

HFUS3 BOU 122200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 012
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 12 JAN 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100
TO 12/2100Z: SOLAR ACTIVITY REMAINS VERY LOW.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. THIS ACTIVITY IS
BELIEVED TO BE RELATED TO THE CORONAL HOLE THAT CROSSED CENTRAL
MERRIDIAN ON 6 JAN.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE AT ACTIVE TO MINOR STORM LEVELS ON THE FIRST DAY
OF THE FORECAST IN RESPONSE TO THE CORONAL HOLE. UNSETLED TO
ACTIVE CONDITIONS ARE EXPECTED FOR THE REMAINDER OF THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 13 JAN-15 JAN

CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JAN 071
PREDICTED 13 JAN-15 JAN 071/071/071
90 DAY MEAN 12 JAN 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 11 JAN 020/020
ESTIMATED AFR/AP 12 JAN 018/020
PREDICTED AFR/AP 13 JAN-15 JAN 020/030-010/020-010/015
SOLTERWARN
BT