JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 019 ISSUED AT 2200Z ON 19 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100Z TO 19/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE SIX SPOTTED REGIONS ON THE DISK ARE ESSENTIALLY SIMPLE AND BENIGN. NO SIGNIFICANT LIMB ACTIVITY WAS REPORTED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: THE GEOMAGNETIC FIELD WAS PREDOMINANTLY QUIET TO UNSETTLED. ISOLATED ACTIVE CONDITIONS OCCURRED AT BOTH MID AND HIGH LATITUDES.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO MILDLY ACTIVE THE NEXT 24 HOURS. QUIET TO UNSETTLED CONDITIONS SHOULD PREVAIL THE LAST TWO DAYS.
III. EVENT PROBABILITIES 20 JAN-22 JAN
CLASS M 10/10/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 19 JAN 116
PREDICTED 20 JAN-22 JAN 110/105/105
90 DAY MEAN 19 JAN 141
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 18 JAN 010/008
ESTIMATED AFR/AP 19 JAN 015/013
PREDICTED AFR/AP 20 JAN-22 JAN 015/018-015/015-010/010
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 20 JAN-22 JAN
A. MIDDLE LATITUDES
ACTIVE 30/30/20
MINOR STORM 05/05/05
MAJOR-SEVERE STORM 05/05/01
B. HIGH LATITUDES
ACTIVE 40/40/20
MINOR STORM 20/20/10
MAJOR-SEVERE STORM 05/05/01