

KBOU

HOUS 2 BOU 220200

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

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
211830Z. LOCATIONS VALID AT 220000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0227 N15W08 323 0050 C 05 02 BETA

0231 N05E33 282 0020 B 03 03 BETA

0234 N04E57 258 0110 H 02 02 ALPHA

0236 N14E63 252 0060 D 07 08 BETA

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 220000Z.

NMBR LOCATION LO

226 S09W32 347

228 S14W13 328

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

236 IN 21/2017Z 2022Z 2209Z -

III. AREAS OF SPECIAL INTEREST-

NONE.

SOLTERWARN

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KBOU

HFUS 1 BOU 220600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 265A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 22 SEPTEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. REGION
236 (N14E63) HAS UNDERGONE SOME CHANGE AND IS LIKELY TO PRODUCE SOME
ACTIVITY. THE OTHER REGIONS ARE STABLE.

IB. NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE UNSETTLED TO ACTIVE. NO
MAJOR DISTURBANCE IS EXPECTED.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

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HFUS 1 BOU 221301

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 265B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 22 SEPTEMBER 1973

IA. SOLAR ACTIVITY REMAINS LOW WITH THREE NON-ENERGETIC SUBFLARES
REPORTED IN THE PAST 12 HOURS. REGION 236 (N14E57) CONTINUES
MODERATE GROWTH IN SUN SPOT STRUCTURE BUT REMAINS SIMPLE
MAGNETICALLY. REGION 238 (N12W15) HAS EMERGED AND CONTAINS AN
A-TYPE SUNSPOT. REGION 231 (N05E27) HAS REVERSED POLARITIES BUT
IS WEAK IN STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND IS
EXPECTED TO REMAIN SO FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 SEP 08

ESTIMATED 21 SEP 20

PREDICTED 22-24 SEP 15/25/20

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HFUS BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 265

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

IA. SOLAR ACTIVITY REMAINS VERY LOW. GROWTH IS OCCURRING IN
REGION 236 (N14E50), BUT FLARE PRODUCTION REMAINS LOW. ALL
OTHER REGIONS ARE STABLE. THE LIMBS SHOW NO INDICATION OF RE-
TURNING REGIONS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. SEVERAL RE-
TURNING REGIONS ARE EXPECTED TO BE INACTIVE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY ACTIVE.
IT IS EXPECTED TO BECOME ACTIVE AT ANY TIME AND REMAIN SO FOR
THIS PERIOD.

III. EVENT PROBABILITIES 23 SEP - 25 SEP.

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 22 SEP 99

PREDICTED 23 SEP - 25 SEP 104/106/108

90-DAY MEAN 22 SEP 89

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 21 SEP 15

ESTIMATED 22 SEP 10

PREDICTED 23 SEP - 25 SEP 25/20/18

SOLTERWARN

SPAN

BT