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HFUS 1 BOU 030600

SDF NUMBER 062

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 03 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 062B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 03 MAR 1973

IA. SOLAR ACTIVITY HAS BEEN LOW WITH ONLY TWO SUBFLARES REPORTED
TODAY. SLOW DECAY IS OCCURRING IN REGION 044(N07W29), HOWEVER,
THE PLAGE NEAR THE MAIN LEADER SPOT REMAINS SLIGHTLY UNSTABLE.

IB. SMALL CLASS M FLARES ARE EXPECTED IN REGION 044.

II. GEOMAGNETIC ACTIVITY HAS DECREASED DURING THE PAST FEW HOURS
AND GENERALLY QUIET CONDITIONS ARE EXPECTED DURING THE FIRST PART
OF THE FORECAST PERIOD. A SMALL RECURRENT DISTURBANCE SHOULD BEGIN IN
ABOUT 36 - 48 HOURS.

III. EVENT PROBABILITIES 03 - 05 MAR

CLASS M 60/50/50

CLASS X 05/05/05

PROTON 05/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 MAR 104

PREDICTED 03 - 05 MAR 102/101/100

90-DAY MEAN 02 MAR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 MAR 15

ESTIMATED 02 MAR 24

PREDICTED 03 - 05 MAR 13/08/15

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HOUS 2 BOU 030220

CORRECTION-

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
03/0200Z MAR 1973

I. SUNSPOT DATA FROM RAMEY AT 02/1240Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

044 N04W16 141 0320 C 13 17 BETA-GAMMA

045 S16W51 176 0030 C 06 05 BETA

050 N16E62 063 0005 A 00 01 ALPHA

MAG-TYPE FROM MT WILSON

II. NONE

III. NONE

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HFUS BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 062

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 MAR 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY TWO C-CLASS SUBFLARES HAVE BEEN OBSERVED DURING THE PAST 24 HOURS, BOTH FROM REGION 044 (N04W35). REGION 044 CONTINUES TO SIMPLIFY AND DECLINE. THE OTHER TWO REGIONS ON THE DISK ARE SIMPLE AND QUIET.

IB. SOLAR ACTIVITY SHOULD CONTINUE LOW. REGION 044 IS NOT THOUGHT CAPABLE OF PRODUCING MORE THAN MODERATE SIZED M-CLASS X-RAY FLARES AT THIS STAGE OF ITS EVOLUTION. OLD REGION 029 IS DUE BACK ON THE NORTHEAST LIMB.

II. THE GEOMAGNETIC FIELD BECAME QUIET ABOUT 03/1330Z. IT IS EXPECTED TO BE SOMEWHAT UNSETTLED DURING LOCAL NIGHTTIME HOURS. THE FIELD SHOULD BECOME GENERALLY UNSETTLED AGAIN NEAR THE END OF THE 72 HOUR FORECAST PERIOD.

III. EVENT PROBABILITIES 04 MAR - 06 MAR

CLASS M 50/50/40

CLASS X 05/05/03

PROTON 05/05/03

PCAF YELLOW

IB. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAR 100

PREDICTED 04-06 MAR 100/100/101

90-DAY MEAN 03 MAR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 MAR 27

ESTIMATED 03 MAR 15

PREDICTED 04-06 MAR 10/08/15

SOLTERWARN

SPAN

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