

HFUS3 BOU 302200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 364
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 30 DEC 1985
IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/2100
TO 30/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE DISK IS
AGAIN SPOTLESS, BUT SURGE ACTIVITY ON THE SOUTHEAST LIMB MAY
SIGNAL A CHANGE.
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE VERY
LOW.
IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 29/2100Z TO 30/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN AT STORM LEVELS SINCE EARLY ON
THE 30TH. MAJOR STORM CONDITIONS WERE OBSERVED AT
HIGH-LATITUDES AT VARIOUS TIMES THROUGHOUT THE DAY WITH
ATTENDANT MINOR STORM CONDITIONS NOTED AT MID-LATITUDES. THE
SOURCE OF THIS DISTURBANCE IS UNKNOWN.
IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE ON DECEMBER 31ST. QUIET TO
UNSETTLED LEVELS SHOULD FOLLOW FOR THE REMAINDER OF THE PERIOD.
III. EVENT PROBABILITIES 31 DEC-02 JAN
CLASS M 01/01/01
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 30 DEC 069
PREDICTED 31 DEC-02 JAN 069/070/070
90 DAY MEAN 30 DEC 075
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 29 DEC 007/008
ESTIMATED AFR/AP 30 DEC 030/045
PREDICTED AFR/AP 31 DEC-02 JAN 010/025-005/015-005/010
SOLTERWARN
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