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KMSC

HAUS BOU 020400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 706A ISSUED 0400Z 02 AUGUST 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 11 HOURS. A FEW CLASS C FLARES HAVE BEEN OBSERVED FROM REGION N07W50. DISK FEATURES HAVE REMAINED STABLE THROUGHOUT THE PAST ZULU DAY. A FEW MINOR BSLS HAVE BEEN OBSERVED AT NE12 AND SE10. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY WILL REMAIN AT A LOW LEVEL. CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE, ONE OR TWO EACH DAY, IS ALL THAT IS EXPECTED FOR THE NEXT 72 HOURS. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

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

CLASS M OR GREATER 35/35/35

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 01/1700Z AND 01/2000Z WERE 135 AND 131 RESPECTIVELY.

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HAUS BOU 021700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 706B ISSUED 1700Z 2 AUG 1970

LOW SOLAR ACTIVITY FORECASTED-CLASS C FLARES ONLY DURING THE NEXT 11 HOURS.

A. A COUPLE DOZEN CLASS C FLARES HAVE OCCURRED THE PAST 24 HOURS. ALL REGIONS ARE EITHER STABLE OR DECAYING. THE GEOMAGNETIC FIELD IS QUIET.

B. A DIM OUTLOOK EXISTS FOR MUCH ACTION ON THE SUN IN THE NEXT 72 HOURS. THE N07W58 REGION MIGHT PRODUCE A CLASS M FLARE ONCE OR TWICE BEFORE ITS LIMB PASSAGE THREE DAYS FROM NOW. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET FOR THE NEXT 3 DAYS.

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

CLASS M OR GREATER 35/35/35

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 02/1400Z WAS 128. PREDICTED 10.7 CM FLUX FOR 3-5 AUG IS 124/121/118.

E. MAGNETIC A-FREDERICKSBURG FOR 1 AUG WAS 03. FOR 02 AUG ABOUT 05 PREDICTED AP FOR 3-5 AUG, 03/06/03.

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