JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 261 ISSUED AT 2200Z ON 18 SEP 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 17/2100Z TO 18/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 7581 (S12E23) PRODUCED ONLY 2 B-CLASS FLARES. FOUR OTHER B-CLASS X-RAY BURSTS WERE UNCORRELATED. REGION 7584 (S03W34) WAS NUMBERED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. REGION 7581 HAS THE BEST CHANCE FOR A C-CLASS FLARE.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z: 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 QUIET TO UNSETTLED FOR THE ENTIRE FORECAST PERIOD.
III. EVENT PROBABILITIES 19 SEP-21 SEP
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 18 SEP 085
PREDICTED 19 SEP-21 SEP 085/090/090
90 DAY MEAN 18 SEP 095
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 17 SEP 004/006
ESTIMATED AFR/AP 18 SEP 006/006
PREDICTED AFR/AP 19 SEP-21 SEP 005/012-010/012-010/010
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 19 SEP-21 SEP
A. MIDDLE LATITUDES
ACTIVE 10/10/10
MINOR STORM 05/05/05
MAJOR-SEVERE STORM 01/01/01
B. HIGH LATITUDES
ACTIVE 10/20/20
MINOR STORM 05/10/10
MAJOR-SEVERE STORM 01/05/05