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HOUS 2 BOU 270200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
27/0200Z FEB 1973

NMBR LOCATION LO AREA Z LL NN MAG-TYPE
044 N07E34 141 0400 E 13 21 BETA-GAMMA
048 N07W17 192 0040 B 04 05 BETA
MAG CLASSES INFERRED AT BOULDER.

II. NONE

III. AREAS OF SPECIAL INTEREST-

REGION 044 (N07E34)

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HFUS 1 BOU 270601
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 058A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 27 FEBRUARY 1973
IA. NO CHANGE
IB. NO CHANGE
II. THE MINOR GEOMAGNETIC DISTURBANCE CONTINUES.
III. NO CHANGE
IV. NO CHANGE
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 25 FEBRUARY 20
ESTIMATED 26 FEBRUARY 28
PREDICTED 27 FEBRUARY-01 MARCH 25/18/10
SOLTERWARN
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HFUS 1 BOU 271300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 058B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 27 FEBRUARY 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY 4 SUBFLARES REPORTED
DURING THE LAST 24 HOURS, ALL FROM REGION 044 (N07E23). INTERMEDIATE
SPOTS IN THIS REGION HAVE SHOWN SOME DECLINE WITH A POSSIBLE DECREASE
IN MAGNETIC COMPLEXITY. HOWEVER, THIS REMAINS A LARGE REGION WITH A
BETA-GAMMA MAGNETIC CLASSIFICATION AND SHOULD BE REGARDED AS A LIKELY
SOURCE OF ENERGETIC EVENTS.

IB. THE PROBABILITY OF ENERGETIC EVENTS FROM REGION 044 REMAINS HIGH
DESPITE RECENT INACTIVITY. AS THE REGION APPROACHES CENTRAL MERIDIAN,
THERE IS A SMALL BUT INCREASING CHANCE OF A PROTON EVENT. OLD REGIONS
031 (N13) AND 039 (N16) ARE DUE TO RETURN 01 MARCH. REGION 039
APPEARED TO BE GROWING RAPIDLY AND PRODUCED SEVERAL SUBFLARES JUST
PRIOR TO ITS LAST PASSAGE OVER THE EAST LIMB. *FCTR'S ERROR NOT TYPIST*

II. THE GEOMAGNETIC FIELD CONTINUES DISTURBED WITH ACTIVE DAYTIME
CONDITIONS AND MINOR GEOMAGNETIC STORM CONDITIONS DURING LOCAL NIGHT
HOURS. THIS ACTIVITY IS EXPECTED TO GRADUALLY SUBSIDE THROUGH THE
FORECAST PERIOD WITH ONLY UNSETLED CONDITIONS FORECAST BY 01 MARCH.

III. EVENT PROBABILITIES 27 FEB - 01 MARCH

CLASS M 80/80/80

CLASS X 10/10/10

PROTON 01/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 FEB 098

PREDICTED 27 FEB - 01 MAR 102/105/108

90-DAY MEAN 26 FEB 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 FEB 20

ESTIMATED 26 FEB 28

PREDICTED 27 FEB - 01 MAR 25/18/10

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Check orig.
FCST!

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HFUS BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 058

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 27 FEB 1973

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 044 /N07E16/ HAS PRODUCED ESSENTIALLY ALL THE SUBFLARE ACTIVITY, AND THE LARGEST OF THESE ONLY REACHED X-RAY CLASS C-3. REGION 044 IS LITTLE CHANGED SINCE YESTERDAY, AND IS STILL THE ONLY SIGNIFICANT REGION ON THE DISK. REGION 048 /N07W36/ IS LITTLE CHANGED. A FEW SMALL SPOTS HAVE RE-EMERGED IN 043 /S18W21/ AND 045 /S15W14/.

IB. REGION 044 REMAINS CAPABLE OF ENERGETIC ACTIVITY, HOWEVER ITS HISTORY SINCE LIMB PASSAGE SUGGESTS THIS ACTIVITY WILL OCCUR ONLY WHEN AND IF RAPID BREAKUP OCCURS.

X-CLASS AND PROTON EVENTS REMAIN POSSIBLE.

II. THE MINOR MAGSTORM HAS CONTINUED. UNLESS ACTIVITY TAPERS OFF RAPIDLY, THE PRESENT DISTURBANCE WILL MERGE WITH AN EXPECTED RECURRING ACTIVE PERIOD DURING THE SECOND HALF OF THE THREE-DAY FORECAST PERIOD.

III. EVENT PROBABILITIES 28 FEB - 02 MAR

CLASS M 70/70/70

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 FEB 100

PREDICTED 28 FEB - 02 MAR 103/107/112

90-DAY MEAN 27 FEB 101.8

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 FEB 28

ESTIMATED 27 FEB 28

PREDICTED 28 FEB - 02 MAR 23/20/20

SOLTERWARN

SPAN

BT

102