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HFUS 1 BOUL 020600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 276A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 02 OCTOBER 1972

IA. ALL REGION HAVE BEEN QUIET DURING

PAST EIGHT HOURS.

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 021300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 276B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 02 OCTOBER 1972

IA. REGION 424 (N12 E01) DEVELOPED RAPIDLY DURING
29 SEPTEMBER-01 OCTOBER TO A TYPE D SPOT GROUP
OF REVERSED MAGNETIC POLARITY. IT PRODUCED ENERGETIC
EVENTS AT 01/0435Z AND 01/1645Z, TENTATIVELY CLASSIFIED
AS SB/M9 AND IN/M7. BOTH EVENTS PRODUCED
SIGNIFICANT SHORT WAVE FADEOUTS. GROWTH HAS NOW
SLOWED IN 424 AND THE REGION IS ELONGATING IN
LONGITUDINAL EXTENT. ACTIVITY HAS BEEN LOW
THE PAST 20 HOURS.

IB. CLASS M ACTIVITY IS POSSIBLE FROM REGION 424,
NO REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE 29/2100Z.
IT IS EXPECTED TO REMAIN QUIET TO UNSETTLED.

III. EVENT PROBABILITIES 02-04 OCT

CLASS M 50/50/50

CLASS X 02/02/02

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 OCT 117

PREDICTED 02-04 OCT 116/115/114

90-DAY MEAN 01 OCT 121

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 SEPT 05

ESTIMATED 01 OCT 05

PREDICTED 02-04 OCT 06/09/08

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HFUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 276

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 02 OCT 1972

IA. SOLAR ACTIVITY HAS BECOME VERY LOW DURING THE LAST 24 HOURS. REGION 424 /N11W02/ IS THE ONLY REGION OF INTEREST, PRODUCING ONLY 3 SMALL SUBFLARES DURING THE LAST 24 HOURS. AN EAST-WEST NEUTRAL LINE WITH SHARP BENDS RUNS THROUGH THE REGION WITH A POSSIBLE BETA-GAMMA MAGNETIC CONFIGURATION. SEVERAL MODERATE SURGES WERE OBSERVED ON THE SW LIMB AS REGION 416 /S03/ ROTATED OVER THE LIMB. THE EAST LIMB HAS REMAINED QUIET.

IB. REGION 424 REMAINS RELATIVELY COMPLEX AND SHOULD PRODUCE ONE OR TWO CLASS M EVENTS DURING THE NEXT 72 HOURS. NO REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE LAST 24 HOURS. BUT IS EXPECTED TO BECOME SLIGHTLY UNSETTLED DURING THE FIRST PORTION OF THE FORECAST PERIOD DUE TO AN EXPECTED SECTOR BOUNDARY PASSAGE.

III. EVENT PROBABILITIES 03 OCT-05 OCT

CLASS M 50/50/50

CLASS X 02/02/02

PROTON 01/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 OCT 109

PREDICTED 03 OCT-05 OCT 106/104/102

90-DAY MEAN 02 OCT 121

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 OCT 06

ESTIMATED 02 OCT 04

PREDICTED 03 OCT-05 OCT 09/08/07

SOLTERWARN

SPAN

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