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KBOU

HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 196 ISSUED 2200Z 14 JULY 1972

A. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS, WITH EVENTS LIMITED TO SUBFLARES ALMOST EXCLUSIVELY IN REGION 286 /N12W81/.

REGION 296 /S07E62/ HAS ALSO PRODUCED SUBFLARES. THE EAST LIMB HAS BEEN DORMANT, AND THE WEST LIMB HAS SHOWN ACTIVITY AS REGION 269 /NW5-10/ LEAVES THE DISK. THE GEOMAGNETIC FIELD HAS REMAINED QUIET.

B. SOLAR ACTIVITY WILL REMAIN LOW, WITH THE NUMBER OF SUBFLARES ON THE DISK DECREASING AS REGION 286 LEAVES THE DISC AND INCREASING AGAIN AS REGIONS 293 AND 296 DEVELOP. ENERGETIC FLARES MAY BE PRODUCED IN THESE REGIONS IF THEY INTERACT. THE GEOMAGNETIC FIELD MAY BECOME UNSETTLED WITH AN ANTICIPATED SECTOR BOUNDARY PASSAGE.

C. EVENT PROBABILITIES JULY 15/0000Z-JULY 17/2400Z

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED JULY 14/1700Z 116

PREDICTED JULY 15-JULY 17 118-118-120

E. A-FREDERICKSBURG

OBSERVED 13 JULY 02

ESTIMATED 14 JULY 02

PREDICTED 15 JULY-17 JULY 04-08-05

SOLTERWARN

SPAN2

BT