

KBOU

HOUS 2 BOU 160200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
160200 SEPT 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM CANARY TAKEN AT  
150730. LOCATIONS VALID AT 16 SEPT 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0227 N14E70 325 0050 H 04 01 ALPHA

0229 N12W12 041 0020 B 02 02 -

MAGNETIC CLASSIFICATION FROM MT WILSON.

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 16 SEPT 0000Z

NMBR LOCATION LO

0226 S11E53 342

0228 S12E73 322

II. NONE.

III. AREAS OF SPECIAL INTEREST -

REGION 227

SOLTERWARN

SPAN

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KBOU

HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 259A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 16 SEPTEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. SEVERAL  
SMALL LIMB EVENTS HAVE BEEN OBSERVED BUT NO FLARE ACTIVITY HAS BEEN  
OBSERVED.

IB. NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD REMAINS IN AN UNSETTLED CONDITION.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 161300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 25<sup>1B</sup>

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 16 SEPTEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ONLY  
MINOR LIMB ACTIVITY HAS BEEN OBSERVED. A NEW REGION 230, CONSISTING  
OF AN "A" TYPE SPOT AND SMALL DIM PLAGE HAS DEVELOPED AT S04E12.

IB. NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO ACTIVE DURING THE PAST  
24 HOURS AND IS EXPECTED TO CONTINUE UNSETTLED DURING THE NEXT 24  
HOURS.

III. EVENT PROBABILITIES 16 SEP - 18 SEP

CLASS M 10/10/10

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 SEP 82

PREDICTED 16 SEP - 18 SEP 82/83/85

90-DAY MEAN 15 SEP 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 SEP 03

ESTIMATED 15 SEP 08

PREDICTED 16 SEP - 18 SEP 10/08/10

SOLTERWARN

SPAN

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KBOU

HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 259

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 16 SEPT. 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ALL THE CURRENT DISK REGIONS  
ARE SMALL AND SIMPLE. MINOR GROWTH IS OCCURRING IN REGION 227 (N15E60)  
WITH SPOT CLASSIFICATION NOW TYPE D THOUGH THE NEUTRAL LINE  
CONFIGURATION REMAINS SIMPLE. REGION 226 (S11E50) CONTINUES A SLOW  
DECAY THOUGH THE NEUTRAL LINE REMAINS SLIGHTLY COMPLEX. NEW REGION  
230 (S04E10) HAS LITTLE PROSPECT OF DEVELOPING INTO A SOURCE OF  
ENERGETIC ACTIVITY.

IB. CONTINUED LOW LEVELS OF ACTIVITY ARE EXPECTED UNTIL 19  
SEPTEMBER WHEN RETURNING ACTIVE REGIONS 203 (N15) AND 213 (N06) ARE  
DUE TO REAPPEAR. BOTH SEEMED SMALL AND SIMPLE AT WEST LIMB, BUT  
213 WAS THE APPARENT SOURCE OF A CLASS X1 EVENT ON 06 SEPTEMBER, THE  
DAY AFTER IT CROSSED FROM VIEW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. INCREASING LEVELS  
OF ACTIVITY ARE EXPECTED THROUGH THE FORECAST PERIOD, REACHING  
MID-LATITUDE A LEVELS GREATER THAN 20 FOR 19-21 SEPTEMBER.

III. EVENT PROBABILITIES 17-19 SEPT.

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 SEPT 83

PREDICTED 17-19 SEPT 84/86/89

90-DAY MEAN 16 SEPT 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 SEPT 09

ESTIMATED 16 SEPT 10

PREDICTED 17-19 SEPT 12/14/20

SOLTERWARN

SPAN

BT

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