

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/17/87 00:00:00

End : 06/17/87 23:59:00

06/17 22:00

2223

HFUS3 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 168

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 17 JUN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100Z TO 17/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. NEW REGION 4816 (S05W11) EMERGED AS A SMALL BIPOLAR SPOT GROUP. NO FLARES HAVE BEEN OBSERVED DURING THE PAST 24 HOURS.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN MOSTLY QUIET TO UNSETTLED.

ISOLATED ACTIVE CONDITIONS WERE EXPERIENCED DURING THE 21-24UT PERIOD ON THE 16TH.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO UNSETTLED FOR THE FIRST DAY OF THE FORECAST PERIOD. ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED FOR THE REMAINDER OF THE PERIOD, RESULTING FROM A FILAMENT DISRUPTION WHICH OCCURRED ON THE 16TH.

III. EVENT PROBABILITIES 18 JUN-20 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JUN 079

PREDICTED 18 JUN-20 JUN 080/081/082

90 DAY MEAN 17 JUN 083

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 JUN 011/014

ESTIMATED AFR/AP 17 JUN 007/014

PREDICTED AFR/AP 18 JUN-20 JUN 005/015-018/030-018/020

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