

KMSC

HAUS BOU 120400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 504A ISSUED 0400Z 12 JANUARY 1970

CLASS M SOLAR ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. DURING THE PAST 10 HOURS SOLAR ACTIVITY HAS BEEN REDUCED TO ONLY A FEW SUBFLARES AND A CLASS C 1B FLARE. MOST ALL THE ACTIVITY HAS BEEN IN REGION S12E56. THIS REGION HAS GROWN AND ITS 9.1 CM RADIO NOISE HAS INCREASED DURING THE PAST 24 HOURS. THE REGION ON THE SW HAS DECREASED AS POTENTIAL FLARE PRODUCER. THE NEW REGIONS COMING OVER THE EAST LIMB STILL NEED FURTHER EVALUATION. THE GEOMAGNETIC FIELD REMAINS QUIET.

B. CLASS M ACTIVITY IS EXPECTED FROM S12E56 AND S28W49 DURING THE NEXT 24 HOURS.

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 55/60/60

CLASS X 10/10/10

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX 11/1700Z AND 2000Z WERE 166 AND 173 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNN1739  
NNNN1739  
NNNN

KMSI

HAUS BOU 121735Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 504B ISSUED 1700Z 12 JAN 1970

CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. ONLY CLASS C FLARE ACTIVITY HAS BEEN OBSERVED SINCE SDF 504A.  
LITTLE IF ANY CHANGE HAS BEEN OBSERVED FROM ANY OF THE REGIONS.  
THE REGION AT S09W01 IS THE BRIGHTEST FEATURE ON THE DISK WITH  
A MODERATELY ACTIVE N-S FILAMENT IN THE TRAILING PORTION. THE  
PLAGE FROM THIS REGION EXTENDS EASTWARD TO THE REGION AT S08E14.  
ANOTHER REGION IS ROTATING OVER EL AT S05. THE GEOMAGNETIC  
FIELD IS SLIGHTLY DISTURBED.

B. MINOR CLASS M ACTIVITY IS EXPECTED DURING THE NEXT 3 DAYS. NO  
MAJOR ACTIVITY IS EXPECTED AS THE REGIONS ARE TOO YOUNG.

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

CLASS M OR GREATER 60/60/60

CLASS X 10/10/10

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 174. PREDICTED 185/194/200.

E. MAGNETIC A-FREDERICKSBURG FOR 11 JAN WAS 02. FOR 12 JAN ABOUT 07  
PREDICTED AP FOR 13-15 JAN, 8/8/10.

SOLTERWARN

SPAN

BT