JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 258 ISSUED AT 2200Z ON 15 SEP 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100Z TO 15/2100Z: SOLAR ACTIVITY WAS VERY LOW. ONE B-CLASS X-RAY BURST OCCURRED. NEW REGIONS 7581 (S11E62) AND 7582 (N07W28) WERE NUMBERED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET TO ACTIVE LEVELS FOR THE PAST 24 HOURS. MINOR STORMING OCCURRED AT SOME HIGH LATITUDE STATIONS FROM 15/0600-0900Z.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED DURING THE FIRST DAY WITH BRIEF PERIODS OF ACTIVE LEVELS POSSIBLE DURING LOCAL NIGHTTIMES. QUIET TO UNSETTLED LEVELS ARE EXPECTED FOR THE REMAINDER OF THE PERIOD.
III. EVENT PROBABILITIES 16 SEP-18 SEP
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 15 SEP 085
PREDICTED 16 SEP-18 SEP 085/085/085
90 DAY MEAN 15 SEP 095
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 14 SEP 029/031
ESTIMATED AFR/AP 15 SEP 015/015
PREDICTED AFR/AP 16 SEP-18 SEP 015/015-010/010-005/010
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 16 SEP-18 SEP
A. MIDDLE LATITUDES
ACTIVE 25/20/05
MINOR STORM 10/05/01
MAJOR-SEVERE STORM 05/01/01
B. HIGH LATITUDES
ACTIVE 30/25/10
MINOR STORM 20/10/05
MAJOR-SEVERE STORM 05/05/01