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KMSC

HAUS BOU 110400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 011A ISSUED 0400Z 11 JANUARY 1971

CLASS C FLARES ARE EXPECTED AND AN OCCASIONAL CLASS M FLARE IS
PROBABLE DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 11 HOURS. ONE CLASS M
EVENT WAS OBSERVED AT 10/1728Z IN REGION S05W03. THE MAJORITY OF
ACTIVITY HAS BEEN FROM REGION S05W03, WHICH IS STILL THE LARGEST AND
MOST IMPRESSIVE DISK REGION. THE REGION S12E79 HAS ONLY A SMALL H
TYPE SPOT WITH REASONABLY BRIGHT PLAGE. THE GEOMAGNETIC FIELD HAS
BEEN RELATIVELY QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT LOW LEVEL. THE SE REGION
WILL BE BETTER EVALUATED AS IT ROTATES FURTHER ON THE DISK. AT PRESENT
ONLY MINOR ACTIVITY IS EXPECTED. THE GEOMAGNETIC FIELD WILL REMAIN
QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 11 JAN/0400Z ENDING 14 JAN/0400Z

CLASS M OR GREATER 45/50/55

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 10/1700Z AND 10/2000Z WERE 157 AND 156
RESPECTIVELY.

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HAUS BOU 111700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 011B ISSUED 1700Z 11 JAN 1971

CLASS C FLARES ARE EXPECTED CONCENTRATED WITHIN THE LARGE
SW CENTER.

A. THE PREVIOUSLY DORMANT REGION NOW CENTERED NEAR S05W20
HAS BEGUN TO DISPLAY SOME MINOR SIGNS OF ACTIVITY. SUBFLARES
ARE MORE FREQUENT AND SEVERAL POINTS WITHIN THE SCATTERED
PLAGE HAVE REPORTEDLY BEEN FLUCTUATING. (MOREOVER, THE RADIO
NOISE STORM THAT IS NO DOUBT ASSOCIATED WITH THIS GROUP IS
NOW IN ITS FOURTH DAY.) THE FIVE REMAINING DISK FEATURES
ARE AT PRESENT UNINTERESTING.

B. A ^{USE} IN AT LEAST THE BACKGROUND LEVEL OF FLARES IS
ANTICIPATED DURING THE NEXT 3 DAYS. ON 13 JAN SOME MANIFESTATION
OF LAST MONTH'S MAGNETIC DISTURBANCE IS EXPECTED. A WEAK
RESPONSE, THOUGH, IS INDICATED BY PIONEER 6.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 11 JAN/1700Z ENDING 14 JAN/1700Z.

CLASS M OR GREATER 50/55/60

CLASS X 05/07/10

PROTON EVENTS 02/02/05

D. OTTAWA 10.7 CM FLUX FOR 11/1400Z WAS 154. PREDICTED

10.7 CM FLUX FOR 12-14 JAN IS 155/151/154.

E. MAGNETIC A-FREDERICKSBURG FOR 10 JAN WAS 05. FOR 11 JAN
ABOUT 05. PREDICTED AP FOR 12-14 JAN, 07/16/18.

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