JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 014 ISSUED AT 2200Z ON 14 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100Z TO 14/2100Z: SOLAR ACTIVITY WAS LOW. THE ONLY X-RAY ACTIVITY NOTED WAS THREE UNCORRELATED C1'S. AN EPL WAS NOTED ON THE SE LIMB AT 14/0655UT. REGION 7400 (S09W31) SHOWED CONTINUED SLOW GROWTH. ALL OTHER REGIONS WERE STABLE OR DECAYING. REGION 7403 (N13E85) WAS ASSIGNED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW. REGION 7400 SHOWS THE BEST POTENTIAL FOR C-CLASS ACTIVITY AND HAS AN OUTSIDE CHANCE OF AN ISOLATED M-CLASS FLARE.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT MOSTLY UNSETTLED LEVELS FOR THE PAST 24 HOURS. HIGH LATITUDE STATIONS SAW MINOR STORM LEVELS FROM 14/1500Z TO 14/1800Z.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED FOR THE FIRST DAY, THEN UNSETTLED TO ACTIVE FOR THE REMAINDER OF THE PERIOD.
III. EVENT PROBABILITIES 15 JAN-17 JAN
CLASS M 10/15/15
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 14 JAN 133
PREDICTED 15 JAN-17 JAN 135/130/130
90 DAY MEAN 14 JAN 141
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 13 JAN 010/009
ESTIMATED AFR/AP 14 JAN 014/015
PREDICTED AFR/AP 15 JAN-17 JAN 010/015-015/015-015/015
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 15 JAN-17 JAN
A. MIDDLE LATITUDES
ACTIVE 25/35/40
MINOR STORM 05/10/10
MAJOR-SEVERE STORM 05/05/05
B. HIGH LATITUDES
ACTIVE 25/35/45
MINOR STORM 10/10/10
MAJOR-SEVERE STORM 05/10/10