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KBOU

HOUS 2 BOU 210200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
21/0200Z JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM CANARIES TAKEN AT
20/0720Z. LOCATIONS VALID AT 21 JULY 0000Z.
NO SUNSPOTS OBSERVED.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 21 JULY 0000Z.

NMBR LOCATION LO

0171 S04W43 110

0172 S13W79 146

0173 N17E09 058

0174 N14W87 154

II. NONE.

III. NONE.

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HFUS 1 BOU 210600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 202A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 JULY 1973

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL.

IB. NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD REMAINS IN AN UNSETTLED CONDITION.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 211300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 202B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 21 JULY 1973

IA. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL. ONLY TWO ZERO-FAINT FLARES HAVE BEEN REPORTED DURING THE PAST 24 HOURS. REGION 171 (S04W50) HAS DEVELOPED SLOWLY AND NOW CONTAINS A RUDIMENTARY C-TYPE SPOT GROUP WITH ASSOCIATED FLUCTUATING PLAGE. REGION 174 (N14W90) IS PRODUCING MINOR SURGES AS IT CROSSES THE WEST LIMB. OTHER REGIONS ARE QUIET AND DECLINING.

IB. THE PRESENT VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE.

II. QUIET TO UNSETLED GEOMAGNETIC CONDITIONS HAVE PREVAILED DURING THE PAST 24 HOURS. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN GENERALLY QUIET.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 202

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 JUL 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO SUBFLARES HAVE BEEN
OBSERVED DURING THE PAST 24 HOURS. REGION 171 (S06W55) HAS
REGENERATED SOMEWHAT BUT NOW APPEARS TO BE DECLINING AGAIN.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGHOUT
THE FORECAST PERIOD. NO ENERGETIC ACTIVITY IS EXPECTED.

NO OLD REGIONS ARE DUE TO RETURN UNTIL 25 JULY.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET FOR THE PAST
24 HOURS. THE FIELD SHOULD REMAIN QUIET THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 22 JULY -24 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 JUL 077

PREDICTED 22-24 JUL 076/076/077

90-DAY MEAN 21 JUL 094

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 JULY 11

ESTIMATED 21 JULY 07

PREDICTED 22-24 JULY 05/05/07

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