

NNNN

KBOU

HOUS 2 BOU 100200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
10/0200Z FEB 1973.

I. SUNSPOT DATA FROM CANARY IS. AT 09/1000Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

029 N08E28 013 0140 D 05 15 BETA

030 N11E26 015 0160 H 02 02 ALPHA

031 N14E12 029 0050 D 04 07 BETA

032 S11E58 343 0000 A 00 02 ALPHA

033 S03E68 333 0020 H 01 01 ALPHA

NOTE: MAGNETIC CLASSIFICATIONS FROM MT. WILSON.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

TRAILER OF REGION 029 MAY BE DEVELOPING INTO DELTA CONFIGURATION.

SOLTERWARN

SPAN

BT

NNNN

KNRL

NNNN

KBOU

HFUS 1 BOU 100600

SDF NUMBER 041A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 10 FEB 1973

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 041B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 10 FEBRUARY 1973

IA. SOLAR ACTIVITY REMAINS LOW. IN RESTRUCTURING, REGION 029(N08E15)
APPEARS TO HAVE LOST THE POSSIBLE DELTA OF YESTERDAY. A SUNSPOT
GROUP (S13E78) AND COMPACT MODERATELY BRIGHT PLAGE HAVE CROSSED
EAST LIMB PRODUCING SMALL SURGES AND TWO SUB FAINT FLARES.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW BUT EXPECTED TO
INCREASE.

II. THE GEOMAGNETIC FIELD HAD BEEN SLIGHTLY ACTIVE BUT HAS RETURNED
TO UNSETTLED CONDITIONS. IT IS EXPECTED TO REMAIN UNSETTLED TO QUIET.

III. EVENT PROBABILITIES 10 - 12 FEB

CLASS M 30/40/40

CLASS X 02/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 FEB 104

PREDICTED 10 - 12 FEB 106/107/107

90-DAY MEAN 09 FEB 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 FEB 17

ESTIMATED 09 FEB 15

PREDICTED 10 - 12 FEB 10/08/06

SPAN

BT

NNNN

KBOU

HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 041

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 FEBRUARY 1973.

IA. SOLAR ACTIVITY HAS BEEN LOW. AN IMPRESSIVE INTENSITY THREE
PLUS TYPE TWO RADIO BURST OCCURRED FROM 10/1422Z TO 10/1446Z
BETWWEN 28 AND 80 MHZ. THE ONLY CONCURRENT OPTICAL ACTIVITY WAS
A SUBFLARE IN SPOTLESS REGION 032 /S12E42/ WHICH ENDED AT 10/1425Z.
REGION 029 /N08E12/ HAS NOT GROWN INTO A DELTA, BUT HIGH FIELD
GRADIENTS STILL EXIST IN THE EASTERN PART OF THIS REGION.

IB. SOLAR ACTIVITY IS EXPECTED TO SLOWLY INCREASE, WITH SOME
POSSIBILITY OF ENERGETIC ACTIVITY FROM REGION 029.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED. THE PRESENT
QUIETING TREND IS EXPECTED TO CONTINUE.

III. EVENT PROBABILITIES 11 FEB - 13 FEB.

CLASS M 30/30/30

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 10 FEB 106

PREDICTED 11 FEB - 13 FEB 107/108/108

90-DAY MEAN 10 FEB 103

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 09 FEB 16

ESTIMATED 10 FEB 10

PREDICTED 11 FEB - 13 FEB 08/06/05

SOLTERWARN

SPAN

BT