

KMSC

HAUS BOU 260420Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 549A ISSUED 0400Z 26 FEB 1970

SMALL M EVENTS ARE LIKELY FROM TWO OF THE MANY REGIONS  
THAT DOT THE DISK DURING THE NEXT 13 HOURS.

A. ABOUT 20 SUBFLARES WERE OBSERVED DURING THE PAST 24 HOURS  
AND NONE WERE SUFFICIENTLY ENERGETIC IN X-RAY PRODUCTION TO  
BE CLASSIFIED AS M ERUPTIONS. TWO BIPOLAR REGIONS OF AVERAGE  
AREA 270 MILLIONTHS NEAR N17E12 AND S08W19 WERE THE PRIMARY  
SOURCES OF THIS BACKGROUND ACTIVITY. IN TERMS OF GROWTH THE S08W19  
GROUP HAS BEEN THE MOST DYNAMIC. MUCH OF THE SCATTERED PENUMBRAE  
HAS FILLED IN. THE PORE-LIKE REGION NEAR S03E63 HAS SHOWN SOME  
GROWTH; IT IS NOW A B TYPE.

B. CLASS C FLARES WITH AN OCCASIONAL M ARE EXPECTED FROM ONE  
OR BOTH OF THE N17E12 AND S08W19 SPOT CLUSTERS. ANY SIGNIFICANT  
~~USES~~ M FLARE PRODUCTION THESE NEXT 3 DAYS SHOULD BE SHORT-LIVED  
SINCE OVERALL ACTIVITY IS EXPECTED TO DECLINE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 26 FEB/0400Z ENDING 01 MAR/0400Z.

CLASS M OR GREATER 70/70/60

CLASS X 10/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 25/1700 AND 2000Z WERE 190 AND 136  
RESPECTIVELY.

SOLTERWARN

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D 100469  
S03E33

1357 SW25

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 549B ISSUED 1700Z 26 FEBRUARY 1970

CLASS M FLARES ARE PROBABLE DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY HAS DECREASED DURING THE PAST 24 HOURS  
WITH ONLY CLASS C FLARES BEING OBSERVED. THE TWO MOST  
IMPRESSIVE REGIONS ON THE DISK ARE LOCATED AT S07W30 AND  
N17E01 AND HAVE CHANGED LITTLE IN EITHER WHITE LIGHT OR  
H-ALPHA. A NEW GROWING D-TYPE SPOT GROUP IS GROWING AT  
N09E69. AN IMPORTANCE 2 LOOP FORMATION WAS OBSERVED AT  
26/1357Z AT S25WL. THE GEOMAGNETIC FIELD IS SLIGHTLY  
KISTURBED.

B. SPORADIC CLASS M ACTIVITY IS EXPECTED DURING THE NEXT  
THREE DAYS FROM THE S07W30 AND N17E01 REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE  
24 HOUR PERIODS BEGINNING 26/1700Z ENDING 01/1700Z.

CLASS M OR GREATER 60/60/50

CLASS X 10/10/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 188. PREDICTED 185/180/175.

E. MAGNETIC A-FREDERICKSBURG FOR 25 FEB WAS 03. FOR 26 FEB  
ABOUT 08. PREDICTED AP FOR 27 FEB-01 MAR 05/08/08.

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