

HAUS BOU 300400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 120A ISSUED 0400Z 30 APRIL 1971

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

A. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. TEN CLASS C SUBFLARES HAVE BEEN OBSERVED IN THE PAST 24 HOURS. EIGHT OF THESE WERE LOCATED IN A SMALL AND APPARENTLY GROWING REGION NEAR S14E65. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET.

B. ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 APR/0400Z ENDING 03 MAY/0400Z.

CLASS M OR GREATER 10/10/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 29/1700Z AND 29/2000Z WERE BOTH 094.

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HAUS BOU 301700
FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO
SDF NUMBER 120B ISSUED 1700Z 30 APRIL 1971
OCCASIONAL MINOR CHROMOSPHERIC ACTIVITY IS EXPECTED.
A. SOLAR ACTIVITY HAS BEEN MINIMAL. THERE IS NO SIGN OF
DEVELOPMENT IN THE EXISTING DISK REGIONS. A REGION DUE TO
RETURN AT NE16 WAS DIFFUSE AT WEST LIMB PASSAGE. IT IS PROBABLY
ASSOCIATED WITH PROMINENCE ACTIVITY BEING REPORTED ON EAST
LIMB. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET
WITH ONLY ISOLATED SUBSTORM ACTIVITY INDICATED.
B. THE CURRENT LEVEL OF INACTIVITY IS EXPECTED TO PERSIST ON
THE SUN. RECURRENT GEOMAGNETIC DISTURBANCE IS EXPECTED OVER
THE NEXT 48 HOURS WITH TEMPERATE LATITUDE K VALUES REACHING
ABOUT 4.
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 30 APR/1700Z ENDING 03 MAY/1700Z.
CLASS M OR GREATER 10/10/10
CLASS X 01/01/01
PROTON EVENTS 01/01/01
D. OTTAWA 10.7 CM FLUX FOR 30/1400Z WAS 94. PREDICTED 10.7
CM FLUX FOR 01-03 MAY IS 94/94/94.
E. MAGNETIC A-FREDERICKSBURG FOR 29 APRIL WAS 12. FOR 30 APR ABOUT
12 PREDICTED AP FOR 01-03 MAY, 15/20/10.
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