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KBOU

HFUS BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 200 ISSUED 2200Z 18 JULY 1972

A. SOLAR ACTIVITY CONTINUES TO BE LOW. ONLY THREE SUBFLARES HAVE BEEN OBSERVED IN THE LAST 24 HOURS, ALL IN REGION 296 /S09E07/. NEW REGIONS APPEAR TO BE DEVELOPING NEAR S15E18 AND N11W03. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. ALL REGIONS ON THE DISK ARE FAIRLY STABLE AND DO NOT AT PRESENT SEEM TO HAVE STRONG ENOUGH FIELD GRADIENTS TO PRODUCE MAJOR ACTIVITY. MINOR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL FOR THE NEXT 48 TO 72 HOURS. THE GEOMAGNETIC FIELD SHOULD REMAIN QUIET TO MILDLY UNSETTLED.

C. EVENT PROBABILITIES 19 JULY/0000Z-21 JULY/2400Z

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 18 JULY/1700Z 105

PREDICTED 19-21 JULY 104-102-100

E. A-FREDERICKSBURG

OBSERVED 17 JULY 008

ESTIMATED 10 JULY 006

PREDICTED 19-21 JULY 006-008-008

SOLTERWARN

SPAN2

BT