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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.

SOLTERWARN

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NNNN1710

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KMSC

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~~^{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.

SOLTERWARN

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