

NNNN

KBOU

HFUS BOU 210500

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 172A ISSUED 0500Z 21 JUNE 1971

ONLY AN OCCASIONAL CLASS C FLARE IS EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. SEVERAL NEW SPOT GROUPS HAVE APPEARED DURING THE PAST 24 HOURS BUT NONE ARE DYNAMIC OR ACTIVE. ALL THE REGIONS ARE STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 21 JUNE/0000Z ENDING 23 JUNE/2400Z

CLASS M OR GREATER 10/15/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

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PP KGFF

DE KBOU 212220

ZUI KGFF SVC ZDK HFUS BOU 212200

HFUS BOU 212200

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 172B ISSUED 2200Z 21 JUNE 1971

INFREQUENT CLASS C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL. MOST OF THE PRESENT REGIONS ARE QUIET AND STABLE. THE SPOT IN THE TRAILER AT S18E29 HAS GROWN SLIGHTLY. THE EAST LIMB HAS PRODUCED A FEW SURGES AT NE12, NE16, AND SE08. SLIGHT ABSORPTION FEATURES HAVE BEEN OBSERVED AT S11W61. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT MINIMUM FLARE CONDITIONS. THE GEOMAGNETIC FIELD WILL PROBABLY ALSO CONTINUE TO REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 JUNE/0000Z ENDING 24 JUNE/2400Z.

CLASS M OR GREATER 10/12/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 21/1400Z, 21/1700Z AND 21/2000Z WERE 93, 92 AND 91 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 22-24 JUNE IS 91/90/90.

E. MAGNETIC A-FREDERICKSBURG FOR 20 JUNE WAS 03. FOR 21 JUNE ABOUT 04. PREDICTED AP FOR 22-24 JUNE, 04/05/05.

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