

NNNN0359

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KMSC

HAUS BOU 230400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 635A ISSUED 0400Z 23 MAY 1970

CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED DURING THE NEXT 13 HOURS.

A. NUMEROUS SUBFLARES, CLASS C, HAVE BEEN OBSERVED DURING THE LAST 11 HOURS. ONE CLASS M FLARE WAS OBSERVED 22/1900Z IN REGION N15W60. THIS REGION TOGETHER WITH REGION N15E01 HAVE PRODUCED THE MAJORITY OF ACTIVITY. NEW SPOTS HAVE DEVELOPED IN THE LEADER PORTION OF THE NORTH WEST REGION. THE REGION N17W59 HAS PRODUCED MANY SURGES DURING THE PAST 14 HOURS. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS C AND AN OCCASIONAL CLASS M FLARES CAN BE EXPECTED FROM REGION N17W59 AND N15E01 DURING THE NEXT 24 HOURS. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 MAY/0400Z ENDING 26 MAY/0400Z

CLASS M OR GREATER 50/50/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 22/1700Z AND 2000Z WERE 166 AND 165 RESPECTIVELY.

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HAUS BOU 231705Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 635B ISSUED 1700Z 23 MAY 1970

CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE ARE ANTICIPATED DURING THE NEXT 11 HOURS.

A. DURING THE PAST 13 HOURS, MOST SOLAR ACTIVITY HAS OCCURRED IN THE REGION AT N17W70; THIS REGION HAS PRODUCED NUMEROUS CLASS C SUB-FLARES, AS WELL AS QUITE A FEW IMPORTANCE TWO AND IMPORTANCE THREE SURGES. NO CLASS M EVENTS HAVE BEEN CONFIRMED, HOWEVER. SLIGHT SPOT GROWTH HAS BEEN OBSERVED AT S09W57, N14E19, AND S14E30, THOUGH FLARE ACTIVITY IN THOSE REGIONS HAS BEEN ESSENTIALLY NEGLIGIBLE. A NEW C-TYPE SPOT GROUP HAS FORMED AT S09W24. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY QUIET.

B. CLASS C FLARES, SURGES, AND PERHAPS ONE OR TWO CLASS M FLARES, ARE EXPECTED FROM THE REGION AT N17W70 DURING THE NEXT 24 HOURS. A SLIGHT MAGNETIC DISTURBANCE IS EXPECTED TO BEGIN IN ABOUT 12 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 MAY/1700Z ENDING 26 MAY/1700Z.

CLASS M OR GREATER 60/60/50

CLASS X 05/05/05

PROTON EVENTS 04/04/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 162. PREDICTED 155/150/147.

E. MAGNETIC A-FREDERICKSBURG FOR 22 MAY WAS 06. FOR 23 MAY ABOUT 08. PREDICTED AP FOR 24-26 MAY, 12/10/07.

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