

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 05/03/87 00:00:00

End : 05/03/87 23:59:00

05/03 22:00

35

HFUS3 BOU 032200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 123

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 03 MAY 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 02/2100Z
TO 03/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW DURING
THE PAST 24 HOURS. ALL REGIONS ON THE DISK HAVE REMAINED
QUIET AND STABLE. THERE HAVE BEEN SEVERAL MINOR B-CLASS
X-RAY EVENTS THAT CANNOT BE POSITIVELY ASSOCIATED WITH
ANY CURRENT REGION. THE POSSIBILITY EXISTS THAT THE
EHFUS3 BOU 032200 RTD

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ANY CURRENT REGION. THE POSSIBILITY EXISTS THAT THE
EVENTS WERE ASSOCIATED WITH AN AREA OF WEAK SURGING
REPORTED BY THE SOON SITES. THIS AREA IS LOCATED AT ABOUT
10° ON OR BEHIND THE EAST LIMB. IT IS THE APPROXIMATE
LOCATION OF OLD REGION COMPLEX 4787/4790. SMM REPORTED
SOME ENHANCEMENT FROM THAT LOCATION. NO NEW REGIONS
WERE NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW. THERE IS NO HARD EVIDENCE THAT A SIGNIFICANT
INCREASE IN SOLAR ACTIVITY SHOULD BE EXPECTED DURING THE
NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MID
LATITUDES AND ACTIVE TO UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE UNSETTLED TO ACTIVE THE FIRST TWO DAYS OF
THE FORECAST PERIOD. THE THIRD DAY IS EXPECTED TO BE
UNSETTLED.

III. EVENT PROBABILITIES 04 MAY-06 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 083

PREDICTED 04 MAY-06 MAY 085/088/090

90 DAY MEAN 03 MAY 077

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 MAY 006/010
ESTIMATED AFR/AP 03 MAY 010/012

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03 22:00

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HFUS3 BOU 032200 COR
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IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. THERE IS NO HARD EVIDENCE THAT A SIGNIFICANT INCREASE IN SOLAR ACTIVITY SHOULD BE EXPECTED DURING THE NEXT THREE DAYS.

CA. GEOPHYSICAL ACTIVITY SUMMARY FROM 02/2100Z TO 03/2100Z: THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AT MID LATITUDES AND ACTIVE TO UNSETTLED AT HIGH LATITUDES.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE THE FIRST TWO DAYS OF THE FORECAST PERIOD. THE THIRD DAY IS EXPECTED TO BE UNSETTLED.

III. EVENT PROBABILITIES 04 MAY-06 MAY

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CLASS X 01/01/01

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OBSERVED AFR/AP 02 MAY 006/010

ESTIMATED AFR/AP 03 MAY 010/012

PREDICTED AFR/AP 04 MAY-06 MAY 012/015-010/015-010/012

PLAIN

NO CHANGE TO TEXT - RETRANSMITTED FOR FORMAT ERROR

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