

KMSC

HAUS BOU 090400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 009A ISSUED 0400Z 09 JANUARY 1971

CLASS C ACTIVITY IS EXPECTED AND OCCASIONAL CLASS M ACTIVITY IS PROBABLE DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL DURING THE PAST 11 HOURS. THE REGION S06E17 HAS PRODUCED ALL THE ACTIVITY DURING THE PAST ZULU DAY. THIS REGION IS QUITE LARGE BUT SIMPLE MAGNETICALLY.

LIMB ACTIVITY HAS ALSO BEEN VERY LOW. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT LOW LEVEL. CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED FROM REGION S06E17. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 JAN/0400Z ENDING 12 JAN/0400Z

CLASS M OR GREATER 55/60/60

CLASS X 02/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 08/1700Z AND 08/2000Z WERE 154 AND 157 RESPECTIVELY.

SOLTERWARN

SPAN

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NNNN0358

NNNN

HAUS BOU 091700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 009B ISSUED 1700Z 09 JAN 1971

A FEW CLASS-C FLARES AND PERHAPS ONE CLASS-M FLARE ARE ANTICIPATED DURING THE NEXT 11 HOURS.

A. ONLY A FEW CLASS-C SUBFLARES HAVE BEEN REPORTED DURING THE PAST 13 HOURS. THE MOST IMPRESSIVE DISK FEATURE, CONSISTING OF THE LARGE DORMANT REGION AT S06E08, HAS SHOWN LITTLE SIGNIFICANT CHANGE. A NEW D-TYPE REGION IS GROWING AT S10E40, AND AN H-TYPE SPOT IS PRESENT AT N22E78. A MINOR NOISE STORM IS IN PROGRESS AT 184 MHZ; THIS NOISE IS PROBABLY PRODUCED BY THE S06E08 REGION.

THE
GEOMAGNETIC FIELD HAS REMAINED UNUSUALLY QUIET DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A RELATIVELY LOW LEVEL DURING THE THREE-DAY FORECAST PERIOD. OCCASIONAL SMALL, RELATIVELY NON-ENERGETIC FLARES, MOST OF THEM ORIGINATING AT THE S06E08 REGION, ARE LIKELY. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN RELATIVELY QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 JAN/1700Z ENDING 12 JAN/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 09/1400Z WAS 158. PREDICTED 10.7 CM FLUX FOR 10-12 JAN IS 161/162/162.

E. MAGNETIC A-FREDERICKSBURG FOR 08 JAN WAS 00. FOR 09 JAN ABOUT 01 PREDICTED AP FOR 10-12 JAN, 03/04/04.

SOLTERWARN

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