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KBOU

HOUS 2 BOU 110200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 11/0200Z JUL 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM RAMEY
TAKEN AT 10/1115Z. LOCATIONS VALID AT 11 JUL 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0158 N13W72 272 0450 D 07 19 BETA

0162 N01W48 248 0060 C 03 09 BETA

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 11 JUL 0000Z

NMBR LOCATION LO

0159 S07W75 275

0164 S20E26 174

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

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HFUS 1 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 192A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 11 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS WITH ONLY TWO C-CLASS SUBFLARES REPORTED. THE FEW REGIONS ON THE DISK APPEAR TO BE DECLINING.

IB. REGION 158 (N13W75) IS DECLINING, BUT IS CAPABLE OF PRODUCING A MODERATELY ENERGETIC FLARE AT ANY TIME.

II. THE GEOMAGNETIC FIELD CONTINUES MILDLY UNSETTLED AND SHOULD REMAIN SO THROUGHOUT THE FORECAST PERIOD.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU 111300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 192B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 11 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A SUBNORMAL X-RAY CLASS C2
FLARE IN RGN 158 (N13W80) AT 0636Z HAS BEEN THE ONLY ACTIVITY
REPORTED THUS FAR TODAY.

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 192

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 JULY 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY FOUR SUBFLARES
REPORTED TODAY. A NEW BIPOLAR REGION (166) HAS EMERGED NEAR
S10W05 WITH A STRONG ARCH-FILAMENT SYSTEM. MINOR PROMINENCE
ACTIVITY NEAR S10 E LIMB HAS BEEN OBSERVED. OTHERWISE THE DISK
IS QUIET.

IB. REGION 147 (S08) IS DUE BACK ON 14 JULY. THIS REGION WAS
MODERATELY ACTIVE ON LAST ROTATION BUT WAS DECAYING AS IT CROSSED
THE WEST LIMB. ACTIVITY WILL PROBABLY REMAIN VERY LOW, BUT
COULD INCREASE IF 166 DEVELOPS AND IF REGION 147 PROVES TO
BE ACTIVE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AND
WILL PROBABLY REMAIN SO FOR THIS PERIOD.

III. EVENT PROBABILITIES 12 JUL - 14 JUL.

CLASS M 40/20/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 11 JUL 91

PREDICTED 12 JUL - 14 JUL 90/89/88

90-DAY MEAN 11 JUL 95

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 10 JUL 07

ESTIMATED 11 JUL 05

PREDICTED 12 JUL - 14 JUL 05/05/05

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