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HOUS 2 BOU 0230200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
23/0200Z JAN 1973

I. SUNSPOT DATA FROM RAMEY AT 22/1258Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

008 N10W35 314 0100 C 03 04 BETA

012 S14W45 324 0050 D 07 02 BETA

014 N08E32 247 0020 H 01 01 ALPHA

016 S14E19 260 0010 B 03 05 BETA

017 N10E42 237 0040 D 04 06 BETA

MAG-TYPE INFERRED AT RAMEY

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

NONE

III.

AREAS OF SPECIAL INTEREST-

NONE

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HFUS 1 BOU 0230600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 023

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 23 JANUARY 1973

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANTE

V. NO CHANGE

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HFUS 1 BOU 231300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 023B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 23 JANUARY 1973

IA. ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED IN THE PAST  
24 HOURS. REGIONS 016 (S14E02) AND 017 (N11E26) SHOW SLIGHT GROWTH.  
A NEW GROUP HAS EMERGED AT N02E18 (REGION 018, B TYPE).

IB. ACTIVITY WILL CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETTLED. QUIET CONDITIONS  
ARE EXPECTED ON 23 JAN, BECOMING UNSETTLED BY 26 JAN.

III. EVENT PROBABILITIES 23-25 JAN

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 JAN 102

PREDICTED 23-25 JAN 104/103/103

90-DAY MEAN 22 JAN 108

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 JAN 14

ESTIMATED 22 JAN 04

PREDICTED 23-25 JAN 02/04/06

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HFUS BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 023

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 JANUARY 1973.

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. ONLY THREE ISOLATED  
SUBFLARES HAVE BEEN NOTED ON THE DISK IN THE PAST 24 HOURS. NONE  
OF THE EIGHT REGIONS CURRENTLY SEEN ON THE DISK ARE IMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. THE REGIONS WHICH  
HAVE BEEN ON THE DISK FOR A FEW DAYS ARE ALL DECLINING. NEW  
REGION 019 /S10E53/ IS A SMALL COMPACT AND INTENSE REGION WHICH  
APPEARS TO BE DEVELOPING RAPIDLY. IT SHOULD NOT YET BE CONSIDERED  
CAPABLE OF PRODUCING ENERGETIC FLARES. NO SPOTS HAVE YET BEEN  
SEEN IN A NEW REGION LOCATED AT N18W60, BUT THE AREA APPEARS  
HEATED UP ON EUV AND LONG X-RAY MAPS AND MAY DEVELOP AS IT CROSSES  
THE DISK. NO OLD REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST 24  
HOURS. THE FIELD IS EXPECTED TO BECOME QUIET EARLY IN THE FORE-  
CAST PERIOD AND THEN BECOME UNSETTLED TO ACTIVE AGAIN LATE IN THE  
FORECAST PERIOD.

III. EVENT PROBABILITIES 24 JAN - 26 JAN.

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 23 JAN 100

PREDICTED 24 JAN - 26 JAN 101/101/103

90-DAY MEAN 23 JAN 107

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 22 JAN 04

ESTIMATED 23 JAN 09

PREDICTED 24 JAN - 26 JAN 04/06/08

SOLTERWARN

SPAN

BT