

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 06/17/86 00:00:00

End : 06/17/86 23:59:00

06/17 22:00

2129

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 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 16/2100 TO 17/2100Z: SOLAR ACTIVITY WAS VERY LOW. THE DISK WAS SPOTLESS. NO NEW REGION WAS ASSIGNED.

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

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 16/2100Z TO 17/2100Z: THE GEOMAGNETIC FIELD WAS MOSTLY UNSETTLED. MINOR STORM CONDITIONS OCCURRED AT HIGH LATITUDES MIDWAY THROUGH THE PERIOD.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE. A VERY SLIGHT CHANCE OF STORM CONDITIONS IS POSSIBLE DUE TO THE ERUPTIVE PROMINENCE FROM SE25 (BEHIND THE LIMB) EVENT AT 13/2130Z. THIS UNLIKELY PROBABILITY OF STORM CONDITIONS IS REFLECTED IN ONLY A VERY SLIGHT ENHANCEMENT OVER THE AVERAGE RECURRENT VALUES, BUT THE VERY DISTINCTIVE LONG DURATION X-RAY ASSOCIATION DEMANDS A MARGINAL INCREASE.

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 068

PREDICTED 18 JUN-20 JUN 068/068/068

90 DAY MEAN 17 JUN 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 16 JUN 008/009

ESTIMATED AFR/AP 17 JUN 008/012

PREDICTED AFR/AP 18 JUN-20 JUN 011/017-008/013-008/013

SOLTERWARN

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