

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 03/15/87 00:00:00

End : 03/15/87 23:59:00

03/15 22:00

09

HFUS3 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 074

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 15 MAR 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100Z

TO 15/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION

4779 (S32E65) IS STILL AN HSX/ALPHA SPOT GROUP. ACTIVITY

HAS BEEN RELATIVELY QUIET FROM THAT REGION. REGION 4780

(S19E20) LOST THE SPOT GROUP OVERNIGHT. ONLY PLAGE

REMAINS IN THAT AREA. THE REMAINDER OF THE DISK AND LIMB

HFUS3 BOU 152

200 COR02
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REMAINS IN THAT AREA. THE REMAINDER OF THE DISK AND LIMBS

ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW FOR THE NEXT THREE DAYS.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 14/2100Z TO 15/2100Z:

THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED DURING

THE PAST 24 HOURS. HIGH LATITUDE STATIONS DID OBSERVE ONE

PERIOD OF ACTIVE CONDITIONS FROM 15/0430Z TO 15/0700Z.

IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS

EXPECTED TO BE ACTIVE ON 16 MARCH. UNSETTLED CONDITIONS ARE

EXPECTED ON 17 MARCH AND UNSETTLED TO ACTIVE LEVELS ARE

ANTICIPATED ON 18 MARCH.

III. EVENT PROBABILITIES 16 MAR-18 MAR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAR 071

PREDICTED 16 MAR-18 MAR 071/072/072

90 DAY MEAN 15 MAR 072

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 14 MAR 009/011

ESTIMATED AFR/AP 15 MAR 010/012

PREDICTED AFR/AP 16 MAR-18 MAR 015/020-010/013-008/015

PLAIN

NO CORRECTION TO TEXT - RETRANSMITTED FOR AFGWC/WSE

BT

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 14/2100Z TO 15/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 4779 (S32E65) IS STILL AN HSX/ALPHA SPOT GROUP. ACTIVITY HAS BEEN RELATIVELY QUIET FROM THAT REGION. REGION 4780 (S19E20) LOST THE SPOT GROUP OVERNIGHT. ONLY PLAGE REMAINS IN THAT AREA. THE REMAINDER OF THE DISK AND LIMBS ARE QUIET AND STABLE.

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IIB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE ON 16 MARCH. UNSETTLED CONDITIONS ARE EXPECTED ON 17 MARCH AND UNSETTLED TO ACTIVE LEVELS ARE ANTICIPATED ON 18 MARCH.

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