

HEUS 1-80V 170600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 168A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 17 JUNE 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO SIGNIFICANT ACTIVITY HAS  
BEEN REPORTED IN THE PAST EIGHT HOURS, AS BOTH REGIONS ON THE DISK  
HAVE BEEN QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT THIS SAME APPROXIMATE LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THUS FAR TODAY. MILDLY  
ACTIVE LEVELS ARE EXPECTED DURING LOCAL NIGHTTIME.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

BT

HFUS 1 BQU 171400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 168B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 17 JUNE 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. NO SIGNIFICANT  
CHANGES HAVE BEEN REPORTED. ALL OF THE REGIONS REMAIN STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE TODAY AND IS  
EXPECTED TO BE ACTIVE THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 17 JUNE - 19 JUNE

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JUNE 84

PREDICTED 17 JUNE - 19 JUNE 83/83/84

90-DAY MEAN 16 JUNE 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JUNE 32

ESTIMATED AFR/AP 16 JUNE 13/15

PREDICTED AFR/AP 17 JUNE - 19 JUNE 18/21 - 18/21 - 19/22

SOLTERWARN

SPAN

BT

HFUS BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 168

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 17 JUNE 1974

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

RGN 428 (S12E16) HAS SHOWN SOME GROWTH WITH ADDITIONAL SMALL SPOTS  
NOW VISIBLE NORTHWEST OF THE LEADER SPOT. THE NEUTRAL LINE IS QUITE  
COMPLEX IN THE WEST CENTRAL PORTIONS OF THE REGION AND SEGMENTS OF  
THE NEUTRAL LINE FILAMENT HAVE BEEN ACTIVE. RGN 426 (N05W60) IS STA-  
BLE ALTHOUGH PLAGE ENHANCEMENTS HAVE BEEN NOTED. A NEW SMALL PLAGE  
IS ROTATING ONTO THE DISK NEAR NORTHEAST 10 BUT NO SPOTS ARE VISIBLE  
YET. REMAINDER OF THE DISK IS QUIET.

IB. CONTINUED DEVELOPMENT IN RGN 428 IS EXPECTED TO INCREASE THE  
FLARE PROBABILITY DURING THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE  
WITH LITTLE CHANGE EXPECTED.

III. EVENT PROBABILITIES 18-20 JUNE

CLASS M 15/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 JUNE 85

PREDICTED 18-20 JUNE 87/88/88

90-DAY MEAN 17 JUNE 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 JUNE 13

ESTIMATED AFR/AP 17 JUNE 16/18

PREDICTED AFR/AP 18-20 JUNE 25/33 - 24/31 - 24/32

SOLTERWARN

SPAN

BT