

NNNNUU0350

NNNNUM0352

NNNNDM

KMSC

HAUS BOU 060400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 741A ISSUED 0400Z 06 SEPTEMBER 1970

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

A. SOLAR ACTIVITY DURING THE PAST 11 HOURS HAS BEEN RATHER SLOW. ONLY NON ENERGETIC SUBFLARES HAVE BEEN OBSERVED AND MOST OF THESE HAVE BEEN FROM REGION N18W09. THE REGION N18W09 IS STILL THE MOST IMPRESSIVE AND POTENTIAL FLARE PRODUCING REGION ON THE DISK. MT WILSON CLASSIFIES THE REGION AS A BETA GAMMA WITH A DELTA CONFIGURATION. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE PROBABLE FROM THE REGIONS N18W09 AND N18W29. THE OTHER REGIONS ARE RELATIVELY QUIET. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 SEPT/0400Z ENDING 09 SEPT/0400Z

CLASS M OR GREATER 90/90/90

CLASS X 10/10/10

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUXES FOR 05/1700Z AND 05/2000Z WERE 175 AND 163 RESPECTIVELY.

SOLTERWARN

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NNNN1710

NNNNUM

KMSC

HAUS BOU 061715Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 741B ISSUED 1700Z 06 SEP 1970

INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. MODERATELY LOW SOLAR ACTIVITY CONTINUES IN THE FORM OF SUB-FLARES FROM THE REGION NOW LOCATED AT N18W18. A CLASS M, OPTICALLY SB, FLARE OCCURRED IN THIS REGION AT 06/1419Z LOCATION N18W15. THIS FLARE HAD MINOR SIDS ASSOCIATED WITH IT AND VERY MINOR RADIO BURST. THE TRAILER HAS GROWN WITH SMALLER SPOTS FORMING TO THE SW. CONTINUOUS EMISSION OF DECAMETRIC RADIO BEGAN YESTERDAY. THE GEOMAGNETIC FIELD IS QUIET.

B. THE NW REGION RETAINS IT COMPLEX STRUCTURE AND IS CAPABLE OF PRODUCING INFREQUENT ENERGETIC FLARES. OTHER REGIONS APPEAR TO HAVE LOST THEIR ZIP AND ONLY OCCASIONAL SUBFLARES ARE EXPECTED FROM HERE. A PERIOD OF SLIGHTLY UNSETTLED GEOMAGNETIC CONDITIONS IS EXPECTED TO BEGIN ON 08/1000Z AS DEDUCED FROM SATELLITE PIONEER SIX DATA.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 SEP/1700Z ENDING 09 SEP/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 15/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX FOR 06/1400Z WAS 160. PREDICTED 10.7 CM FLUX FOR 07-09 SEPT IS 160/160/160.

E. MAGNETIC A-FREDERICKSBURG FOR 05 SEPT WAS 08. FOR 06 SEPT ABOUT 06. PREDICTED AP FOR 07-09 SEPT, 10/10/10.

SOLTERWARN

SPAN

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