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KMSC

HAUS BOU 080400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 743A ISSUED 0400Z 08 SEPTEMBER 1970

CLASS C FLARES ARE EXPECTED AND AN OCCASIONAL CLASS M FLARE IS PROBABLE DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY CONTINUED AT A MODERATELY LOW LEVEL DURING THE PAST 11 HOURS. THE MAJORITY OF THE ACTIVITY HAS BEEN FROM REGION N17W35. THE REGION N17W35 HAS SHOWN ONLY LITTLE CHANGE. THE FILAMENT IN THE NORTHERN PORTION OF THE GROUP HAS DISAPPEARED. THE REGION STILL CONTAINS A DELTA CONFIGURATION. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT ITS PRESENT LEVEL WITH CLASS C FLARES AND AN OCCASIONAL CLASS M. THE GEOMAGNETIC FIELD WILL HAVE PERIODS OF DISTURBED CONDITIONS STARTING ABOUT THE 10TH.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 SEPT/0400Z ENDING 11 SEPT/0400Z

CLASS M OR GREATER 90/90/90

CLASS X 15/15/15

PROTON EVENTS 10/10/15

D. OTTAWA 10.7 CM FLUXES FOR 07/1700Z AND 07/2000Z WERE 162 AND 167 RESPECTIVELY.

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HAUS BOU 081705Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 743B ISSUED 1700Z 08 SEP 1970

(INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 24 HOURS

A. SOLAR ACTIVITY CONTINUES AT A SLUGGISH PACE. ONE CLASS M FLARE OCCURRED AT 08/1232Z, LOCATION N17W43, OPTICALLY CLASSIFIED AS A SB AND 1B BY TWO DIFFERENT OBSERVATORIES. THE FLARE HAD A MINOR RADIO BURST AND SWFS AT 15 MHZ ASSOCIATED WITH IT. THE N17W45 REGION CONTINUES TO DECAY; ITS DELTA CONFIGURATIONS HAVE WEAKENED AND THE EAST AND WEST PORTIONS OF THE LEADER CONTINUE TO SPLIT. BRIGHT POINTS HAVE BEEN OBSERVED IN THE PLAGE MOST OF THE MORNING. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETLED THE PAST 2 HOURS.

B. THE AUG 12 PROTON EVENT REGION IS DUE TO RETURN ON 9 SEP, HOWEVER, IT WAS SMALL AND INACTIVE AS IT LEFT THE WEST LIMB AND IS NOT EXPECTED TO BE ACTIVE ON ITS RETURN. THEREFORE ACTIVITY WILL DEPEND LARGEMLY ON THE N17W43 REGION WHICH IS EXPECTED TO CONTINUE PRODUCING SUBFLARES AND OCCASIONAL BORDERLINE CLASS M FLARES.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 SEP/1700Z ENDING 11 SEP/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 15/15/15

PROTON EVENTS 10/10/15

D. OTTAWA 10.7CM FLUX FOR 08/1400Z WAS 155. PREDICTED 10.7CM FLUX FOR 09-11 SEP IS 150/147/144.

E. MAGNETIC A-FREDERICKSBURG FOR 07 AUG WAS 06. FOR 08 AUG ABOUT 10. PREDICTED AP FOR 09-11 AUG IS 10/10/08.

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