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KBOU

HOUS 2 BOU 120200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
12/0200Z MAY 1973

I. SUNSPOT DATA FROM BOULDER AT 11/1645Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0092 S17W72 345 0040 H 02 04 ALPHA

0100 S14W63 336 0020 H 04 02 ALPHA

MAGNETIC CLASSIFICATIONS FROM BOULDER.

II. NONE

III. AREAS OF SPECIAL INTEREST-

SOUTHEAST LIMB FOR RETURNING REGION 083.

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HFUS 1 BOU 120600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 132A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 12 MAY 1973
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. NO
NEW REGIONS ARE EVIDENT ON THE VISIBLE DISK.
IB. NO CHANGE.
II. NO CHANGE.
III. NO CHANGE.
IV. NO CHANGE.
V. NO CHANGE.
SOLTERWARN
SPAN
BT

NFUS 1 BOU 121300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 132B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 12 MAY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. ONLY ONE C-CLASS SUBFLARE
WAS REPORTED DURING THE PAST 12 HOURS.

IB. THE REGION 092/100 COMPLEX /S15W74/ CONTINUES TO DECLINE AS IT
APPROACHES WEST LIMB. SEVERAL SMALL PLAGE AREAS WITHOUT SPOTS
APPEAR STABLE. SMALL SURGES AT SE14 MAY HERALD THE RETURN OF OLD
REGION 083.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET WITH SOME SHORT
ACTIVE PERIODS. THE FIELD IS STILL EXPECTED TO BECOME ACTIVE WITH
THE RETURN OF RECURRENT STRUCTURE.

III. EVENT PROBABILITIES 12 MAY - 14 MAY

CLASS M 30/30/20

CLASS X 05/05/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MAY 85

PREDICTED 12 MAY - 14 MAY 83/83/85

90-DAY MEAN 11 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 MAY 9

ESTIMATED 11 MAY 8

PREDICTED 12 MAY - 14 MAY 13/15/16

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SOLIERWARN

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HFUS BOU 122200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 132

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 12 MAY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW, WITH ONLY TWO SUBFLARES REPORTED THE PAST 24 HOURS. REGIONS 092 AND 100 (S17W83/S14W74) CONTINUE TO EXHIBIT DECLINE IN BOTH WHITE LIGHT AND K-ALPHA. REGION 102 (N05W01), CLASSIFIED MAGNETICALLY AS A BETA, HAS A SMALL AMOUNT OF STABLE PLAGE. SURGES HAVE BEEN REPORTED ON THE WEST LIMB NEAR N08. THE REMAINDER OF THE DISK AND THE EAST LIMB HAVE BEEN QUIET.

IB. ENERGETIC EVENTS ARE NOT ANTICIPATED AS CONTINUED DECAY IS PREVALENT ON THE DISK. WATCH FOR THE RETURN OF OLD REGION 082 AT N10 IN APPROXIMATELY 39 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED, WITH ACTIVITY EXPECTED TO INCREASE IN THE NEXT 24 HOURS, DUE TO THE RETURN OF RECURRENT INTERPLANETARY STRUCTURE. ATS-1 REPORTS A MINOR LOW ENERGY (5-21 MEV) PROTON ENHANCEMENT AGAIN TODAY.

III. EVENT PROBABILITIES 13 MAY -15 MAY

CLASS M 30/20/30

CLASS X 01/01/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAY 85

PREDICTED 13-15 MAY 83/85/88

90-DAY MEAN 12 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 MAY 08

ESTIMATED 12 MAY 11

PREDICTED 13-15 MAY 14/15/17

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