

KMSC

HAUS BOU 260400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 487A ISSUED 0400Z 26 DEC 1969

ONLY CLASS C FLARES ARE EXPECTED.

A. SOLAR ACTIVITY CONTINUES UNCOMFORTABLY AT A LOW LEVEL WITH ONLY MINOR SUB FLARES REPORTED. THE 10 CM FLUX HAS NOT DECLINED AS EXPECTED EARLIER. MOUNT WILSON OBSERVATORY INDICATED A BRIGHT CALCIUM PLAGE REGION JUST COMING OVER THE NORTH EAST LIMB.

B. NO MAJOR ACTIVITY IS EXPECTED. THE TWO REGIONS IN THE SOUTH WEST (S11W20 AND S20W05) COMBINED SHOULD BE CAPABLE OF PRODUCING AT LEAST ONE CLASS M FLARE IN THE NEXT 3 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 DEC/0400Z ENDING 29 DEC/0400Z.

CLASS M OR GREATER 30/40/40

CLASS X 5/5/5

PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX WAS 159 AT 25/1700 AND 158 AT 25/2000Z.

SOLTERWARN

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*0100Z*

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CLASS X 5/5/5

PROTON EVENTS 2/2/2

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HAUS BOU 261700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 487B ISSUED 1700Z 26 DEC 69

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

A. AN IMPORTANCE 1B FLARE WAS OBSERVED AT S08W16 AT 26/0232Z AND WAS FOLLOWED BY ANOTHER IMPORTANCE 1B FLARE AT S22W08 AT 26/0235Z. THIS SECOND FLARE PRODUCED A MODERATELY LARGE CLASS M X-RAY BURST A COMPLEX 10CM RADIO BURST A TOTAL SWF AT 5MHZ AND AN IMPORTANCE 2 SPA. OVERALL FLARE ACTIVITY HAS BEEN VERY LOW WITH NO MAJOR CHANGES NOTED IN ANY OF THE REGIONS. A SMALL A-TYPE SPOT GROUP IS LOCATED AT N17E72. THE GEOMAGNETIC FIELD IS QUIET.

B. SPORADIC CLASS M FLARES ARE EXPECTED FROM THE S11W29 AND S18W13 REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26/1700Z ENDING 29/1700Z.

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 158. PREDICTED 154/150/145.

E. MAGNETIC A-FREDERICKSBURG FOR 25 DEC WAS 08. FOR 26 DEC ABOUT 07. PREDICTED AP FOR 27-29 DEC; 10/10/10.

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