JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 006 ISSUED AT 2200Z ON 06 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 05/2100Z TO 06/2100Z: SOLAR ACTIVITY WAS VERY LOW. ISOLATED B-CLASS SUBFLARES OCCURRED. MINOR SPOT DEVELOPMENT OCCURRED IN REGIONS 7386 (S05E01) AND 7387 (S24E05). NEW REGION 7395 (N11E72) WAS ASSIGNED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW. REGIONS 7386 AND 7387 MAY PRODUCE ISOLATED C-CLASS FLARES.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 05/2100Z TO 06/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET TO UNSETTLED LEVELS FOR THE PAST 24 HOURS. A BRIEF PERIOD OF MINOR STORMING WAS OBSERVED AT HIGH LATITUDES.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED. ACTIVE LEVELS ARE POSSIBLE DURING THE FINAL DAY OF THE PERIOD DUE TO CORONAL HOLE EFFECTS.
III. EVENT PROBABILITIES 07 JAN-09 JAN
CLASS M 20/20/20
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 06 JAN 131
PREDICTED 07 JAN-09 JAN 135/140/145
90 DAY MEAN 06 JAN 139
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 05 JAN 016/013
ESTIMATED AFR/AP 06 JAN 010/012
PREDICTED AFR/AP 07 JAN-09 JAN 010/012-010/012-015/015
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 07 JAN-09 JAN
A. MIDDLE LATITUDES
ACTIVE 20/20/30
MINOR STORM 10/10/15
MAJOR-SEVERE STORM 01/01/05
B. HIGH LATITUDES
ACTIVE 20/20/45
MINOR STORM 10/10/15
MAJOR-SEVERE STORM 01/01/10