JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 253 ISSUED AT 2200Z ON 10 SEP 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100Z TO 10/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE SUN IS SPOTLESS. THE LAST SPOTLESS DAY WAS 14 JUL 1987.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE AT A VERY LOW LEVEL FOR THE FORECAST PERIOD.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD WAS PREDOMINANTLY QUIET FOR THE PERIOD.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS FORECAST TO BECOME ACTIVE ON 11 SEP. MINOR STORM TO OCCASIONALLY MAJOR STORM CONDITIONS ARE EXPECTED FOR 12 SEP. ON 13 SEP, PREDOMINANTLY ACTIVE TO MINOR STORM CONDITIONS SHOULD PREVAIL. THIS CORONAL HOLE RELATED DISTURBANCE SHOULD TAKE SEVERAL ADDITIONAL DAYS TO SUBSIDE.
III. EVENT PROBABILITIES 11 SEP-13 SEP
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 10 SEP 079
PREDICTED 11 SEP-13 SEP 080/082/083
90 DAY MEAN 10 SEP 096
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 09 SEP 003/005
ESTIMATED AFR/AP 10 SEP 005/006
PREDICTED AFR/AP 11 SEP-13 SEP 018/020-030/050-020/030
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 11 SEP-13 SEP
A. MIDDLE LATITUDES
ACTIVE 40/40/40
MINOR STORM 20/30/30
MAJOR-SEVERE STORM 10/10/05
B. HIGH LATITUDES
ACTIVE 45/45/40
MINOR STORM 20/30/30
MAJOR-SEVERE STORM 10/20/10