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HOUS 2 BOU 100615

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
10/0200Z JAN 1973

I. SUNSPOT DATA FROM RAMEY AT 09/1208Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

517 N08W54 143 0210 H 04 06 ALPHA

519 N13W21 110 0180 E 14 23 BETA

003 S16E27 062 0010 C 03 03 BETA

005 N14E58 031 0010 A 01 01 ALPHA

007 S11W44 133 0010 A 01 02 ALPHA

006 S14E72 017 0010 B 07 03 BETA

MAG-TYPE INFERRED AT BOULDER

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

517 IN 09/0455Z 0500Z 0508Z

III. AREAS OF SPECIAL INTEREST-

REGION 517 SHOULD BE WATCHED FOR POSSIBLE ACTIVITY. SOME SLIGHT
PLAGE GROWTH NW OF THE LEADER MAY INDICATE A NEARBY DEVELOPING
REGION.

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 010A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 10 JAN 1973

I. NO CHANGE

II. THE GEOMAGNETIC FIELD BECAME ACTIVE AT 10/0420Z WITH A 3
HOURLY GEOMAGNETIC K-VALUE OF FIVE RECORDED AT BOULDER. THE
GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED WITH OCCASIONAL
ACTIVE PERIODS FOR THE NEXT 12 HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 010B
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 10 JANUARY 1973
IA. SOLAR ACTIVITY REMAINS QUITE LOW, WITH LITTLE OR NO CHANGE
OBSERVED IN VISIBLE REGIONS.
IB. THE POSSIBILITY OF ENERGETIC ACTIVITY CONTINUES TO DECLINE,
ALTHOUGH THE REGION NEAR THE LEADER OF REGION 517(N08W67) SHOULD
BE WATCHED FOR POSSIBLE DEVELOPMENT.
II. THE GEOMAGNETIC FIELD BECAME ACTIVE AT 10/0420Z AND IS
EXPECTED TO BE UNSETTLED WITH OCCASIONAL ACTIVE PERIODS FOR THE
NEXT 12 HOURS.
III. EVENT PROBABILITIES 10 - 12 JAN
CLASS M 40/35/30
CLASS X 01/01/01
PROTON 02/02/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 09 JAN 107
PREDICTED 10 - 12 JAN 106/105/105
90-DAY MEAN 09 JAN 111
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 08 JAN 11
ESTIMATED 09 JAN 11
PREDICTED 10 - 12 JAN 17/08/06
SPAN
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HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 010

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 JAN 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE LAST 24 HOURS
WITH ONLY 5 SUBFLARES REPORTED, 4 FROM REGION 517 /N08W73/ AND
1 FROM REGION 519 /N13W39/. THIS ACTIVITY IS PROBABLY THE RESULT
OF SPOT DEVELOPMENT JUST NORTH OF THE LARGE LEADER SPOT, ALTHOUGH
THE REGION RETAINS A SIMPLE ALPHA MAGNETIC CONFIGURATION. REGION
519 CONTINUES TO LOSE SPOTS AND IS NO LONGER CONSIDERED A LIKELY
SOURCE OF ENERGETIC ACTIVITY.

IB. SOLAR ACTIVITY SHOULD CONTINUE LOW TO VERY LOW WITH A SMALL
CHANCE OF A CLASS M EVENT FROM REGION 517. OLD REGION 508 /N11/
IS DUE TO RETURN ON THE 12TH BUT THE REGION APPEARED TO BE DECLINING
RAPIDLY AS IT WENT OVER THE LIMB ON ITS PREVIOUS TRANSIT.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE LAST 24 HOURS
AND IS EXPECTED TO BE UNSETTLED TO ACTIVE THROUGH THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 11 JAN - 13 JAN.

CLASS M 30/30/25

CLASS X 01/01/01

PROTON 02/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 10 JAN 107

PREDICTED 11 JAN - 13 JAN 107/106/107

90-DAY MEAN 10 JAN 111

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 09 JAN 13

ESTIMATED 10 JAN 19

PREDICTED 11 JAN - 13 JAN 15/15/10

SOLTERWARN

SPAN

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