

HAUS BOU 060400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 710A ISSUED 0400Z 06 AUG 1970

INFREQUENT CLASS C FLARE ACTIVITY EXPECTED DURING THE NEXT 13 HOURS.

A. THE N18E44 REGION HAS DOMINATED SOLAR ACTIVITY THE PAST 24 HOURS. THIS AMOUNTED TO SIX CLASS C FLARES. THE PLAGE TODAY IS LESS COMPACT AND THE LEADER SPOT IS BREAKING UP. THE DEVELOPMENT OF THIS REGION HAS APPARENTLY LEVELED OFF FOR THE PRESENT TIME. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW, THE CLASS M FLARE POTENTIAL OF THE NE REGION APPEARS TO BE FADING AS THE REGION SHOWS SIGNS OF DECAY. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 AUG/0400Z ENDING 09 AUG/0400Z.

CLASS M OR GREATER 35/30/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 05/1400Z AND 05/2000Z WERE 125 AND 122 RESPECTIVELY. 7 8 9

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HAUS BOU 061700Z  
FROM SPACE DISTURBANCE FORECAST CENTER BTEDETZBUICHM

SDF NUMBER 710B ISSUED 10

ONLY MINOR CLASS-C ACTIVITY IS ANTICIPATED DURING THE NEXT  
11 HOURS

A. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE  
PAST 13 HOURS ONLY A FEW CLASS-C SUBFLARES HAVE BEEN OBSERVED.  
THE SPOT GROUP AT N13E33 IS NOW AN E-TYPE, BUT ITS AREA HAS NOT  
INCREASED DURING THE PAST 24 HOURS. THIS REGION PRESENTLY APPEARS  
TO BE DECAYING IN THE LEADER AND MID-SECTION, THOUGH BRIGHTENINGS  
OCCASIONALLY ARE VISIBLE ABOVE SOME SMALL SPOTS JUST WEST OF THE  
SYMMETRIC FOLLOWER PENUMBRA. A NEW REGION IS GROWING AT S06E26'  
THIS REGION CURRENTLY POSSESSES MODERATELY BRIGHT PLAGE, A B-TYPE  
SPOT GROUP' AND IMBEDDED FILAMENTS. SO FAR THIS S06E26 REGION HAS  
PRODUCED NO ENERGETIC ACTIVITY. THE OTHER DISK REGIONS ARE EITHER  
STABLE OR DECLINING. DURING THE PAST 24 HOURS THE GEOMAGNETIC FIELD  
HAS BEEN VERY QUIET

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE FORECAST PER-  
IOD' INFREQUENT CLASS-C FLARES ARE ANTICIPATED AT THE N13E33 AND  
S06E26 SITES. DURING THE NEXT 24 HOURS THE GEOMAGNETIC FIELD IS  
EXPECTED TO REMAIN RELATIVELY QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOURS  
PERIODS BEGINNING 06 AUG/1700Z ENDING 09 AUG/1700Z.

CLASS M OR GREATER 35/35/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

OTTAWA 10.7 CM FLUXES FOR 06/1400Z WAS 123.

PREDICTED 10.7 CM FLUX FOR 07-09 AUG IS 126/128/129.

E. MAGNETIC A-FREDERICKSBURG FOR 05 AUG WAS 02. FOR 06 AUG ABOUT 04

PREDICTED AP FOR 07-09 AUG' 04/04/04.

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