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KBOU

HOUS 2 BOU 220200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
220200Z AUGUST 1973

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 211740
LOCATIONS VALID AT 22/0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0193 N13E22 343 0010 B 07 17 BETA

NOTE: MAGNETIC CASSIFICATION FROM MT WILSON

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 22/0000Z.

NMBR LOCATION LO

0196 N12W56 061

0197 S09E66 299

0198 N12E10 355

0199 S01E04 001

0200 S06E11 354

0202 N08W17 022

II. NONE

III. NONE

SOLTERWARN

SPAN

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HFUS 1 BOU 220600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 234A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 22 AUG 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW, WITH NO FLARES REPORTED THE
PAST 8 HOURS.

IB. ACTIVITY WILL REMAIN VERY LOW.

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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HFUS BOU 221300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 234B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 22 AUGUST 1973.

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. NO SPOTS HAVE
BEEN REPORTED IN RGN 197 (S09E58) OR RGN 201 (N10E90).

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL
THROUGHOUT THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS QUIET. UNSETTLED TO ACTIVE
CONDITIONS ARE EXPECTED TO BEGIN LATE TODAY.

III. EVENT PROBABILITIES 22-24 AUG

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 AUG 80

PREDICTED 22-24 AUG 82/83/85

90-DAY MEAN 21 AUG 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 AUG 08

ESTIMATED 21 AUG 05

PREDICTED 22 AUG - 24 AUG 06/20/20

SOLTERWARN

SPAN

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 234

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 AUGUST 1973.

IA. SOLAR ACTIVITY CONTINUED AT A VERY LOW LEVEL DURING THE
PAST 24 HOURS. REGION 193 REMAINS AS THE ONLY REGION OF SIG-
NIFICANCE BUT IT TOO IS QUIET. SMALL GROWTH IN SPOT NUMBER
MAY BE OCCURRING ALTHOUGH SIMPLICITY IN STRUCTURE AND ORGANI-
ZATION CONTINUES. THE NORTHEAST LIMB HAS BEEN THE SOURCE OF
SMALL INFREQUENT SURGE ACTIVITY WHERE OLD REGION 176 IS DUE
TO RETURN.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED
SINCE 1200 UT ON 22 AUGUST. UNSETTLED TO SLIGHTLY ACTIVE CONDITIONS
ARE EXPECTED DURING THE NEXT 24 TO 36 HOURS.

III. EVENT PROBABILITIES 23 AUG - 25 AUG.

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 22 AUG 79

PREDICTED 23 AUG - 25 AUG 80/80/79

90-DAY MEAN 22 AUG 86

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 21 AUG 06

ESTIMATED 22 AUG 08

PREDICTED 23 AUG - 25 AUG 20/20/20

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

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TO RETURN.

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