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HFUS 1 BOU 170550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 291A

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 17 OCTOBER 1972

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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KBOU

HFUS 1 BOU 171310

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 291B

JOINT AESC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 17 OCTOBER 1972

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. NO EVEN SUBFLARES HAVE BEEN
REPORTED THIS GREENWICH DAY.

REGION 448 (S15E68) HAS A FAIRLY COMPLEX STRUCTURE. AT PRESENT,
IT IS NOT INTENSE AT MOST WAVELENGTHS, THOUGH ITS 9.1 CM BRIGHTNESS
TEMPERATURE HAS INCREASED TO 300,000 DEG K.

IB. PROSPECTS ARE FAVORABLE FOR DEVELOPMENT OF REGION 448 ALONG WITH
ADJACENT 446 (S05E55) INTO A SOURCE OF ENERGETIC FLARES OVER THE
NEXT TWO TO FIVE DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN
SO FOR ANOTHER 36 HOURS.

III. EVENT PROBABILITIES 17 - 19 OCT

CLASS M 30/40/40

CLASS X 05/07/07

PROTON 01/03/03

PCFC 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 07

ESTIMATED 16 OCT 09

PREDICTED 17-19 OCT 04/04/10

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KBOU
HFUS BOU 172200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 291
JOINT AESC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 OCT 1972
IA. SOLAR ACTIVITY IS STILL AT A VERY LOW LEVEL. REGION 448 /S16E56/ CONTINUES TO GROW. THE LARGE LEADER SPOT IN THIS REGION IS FRAGMENTED INTO SEVERAL UMBRAE BUT MAGNETIC CLASSIFICATION IS UNCERTAIN DUE TO POOR OBSERVING CONDITIONS. A COMPLEX NEUTRAL LINE WITH SEVERAL KINKS TRAVERSES THIS REGION AND EXTENDS TO NEARBY REGION 446 /S05E44/ WHICH APPEARS TO BE A SIMPLE BETA TYPE.
IB. PROSPECTS REMAIN FAVORABLE FOR DEVELOPMENT OF REGION 448 AND ADJACENT 446 INTO A SOURCE OF ENERGETIC FLARES OVER THE NEXT SEVERAL DAYS.
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN SO FOR THE NEXT 24 HOURS. UNSETTLED CONDITIONS ARE EXPECTED FOR THE FOLLOWING 48 HOURS.
III. EVENT PROBABILITIES 18-20 OCT
CLASS M 30/40/40
CLASS X 05/07/07
PROTON 01/03/03
PCAF GREEN
IV. OTTAWA 10.7CM FLUX
OBSERVED 17 OCT 114
PREDICTED 18-20 OCT 118/122/124
90-DAY MEAN 17 OCT 117.3
V. GEOMAGNETIC A-INDICES
OBSERVED FREDERICKSBURG 16 OCT 010
ESTIMATED 17 OCT 001
PREDICTED 18-20 OCT 003/010/010
SOLTERWARN
SPAN
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