JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 022 ISSUED AT 2200Z ON 22 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100Z TO 22/2100Z: SOLAR ACTIVITY WAS VERY LOW. NO FLARES WERE OBSERVED. ALL REGIONS ON THE DISK ARE QUIET, SIMPLE AND STABLE.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET LEVELS FOR THE PAST 24 HOURS.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY QUIET FOR THE NEXT 24 HOURS, AND QUIET TO UNSETTLED ON DAY TWO. CONDITIONS ARE EXPECTED TO BE MOSTLY UNSETTLED WITH SOME BRIEF ACTIVE PERIODS ON DAY THREE DUE TO POSSIBLE CORONAL HOLE EFFECTS AT THAT TIME.
III. EVENT PROBABILITIES 23 JAN-25 JAN
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 22 JAN 104
PREDICTED 23 JAN-25 JAN 105/105/110
90 DAY MEAN 22 JAN 140
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 21 JAN 004/006
ESTIMATED AFR/AP 22 JAN 005/006
PREDICTED AFR/AP 23 JAN-25 JAN 005/007-005/010-015/015
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 23 JAN-25 JAN
A. MIDDLE LATITUDES
ACTIVE 10/10/20
MINOR STORM 05/05/15
MAJOR-SEVERE STORM 01/01/05
B. HIGH LATITUDES
ACTIVE 10/10/25
MINOR STORM 05/05/15
MAJOR-SEVERE STORM 01/01/05