JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 090 ISSUED AT 2200Z ON 31 MAR 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100Z TO 31/2100Z: SOLAR ACTIVITY WAS LOW. REGIONS 7461 (N05E03) AND 7463 (S12E22) EACH PRODUCED A FEW C-CLASS SUBFLARES. NEW REGIONS 7466 (S22E07) AND 7467 (N10W36) WERE NUMBERED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW. REGIONS 7461 AND 7463 ARE EXPECTED TO PRODUCE C-CLASS SUBFLARES. REGION 7463 ALSO PROVIDES A SLIGHT CHANCE FOR AN ISOLATED M-CLASS FLARE.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 31/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT MOSTLY QUIET LEVELS FOR THE PAST 24 HOURS.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE AT QUIET TO UNSETTLED LEVELS.
III. EVENT PROBABILITIES 01 APR-03 APR
CLASS M 20/20/20
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 31 MAR 125
PREDICTED 01 APR-03 APR 130/135/140
90 DAY MEAN 31 MAR 133
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 30 MAR 015/016
ESTIMATED AFR/AP 31 MAR 009/010
PREDICTED AFR/AP 01 APR-03 APR 007/010-010/010-010/015
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 01 APR-03 APR
A. MIDDLE LATITUDES
ACTIVE 15/20/20
MINOR STORM 10/10/10
MAJOR-SEVERE STORM 05/05/05
B. HIGH LATITUDES
ACTIVE 20/20/25
MINOR STORM 10/10/15
MAJOR-SEVERE STORM 05/05/05