JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
SDF NUMBER 005 ISSUED AT 2200Z ON 05 JAN 1993
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100Z TO 05/2100Z: SOLAR ACTIVITY WAS LOW. REGION 7391 (S10E63) PRODUCED THE ONLY C-CLASS FLARE OF THE PERIOD. OTHERWISE, ONLY OCCASIONAL B-CLASS SUBFLARES OCCURRED. NEW REGIONS 7393 (S18E02) AND 7294 (S16E21) WERE NUMBERED.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE LOW. REGIONS 7391 AND 7388 (S05E70) MAY PRODUCE C-CLASS FLARES.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z: THE GEOMAGNETIC FIELD HAS BEEN AT MOSTLY UNSETTLED LEVELS FOR THE PAST 24 HOURS. ACTIVE TO MINOR STORM LEVELS WERE OBSERVED AT SOME HIGH LATITUDE STATIONS NEAR 05/1200-1500Z.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE MOSTLY UNSETTLED. BRIEF INTERVALS OF ACTIVE LEVELS ARE POSSIBLE EARLY IN THE PERIOD, ESPECIALLY AT HIGH LATITUDES.
III. EVENT PROBABILITIES 06 JAN-08 JAN
CLASS M 10/10/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. PENTICTON 10.7 CM FLUX
OBSERVED 05 JAN 125
PREDICTED 06 JAN-08 JAN 125/130/135
90 DAY MEAN 05 JAN 139
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 04 JAN 019/022
ESTIMATED AFR/AP 05 JAN 015/015
PREDICTED AFR/AP 06 JAN-08 JAN 015/015-010/012-010/012
VI. GEOMAGNETIC ACTIVITY PROBABILITIES 06 JAN-08 JAN
A. MIDDLE LATITUDES
ACTIVE 35/20/20
MINOR STORM 10/10/10
MAJOR-SEVERE STORM 01/01/01
B. HIGH LATITUDES
ACTIVE 35/20/20
MINOR STORM 10/10/10
MAJOR-SEVERE STORM 05/01/01