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KMSC

HAUS BOU 240400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 516A ISSUED 0400Z 24 JANUARY 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. DURING THE PAST 24 HOURS ONLY A FEW CLASS C EVENTS HAVE BEEN OBSERVED. THE GEOMAGNETIC FIELD REMAINS QUIET ALSO.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT ITS PRESENT LEVEL FOR THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 JAN/0400Z ENDING 27 JAN/0400Z

CLASS M OR GREATER 25/25/25

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX 23/1700Z AND 2000Z WERE 159 AND 161 RESPECTIVELY.

SOLTERWARN

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NNNN1750

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KMSC

HAUS BOU 241750Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 516B ISSUED 1700Z 24 JANUARY 1970

CLASS C FLARES ARE EXPECTED IN THE NEXT 11 HOURS.

A. MOST ACTIVITY IN THE LAST 24 HOURS IS THOUGHT ASSOCIATED WITH THE REGION ROTATING OVER WEST LIMB AT S13. X-RAY BURSTS TENTATIVELY CLASSED AS OF M-ENERGY BEGAN 24/0218Z AND 24/0655Z. ELSEWHERE, CONSIDERABLE GROWTH IS APPARENT EQUATORWARD OF THE LEADING PORTION OF THE S17E22 REGION. DEVELOPMENT OF A N/S BIPOLAR PAIR IS POSSIBLE. COMPLEXITY OF NEUTRAL LINE, WITH ACCOMPANYING INSTABILITY, IS APPARENT IN S02E51 REGION. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED AT HIGH LATITUDES.

B. CLASS M FLARES MAY BE EXPECTED FOR A SHORT PERIOD (PERHAPS 12 HOURS) UNTIL S13WL REGION SUFFICIENTLY OBSCURED. NO OTHER REGIONS APPEAR CAPABLE OF MAJOR ACTIVITY. **YET.**

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 24 JAN/1700Z ENDING 27/1700Z.

CLASS M OR GREATER 45/25/25

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 150. PREDICTED 142/134/126.

E. MAGNETIC A-FREDERICKSBURG FOR 23 JAN WAS 04. FOR 24 JAN ABOUT 06. PREDICTED AP FOR 25-27 JAN; 08/08/08.

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