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KBOU

HOUS BOU 060200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 060200Z JUNE 1973.

I. REGIONS WITH SUNSPOTS. DATA FROM BOULDER. LOCATIONS VALID AT 06/0000Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0127 N14E41 262 0010 B 03 04 BETA

0128 N12W34 337 0010 B 01 05 BETA

NOTE MAGNETIC CLASSIFICATIONS INFERRED AT BOULDER

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID 06/0000Z.

NMBR LOCATION LO

0118 S12W33 337

0119 N11W51 355

0123 S13W57 001

0124 S17W09 315

0125 S15E09 295

0126 N16E77 227

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

SMALL 9.1CM RADIO ENHANCEMENTS ARE LOCATED AT N16E95 AND S13E95.

SOLTERWARN

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HFUS 1 BOU 060600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 157A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 06 JUNE 1973.

IA. SOLAR ACTIVITY REMAINS VERY LOW. MINOR SURGE ACTIVITY IS
OCCURRING ON THE NORTHEAST LIMB AND SMALL 9.1CM RADIO ENHANCEMENTS
ARE LOCATED NEAR N16E95 AND S13E95.

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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HFUS 1 BOU 061300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 157B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 06 JUNE 1973

IA. THE EAST LIMB IS IN THE SPOTLIGHT, AS SOLAR ACTIVITY REMAINS VERY LOW. SURGE ACTIVITY AND ACTIVE PROMINENCES HAVE BEEN OBSERVED AT N16 AND S13, WITH SOME SURGES VISIBLE TO 1.0 ANGSTROM IN EITHER WING. NO FLARES HAVE BEEN REPORTED TODAY. REGION 127 (N14E34) HAS GROWN IN H-ALPHA, WITH AN AFS NOW REPORTED THERE. REGION 128 (N12W41) HAS BEEN PREDOMINANTLY STABLE.

IB. FOLLOWING THE TREND OF THE PAST FEW DAYS, SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED, WITH NO SIGNIFICANT CHANGE ANTICIPATED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 06 JUNE - 08 JUNE

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 JUNE 80

PREDICTED 06 - 08 JUNE 81/82/83

90-DAY MEAN 05 JUNE 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 JUNE 16

ESTIMATED 05 JUNE 12

PREDICTED 06 - 08 JUNE 12/10/12

SOLTERWARN

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KBOU

HFUS BBU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 157

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 06 JUNE 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY ONE FLARE (OF) REPORTED IN THE LAST 24 HOURS. MINOR LIMB ACTIVITY (SURGES AND ACTIVE PROMINENCES) HAVE BEEN REPORTED ON THE NORTHEAST AND SOUTHEAST LIMBS. SOME PLAGE AND A 'D' SPOT GROUP HAVE BEEN SEEN AT N16 EAST LIMB (RGN 131). AN 'H' SPOT GROUP IS ALSO SEEN AT S14 EAST LIMB (RGN 132). A NEW BIPOLAR REGION WITH A 'C' SPOT GROUP HAS APPEARED AT N05E17 (RGN 130). THIS REGION, THOUGH SMALL, HAS UNDERGONE CONSIDERABLE GROWTH WITHIN THE LAST SEVERAL HOURS AND EXHIBITS A STRONG ARCH-FILAMENT SYSTEM.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW, BUT COULD BECOME MODERATE AS REGIONS 131 AND 132 ROTATE ONTO THE DISK AND AS REGION 130 DEVELOPS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED, BUT WILL PROBABLY BECOME ACTIVE TOWARD THE END OF THIS PERIOD AS PIONEER 8 SOLAR WIND DATA INDICATE A POSSIBLE MINOR STORM ON 9-10 JUNE.

III. EVENT PROBABILITIES 07-09 JUNE

CLASS M 05/10/12

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 JUNE 83

PREDICTED 07-09 JUNE 85/86/88

90-DAY MEAN 06 JUNE 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 JUNE 10

ESTIMATED 06 JUNE 09

PREDICTED 07-09 JUNE 10/12/18

SOLTERWARN

SPAN

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NNNN

B04- GWC

7 JUNE 73
1815Z

7-DAY OUTLOOK 08-15 JUN 73

SOLAR ACTIVITY: EXPECT LOW TO MODERATE ACTIVITY. SEVERAL MINOR EVENTS EXPECTED. GENERAL LEVEL OF ACTIVITY WILL INCREASE SOMEWHAT DURING THIS PERIOD.

GEOMAGNETIC FIELD WILL BE UNSETTLED 08-09 JUNE AND ACTIVE FROM 10-11 JUNE AND UNSETTLED TO ACTIVE 12-15 JUNE.