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HOUS 2 BOU 210200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
21/0200Z MARCH 1973

I. SUNSPOT DATA FROM CANARY IS AT 20/0830Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

059 N17E21 228 0160 C 05 12 BETA

MAGNETIC CLASSIFICATION MEASURED AT BOULDER.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

059 0B 20/1111Z 1115Z 1127Z S

III. AREAS OF SPECIAL INTEREST-

REGION 059

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HFUS 1 BOU 210600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 080A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 21 MARCH 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY NON-ENERGETIC SUB-
FLARE AND SURGE ACTIVITY FROM REGION 059 (N17E10). THIS REGION
CONTINUES TO DEVELOP SLOWLY IN H-ALPHA AND WHITE LIGHT.

IB. NO CHANGE

II. THE MINOR MAGNETIC STORM CONTINUES.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 080B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 21 MARCH 1973

IA. FREQUENCY OF CLASS C SUBFLARES FROM THE SINGLE SOLAR ACTIVE
REGION 059(N17E06) HAS DECLINED SINCE YESTERDAY. THE RATE OF
DEVELOPMENT IN THE REGION HAS LESSENED ALSO. A LOW LEVEL OF LIMB
ACTIVITY HAS CONTINUED AT SW10 WHERE REGION 055 IS ROTATING FROM
VIEW.

IB. SLIGHT ADDITIONAL GROWTH AND INFREQUENT CLASS C SUBFLARES ARE
EXPECTED TO CONTINUE FROM REGION 059.

II. A GEOMAGNETIC DISTURBANCE HAS CONTINUED. MID LATITUDE NIGHTTIME
GEOMAGNETIC K INDICES HAVE BEEN 5 AND 6. THE DISTURBANCE IS
EXPECTED TO CONTINUE AT LEAST THROUGH TOMORROW.

III. EVENT PROBABILITIES 21 - 23 MAR

CLASS M 25/25/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 MAR 92

PREDICTED 21 - 23 MAR 92/92/94

90-DAY MEAN 20 MAR 94

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 MAR 37

ESTIMATED 20 MAR 38

PREDICTED 21 - 23 MAR 38/35/30

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ZCZC 2249

RR MJFF

DE KAWN 212235Z

ZUI MJFF 212230

HFUS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 080

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 MARCH 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 059 (N17E06) HAS GROWN ONLY SLIGHTLY AND HAS PRODUCED ONLY ONE SUBFLARE IN THE PAST 24 HOURS. A NEW REGION ACCOMPANIED BY SURGES IS CROSSING THE EAST LIMB NEAR N08 BUT IS NOT YET SUFFICIENTLY VISIBLE FOR ANALYSIS. A NEW EMERGING BIPOLE HAS APPEARED AT S15E13.

IB. ACTIVITY WILL CONTINUE LOW TO VERY LOW.

II. A MINOR GEOMAGNETIC STORM CONTINUES. MINOR STORM CONDITIONS WILL PERSIST THROUGHOUT THE FORECAST PERIOD, WITH STRONG DISTURBANCES CONTINUING AT HIGH LATITUDES DURING THE NIGHTTIME HOURS.

III. EVENT PROBABILITIES 2224 MAR

CLASS M 20/10/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 MAR 088

PREDICTED 2224 MAR 90/92/94

90DAY MEAN 21 MAR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 MAR 43

ESTIMATED 21 MAR 36

PREDICTED 2224 MAR 35/30/25

SOLTERWARN

SPAN

BT