

HFUS3 BOU 312200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 213

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 31 JUL 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 30/2100 TO 31/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THIS PERIOD. NO EVENTS HAVE BEEN REPORTED AND REGION 4552 (S16E55) IS THE ONLY SPOT GROUP PRESENTLY ON THE DISK. THIS REGION HAS GROWN SLIGHTLY AND THE PLAGE IN THE EASTERN PORTION OF THE SPOT GROUP HAS BECOME FURTHER ENHANCED. NO NEW REGIONS WERE NUMBERED THIS PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN VERY LOW THROUGHOUT THE FORECAST PERIOD.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 30/2100Z TO 31/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED, AT ALL LATITUDES, THIS PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE AT UNSETTLED TO ACTIVE LEVELS, AT ALL LATITUDES, THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01 AUG-03 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 JUL 081

PREDICTED 01 AUG-03 AUG 080/080/081

90 DAY MEAN 31 JUL 105

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 30 JUL 006/013

ESTIMATED AFR/AP 31 JUL 010/014

PREDICTED AFR/AP 01 AUG-03 AUG 012/015-012/015-012/020

SOLTERWARN

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