

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

SPAN

BT

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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