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HFUS 1 BOU 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 263A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 19 SEPTEMBER 1972

IA. NO SIGNIFICANT ACTIVITY

IB. NO CHANGE

II. NO CHANGE

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 191300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 263B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 19 SEPT 1972

IA. NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED DURING
THE PAST 24 HOURS.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW MINOR LIMB
ACTIVITY NEAR SE06 MAY HERALD THE RETURN OF
OLD REGION 393

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE
PAST 24 HOURS, BUT IS EXPECTED TO BECOME
UNSETTLED DUE TO SECTOR BOUNDARY PASSAGE

III. EVENT PROBABILITIES 19 - 21 SEPT

CLASS M 30/30/30

CLASS X 02/02/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 SEPT 102

PREDICTED 19-21 SEPT 104/106/108

90-DAY MEAN 18 SEPT 122

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 SEPT 18

ESTIMATED 18 SEPT 15

PREDICTED 19-21 SEPT 15/15/20

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ZCZC 2217

HXAK PANC 192215

DATAA 25601 2091.NNNN

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HFUS BOU 192220

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 263

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z SEPT 19 1972

IA. THE ONLY SIGNIFICANT ACTIVITY FROM EXISTING REGIONS HAS BEEN AN
X-RAY CLASS C-4 SUB-FLARE FROM REGION 412 /S14E40/ AT 19/0215. NEW
REGION 414 /S05E82/ IS THE RETURN OF OLD REGION 393, AND LOOP PROM-
INENCES WERE REPORTED HERE AROUND 1900Z. CONTINUOUS BSL ACTIVITY AT
SE02 INDICATES THE RETURN OF REGION 395 OR THE TRAILER OF 393.

IB. REGION 412 MAY CONTINUE TO PRODUCE C-CLASS SUBFLARES. ALL OTHER
REGIONS /EXCEPT POSSIBLY THOSE AT THE EAST LIMB, ABOVE/ SHOULD REMAIN
QUIET. REGION 395 IS DUE TO RETURN AT THE EAST LIMB MOMENTARILY.
REGION 375 IS DUE TO RETURN LATE ON SEPT. 22.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET, AND SHOULD REMAIN SO WITH
POSSIBLE UNSETTLEMENT ON SEPT 21 DUE TO A SECTOR BOUNDARY PASSAGE AND
A LARGE FILAMENT WHICH DISAPPEARED FROM W15 ON SEPT. 16.

III. EVENT PROBABILITIES 20 SEPT-22 SEPT

CLASS M 25/25/25

CLASS X 01/02/03

PROTON 01/01/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 SEPT 105

PREDICTED 20-22 SEPT 106/109/112

90-DAY MEAN 19 SEPT 121.9

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 SEPT 011

ESTIMATED 19 SEPT 008

PREDICTED 20 SEPT-22 SEPT 008/015/008

SOLTERWARN

SPAN

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