

AFUS3 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 006

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 06 JAN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 05/2100 TO 06/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A NEW REGION HAS DEVELOPED AND IS NUMBERED 4613 (N07-CAR254). THIS REGION HAS ONE SMALL SPOT AND IS CURRENTLY THE ONLY SPOT VISIBLE ON THE SOLAR DISK.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 05/2100Z TO 06/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY AT QUIET TO SLIGHTLY UNSETTLED LEVELS DURING THE PAST 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE AT ACTIVE LEVELS THROUGH THE FORECAST PERIOD. THIS ACTIVITY IS EXPECTED DUE TO THE DISAPPEARANCE OF FILAMENTS AND RECURRENT PATTERNS.

III. EVENT PROBABILITIES 07 JAN-09 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 JAN 070

PREDICTED 07 JAN-09 JAN 070/072/072

90 DAY MEAN 06 JAN 076

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 05 JAN 006/008

ESTIMATED AFR/AP 06 JAN 008/010

PREDICTED AFR/AP 07 JAN-09 JAN 015/015-016/020-018/025

SOLTERWARN

BT