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KBOU

HOUS 2 BOU 140200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
14/0200Z JAN 1973

I. SUNSPOT DATA FROM CANARY IS. AT 13/0900Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

519 N13W80 118 0090 E 14 04 BETA

006 S14E18 020 0000 B 03 02 ALPHA

008 N12E84 314 0200 H 02 01 ALPHA

MAGNETIC CLASSIFICATIONS MT. WILSON.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

UNKNOWN 13/0449Z 0454Z 0506Z M1

III. AREAS OF SPECIAL INTEREST-

NONE.

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HFUS 1 BOU 140600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 014A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 14 JANUARY 1973

IA. NO CHANGE

IB. NO CHANGE

II. THE MINOR MAGNETIC DISTURBANCE CONTINUES.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 141300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 014 B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 14 JANUARY 1973

IA. SOLAR ACTIVITY HAS BEEN LOW. THE LAST ACTIVITY REPORTED WAS AN
IMPORTANCE IN FLARE AT 14/0105Z FROM REGION 519 (N13) WHICH HAS ROTATED
FROM VIEW. THE TWO SUNSPOT GROUPS REMAINING ON THE VISIBLE DISK.

006 (S16E02) AND 008 (N09E66), ARE STRUCTURALLY SIMPLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW FOR THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. UNSETTLED CONDITIONS
ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 14-16 JAN

CLASS M 30/25/20

CLASS X 02/02/01

PROTON 02/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JAN 106

PREDICTED 14-16 JAN 105/103/105

90-DAY MEAN 13 JAN 111

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JAN 20

ESTIMATED 13 JAN 12

PREDICTED 14-16 JAN 10/10/08

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HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 014

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 JAN 1973.

IA. SOLAR ACTIVITY HAS BEEN LOW. MINOR SURGING ACTIVITY HAS
CONTINUED AT NW10 WHERE REGION 519 HAS ROTATED OUT OF VIEW.
REGION 008 /N10E63/ CONTAINS A LARGE H-TYPE LEADER SPOT AND
SEVERAL SEPARATED FOLLOWER SPOTS. THUS FAR THE REGION APPEARS
TO HAVE A SIMPLE BIPOLAR MAGNETIC STRUCTURE.

IB. SOME CHANCE REMAINS OF ACTIVITY AT NW10. MINOR FLARES
ARE THE CURRENT PROSPECT FROM REGION 008.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED
TO REMAIN UNSETTLED WITH A QUIETING TREND THROUGH THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 15 JAN - 17 JAN.

CLASS M 25/20/20

CLASS X 02/01/01

PROTON 05/03/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 14 JAN 100

PREDICTED 15 JAN - 17 JAN 100/100/100

90-DAY MEAN 14 JAN 111

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 13 JAN 12

ESTIMATED 14 JAN 08

PREDICTED 15 JAN - 17 JAN 07/06/05

SOLTERWARN

SPAN

BT