

KMSC

HAUS BOU 070400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 742A ISSUED 0400Z 07 SEPTEMBER 1970

CLASS C FLARES ARE EXPECTED AND CLASS M FLARES ARE PROBABLE DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT ITS MODERATELY LOW LEVEL DURING THE PAST 11 HOURS. ONLY NON-ENERGETIC CLASS C SUBFLARES HAVE BEEN OBSERVED. THE REGION N17W23 HAS PRODUCED MOST OF THE ACTIVITY AND IT IS STILL THE LARGE COMPLEX REGION IT HAS BEEN FOR SEVERAL DAYS. MT WILSON HAS CLASSIFIED THE REGION BETA GAMMA AND IT DOES CONTAIN A DELTA CONFIGURATION. THE GEOMAGNETIC FIELD IS QUIET.

B. THE REGION N17W23 IS CAPABLE OF PRODUCING CLASS M FLARES. OTHER REGIONS ARE SIMPLE AND INACTIVE. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07 SEPT/0400Z ENDING 10 SEPT/0400Z
CLASS M OR GREATER 90/90/90

CLASS X 15/15/15

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUXES FOR 06/1700Z AND 06/2000Z WERE 159 AND 162 RESPECTIVELY.

SOLTERWARN

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KMSC

HAUS BOU 071700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 742B ISSUED 1700Z 07 SEP 1970

SMALL M FLARES REMAIN THE UPPER LIMIT ON ACTIVITY FOR THE NEXT 11 HOURS.

A. APPROXIMATELY 12 NON-ENERGETIC FLARES HAVE BEEN REPORTED TODAY. THE MAJORITY OF THESE CLASS C ERUPTIONS OCCURRED WITHIN THE LARGE QUIESCENT REGION NOW NEAR N18W30. CHANGES NOTED SINCE YESTERDAY IN THIS BIPOLAR GROUP HAVE BEEN MINOR ONES. THE SHORT FILAMENT NORTH OF THE MASSIVE LEADER HAS BEEN SLIGHTLY ACTIVE WHILE THE OVERALL HYDROGEN PLAGE CONTINUES TO EXHIBIT ONLY FLUCTUATIONS AND POINT BRIGHTENINGS. UNDISTURBED CONDITIONS PREVAIL GEOMAGNETICALLY.

B. THERE EXISTS LITTLE EVIDENCE FOR A RADICAL DEPARTURE THESE NEXT 3 DAYS FROM THE CURRENT DULL ACTIVITY LEVEL. HOWEVER, IF FOR NO OTHER REASON THAN ITS SIZE, AN OCCASIONAL M EVENT IS ANTICIPATED FROM THE N18W30 CENTER. THE PLANETARY A-INDEX MAY RISE ABOVE 10 ON THE 10TH.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07 SEP/1700Z ENDING 10 SEP/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 15/15/15

PROTON EVENTS 05/10/15

D. OTTAWA 10.7CM FLUX FOR 07/1400Z WAS 165. PREDICTED 10.7CM FLUX FOR 08-10 SEP IS 154/159/153.

E. MAGNETIC A-FREDERICKSBURG FOR 06 SEP WAS 06. FOR 07 SEP ABOUT 05. PREDICTED AP FOR 08-10 SEP IS 04/09/13.

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