

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

BT

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

SPAN

BT