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KBOU

HAUS BOU 130400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 103A ISSUED 0400Z 13 APRIL 1971

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 11 HOURS HAS BEEN VERY LOW.

ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED. THE

NEW REGIONS ON THE EAST LIMB HAVE BEEN INACTIVE AND NONE

HAVE SHOWN RAPID GROWTH. THE REGION S05E22 IS THE BRIGHTEST

DISK FEATURE. THE GEOMAGNETIC DISTURBANCE HAS STOPPED AND

THE FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. THE  
REGIONS S05E22 AND N04E48 ARE THE MOST LIKELY REGIONS FOR  
ACTIVITY. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE  
24 HOUR PERIODS BEGINNING 13 APRIL/0400Z ENDING 16 APRIL/0400Z.

CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 12/1700Z AND 12/2000Z WERE BOTH  
129.

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HAUS BOU 131700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO  
SDF NUMBER 103B ISSUED 1700Z 13 APRIL 1971  
CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. CLASS C FLARE ACTIVITY HAS INCREASED THE PAST 13 HOURS.  
THE S04E12 REGION HAS BEEN THE PRIMARY CONTRIBUTOR WITH 7  
SUBFLARES. A LOW ENERGY 1F/IN FLARE WAS OBSERVED AT 1330Z  
LOCATION N21E69, THE REGION NOW APPEARS STABLE. THE N11E64  
REGION HAS MIXED POLARITY SPOTS IN THE TRAILER BUT IS PRESENTLY  
QUIET. A SMALL TYPE D SPOT GROUP HAS APPEARED AT S02E06 AND  
IS GROWING.

B. CLASS C FLARES EXPECTED FROM THE S04E12, N11E64 AND N21E60  
REGIONS DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 13 APR/1700Z ENDING 16 APR/1700Z.

CLASS M OR GREATER 40/45/50

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 13/1400Z WAS 143. PREDICTED 10.7  
CM FLUX FOR 14-16 APR IS 147/152/157.

E. MAGNETIC A-FREDERICKSBURG FOR 12 APR WAS 10. FOR 13 APR ABOUT  
05 PREDICTED AP FOR 14-16 APR, 05/05/05.

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