

NNNN1704

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KMSC

HAUS BOU 011700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 001B ISSUED 1700Z 01 JANUARY 1971

ONLY MINOR ACTIVITY IS EXPECTED DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 13 HOURS. ONLY FIVE FLARES, ALL SUBFAINT, HAVE BEEN REPORTED SO FAR THIS UT DAY. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN FEATURES ON THE SOLAR DISK. SURGES ON THE EAST LIMB MARK THE RETURN OF A PREVIOUSLY ACTIVE COMPLEX NEAR N14. AN ACTIVE PROMINENCE ON THE SE LIMB MAY INDICATE THAT A REGION IS APPROACHING THE LIMB NEAR S10. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. A RELATIVELY LOW LEVEL OF ACTIVITY IS EXPECTED FOR THE NEXT 24 HOURS. THEREAFTER ACTIVITY MAY INCREASE, DEPENDING ON THE LEVEL OF ACTIVITY IN THE REGION APPROACHING THE NE LIMB. ENERGETIC EVENTS MUST BE CONSIDERED POSSIBLE FROM THIS REGION FOR THE NEXT 48 HOURS. QUIET GEOMAGNETIC CONDITIONS SHOULD CONTINUE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01 JAN/1700Z ENDING 04 JAN/1700Z.

CLASS M OR GREATER 45/45/50

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 01/1400Z WAS 137. PREDICTED 10.7 CM FLUX FOR 02-04 JAN IS 140/143/146.

E. MAGNETIC A-FREDERICKSBURG FOR 31 DEC WAS 02. FOR 01 JAN ABOUT 06. PREDICTED AP FOR 02-04 JAN IS 08/08/08.

NOTE-BEGINNING 01 JAN 1971 THESE REPORTS WILL BE NUMBERED ACCORDING TO THE JULIAN DATE OF THE REPORT.

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KMSC

HAUS BOU 010400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 001A ISSUED 0400Z 01 JANUARY 1971

OCCASIONAL CLASS-C FLARES ARE ANTICIPATED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS DECLINED TO A LOW LEVEL DURING THE PAST 11 HOURS; ONLY A FEW CLASS-C SUBFLARES HAVE BEEN REPORTED.

FLUCTUATING, MODERATELY BRIGHT PLAGE IS PRESENT IN THE REGIONS AT N04E41, N13W27, AND S13W55, BUT LITTLE RECENT FLARE ACTIVITY HAS BEEN OBSERVED AT THOSE SITES. THE OTHER DISK REGIONS PRESENTLY ARE UNIMPRESSIVE. QUIET GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST 24 HOURS.

B. A RELATIVELY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED DURING THE FORECAST PERIOD; OCCASIONAL CLASS-C AND ONE OR TWO SMALL CLASS-M FLARES ARE LIKELY DURING THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD PROBABLY WILL REMAIN RELATIVELY QUIET FOR AT LEAST THE NEXT 24 HOURS.

NOTE: BEGINNING WITH THIS MESSAGE, ALL SUCH REPORTS IN 1971 WILL BE NUMBERED ACCORDING TO THE JULIAN DATE OF THE REPORT.

HAPPY NEW YEAR.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01 JAN/0400Z ENDING 04 JAN/0400Z.

CLASS M OR GREATER 50/45/45

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 31/1700Z AND 31/2000Z WERE 138 AND 134 RESPECTIVELY.

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