

NNNN

KBOU

HOUS 2 BOU 260200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
26 0200Z JAN 1973

I. SUNSPOT DATA FROM CANARY IS. AT 25/0930Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0008 N11W76 317 0060 H 00 01 ALPHA

0017 N10E01 240 0060 C 08 15 BETA

0019 S10E33 208 0020 A 00 01 ALPHA

0020 S11W28 269 0020 B 03 02 BETA

NOTE: MAG-TYPE INFERRED AT CANARY IS.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NEW REGION CROSSING EAST LIMB NEAR N07.

SOLTERWARN

SPAN

BT

NNNN
KBOU
HXUS BOU 260600
FROM SPACE ENVIRONMENT SERVICE CENTER BOULDER COLO
SDF NUMBER 026A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 JAN 1973.
I. NO CHANGE
II. NO CHANGE
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
SPAN
BT

KBOU

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 026B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 26 JANUARY 1973

IA. SOLAR ACTIVITY REMAINS LOW. DISK REGIONS ARE SMALL AND SIMPLE MAGNETICALLY. PLAGE TRANSITING EAST LIMB N10-14 IS REPORTED AS DULL WITH NO SUNSPOTS YET VISIBLE. OSO-7 DATA SHOWS NO SIGNIFICANT CORONAL INTENSITY INCREASE DURING THE PAST 24 HOURS. DATA THUS FAR WOULD INDICATE NO REGENERATION IN THE LONGITUDES CONTAINING REGIONS 517 AND 519 ON LAST ROTATION.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH POSSIBILITY OF SLIGHT INCREASE DUE TO STRUCTURE CURRENTLY TRANSITING NE LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY ACTIVE. IT IS EXPECTED TO REMAIN MODERATELY UNSETTLED FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 26 - 28 JAN

CLASS M 20/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JAN 99

PREDICTED 26- 28 JAN 101/103/106

90-DAY MEAN 25 JAN 106

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JAN 17

ESTIMATED 25 JAN 16

PREDICTED 26 - 28 JAN 12/12/10

SPAN

BT

NNNN

KBOU

HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 026

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 JAN 1973

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. REGION 019 /S10E14/ PRODUCED A ONE FAINT FLARE AT 26/1625Z BUT SHOWS ONLY ONE SPOT IN WHITE LIGHT AND DOES NOT SEEM TO BE MAGNETICALLY COMPLEX. A NEW REGION TRANSITING THE EAST LIMB NEAR N07 IS RATHER BRIGHT ON THE MAUNA LOA 2 ARC-MINUTE K-CORONOGRAPH PLOT AND HAS BEEN ASSOCIATED WITH ACTIVE SURGES.

IB. ACTIVITY IS EXPECTED TO CONTINUE AT A GENERALLY LOW LEVEL, BUT THE NEW REGION IN THE NE MAY HAVE ENERGETIC POTENTIAL; VISUAL EVALUATION IS NOT YET POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND IS EXPECTED TO REMAIN SO FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 27 -29 JAN

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JAN 98

PREDICTED 27 - 29 JAN 101/103/106

90-DAY MEAN 26 JAN 105

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JAN 15

ESTIMATED 26 JAN 12

PREDICTED 27 - 29 JAN 11/10/08

SOLTERWARN

SPAN

BT