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HAUS BOU 190400

FROM SPACE DISTURBAFCE FORECAST CENTER BOULDER COLO

SDF NUMBER 109A ISSUED 0400Z 19 APRIL 1971

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 11 HOURS. MOST ACTIVITY HAS BEEN OBSERVED FROM REGION N20W03. SOME SPOT GROWTH AND FILAMENT STRUCTURE CHARGE HAS BEEN OBSERVED FROM REGION N20W03. THE REST OF THE DISK REGIONS HAVE BEEN QUIET AND STABLE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL WITH MOST OF THE NON-ENERGETIC ACTIVITY FROM REGION N20W03. 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 19 APRIL/0400Z ENDING 22 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 18/1700Z AND 18/2000Z WERE 140 AND 135 RESPECTIVELY.

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KBOU

HAUS BOU 191708

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 109B ISSUED 1700Z 19 APRIL 1971

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY REMAINS LOW. A NONENERGETIC 1N FLARE OCCURRED AT 19/1213Z LOCATION S20W08. AN IMPORTANCE 3 ERUPTIVE PROMINENCE OCCURRED AT 19/1050Z LOCATION SE24-28 WHICH MIGHT BE ASSOCIATED WITH A FORMER ACTIVE REGION TWO DAYS BEHIND THE EAST LIMB. THE N20W11 REGION CONTINUES TO GROW IN WHITE LIGHT AND H-ALPHA.

B. NO CHANGE.

C. FLARE AFD PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 19 APRIL/1700Z ENDING 22 APRIL/1700Z.

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 19/1400Z WAS 141. PREDICTED 10.7CM FLUX FOR 20-22 APRIL IS 138/136/134.

E. MAGNETIC A-FREDERICKSBURG FOR 18 APRIL WAS 08. FOR 19 APRIL ABOUT 05. PREDICTED AP FOR 20-22 APRIL IS 05/05/05.

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