT 02. PREDICTED AP FOR 26-28 APRIL IS 03/05/08.

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