

NNNN0420

NNNN

KMSC

HAUS BOU 130425Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 564A ISSUED 0400Z 13 MAR 1970

INFREQUENT M ACTIVITY IS EXPECTED DURING THE NEXT 13-HOUR PERIOD.

A. THE INCREASE IN ACTIVITY EARLY YESTERDAY WAS EVIDENTLY A SHORT-LIVED ONE. ONLY SCATTERED SUBFLARES HAVE BEEN REPORTED SINCE THE LAST MESSAGE. THERE ARE TWO NEW DEVELOPING REGIONS IN THE NE QUADRANT, HOWEVER THEIR SIZE AND COMPLEXITY DO NOT YET RENDER THEM AS A MAJOR FLARE THREAT. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN ANY OF THE OTHER SPOT GROUPS CURRENTLY VISIBLE.

B. M FLARES, IF ANY, DURING THE NEXT 3 DAYS ARE EXPECTED TO OCCUR WITHIN THE SMALL BETA-GAMMA GROUP NEAR S13W59.

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

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUXES FOR 12/1700 AND 2000Z WERE 166 AND 164 RESPECTIVELY.

SOLTERWARN

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HAUS BOU 131700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 564B ISSUED 1700Z 13 MARCH 1970

CLASS M FLARES ARE PROBABLE DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY IS CURRENTLY AT A LOW LEVEL WITH ONLY CLASS C FLARES BEING OBSERVED. THE LARGEST CLASS C EVENT WAS AN IMPORTANCE 1M FLARE AT 13/0128Z AT S13W30. THIS REGION HAS ADDED ONLY A SLIGHT AMOUNT OF PENUMBRAL GROWTH IN ITS CENTRAL SPOT REGION. THE REMAINING REGIONS ARE UNCHANGED AND UNIMPRESSIVE. SOME CONDENSATION MATERIAL HAS BEEN OBSERVED AT S25EL. THE GEOMAGNETIC FIELD IS QUIET. ATS-1 SATELLITE PROTON FLUXES ARE AT BACKGROUND.

B. ONLY SPORADIC CLASS M FLARES ARE EXPECTED FROM THE S13W37 REGION DURING THE NEXT 3 DAYS.

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

CLASS M OR GREATER 50/40/40

CLASS X 10/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 154. PREDICTED 152/148/140.

E. MAGNETIC A-FREDERICKSBURG FOR 12 MAR WAS 04. FOR 13 MAR ABOUT 08. PREDICTED AP FOR 14-16 MAR 06/06/08.

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