JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 030 ISSUED AT 2200Z ON 30 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100Z TO 30/2100Z: SOLAR ACTIVITY WAS VERY LOW. OCCASIONAL B-CLASS SUBFLARES OCCURRED. ALL REGIONS WERE SIMPLE AND STABLE. NO NEW REGIONS WERE ASSIGNED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. THERE IS A FAIR CHANCE FOR AN ISOLATED C-CLASS SUBFLARE FROM REGION 7412 (S15E40).
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET TO UNSETTLED LEVELS FOR THE PAST 24 HOURS. ACTIVE TO MINOR STORM LEVELS OCCURRED AT HIGH LATITUDES NEAR 30/1200-1500Z. THIS ACTIVITY MAY HAVE BEEN CAUSED BY CORONAL HOLE EFFECTS.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED. BRIEF PERIODS OF ACTIVE LEVELS MAY OCCUR DURING THE FIRST DAY, ESPECIALLY AT HIGH LATITUDES.
III. EVENT PROBABILITIES 31 JAN-02 FEB
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 30 JAN 113
PREDICTED 31 JAN-02 FEB 110/110/105
90 DAY MEAN 30 JAN 135
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 29 JAN 004/004
ESTIMATED AFR/AP 30 JAN 012/012
PREDICTED AFR/AP 31 JAN-02 FEB 012/012-010/010-010/010
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 31 JAN-02 FEB
A. MIDDLE LATITUDES
ACTIVE 35/20/20
MINOR STORM 15/10/10
MAJOR-SEVERE STORM 01/01/01
B. HIGH LATITUDES
ACTIVE 20/20/20
MINOR STORM 35/10/10
MAJOR-SEVERE STORM 10/01/01