JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 231 ISSUED AT 2200Z ON 19 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100Z TO 19/2100Z: SOLAR ACTIVITY WAS VERY LOW. TWO B-CLASS X-RAY BURSTS OCCURRED, ONE OF WHICH WAS ASSOCIATED WITH A SUBFLARE FROM REGION 7566 (S09E50). MINOR GROWTH WAS OBSERVED WITHIN THIS REGION. NO NEW REGIONS WERE ASSIGNED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. REGION 7566 PROVIDES A FAIR CHANCE FOR A C-CLASS SUBFLARE.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET TO UNSETTLED LEVELS FOR THE PAST 24 HOURS. A FEW ISOLATED ACTIVE PERIODS WERE REPORTED.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT QUIET TO UNSETTLED LEVELS.
III. EVENT PROBABILITIES 20 AUG-22 AUG
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 19 AUG 092
PREDICTED 20 AUG-22 AUG 090/090/090
90 DAY MEAN 19 AUG 104
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 18 AUG 019/018
ESTIMATED AFR/AP 19 AUG 012/010
PREDICTED AFR/AP 20 AUG-22 AUG 010/010-005/007-010/007
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 20 AUG-22 AUG
A. MIDDLE LATITUDES
ACTIVE 15/10/25
MINOR STORM 10/05/10
MAJOR-SEVERE STORM 01/01/05
B. HIGH LATITUDES
ACTIVE 15/15/30
MINOR STORM 05/05/10
MAJOR-SEVERE STORM 01/01/05