

KBOU

HAUS BOU 210400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 080A ISSUED 0400Z 21 MARCH 1971

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED. THE REGION AT S14E15 HAS SHOWN MINOR GROWTH DURING THE PAST 24 HOURS. MINOR BSL ACTIVITY IS PRESENT ON THE SW LIMB WHERE A REGION IS MAKING ITS LIMB PASSAGE. THE GEOMAGNETIC FIELD HAS BECOME QUIET.

B. ONLY MINOR SOLAR ACTIVITY IS EXPECTED. THE GEOMAGNETIC FIELD WILL HAVE PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 21 MARCH/0400Z ENDING 24 MARCH/0400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 20/1700Z AND 20/2000Z WERE 109 AND 110 RESPECTIVELY.

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KBOU

HAUS BOU 211730

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 080B ISSUED 1700Z 21 MARCH 1971

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY REMAINS LOW. THE S14E07 REGION IS GROWING AND HAS THE BRIGHTEST PLAGE OF ANY REGION ON THE DISK. THE NEUTRAL LINE RUNS NORTH-SOUTH BETWEEN TWO EQUAL SIZED PLAGE PATCHES. SOME PENUMBRA SPOT GROWTH HAS OCCURRED IN THE TRAILER AND THE REGION HAS A CLASS /AREA OF ABOUT D/100. A NEW SINGLE SPOT AND ASSOCIATED PLAGE HAS BEEN OBSERVED AT N30E30. THE REST OF THE DISK IS UNCHANGED.

B. LITTLE CHANGE IS EXPECTED IN THE QUANTITY OR ENERGY LEVELS OF SOLAR FLARES. THE SE REGION IS NOT EXPECTED TO GROW INTO A MAJOR FLARE PRODUCER. SOME MINOR RECURRENT GEOMAGNETIC ACTIVITY IS EXPECTED TOWARDS THE END OF THE FORECAST PERIOD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 21 MAR/1700Z ENDING 24 MAR/1700Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 21/1400Z WAS 115. PREDICTED 10.7 CM FLUX FOR 22-24 MARCH IS 115/115/115.

E. MAGNETIC A-FREDERICKSBURG FOR 20 MAR WAS 13. FOR 21 MAR ABOUT 02. PREDICTED AP FOR 22-24 MAR, 03/05/12.

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