

<003>
06/11 22:00

2227
HFUS3 BOU 112200 RTD
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
REF NUMBER 162

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 11 JUN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 10/2100Z TO 11/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. A C3 FLARE OCCURRED AT ABOUT 0250UT. THIS EVENT WAS OBSERVED OPTICALLY AS A NON-ERUPTIVE BRIGHTENING OF PROMINENCE MATERIAL ON THE EAST LIMB AT ABOUT N47. ANOTHER SMALLER PROMINENCE WAS OBSERVED ON THE EAST LIMB AT N27. THIS IS THE ONLY INDICATION SO FAR OF THE RETURN OF OLD REGION 4811. A NEW SIMPLE BI-POLAR REGION WITH AN ARCH-FILAMENT SYSTEM EMERGED TODAY AT S11W06 AND WAS NUMBERED 4813.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 10/2100Z TO 11/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED WITH OCCASIONAL ACTIVE PERIODS AT HIGH LATITUDES. THIS ACTIVITY IS ASSOCIATED WITH A CORONAL HOLE CENTERED AT S20W40 ON 10 JUNE AS OBSERVED IN HELIUM 10830.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED WITH ACTIVE PERIODS ON 12 JUNE, BECOMING QUIET TO UNSETTLED FOR 13-14 JUNE.

III. EVENT PROBABILITIES 12 JUN-14 JUN

CLASS M 01/01/01

CLASS X 01/01/01

OTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 JUN 078

PREDICTED 12 JUN-14 JUN 079/081/083

90 DAY MEAN 11 JUN 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 10 JUN 008/010

ESTIMATED AFR/AP 11 JUN 012/015

PREDICTED AFR/AP 12 JUN-14 JUN 012/015-007/010-005/010

NNNN

<003>

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/11/87 00:00:00

End : 06/11/87 23:59:00

06/11 22:00

2215

HFUS3 BOU 112200

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