

NNNNUU0359

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KMSC

HAUS BOU 260400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 608A ISSUED 0400Z 26 APRIL 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. NUMEROUS CLASS C SUBFLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS. FLARES HAVE BEEN OBSERVED FROM MANY REGIONS ON THE DISK. THE REGION AT S09W39 WHICH YESTERDAY UNDERWENT DECAY, TODAY HAS SHOWN NEW GROWTH AND DEVELOPMENT. MT WILSON REPORTS TWO DELTA CONFIGURATIONS IN THIS SPOT GROUP. THE REGION AT S12W84 WHICH SHOWED BSL ACTIVITY EARLIER IS STILL TOO CLOSE TO LIMB FOR GOOD EVALUATION. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE PROBABLE FROM REGIONS S09W39 AND S12E84 DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 APRIL/0400Z ENDING 29 APRIL/0400Z

CLASS M OR GREATER 50/50/55

CLASS X 10/10/15

PROTON EVENTS 02/02/05

D. OTTAWA 10.7 CM FLUX FOR 25/1700Z WAS 133.

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KMSC

HAUS BOU 261714Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 608B ISSUED 1700Z 26 APRIL 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. ONLY CLASS C SUBFLARES OBSERVED SINCE THE LAST FORECAST /608A/. MODERATELY ACTIVE PROMINENCES EXTENDING .1 AND .2 RADII ARE LOCATED ON THE WEST LIMB AT S20 AND S30 RESPECTIVELY. THE SPOT GROUPS ROTATING ON TO THE DISK AT S08E62 AND S11E75 ARE D AND J TYPES RESPECTIVELY AND APPEAR TO BE STABLE WITH MODERATELY BRIGHT PLAGE. A NEW BIPOLAR SET HAS BEEN OBSERVED AT N11E56 /A-TYPE SPOTS/. OTHER REGIONS APPEAR UNCHANGED. THE GEOMAGNETIC FIELD IS QUIET.

B. THE S09W47 SPOT GROUP REMAINS THE MOST PROBABLE FLARE PRODUCING REGION. A SLIGHTLY DISTURBED MAGNETIC FIELD IS EXPECTED IN THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 APRIL/1700Z ENDING 29 APRIL/1700Z.

CLASS M OR GREATER 40/40/50

CLASS X 05/05/10

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 136. PREDICTED 137/137/142.

E. MAGNETIC A-FREDERICKSBURG FOR 25 APRIL WAS 16. FOR 26 APRIL ABOUT 11. PREDICTED AP FOR 27-29 APRIL, 15/08/08.

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