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HAUS BOU 070400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 468A ISSUED 0400Z 07 DECEMBER 1969

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

A. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 11 HOURS. ONLY CLASS C FLARES HAVE BEEN OBSERVED. MOST ACTIVITY HAS BEEN FROM THE REGION NOW AT N23W7. AS THIS REGION PASSES THE WEST LIMB IT WILL CONTINUE ITS MINOR ACTIVITY. THE REGION THAT PRODUCED THE FLARE 06/1607Z HAS NOW DEVELOPED A LARGE A TYPE SPOT WHICH WILL PROBABLY DEVELOP TO J TYPE. OTHER REGIONS ARE STABLE. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. SOLAR ACTIVITY WILL REMAIN AT A LOW LEVEL DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07 DEC/0400Z ENDING 10 DEC/0400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX 06/1700Z AND 2000Z WERE 128 AND 130

RESPECTIVELY

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 468B ISSUED 1700Z 07 DEC 1969

ONLY CLASS C ACTIVITY EXPECTED DURING THE NEXT 11 HOURS.

A. ACTIVITY REMAINS AT A LOW LEVEL AND THE SOLAR DISK REMAINS UNIMPRESSIVE. THE MOST SIGNIFICANT ACTIVITY THE PAST 11 HOURS CONSISTED OF AN IMP ONE NORMAL FLARE AND ASSOCIATED IMP 2 BSL AT 07/0737Z IN THE REGION NOW NEAR N23W90 AND THE ERUPTION OF A LARGE HEDGEROW PROMINENCE NEAR NE 20 BEGINNING AT 07/1005Z. A NEW SPOT GROUP IS EVOLVING IN A SMALL PLAGE NEAR N08W27. THE MINOR GEOMAGNETIC STORM WHICH HAD A GRADUAL ONSET AT ABOUT 05/0500Z HAS BEEN GIVEN A TENTATIVE END TIME OF 05/1600Z.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL FOR THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07 DEC/1700Z ENDING 10/1700Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 125. PREDICTED 125/125/125.

E. MAGNETIC A-FREDERICKSBURG FOR 06 DEC WAS 15. FOR 07 DEC ABOUT 05 PREDICTED AP FOR 08-10 DEC, 08/10/10.

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