JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 240 ISSUED AT 2200Z ON 28 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100Z TO 28/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THERE ARE FOUR SIMPLE SPOT GROUPS NOW VISIBLE. ACTIVE PROMINENCES WERE OBSERVED ON BOTH THE SOUTHWEST AND SOUTHEAST LIMBS.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE INCREASINGLY MORE DISTURBED OVER THE NEXT 72 HOURS. A NORTH POLAR CROWN CORONAL HOLE IS MOVING INTO A GEOEFFECTIVE POSITION AND SHOULD CAUSE UNSETTLED TO ACTIVE CONDITIONS BY THE END OF THE INTERVAL.
III. EVENT PROBABILITIES 29 AUG-31 AUG
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 28 AUG 088
PREDICTED 29 AUG-31 AUG 085/085/080
90 DAY MEAN 28 AUG 101
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 27 AUG 019/017
ESTIMATED AFR/AP 28 AUG 010/010
PREDICTED AFR/AP 29 AUG-31 AUG 005/010-010/015-015/020
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 29 AUG-31 AUG
A. MIDDLE LATITUDES
ACTIVE 15/20/40
MINOR STORM 05/10/20
MAJOR-SEVERE STORM 01/05/15
B. HIGH LATITUDES
ACTIVE 30/30/40
MINOR STORM 15/20/25
MAJOR-SEVERE STORM 05/10/15