

HFUS 3 BOU 180530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 108A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 18 APRIL 1977

IA. SOLAR ACTIVITY WAS LOW FOR THE PAST 12 HOURS. BOTH REGION 807  
(S20E02) AND REGION 808 (S25W34) APPEAR STABLE WITH ONLY MINOR  
CHANGES. THE BACKGROUND X-RAY LEVEL IS LOWER THAN IT HAS BEEN  
FOR THE PAST 6 DAYS.

IB. ENERGETIC ACTIVITY IS STILL POSSIBLE AND SHOULD BE EXPECTED  
FROM REGION 807.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 12 HOURS. GENERALLY  
UNSETTLED CONDITIONS ARE EXPECTED THRU THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 18 APRIL - 20 APRIL

CLASS M 60/60/60

CLASS X 25/25/25

PROTON 15/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 APRIL 83

PREDICTED 18-20 APRIL 82/82/81

90-DAY MEAN 17 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 APRIL 14

ESTIMATED AFR/AP 17 APRIL 08/10

PREDICTED AFR/AP 18-20 APRIL 12/15 - 15/20 - 15/20

SOLTERWARN

BT

HFUS 3 BOU 181500

FROM SPA E ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 108-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 18 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 15 HOURS. REGION 807  
(S20W03) APPEARS TO HAVE DECLINED IN STRUCTURAL INTENSITY ALTHOUGH  
IT STILL CONTAINS AN ABNORMAL NEUTRAL LINE CONFIGURATION. REGION  
808 (S25W39) APPEARS TO HAVE REACHED MATURITY.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW WITH ENERGETIC  
EVENTS STILL POSSIBLE FROM REGION 807.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO RE-  
MAIN SO FOR THE NEXT 12 HOURS.

III. EVENT PROBABILITIES 18-20 APRIL

CLASS M 60/60/60

CLASS X 25/25/25

PROTON 15/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 APRIL 83

PREDICTED 18-20 APRIL 82/82/81

90-DAY MEAN 17 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 APRIL 14

ESTIMATED AFR/AP 17 APRIL 8/10

PREDICTED AFR/AP 18-20 APRIL 12/15 - 15/20 - 15/20

SOLTERWARN

BT

HFUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 108

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 18 APRIL 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. THE LAST EVENT WAS AN SF/C1  
IN REGION 807 (S19W08) AT 17/2215Z. BOTH REGIONS 807 AND 808  
(S25W42) APPEAR TO HAVE REACHED MATURITY. EVEN THOUGH EVENTS HAVE  
SUBSIDED, BOTH REGIONS EXHIBIT COMPLEX MAGNETIC CONFIGURATIONS IN  
THE KITT PEAK MAGNETOGRAMS. A SMALL WEAK REGION HAS EMERGED NEAR  
N09E06.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW WITH ISOLATED ENERGETIC  
ACTIVITY POSSIBLE FROM REGION 807.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. THE FIELD IS EXPECTED  
TO BE MODERATELY UNSETTLED TO ACTIVE FOR THE NEXT 24 TO 36 HOURS.

III. EVENT PROBABILITIES 19-21 APRIL

CLASS M 40/30/25

CLASS X 15/10/05

PROTON 10/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 APRIL 80

PREDICTED 19-21 APRIL 80/80/79

90-DAY MEAN 18 APRIL 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 APRIL 10

ESTIMATED AFR/AP 18 APRIL 09/06

PREDICTED AFR/AP 19-21 APRIL 15/20 - 12/15 - 10/12

SOLTERWARN

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