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HOUS 2 BOU 0290200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
29/0200Z JAN 1973

I. SUNSPOT DATA FROM CANARY IS. AT 28/0845Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

017 N09W43 243 0010 A 02 02 ALPHA

021 N19W09 209 0000 A 02 03 ALPHA

022 N13E53 147 0010 C 02 04 ALPHA

MAGNETIC CLASSES INFERRED AT BOULDER

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

022 IN 28/1303Z 1307Z 1335Z

III. AREAS OF SPECIAL INTEREST-

NONE

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HOUS 1 BOU 0290600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 029
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 29 JANUARY 1973
IA. NO CHANGE
IB. NO CHANGE
II. THE MINOR GEOMAGNETIC DISTURBANCE CONTINUES
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 029B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 29 JANUARY 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY 3 FLARES REPORTED
DURING THE LAST 24 HOURS. THE LARGEST OF THESE FLARES WAS A ONE
NORMAL FROM REGION 22(N13E35) AT 28/1307Z, BUT THIS FLARE APPEARED
NON ENERGETIC WITH NO SIGNIFICANT ASSOCIATED AFFECTS OBSERVED. THE
ONLY SPOTS NOW OBSERVED ARE FROM A SMALL NEW REGION AT S11W21.
HOWEVER SEVERAL PLAGE REGIONS, INCLUDING REGION 22, ARE OBSERVED
IN THE NE QUADRANT.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS CONTINUED ACTIVE DURING THE LAST
24 HOURS AND SHOULD CONTINUE UNSETTLED TODAY BUT SHOULD BECOME
QUIET BY THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 29 JAN - 31 JAN

CLASS M 15/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JAN 094

PREDICTED 29 JAN-31 JAN 095/095/095

90-DAY MEAN 28 JAN 104

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 JAN 25

ESTIMATED 28 JAN 27

PREDICTED 29 JAN- 31 JAN 15/10/08

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HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 029

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 JANUARY 1973.

IA. SOLAR ACTIVITY CONTINUES VERY LOW, WITH ONLY THREE SUBFLARES
REPORTED IN THE PAST 24 HOURS, AND ONLY ONE WHITE-LIGHT REGION
VISIBLE /REGION 019, S10W27, 20 MILLIONTHS, B-TYPE BETA/. PLAGE
REGIONS 017 /N09W63/, 021 /N19W29/, AND 022 /N13E33/ ARE STILL
EVIDENT AND LITTLE CHANGED.

IB. ACTIVITY WILL CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED IN THE PAST 24 HOURS.
ACTIVITY SHOULD DECREASE THEN POSSIBLY INCREASE SLIGHTLY AGAIN
DURING THE LATTER PART OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 JAN - 01 FEB.

CLASS M 10/10/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 29 JAN 94

PREDICTED 30 JAN - 01 FEB 095/095/096

90-DAY MEAN 29 JAN 103

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 28 JAN 25

ESTIMATED 29 JAN 10

PREDICTED 30 JAN - 01 FEB 10/08/12

SOLTERWARN

SPAN

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