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KMSC

HAUS BOU 310400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 704A ISSUED 0400Z 31 JUL 1970

NOTHING MORE ENERGETIC THAN CLASS-C FLARES IS EXPECTED DURING THE NEXT 13 HOURS.

A. CLASS-C FLARE ACTIVITY HAS BEEN CONFINED PRIMARILY TO THE WEST LIMB THIS PAST GREENWICH DAY. ABOUT A DOZEN REGIONS ARE CURRENTLY VISIBLE, HOWEVER, THEIR ASSOCIATED HYDROGEN PLAGES ARE SMALL, NOT BRIGHT, AND IN MANY CASES REMOVED FROM THE PROMINENT SPOTS. LITTLE SIGNIFICANT STRUCTURAL CHANGES HAVE BEEN NOTED SINCE THE LAST MESSAGE.

B. THE SOMEWHAT REMOTE POSSIBILITY OF WEST LIMB EVENT STILL EXISTS- AT LEAST FOR THE REMAINDER OF THE DAY. ONLY A BACKGROUND LEVEL OF NON-ENERGETIC FLARES IS ANTICIPATED ACROSS THE DISK. QUIET CONDITIONS SHOULD PREVAIL GEOMAGNETICALLY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOURS PERIODS BEGINNING 31 JULY/0400Z ENDING 02 AUG/0400Z.

CLASS M OR GREATER 65/35/30

CLASS X 10/05/02

PROTON EVENTS 10/05/02

OTTAWA 10.7 CM FLUXES FOR 30/1700Z AND 30/2000Z WERE 151 AND 148 RESPECTIVELY.

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HAUS BOU 311700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 704B ISSUED 1700Z 31 JULY 1970

ONLY CLASS-C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 13 HOURS HAS BEEN RELATIVELY NON-ENERGETIC, AND ONLY INFREQUENT CLASS-C FLARES HAVE BEEN REPORTED. APPARENTLY NO SIGNIFICANT ACTIVITY WAS PRODUCED BY THE REGIONS THAT CROSSED THE WEST LIMB NEAR NW10 YESTERDAY. LITTLE APPRECIABLE CHANGE HAS BEEN NOTED IN THE PRESENT DISK REGIONS. THE GEOMAGNETIC FIELD HAS SHOWN PERIODS OF DISTURBANCE DURING THE PAST 24 HOURS.

B. ONLY MINOR, RELATIVELY NON-ENERGETIC SOLAR ACTIVITY IS ANTICIPATED DURING THE 72-HOUR FORECAST PERIOD; UNLESS UNEXPECTED DEVELOPMENT OF EXISTING OR NEW REGIONS OCCURS, SOLAR ACTIVITY IS LIKELY TO REMAIN RELATIVELY LOW. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN SOMEWHAT DISTURBED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 31 JULY/1700Z ENDING 03 AUG/1700Z.

CLASS M OR GREATER 45/40/35

CLASS X 05/02/02

PROTON EVENTS 05/02/02

D. OTTAWA 10.7 CM FLUX FOR 31/1400Z WAS 141.

PREDICTED 10.7 CM FLUX FOR 01-03 AUG IS 133/126/121.

E. MAGNETIC A-FREDERICKSBURG FOR 30 JULY WAS 08. FOR 31 JULY ABOUT 14 PREDICTED AP FOR 01-03 AUG, 12/10/10.

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