

NNNNUU0400

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KMSC

HAUS BOU 240400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 759A ISSUED 0400Z 24 SEPT 1970

CLASS C FLARES ARE EXPECTED IN THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED IN THE FORM OF NONENERGETIC SUBFLARES. A 184 MHZ RADIO NOISE STORM WAS IN PROGRESS AT OUR LOCAL SUNRISE, 23/1300Z, AND ITS INTENSITY FELL OFF GRADUALLY DURING THE DAY. THE N09W51 REGION HAS PRODUCED SEVERAL SUBFLARES IN THE TRAILER PORTION WHERE MIXED POLARITIES ARE PRESENT. THE N20W28 REGION HAS SHOWN PENUMBRAL GROWTH IN THE TRAILER. PLAGE IS NOW VISIBLE AT N13 E LIMB WHERE EARLIER ACTIVITY WAS REPORTED. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. THE N09W51 AND THE NE LIMB REGION ARE EXPECTED TO CONTINUE PRODUCING NONENERGETIC SUBFLARES. A REGION IS DUE TO RETURN TO THE DISK ON SEPT 25 AT N16; THIS REGION WAS DECAYING AS IT DISAPPEARED OVER THE WEST LIMB BUT IT STILL CONTAINED, AT THAT TIME, A RATHER LARGE SUNSPOT GROUP WHICH WAS MAGNETICALLY COMPLEX.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 SEPT/0400Z ENDING 27 SEPT/0400Z.

CLASS M OR GREATER 35/35/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 23/1700Z WAS 160

SOLTERWARN

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HAUS BOU 241700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 759B ISSUED 1700Z 24 SEPT 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL. SEVEN NEW REGIONS HAVE STARTED DEVELOPING ON THE DISK SINCE YESTERDAY; THEY ARE LOCATED AT N22E31, N23E24, AND S18E27 AND THE OTHER FOUR REGIONS ARE A TYPE SPOTS IN THE NE QUADRANT OF THE SUN. THE N23E24 RUDIMENTARY C TYPE SPOT GROUP HAS PRODUCED THREE SUBFLARES IN THE PAST 9 HOURS. THE LEADER SPOTS IN BOTH N20W34 AND N13E22 REGIONS HAVE BECOME LESS SCATTERED AND MORE SYMETRIC. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO RISE WITH THE EVOLUTION OF THE NEW DISK FEATURES ALTHOUGH THIS ACTIVITY IS EXPECTED TO REMAIN NONENERGETIC. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 SEPT/1700Z ENDING 27 SEPT/1700Z.

CLASS M OR GREATER 30/35/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 24/1400Z WAS 153. PREDICTED 10.7 CM FLUX FOR 25-27 SEPT IS 156/158/160.

E. MAGNETIC A-FREDERICKSBURG FOR 23 SEPT WAS 07. FOR 24 SEPT ABOUT 09. PREDICTED AP FOR 25-27 SEPT, 11/12/10.

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