

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/05/87 00:00:00

End : 05/05/87 23:59:00

05/05 22:00

2226

HFUS3 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 125

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 05 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 04/2100Z
TO 05/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY TWO
SPOTTED REGIONS REMAIN ON THE DISK. REGION 4804 (S23E09)
HAS REMAINED QUIET AND STABLE. REGION 4806 (S32E65) IS
BEGINNING TO SHOW SOME OF THE COMPLEXITY IT HAD AS REGION
4787/4790 COMPLEX. THERE HAVE BEEN SEVERAL B-CLASS X-RAY
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
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4787/4790 COMPLEX. THERE HAVE BEEN SEVERAL B-CLASS X-RAY
AND OPTICAL SUBFLARES FROM IT SO FAR. THE SOON SITES
HAVE REPORTED POLARITY CONFIGURATIONS THAT WOULD INDICATE
THE PRESENCE OF ANOTHER COMPLEX REGION.

SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW, HOWEVER, WITH THE REPORTS OF ACTIVITY AND
CHANGES OCCURRING IN REGION 4806, ISOLATED INCREASES IN
ACTIVITY ARE POSSIBLE. IT STILL REMAINS NECESSARY TO LET
REGION 4806 ROTATE FURTHER ONTO THE DISK BEFORE ANY
CONCRETE ANALYSIS CAN BE MADE.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 04/2100Z TO 05/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED DURING
THE PREVIOUS 24 HOURS.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT THREE DAYS.
RECURRENCE IS THE PRIMARY BASIS FOR THE FORECAST.

III. EVENT PROBABILITIES 06 MAY-08 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 MAY 085

PREDICTED 06 MAY-08 MAY 087/088/089

90 DAY MEAN 05 MAY 078

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 04 MAY 007/009

ESTIMATED AFR/AP 05 MAY 008/012

PREDICTED AFR/AP 06 MAY-08 MAY 007/010-007/010-007/010