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HOUS 2 BOU 210200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
210200Z JAN 1973

I. SUNSPOT DATA FROM CANARY IS. AT 201000Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

008 N11W11 316 0200 H 03 08 ALPHA

011 S19W65 010 0050 E 11 03 BETA

012 S13W19 324 0040 D 12 06 BETA

014 N12E60 245 0010 H 00 01 ALPHA

MAGNETIC CLASSIFICATION-

RGNS 008, 012 & 014 FROM MT. WILSON

RGN 011 INFERRED AT CANARY IS.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

NONE

III. AREAS OF SPECIAL INTEREST-

NONE

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HFUS 1 BOU 210617

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 021

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 21 JANUARY 1973

IA. NO CHANGE

IB. NO CHANGE

II. MAGNETIC DISTURBANCE CONTINUES MINOR

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 211300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 021B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 21 JANUARY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW, WITH ONLY THREE SUBFLARES
REPORTED IN THE PAST 24 HOURS. NO SIGNIFICANT CHANGE IN PREVIOUSLY
REPORTED REGIONS, HOWEVER A NEW B TYPE GROUP HAS EMERGED AT N18E12
(REGION 015).

IB. ACTIVITY WILL REMAIN VERY LOW. MINOR LIMB ACTIVITY AT NE19 MAY
BE OLD REGION 001 RETURNING.

II. MINOR MAGSTORM IS NOW TAPERING OFF, AND THE FIELD SHOULD BE UN-
SETTLED TO QUIET.

III. EVENT PROBABILITIES 21-23 JAN

CLASS M 15/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 JAN 102

PREDICTED 21-23 JAN 102/103/104

90-DAY MEAN 20 JAN 110

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 JAN 09

ESTIMATED 20 JAN 21

PREDICTED 21-23 JAN 12/08/10

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HFUS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 021

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 JANUARY 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE SOLAR DISK REMAINS
RELATIVELY UNIMPRESSIVE. FOUR SMALL SPOT GROUPS ARE VISIBLE.
SPOT GROWTH OF FOLLOWING POLARITY IS AGAIN TAKING PLACE IN REGION
008 /N11W31/. A SMALL SPOT GROUP, NUMBER 015, HAS DEVELOPED NEAR
N18E04. A FAINT PLAGE CROSSING THE EAST LIMB NEAR N20 MAY BE
THE RETURN OF OLD REGION 001.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. ONLY NON-ENERGETIC
SUBFLARES ARE EXPECTED.

II. THE GEOMAGNETIC FIELD WAS ACTIVE DURING LOCAL NIGHT. UN-
SETTLED CONDITIONS ARE EXPECTED DURING LOCAL NIGHT ON 22 JANUARY
FOLLOWED BY GENERALLY QUIET CONDITIONS UNTIL 25 JANUARY.

III. EVENT PROBABILITIES 22 JAN - 24 JAN.

CLASS M 15/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 21 JAN 101

PREDICTED 22 JAN - 24 JAN 102/103/104

90-DAY MEAN 21 JAN 109

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 20 JAN 24

ESTIMATED 21 JAN 18

PREDICTED 22 JAN - 24 JAN 10/08/06

SOLTERWARN

SPAN

BT