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HFUS 1 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 214

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 01 AUGUST 1980

IA. SOLAR ACTIVITY HAS BEEN LOW NO SIGNIFICANT ACTIVITY HAS OCCURRED DURING THE LAST 24 HOURS. NEW REGION 2601 (N07E50) APPEARED AS AN A TYPE GROUP TODAY. SPOTS REAPPEARED IN 2592 (S08-W29) TODAY ARCH FILAMENTS WERE REPORTED IN 2588 (S08W43) AND AN ACTIVE SURGE REGION WAS OBSERVED AT SE 14.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW FOR THE FORECAST PERIOD. OLD RETURNING REGIONS HAVE NOT RETURNED ACTIVE AND OTHER POSSIBLE SOURCES OF ACTIVITY ARE NOT EVIDENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO REMAIN QUIET UNTIL LATE ON 3 AUGUST AND BECOME UNSETTLED TO SLIGHTLY ACTIVE.

III. EVENT PROBABILITIES 02-04 AUG 1980

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 AUG 128

PREDICTED 02-04 AUG 125/129/133

90-DAY MEAN 01 AUG 201

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 JULY 06

ESTIMATED AFR/AP 01 AUG 06/07

PREDICTED AFR/AP 02-04 AUG 08/08 10/12 10/12

SOLTERWARN

BT