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HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 290A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 16 OCTOBER 1972

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SPAN I

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KBOU
HFUS 1 BOU 161300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 290B
JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED AT 1300Z 16 OCT 1972

IA. SOLAR ACTIVITY HAS BEEN LOW.
REGION 448 (S14E76) IS NOW SEEN TO BE
OF CLASSICAL FORM CONSISTING OF A LARGE
SYMETRIC LEADER SPOT AND SIMPLY
STRUCTURED FOLLOWER PLAGE. REGION 446
(S05E62) IS SMALLER, BRIGHTER AND IS
AT AN EARLIER PHASE OF DEVELOPMENT.
LIMB SURGES BEHIND 448 INDICATE
THERE MAY BE MORE STRUCTURES STILL
TO APPEAR.

IB. NO CURRENT REGION OFFERS AN
IMMEDIATE THREAT OF MAJOR
FLARES.

II. THE GEOMAGNETIC FIELD HAS CONTINUED
QUIET TO UNSETLED. MORE
OF THE SAME IS EXPECTED.

III. EVENT PROBABILITIES 16-18 OCT
CLASS M 20/20/20
CLASS X 03/03/03
PROTON 01/01/01
PCFC GREEN

IV. OTTAWA 10.7 CM FLUX
OBSERVED 15 OCT 103
PREDICTED 16-18 OCT 105/107/109
90-DAY MEAN 15 OCT 117.2

V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 14 OCT 023
ESTIMATED 15 OCT 06
PREDICTED 16-18 OCT 06/04/04

SPAN I
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KBOU

HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 290

JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 16 OCT 1972

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 448 /S15E70/ HAS NOT PRODUCED ANY FLARES IN THE PAST 24 HOURS BUT LIMB ACTIVITY IN THE AREA IS STILL APPARENT, INDICATING MORE TRAILER SPOTS MAY CROSS OVER THE LIMB. REGION 446 /S05E57/ IS GROWING AND MAY SHARE A NEUTRAL LINE WITH REGION 448, ALTHOUGH ANALYSIS IS DIFFICULT DUE TO LIMB PROXIMITY.

IB. SIGNIFICANT ACTIVITY MAY RESULT IF REGIONS 446 AND 448 CONTINUE TO GROW AND INTERACT TO CREATE HIGH FIELD GRADIENTS. THE REST OF THE DISK WILL REMAIN QUIET.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETLED. QUIET CONDITIONS ARE EXPECTED FOR THE NEXT 48 HOURS FOLLOWED BY UNSETLED CONDITIONS FOR THE NEXT 24.

III. EVENT PROBABILITIES 17-19 OCT

CLASS M 30/40/40

CLASS X 05/07/07

PROTON 01/03/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 OCT 107

PREDICTED 17-19 OCT 111/114/117

90-DAY MEAN 16 OCT 117.2

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 OCT 007

ESTIMATED 16 OCT 009

PREDICTED 17-19 OCT 005/004/010

SOLTERWARN

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