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HOUS 2 BOU 100200

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

I. SUNSPOT DATA FROM CANARY IS AT 09/0900Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

051 S18E16 017 0130 H 02 04 ALPHA

053 S16E15 018 0010 A 02 02 BETA

054 N13E08 025 0050 C 08 07 BETA

055 S07E52 341 0210 D 08 12 BETA-GAMMA

056 S10E68 325 0100 H 02 01 ALPHA

MAGNETIC CLASSIFICATIONS FROM MT WILSON

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

055 SN 09/0432Z 0434Z 0500Z S

III. AREAS OF SPECIAL INTEREST-

RGN 055 SHOWS DELTA MAGNETIC CONFIGURATION IN FOLLOWER SPOTS.

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HFUS 1 BOU 100600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 069A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACITIVITY

ISSUED 0600Z 10 MARCH 1973

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 069B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 10 MARCH 1973

IA. SOLAR ACTIVITY HAS BEEN LOW WITH NO FLARES REPORTED TODAY.  
ALTHOUGH NOW DORMANT, REGION 055(S08E44) STILL SHOWS A MAGNETIC  
DELTA CONFIGURATION INDICATING STRONG GRADIENTS EXIST IN THIS  
REGION.

IB. A MODERATE CLASS M EVENT IS EXPECTED FROM REGION 055 DURING  
THE NEXT 48 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. GENERALLY QUIET CONDITIONS  
ARE EXPECTED TO CONTINUE.

III. EVENT PROBABILITIES 10 - 12 MAR

CLASS M 50/50/50

CLASS X 02/02/02

PROTON 01/01/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAR 103

PREDICTED 10 - 12 MAR 110/109/108

90-DAY MEAN 09 MAR 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAR 06

ESTIMATED 09 MAR 10

PREDICTED 10 - 12 MAR 06/05/05

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HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 069

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

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HRS WITH ONLY THREE NON-ENERGETIC SUBFLARES FROM RGN 055 /S08E33/ AND ONE SUBFLARE FROM NEW RGN 057 /S14E47/ WHICH HAS EMERGED JUST SW OF RGN 056 /S12E50/. MT. WILSON MAGNETIC DATA NO LONGER SHOWS ANY DELTA CONFIGURATION IN RGN 055 WHICH SEEMS TO BE STABILIZED AS A SIMPLE BIPOLE. RGN 054 /N13W11/ SHOWS NEW SPOT GROWTH AND BRIGHTENING PLAGE.

IB. ACTIVITY WILL CONTINUE TO BE LOW WITH THE POSSIBILITY OF ENERGETIC ACTIVITY DECREASED DUE TO THE SIMPLIFICATION OF RGN 055. INCREASED SUBFLARE ACTIVITY IS LIKELY IN RGNS 056/057 DUE TO THEIR PROXIMITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN GENERALLY QUIET THROUGH 12 MARCH WHERE A RECURRENT QUIET PERIOD HAS EXISTED FOR THE PAST FOUR SOLAR ROTATIONS. HOWEVER, SLIGHT INCREASES IN PIONEER 9 SOLAR WIND DATA INDICATE THE POSSIBILITY OF UNSETTLED CONDITIONS FOR 11-12 MARCH. UNSETTLED CONDITIONS ARE ANTICIPATED TO RESUME 13 MARCH.

III. EVENT PROBABILITIES 11 MARCH - 13 MARCH

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAR 111

PREDICTED 11-13 MAR 110/108/106

90-DAY MEAN 10 MAR 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 MAR 09

ESTIMATED 10 MAR 05

PREDICTED 11-13 MAR 05/06/10

SOLTERWARN

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