

NNNN

KMSC

HAUS BOU 020400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 061A ISSUED 0400Z 02 MARCH 1971

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

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. A NEW BIPOLAR REGION IS DEVELOPING AT S14W02 WHICH CONTAINS A B TYPE SPOT GROUP. THE OTHER REGIONS ON THE DISK ARE ALL STABLE AND QUIET. THE GEO-MAGNETIC FIELD IS QUIET.

B. ACTIVITY WILL CONTINUE AT A LOW LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 MAR/0400Z ENDING 05 MAR/0400Z

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 01/1700Z AND 01/2000Z WERE 132 AND 131 RESPECTIVELY.

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HAUS BOU 021715

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 061B ISSUED 1700Z 2 MAR 1971

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. TWO SUBFLARES HAVE OCCURRED SINCE OUR LAST MESSAGE. SMALL REGIONS DOT THE SOLAR DISK NONE OF WHICH HAVE ANY COMPLEXITY IN THEIR STRUCTURE. THE S12E64 AND S13W10 REGIONS APPEAR MOST INTERESTING ON A OVERALL DULL SUN. THE GEOMAGNETIC FIELD IS QUIET.

B. THE S13W10 REGION WITH ITS ARCH FILAMENTS IS EXPECTED TO CONTINUE DEVELOPING AND COULD POSSIBLY CONTRIBUTE SOME FLARE ACTIVITY IN A DAY OR TWO. THE S12E64 REGION WITH ITS EAST-WEST NEUTRAL LINE ALSO NEEDS FURTHER DEVELOPMENT TO PRODUCE CLASS M TYPE FLARES.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 MAR/1700Z ENDING 05 MAR/1700Z.

CLASS M OR GREATER 15/20/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 02/1400Z WAS 129. PREDICTED 10.7 CM FLUX FOR 3-5 MAR IS 125/120/150.

E. MAGNETIC A-FREDERICKSBURG FOR 1 MAR WAS 04. FOR 2 MAR ABOUT 04 PREDICTED AP FOR 3-5 MAR, 08/06/04.

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