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KMSC

HAUS BOU 030504Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 738A ISSUED 0400Z 03 SEPT 1970

ONE OR TWO SMALL M FLARES ARE EXPECTED DURING THE NEXT 24-HOUR PERIOD.

A. NON-ENERGETIC SUBFLARES CONTINUE AT THE RATE OF ABOUT ONE PER HOUR FROM ANY ONE OF THREE REGIONS IN THE NE QUADRANT. THE LARGEST SPOT GROUP VISIBLE IS THE BIPOLE E/85° FEATURE NEAR N17E28. IT HAS BEEN ACTIVE THESE PAST 24 HOURS BUT NO MORE OR NO LESS THAN ANY OTHER REGION FACING EARTH. NO ADDITIONAL M EVENTS HAVE BEEN REPORTED SINCE THE 02/1041Z FLARE. AN IMPORTANCE 3 SURGE, EXTENDING OUT TO A MAXIMUM OF 0.25 SOLAR RADIUS, BEGAN ABOUT 03/0145Z NEAR N25 ON THE EAST LIMB. THE REGION ROTATING INTO VIEW THERE HAS ONLY A MODERATELY BRIGHT PLAGE AND IN WHITE LIGHT THE CONFIGURATION DISCERNABLE IS A SIMPLE J-TYPE. GEOMAGNETIC CONDITIONS ARE QUIET.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 SEPT/0400Z ENDING 06 SEPT/0400Z.

CLASS M OR GREATER 90/90/90

CLASS X 15/20/25

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 02/2000Z WERE BOTH 154.

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HAUS BOU 031700Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 738B ISSUED 1700Z 03 SEP 1970

ONE OR TWO CLASS-M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A MODERATELY LOW LEVEL DURING THE PAST 13 HOURS; ONLY RELATIVELY NON-ENERGETIC CLASS-C FLARES AND SURGES HAVE BEEN REPORTED. THE REGION NEAR N23E75 PRESENTLY IS THE SITE OF MUCH OF THE RECENT ACTIVITY, BUT THAT REGION DOES NOT APPEAR PARTICULARLY DYNAMIC EITHER IN WHITE LIGHT OR IN H-ALPHA. SMALL BRIGHTENINGS AND SUBFLARES HAVE BEEN OBSERVED IN THE TRAILER PORTION OF THE LARGE REGION AT N17E21, AND A FEW SMALL FLARES HAVE OCCURRED IN THE N19E02 REGION. SPECTROHELIOGRAPHIC ANALYSIS OF THE N17E21 REGION INDICATES THAT THAT REGION HAS BECOME MAGNETICALLY MORE COMPLEX THAN IT WAS 24 HOURS AGO. UNSETTLED CONDITIONS HAVE CHARACTERIZED THE GEOMAGNETIC FIELD DURING THE PAST 24 HOURS.

B. INFREQUENT ENERGETIC EVENTS ARE ANTICIPATED DURING THE FORECAST PERIOD. THE N23E75 AND N17E21 REGIONS ARE LIKELY TO PRODUCE MOST OF THE ACTIVITY DURING THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN SOMEWHAT UNSETTLED FOR AT LEAST THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 SEP/1700Z ENDING 06 SEP/1700Z.

CLASS M OR GREATER 85/85/85

CLASS X 10/10/10

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 03/1400Z WAS 158. PREDICTED 10.7 CM FLUX FOR 04-06 SEP IS 162/165/166.

E. MAGNETIC A-FREDERICKSBURG FOR 02 SEP WAS 13. FOR 03 SEP ABOUT 11. PREDICTED AP FOR 04-06 SEP, 12/12/10.

SOLTERWARN

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HAUS BOU 031700Z

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