

SSEC Solar Summary and Forecast - For Joe Hirman

Begin: 05/27/86 00:00:00

End : 05/27/86 23:59:00

05/27 22:00

2142

HFUS3 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 147

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 27 MAY 1986

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 26/2100 TO 27/2100Z: SOLAR ACTIVITY CONTINUES VERY LOW. REGION 4731 (NOBW43), THE LONE SPOTTED REGION ON THE DISK, CONTINUED TO DECAY IN ALL PARAMETERS. THE REGION HAS BEEN QUIET IN THE PROCESS.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN VERY LOW. REGION 4731, ALTHOUGH SIMPLIFYING, IS STILL CAPABLE OF GENERATING AN ISOLATED M-CLASS EVENT.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE THROUGHOUT THE PERIOD.

III. EVENT PROBABILITIES 28 MAY-30 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MAY 073

PREDICTED 28 MAY-30 MAY 072/072/071

90 DAY MEAN 27 MAY 075

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 26 MAY 008/015

ESTIMATED AFR/AP 27 MAY 008/010

PREDICTED AFR/AP 28 MAY-30 MAY 010/015-010/018-010/018

SOLTERWARN

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05/27 22:00

0013

HFUS3 BOU 272200 RTD

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IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 26/2100Z TO 27/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.
I. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE THROUGHOUT THE PERIOD.

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