

NNNNUU0350

NNNNUM

KMSC

HAUS BOU 130400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 595A ISSUED 0400Z 13 APRIL 1970

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

A. THE NORTH WEST REGION PRODUCED A CLASS M EVENT. AT 12/1718Z IN N10W49 A FLARE SB COMBINED WITH ANOTHER SB 12/1725Z AT N13W45 PRODUCED AN X-RAY EVENT AND SPA, ALSO AN SWF WAS NOTED. IT WAS NOT A MAJOR 10 CM FLARE HOWEVER. SEVERAL OBSERVATORIES COMBINED THE TWO FLARES INTO AN OPTICAL 1B. THERE HAVE BEEN NUMEROUS CLASS C FLARES FROM N17W02 AND S08E50. THE OTHER REGIONS ON THE DISK HAVE BEEN RELATIVELY QUIET. THE GEOMAGNETIC FIELD WAS SLIGHTLY DISTURBED EARLIER BUT IS QUIET AT THIS TIME.

B. CLASS C FLARES WITH AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED FROM REGIONS N17W02, N11W52 AND S08E45 DURING THE NEXT 13 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13 APRIL/0400Z ENDING 16 APRIL/0400Z

CLASS M OR GREATER 90/90/90

CLASS X 15/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUXES 12/1700Z AND 2000Z WERE 200 AND 201 RESPECTIVELY.

SOLTERWARN

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NNNN001720

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HAUS BOU 131710Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 595B ISSUED 1700Z 13 APRIL 1970

CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. ATTENTION HAS NOW SHIFTED TO A VERY ACTIVE REGION WHICH IS ABOUT TO ROTATE OVER EL AT N17. SIX IMPORTANCE 3 BSL'S HAVE BEEN OBSERVED THERE DURING THE PAST 13 HOURS. THE REMAINING DISK FEATURES HAVE PRODUCED A LOW NUMBER OF CLASS C FLARES. THE TWO LEADER SPOTS AT N17W10 HAVE MERGED INTO ONE LARGE LEADER SPOT. THE REGION AT N11W61 CONTAINS AN EMBEDDED FILAMENT WHICH COULD BECOME ACTIVE. THE GEOMAGNETIC FIELD IS CURRENTLY SLIGHTLY DISTURBED. ATS-1 SATELLITE PROTON FLUXES ARE AT BACKGROUND.

B. CLASS M ACTIVITY IS EXPECTED TO INCREASE AS THE NE LIMB REGIONS ROTATES INTO VIEW.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 13/1700Z ENDING 16/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 15/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 186. PREDICTED 180/175/180.

E. MAGNETIC A-FREDERICKSBURG FOR 12 APRIL WAS 05. FOR 13 APRIL ABOUT 03 PREDICTED AP FOR 14-16 APRIL, 8/8/8.

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