

NNNN04 12
NNNNBM04 13
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04 14

NNNNQG

KMSC

HAUS BOU 140400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 637A ISSUED 0400Z 14 JULY 1970

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

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 11 HOURS. ALL THE SUB FLARES OBSERVED HAVE BEEN NON ENERGETIC. BSL ACTIVITY FROM THE NE LIMB HAS CONTINUED THROUGHOUT THE ZULU DAY. PIONEER DATA INDICATES LOW ACTIVITY FROM THE EAST LIMB. THE REGIONS ON THE DISK ARE QUIET AND STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT ITS PRESENT LOW LEVEL DURING THE NEXT 13 HOURS. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 JULY/0400Z ENDING 17 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 13/1700Z AND 13/2000Z WERE BOTH 127
SOLTERWARN

SPAN

BT

NNNNUU1657
NNNNLMVRMVSM
KMSC HAUS BOU 141700Z
FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO
SDF NUMBER 687B ISSUED 1700Z 14 JULY 1970
CLASS C FLARES EXPECTED IN THE NEXT 11 HOURS.
A. NO SIGNIFICANT SOLAR ACTIVITY TO REPORT TODAY. THE
N15E85 REGION HAS SHOWN SOME FLARE ACTIVITY AND MINOR LOOP
STRUCTURE. A FEW SMALL SPOTS CAN BE SEEN WITH MORE PLAGE
YET TO COME OVER THE LIMB. ALL OTHER REGIONS CONTINUE THEIR
DECAY. THE GEOMAGNETIC FIELD IS SLIGHTLY UNSETTLED.
B. NO ENERGETIC EVENTS EXPECTED, HOWEVER, THE NE REGION
NEEDS FURTHER ANALYSIS BEFORE IT CAN BE CLASSIFIED AS A
POSSIBLE ENERGETIC PRODUCER OR AN INACTIVE CENTER.
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 14 JULY /1700Z ENDING 17 JULY /1700Z.
CLASS M OR GREATER 30/35/40
CLASS X 02/02/02
PROTON EVENTS 01/01/01
D. OTTAWA 10.7 CM FLUX FOR /1400Z WAS 123.
PREDICTED 10.7 CM FLUX FOR 15-17 JULY IS 125/125/125.
E. MAGNETIC A-FREDERICKSBURG FOR 13 JULY WAS 10. FOR 14 JULY
ABOUT 10 PREDICTED AP FOR 15-17 JULY, 10/10/10.
BT

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NNN GRCVHVUCH

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