

HAUS BOU 120410Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 563A IDDED 0400Z 12 MAR 1970

M FLARE ACTIVITY IS PROBABLE DURING THE NEXT 13 HOURS.

A. CLASS C FLARES REMAIN AT AN INFREQUENT LEVEL PRIMARILY FROM TWO SW GROUPS-ONE NEAR S17E84 AND THE OTHER NEAR S14W46. THE FORMER IS CURRENTLY THE BRIGHTEST IN H-ALPHA ON THE DISK. STRUCTURAL CHANGES REPORTED IN THESE TWO SMALL GROUPS AS WELL AS IN THE REMAINING SEVEN HAVE BEEN MINOR. APPARENTLY THE MOST SIGNIFICANT EVENT IN ABOUT 2 DAYS IS CURRENTLY IN PROGRESS NEAR S14W46. THIS IMP 2N OR B FLARE BEGAN ABOUT 12/0304Z. PRELIMINARY REPORTS-HF SIGNAL ATTENUATION AND VELA SATELLITE X-RAY ALERTS - ATTEST TO ITS PROBABLE M CLASSIFICATION.

B. SPORADIC M EVENTS ARE ANTICIPATED FROM ANY ONE OF THREE REGIONS DURING THE NEXT 3 DAYS, MORE SPECIFICLY THOSE NEAR N20W34, S14W46, AND S14W16.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 MAR/0400Z ENDING 15 MAR/0400Z.

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX FOR 11/1700Z WAS 161.

SOLTERWARN

SPAN

BT

NNNN0410

NNNN

KMSC

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CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX FOR 11/1700Z WAS 161.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 563B ISSUED 1700Z 12 MARCH 1970

CLASS M FLARES ARE PROBABLE DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY IS INCREASING WITH THE LATEST CLASS M EVENT AN IMPORTANCE 2N AT 12/0631Z AT N23W30. THIS REGION IN BOTH WHITE LIGHT AND H-ALPHA IS UNIMPRESSIVE. THE MOST SIGNIFICANT CHANGE ON THE DISK HAS BEEN THE PENUMBRAL GROWTH AND ADDED COMPLEXITY OF THE TRAILING PORTION OF THE REGION AT S14W27. THE BRIGHTEST REGION ON THE DISK IS LOCATED AT S13W54. THIS GROUP CONTAINS AN UNUSUAL E-W KINKED NEUTRAL LINE. THE REMAINING REGIONS ARE SMALL AND UNIMPRESSIVE. THE GEOMAGNETIC FIELD IS CURRENTLY SLIGHT DISTURBED.

B. THE S14W27 REGION SHOULD BE WATCHED FOR FURTHER DEVELOPMENT.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12/1700Z ENDING 15/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 168. PREDICTED 160/160/155.

E. MAGNETIC A-FREDERICKSBURG FOR 11 MAR WAS 01. FOR 12 MAR ABOUT 06. PREDICTED AP FOR 13-15 MAR 08/08/08.

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