JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 217 ISSUED AT 2200Z ON 05 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100Z TO 05/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 7558 (N13E37) PRODUCED THE FEW SUBFLARES OBSERVED. THE OTHER SPOTTED REGION VISIBLE, 7557 (S17E19), WAS QUIET.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z: THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY ACTIVE. PERIODS OF MINOR STORM CONDITIONS EARLY IN THE INTERVAL HAVE GIVEN WAY TO QUIET CONDITIONS OBSERVED MORE RECENTLY. A NARROW CORONAL HOLE IS THOUGHT TO BE RESPONSIBLE FOR THIS MODEST DISTURBANCE.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO MILDLY ACTIVE THROUGHOUT THE PERIOD.
III. EVENT PROBABILITIES 06 AUG-08 AUG
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 05 AUG 094
PREDICTED 06 AUG-08 AUG 090/090/085
90 DAY MEAN 05 AUG 106
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 04 AUG 020/016
ESTIMATED AFR/AP 05 AUG 020/025
PREDICTED AFR/AP 06 AUG-08 AUG 015/018-015/015-015/015
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 06 AUG-08 AUG
A. MIDDLE LATITUDES
ACTIVE 30/30/30
MINOR STORM 15/15/15
MAJOR-SEVERE STORM 05/05/05
B. HIGH LATITUDES
ACTIVE 35/35/35
MINOR STORM 20/15/15
MAJOR-SEVERE STORM 15/05/05