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HOUS 2 BOU 280200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
28/0200Z JAN 1973.

I. SUNSPOT DATA FROM RAMEY AT 27/1230Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0017 N09W27 239 0010 D 03 04 ALPHA

NOTE: MAGNETIC CLASSIFICATION FROM MT. WILSON

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

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HFUS 1 BOU 280600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 028A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 28 JAN 1973

IA. NO CHANGE

IB. NO CHANGE

II. THE GEOMAGNETIC FIELD REMAINS UNSETTLED

III. NO CHANGE

IV. NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JAN 16

ESTIMATED 27 JAN 21

PREDICTED 28-30 JAN 24/10/10

SOLTERWARN

SPAN

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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 028B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 28 JANUARY 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED DURING THE LAST 24 HOURS. AN IMPORTANCE 2 ACTIVE PROMINENCE WAS OBSERVED AT SW90 MOVING SLOWLY OUTWARD DURING THE LATTER HALF OF THE 27TH. A NEW CRO SPOT GROUP HAS BEEN OBSERVED BY CANARY IS AT N13E57 WITH POINT BRIGHTENINGS IN THE ASSOCIATED PLAGE. A NEW MODERATE TO BRIGHT PLAGE WITH A FEW SMALL SPOTS HAS EMERGED NEAR N18W08.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW, ALTHOUGH SOME SUBFLARE ACTIVITY MAY OCCUR IN THE NEW REGIONS DISCUSSED ABOVE.

II. ACTIVE GEOMAGNETIC CONDITIONS PREVAILLED DURING THE LAST 24 HOURS WITH A MINOR GEOMAGNETIC SUBSTORM OBSERVED EARLY ON THE 28TH. A MAXIMUM K VALUE OF 6 WAS OBSERVED BETWEEN 03Z AND 06Z. THE ACTIVE GEOMAGNETIC CONDITIONS SHOULD SLOWLY SUBSIDE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 28 JAN - 30 JAN

CLASS M 15/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 JAN 096

PREDICTED 28 JAN-30 JAN 099/101/103

90-DAY MEAN 27 JAN 104

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JAN 16

ESTIMATED 27 JAN 21

PREDICTED 28 JAN -30 JAN 24/15/10

SPAN

BT

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KBOU

HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 028

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 JANUARY 1973.

IA. SOLAR ACTIVITY CONTINUES VERY LOW. FOUR SUBFLARES AND A ONE
NORMAL /REGION 022, MAX AT 1335Z, NO RADIO/ HAVE BEEN REPORTED IN
THE PAST 24 HOURS. REGION 017 /N09W50/ HAS DECAYED TO A SINGLE
SPOT, AND TWO NEW SMALL REGIONS HAVE EMERGED AS REGIONS 021 /N19W21/
AND 022 /N13E41/.

IB. ACTIVITY WILL REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 24 HOURS,
/K OF 6 FOR 03Z TO 06Z/ DECLINING TO UNSETTLED IN THE PAST 12.
THE FIELD SHOULD RETURN TO QUIET OR MILDLY UNSETTLED BY THE END
OF THE 72 HOUR 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 29

PREDICTED 29 JAN - 31 JAN 15/10/08

SOLTERWARN

SPAN

BT