

NNNN

KBOU

HOUS 2 BOU 0130200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
13/0200Z FEB 1973

I. SUNSPOT DATA FROM CANARY ISLANDS AT 12/0815Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

029 N08W12 016 0080 C 03 06 BETA

030 N11W15 019 0190 C 04 06 BETA

031 N12W30 034 0010 B 05 04 BETA

033 S04E29 335 0010 A 00 01 ALPHA

034 S16E53 311 0130 C 03 02 BETA

36 ← 035 → N15W03 007 0000 B 01 02 BETA

037 S08E78 286 0010 B 03 02 BETA

038 N15E15 351 0020 C 03 05 BETA

MAGNETIC POLARITIES INFERRED AT CANARY IS.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

NONE

III. AREAS OF SPECIAL INTEREST-

NONE

SOLTERWARN

SPAN

BT

NNNN  
KBOU  
HOUS 1 BOU 0130600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 044  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 13 FEBRUARY 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 131300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 044B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 13 FEBRUARY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH TWO SUBFLARES BEING REPORTED  
DURING THE PAST 15 HOURS. NEW SUNSPOTS HAVE EMERGED IN THE TRAILER  
OF REGION 029 (N08W24) WITH THE ASSOCIATED PLAGE MODERATELY BRIGHT.  
SLOW GROWTH CONTINUES IN REGION 037 (S08E64).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH AN ISOLATED CLASS  
M EVENT POSSIBLE DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO REMAIN  
QUIET, BECOMING UNSETTLED TOWARD THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 13 - 15 FEBRUARY

CLASS M 30/30/30

CLASS X 02/02/02

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 FEB 109

PREDICTED 13-15 FEB 109/109/108

90-DAY MEAN 12 FEB 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 FEB 06

ESTIMATED 12 FEB 08

PREDICTED 13-15 FEB 05/05/10

SOLTERWARN

SPAN

BT

NNNN  
KBOU  
HFUS BOU 132200  
REVISION  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 044  
JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 13 FEB 1973  
IA. SOLAR ACTIVITY HAS BEEN LOW. SUBFLARES HAVE BEEN REPORTED  
IN REGIONS 029 /N08W31/, 034 /S17E37/ AND 037 /S07E56/. THESE  
THREE REGIONS REMAIN SMALL WITH SOME INDICATION OF SLIGHT  
MAGNETIC COMPLEXITY.  
IB. CONTINUED LESSER FLARE ACTIVITY RANGING UP TO CLASS M  
INTENSITY IS EXPECTED FROM THE SAME 3 REGIONS.  
II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL 13/2120Z WHEN A SUDDEN  
COMMENCEMENT OCCURRED. THE TIMING OF THE S.C. WAS  
COMMENSURATE WITH A TYPE II RADIO EVENT THAT OCCURRED AT 10/1430Z-  
A TRANSIT TIME OF 80 HOURS. THE SOURCE OF THE TYPE II WAS UNKNOWN.  
THE TRANSIT TIME AND/OR LOCATION OF THE SOURCE EVENT INDICATE A  
WEAK STORM IS TO FOLLOW.  
III. EVENT PROBABILITIES 14 FEB - 16 FEB  
CLASS M 30/30/30  
CLASS X 02/02/02  
PROTON 02/02/02  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 13 FEB 108  
PREDICTED 14-16 FEB 108/107/107  
90-DAY MEAN 13 FEB 103  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 12 FEB 08  
ESTIMATED 13 FEB 02  
PREDICTED 14 - 16 FEB 15/12/08  
SOLTERWARN  
SPAN  
BT