

NNNN

KMSC

HAUS BOU 190400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 511A ISSUED 0400Z 19 JANUARY 1970

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. ONLY MINOR ACTIVITY HAS BEEN OBSERVED DURING THE PAST 11 HOURS.

X-RAY DATA INDICATES ACTIVITY AT 18/1505Z WHICH WAS CLASSIFIED AS A SMALL M EVENT. NO FLARES WERE REPORTED AT THIS TIME. THE REGION AT N15E14 HAS SHOWN THE MOST ACTIVITY AS WELL AS THE MOST GROWTH AND DEVELOPMENT. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS C AND AN OCCASIONAL SMALL CLASS M EVENT ARE EXPECTED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 19 JAN/0400Z ENDING 22 JAN/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX 18/1700Z AND 2000Z WERE 190 AND 191 RESPECTIVELY.

SOLTERWARN

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HAUS BOU 191700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 511B ISSUED 1700Z 19 JAN 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.
A. ONLY CLASS C FLARES HAVE BEEN OBSERVED. SPOT GROWTH HAS
OCCURRED IN THE REGION AT S11W19. A NEW H-TYPE SPOT GROUP IS
AT N17E21. SMALL BSLS WERE OBSERVED AT S18EL. THE REMAINING
REGIONS ARE STABLE WITH THE REGIONS AT N16E10 AND S16W29
SHOWING A DECREASE IN INTENSITY. THE GEOMAGNETIC FIELD IS QUIET.
ATS-1 SATELLITE PROTON FLUXES ARE AT BACKGROUND.

B. NO REGION HAS DEVELOPED SUFFICIENTLY FOR MAJOR FLARE
PRODUCTION. CLASS M FLARES DURING THE NEXT THREE DAYS SHOULD BE
VERY SPORADIC.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 19/1700Z ENDING 22/1700Z.

CLASS M OR GREATER 40/35/35

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 178. PREDICTED 175/170/165.

E. MAGNETIC A-FREDERICKSBURG FOR 18 JAN WAS 07. FOR 19 JAN
ABOUT 03. PREDICTED AP FOR 20-22 JAN; 06/08/08.

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