

HFUS 3 BOU 072200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 007

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 07 JAN 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100
TO 07/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. ALL DISK REGIONS
ARE SIMPLE IN STRUCTURE. REGION 4391 (S05E10) IS EMERGING
RAPIDLY TODAY.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE EXTENDED E-W CORONAL
HOLE THAT EXISTED THE LAST TWO ROTATIONS BETWEEN N10-20 DEGREES
IS NOT EVIDENT ON THE KITT PEAK 10830 THIS ROTATION. HOWEVER,
SOME RESIDUAL EFFECTS MAY STILL EXIST. THE FIELD IS EXPECTED TO
BE UNSETTLED, BUT WITH PERIODS AT ACTIVE LEVELS, THROUGH THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 08 JAN-10 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JAN 090

PREDICTED 08 JAN-10 JAN 090/089/089

90 DAY MEAN 07 JAN 096

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 JAN 010/015

ESTIMATED AFR/AP 07 JAN 006/010

PREDICTED AFR/AP 08 JAN-10 JAN 014/015-012/015-014/020

SOLTERWARN

BT