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KBOU

HOUS 2 BOU 160200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
160200Z MAY 1973

I. SUNSPOT DATA FROM BOULDER AT 151400Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

Ø103 N12E78 149 Ø14Ø D Ø9 Ø6 BETA GAMMA

Ø104 SØ9E29 198 ØØØØ C Ø4 15 BETA GAMMA

MAGNETIC CLASS FROM BOULDERS SPECTROSCOPE.

II. NONE

III. NONE

SOLTERWARN

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HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 136A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 16 MAY 1973

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL, WITH NO FLARES

REPORTED SINCE 15/2200Z.

IB. NO CHANGE.

II. NO CHANGE.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

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HFUS 1 BOU 161300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 136B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 16 MAY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 103 (N09E63) HAS PRODUCED ONE FLARE IN THE PAST 24 HOURS, (A ONE NORMAL WITH ASSOCIATED RF BURST AT 0456Z). THE REGION CONTAINS AN ACTIVE DARK FILAMENT AND HAS SHOWN GROWTH AND PLAGE FLUCTUATIONS IN ITS S.E. PORTION. THE S.E. PORTION MAY BE A SEPARATE REGION. REGION 104 (S11E16) HAS SHOWN SLOW GROWTH AND PLAGE FLUCTUATIONS TO NEAR FLARE BRIGHTNESS. THE REGION CONTAINS ARCH FILAMENTS AND IN GENERAL APPEARS TO BE DEVELOPING.

IB. ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT 24 HOURS WITH A CHANCE OF BECOMING MODERATE AS REGION 104 DEVELOPES.

II. THE GEOMAGNETIC FIELD IS ACTIVE AND IS EXPECTED TO BE ACTIVE TO UNSETLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 16 MAY - 18 MAY

CLASS M 20/30/35

CLASS X 01/02/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAY 88

PREDICTED 16 MAY - 18 MAY 90/92/96

90-DAY MEAN 15 MAY 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MAY 52

ESTIMATED 15 MAY 21

PREDICTED 16 MAY - 18 MAY 25/20/20

SOLTERWARN

SPAN

BT

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KBOU

HFUS 1 BOU 161300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 136B

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CLASS X 01/02/03

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ESTIMATED 15 MAY 21

PREDICTED 16 MAY - 18 MAY 25/20/20

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 136

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 16 MAY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. THREE OBSERVATORIES REPORTED A 1N FLARE IN REGION 103 (N08E62) AT 160455Z. AN IMP 3 SWF AND SMALL RADIO BURST WERE ALSO REPORTED AT THAT TIME. ONLY OTHER ACTIVITY HAS BEEN AN ADF IN THIS SAME REGION. REGION 104 (S09E11) HAS APPARENTLY STOPPED ITS EARLIER GROWTH AND AT LEAST ONE REPORT INDICATES SOME DECAY IN THIS REGION. REGION 103 HAS DEVELOPED MORE TRAILER SPOTS SINCE YESTERDAY. A POSSIBLE ISOLATED POLE EXISTS IN THE SOUTHEAST PORTION OF THIS REGION.

IB. ACTIVITY IS EXPECTED TO BE LOW THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS PRESENTLY UNSETTLED AND IS EXPECTED TO BE UNSETTLED TO ACTIVE THE NEXT 3-4 DAYS.

III. EVENT PROBABILITIES 17 MAY - 19 MAY.

CLASS M 30/30/30

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 16 MAY 88

PREDICTED 17 MAY - 19 MAY 90/92/96

90-DAY MEAN 16 MAY 101

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 15 MAY 27

ESTIMATED 16 MAY 25

PREDICTED 17 MAY - 19 MAY 23/20/20

SOLTERWARN

SAPN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
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