

HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 168-A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 16 JUNE 76

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.
WITH NO SIGNIFICANT ACTIVITY REPORTED. REGION 716 (N03E55) HAS
SHOWN STEADY GROWTH AND IS STILL A POTENTIAL SOURCE OF C-CLASS
X-RAY ACTIVITY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD BECAME UNSETTLED AROUND 1600Z AND SHOULD
REMAIN SO, POSSIBLY BECOMING ACTIVE SOMETIME ON 16 JUNE.

III. EVENT PROBABILITIES 16-18 JUNE

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JUNE 072

PREDICTED 16 - 18 JUNE 72/73/73

90-DAY MEAN 15 JUNE 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JUNE 03

ESTIMATED AFR/AP 15 JUNE 03/05

PREDICTED AFR/AP 16-18 JUNE 13/14 - 14/15 - 14/15

SOLTERWARN

BT

HFUS 1 BOU 161430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 168-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1430Z 16 JUNE 1976

IA. REGION 716 (N04E50) PRODUCED A ONE NORMAL FLARE AT 1204Z, THE FLARE WAS CLASSIFIED AS A C-3 BY SATELLETE READOUT. REGION 716 HAS SHOWN CONSIDERABLE GROWTH DURING THE PAST 8 HOURS. TWO SUB FLARES WERE OBSERVED IN REGION 716 ON THE 15TH AT 1323Z AND 1630Z. REGION 716 NEUTRAL LINE SHOWS SEVERAL SHARP KINKS.

IB. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. REGION 716 SHOULD GIVE A FEW CLASS C FLARES AND A CLASS M FLARE IS ALSO PROBABLE DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED. IT IS EXPECTED THE FIELD WILL BE UNSETTLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 16 - 18 JUNE

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JUNE 72

PREDICTED 16 - 18 JUNE 72/73/73

90-DAY MEAN 15 JUNE 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JUNE 03

ESTIMATED AFR/AP 15 JUNE 03/05

PREDICTED AFR/AP 16 - 18 JUNE 13/14 - 14/15 - 14/15

SOLTERWARN

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HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 168

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 JUNE 1976

IA. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL. A FEW MINOR X-RAY
BURSTS HAVE BEEN OBSERVED ON SATELLITE READOUTS. NO FLARES HAVE
BEEN OBSERVED SINCE THE ONE NORMAL FLARE AT 16/1204Z FROM REGION
716 (N03E42). THE REGION 716 HAS NOT SHOWN ANY DYNAMIC GROWTH
DURING THE PAST EIGHT HOURS BUT REGION IS BECOMING MORE COMPLEX
IN TRAILING PORTION.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL, HOWEVER REGION
716 IS CAPABLE OF PRODUCING A CLASS M FLARE. CLASS C FLARES
ARE EXPECTED.

II. THE GEOMAGNETIC FIELD IS UNSETTLED AND WILL REMAIN UNSETTLED
DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 17 JUNE - 19 JUNE

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JUNE 75

PREDICTED 17-19 JUNE 75/76/76

90-DAY MEAN 16 JUNE 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 JUNE 04

ESTIMATED AFR/AP 16 JUNE 07/06

PREDICTED AFR/AP 17-19 JUNE 15/15 - 15/15 - 15/15

SOLTERWARN

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