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KBOU

HAUS BOU 260400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 116A ISSUED 0400Z 26 APRIL 1971

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. THE REGIONS ON THE DISK ARE ALL QUIET. MINOR GROWTH CONTINUES IN REGIONS S12E13 AND S13E24. MINOR EAST LIMB ACTIVITY INDICATES SEVERAL SMALL REGIONS ARE ABOUT TO APPEAR ON THE VISIBLE DISK. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 APRIL/0400Z ENDING 29 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 25/1700Z AND 25/2000Z WERE 104 AND 105 RESPECTIVELY.

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KBOU

HAUS BOU 261700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 116B ISSUED 1700Z 26 APRIL 1971

INFREQUENT, SCATTERED CLASS C FLARES SHOULD CHARACTERIZE

DISK ACTIVITY DURING THE NEXT 11 HOURS.

A. NON-ENERGETIC SUBFLARES HAVE BEEN OCCURRING AT THE RATE OF ONE EVERY TWO OR THREE HOURS MARKING A NEW LOW IN ACTIVITY FOR THE MONTH. ONLY ONE SPOT GROUP OUT OF THE FOUR CURRENTLY VISIBLE APPEARS TO BE GROWING, NAMELY THAT FEATURE NEAR NO5E17. OCCASIONAL FLARES AND POINT BRIGHTENINGS HAVE BEEN OBSERVED THERE. THE GEOMAGNETIC FIELD IS TRACING OUT QUIET-DAY CURVES ON BOTH HIGH AND LOW LATITUDE MAGNETOMETERS.

B. THE SUNSPOT MINIMUM CONDITIONS ARE EXPECTED TO CONTINUE AT LEAST THROUGH THE 72-HOUR PERIOD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 APR/1700Z ENDING 29 APR/1700Z.

CLASS M OR GREATER 30/35/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 26/1400Z WAS 103. PREDICTED 10.7CM FLUX FOR 27-29 APRIL IS 102/104/108.

E. MAGNETIC A-FREDERICKSBURG FOR 25 APR WAS 01. FOR 26 APR ABOUT 03. PREDICTED AP FOR 27-29 APRIL IS 08/07/05.

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