

KBOU

HAUS BOU 130400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 072A ISSUED 0400Z 13 MARCH 1971

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

A. ONLY ONE SUB FAINT FLARE HAS BEEN REPORTED DURING THE LAST 11 HOURS, THAT FROM THE REGION AT S08W23. THIS REGION HAS STABILIZED ITS GROWTH PATTERN. REGION AT S15E09 CONTINUES GROWTH OF INTERIOR SUNSPOT STRUCTURE WITH A SHARPLY HOOKED NEUTRAL LINE NNE OF LEADER SPOT. THE ATTENDANT PLAGE IS ASSOCIATED WITH THE TRAILER POLARITY. SLOW GROWTH CONTINUES IN THE REGION AT N08E61. A NEW REGION IS BEGINNING TO EMERGE AT S04E31.

B. DURING THE THREE-DAY FORECAST PERIOD, SOLAR ACTIVITY MAY INCREASE SHOULD THE GROWTH PATTERNS OF THE REGIONS AT S15E09 AND N08E61 CONTINUE. THE GEOMAGNETIC FIELD IS EXPECTED TO HAVE PERIODS OF SLIGHT DISTURBANCES, WITH THE LARGEST VARIATIONS OCCURRING ON 14 MARCH.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 MAR/0400Z ENDING 16 MAR/0400Z

CLASS M OR GREATER 25/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 12/1700Z AND 12/2000Z WERE 116 AND 117 RESPECTIVELY.

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KBOU

HAUS BOU 131700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 072B ISSUED 1700Z 13 MARCH 1971

ONLY A FEW CLASS C SOLAR EVENTS ARE LIKELY DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST 13 HOURS, AND ONLY A FEW CLASS C FLARES HAVE BEEN REPORTED. SLIGHT DEVELOPMENT HAS OCCURRED IN THE REGIONS AT N08E54 AND S08W30, AND MODERATELY BRIGHT PLAGE IS STILL PRESENT ABOVE THE FOLLOWING SPOTS OF THE S15E02 REGION. PLAGE FLUCTUATIONS HAVE BEEN OBSERVED NEAR ARCH - FILAMENTS IN THE REGION AT N19E24, BUT ONLY SLIGHT GROWTH HAS OCCURRED IN THAT REGION. THE GEOMAGNETIC FIELD HAS BEEN MODERATELY DISTURBED DURING THE PAST 13 HOURS DUE TO THE PASSAGE OF AN INTERPLANETARY SECTOR BOUNDARY, AND UNSETTLED CONDITIONS ARE STILL BEING OBSERVED AT THE TIME OF THIS MESSAGE.

B. DURING THE NEXT 72 HOURS, SOLAR ACTIVITY IS EXPECTED TO CONSIST OF SPORADIC CLASS C FLARES FROM SEVERAL OF THE DEVELOPING REGIONS ON THE DISK. THE GEOMAGNETIC FIELD PROBABLY WILL STABILIZE GRADUALLY DURING THE NEXT 48 HOURS, BUT SOME SHORT PERIODS OF MODERATE DISTURBANCE ARE LIKELY DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 MAR/1700Z ENDING 16 MAR/1700Z.

CLASS M OR GREATER 25/25/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 13/1400Z WAS 115. PREDICTED 10.7 CM FLUX FOR 14-16 MAR IS 119/121/123.

E. MAGNETIC A-FREDERICKSBURG FOR 12 MAR WAS 12. FOR 13 MAR ABOUT 16 PREDICTED AP FOR 14-16 MAR, 13/10/10.

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