JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 252 ISSUED AT 2200Z ON 09 SEP 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 08/2100Z TO 09/2100Z: SOLAR ACTIVITY WAS VERY LOW. ONLY TWO INSIGNIFICANT SPOTTED REGIONS WERE VISIBLE.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE AT A VERY LOW LEVEL FOR THE FORECAST PERIOD.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 08/2100Z TO 09/2100Z: THE GEOMAGNETIC FIELD WAS QUIET DURING THE PERIOD.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE QUIET TO UNSETTLED ON 10 SEP UNTIL LATE IN THE DAY WHEN A CORONAL HOLE RELATED DISTURBANCE IS FORECAST TO BEGIN. ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED ON 11-12 SEP. HIGH LATITUDES SHOULD EXPECT SEVERAL PERIODS OF MAJOR STORM CONDITIONS ON 12 SEP. MID-LATITUDES COULD SEE ISOLATED MAJOR STORM LEVELS DURING THAT TIME.
III. EVENT PROBABILITIES 10 SEP-12 SEP
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 09 SEP 079
PREDICTED 10 SEP-12 SEP 080/082/083
90 DAY MEAN 09 SEP 096
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 08 SEP 007/007
ESTIMATED AFR/AP 09 SEP 003/006
PREDICTED AFR/AP 10 SEP-12 SEP 010/015-018/025-030/050
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 10 SEP-12 SEP
A. MIDDLE LATITUDES
ACTIVE 20/40/40
MINOR STORM 10/20/30
MAJOR-SEVERE STORM 01/10/10
B. HIGH LATITUDES
ACTIVE 40/45/45
MINOR STORM 20/20/30
MAJOR-SEVERE STORM 05/10/20