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KBOU

HOUS 2 BOU 010200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
01/0200Z DEC 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
30/1830Z. LOCATIONS VALID AT 01 DEC 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0287 S09W44 156 0220 D 06 17 BETA GAMMA

0291 N05W79 191 0070 H 03 02 ALPHA

0292 S15W40 152 0020 B 05 03 BETA

0293 S09W68 180 0090 D 09 03 BETA

MAGNETIC CLASSIFICATION INFERRED AT BOULDER.

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 01 DEC 0000Z.

NMBR LOCATION LO

0289 S13E08 133

0294 N12E71 041

II. NONE.

III. AREAS OF SPECIAL INTEREST-

REGION 287.

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HFUS 1 BOU 010600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 335A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 01 DECEMBER 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
REGION 287 (S09W45) IS DECLINING AND THE OTHER DISK REGIONS ARE
STABLE AND QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL DURING THE NEXT
SEVEN HOURS.

II. THE GEOMAGNETIC FIELD IS VERY QUIET. CONDITIONS COULD BECOME
SLIGHTLY UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 010600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 335A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 01 DECEMBER 1973
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
REGION 287 (S09W45) IS DECLINING AND THE OTHER DISK REGIONS ARE
STABLE AND QUIET.
IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL DURING THE NEXT
SEVEN HOURS.
II. THE GEOMAGNETIC FIELD IS VERY QUIET. CONDITIONS COULD BECOME
SLIGHTLY UNSETTLED DURING THE NEXT 24 HOURS.
III. EVENT PROBABILITIES NO CHANGE
IV. OTTAWA 10.7 CM FLUX NO CHANGE
V. GEOMAGNETIC A INDICES NO CHANGE
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HFUS BOU 011300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 335B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 01 DEC 1973
IA. REGION 287 (S09W46) PRODUCED A SMALL SUBFLARE AT 010744 UT.
BUT OTHERWISE THE DISK HAS BEEN QUIET. ALL VISIBLE REGIONS APPEAR
STABLE OR SHOW A SLIGHT DECLINE.
IB. SOLAR ACTIVITY WILL REMAIN LOW FOR THE DURATION OF THE FORECAST
PERIOD.
II. THE GEOMAGNETIC FIELD IS UNSETTLED AND SHOULD REMAIN UNSETTLED
TO SLIGHTLY ACTIVITY FOR THE NEXT 48 HOURS.
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
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ZCZC 1301
HICI RCGM 011204

HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 335

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 01 DECEMBER 1973.

IA. ACTIVITY REMAINS VERY LOW. REGION 287 (S09W55) CONTINUES
ITS GRADUAL DECLINE AND HAS PRODUCED NO SIGNIFICANT ACTIVITY THE
PAST 24 HOURS.

IB. REGION 287 STILL HAS A LARGE SPOT GROUP AND RETAINS THE
POTENTIAL FOR ISOLATED CLASS M EVENTS. OTHER REGIONS ARE EXPECTED
TO PRODUCE ONLY NON-ENERGETIC SUBFLARES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, WITH AN EXPECTED RE-
CURRENT DISTURBANCE FAILING TO MATERIALIZE. QUIET CONDITIONS
ARE EXPECTED FOR THE NEXT 48 HOURS, FOLLOWED BY A SHORT PERIOD
OF DISTURBED CONDITIONS.

III. EVENT PROBABILITIES 02 DEC - 04 DEC.

CLASS M 25/20/20

CLASS X 06/04/04

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 01 DEC 89

PREDICTED 02 DEC - 04 DEC 88/87/85

90-DAY MEAN 01 DEC 91

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 30 NOV 01

ESTIMATED AFR/AP 01 DEC 03/04

PREDICTED AFR/AP 02 DEC - 04 DEC 05/06 - 06/07 - 11/12

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HFUS BOU 151300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 349B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 1DEC 1973

IA. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL.

TWO REGIONS HAVE TRANSITED EAST LIMB: NEW REGION299

(N01E85) HAS AN H-TYPE SPOT WITH FOLLOWING PLAGE,

AND REGION 300 (OLD REGION 284?) AT S13E85 IS A SMALL PLAGE WHICH
PRODUCED A SUBFAINT FLARE AT 1134Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH
A SLIGHT INCREASE DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE SINCE
0830Z TODAY IN ACCORDANCE WITH A MINOR RECURRENT
DISTURBANCE. CONDITIONS ARE EXPECTED TO RETURN TO
QUIET TOMMORROW AND REMAIN QUIET FOR THE REST
OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 15 DEC - 17 DEC

CLASS M 07/07/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 DEC 76

PREDICTED 15 DEC - 17 DEC 75/76/77

90-DAY MEAN 14 DEC 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 DEC 04

ESTIMATED AFR/AP 14 DEC 03/04

PREDICTED AFR/AP 15 DEC - 17 DEC 09/10 - 04/05 - 04/05

SOLTERWARN

SPAN

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