JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 020 ISSUED AT 2200Z ON 20 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 19/2100Z TO 20/2100Z: SOLAR ACTIVITY WAS VERY LOW. ALL REGIONS ON THE DISK WERE STABLE AND QUIET.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 19/2100Z TO 20/2100Z: THE GEOMAGNETIC FIELD WAS MOSTLY QUIET TO UNSETTLED. HIGH LATITUDES EXPERIENCED SOME ISOLATED MINOR STORM PERIODS FROM 0900-1800Z.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE PREDOMINANTLY UNSETTLED FOR THE NEXT 24 HOURS. CONDITIONS SHOULD BE AT QUIET TO UNSETTLED LEVELS FOR THE SECOND AND THIRD DAYS.
III. EVENT PROBABILITIES 21 JAN-23 JAN
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 20 JAN 110
PREDICTED 21 JAN-23 JAN 105/105/105
90 DAY MEAN 20 JAN 141
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 19 JAN 019/014
ESTIMATED AFR/AP 20 JAN 015/010
PREDICTED AFR/AP 21 JAN-23 JAN 015/015-005/010-005/010
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 21 JAN-23 JAN
A. MIDDLE LATITUDES
ACTIVE 25/10/10
MINOR STORM 10/05/05
MAJOR-SEVERE STORM 05/01/01
B. HIGH LATITUDES
ACTIVE 35/10/10
MINOR STORM 15/05/05
MAJOR-SEVERE STORM 05/01/01