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HFUS 1 BOU 040600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 278A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 04 OCTOBER 1972

IA. NO SIGNIFICANT ACTIVITY

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

BT

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HFUS 1 BOU 041300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 278B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 04 OCTOBER 1972

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS
WITH SEVEN SUBFLARES REPORTED FROM FIVE DIFFERENT
REGIONS. REGION 424 (N12 W25) CONTINUES SLOW DECAY.
REGION 422 (S07 W49) HAS ARCH FILAMENT STRUCTURE INDICATING
POSSIBLE REGENERATION. REGIONS 431 (S21 E43) AND 432 (S12 W19)
ARE REPORTED BRIGHTEST ON DISK WITH SLOW GROWTH
CONTINUING IN THESE REGIONS AS WELL AS REGION
433 (S05 E34).

IB. ENERGETIC EVENTS ARE NOT EXPECTED BUT A
LOW LEVEL CLASS M EVENT IS POSSIBLE DURING
THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD WAS QUIET BUT BECAME
UNSETTLED 04/0820Z. THE GEOMAGNETIC FIELD IS
EXPECTED TO REMAIN GENERALLY UNSETTLED, PRIMARILY
DURING LOCAL NIGHT TIME, DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 04 OCT-06 OCT

CLASS M 35/35/35

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 OCT 107

PREDICTED 04-06 OCT 105/105/103

90-DAY MEAN 03 OCT 120

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 OCT 05

ESTIMATED 03 OCT 04

PREDICTED 04-06 OCT 09/08/10

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HFUS BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 278

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 04 OCT 1972.

IA. SOLAR ACTIVITY CONTINUES LOW WITH ONLY HALF A DOZEN C-CLASS SUBFLARES REPORTED DURING THE PAST 24 HOURS. REGION 433 /S04E26/ HAS PRODUCED MOST OF THESE SUBFLARES. REGION 424 /N12W29/ CONTINUES TO DECLINE.

IB. REGION 424 COULD VERY LIKELY PRODUCE ONE MORE SMALL M-CLASS FLARE BEFORE IT DISINTEGRATES. REGION 429 /N22E39/ APPEARS TO BE REVERSED POLARITY. ACTIVITY SHOULD CONSIST MAINLY OF SUBFLARES FROM REGIONS 431 /S21E37/, 432 /S12E25/ AND 433 DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED FOR THE PAST 24 HOURS AND SHOULD REMAIN SO THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 OCT-07 OCT

CLASS M 35/35/35

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 04 OCT 103

PREDICTED 05-07 OCT 100/100/100

90-DAY MEAN 04 OCT 119.9

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 OCT 04

ESTIMATED 04 OCT 07

PREDICTED 05-07 OCT 09/08/10

SOLTERWARN

SPAN

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