

NNNN

KBOU

HFUS BOU 250600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 360A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 25 DEC 1972

IA. A SUBFLARE IN REGION 508 (N13W16) PRODUCED A SMALL SHORTWAVE FADE AT 24/2205Z.

IB. DISK REGIONS ARE PRESENTLY STABLE AND FLARE ACTIVITY SHOULD REMAIN LOW.

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 360B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 25 DECEMBER 1972

IA. SOLAR ACTIVITY HAS BEEN GENERALLY LOW DURING THE LAST 24 HOURS. REGION 508(N12W21) REMAINS THE ONLY AREA OF INTEREST AND PRODUCED 4 SUBFLARES DURING THE LAST 24 HOURS INCLUDING A SMALL M CLASS XRAY EVENT AT 24/2207Z. A MINOR SHORT WAVE FADE ALSO ACCOMPANIED THIS FLARE.

IB. REGION 508 REMAINS MAGNETICALLY SIMPLE AND SHOULD CONTINUE TO DECLINE SLOWLY. THUS, SOLAR ACTIVITY SHOULD CONTINUE LOW TO VERY LOW DURING THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE LAST 24 HOURS AND SHOULD REMAIN QUIET THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25 DEC - 27 DEC

CLASS M 30/30/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 DEC 105

PREDICTED 25 DEC- 27 DEC 102/99/96

90-DAY MEAN 24 DEC 111

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 DEC 19

ESTIMATED 24 DEC 11

PREDICTED 25 DEC - 27 DEC 06/06/06

SPAN

BT

NNNN

KBOU

HFUS BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 360

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 DECEMBER 1972

IA. REGION 508 /N13W29/ PRODUCED A SUBNORMAL CLASS M1 FLARE
ACCOMPANIED BY MINOR SHORT WAVE FADEOUTS AT 24/2205Z. ACTIVITY
HAS BEEN VERY LOW SINCE THIS EVENT. BRIGHT PLAGE MARKS THE
LEADING PORTION OF 508 WHERE RENEWED SPOT GROWTH IS REPORTED
TAKING PLACE. SPOT GROUP 513 /N17W33/ HAS DEVELOPED IN A PLAGE
IMMEDIATELY NORTH OF 508, BUT AS YET IT REMAINS SMALL. REGION
506 /N17W62/ CONTINUES TO DECAY AND SPOT GROUP 512, REPORTED
IN THE NORTHEAST YESTERDAY, IS NOT VISIBLE TODAY. AT REPORT
TIME THERE WERE NO SPOTS ON THE VISIBLE DISK TO THE EAST OF 508.
IB. CONTINUED LOW ACTIVITY IS EXPECTED. INFREQUENT SUBFLARES
ARE LIKELY FROM REGION 508.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO
REMAIN SO.

III. EVENT PROBABILITIES 26-28 DEC

CLASS M 30/25/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 25 DEC 108

PREDICTED 26-28 DEC 106/104/103

90-DAY MEAN 25 DEC 111

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 DEC 10

ESTIMATED 25 DEC 02

PREDICTED 26-28 DEC 05/06/06

SOLTERWARN

SPAN

BT