

HFUS3 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 215

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 02 AUG 1984

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 01/2100
TO 02/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW THIS PERIOD.

EVENTS HAVE BEEN LIMITED TO B LEVEL X-RAY FLARES AND A MINOR
RADIO BURST. REGION 4552 REMAINS THE ONLY SPOTTED REGION ON THE
DISK. THIS REGION HAS GROWN SLIGHTLY IN AREA AND IS NOW A D
TYPE SPOT GROUP. THE REMAINDER OF THE DISK IS QUIET.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 01/2100Z TO 02/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN AT STORM LEVELS, AT ALL
LATITUDES, THROUGHOUT THE FORECAST PERIOD. THIS ACTIVITY WAS
MOST LIKELY CAUSED BY A DISAPPEARING SOLAR FILAMENT WHICH
OCCURRED ON 27 JULY.

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

III. EVENT PROBABILITIES 03 AUG-05 AUG

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 AUG 084

PREDICTED 03 AUG-05 AUG 085/086/087

90 DAY MEAN 02 AUG 104

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 01 AUG 047/077

ESTIMATED AFR/AP 02 AUG 029/030

PREDICTED AFR/AP 03 AUG-05 AUG 015/020-011/020-010/015

SOLTERWARN

BT