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KMSC

HAUS BOU 030400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 062A ISSUED 0400Z 03 MARCH 1971

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

A. DURING THE PAST 11 HOURS, VERY LITTLE SOLAR ACTIVITY HAS BEEN REPORTED. SEVERAL NON-ENERGETIC LIMB EVENTS WERE OBSERVED NEAR SW16, AND A SUB-FAINT FLARE OCCURRED AT S17W88 AT 02/1729Z. DEVELOPMENT IS IN PROGRESS IN THE REGIONS AT S12E61 AND S04W14, BUT NEITHER OF THESE SMALL ACTIVE CENTERS HAS EVOLVED SUFFICIENTLY TO PRODUCE ENERGETIC ACTIVITY. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST 11 HOURS.

B. THE PRESENT LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE DURING THE THREE-DAY FORECAST PERIOD. SPORADIC CLASS C FLARES ARE EXPECTED, BUT ENERGETIC ACTIVITY IS UNLIKELY. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN QUIET DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 MAR/0400Z ENDING 06 MAR/0400Z

CLASS M OR GREATER 20/20/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 02/2000Z WERE 123 AND 126 RESPECTIVELY.

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KMSC HAUS BOU 031720

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 062B ISSUED 1700Z 3 MAR 1971

INFREQUENT CLASS C FLARES SHOULD MARK AN UPPER LIMIT ON ACTIVITY DURING THE NEXT 11 HOURS.

A. FLARE ACTIVITY CONTINUES AT THE SUBFLARE LEVEL WITH CLASS C ENERGETICS. THE MOST ACTIVE REGION OF THE NINE SMALL DISK FEATURES VISIBLE IS A PLAGE NEAR S14W20. A NEW SPOT GROUP HAS ROTATED INTO VIEW ALONG THE NE LIMB (N12); ITS ASSOCIATED HYDROGEN PLAGE IS NOT BRIGHT. OPTICALLY ANY MORPHOLOGICAL CHANGES ACROSS THE DISK HAVE BEEN SLIGHT. BOTH HIGH AND LOW LATITUDE MAGNETIC TRACES ARE REGISTERING NEAR QUIET DAY VALUES.

B. REMAINS UNCHANGED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 MAR/1700Z ENDING 06 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 03/1400Z WAS 125. PREDICTED 10.7 CM FLUX FOR 04-06 MAR IS 120/115/115.

E. MAGNETIC A-FREDERICKSBURG FOR 02 MAR WAS 03. FOR 03 MAR ABOUT 04 PREDICTED AP FOR 04-06 MAR, 08/06/04.

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