

HFUS 3 BOU 170530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 107A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 17 APRIL 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THIS PERIOD. LIMITED VIEWING AT
OUR OBSERVATORIES PRECLUDES OPTICAL REVIEW BUT X-RAY BACKGROUND
HAS BEEN QUIET.

IB. SOLAR ACTIVITY WILL BE LOW TO MODERATE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. THE FIELD IS EXPECTED TO
BECOME UNSETTLED TO ACTIVE DURING THE NEXT 8 HOURS.

III. EVENT PROBABILITIES 17 APRIL - 19 APRIL

CLASS M 60/50/40

CLASS X 10/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 APRIL 137

PREDICTED 17-19 APRIL 134/132/131

90-DAY MEAN 16 APRIL 139

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 APRIL 15

ESTIMATED AFR/AP 16 APRIL 07/07

PREDICTED AFR/AP 17-19 APRIL 16/18 - 13/15 - 09/10

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WFUS 3 BOU 171500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 107B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 17 APRIL 1978

IA. SOLAR ACTIVITY IS AT A LOW LEVEL. THE MOST RECENT ACTIVITY
WAS A C-1 FROM 1081 (N17E45). THIS REGION IS SMALL AND NOT
EXPECTED TO BE ACTIVE. REGION 1070 (N17E37) REMAINS THE MOST
IMPRESSIVE BUT HAS BEEN RELATIVELY QUIET THE PAST 12 HOURS.
THE ASR AT NE20 CONTINUES. A SMALL ERUPTIVE PROMINENCE WAS
REPORTED ON WEST LIMB NEAR N60.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN BASICALLY LOW, WITH
INFREQUENT ENERGETIC EVENTS MAINLY FROM REGION 1070. THIS AREA,
ALTHO APPARENTLY DECLINING, SHOULD BE MONITORED FOR REJUVENATION

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS
CONDITIONS ARE EXPECTED TO BE SLIGHTLY UNSETTLED THRU THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 17 APRIL - 19 APRIL

CLASS M 60/50/40

CLASS X 10/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 APRIL 137

PREDICTED 17-19 APRIL 134/132/131

90-DAY MEAN 16 APRIL 139

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 APRIL 15

ESTIMATED AFR/AP 16 APRIL 07/07

PREDICTED AFR/AP 17-19 APRIL 07/10 - 13/15 - 09/10

SOLTERWARN

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HFUS 1 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 107

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 APRIL 1978

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL THE PAST 24 HOURS.
REGION 1070 (N17W42) THE IMPRESSIVE HAS BEEN QUIET AND APPEARS
STABLE. THIS AREA MAY RETAIN SOME MAGNETIC COMPLEXITY.
REGION 1085 (N51E85) IS ROTATING ONTO THE DISK AND MAYBE
THE RETURN OF REGION 1050. SO FAR THIS REGION IS QUIET. ALL
OTHER REGIONS APPEAR STABLE OR DECLINING.

IB. THE LOW LEVEL OF SOLAR ACTIVITY SHOULD CONTINUE THRU THE
FORECAST PERIOD. A SLIGHT CHANCE OF ENERGETIC ACTIVITY IS
POSSIBLE FROM REGION 1070.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS.
SIMILAR CONDITIONS ARE EXPECTED THRU THE FORECAST PERIOD.
LEVELS OF ACTIVITY MAY INCREASE STARTING ON 21 APRIL.

III. EVENT PROBABILITIES 18-20 APRIL

CLASS M 30/20/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 APRIL 132

PREDICTED 18-20 APRIL 130/128/126

90-DAY MEAN 17 APRIL 139

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 APRIL 08

ESTIMATED AFR/AP 17 APRIL 05/06

PREDICTED AFR/AP 18-20 APRIL 07/07 - 07/07 - 07/07

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