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HFUS 1 BOU 170601

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 352A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 17 DECEMBER 1972

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 171255

FROM SPACE ENVIRONMENT SERVICES CENTER BBULDER COLO

SDF NUMBER 352B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 17 DECEMBER 1972

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IA. A SN FLARE AT 16/2056Z IN REGION 500 (S20W28) WAS APPARENTLY
CLASS M-1. ACTIVITY HAS BEEN VERY LOW SINCE THIS EVENT. THE DISK
FEATURES HAVE SHOWN LITTLE CHANGE. ENHANCED X-RAY EMISSION ON THE
EAST LIMB NEAR CENTRAL MERIDIAN MAY INDICATE THE RETURN OF OLD REGION
493 OR THE APPROACH OF A NEW REGION.

IB. CLASS M ACTIVITY IS POSSIBLE FROM REGION 496 (N11W96) FOR THE
NEXT 12 HOURS AND FROM REGIONS 500 AND 503 (S07E02) FOR THE NEXT
72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO REMAIN
SO FOR THE NEXT 36 HOURS.

III. EVENT PROBABILITIES 17-19 DEC

CLASS M 60/50/50

CLASS X 05/03/03

PROTON 03/02/02

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 DEC 114

PREDICTED 17-19 DEC 112/110/108

90-DAY MEAN 16 DEC 111

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 DEC 13

ESTIMATED 16 DEC 22

PREDICTED 17-19 DEC 20/14/10

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HFUS BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 352

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 DEC 1972

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. ONLY SIX SUBFLARES
HAVE BEEN REPORTED IN THE PAST 24 HOURS, ALTHOUGH WORLD WIDE
OBSERVING CONDITIONS HAVE BEEN GENERALLY POOR. REGIONS 500 /S18W33/
AND 503 /S05E11/ HAVE DEVELOPED INTO BETA-GAMMA AND
BETA MAGNETIC CONFIGURATIONS, RESPECTIVELY. OTHER REGIONS ARE
STABLE.

IB. REGION 500 REMAINS CAPABLE OF CLASS M ACTIVITY, AND REGION
503 IS EXPECTED TO DEVELOP SUCH POTENTIAL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED
TO REMAIN SO FOR THE NEXT 48 HOURS, WITH QUIET CONDITIONS
THEREAFTER.

III. EVENT/PROBABILITIES 18-20 DEC

CLASS M 50/40/50

CLASS X 05/03/03

PROTON 03/02/02

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 DEC 116

PREDICTED 18-20 DEC 115/113/113

90-DAY MEAN 17 DEC 111.5

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 DEC 024

ESTIMATED 17 DEC 009

PREDICTED 18-20 DEC 010/008/006

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