

NNNN

KBOU

HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER-BOULDER COLO

SDF NUMBER 194 ISSUED 2200Z JULY 12 1972

A. SOLAR ACTIVITY REMAINED AT A LOW LEVEL FOR THIS PERIOD. OBSERVED FLARE ACTIVITY WAS CONFINED TO MINOR SUBFLARES, PRIMARILY FROM REGION 286 /N13W50/. DISK FEATURES ARE QUITE UNIMPRESSIVE AT THIS TIME, ESPECIALLY IN TERMS OF H-ALPHA PLAGE AREA AND BRIGHTNESS. MAGNETIC STRUCTURE IS RELATIVELY SIMPLE WITH THE EXCEPTION OF REGION 286 WHICH EXHIBITS BETA-GAMMA STRUCTURE AT THIS TIME. THE MAGNETIC FIELD HAS BEEN MODERATELY DISTURBED.

B. ENERGETIC ACTIVITY IS NOT PARTICULARLY EXPECTED DURING THE NEXT 72 HOURS. OF THE REGIONS ON THE DISK AT THIS TIME, 286 AND RETURNING REGIONS 288 /N09E69/ AND 293 /S10E75/ PROBABLY BEAR THE MOST WATCHING. NO RETURNING REGIONS ARE EXPECTED DURING THIS PERIOD. THE MAGNETIC FIELD CAN BE EXPECTED TO REMAIN MODERATELY DISTURBED.

C. EVENT PROBABILITIES 13 JULY 72/0000Z-15 JULY 72/2400Z.

CLASS M 35/35/35

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7CM FLUX

OBSERVED 12 JULY 72/1700Z 115

PREDICTED 13 JULY 72-15 JULY 72 114-114-114

E. A-FREDERICKSBURG

OBSERVED 11 JULY 72 007

ESTIMATED 12 JULY 72 007

PREDICTED 13 JULY 72-15 JULY 72 008-012-010

SOLTERWARN

SPAN

BT