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KBOU

HOUS 2 BOU 140200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED
AT 14/0200Z DECEMBER 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 13/1650Z
LOCATIONS VALID AT 14 DECEMBER 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0296 N02W06 307 0040 H 02 01 ALPHA

NOTE: MAGNETIC CONFIGURATION INFERRED AT BOULDER

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 14 DEC 0000Z.

NMBR LOCATION LO

0297 S17E00 241

0298 S20W48 349

II. NONE

III. NONE

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HFUS 1 BOU 140600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 348A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 14 DECEMBER 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO FLARES REPORTED IN
THE LAST 22 HOURS. ONLY ONE REGION, 296 (N02W09), HAS SPOTS AND
IT REMAINS MAGNETICALLY SIMPLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET, BUT IS EXPECTED TO BECOME
UNSETTLED, OCCASIONALLY ACTIVE, 14 TO 15 DECEMBER.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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KBOU B

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HFUS BOU 141300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 348B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 14 DEC 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH NO FLARES REPORTED SINCE
12 DEC. A MINOR ERUPTIVE PROMINENCE OCCURRED AT S12E90 IN OLD REGION
284, REACHING MAXIMUM EXTENT OF

.12 SOLAR RADII AT 0924Z. NO ASSOCIATED RADIO EVENTS WERE
REPORTED.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW, WITH A POSSIBLE SLIGHT
INCREASE IN ACTIVITY LATE IN THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS QUIET. RECURRENT UNSETTLED CONDITIONS
ARE EXPECTED LATER TODAY.

III. EVENT PROBABILITIES 14 DEC - 16 DEC

CLASS M 05/06/07

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 DEC 75

PREDICTED 14 DEC - 16 DEC 77/79/81

90-DAY MEAN 13 DEC 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 DEC 04

ESTIMATED AFR/AP 13 DEC 04/05

PREDICTED AFR/AP 14 DEC - 16 DEC 04/05 - 10/11 - 06/07

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SOLTERWARN

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BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 348

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 DECEMBER 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. AN ERUPTIVE PROMINENCE
(SE13) AND SUBFLARE (SE05) INDICATE THE RETURN OF OLD REGION 284.
A PROMINENCE HAS ALSO BEEN ACTIVE NEAR SE32.

IB. ACTIVITY IS EXPECTED TO INCREASE WITH THE RETURN OF OLD
REGION 284.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO
BE UNSETTLED FOR THE NEXT 24-36 HOURS AND THEN BECOME QUIET.

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

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HFUS BOU 142200

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