

NNNN0358

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KMSC

HAUS BOU 100400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 745A ISSUED 0400Z 10 SEPT 1970

SMALL M EVENTS SHOULD ESTABLISH AN UPPER LIMIT ON ACTIVITY  
THESE NEXT 13 HOURS.

A. APPROXIMATELY 20 SUBFLARES WERE REPORTED YESTERDAY-ALL  
RATED ENERGETICALLY AS CLASS C EVENTS. OF THE 11 SPOT  
GROUPS VISIBLE ONLY THE NEWLY FORMED FEATURE NEAR S10E67  
APPEARS TO BE DEVELOPING SIGNIFICANTLY. THE REGION THAT HAS  
DOMINATED THE DISK THIS WEEK IS NOW WELL INTO ITS DECLINING  
PHASE. IN TERMS OF POSITION IT LIES ABOUT TWO DAYS FROM THE  
WEST LIMB. LOCAL 3-HOUR MAGNETIC RANGE INDICES ARE LESS  
THAN OR EQUAL TO TWO.

B. OVERALL ACTIVITY SHOULD CONTINUE AT THE PRESENT SLUGGISH  
PACE WITH INTERMITTENT SMALL M FLARES.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE  
24 HOUR PERIODS BEGINNING 10 SEPT/0400Z ENDING 13 SEPT/0400Z.

CLASS M OR GREATER 80/90/80

CLASS X 10/15/10

PROTON EVENTS 10/15/10

D. OTTAWA 10.7 CM FLUXES FOR 09/1700Z AND 09/2000Z WERE 155  
AND 159. RESPECTIVELY.

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HAUS BOU 101700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 745B ISSUED 1700Z 10 SEP 1970

ONLY ONE OR TWO CLASS-M EVENTS ARE LIKELY DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A RELATIVELY LOW LEVEL DURING THE PAST 13 HOURS; THE ONLY ENERGETIC EVENT REPORTED WAS A LARGE SUB-NORMAL CLASS-M FLARE THAT OCCURRED IN THE REGION AT N17W72 AT 10/1257Z. THE DECAYING N17W72 REGION CURRENTLY IS THE ONLY DISK FEATURE BELIEVED CAPABLE OF PRODUCING ENERGETIC ACTIVITY; ALL DISK REGIONS PRESENTLY ARE STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET DURING THE PAST 24 HOURS.

B. ONLY SPORADIC SOLAR ACTIVITY IS LIKELY DURING THE FORECAST PERIOD; THE REGION NOW NEAR N17W72 IS EXPECTED TO PRODUCE INFREQUENT, SMALL CLASS-M EVENTS AS IT APPROACHES AND CROSSES THE WEST LIMB DURING THE NEXT TWO DAYS. QUIET GEOMAGNETIC CONDITIONS ARE PROBABLE DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 SEP/1700Z ENDING 13 SEP/1700Z.

CLASS M OR GREATER 85/90/80

CLASS X 10/15/10

PROTON EVENTS 05/10/05

D. OTTAWA 10.7 CM FLUX FOR 10/1400Z WAS 143. PREDICTED 10.7 CM FLUX FOR 11-13 SEP IS 137/134/133.

E. MAGNETIC A-FREDERICKSBURG FOR 09 SEP WAS 06. FOR 10 SEP ABOUT 07. PREDICTED AP FOR 11-13 SEP, 06/08/12.

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