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KBOU

HOUS 2 BOU 280200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
280200Z JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
271630Z. LOCATIONS VALID AT 280000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0177 S05E44 291 0060 H 02 03 ALPHA

MAGNETIC CLASS INFERRED AT BOULDER.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 280000Z.

NMBR LOCATION LO COMMENT

0173 N16W87 062

0175 N10W38 013

0176 N10E63 272

0178 N02E84 251 OLD REGION 162

II. NONE.

III. NONE.

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HFUS 1 BOU 280600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 209A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 28 JULY 1973

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL.

IB. NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE DISTURBED AT SUB STORM
LEVEL.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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KBOU

HFUS 1 BOU 281300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 209B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 28 JULY 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW, WITH NO FLARES REPORTED
SINCE 28/0000Z. REGION 177(S05E36), THE ONLY REGION WITH SPOTS,
HAS REMAINED MOSTLY STABLE. THE FILAMENT NORTH OF THE MAIN SPOT HAS
BEEN ACTIVE, AS HAS THE FILAMENT NEAR N05E60. THE REMAINDER OF THE
DISK AND THE LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE SO FAR TODAY. THE GENERAL
LEVEL OF ACTIVITY IS ON THE DECLINE AND WILL CONTINUE SO THROUGHOUT
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 28 - 30 JULY 1973

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 27 JULY 83

PREDICTED 28-30 JULY 84/84/84

90-DAY MEAN 27 JULY 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 JULY 28

ESTIMATED 27 JULY 25

PREDICTED 28-30 JULY 20/15/12

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HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 209

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 282200Z JULY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW AGAIN WITH ONLY ONE SUBFLARE
REPORTED IN THE LAST 36 HOURS. A LARGE FILAMENT NEAR REGION
176 (N11E50) HAS BEEN ACTIVE. ALL OTHER REGIONS AND THE LIMBS HAVE
BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THE NEXT 72 HOURS.

II. THE GEOMAGNETIC DISTURBANCE HAS SUBSIDED AND IS EXPECTED TO
BE UNSETTLED TO QUIET THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 29-31 JULY

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JULY 82

PREDICTED 29-31 JULY 83/83/83

90-DAY MEAN 28 JULY 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 JULY 25

ESTIMATED 28 JULY 14

PREDICTED 29-31 JULY 12/10/05

SOLTERWARN

SPAN

BT