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HAUS BOU 170400

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 752A ISSUED 0400Z 17 SEPT 1970

OCCASIONAL CLASS C FLARES REPRESENT THE ONLY KIND OF ACTIVITY
EXPECTED THESE NEXT 13 HOURS.

A. OVERALL ACTIVITY HAS BEEN CHARACTERIZED BY NO MORE THAN
12 SUBFLARES DURING THE PAST 24 HOURS. THE 8 SMALL DISK
FEATURES CURRENTLY VISIBLE SHOW LITTLE IN THE WAY OF
DEVELOPMENT. ON THE LIMB IMPORTANCE ONE SPORADIC SURGES
AND AN APR ARE STILL IN EVIDENCE NEAR NW20. THIS POSITION
MARKS THE SITE WHERE 3 DAYS AGO AN INACTIVE AND UNIMPRESSIVE
SPOT GROUP ROTATED FROM VIEW. THE GEOMAGNETIC FIELD IS
UNDISTURBED.

B. NO CHANGE FROM PREVIOUS MESSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 17 SEPT/0400Z ENDING 20/0400Z.

CLASS M OR GREATER 15/15/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 16/1700Z AND 16/2000Z WERE 117.

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HAUS BOU 171700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 752B ISSUED 1700Z 17 SEP 1970

CLASS-C FLARES ARE ANTICIPATED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 13 HOURS HAS CONSISTED OF OCCASIONAL CLASS-C SUBFLARES AND RELATIVELY NON-ENERGETIC LIMB EVENTS. DEVELOPMENT IS UNDERWAY IN THE D-TYPE N20E59 REGION, AND THE N13W28 REGION HAS DEVELOPED A BETA-GAMMA MAGNETIC CONFIGURATION. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET EXCEPT FOR A MAGNETIC BAY OF APPROXIMATELY 30 GAMMAS 17/0545-0625Z.

B. ONLY MINOR, RELATIVELY NON-ENERGETIC SOLAR ACTIVITY IS ANTICIPATED DURING THE NEXT 24 HOURS. THE PROBABILITY OF CLASS-M EVENTS IS EXPECTED TO RISE IF DEVELOPMENT OF THE N20E59 AND N13W28 REGIONS CONTINUES AT ITS PRESENT RATE. THE GEOMAGNETIC FIELD IS EXPECTED TO BE RELATIVELY QUIET DURING THE NEXT 24 HOURS; PERIODS OF SLIGHT DISTURBANCE ARE LIKELY 18/0300-0900Z.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 17 SEP/1700Z ENDING 20 SEP/1700Z.

CLASS M OR GREATER 20/30/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 17/1400Z WAS 116. PREDICTED

10.7 CM FLUX FOR 18-20 SEP IS 120/122/124.

E. MAGNETIC A-FREDERICKSBURG FOR 16 SEP WAS 07. FOR 17 SEP ABOUT 11. PREDICTED AP FOR 18-20 SEP, 08/08/08.

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