JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 008 ISSUED AT 2200Z ON 08 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 07/2100Z TO 08/2100Z: SOLAR ACTIVITY WAS VERY LOW. A COUPLE B-CLASS SUBFLARES OCCURRED WITHIN REGION 7394 (S18W19) WHICH DISPLAYED SIGNIFICANT GROWTH. NEW REGION 7398 (N06E42) WAS NUMBERED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW. REGIONS 7394 AND 7386 (S05W25) MAY PRODUCE ISOLATED C-CLASS SUBFLARES.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 07/2100Z TO 08/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET TO UNSETTLED LEVELS FOR THE PAST 24 HOURS.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED. ACTIVE PERIODS ARE POSSIBLE DURING THE FIRST TWO DAYS DUE TO CORONAL HOLE EFFECTS.
III. EVENT PROBABILITIES 09 JAN-11 JAN
CLASS M 20/20/20
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 08 JAN 133
PREDICTED 09 JAN-11 JAN 140/145/150
90 DAY MEAN 08 JAN 139
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 07 JAN 019/016
ESTIMATED AFR/AP 08 JAN 010/010
PREDICTED AFR/AP 09 JAN-11 JAN 015/015-015/015-012/010
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 09 JAN-11 JAN
A. MIDDLE LATITUDES
ACTIVE 25/30/20
MINOR STORM 10/10/05
MAJOR-SEVERE STORM 05/05/01
B. HIGH LATITUDES
ACTIVE 30/35/20
MINOR STORM 10/15/05
MAJOR-SEVERE STORM 05/10/01