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KBOU

HOUS 2 BOU 110200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
11/0200Z FEB 1973.

I. SUNSPOT DATA FROM CANARY IS. AT 10/0848Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE
029 N08E16 014 0180 D 05 20 BETA GAMMA
030 N12E12 018 0150 C 04 06 BETA
031 N13W02 032 0050 D 07 12 BETA
033 S03E58 332 0000 H 00 01 ALPHA
034 S13E75 315 0100 C 03 03 BETA

NOTE: MAGNETIC CLASSIFICATIONS INFERRED AT CANARY IS.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGISTIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

REGION 029 (N08E16) HAS HIGH FIELD GRADIENTS IN ITS EASTERN PART.

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HFUS 1 BOU 110600

SDF NUMBER 042A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 11 FEB 1973

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 111300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 042B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 11 FEBRUARY 1973

IA. NO SIGNIFICANT ACTIVITY OBSERVED DURING THE PAST 15 HOURS.

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 112210

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 042

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 FEB 1973.

IA. SOLAR ACTIVITY HAS BEEN LOW. NO CHANGES HAVE BEEN REPORTED
IN CURRENT DISK REGIONS THOUGH OBSERVATIONS HAVE BEEN SPARSE FOR
THIS GREENWICH DAY. A SMALL COMPACT PLAGE APPARENTLY IN AN EARLY
STAGE OF DEVELOPMENT HAS ROTATED INTO VIEW AT SE06.

IB. THE MOST PROBABLE SOURCE OF FLARES-UP TO SMALL CLASS M-1S
STILL REGION 029 /N08W02/.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED. THE TREND
TO QUIET CONDITIONS IS EXPECTED TO CONTINUE FOR ANOTHER TWO TO
THREE DAYS WITH SUBSTORMS BECOMING WEAKER AND INFREQUENT. THERE IS
A SLIGHT CHANCE OF A SUDDEN COMMENCE AND VERY WEAK STORM IN 48-72
HOURS.

III. EVENT PROBABILITIES 12 FEB - 14 FEB.

CLASS M 30/30/30

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 11 FEB 104

PREDICTED 12 FEB - 14 FEB 104/103/103

90-DAY MEAN 11 FEB 103

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 10 FEB 10

ESTIMATED 11 FEB 06

PREDICTED 12 FEB - 14 FEB 05/04/03

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