

NNNN0351

NNNN0352

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KMSC

HAUS BOU 230400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 546A ISSUED 0400Z 23 FEBRUARY 1970

CLASS M FLARES ARE PROBABLE DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN RATHER LOW DURING THE PAST 11 HOURS.
FLARES HAVE BEEN CLASS C, NON ENERGETIC, FROM SEVERAL REGIONS ON
THE DISK. THE REGION N17E58 HAS PRODUCED THE MOST ACTIVITY. THE
REGIONS ON THE DISK HAVE SHOWN VERY LITTLE CHANGE DURING THE PAST
24 HOURS. THE GEOMAGNETIC FIELD IS QUIET.

B. FLARE ACTIVITY WILL BE CONFINED TO CLASS C ACTIVITY WITH AN
OCCASIONAL CLASS M FLARE DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 23 FEB/0400Z ENDING 26 FEB/0400Z

CLASS M OR GREATER 70/70/70

CLASS X 15/15/15

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX 22/1700Z AND 2000Z WERE 189 AND 193
RESPECTIVELY.

SOLTERWARN

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NNNN1700

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KMSC

HAUS BOU 231700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 546B ISSUED 1700Z 23 FEB 1970

CLASS M FLARES ARE PROBABLE DURING THE NEXT 11 HOURS.

A. TENTATIVELY, ONLY CLASS C FLARES HAVE BEEN OBSERVED.
THE ONLY CHANGE ON THE DISK HAS BEEN SPOT GROWTH IN THE
LEADER AT N18E45. PLAGUE BRIGHTENINGS AND FLUCTUATIONS
HAVE ALSO OCCURRED IN THIS REGION. THE GEOMAGNETIC FIELD
REMAINS VERY QUIET.

B. SPORADIC CLASS M ACTIVITY IS EXPECTED DURING THE NEXT 3
DAYS FROM THE S16W17 AND N18E45 REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 23/1700Z ENDING 26/1700Z.

CLASS M OR GREATER 70/70/70

CLASS X 5/5/5

PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 185. PREDICTED 180/178/178.

E. MAGNETIC A-FREDERICKSBURG FOR 22 FEB WAS 01. FOR 23 FEB
ABOUT 02 PREDICTED AP FOR 24-26 FEB, 5/5/8.

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