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KBOU

HFUS BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 195 ISSUED 2200Z 13 JULY 1972

A. SOLAR ACTIVITY FOR THE PAST 24 HR. HAS BEEN LOW.

ONLY MINOR SUBFLARE ACTIVITY HAS BEEN REPORTED WITH REGIONS 269 (N08W76), 286 (N12W65) AND 293 (S09E63) GIVING MORE THAN ONE SUBFLARE EACH. NO SIGNIFICANT GROWTH OF ANY OF THE REGIONS ON THE DISK HAS BEEN OBSERVED DURING THIS PERIOD. PLAGE AREA IS STILL LOW FOR THE ENTIRE DISK. THE MAGNETIC FIELD CAN BE EXPECTED TO BE MILDLY UNSETTLED.

B. A SLIGHT INCREASE IN THE LEVEL OF ACTIVITY CAN BE EXPECTED DUE TO REGIONS APPEARING IN THE EAST. PRIMARILY 293 AND 296 (S07E80). REGION 286 CAN BE EXPECTED TO CONTINUE PRODUCTION OF SUBFLARES. THE SECTOR BOUNDARY INFERRED FROM H-ALPHA PRINTS AT CENTRAL MERIDIAN ON 12 JUL 72 MAY INCREASE THE MAGNETIC ACTIVITY TO AN ACTIVE STATE LATE IN THIS 72 HOUR PERIOD.

C. EVENT PROBABILITIES 14 JUL 72/0000Z - 16 JUL 72/2400Z

CLASS M 35/40/40

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7CM FLUX

OBSERVED 13 JUL 72/1700Z 119

PREDICTED 14 JUL 72 - 16 JUL 72 115 - 115 - 115

E. A-FREDERICKSBURG

OBSERVED 12 JUL 72 008

ESTIMATED 13 JUL 72 003

PREDICTED 14 JUL 72 - 16 JUL 72 10 - 17 - 15

SOLTERWARN

BT