

HFUS 3 BOU 220600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 112A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 22 APR 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION 807 (S19 W47) HAS SHOWN LITTLE CHANGE OVER THE PAST 8 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW WITH OCCASIONAL CLASS C EVENTS AND A POSSIBLE ISOLATED M CLASS EVENT FROM REGION 807.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS.  
UNSETTLED CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 22 APR-24 APR

CLASS M	05/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	21 APR 80
PREDICTED	22-24 APR 80/80/80
90-DAY MEAN	21 APR 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	20 APR 25
ESTIMATED AFR/AP	21 APR 10/13
PREDICTED AFR/AP	22-24 APR 10/10 - 07/07 - 10/10
SOLTERWARN	

BT

HFUS 3 BOU 221500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 112B.

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 22 APRIL 1977

IA. SOLAR ACTIVITY REMAINED AT A VERY LOW LEVEL DURING THE PAST  
EIGHT HOURS. REGION 807 (S20W52) CONTINUES TO PRODUCE OCCASIONAL  
SMALL SUBFLARES. OTHERWISE, THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE  
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS QUIET TO SLIGHTLY UNSETLED DURING  
THE PAST EIGHT HOURS. SIMILAR CONDITIONS ARE EXPECTED THROUGH  
24 APRIL.

III. EVENT PROBABILITIES 22-24 APRIL

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 APRIL 80

PREDICTED 22-24 APRIL 80/80/80

90-DAY MEAN 21 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 APRIL 25

ESTIMATED AFR/AP 21 APRIL 10/13

PREDICTED AFR/AP 22-24 APRIL 10/10 - 07/07 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 222200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 112

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 22 APRIL 1977

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. REGION 807 (S21W57) FLUCTUATED IN SIZE AND PRODUCED SEVERAL SMALL SUB-  
FLARES DURING THE PAST 24 HOURS. A SMALL A-TYPE SPOT, REGION 812, HAS DEVELOPED NEAR S12W02.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR  
THE NEXT 24 HOURS. REGION 807 REMAINS A THREAT FOR ISOLATED ENERGETIC  
X-RAY ACTIVITY.

II. THE GEOMAGNETIC FIELD WAS QUIET TO SLIGHTLY UNSETLED DURING  
THE PAST 24 HOURS, AND SIMILAR CONDITIONS SHOULD PERSIST DURING  
THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 23-25 APRIL

CLASS M 05/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 APRIL 79

PREDICTED 22-24 APRIL 79/78/78

90-DAY MEAN 22 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 APRIL 10

ESTIMATED AFR/AP 22 APRIL 06/06

PREDICTED AFR/AP 23-25 APRIL 07/07 - 10/10 - 10/10

SOLTERWARN

BT