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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. DEVELOP-  
MENT, EITHER GROWTH OR DECAY, AMONG THE 10 OR SO SPOT GROUPS VISIBLE  
HAS BEEN SLIGHT. THE CONTINUOUS SURGES AND APR REPORTED YESTER-  
DAY 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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