

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/03/87 00:00:00

End : 03/03/87 23:59:00

03/03 22:00

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HFUS3 BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 062

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 03 MAR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100Z TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ALL NUMBERED REGIONS WERE QUIET AND STABLE: NO SUBFLARES WERE OBSERVED DURING THE PERIOD. REGION 4773 (N39W17) IS THE ONLY SPOTTED REGION ON THE DISK AND APPEARS TO BE DECLINING.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. REGION 4773 IS EXPECTED TO CONTINUE TO DECAY. OLD REGIONS 4769 (S06) AND 4770 (N03) ARE DUE TO RETURN AT EAST LIMB ON MARCH 6, BUT ARE NOT EXPECTED TO BE SIGNIFICANT AS THEY DIED ON THE DISK LAST ROTATION.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET TO UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE GENERALLY UNSETTLED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 04 MAR-06 MAR

CLASS M 05/03/02

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAR 073

PREDICTED 04 MAR-06 MAR 072/071/071

90 DAY MEAN 03 MAR 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 MAR 004/006

ESTIMATED AFR/AP 03 MAR 007/009

PREDICTED AFR/AP 04 MAR-06 MAR 007/009-007/011-010/012

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