

KBOU B

HOUS 2 BOU 290200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
290200 DEC 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
281645. LOCATIONS VALID AT 29 DEC 0000Z.

NO SPOTS VISIBLE.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 29 DEC 0000Z.

NMBR LOCATION LO

0300 S18W90 193

0301 S09W86 189

0302 S14W59 162

0307 S14E56 047

0308 S07E72 031

II. NONE.

III. NONE.

SOLTERWARN

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HFUS 1 BOU 290600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 363A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 29 DECEMBER 1973

IA. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL DURING THE PAST 8 HOURS. NO SPOTS ARE VISIBLE AT THIS TIME AND NO FLARES HAVE BEEN OBSERVED. THE LIMBS ARE ALSO QUIET.

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

II. THE GEOMAGNETIC FIELD IS SLIGHTLY UNSETTLED AND IS EXPECTED TO REMAIN UNSETTLED DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

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HFUS-1 BOU 291300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 363B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 29 DECEMBER 1973

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL.

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

II. THE GEOMAGNETIC FIELD BECAME ACTIVE BETWEEN 0900 AND 1200 UT
THIS MORNING. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE
NEXT 24 TO 36 HOURS.

III. EVENT PROBABILITIES: 29 DEC - 31 DEC

CLASS M	15/10/10
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	28 DEC 86
PREDICTED	29 DEC - 31 DEC 82/78/74
90-DAY MEAN	28 DEC 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	27 DEC 06
ESTIMATED AFR/AP	28 DEC 08/09
PREDICTED AFR/AP	29 DEC - 31 DEC 22/28 - 14/16 - 09/10
SOLTERWARN	
SPAN	
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SOLTERWARN

SPAN

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KBOU

HFUS BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 363

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 DECEMBER 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY MINOR SURGING
OCCURRING AT SW18 WITH THE DEPARTURE OF REGION 300. THERE ARE
NO SUNSPOTS ON THE VISIBLE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THERE IS NO
SIGNIFICANT REGION ON THE DISK AND NONE IS DUE TO RETURN DURING
THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND IS EXPECTED
TO REMAIN SO FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 DEC - 01 JAN.

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 29 DEC 79

PREDICTED 30 DEC - 01 JAN 74/71/70

90-DAY MEAN 29 DEC 85

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 28 DEC 09

ESTIMATED AFR/AP 29 DEC 11/12

PREDICTED AFR/AP 30 DEC - 01 JAN 10/11 - 14/16 - 12/13

SOLTERWARN

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