JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 226 ISSUED AT 2200Z ON 14 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/2100Z TO 14/2100Z: SOLAR ACTIVITY WAS LOW DUE TO A SINGLE UNCORRELATED C1 FLARE AT 14/1150Z. REGION 7563 (S01E22) REMAINS THE MOST INTERESTING SUNSPOT GROUP ON THE DISK. ITS LARGEST FLARE SINCE YESTERDAY WAS A B9/SF AT 14/0037Z THAT WAS ASSOCIATED WITH A 500 SFU RADIO BURST AT 245 MHZ. THIS REGION CONTINUES TO DECAY SLOWLY.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. C-CLASS FLARES ARE POSSIBLE IN REGION 7563.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 13/2100Z TO 14/2100Z: THE GEOMAGNETIC FIELD WAS QUIET.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED TOMORROW, BECOMING ACTIVE BY 16 AUGUST DUE TO A CORONAL HOLE.
III. EVENT PROBABILITIES 15 AUG-17 AUG
CLASS M 05/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 14 AUG 092
PREDICTED 15 AUG-17 AUG 090/085/085
90 DAY MEAN 14 AUG 104
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 13 AUG 007/006
ESTIMATED AFR/AP 14 AUG 002/005
PREDICTED AFR/AP 15 AUG-17 AUG 010/015-020/025-020/030
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 15 AUG-17 AUG
A. MIDDLE LATITUDES
ACTIVE 10/30/30
MINOR STORM 05/10/10
MAJOR-SEVERE STORM 01/05/05
B. HIGH LATITUDES
ACTIVE 10/40/40
MINOR STORM 05/20/20
MAJOR-SEVERE STORM 01/10/10