

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/25/87 00:00:00

End : 06/25/87 23:59:00

06/25 22:00

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HFUS3 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 176

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 25 JUN 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 24/2100Z TO 25/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4819 (N19W27) HAS CONTINUED TO HAVE POINT BRIGHTENINGS AND SUBFLARES, BUT REPORTS INDICATE CONSIDERABLE DECAY. NEW REGION 4820 (N30E79) IS A SIMPLE HAX/ALPHA GROUP. NO SIGNIFICANT REPORTS OF ACTIVITY FROM 4820 HAVE BEEN RECEIVED. THE REMAINDER OF THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. ANALYSIS AND REPORTS INDICATE THAT REGION 4819 WILL CONTINUE TO DECAY AND POTENTIAL WILL CONTINUE TO DECREASE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 24/2100Z TO 25/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED.

THE EXPECTED ACTIVE TO MINOR STORM CONDITIONS OF 25 JUNE APPEAR TO BE UNLIKELY AS OF THIS REPORT. THERE HAVE BEEN INCREASES IN ACTIVITY FROM HIGH LATITUDE STATIONS VERY LATE IN THE PERIOD, BUT IT REMAINS TO BE SEEN IF THE ACTIVITY IS THE BEGINNING OF THE FORECASTED CONDITIONS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE ON 26 JUNE AND QUIET UNSETTLED ON 27-28 JUNE.

III. EVENT PROBABILITIES 26 JUN-28 JUN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JUN 084

PREDICTED 26 JUN-28 JUN 083/083/082

90 DAY MEAN 25 JUN 084

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 24 JUN 009/011

ESTIMATED AFR/AP 25 JUN 010/015

PREDICTED AFR/AP 26 JUN-28 JUN 010/020-007/015-007/013

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