

NNNNUU0400

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KMSC

HAUS BOU 250400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 760A ISSUED 0400Z 25 SEPT 1970

NO ENERGETIC FLARES ARE ANTICIPATED DURING THE NEXT 13 HOURS.

A. ALTHOUGH THE FLARE FREQUENCY STILL REMAINS QUITE LOW (LESS THAN 15 CLASS C EVENTS WERE REPORTED YESTERDAY), THE NUMBER OF DISK FEATURES IS INCREASING. AS OF MESSAGE TIME 15 SMALL GROUPS ARE VISIBLE WITH THE LARGEST IN AREA COVERING ABOUT 380 MILLIONTHS. THE 184MHZ RADIO NOISE STORM INITIALLY DETECTED ON THE 23RD CONTINUED YESTERDAY THROUGHOUT THE LOCAL DAYLIGHT HOURS IN BOULDER. STRONG GREEN CORONAL LINE EMISSION (5303A) IS IN EVIDENCE ABOVE THE NE LIMB NEAR N15. AS YET ONLY AN ACTIVE PROMINENCE MARKS THE POSITION OPTICALLY. THE GEOMAGNETIC FIELD IS QUIET.

B. A PREVIOUSLY DULL REGION ACTIVITY-WISE IS DUE TO RETURN LATE TODAY NEAR NE16. NO DOUBT IT IS THIS SPOT GROUP THAT IS RESPONSIBLE FOR THE UNUSUALLY HIGH CORONAL EMISSION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 SEPT/0400Z ENDING 28 SEPT/0400Z.

CLASS M OR GREATER 30/35/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 24/1700Z AND 24/2000Z WERE BOTH 160.

SOLTERWARN

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KMSC

HAUS BOU 251700

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 760B ISSUED 1700Z 25 SEP 1970

ONLY CLASS-C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY HAS REMAINED LOW DURING THE PAST 13 HOURS;

ONLY A FEW CLASS-C SUBFLARES HAVE BEEN REPORTED. OCCASIONAL

SURGE ACTIVITY NEAR NE16 SUGGESTS THAT A REGION DUE TO RETURN

AT THAT SITE WILL BEGIN TO CROSS THE LIMB SOON. SOME PEN-

UMBRAE GROWTH HAS BEEN OBSERVED IN THE REGION NEAR N23E11,

BUT NO DYNAMIC DEVELOPMENT HAS BEEN OBSERVED AT ANY OF THE

ACTIVE REGIONS NOW ON THE DISK. THE GEOMAGNETIC FIELD HAS

SHOWN OCCASIONAL PERIODS OF DISTURBANCE DURING THE PAST 24

HOURS.

B. ONLY SPORADIC RELATIVELY NON-ENERGETIC FLARES ARE EXPECTED

DURING THE FORECAST PERIOD. SOME ACTIVITY, PROBABLY OF A NON-

ENERGETIC CHARACTER, IS LIKELY AT THE NE16 SITE. THE GEOMAGNETIC

FIELD IS EXPECTED TO EXHIBIT OCCASIONAL PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24

HOUR PERIODS BEGINNING 25 SEP/1700Z ENDING 28 SEP/1700Z.

CLASS M OR GREATER 35/35/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 25/1400Z WAS 159. PREDICTED 10.7CM

FLUX FOR 26-28 SEP IS 155/152/152.

E. MAGNETIC A-FREDERICKSBURG FOR 24 SEP WAS 09. FOR 25 SEP

ABOUT 11. PREDICTED AP FOR 26-28 SEP IS 11/10/10.

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