

NNNN

KMSC

HAUS BOU 080400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 039A ISSUED 0400Z 08 FEBRUARY 1971

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL DURING THE PAST 11 HOURS. ONLY A FEW CLASS C SUBFLARES HAVE BEEN OBSERVED. A SMALL PLAGE HAS ROTATED ON THE DISK AT N13. AT PRESENT IT IS NOT VERY BRIGHT. THE REGION AT N25W55 HAS SHOWN SOME GROWTH. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. CLASS C FLARES ARE EXPECTED AND AN OCCASIONAL CLASS M FLARE IS PROBABLE DURING THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD WILL HAVE PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 FEB/0400Z ENDING 11 FEB/0400Z

CLASS M OR GREATER 70/70/70

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUXES FOR 07/1700Z AND 07/2000Z WERE 137 AND 139 RESPECTIVELY.

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HAUS BOU 081725

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 039B ISSUED 1700Z 08 FEB 1971

CLASS C FLARES ARE EXPECTED AND CLASS M FLARES POSSIBLE.

A. ONLY CLASS C FLARES HAVE BEEN OBSERVED THE PAST 13 HOURS. BSD/BSLS ACTIVITY IS OCCURRING ON AND NEAR THE NW LIMB. A NEW REGION AT N15E07 IS EMERGING AND HAS GROWN FROM A TYPE SPOTS TO A D SPOT CONFIGURATION IN THE LAST 24 HOURS. THE N25W72 REGION IS SHOWING MODEST DEVELOPMENT. THE S05W32 REGION IS DECLINING.

B. ENERGETIC FLARE PROBABILITIES WILL FALL WITH THE LIMB PASSAGE OF THE TWO NW REGIONS. THE REMAINDER OF THE DISK LOOKS DULL AND INCAPABLE OF PRODUCING ANYTHING BUT CLASS C FLARES. A MODERATELY LARGE AND COMPLEX REGION IS DUE BACK AT N19E LIMB ON 10 FEB, SO FAR THERE ARE NO SIGNS INDICATING IT IS ACTIVE. A SECTOR BOUNDARY DETERMINED FROM H-ALPHA PHOTOGRAPHS IS PASSING EARTH TODAY OR TOMORROW AND SHOULD PRODUCE ONLY MINIMAL GEOMAGNETIC ACTIVITY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 FEB/1700Z ENDING 11 FEB/1700Z.

CLASS M OR GREATER 70/70/50

CLASS X 05/05/01

PROTON EVENTS 05/05/01

D. OTTAWA 10.7 CM FLUX FOR 08/1400Z WAS 129. PREDICTED

10.7 CM FLUX FOR 09-11 FEB IS 125/130/135.

E. MAGNETIC A-FREDERICKSBURG FOR 07 FEB WAS 07. FOR 08 FEB ABOUT 08. PREDICTED AP FOR 09-11 FEB, 08/08/06.

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