JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 021 ISSUED AT 2200Z ON 21 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100Z TO 21/2100Z: SOLAR ACTIVITY WAS VERY LOW. ALL OF THE SPOTTED REGIONS ON THE DISK ARE SIMPLE, STABLE, AND UNIMPRESSIVE. A NEW H-TYPE GROUP ROTATED INTO VIEW TODAY AS 7407 (S07E68).
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT MOSTLY QUIET LEVELS FOR THE PAST 24 HOURS. SOME ISOLATED UNSETTLED PERIODS WERE OBSERVED AT HIGH LATITUDES.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE PREDOMINANTLY QUIET FOR THE NEXT TWO DAYS AND QUIET TO UNSETTLED ON DAY THREE.
III. EVENT PROBABILITIES 22 JAN-24 JAN
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 21 JAN 107
PREDICTED 22 JAN-24 JAN 105/105/105
90 DAY MEAN 21 JAN 141
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 20 JAN 011/010
ESTIMATED AFR/AP 21 JAN 007/008
PREDICTED AFR/AP 22 JAN-24 JAN 005/007-005/007-005/010
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 22 JAN-24 JAN
A. MIDDLE LATITUDES
ACTIVE 10/10/10
MINOR STORM 05/05/05
MAJOR-SEVERE STORM 01/01/01
B. HIGH LATITUDES
ACTIVE 10/10/10
MINOR STORM 05/05/05
MAJOR-SEVERE STORM 01/01/01