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KMSC

HAUS BOU 290400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 825A ISSUED 0400Z 29 NOVEMBER 1970

A FEW CLASS C EVENTS AND ONE OR TWO SMALL CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. THE REGIONS ON THE DISK WITH THE EXCEPTION OF N18E44 ARE ALL VERY QUIET AND STABLE. THE N18E44 REGION HAS BRIGHTENINGS ALONG THE E-W NEUTRAL LINE. THIS REGION IS NOT CAPABLE AT PRESENT OF MAJOR FLARE PRODUCTION BUT IS THE MOST INTERESTING DISK FEATURE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LEVEL. NO NEW ACTIVE REGIONS ARE EXPECTED TO RETURN DURING THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 29 NOV/0400Z ENDING 02 DEC/0400Z

CLASS M OR GREATER 30/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 28/1700Z AND 28/2000Z WERE 153 AND 149 RESPECTIVELY.

SOLTERWARN

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NNNN1700

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KMSC

HAUS BOU 291700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 825B ISSUED 1700Z 29 NOV 1970

ACTIVITY DURING THE NEXT 11 HOURS SHOULD CONSIST OF NONENERGETIC SUBFLARES.

A. OF THE ORDER OF TEN SUBFLARES HAVE BEEN OBSERVED TODAY WELL SCATTERED ACROSS THE DISK. NONE OF THESE WERE M EVENTS. DEVELOPMENT, EITHER GROWTH OR DECAY, AMONG THE 10 OR SO SPOT GROUPS VISIBLE HAS BEEN SLIGHT. THE CONTINUOUS SURGES AND APR REPORTED YESTERDAY ALONG THE SE LIMB ARE STILL VISIBLE. TWO J-TYPE SPOT GROUPS HAVE ROTATED INTO VIEW THERE ALONG WITH A SMALL BRIGHT PLAGE. THE GEOMAGNETIC FIELD IS UNDISTURBED.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 29 NOV/1700Z ENDING 02 DEC/1700Z.

CLASS M OR GREATER 25/25/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 29/1400Z WAS 153. PREDICTED 10.7 CM FLUX FOR 30 NOV-02 DEC IS 148/145/138.

E. MAGNETIC A-FREDERICKSBURG FOR 28 NOV WAS 04. FOR 29 NOV ABOUT 01. PREDICTED AP FOR 30 NOV-02 DEC, 02/03/05.

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