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KBOU

HOUS 2 BOU 130200

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

I. SUNSPOT DATA FROM CANARY IS. AT 12/1030Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0092 S14W81 349 0080 H XX 01 ALPHA

0100 S12W72 340 0040 H XX 01 ALPHA

0102 N05E03 265 XXXX B XX 02 BETA

MAGNETIC CLASSIFICATIONS FROM MT. WILSON. REGION 102 WAS REPORTED
BY MT. WILSON AT 1425Z.

II. NONE.

III. NONE.

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HFUS 1 BOU 130600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 133A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 13 MAY 1973

IA. SOLAR ACTIVITY CONTINUES AT VERY LOW LEVEL. NO ACTIVITY HAS
BEEN OBSERVED DURING PAST 6 HOURS.

IB. NO CHANGE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED BUT NO MAJOR
DISTURBANCE IS EXPECTED.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 131300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 133B

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

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL; ONLY ONE SUBFLARE HAS BEEN OBSERVED IN THE PAST 24 HOURS. REGION 092 (S14W90) HAS PRODUCED ONLY MINOR SURGE ACTIVITY. REGION 100 (S12W79) APPEARS QUIET. REGION 102 (N05W09) PRODUCED A SUBFLARE AT 12/1520Z.

IB. ENERGETIC EVENTS ARE NOT ANTICIPATED. OLD REGION 082 IS EXPECTED TO RETURN OVER THE EAST LIMB AT N10 IN APPROXIMATELY 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED WITH AN UNUSUAL BAY AND K-INDEX EQUAL TO SIX AT 13/0820Z. ACTIVITY IS EXPECTED TO INCREASE DURING THE NEXT 24 HOURS, DUE TO THE RETURN OF RECURRENT INTERPLANETARY STRUCTURE.

III. EVENT PROBABILITIES 13 MAY - 15 MAY

CLASS M 30/20/30

CLASS X 01/01/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAY 85

PREDICTED 13 MAY - 15 MAY 83/85/88

90-DAY MEAN 12 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 MAY 08

ESTIMATED 12 MAY 11

PREDICTED 13 MAY - 15 MAY 19/15/17

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HFUS 1 BOU 131300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

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HFUS BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 133

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 MAY 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO SUNSPOTS ARE VISIBLE.
MINOR SURGES ARE REPORTED FROM DEPARTING REGIONS ON THE WEST LIMB.
ENHANCED ULTRAVIOLET AND X-RAY EMISSION AND MINOR SURGES ON THE
EAST LIMB NEAR N10 INDICATE THE PROBABLE RETURN OF PREVIOUSLY
ACTIVE REGION 082.

IB. NO SIGNIFICANT ACTIVITY IS EXPECTED FROM VISIBLE DISK
FEATURES. ACTIVITY MAY INCREASE TO A LOW TO MODERATE LEVEL DURING
THE NEXT 72 HOURS AS OLD REGION 082 OR ITS SUCCESSOR ROTATES
INTO VIEW.

II. THE GEOMAGNETIC FIELD WAS ACTIVE 13/0000-1200Z AND HAS
BEEN MILDLY UNSETLED SINCE. A RECURRENT-TYPE DISTURBANCE SHOULD
BEGIN WITHIN 18 HOURS. HIGHLY UNSETLED TO ACTIVE CONDITIONS ARE
EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 14 MAY - 16 MAY.

CLASS M 10/30/40

CLASS X 01/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 13 MAY 83

PREDICTED 14 MAY - 16 MAY 84/88/90

90-DAY MEAN 13 MAY 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 12 MAY 08

ESTIMATED 13 MAY 15

PREDICTED 14 MAY - 16 MAY 15/18/18

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 133

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
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MINOR SURGES ARE REPORTED FROM DEPARTING REGIONS ON THE WEST LIMB.
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