

NNNNZGV

KMSC

HAUS BOU 130400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 686A ISSUED 0400Z 13 JULY 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. A FEW NON ENERGETIC CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS. THE REGIONS ON THE VISIBLE DISK ARE ALL STABLE AND VERY LITTLE CHANGE HAS BEEN OBSERVED SINCE LAST MESSAGE WAS ISSUED. SATELLITE READOUTS INDICATE A QUIET SUN BEYOND THE EAST LIMB. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED BUT STABLE DURING THE PAST 24 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE NEXT 13 HOURS. THE GEOMAGNETIC FIELD WILL REMAIN STABLE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 JULY/0400Z ENDING 16 JULY/0400Z

CLASS M OR GREATER 30/30/30

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 12/1700Z AND 12/2000Z WERE 131 AND 132 RESPECTIVELY.

NOTE..SDF 684B JULY 10TH SHOULD HAVE BEEN 683B

JULY 11TH SDFS SHOULD HAVE BEEN 684A AND 684B

JULY 12TH SDFS SHOULD HAVE BEEN 685A AND 685B

SOLTERWARN

SPAN

BT

NNNNUU1658  
NNNNJMV1658  
NNNNWGVUG

KMSC HAUS BOU 131700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 686B ISSUED 1700Z 13 JULY 1970

11 HOUR FORECAST CLASS C FLARES EXPECTED DURING THE NEXT  
13 HOURS.

A. NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED THE LAST  
24 HOURS. THE N12E57 GROUP HAS GROWN SLIGHTLY TO  
A BIPOLAR WITH B TYPE SPOTS. OTHER REGIONS APPEAR STABLE AND  
UNCHANGED. INCREASING LIMB ACTIVITY AT SW08, NE05-10, AND NE18  
INDICATING OLD REGIONS LEAVING AND NEW ONES COMING. THE  
GEOMAGNETIC FIELD IS SLIGHTLY UNSETTLED.

B. A REMOTE POSSIBILITY EXISTS FOR THE OCCURRENCE OF M FLARES  
FROM LIMB REGIONS BUT AN EVEN LESS REMOTE CHANCE EXISTS FOR  
ABOVE CLASS C EVENTS FROM THE DISK. THE GEOMAGNETIC FIELD IS  
EXPECTED TO REMAIN SLIGHTLY UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIODS BEGINNING 13 JULY 1700Z ENDING 16 JULY 1700Z.

CLASS M OR GREATER 30/30/30

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 13/1400Z WAS 126.

PREDICTED 10.7 CM FLUX FOR 14-16 JULY IS /25/123/131.

E. MAGNETIC A-FREDERICKSBURG FOR 12 JULY WAS 15. FOR 13 JULY  
ABOUT 14 PREDICTED AP FOR 14-16 JULY, 12/12/12.

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NNNNUU1701  
NNNNOC