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HOUS 2 BOU 240200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT 240200Z
JUNE 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 231820Z.
LOCATIONS VALID AT 240000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0147 S07W02 067 0150 C 07 26 BETA

0149 S03E12 053 0140 D 09 12 BETA

0150 S12E34 031 0020 H 01 01 ALPHA

0153 S10E07 058 0000 A 00 01 ALPHA

MAGNETIC CLASS INFERRED AT BOULDER.

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

NMBR LOCATION LO

0140 S11W58 124

0152 S05W45 111

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

III. AREAS OF SPECIAL INTEREST-

REGION 147.

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HFUS 1 BOU 240600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 175A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 24 JUNE 1973

IA. SOLAR ACTIVITY REMAINS LOW. REGION 147 (S07W05) CONTINUES TO UNDERGO STRUCTURAL CHANGES. PLAGE STRUCTURE HAS INCREASED. ANTI-POLES APPEAR TO BE FORMING NORTH AND SOUTH OF THE LARGE LEADER SPOT.

IB. NO CHANGE.

II. NO CHANGE.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 241300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 175B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 24 JUNE 1973.

IA. SOLAR ACTIVITY REMAINS LOW; LIMITED TO SUBFLARES COMING LARGELY
FROM REGION 147(S07W09). THE CLUSTER OF REGIONS 147, 149(S03E05),
AND 150 (S12E27) CONTINUES TO DECLINE, SHOWING DECAY OF THE
ASSOCIATED SPOT GROUPS.

IB. SEVERAL SUBFLARES ARE EXPECTED THROUGH THE DAY, BUT MORE
ENERGETIC FLARE ACTIVITY IS UNLIKELY.

II. THE GEOMAGNETIC FIELD HAS BECOME ACTIVE DURING THE NIGHT.
A SUB-STORM FROM ABOUT 02Z TO 05Z WAS FOLLOWED BY A QUIET
PERIOD, AND OVER THE PAST FEW HOURS THE FIELD HAS AGAIN BECOME
DISTURBED. THE ACTIVITY IS EXPECTED TO SUBSIDE WITHIN A DAY OR
TWO, THOUGH IT MAY PRODUCE K-INDICES OF ABOUT 4 AROUND LOCAL
MIDNIGHT.

III. EVENT PROBABILITIES 24 JUNE - 26 JUNE

CLASS M 35/35/35

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM 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 8

PREDICTED 24-26 JUNE 18/14/10

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HFUS BOU 242205

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 175

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 24 JUNE 1973

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 147 (S07W12) HAS PRODUCED A FEW CLASS C SUBFLARES. THE REGION REMAINS BRIGHT AND COMPACT WITH A TIGHT CURVING BUT OTHERWISE SIMPLE NEUTRAL LINE. REGIONS 149 (S02E01) AND 150 (S12E16) HAVE REMAINED STABLE. AN EXTENSIVE ACTIVE PROMINENCE LIES ON THE WEST LIMB AT S05-N15.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW WITH OCCASIONAL SMALL FLARES, PRIMARILY FROM REGION 147, THAT COULD REACH LOW CLASS M INTENSITY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE THE PAST 24 HOURS AND IS EXPECTED TO REMAIN SO FOR ANOTHER 24 HOURS BEFORE BECOMING SETTLED.

III. EVENT PROBABILITIES 25-27 JUNE

CLASS M 35/35/35

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JUNE 104

PREDICTED 25-27 JUNE 103/101/100

90-DAY MEAN 24 JUNE 099

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JUNE 10

ESTIMATED 24 JUNE 25

PREDICTED 25-27 JUNE 15/10/08

SOLTERWARN

SPAN

BT

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