

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 008A ISSUED 0400Z 08 JAN 1971

SPORADIC CLASS-C FLARES AND PERHAPS ONE CLASS-M FLARE ARE ANTICIPATED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 11 HOURS; ONLY A FEW CLASS-C FLARES HAVE BEEN REPORTED. SOME MINOR DEVELOPMENT HAS BEEN OBSERVED IN THE REGION AT S06E29, AND THE LONGITUDINAL NEUTRAL LINE SEEMS TO HAVE BECOME SOMEWHAT MORE SINUOUS. A NOISE STORM AT 184 MHZ, PROBABLY PRODUCED BY THE S06E29 REGION, HAS BEEN IN PROGRESS FOR AT LEAST 12 HOURS. THE GEOMAGNETIC FIELD HAS REMAINED QUIET DURING THE PAST 24 HOURS.

B. DURING THE THREE-DAY FORECAST PERIOD, SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY; THE S06E29 REGION PROBABLY WILL PRODUCE INFREQUENT, SMALL CLASS-M EVENTS IF DEVELOPMENT CONTINUES. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN RELATIVELY QUIET DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 JAN/0400Z ENDING 11 JAN/0400Z.

CLASS M OR GREATER 55/60/60

CLASS X 02/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 07/1700Z AND 07/2000Z WERE 155 AND 152 RESPECTIVELY.

SOLTERWARN

SPAN

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NNNN0358

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KMSC

HAUS BOU 080400

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CLASS X 02/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 07/1700Z AND 07/2000Z WERE 155 AND 152 RESPECTIVELY.

SOLTERWARN

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HAUS BOU 081700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 008B ISSUED 1700Z 08 JAN 1971

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY IS VERY LOW. ALL FOUR DISK REGIONS HAVE STABILIZED.

B. CONTINUED LOW ACTIVITY EXPECTED. REGIONS RETURNING IN THE NEXT 48 HOURS EXPECTED TO CONTRIBUTE LITTLE TO THE OVERALL ACTIVITY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 8 JAN/1700Z ENDING 11 JAN/1700Z.

CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVETNS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 08/1400Z WAS 155. PREDICTED 10.7 CM FLUX FOR 9-11 JAN IS 153/160/162.

E. MAGNETIC A-FREDERICKSBURG FOR 7 JAN WAS 00. FOR 8 JAN ABOUT 00 PREDICTED AP FOR 9-11 JAN, 02/03/04.

SOLTERWARN

SPAN

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