

NNNN

KMSC

HAUS BOU 040400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 063A ISSUED 0400Z 04 MARCH 1971

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

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 11 HOURS. A CLASS C8 X-RAY BURST ACCCOMPANIED SURGES OBSERVED AT SW18 AT 03/2110Z. MINOR DEVELOPMENT HAS OCCURED IN THE SMALL REGIONS AT N08W41 AND S14W26, BUT OTHER REGIONS HAVE SHOWN LITTLE CHANGE. RELATIVELY QUIET GEOMAGNETIC CONDITIONS WERE OBSERVED UNTIL ABOUT 03/2300Z, WHEN THE FIELD BECAME SLIGHTLY DISTURBED. UNSETTLED GEOMAGNETIC CONDITIONS STILL EXIST AT THE TIME OF THIS MESSAGE.

B. DURING THE THREE-DAY FORECAST PERIOD, THE PRESENT LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE. CLASS C FLARES CONSTITUTE THE MOST ENERGETIC ACTIVITY LIKELY DURING THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN TEMPORARILY DISTURBED, BUT QUIET CONDITIONS PROBABLY WILL RETURN WITHIN 12 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 MAR/0400Z ENDING 07 MAR/0400Z.

CLASS M OR GREATER 20/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 03/1700Z AND 03/2000Z WERE 124 AND 122 RESPECTIVELY.

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HAUS BOU 041700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 063B ISSUED 1700Z 04 MARCH 1971

ONLY CLASS C SUBFLARE ACTIVITY IS EXPECTED DURING THE NEXT 11 HOURS.

A. THE SOLAR DISK REMAINS RELATIVELY QUIET AND UNIMPRESSIVE. TWO SUBFLARES AND ONE IMPORTANCE ONE NORMAL FLARE HAVE BEEN OBSERVED SINCE OUR 0400Z MESSAGE. THE IMP 1N FLARE AT 04/1508Z IN THE REGION NEAR S11E42 PRODUCED NO GEOPHYSICAL RESPONSE. EIGHT SMALL SPOT GROUPS ARE SCATTERED ACROSS THE DISK. THE ONLY SIGNIFICANT CHANGE IN THE LAST 24 HOURS HAS BEEN THE EMERGENCE OF TWO SMALL SPOTS OF FOLLOWING POLARITY ABOUT TWO DEGREES WEST OF AN OLD DECAYING LEADER SPOT NEAR N08W52. THE GEOMAGNETIC FIELD IS QUIET.

B. ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL FOR THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 MAR/1700Z ENDING 07 MAR/1700Z.

CLASS M OR GREATER 20/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 04/1400Z WAS 117. PREDICTED 10.7 CM FLUX FOR 05-07 MARCH IS 115/115/115.

E. MAGNETIC A-FREDERICKSBURG FOR 03 MARCH WAS 08. FOR 04 MAR ABOUT 13 PREDICTED AP FOR 05-07 MAR, 07/06/06.

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