

HFUS3 BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 109

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

***** CORRECTED COPY *****

ISSUED 2200Z 19 APR 1985

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 18/2100
TO 19/2100Z: SOLAR ACTIVITY WAS VERY LOW. REGION 4646 (S08E49),
A BXO-TYPE IN WHITE LIGHT WITH A BETA MAGNETIC CLASSIFICATION,
DECAYED TO A SINGLE-SPOTTED REGION EARLY IN THE PERIOD AND
BECAME SPOTLESS LATER. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 18/2100Z TO 19/2100Z:
GEOMAGNETIC ACTIVITY WAS UNSETTLED TO ACTIVE. MINOR STORM
LEVELS WERE REPORTED AT HIGH LATITUDES 19/0900-1200Z AND
1630-1800Z WITH MAJOR LEVELS AFTER 1800Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: GEOMAGNETIC ACTIVITY IS
EXPECTED TO BE UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 20 APR-22 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 APR 071

PREDICTED 20 APR-22 APR 071/071/070

90 DAY MEAN 19 APR 073

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 18 APR 004/009

ESTIMATED AFR/AP 19 APR 014/025

PREDICTED AFR/AP 20 APR-22 APR 007/015-006/010-009/015

SOLTERWARN

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