

HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 001

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 01 JAN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 31/2100
TO 01/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. SPOTLESS (AS IS
THE REST OF THE SUN) REGION 4611 (S09 CAR 352) MANAGED TO
PRODUCE ONE OPTICAL SUBFLARE AT 0716UT. NO NEW REGIONS WERE
NUMBERED TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 31/2100Z TO 01/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH OCCASIONAL MINOR
STORM CONDITIONS AT ALL LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO CONTINUE ACTIVE ON THE 2ND OF JANUARY. ON THE 3RD
AND 4TH OF JANUARY UNSETTLED CONDITIONS ARE EXPECTED TO
PREDOMINATE.

III. EVENT PROBABILITIES 02 JAN-04 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 JAN 070

PREDICTED 02 JAN-04 JAN 070/069/070

90 DAY MEAN 01 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 31 DEC 018/022

ESTIMATED AFR/AP 01 JAN 021/025

PREDICTED AFR/AP 02 JAN-04 JAN 017/020-014/015-010/010

SOLTERWARN

BT