JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 224 ISSUED AT 2200Z ON 12 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 11/2100Z TO 12/2100Z: SOLAR ACTIVITY WAS AT LOW LEVELS. REGIONS 7562 (N09W69) AND 7563(S01E48) HAVE BEEN THE MOST ACTIVE REGIONS. REGION 7562 ERUPTED WITH AN C1/SF FLARE AND BOTH REGIONS HAVE EXHIBITED GROWTH.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE AT LOW LEVELS. THE MAJORITY OF THE ACTIVITY IS EXPECTED TO BE COMING FROM REGIONS 7562 AND 7563.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 11/2100Z TO 12/2100Z: 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 QUIET TO UNSETTLED LEVELS.
III. EVENT PROBABILITIES 13 AUG-15 AUG
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 12 AUG 101
PREDICTED 13 AUG-15 AUG 105/105/110
90 DAY MEAN 12 AUG 104
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 11 AUG 004/006
ESTIMATED AFR/AP 12 AUG 005/010
PREDICTED AFR/AP 13 AUG-15 AUG 005/010-010/010-015/010
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 13 AUG-15 AUG
A. MIDDLE LATITUDES
ACTIVE 15/30/30
MINOR STORM 10/15/15
MAJOR-SEVERE STORM 01/05/05
B. HIGH LATITUDES
ACTIVE 20/30/30
MINOR STORM 10/15/15
MAJOR-SEVERE STORM 05/05/05