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HAUS BOU 050400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 095A ISSUED 0400Z 05 APRIL 1971

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. DURING THE PAST 11 HOURS SOLAR ACTIVITY HAS BEEN VERY LOW. A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED. THE REGION S18W61 HAS PRODUCED ALL THE FLARES, BUT THE INTENSITY AND ACTIVITY OF THE REGION IS DECREASING. THE REST OF THE DISK IS QUIET AND INACTIVE. THE GEOMAGNETIC FIELD IS ONLY SLIGHTLY DISTURBED.

B. SOLAR ACTIVITY WILL CONTINUE AT A MODERATELY LOW LEVEL WITH CLASS C FLARES FROM REGIONS S18W61 AND N16E59. THE GEOMAGNETIC FIELD WILL BE QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 APRIL/0400Z ENDING 08 APRIL/0400Z

CLASS M OR GREATER 50/40/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 04/1700Z AND 04/2000Z WERE 108 AND 107 RESPECTIVELY.

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HAUS BOU 051700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 095B ISSUED 1700Z 05 APR 1971

FOR THE NEXT 11 HOURS ACTIVITY IS EXPECTED TO BE CHARACTERIZED BY CLASS C FLARES ONLY.

A. THE NON-ENERGETIC SUBFLARES OBSERVED SO FAR TODAY HAVE ORIGINATED PRIMARILY WITHIN THE DECAYING CENTER NEAR S18W69. THE PLAGE THERE APPEARS MORE BROKEN AND ONLY POINT BRIGHTENINGS HAVE BEEN OBSERVED IN THE EXTREME EASTERN END. MAGNETIC FIELD GRADIENTS SO IMPORTANT TWO OR THREE DAYS AGO IN THIS REGION HAVE DIMINISHED CONSIDERABLY. OTHER DISK FEATURES CURRENTLY VISIBLE ARE UNIMPRESSIVE EITHER WHITE OR HYDROGEN LIGHT. THE GEOMAGNETIC FIELD IS QUIET.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 APR/1700Z ENDING 08 APR/1700Z.

CLASS M OR GREATER 40/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 05/1400Z WAS 109. PREDICTED 10.7 CM FLUX FOR 06-08 APR IS 109/106/106.

E. MAGNETIC A-FREDERICKSBURG FOR 04 APR WAS 27. FOR 05 APR ABOUT 04. PREDICTED AP FOR 06-08 APR, 04/03/11.

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