

HFUS3 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 364

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 29 DEC 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 28/2100 TO 29/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4611 (S10W13) HAS DECAYED SOMEWHAT, BUT REMAINS A B-TYPE SPOT REGION. ONE NEW REGION APPEARED TODAY AND WAS NUMBERED 4612 (S14W64). IT HAS A SIMPLE A-TYPE SPOT GROUP.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 28/2100Z TO 29/2100Z: THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH ISOLATED PERIODS AT MINOR STORM LEVELS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN ACTIVE, WITH ISOLATED PERIODS OF MINOR STORM POSSIBLE.

III. EVENT PROBABILITIES 30 DEC-01 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 DEC 075

PREDICTED 30 DEC-01 JAN 074/074/074

90 DAY MEAN 29 DEC 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 28 DEC 022/030

ESTIMATED AFR/AP 29 DEC 022/020

PREDICTED AFR/AP 30 DEC-01 JAN 019/025-017/025-015/020

SOLTERWARN

BT