

NNNN0356

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KMSC HAUS BOU 270400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 488A ISSUED 0400Z 27 DECEMBER 1969

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

A. DURING THE PAST 11 HOURS SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED. THE SOUTH WEST REGIONS HAVE PRODUCED MOST OF THE ACTIVITY. NONE OF THE REGIONS APPEAR VERY ACTIVE. THE GEOMAGNETIC FIELD IS RELATIVELY QUIET.

B. INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 DEC/0400Z ENDING 30 DEC/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX 26/1700Z AND 2000Z WERE 156 AND 157 RESPECTIVELY.

SOLTERWARN

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KMSC

HAUS BOU 271755Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 488B ISSUED 1700Z 27 DECEMBER 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 11 HOURS.

A. A CLASS M FLARE WAS OBSERVED IN THE S11W39 REGION BEGINNING 27/0508Z. THE TRAILING SPOTS IN THIS REGION ARE REPORTED DECAYING HOWEVER. A RETURNING CENTER OF ACTIVITY IS NOW AT N12EL. LIMB ACTIVITY INDICATES DEVELOPMENT WHILE ON THE INVISIBLE HEMISPHERE. THIS REGION IS THOUGHT TO BE THE SOURCE OF A METER-WAVELENGTH NOISE STORM CURRENTLY IN PROGRESS. PROTON FLUXES NEAR EARTH REMAIN AT BACKGROUND. A MAGNETIC BAY WAS OBSERVED BEGINNING 27/1018Z AND THE GEOMAGNETIC FIELD REMAINS SLIGHTLY DISTURBED.

B. CLASS M FLARES ARE EXPECTED FROM S11W39 AND N12EL REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 DEC/1700Z ENDING 30 DEC/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 153. PREDICTED 156/160/160.

E. MAGNETIC A-FREDERICKSBURG FOR 26 DEC WAS 07. FOR 27 DEC ABOUT 13. PREDICTED AP FOR 28-30 DEC; 10/08/08.

SOLTERWARN

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