

NNNNB0357

NNNN0357

NNNNIMVLM

KMSC

HAUS BOU 280400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 763A ISSUED 0400Z 28 SEPTEMBER 1970

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

A. ONE CLASS M 1 PLUS EVENT WAS RECORDED DURING THE PAST 11 HOURS. THE EVENT WAS OBSERVED BY SATELLITE DETECTORS STARTING 27/2058Z WITH MAXIMUM 27/2140Z. A FLARE ONE/TWO NORMAL WAS OBSERVED 27/2125Z WITH MAXIMUM AT 2138Z IN REGION N13W17. THIS REGION WHICH IS PART OF A RATHER COMPLEX REGION IN THE NORTHWEST HAS ALSO GIVEN SEVERAL SUB-FLARES. THE OTHER DISK REGIONS HAVE BEEN QUIET. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED.

B. CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED DURING THE NEXT 72 HOURS. THE REGIONS IN THE NORTHWEST ARE MOST LIKELY FOR FLARE ACTIVITY. THE GEOMAGNETIC DISTURBANCE WILL CONTINUE FOR 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 SEPT/0400Z ENDING 01 OCT/0400Z

CLASS M OR GREATER 35/35/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 27/1700Z AND 27/2000Z WERE 149 AND 146 RESPECTIVELY.

SOLTERWARN

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NNNN1700

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KMSC

HAUS BOU 231700

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 763B ISSUED 1700Z 28 SEPT 1970

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. A 1N, CLASS M1 FLARE OCCURRED AT 0420Z LOCATION S10E23. ALL DISK REGIONS HAVE SHOWN A SLIGHT DECLINE SINCE YESTERDAY EXCEPT FOR THE NEW BIPOLAR THAT HAS EMERGED NEAR N17E05 AND NOW CONTAINS BRIGHT PLAGE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW NON-ENERGETIC LEVEL. THE REGIONS MOST LIKELY TO PRODUCE SUB-FLARES ARE N23W30, N13W31, AND N17E05. LIMB ACTIVITY CAN BE EXPECTED FROM NW21. THE DAILY GEOMAGNETIC A INDEX IS EXPECTED TO AVERAGE 10 FOR THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 SEPT/1700Z ENDING 01 OCT/1700Z.

CLASS M OR GREATER 35/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 28/1400Z WAS 145. PREDICTED 10.7CM FLUX FOR 29 SEPT-01 OCT IS 144/144/144.

E. MAGNETIC A-FREDERICKSBURG FOR 27 SEPT WAS 16. FOR 28 SEPT ABOUT 08. PREDICTED AP FOR 29 SEPT-01 OCT IS 08/10/08.

SOLTERWARN

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