JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 238 ISSUED AT 2200Z ON 26 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 25/2100Z TO 26/2100Z: SOLAR ACTIVITY WAS VERY LOW. X-RAY IMAGERY SUGGESTS A LARGE NORTHERN CORONAL HOLE MAY BE ROTATING ACROSS THE EAST LIMB. ONE NEW REGION ASSIGNED: 7574 (S11W12).
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 25/2100Z TO 26/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET LEVELS FOR THE PAST 24 HOURS.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET FOR THE NEXT 48-HOURS. A SOUTHERN CORONAL HOLE IS EXPECTED TO DISTURB THE MAGNETIC FIELD TO UNSETTLED-TO-ACTIVE LEVELS ON DAY THREE.
III. EVENT PROBABILITIES 27 AUG-29 AUG
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 26 AUG 088
PREDICTED 27 AUG-29 AUG 090/090/095
90 DAY MEAN 26 AUG 102
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 25 AUG 003/004
ESTIMATED AFR/AP 26 AUG 005/005
PREDICTED AFR/AP 27 AUG-29 AUG 005/007-005/007-015/015
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 27 AUG-29 AUG
A. MIDDLE LATITUDES
ACTIVE 05/10/20
MINOR STORM 01/05/10
MAJOR-SEVERE STORM 01/01/05
B. HIGH LATITUDES
ACTIVE 10/15/30
MINOR STORM 05/10/15
MAJOR-SEVERE STORM 01/01/05