

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 323 005 0 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 PLAGES 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
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236	IN	21/2017Z	2022Z	2209Z	-
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III. AREAS OF SPECIAL INTEREST-

NONE.

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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 UNSETLED 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 UNSETLED 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 RETURNING REGIONS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. SEVERAL RETURNING 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

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