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HOUS 2 BOU 170200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
17/0200Z MAR 1973

I. SUNSPOT DATA FROM CANARY IS. AT 16/0830Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

051 S14W73 013 0000 A 00 01 ALPHA

055 S07W36 338 0260 D 08 26 BETA

056 S10W22 324 0060 H 02 02 BETA

057 S14W33 335 0090 C 06 07 BETA

058 N07W08 310 0015 B 04 08 BETA

059 N17E80 --- ---- - -- -- ALPHA

MAGNETIC CLASSIFICATIONS FROM MT. WILSON

REGION 059 WAS NOT VISIBLE AT 0830Z.

II. NONE

III. AREAS OF SPECIAL INTEREST-

SPOT GROWTH CONTINUES IN REGION 055 -- MAGNETIC GRADIENTS APPEAR
TO BE INCREASING IN THE CENTRAL PART OF THE GROUP.

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HFUS 1 BOU 170600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 076A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 17 MARCH 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.

IB. NO CHANGE

II. THE SUDDEN COMMENCEMENT OF 16/0627Z HAS NOT PRODUCED ANY
GEOMAGNETIC STORM. THE FIELD IS NOW QUIET.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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S.C.'s don't "produce" storms - geomagnetic
storms may or may not follow SCs

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HFUS 1 BOU
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 076B
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 17 MARCH 1973
IA. SOLAR ACTIVITY REMAINS AT A LOW LEVEL WITH NO FLARES REPORTED
SINCE THE 2200Z MSG. BOTH REGIONS 055(S07W49) AND 057(S14W46)
ARE EXHIBITING POINT BRIGHTENINGS. REGION 059(N17E65) CONTINUES
SLOW GROWTH.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH A SLIGHT CHANCE
FOR A CLASS M EVENT.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. IT IS EXPECTED TO
REMAIN QUIET TO UNSETTLED.
III. EVENT PROBABILITIES 17 - 19 MAR
CLASS M 50/45/45
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 16 MAR 108
PREDICTED 17- 19 MAR 105/103/102
90-DAY MEAN 16 MAR 103
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 15 MAR 02
ESTIMATED 16 MAR 12
PREDICTED 17 - 19 MAR 06/12/15
SPAN
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50% is more
Than a "slight" chance

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HFUS BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 076

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 MARCH 1973

IA. SOLAR ACTIVITY REMAINS LOW WITH NO FLARES REPORTED DURING
THE PAST 24 HOURS. SPOT DECAY IS OCCURRING IN REGION 055

(S07W54). OTHER REGIONS ARE STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW DURING THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET TO MILDLY UNSETTLED
CONDITIONS ARE EXPECTED UNTIL A MODERATE RECURRENT TYPE DISTURBANCE
BEGINS IN ABOUT 36-48 HOURS.

III. EVENT PROBABILITIES 18-20 MAR

CLASS M 35/30/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 MAR 103

PREDICTED 18-20 MAR 100/98/96

90-DAY MEAN 17 MAR 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 MAR 11

ESTIMATED 17 MAR 06

PREDICTED 18-20 MAR 10/12/18

SOLTERWARN

SPAN

BT