

SDF issued at 2118UT 26 FEB 87

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 057

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 26 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z TO 26/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. BOTH OF THE SPOTTED REGIONS, 4772 (S24W21) AND 4773 (N39E53), HAVE BEEN QUIET AND STABLE. OCCASIONAL TYPE III SWEEP AND DISCRETE FREQUENCY RADIO ACTIVITY HAVE BEEN RECORDED DURING THE INTERVAL.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW THROUGHTOUT THE PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED AT ALL LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO PERSIST AT QUIET TO UNSETLED LEVELS FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 27 FEB-01 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 FEB 075

PREDICTED 27 FEB-01 MAR 076/076/076

DAY MEAN 26 FEB 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 25 FEB 009/008

ESTIMATED AFR/AP 26 FEB 005/009

PREDICTED AFR/AP 27 FEB-01 MAR 005/010-005/010-005/010