

KMSC

HAUS BOU 120400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 012A ISSUED 0400Z 12 JANUARY 1971

CLASS C FLARES ARE EXPECTED AND CLASS M FLARES ARE PROBABLE DURING THE NEXT 13 HOURS.

A. THE REGION S0SW24 HAS PRODUCED MOST OF THE ACTIVITY DURING THE LAST 24 HOURS. THE FLARE ACTIVITY HAS BEEN CLASS C SUBFLARES BUT THEY HAVE BEEN MORE NUMEROUS THAN DURING THE PAST THREE DAYS. SOME CLASS C ACTIVITY HAS ALSO BEEN OBSERVED FROM REGION N20E42. THE OTHER DISK REGIONS HAVE BEEN QUIET. THE GEOMAGNETIC FIELD HAD A SHORT PERIOD OF MINOR DISTURBANCE 11/0400-0600Z.

B. SOLAR ACTIVITY IS EXPECTED TO INCREASE A LITTLE WITH REGIONS S0SW24 AND N20E42 PRODUCING THE FLARES. ONE OR TWO CLASS M FLARES CAN BE EXPECTED EACH DAY. THE MAGNETIC FIELD WILL HAVE PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 JAN/0400Z ENDING 15 JAN/0400Z  
CLASS M OR GREATER 50/55/60

CLASS X 05/07/10

PROTON EVENTS 02/02/05

D. OTTAWA 10.7 CM FLUXES FOR 11/1700Z AND 11/2000Z WERE 154 AND 153 RESPECTIVELY.

SOLTERWARN

SPAN

BT

HAUS BOU 121700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO  
SDF NUMBER 012B ISSUED 1700Z 12 JAN 1971

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. THE N20E47 AND S06W31 REGIONS HAVE PRODUCED SEVERAL  
CLASS C SUBFLARES EACH. A FEW SMALL REGIONS ARE CROPPING  
UP HERE AND THERE ON THE DISK, THE MOST IMPORTANT OF THESE  
IS A C TYPE SPOT GROUP WITH BRIGHT PLAGE LOCATED AT S15E35.

B. CLASS C AND ONE OR TWO CLASS M FLARES EXPECTED DURING  
THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE  
24 HOUR PERIODS BEGINNING 12 JAN/1700Z ENDING 15 JAN/1700Z.

CLASS M OR GREATER 40/40/40

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 12/1400Z WAS 154. PREDICTED  
10.7 CM FLUX FOR 13-15 JAN IS 154/152/150.

E. MAGNETIC A-FREDERICKSBURG FOR 11 JAN WAS 06. FOR 12 JAN  
ABOUT 06. PREDICTED AP FOR 13-15 JAN, 06/08/05.

SOLTERWARN

SPAN

BT