

NNNN0400

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KMSC

HAUS BOU 300400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 703A ISSUED 0400Z 30 JULY 1970

CLASS C FLARES EXPECTED DURING THE NEXT 13 HOURS.

A. MODERATE CLASS C ACTIVITY HAS OCCURRED IN THE PAST 24 HOURS FROM THE N06W09, S08E16, N07W78, AND N13W73 REGIONS. THE N06W09 REGION AREA IS PRESENTLY 540 MILLIONTHS OF THE DISK AND THE REGION IS SIMPLIFYING. THE S08E16 REGION HAS GROWN AND CONTAINS A POSSIBLE DELTA CONFIGURATION. AN IMPORTANCE 2 ERUPTIVE PROMINENCE AND A IF FLARE OCCURRED AT 29/2345Z THESE EVENTS WERE ASSOCIATED WITH THE NW REGIONS CLOSE TO THE LIMB. THE GEOMAGNETIC HAS SHOWN A SETTLING DOWN TREND THE PAST 6 HOURS.

B. CLASS C FLARES WITH ONE OR TWO CLASS M FLARES ARE EXPECTED IN THE NEXT THREE DAYS. PROBABILITIES ARE INCREASED CONSERVATIVELY FOR M AND X FLARES AS THE NW REGIONS PASS BY THE LIMB. THE GEOMAGNETIC FIELD IS EXPECTED TO BE SLIGHTLY UNSETTLED THE NEXT 36 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 JULY/0400Z ENDING 2 AUGUST/0400Z.

CLASS M OR GREATER 70/75/80

CLASS X 05/10/15

PROTON EVENTS 05/10/15

D. OTTAWA 10.7 CM FLUXES FOR 29/1700Z AND 29/2000Z WERE 156 AND 157 RESPECTIVELY.

SOLTERWARN

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KMSC

HAUS BOU 301700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 703B ISSUED 1700Z 30 JULY 1970

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

A. SOLAR ACTIVITY HAS REMAINED RELATIVELY LOW DURING THE PAST 13 HOURS; ONLY CLASS-C FLARES HAVE BEEN REPORTED. NONE OF THE PRESENT DISK REGIONS HAS SHOWN SIGNIFICANT DEVELOPMENT. THE DECAYING REGIONS NOW LEAVING THE DISK AT NW08 AND NW12 HAVE SHOWN LITTLE SIGN OF REJUVENATION. THE GEOMAGNETIC FIELD, WHICH HAD BEEN DISTURBED TO MINOR STORM LEVELS, BECAME RELATIVELY STABLE AT APPROXIMATELY 29/2200, AND CONDITIONS HAVE REMAINED RELATIVELY QUIET UP TO THE PRESENT, EXCEPT FOR A DISTURBANCE BETWEEN 30/0445Z AND 30/0600Z.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW TO MODERATE DURING THE THREE-DAY FORECAST PERIOD; INFREQUENT, SMALL CLASS-M FLARES ARE LIKELY, AND CLASS-C FLARES ARE EXPECTED. THE GEOMAGNETIC FIELD IS EXPECTED TO SHOW PERIODS OF SLIGHT DISTURBANCE DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 JULY/1700Z ENDING 02 AUG/1700Z.

CLASS M OR GREATER 75/70/65

CLASS X 10/10/05

PROTON EVENTS 10/05/05

D. OTTAWA 10.7 CM FLUX FOR 30/1400Z WAS 152.

PREDICTED 10.7 CM FLUX FOR 31 JULY-02 AUG IS 146/141/137.

E. MAGNETIC A-FREDERICKSBURG FOR 29 JULY WAS 38. FOR 30 JULY ABOUT 10 PREDICTED AP FOR 31 JULY-02 AUG, 10/10/10.

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