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HOUS 2 BOU 080200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
080200Z FEB 1973.

I. SUNSPOT DATA FROM RAMEY AT 071435Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

026 S10W03 070 ---- A 02 04 ALPHA

029 N05E53 014 0090 H 02 03 ALPHA

030 N10E51 013 0150 H 02 01 ALPHA

031 N13E40 027 ---- A -- 01 ALPHA

NOTE: MAGNETIC CLASSIFICATIONS INFERRED AT RAMEY

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

NONE

III. AREAS OF SPECIAL INTEREST-

NONE

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SDF NUMBER 039A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACITIVITY

ISSUED 0600Z 08 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

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 039B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 08 FEBRUARY 1973

IA. SOLAR ACTIVITY REMAINS LOW. FOUR NON-ENERGETIC SUBFLARES HAVE
OCCURRED DURING THE PAST 24 HOURS, ALL IN REGION 026(S08W06).

THIS REGION IS CURRENTLY REPORTED AS SPOTLESS. A SMALL SPOT GROUP
IS NOW REPORTED IN PLACE OF OLD REGION 012 NEAR S13E70.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN MODERATELY UNSETTLED, BECOMING
SLIGHTLY ACTIVE NEAR 08/0500Z. IT IS EXPECTED TO REMAIN MODERATELY
UNSETTLED FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 - 10 FEB

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 FEB 101

PREDICTED 08 - 10 FEB 102/103/104

90-DAY MEAN 07 FEB 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 FEB 10

ESTIMATED 07 FEB 12

PREDICTED 08 - 10 FEB 16/13/10

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 039

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 FEBRUARY 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE ONLY FLARE ACTIVITY
HAS BEEN FOUR NON-ENERGETIC SUBFLARES FROM REGION 026 /S08W11/
WHICH REMAINS SPOTLESS. REGION 031 /N13E20/ IS A GROWING REGION
WHICH EXHIBITED AN ARCH FILAMENT SYSTEM TODAY.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW, WITH LITTLE POSSIBILITY
OF ENERGETIC ACTIVITY FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. UNSETTLED CONDITIONS
ARE EXPECTED FOR THE NEXT 72 HOURS, WITH A GRADUAL TREND TOWARD
QUIETER CONDITIONS.

III. EVENT PROBABILITIES 09 FEB - 11 FEB.

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 08 FEB 103

PREDICTED 09 FEB - 11 FEB 105/106/107

90-DAY MEAN 08 FEB 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 07 FEB 12

ESTIMATED 08 FEB 21

PREDICTED 09 FEB - 11 FEB 13/10/08

SOLTERWARN