

KBOU

HOUS 2 BOU 270200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
270200Z AUG 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
261450Z. LOCATIONS VALID AT 270000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0193 N12W48 347 0020 B 06 18 BETA

0203 N14E40 259 0120 H 02 01 ALPHA

0208 N02E32 267 0010 B 03 07 BETA

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 270000Z.

NMBR LOCATION LO COMMENT

0195 N05W43 342

0197 S05E00 299

0201 N12E15 284

0204 S45W25 324 BARELY VISIBLE

0206 N15E70 228

II. NONE.

III. NONE.

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HFUS 1 BOU 270600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 239A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 27 AUGUST 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING PAST 12 HOURS. REGION
208 (N02E31) HAS SHOWN A LITTLE GROWTH. THE OTHER REGIONS ARE QUIET
AND STABLE.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 8 HOURS.

II. THE GEOMAGNETIC STORM CONTINUES TO SHOW DISTURBED CONDITIONS
DURING THE NIGHTTIME HOURS IN BOULDER. THIS MINOR DISTURBANCE WILL
NOW START A GRADUAL DECREASING TREND.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 239B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 27 AUGUST 1973

IA. SOLAR ACTIVITY HAS REMAINED LOW. A SMALL SUB-FAINT FLARE OCCURRED
IN REGION 208 (N02E26) AT 239/0926Z. REGION 208 CONTAINS ARCH-FILAMENTS
AND ENHANCED PLAGE. OTHER REGIONS PRESENTLY ARE STABLE.

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 239

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 AUGUST 1973.

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGIONS 193 (N12W63) AND 208 (N02E18) HAVE PRODUCED NON-ENERGETIC SUBFLARES. ALL VISIBLE REGIONS ARE SMALL AND BASICALLY SIMPLE. REGION 193 IS SLOWLY DECAYING. REGION 208 HAS SHOWN PLAGE AND SPOT GROWTH. A SMALL SPOT GROUP HAS DEVELOPED IN REGION 206 (N15E61).

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW FOR THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 36-48 HOURS.

III. EVENT PROBABILITIES 28 AUG - 30 AUG.

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 27 AUG 93

PREDICTED 28 AUG - 30 AUG 95/97/95

90-DAY MEAN 27 AUG 86

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 26 AUG 16

ESTIMATED 27 AUG 18

PREDICTED 28 AUG 30 AUG 14/10/08

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