

HFUS 1 30U 040545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 095A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 04 APRIL 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
REGION 690 (S08W54) IS THE ONLY DISK REGION AND IT CONTINUES SLOW
DECAY. THE REGION CONTAINS A DELTA CONFIGURATION BUT THE MAGNETIC
FIELDS ARE RATHER LOW.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS UNSETTLED. ACTIVE TO MINOR STORM
CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 04 APRIL - 06 APRIL

CLASS M 70/60/50

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 APRIL 76

PREDICTED 04-06 APRIL 75/74/75

90-DAY MEAN 03 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 APRIL 15

ESTIMATED AFR/AP 03 APRIL 25/42

PREDICTED AFR/AP 04-06 APRIL 27/35 - 22/30 - 20/25

SOLTERWARN

BT

HFUS 1 BOU 041500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 095B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 04 APRIL 1976

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 690 (S08W59)
CONTINUES A SLOW DECAY. ITS SPOT GROUP IS AN IRREGULAR PENUMBRA
CONTAINING A LARGE POSITIVE-POLARITY SPOT AND SEVERAL SMALL SPOTS
OF NEGATIVE POLARITY. THE NEUTRAL LINE THROUGH THIS WEAK DELTA
CONFIGURATION IS MARKED BY A FILAMENT THAT IS OCCASIONALLY ACTIVE.
THE REMAINDER OF THE VISIBLE SUN IS VOID OF ACTIVE REGIONS.

IB. REGION 690 IS STILL CAPABLE OF AN ISOLATED CLASS M EVENT.
CURRENT TREND IS FOR VERY FEW FLARES OF EVEN CLASS C.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED FOR THE
PAST 12 HOURS. ACTIVE NIGHTTIME PERIODS AND UNSETTLED DAYTIME
PERIODS WILL CONTINUE THROUGH THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 04 APRIL - 06 APRIL

CLASS M 70/60/50

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 APRIL 76

PREDICTED 04-06 APRIL 75/74/75

90-DAY MEAN 03 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 APRIL 15

ESTIMATED AFR/AP 03 APRIL 25/42

PREDICTED AFR/AP 04-06 APRIL 27/35 - 22/30 - 20/25

SOLTERWARN

BT

HFUS.1 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 095

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 APRIL 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS.
REGION 690 (S08W65) CONTINUES A SLOW DECLINE. IT RETAINS A DELTA
CONFIGURATION AND AN EAST-WEST ACTIVE FILAMENT. SURGES WITH
ACCOMPANYING TYPE III RADIO BURSTS HAVE BEEN FREQUENT. NONE OF
THESE EVENTS PRODUCED DETECTABLE X-RAYS. A WEAK 10-CM RADIO
SOURCE HAS BEEN OBSERVED APPROACHING EAST LIMB.

IB. NO INCREASE IN ACTIVITY IS EXPECTED UNLESS THERE HAS BEEN
REDEVELOPMENT OF REGION 688 DURING ITS TRANSIT OF THE INVISIBLE
HEMISPHERE. PROMINENCE ACTIVITY MAY OCCUR AT N05E90 ON THE THIRD
DAY AS 688 REAPPEARS.

II. THE GEOMAGNETIC FIELD HAS TRENDED FROM MINOR STORM LEVELS
AT NIGHT TO QUIET CONDITIONS AT THIS TIME. GENERALLY UNSETTLED
CONDITIONS WILL RESUME TONIGHT AS THE EARTH BECOMES ALIGNED WITH
THE LOW-LATITUDE BORDER OF THE SOUTH POLAR CORONAL HOLE.

III. EVENT PROBABILITIES 05-07 APRIL

CLASS M 60/50/25

CLASS X 05/05/02

PROTON 05/05/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 APRIL 75

PREDICTED 05-07 APRIL 74/72/70

90-DAY MEAN 04 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 APRIL 27

ESTIMATED AFR/AP 04 APRIL 23/36

PREDICTED AFR/AP 05-07 APRIL 22/30 - 20/25 - 20/25

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