

HFUS3 BOU 282200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 362
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 28 DEC 1985
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 27/2100
TO 28/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE DISK IS
DEVOID OF SPOTS.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY
LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 27/2100Z TO 28/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN AT STORM LEVELS THE PAST 24
HOURS. MINOR STORM CONDITIONS HAVE PREVAILED AT MID-LATITUDES,
WHILE MAJOR STORM THRESHOLDS WERE ATTAINED AT HIGH-LATITUDE
SITES FROM 0430 TO 1200Z. THIS STORM IS IN RESPONSE TO
RECURRENT STRUCTURE.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD WILL
REMAIN AT STORM CONDITIONS THROUGH DECEMBER 29TH. UNSETTLED TO
ACTIVE LEVELS ARE FORECAST DECEMBER 30TH AND 31ST.
III. EVENT PROBABILITIES 29 DEC-31 DEC
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 28 DEC 069
PREDICTED 29 DEC-31 DEC 068/068/068
90 DAY MEAN 28 DEC 075
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 27 DEC 011/014
ESTIMATED AFR/AP 28 DEC 034/043
PREDICTED AFR/AP 29 DEC-31 DEC 030/030-015/020-010/020
SOLTERWARN
BT