

NNNNUU0349

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KMSC

HAUS BOU 020400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 614A ISSUED 0400Z 02 MAY 1970

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. ONLY CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS.

THE REGION AT N19W23 HAS SHOWN GROWTH IN ITS LEADER PORTION. THE

TWO REGIONS N13E57 AND S11E53 ARE CONNECTED BY A LARGE FILAMENT.

THE FILAMENT PRESENT IN REGION S11E04 BEFORE THE FLARE REPORTED IN

SDF 613B HAS NOW DISAPPEARED. THE OTHER REGIONS ON THE DISK ARE

QUIET. THE GEOMAGNETIC FIELD IS NOW QUIET AFTER HAVING BEEN SOME-

WHAT DISTURBED.

B. THE FOUR REGIONS N19W23, N13E57, S11E53 AND S11E04 ARE THE

POTENTIAL FLARE PRODUCING REGIONS ON THE DISK. CLASS C FLARES AND

AN OCCASIONAL CLASS M FLARE ARE PROBABLE DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR

PERIODS BEGINNING 02 MAY/0400Z ENDING 05 MAY/0400Z

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 01/1700Z AND 2000Z WERE 157 AND 163

RESPECTIVELY.

SOLTERWARN

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HAUS BOU 021715Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 614B ISSUED 1700Z 02 MAY 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. DISK ACTIVITY THE PAST 13 HOURS HAS CONSISTED OF TWO CLASS C SUBFLARES. INCREASING SURGE ACTIVITY ON THE EAST LIMB NEAR N16-20 IS PROBABLY ORIGINATING IN A RETURNING REGION CURRENTLY ABOUT SEVENTEEN HOURS BEYOND THE LIMB. THIS REGION PRODUCED 16 CLASS M EVENTS DURING ITS LAST DISK PASSAGE.

DISK FEATURES SHOW NO MAJOR CHANGES. THE GEOMAGNETIC FIELD IS QUIET.

B. ACTIVITY FROM DISK REGIONS IS EXPECTED TO REMAIN AT A LOW LEVEL FOR THE NEXT 72 HOURS. CLASS M ACTIVITY MUST BE CONSIDERED POSSIBLE FROM THE RETURNING REGION IN THE NE UNTIL THIS REGION CAN BE EVALUATED TOWARD THE END OF THIS FORECAST PERIOD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 02 MAY/1700Z ENDING 05/1700Z.

CLASS M OR GREATER 40/50/50

CLASS X 02/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 159. PREDICTED 165/170/175.

E. MAGNETIC A-FREDERICKSBURG FOR 01 MAY WAS 12. FOR 02 MAY ABOUT 10.

PREDICTED AP FOR 03-05 MAY, 10/10/08.

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