

NNNN

KMSC

HAUS BOU 150400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 046A ISSUED 0400Z 15 FEBRUARY 1971

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

A. SOLAR ACTIVITY DURING THE PAST 11 HOURS HAS CONTINUED AT A LOW LEVEL. A SUBNORMAL FLARE AT 14/2321Z IN THE REGION S12E75 DID GIVE A SMALL SPA. THIS REGION HAS ALSO SHOWN SOME GROWTH AND BRIGHTNESS. THE OTHER DISK REGIONS ARE STABLE. THE GEOMAGNETIC FIELD HAD A PERIOD 14/1200-1800Z OF MINOR DISTURBANCE.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. IF THE REGION S12E75 CONTINUES TO GROW AN OCCASIONAL CLASS M FLARE IS PROBABLE. THE GEOMAGNETIC FIELD WILL HAVE PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 FEB/0400Z ENDING 18 FEB/0400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 14/1700Z AND 14/2000Z WERE BOTH 118.

SOLTERWARN

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HAUS BOU 151700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 046B ISSUED 1700Z 15 FEB 1971

NOTHING MORE ENERGETIC THAN CLASS C FLARES IS EXPECTED DURING THE NEXT 11 HOURS.

A. OVERCAST CONDITIONS PREVAIL AT A NUMBER OF OBSERVATORIES INCLUDING BOULDER. THE SHORT-PERIOD OBSERVATIONS THAT HAVE BEEN POSSIBLE SHOW A NEARLY STATIC DISK. VERY LITTLE GROWTH OR DECAY AMONG THE 8 VISIBLE GROUPS IS EVIDENT. A SLIGHT DISTURBANCE GEOMAGNETICALLY HAS BEEN IN EFFECT SINCE ABOUT 0900 UT YESTERDAY.

B. FOR THE NEXT 3 DAYS LITTLE CHANGE IN THE GENERAL ACTIVITY LEVEL IS EXPECTED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 FEB/1700Z ENDING 18 FEB/1700Z.

CLASS M OR GREATER 20/20/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 15/1400Z WAS 120. PREDICTED

10.7 CM FLUX FOR 16-18 FEB IS 124/126/127.

E. MAGNETIC A-FREDERICKSBURG FOR 14 FEB WAS 13. FOR 15 FEB ABOUT 12. PREDICTED AP FOR 16-18 FEB, 13/09/05.

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