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HOUS 2 BOU 200200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
20/0200Z MARCH 1973

I. SUNSPOT DATA FROM CANARY ISLANDS AT 19/0930Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

055 S07W82 345 0060 C 06 10 BETA

057 S13W78 341 0090 C 03 03 BETA

059 N16E38 225 0120 C 06 08 BETA

MAGNETIC CLASSIFICATIONS INFERRED AT CANARY IS.

II. NONE

III. AREAS OF SPECIAL INTEREST-

REGION 059 SHOWING RAPID GROWTH

SOLTERWARN

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HFUS 1 BOU 200600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 079A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 MARCH 1973

IA. SMALL SURGES WERE OBSERVED NEAR S06-S13 WEST LIMB WHERE
REGION 055 AND 057 ARE STARTING WEST LIMB PASSAGE. REGION 059
(N14E31) CONTINUES TO GROW AND DEVELOP.

IB. SOLAR ACTIVITY WILL INCREASE WITH THE GROWTH IN REGION 059.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE DISTURBED AND WILL
REMAIN SO DURING THE NEXT ZULU DAY.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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HFUS 1 BOU 201300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 079B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 20 MARCH 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW, CONSISTING OF SUBFLARES IN REGION 059 (N16E25) AND LIMB ACTIVITY AT SW10 WHERE REGION 055 IS TRANSITING FROM VIEW. REGION 059 HAS GROWN IN MOST PARAMETERS THOUGH IT IS STILL BASICALLY BIPOLE WITH A SMALL ISOLATED MAGNETIC POLE OR BAY NEAR THE LEADER.

IB. CONTINUED SUBFLARES INFREQUENTLY REACHING CLASS M THRESHOLDS ARE PROBABLE FROM REGION 059.

II. THE GEOMAGNETIC FIELD HAS CONTINUED TO BE ACTIVE WITH MIDLATITUDE K VALUES REACHING 5 AND 6 DURING LOCAL NIGHTTIME AND SUCH ACTIVITY IS EXPECTED TO CONTINUE.

III. EVENT PROBABILITIES 20 MAR - 22 MAR

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 MAR 105 (ENHANCED BY BURST)

PREDICTED 20-22 MAR 96/96/96

90-DAY MEAN 19 MAR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 MAR 19

ESTIMATED 19 MAR 33

PREDICTED 20-22 MAR 35/35/35

SOLTERWARN

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KBOU
HW ZDK HFUS BOU 202200 SDF NUMBER 079 RPT 079

Q
HFUS BOU 202200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 079

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 MAR 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 059 (N17E15), THE
ONLY REGION ON THE DISK WITH VISIBLE SPOTS, HAS PRODUCED 7 SUBFLARES
IN THE PAST 24 HOURS. GROWTH IN THIS REGION HAS SLOWED CONSIDERABLY.
IB. ACTIVITY IS EXPECTED TO REMAIN LOW. REGION 059 MAY PRODUCE
AN OCCASIONAL CLASS M EVENT.

II. A MINOR GEOMAGNETIC STORM IS IN PROGRESS. MINOR STORM
CONDITIONS ARE EXPECTED TO CONTINUE FOR THE REMAINDER OF THE
FORECAST PERIOD, WITH STRONG DISTURBANCES AT HIGH LATITUDES
PARTICULARLY DURING THE NIGHTTIME HOURS.

III. EVENT PROBABILITIES 2123 MARCH

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAR 92

PREDICTED 2123 MAR 92/92/94

90DAY MEAN 20 MAR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 MAR 37

ESTIMATED 20 MAR 38

PREDICTED 2123 MAR 35/35/30

SOLTERWARN

SPAN

BT

21-23 MAR

21-23

21-23