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HOUS 2 BOU 230200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT 230200Z
JUNE 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 221615Z.
LOCATIONS VALID AT 230000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0137 N12W73 152 0010 A 01 01 ALPHA

0147 S07E11 067 0350 D 07 63 BETA

0149 S03E25 053 0230 D 09 07 BETA

0150 S12E41 037 0040 C 08 03 BETA

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 230000Z.

NMBR LOCATION LO

0140 S11W45 124

0151 N07W75 154

0152 S05W32 111

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-
NONE.

III. AREAS OF SPECIAL INTEREST-

REGION 147. CONSIDERABLE PENUMBRA GROWTH IN THE LAST 24 HOURS.

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HFUS 1 BOU 230600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 174A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 23 JUNE 1973

IA. SOLAR ACTIVITY REMAINS LOW. REGION 147 (S07E08) REMAINS THE MOST INTERESTING BUT APPEARS TO HAVE REACHED MATURITY.

IB. NO CHANGE.

II. NO CHANGE.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 231300Z

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 174B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AZZNNNN

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HFUS 1 BOU 231300Z

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 174B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 23 JUNE 1973.

IA. SOLAR ACTIVITY REMAINS LOW WITH ONLY TWO SUBFLARES REPORTED
TODAY. REGION 147(S07E05) IS THE LARGEST AND MOST IMPRESSIVE
DISK REGION, BUT ITS SPOT GROUP HAS APPARENTLY REACHED MATURITY.
A MINOR 9.1CM RADIO ENHANCEMENT NEAR THE SOUTHEAST LIMB
IS PROBABLY ASSOCIATED WITH OLD REGION 118.

IB. FLARE ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND QUIET CONDITIONS
ARE EXPECTED DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 23 - 25 JUNE

CLASS M 40/40/40

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 22 JUNE 106

PREDICTED 23-25 JUNE 107/106/105

90-DAY MEAN 22 JUNE 98

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 JUNE 09

ESTIMATED 22 JUNE 04

PREDICTED 23-25 JUNE 04/04/04

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HFUS BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 174

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 JUNE 1973

IA. SOLAR ACTIVITY HAS BEEN LTW WITH ONLY 6 SUBFLARES REPORTED
IN THE LAST 24 HOURS. REGION 147 (S07W01) HAS SHOWN DECAY IN ITS
SPOT GROUP. ITS PLAGE IS NOT QUITE AS BRIGHT AS YESTERDAY. ALL
OTHER REGIONS ARE STABLE OR SLOWLY DECLINING. A MINOR SURGE
REGION EXISTS NEAR N13 EAST LIMB WHERE OLD REGION 128 IS DUE
TO RETURN. REGION 118 IS DUE BACK AT S15. NEITHER REGION WAS
ACTIVE LAST ROTATION.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH A SLIGHT
CHANCE FOR AN ENERGETIC EVENT. AN INCREASE IN THE RATE OF DECAY
IN REGIONS 147, 149 OR 150 WOULD RAISE THE PROBABILITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO BE
UNSETTLED TO QUIET DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24-26 JUNE

CLASS M 40/40/40

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JUNE 105

PREDICTED 24-26 JUNE 104/103/101

90-DAY MEAN 23 JUNE 99

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 JUNE 3

ESTIMATED 23 JUNE 7

PREDICTED 24-26 JUNE 8/7/4

SOLTERWARN

SPAN

BT