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HAUS BOU 300400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 089A ISSUED 0400Z 30 MARCH 1971

CLASS C FLARES ARE EXPECTED AND AN OCCASIONAL CLASS M FLARE IS PROBABLE DURING THE NEXT 13 HOURS.

A. CLASS C ACTIVITY HAS INCREASED DURING THE PAST 24 HOURS. THE REGION AT S18E18 CONTINUES TO BE THE MAJOR FLARE PRODUCER. THE FLARES HAVE BEEN SUBFLARES WHICH ARE NON-ENERGETIC. AT 30/0040Z THE DARK FILAMENT WEST AND SOUTH OF THE SPOT GROUP AT S18E18 STARTED TO DISAPPEAR. THE NEW GROUP AT N13E45 CONTINUES MINOR GROWTH, IT IS A CLASS A SPOT GROUP. OTHER REGIONS ARE QUIET AND THE LIMBS ARE QUIET. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS C FLARES AND ONE OR TWO SMALL CLASS M FLARES ARE EXPECTED EACH DAY DURING THE NEXT 72 HOURS. THE REGION S18E18 IS THE MOST LIKELY FLARE PRODUCER. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 MAR/0400Z ENDING 02 APR/0400Z.

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 29/1700Z AND 29/2000Z WERE 104 AND 105 RESPECTIVELY.

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HAUS BOU 301715

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 089B ISSUED 1700Z 30 MAR 1971

NO EVENTS EXCEEDING CLASS C ARE EXPECTED DURING THE NEXT 12 HOURS.

A. NON-ENERGETIC FLARES CONTINUE TO DOMINATE OVERALL ACTIVITY.

THE MAJORITY OF FLARES HAVE STEMMED FROM THE D-TYPE REGION NOW NEAR S18E08. THIS DISK FEATURE HAS A PECULIAR ORIENTATION BUT NOT A PARTICULARLY COMPLEX NEUTRAL LINE. OTHER REGIONS ARE UNINTERESTING.

B. NO CHANGE.

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

CLASS M OR GREATER 30/35/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 30/1400Z WAS 104. PREDICTED 10.7 CM FLUX FOR 31 MAR-02 APR IS 104/104/106.

E. MAGNETIC A-FREDERICKSBURG FOR 20 MAR WAS 03. FOR 30 MAR ABOUT 05 PREDICTED AP FOR 31 MAR-02 APR, 07/07/08.

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