

KBOU

HOUS 2 BOU 300200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
30/0200Z DEC 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
29/1730Z. LOCATIONS VALID AT 30 DEC 0000Z.

NO SPOTS VISIBLE.

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 30 DEC 0000Z.

NMBR LOCATION LO

0302 S12W75 171

0307 S16E42 054

0308 S05E59 037

II. NONE.

III. NONE.

SOLTERWARN

SPAN

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KBOU

HFUS 1 BOU 300600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 364A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 30 DECEMBER 1973

IA. NO SPOTS ARE VISIBLE ON THE DISK AND NO FLARES HAVE BEEN
OBSERVED DURING THE PAST 3 HOURS. THE LIMBS ARE STABLE AND QUIET.

IB. NO MAJOR ACTIVITY IS EXPECTED. A FEW NON-ENERGETIC SUBFLARES
IS ABOUT ALL THAT CAN BE EXPECTED.

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

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

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HFUS 1 BOU 301300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 364B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 30 DECEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A SMALL NEW REGION (309) AT
N20W76 DOES NOT APPEAR TO BE ENERGETIC AT THIS TIME.

IB. ACTIVITY IS EXPECTED TO CONTINUE TO BE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND IS
EXPECTED TO REMAIN THE SAME THROUGH 31 DEC.

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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KBOU

HFUS 1 BOU 301300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 364B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 30 DECEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A SMALL NEW REGION (309) AT
N20W76 DOES NOT APPEAR TO BE ENERGETIC AT THIS TIME.

IB. ACTIVITY IS EXPECTED TO CONTINUE TO BE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE AND IS
EXPECTED TO REMAIN THE SAME THROUGH 31 DEC.

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

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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

SPAN

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KBOU

HFUS BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 364

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 DEC 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW. ONE SUBFAINT FLARE IN
SPOTLESS REGION 309 (N23W77) WAS THE ONLY REPORTED ACTIVITY DURING
THE LAST 24 HOURS. THERE ARE NO SPOTS ON THE DISK, AND ALL
PLAGE REGIONS APPEAR DIM AND STABLE.

IB. SINCE NO REGIONS ARE DUE TO RETURN, SOLAR ACTIVITY SHOULD
CONTINUE VERY LOW.

II. ACTIVE GEOMAGNETIC CONDITIONS ARE EXPECTED DURING THE FIRST
HALF OF THE FORECAST PERIOD ASSOCIATED WITH A RECURRENT DISTURBANCE.
UNSETTLED CONDITIONS ARE EXPECTED BY THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 31 DEC -02 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 DEC 77

PREDICTED 31 DEC - 02 JAN 75/73/73

90-DAY MEAN 30 DEC 85

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 DEC 15

ESTIMATED AFR/AP 30 DEC 13/14

PREDICTED AFR/AP 31 DEC 02 JAN 20/24 - 15/17 - 08/09

SOLTERWARN

SPAN

BT