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KBOU

HAUS BOU 220500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 142A ISSUED 0500Z 22 MAY 1971

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. A FEW NON-ENERGETIC SUB-FLARES HAVE BEEN OBSERVED. THE FOUR REGIONS CURRENTLY ON THE VISIBLE DISK ARE ALL QUIET AND STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT PRESENT LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET, WITH SHORT PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 MAY/0000Z ENDING 24 MAY/2400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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HAUS BOU 222200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 142B ISSUED 2200Z 22 MAY 1971

OCCASIONAL MINOR ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

A. MINOR CHROMOSPHERIC ACTIVITY TYPICAL OF DECAYING REGIONS HAS BEEN OBSERVED AT N06W78 AND N13E23. THESE AND THE REMAINING DISK REGIONS ARE CONTINUING TO DISIPATE.

B. NO DEVELOPMENTS OF ANY IMPORTANCE ARE EXPECTED ON THE SUN. THE CURRENTLY QUIET LEVEL OF THE GEOMAGNETIC FIELD IS EXPECTED TO END SOMETIME LATE ON THE 23RD OR 24TH WITH INCREASINGLY UNSETTLED CONDITIONS PERSISTING FOR SEVERAL DAYS THEREAFTER.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 MAY/0000Z ENDING 25 MAY/2400Z.

CLASS M OR GREATER 20/20/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 22/1400Z - 22/1700Z AND 22/2000Z WERE 92, 91 AND 90 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 23-25 MAY IS 35/30/75.

E. MAGNETIC A-FREDERICKSBURG FOR 21 MAY WAS 03. FOR 22 ABOUT 02 PREDICTED AP FOR 23-25, 05/09/12.

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