

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/16/87 00:00:00

End : 06/16/87 23:59:00

06/16 22:00

2200

HFUS3 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 167

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 16 JUN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 15/2100Z TO 16/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4815 (N27E21) HAS LOST ITS SINGLE SPOT SINCE YESTERDAY, LEAVING THE DISK SPOTLESS. ALL PLAGE REGIONS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. NO SIGNIFICANT REGIONS ARE DUE TO RETURN.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 15/2100Z TO 16/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE FIRST TWO DAYS OF THE FORECAST PERIOD. ACTIVE TO MINOR STORM CONDITIONS ARE POSSIBLE STARTING THE LATTER HALF OF THE 19TH DUE TO THE EFFECTS OF A FILAMENT DISRUPTION.

III. EVENT PROBABILITIES 17 JUN-19 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX

OBSERVED 16 JUN 079

PREDICTED 17 JUN-19 JUN 078/077/077

90 DAY MEAN 16 JUN 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 15 JUN 004/008

ESTIMATED AFR/AP 16 JUN 006/013

PREDICTED AFR/AP 17 JUN-19 JUN 005/015-005/015-018/030

NNNN

<003>