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HOUS 2 BOU 260200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
260200Z AUGUST 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
251545Z. LOCATIONS VALID AT 260000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0193 N12W34 346 0030 B 07 28 BETA-GAMMA

0202 N09W67 019 0010 A 01 01 ALPHA

0203 N14E54 258 0110 H 02 02 ALPHA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 260000Z.

NMBR LOCATION LO

0195 N05W29 341

0197 S05E13 299

0198 N11W42 354

0201 N12E29 283

0204 S45W12 324

0206 N15E70 242

0207 N02E86 226

0208 N02E45 267

II. NONE.

III. AREAS OF SPECIAL INTEREST-

INCREASING DEVELOPMENT IN THE LEADING PORTION (ISOLATED POLE)
OF REGION 193.

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HFUS 1 BOU 260600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 238A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 AUGUST 1973
IA. REGION 193 (N13W36) IS THE MOST INTERESTING DISK FEATURE BUT
HAS DECLINED IN ALL PARAMETERS SINCE THIS TIME YESTERDAY. THE OTHER
REGIONS ARE STABLE.
IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT EIGHT HOURS.
II. THE GEOMAGNETIC STORM CONTINUES WITH THE GREATEST DISTURBANCE
TAKING PLACE DURING THE NIGHT TIME HOURS HERE IN BOULDER.
III. NO CHANGE.
IV. NO CHANGE.
V. NO CHANGE
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HFUS 1 BOU 261300

FROM SPACE ENVIRONEMT SERVICES CENTER BOULDER COLO

SDF NUMBER 238B

JOINT AFGWC/SECS SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 26 AUGUST 1973

IA. REGION 193 REMAINS THE MOST IMPRESSIVE DISK FEATURE, EXHIBITING
ARCH FILAMENTS AND ENHANCED PLAGE IN THE LEADING SECTION. OTHER
REGIONS ARE STABLE.

IB. NO MAJOR ACTIVITY IS ANTICIPATED. REGION 193 MAY PRODUCE ONE
OR TWO SPORADIC MINOR FLARES DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS STILL ACTIVE, BUT THE LEVEL OF
DISTURBANCE IS DECREASING.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 238

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 AUGUST 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. DEVELOPING REGION 208
(N02E33) PRODUCED THE ONLY SUBFLARE OF THE PAST 24 HOURS. REGION
208 CONTAINS A SMALL SUNSPOT GROUP. DEVELOPMENT HAS SLOWED IN
REGION 193 (N12W47). OTHER VISIBLE FEATURES HAVE BEEN STABLE.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW TO LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. UNSETLED TO ACTIVE
CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS. THE LEVEL OF
ACTIVITY SHOULD DECREASE AS THE PERIOD PROGRESSES.

III. EVENT PROBABILITIES 27-29 AUG

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 AUG 89

PREDICTED 27-29 AUG 90/91/91

90-DAY MEAN 26 AUG 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 AUG 29

ESTIMATED 26 AUG 16

PREDICTED 27-29 AUG 15/12/10

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