JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 234 ISSUED AT 2200Z ON 22 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 21/2100Z TO 22/2100Z: SOLAR ACTIVITY WAS VERY LOW. A SINGLE B-CLASS X-RAY BURST OCCURRED. REGIONS 7569 (S11W40) AND 7570 (S11E62) WERE ASSIGNED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 21/2100Z TO 22/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET LEVELS FOR THE PAST 24 HOURS. SUBSTORMING WAS OBSERVED AT SOME HIGH LATITUDE STATIONS NEAR 22/1200Z.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED.
III. EVENT PROBABILITIES 23 AUG-25 AUG
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 22 AUG 094
PREDICTED 23 AUG-25 AUG 095/090/090
90 DAY MEAN 22 AUG 103
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 21 AUG 005/007
ESTIMATED AFR/AP 22 AUG 008/010
PREDICTED AFR/AP 23 AUG-25 AUG 015/015-010/015-015/015
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 23 AUG-25 AUG
A. MIDDLE LATITUDES
ACTIVE 25/25/20
MINOR STORM 10/10/10
MAJOR-SEVERE STORM 01/01/05
B. HIGH LATITUDES
ACTIVE 30/30/20
MINOR STORM 10/10/10
MAJOR-SEVERE STORM 05/05/05