

0358

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KMSC

HAUS BOU 030400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 707A ISSUED 0400Z 03 AUGUST 1970

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

A. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 11 HOURS. THE TRAILER PORTION OF THE REGION N14E28 IS THE BRIGHTEST DISK REGION. AT NE10, WHERE YESTERDAY SMALL BSLS WERE OBSERVED, FAINT PLAGE IS NOW ROTATING ON THE DISK. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW FOR THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET.

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

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 02/2000Z WERE 125 AND 123 RESPECTIVELY.

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HAUS BOU 031700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 707B ISSUED 1700Z 03 AUGUST 1970

CLASS C, LOW ENERGY, FLARES EXPECTED THE NEXT 11 HOURS

A. A BORDERLINE CLASS M EVENT OCCURRED AT 03/0120Z LOCATION N20W84. THE REGION NEAR N14E17 HAS SHOWN MINOR GROWTH IN SPOTS AND PLAGE. A NEW GROUP HAS EMERGED NEAR N19E32. OTHER REGIONS LOOK UNCHANGED. THE GEOMAGNETIC FIELD IS QUIET.

B. PRESENT ACTIVE REGIONS NEED SUBSTANTIAL DEVELOPMENT BEFORE THEY WILL BE ABLE TO PRODUCE EVEN A FEW MODERATE CLASS M FLARES. NO SIGNIFICANT REGION IS EXPECTED TO RETURN TO THE DISK IN THE NEXT 3 DAYS. A SLIGHT RISE IN PROBABILITIES WAS MADE TO ACCOUNT FOR THE MOVEMENT OF THE N07W71 REGION ACROSS THE LIMB.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 AUG/1700Z ENDING 06 AUG/1700Z.

CLASS M OR GREATER 25/27/30

CLASS X 01/02/03

PROTON EVENTS 01/02/03

D. OTTAWA 10.7CM FLUX FOR 03/1400Z WAS 123. PREDICTED 10.7CM FLUX FOR 04-06 AUGUST IS 119/116/113.

E. MAGNETIC A-FREDERICKSBURG FOR 02 AUG WAS 05. FOR 03 AUG ABOUT 05. PREDICTED AP FOR 04-06 AUG IS 05/05/05.

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