JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 219 ISSUED AT 2200Z ON 07 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 06/2100Z TO 07/2100Z: SOLAR ACTIVITY WAS VERY LOW. THERE ARE FOUR VERY ORDINARY SPOTTED REGIONS NOW VISIBLE. REGION 7558 (N12E10) IS THE LARGEST AND NEWLY ASSIGNED REGION 7560 (N17E73) THE MOST RECENT ADDITION. VERY LITTLE ACTIVITY OF ANY SIGNIFICANCE WAS REPORTED IN THE PAST 24 HOURS.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 06/2100Z TO 07/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET TO ACTIVE LEVELS. SUBSTORMING OCCURRED DURING LOCAL NIGHTTIMES.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED THROUGH 09 AUGUST. INTERVALS OF QUIET CONDITIONS SHOULD END THE PERIOD.
III. EVENT PROBABILITIES 08 AUG-10 AUG
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 07 AUG 091
PREDICTED 08 AUG-10 AUG 090/085/090
90 DAY MEAN 07 AUG 105
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 06 AUG 019/019
ESTIMATED AFR/AP 07 AUG 018/016
PREDICTED AFR/AP 08 AUG-10 AUG 015/015-010/010-005/008
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 08 AUG-10 AUG
A. MIDDLE LATITUDES
ACTIVE 30/30/20
MINOR STORM 15/15/10
MAJOR-SEVERE STORM 05/05/05
B. HIGH LATITUDES
ACTIVE 35/30/25
MINOR STORM 15/15/10
MAJOR-SEVERE STORM 05/05/05