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KBOU

HOUS 2 BOU 190200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
19/0200Z JAN 1973.

I. SUNSPOT DATA FROM CANARY IS. AT 18/0900Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0008 N11E16 317 0200 D 03 12 BETA

0011 S18W35 008 0050 D 06 03 BETA

0012 S12E09 324 0030 C 02 07 BETA

0013 N04E07 326

NOTE: RGN 013 FORMED AFTER THE CYI REPORT.

MAG-TYPE 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 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 019A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 19 JAN 1973.

I. 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 0198

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 19 JANUARY 1973

IA. SOLAR ACTIVITY REMAINS LOW. THE FIVE REGIONS NOW ON THE
VISIBLE DISK ARE STABLE AND INACTIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. ONLY NON ENERGETIC
SUBFLARES ARE EXPECTED DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. AN INTERPLANETARY SECTOR
BOUNDARY IS EXPECTED TO SWEEP PAST THE EARTH LATER TODAY. UNSETTLED
GEOMAGNETIC CONDITIONS ARE EXPECTED AFTER THIS SECTOR BOUNDARY
PASSAGE.

III. EVENT PROBABILITIES 19 - 21 JAN

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 JAN 99

PREDICTED 19 - 21 JAN 102/100/100

90-DAY MEAN 18 JAN 110

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 JAN 03

ESTIMATED 18 JAN 04

PREDICTED 19 - 21 JAN 08/10/10

SPAN

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HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 019

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 19 JAN 1973

IA. SOLAR ACTIVITY REMAINS LOW WITH ONLY THREE SUBFLARES REPORTED DURING THE PAST 24 HOURS. REGION 012 /S13W11/ IS DEVELOPING SLOWLY AND A SMALL AREA NEAR THE MAIN SPOT OF REGION 008 /N11W02/ HAS BECOME UNSTABLE.

IB. SUBFLARE ACTIVITY IS EXPECTED TO INCREASE DUE TO THE RECENT CHANGES IN THE ABOVE REGIONS.

II. THE GEOMAGNETIC FIELD BECAME UNSETTLED NEAR 1630Z TODAY. UNSETTLED CONDITIONS SHOULD CONTINUE DURING THE NEXT 72 HOURS WITH THE MOST UNSTABLE PERIODS EXPECTED ON 20 JAN.

III. EVENT PROBABILITIES 20 - 22 JAN

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JAN 98

PREDICTED 20 - 22 JAN 98/98/96

90-DAY MEAN 19 JAN 110

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 JAN 02

ESTIMATED 19 JAN 07

PREDICTED 20 - 22 JAN 12/10/08

SOLTERWARN

SPAN

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