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HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197 ISSUED 2200Z 15 JULY 1972

A. DEPARTING REGION 286 /N10W90/ PRODUCED SMALL CLASS M X-RAY FLARES AT 142005Z AND 151123Z. THE FOUR REMAINING REGIONS HAVE SHOWN ONLY MINOR CHANGES DURING THE PAST PERIOD AND MT. WILSON REPORTS THAT THEIR MAGNETIC STRUCTURES ARE SIMPLE. REGION 296 /S09E49/ HAS BEEN THE MOST UNSTABLE DISK REGION, PRODUCING MINOR INTENSITY FLUCTUATIONS AND SIX NON-ENERGETIC SUBFLARES. THE GEOMAGNETIC FIELD IS QUIET.

B. REGION 286 HAS ALMOST COMPLETED LIMB TRANSIT, BUT CLASS M ACTIVITY IS STILL POSSIBLE FROM THIS REGION DURING THE EARLY PART OF THE FORECAST PERIOD. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME MILDLY UNSETTLED.

C. EVENT PROBABILITIES JULY 16/0000Z-JULY 18/2400Z

CLASS M 50/30/25

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED JULY 15/1700Z 114

PREDICTED JULY 16-JULY 18 115-116-120

E. A-FREDERICKSBURG

OBSERVED 14 JULY 03

ESTIMATED 15 JULY 04

PREDICTED 16 JULY-18 JULY 11-10-08

SOLTERWARN

SPAN2

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