JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 018 ISSUED AT 2200Z ON 18 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z TO 18/2100Z: SOLAR ACTIVITY WAS LOW. THERE ARE FIVE SPOTTED REGIONS ON THE DISK WHICH ARE ALL UNIMPRESSIVE. REGION 7401 (S12E08) SHOWS THE MOST POTENTIAL FOR ANY TYPE OF ACTIVITY.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: THE GEOMAGNETIC FIELD HAS BEEN MOSTLY QUIET TO UNSETTLED THE PAST 24 HOURS. UNSETTLED PERIODS WERE DURING THE NIGHTTIME HOURS MAINLY AT THE HIGHER LATITUDES.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED.
III. EVENT PROBABILITIES 19 JAN-21 JAN
CLASS M 10/10/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 18 JAN 122
PREDICTED 19 JAN-21 JAN 120/120/120
90 DAY MEAN 18 JAN 142
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 17 JAN 011/009
ESTIMATED AFR/AP 18 JAN 008/010
PREDICTED AFR/AP 19 JAN-21 JAN 005/010-005/010-005/010
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 19 JAN-21 JAN
A. MIDDLE LATITUDES
ACTIVE 20/20/20
MINOR STORM 05/05/05
MAJOR-SEVERE STORM 01/01/01
B. HIGH LATITUDES
ACTIVE 20/20/20
MINOR STORM 10/10/10
MAJOR-SEVERE STORM 01/01/01