JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 341 ISSUED AT 2200Z ON 07 DEC 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100Z TO 07/2100Z: SOLAR ACTIVITY WAS LOW. REGION 7629 (S22E02) SLOWED ITS GROWTH AND SIMPLIFIED MAGNETICALLY. IT HAD ONLY A FEW C-CLASS SUBFLARES DURING THE DAY. HOWEVER, IT REMAINS THE MOST INTERESTING REGION ON THE DISK.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD WAS GENERALLY QUIET UNTIL MIDWAY IN THE PERIOD. ACTIVE TO MINOR STORM CONDITIONS HAVE PREVAILED SINCE.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED. THE CURRENT DISTURBANCE SHOULD DECLINE BY EARLY 08 DECEMBER.
III. EVENT PROBABILITIES 08 DEC-10 DEC
CLASS M 20/20/20
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 07 DEC 107
PREDICTED 08 DEC-10 DEC 110/105/105
90 DAY MEAN 07 DEC 097
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 06 DEC 005/006
ESTIMATED AFR/AP 07 DEC 013/013
PREDICTED AFR/AP 08 DEC-10 DEC 005/010-005/010-005/005
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 08 DEC-10 DEC
A. MIDDLE LATITUDES
ACTIVE 25/10/10
MINOR STORM 10/05/05
MAJOR-SEVERE STORM 05/01/01
B. HIGH LATITUDES
ACTIVE 30/20/15
MINOR STORM 10/10/10
MAJOR-SEVERE STORM 05/05/01