JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 223 ISSUED AT 2200Z ON 11 AUG 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100Z TO 11/2100Z: SOLAR ACTIVITY WAS MODERATE. THE LARGEST EVENT WAS AN M1/SN FLARE FROM REGION 7562 (N09W56), WITH AN ASSOCIATED TYPE II RADIO EMISSION DETECTED. REGION 7562 IS OBSERVED HAVING REVERSED POLARITY BY MT. WILSON OBSERVATORY. REGION 7564 WAS ASSIGNED TODAY.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE AT LOW LEVELS. THE MAJORITY OF ANY ACTIVITY IS EXPECTED TO COME FROM REGIONS 7562 AND 7563(S02E62)
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT QUIET LEVELS FOR THE PAST 24 HOURS.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY AT QUIET LEVELS.
III. EVENT PROBABILITIES 12 AUG-14 AUG
CLASS M 05/05/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 11 AUG 108
PREDICTED 12 AUG-14 AUG 105/110/110
90 DAY MEAN 11 AUG 104
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 10 AUG 007/007
ESTIMATED AFR/AP 11 AUG 005/007
PREDICTED AFR/AP 12 AUG-14 AUG 005/010-005/010-010/015
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 12 AUG-14 AUG
A. MIDDLE LATITUDES
ACTIVE 15/15/30
MINOR STORM 10/10/15
MAJOR-SEVERE STORM 01/01/05
B. HIGH LATITUDES
ACTIVE 20/20/30
MINOR STORM 10/10/15
MAJOR-SEVERE STORM 05/05/05