JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 215 ISSUED AT 2200Z ON 03 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100Z
TO 03/2100Z: SOLAR ACTIVITY WAS LOW. REGION 7558 (N12E63)
IS THE MOST IMPRESSIVE OF THE THREE SPOTTED REGIONS VISIBLE.
VERY FEW FLARES OCCURRED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
PERSIST AT THE LOW LEVEL.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE THROUGHOUT THE PERIOD.
CORONAL HOLE EFFECTS SHOULD ELEVATE ACTIVITY FROM THE QUIET
CONDITIONS NOW OCCURRING.
III. EVENT PROBABILITIES 04 AUG-06 AUG
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 03 AUG 098
PREDICTED 04 AUG-06 AUG 100/095/090
90 DAY MEAN 03 AUG 107
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 02 AUG 003/006
ESTIMATED AFR/AP 03 AUG 003/005
PREDICTED AFR/AP 04 AUG-06 AUG 010/010-020/018-015/025
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 04 AUG-06 AUG
A. MIDDLE LATITUDES
ACTIVE 25/35/30
MINOR STORM 10/15/15
MAJOR-SEVERE STORM 10/15/15
B. HIGH LATITUDES
ACTIVE 30/35/35
MINOR STORM 15/20/20
MAJOR-SEVERE STORM 10/15/15