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HFUS 1 BOU 030600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 277A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 03 OCTOBER 1972

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

BT

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KBOU

HFUS 1 BOU 031300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 277B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 03 OCTOBER 1972

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS.

NO ENERGETIC EVENTS OBSERVED. REGION 424 REMAINS

THE FEATURE OF PRIMARY INTEREST. IT HAS SHOWN

SOME DECAY, BUT NOT ENOUGH TO RULE IT OUT AS

A POTENTIAL SOURCE OF ENERGETIC ACTIVITY.

IB. CLASS M ACTIVITY IS POSSIBLE FROM REGION 424

DURING THE NEXT 72 HOURS. NO RETURNING REGIONS

ARE DUE BACK.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET.

IT IS EXPECTED TO REMAIN QUIET TO MILDLY UNSETTLED

FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 03-05 OCT

CLASS M 50/50/50

CLASS X 02/02/02

PROTON 01/02/02

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 OCT 109

PREDICTED 03-05 OCT 106/104/102

90-DAY MEAN 02 OCT 121

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 OCT 04

ESTIMATED 02 OCT 04

PREDICTED 03-05 OCT 09/08/07

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 277

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 OCT 1972

IA. SOLAR ACTIVITY CONTINUES LOW WITH MOST ACTIVITY CONFINED TO
REGION 424 /N12W16/ WHICH PRODUCED SEVEN SUBELARES. AT 1458Z A
LARGE SUB-NORMAL FLARE IN REGION 424 WAS ACCOMPANIED BY A LARGE
DARK SURGE JUST SOUTH OF THE FLARE. MINOR RADIO BURSTS FROM 60 MHZ
THROUGH 1415 MHZ ACCOMPANIED THIS FLARE. NO ACTIVITY HAS BEEN
OBSERVED FROM 424 SINCE THIS FLARE. NEW SPOTS HAVE EMERGED IN
REGION 422 /S07W40/ AND SMALL ARCH FILAMENTS HAVE BEEN OBSERVED
IN THIS REGION. THE LIMBS HAVE REMAINED QUIET.

IB. REGION 424 APPEARS TO HAVE DECAYED SOMEWHAT BUT REMAINS
CAPABLE OF PRODUCING A CLASS M EVENT. REGION 422 SHOULD ALSO BE
WATCHED FOR CONTINUED DEVELOPMENT. THIS REGION COULD PRODUCE
ENERGETIC ACTIVITY DURING THE LATTER PORTION OF THE FORECAST
PERIOD. THERE ARE NO REGIONS DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE LAST 24 HOURS BUT MAY
BECOME SLIGHTLY UNSETTLED EARLY IN THE FORECAST PERIOD DUE TO AN
EXPECTED SECTOR BOUNDARY PASSAGE.

III. EVENT PROBABILITIES 04 OCT-06 OCT

CLASS M 45/45/45

CLASS X 02/02/02

PROTON 02/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 OCT 107

PREDICTED 04 OCT-06 OCT 105/103/101

90-DAY MEAN 03 OCT 120

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 OCT 05

ESTIMATED 03 OCT 04

PREDICTED 04 OCT-06 OCT 08/07/06

SOLTERWARN