

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/10/87 00:00:00

End : 06/10/87 23:59:00

06/10 22:00

205

HFUS3 BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 161

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 10 JUN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 09/2100Z TO 10/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. THE DISK IS SPOTLESS AND HAS BEEN SO SINCE 02 JUNE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. X-RAY DATA INDICATE THE IMMINENT RETURN OF OLD REGION 4811 NEAR N27. LAST ROTATION IT PRODUCED TWO M-CLASS FLARES AND WAS STILL POTENT AT WEST LIMB PASSAGE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 09/2100Z TO 10/2100Z: THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD REMAIN AT QUIET TO UNSETTLED LEVELS FOR THE DURATION OF THE PERIOD.

III. EVENT PROBABILITIES 11 JUN-13 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUN 076

PREDICTED 11 JUN-13 JUN 077/079/081

90 DAY MEAN 10 JUN 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 09 JUN 006/007

ESTIMATED AFR/AP 10 JUN 005/010

PREDICTED AFR/AP 11 JUN-13 JUN 005/010-005/010-005/010

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