

HFUS 3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SIF NUMBER 329B

JCINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 NOV 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
25/1200Z TO 25/2100Z: SOLAR ACTIVITY IS STILL AT LOW LEVELS.
REGION 3477 (S09E67) IS THE ONLY INTERESTING REGION ON THE SUN
AND ACCOUNTED FOR MOST OF THE FLARE ACTIVITY TODAY. THE
LARGEST FLARE WAS A C6/1N EVENT AT 1820 Z.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY WILL CONTINUE AT
LOW LEVELS. REGION 3477, DESPITE ITS AREA OF ALMOST 700
MILLIONTHS, DOES NOT APPEAR CAPABLE OF PRODUCING MAJOR FLARES.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD
REMAINED ACTIVE FOR 12 HOURS FOLLOWING THE SUDDEN COMMENCEMENT
AT 0228 Z, BUT IT HAD SETTLED DOWN TO UNSETTLED LEVELS BY 2100
Z. UNSETTLED CONDITIONS SHOULD CONTINUE FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 26 NOV-28 NOV

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 NOV 163

PREDICTED 26 NOV-28 NOV 168/172/176

90 DAY MEAN 25 NOV 219

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 NOV 006/011

ESTIMATED AFR/AP 25 NOV 020/015

PREDICTED AFR/AP 26 NOV-28 NOV 012/012-012/012-010/010

SCITERWARN

BT

HXUS BOU 252200

PREDM 03026 03027 03028

PREDX 00126 00127 00128

PREDP 00126 00127 00128

PCAFI 00126

TENCM 16826 17227 17628

AFLRD 01226 01227 01028

AFAPF 01226 01227 01028

BT