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HAUS BOU 221710

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 787B ISSUED 1700Z 22 OCT 1970

NOTHING MORE THAN CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. INFREQUENT CLASS C FLARES CONTINUE TO CHARACTERIZE SOLAR ACTIVITY. DEVELOPMENTAL CHANGES ACROSS THE DISK HAVE BEEN SMALL AND PRIMARILY WITHIN THE N14E38 AND N11W09 FEATURES. A C-TYPE SPOT GROUP HAS ROTATED INTO VIEW AT ABOUT N14. THE PLAGE THERE IS CURRENTLY THE BRIGHTEST VISIBLE.

B. OVERALL ACTIVITY IS EXPECTED TO REMAIN NEAR THE CURRENT SUN-SPOT MINIMUM LEVEL THROUGHOUT THE NEXT 3 DAYS. FREDERICKSBURG'S A-INDEX SHOULD EXCEED 10 TODAY AND TOMORROW WITH AN UPPER LIMIT NEAR 17.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 OCT/1700Z ENDING 25 OCT/1700Z.

CLASS M OR GREATER 25/35/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 22/1400Z WAS 134. PREDICTED

10.7 CM FLUX FOR 23-25 OCT IS 138/139/141.

E. MAGNETIC A-FREDERICKSBURG FOR 21 OCT WAS 00. FOR 22 OCT ABOUT 08. PREDICTED AP FOR 23-25 OCT, 12/10/07.

SOLTERWARN

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