

HFUS3 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 214

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 01 AUG 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 31/2100
TO 01/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THIS PERIOD.
REGION 4552 (S16E55) REMAINS THE ONLY SPOTTED REGION ON THE
DISK. THIS SPOT GROUP HAS GROWN SLIGHTLY IN AREA AND HAS A C
TYPE SPOT CLASSIFICATION. NO NEW REGIONS WERE NUMBERED THIS
PERIOD AND THE REMAINDER OF THE DISK IS UNIMPRESSIVE.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 31/2100Z TO 01/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN AT ACTIVE TO STORM LEVELS, AT
ALL LATITUDES, THIS PERIOD. THIS ACTIVITY IS POSSIBLY DUE TO A
DISAPPEARING SOLAR FILAMENT WHICH OCCURRED ON 27 JULY. THIS
FILAMENT WAS LOCATED AT APPROXIMATELY N10E20, PRIOR TO IT'S
- DISAPPEARANCE.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD
SHOULD BE AT ACTIVE LEVELS, AT ALL LATITUDES, THE FIRST TWO
DAYS OF THE FORECAST PERIOD. LEVELS SHOULD THEN DECREASE TO
UNSETTLED TO SLIGHTLY ACTIVE LEVELS THE FINAL DAY OF THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 02 AUG-04 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 AUG 082

PREDICTED 02 AUG-04 AUG 083/084/085

90 DAY MEAN 01 AUG 105

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 31 JUL 019/017

ESTIMATED AFR/AP 01 AUG 037/075

PREDICTED AFR/AP 02 AUG-04 AUG 020/025-015/020-011/020

SOLTERWARN

BT