

NNNN0357

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KMSC

HAUS BOU 100400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 010A ISSUED 0400Z 10 JANUARY 1971

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

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. THE REGION S04E05, WHICH IS THE LARGEST AND MOST IMPRESSIVE DISK FEATURE, HAS BEEN EXTREMELY QUIET. SEVERAL CLASS C FLARES HAVE BEEN OBSERVED AT S10E90. THE GEOMAGNETIC FIELD HAS BEEN EXTREMELY QUIET.

B. THE REGION S04E05 SEEMS TO BE STABLE AND SIMPLE MAGNETICALLY BUT IS CAPABLE OF CLASS M FLARE ACTIVITY. THE REGION AT S10E90 HAS NOT BEEN SEEN ENOUGH FOR ANY ASSESSMENT. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 JAN/0400Z ENDING 13 JAN/0400Z

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 09/1700Z AND 09/2000Z WERE 161 AND 162 RESPECTIVELY.

SOLTERWARN

SPAN

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NNNN1700

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KMSC

HAUS BOU 101700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 010B ISSUED 1700Z 10 JAN 1971

CLASS C FLARES ONLY ARE EXPECTED DURING THE NEXT 11 HOURS.

A. INFREQUENT AND SCATTERED SUBFLARES HAVE CHARACTERIZED THE DISK SINCE THE LAST MESSAGE WHILE ALONG THE E LIMB CONTINUOUS SURGES HAVE BEEN IN EVIDENCE NEAR S12. AT LAST REPORT A SMALL SPOT WITH ATTENDANT BRIGHT PLAGE WAS VISIBLE THERE. GEOMAGNETIC CONDITIONS REMAIN QUIET.

B. THE SMALL REGION JUST INSIDE THE SE LIMB MAY BE THE ANTICIPATED ACTIVE CENTER FOR JANUARY SINCE IT IS NEW AND LOCATED NEAR FORMERLY ACTIVE LONGITUDES. OTHER DISK FEATURES ARE EXPECTED TO REMAIN DORMANT.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 JAN/1700Z ENDING 13 JAN/1700Z.

CLASS M OR GREATER 45/50/55

CLASS X 05/05/07

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 10/1400Z WAS 158. PREDICTED 10.7 CM FLUX FOR 11-13 JAN IS 153/151/147.

E. MAGNETIC A-FREDERICKSBURG FOR 09 JAN WAS 0. FOR 10 JAN ABOUT 01. PREDICTED AP FOR 11-13 JAN, 02/04/07.

SOLTERWARN

SPAN

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