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KMSC

HAUS BOU 140400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 045A ISSUED 0400Z 14 FEBRUARY 1971

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL DURING THE PAST 13 HOURS. A SMALL PLAGE HAS APPEARED AT N05E80 WHICH HAS BEEN VERY BRIGHT. THE REGION AT N16W63 HAS INCREASED IN BRIGHTNESS. THE OTHER REGIONS ARE STABLE AND QUIET. THE GEOMAGNETIC FIELD HAS BEEN EXTREMELY QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LOW LEVEL WITH CLASS C FLARES FROM REGIONS N16W63 AND N05E80. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 FEB/0400Z ENDING 17 FEB/0400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 13/1700Z AND 13/2000Z WERE BOTH 116.

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KMSC

HAUS BOU 141700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 045B ISSUED 1700Z 14 FEB 1971

ACTIVITY IS EXPECTED TO BE CONFINED TO CLASS C FLARES DURING THE NEXT 11 HOURS.

A. SCATTERED SUBFLARES HAVE BEEN THE RULE SINCE THE LAST MESSAGE AMONG THE EIGHT SMALL REGIONS CURRENTLY VISIBLE.

THE OVERALL DISK APPEARS VERY SUBDUED IN HYDROGEN LIGHT.

ONLY A SECTION OF THE NE LIMB IS ACTIVE AT THIS TIME

WITH MINOR SURGES NEAR N15.

B. LITTLE CHANGE IN THE GENERAL ACTIVITY LEVEL IS EXPECTED DURING THE THREE-DAY FORECAST PERIOD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 FEB/1700Z ENDING 17 FEB/1700Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 14/1400Z WAS 145. (BELIEVED TO BE IN ERROR.) PREDICTED 10.7 CM FLUX FOR 15-17 FEB IS 120/121/124.

E. MAGNETIC A-FREDERICKSBURG FOR 13 FEB WAS 03. FOR 14 FEB ABOUT 05. PREDICTED AP FOR 15-17 FEB , 03/03/09.

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