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HFUS 1 BOU 250600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 25 SEPTEMBER 1972

IA. NO CHANGE

IB. NO CHANGE

II. MINOR GEOMAGNETIC DISTURBANCE CONTINUES.

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 251300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 25 SEPT 1972

IA. ONLY THREE SUBFLARES AHVE BEEN OBSERVED
SINCE 24/2200Z. REGION 416 (S05 E14) REMAINS
THE MOST IMPRESSIVE ON THE DISC, BUT HAS
SHOWN PENOMBRAL DECAY. THE DELTA IS GONE.
NEW REGIONS HAVE APPEARED AT N15 W32 AND
S08 E78.

IIB. SUBFLARE ACTIVITY WILL CONTINUE. PROB-
ABILITIES FOR HIGHER-ENERGY EVENT ARE LOWER.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED
0000-1200Z, BUT HAS NOW QUIETED. ACTIVITY
MAY INCREASE ON SEPT 26 DUE TO SECTOR
BOUNDARY PASSAGE

III. EVENT PROBABILITIES 25-27 SEPT

CLASS M 40/40/40

CLASS X 03/03/03

PROTON 01/02/03

PCFC GREEN

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 25 SEPT 1972

IA. SOLAR ACTIVITY REMAINS LOW. NON-ENERGETIC SUBFLARES HAVE BEEN OBSERVED IN REGIONS 412 /S13W39/, 414 /S04W02/, 416 /S04E05/, AND 420 /S08E71/. REGION 416 RETAINS ITS KINKED EAST-WEST NEUTRAL LINE AND APPEARS TO HAVE AN ISOLATED MAGNETIC POLE IN ITS INTERMEDIATE SECTION. ITS CLASS/AREA IS E/390 MILLIONTHS. AN H-TYPE SPOT AND SMALL PLAGE EXTENDING TO THE LIMB ARE VISIBLE IN REGION 420, THE PROBABLE RETURN OF OLD 392. A NEW REGION, NUMBER 419, IS DEVELOPING SLOWLY NEAR N14W42. SO FAR IT IS SMALL, COMPACT AND MAGNETICALLY SIMPLE. OTHER REGIONS HAVE SHOWN LITTLE CHANGE AND REMAIN RELATIVELY UNIMPRESSIVE.

IB. CLASS M ACTIVITY IS POSSIBLE FROM THE 414/416 COMPLEX. THE ONSET OF RAPID DECAY OR THE EMERGENCE OF NEW FIELDS COULD TRIGGER SUCH ACTIVITY. NO REGIONS ARE DUE TO RETURN TO EAST LIMB.

II. THE GEOMAGNETIC FIELD WAS MILDLY UNSETTLED THROUGH 25/0900Z BUT HAS BEEN QUIET SINCE. QUIET GEOMAGNETIC CONDITIONS ARE EXPECTED FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 26-28 SEPT

CLASS M 50/50/50

CLASS X 03/03/03

PROTON 02/02/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 SEPT 128

PREDICTED 26-28 SEPT 129/128/126

90-DAY MEAN 25 SEPT 121.8

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 SEPT 13

ESTIMATED 25 SEPT 07

PREDICTED 26-28 SEPT 07/07/08

SOLTERWARN

SPAN

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