

HFUS 1 BOU 030600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 094A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 03 APRIL 1976

IA. REGION 690 (S08W38) IS THE ONLY DISK REGION AND IT HAS REMAINED
QUIET DURING THE PAST EIGHT HOURS. SOLAR ACTIVITY HAS BEEN VERY
LOW. THE REGION APPEARS STABLE. THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE NEXT
24 HOURS. CLASS C ACTIVITY IS EXPECTED AND CLASS M ACTIVITY IS
PROBABLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST
EIGHT HOURS. IT IS EXPECTED THE FIELD WILL BE UNSETTLED TO SLIGHTLY
ACTIVE DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 03 APRIL - 05 APRIL

CLASS M 60/50/50

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 APRIL 74

PREDICTED 03 - 05 APRIL 76/75/75

90-DAY MEAN 02 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 APRIL 79

ESTIMATED AFR/AP 02 APRIL 16/16

PREDICTED AFR/AP 03 - 05 APRIL 22/25 - 22/25 - 22/25

SOLTERWARN

BT

HFUS 1 BOU 031500,
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 094-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 3 APR 1976

IA. SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 8
HOURS. REGION 690 (S08W45) CONTINUES ITS SLOW DECLINE.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL BUT REGION 690
WILL CONTINUE TO THREATEN.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH PERIODS OF MINOR
STORM CONDITIONS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED
FOR THE NEXT 2 OR 3 DAYS.

III. EVENT PROBABILITIES 03 - 05 APR

CLASS M 60/50/50

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 APR 77

PREDICTED 03 - 05 APR 76/75/75

90-DAY MEAN 02 APR 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 APR 79

ESTIMATED AFR/AP 02 APR 15/16

PREDICTED AFR/AP 03 - 05 APR 22/30 - 22/25 - 22/25

SOLTERWARN

BT

HFUS 1 BOU 032200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 094

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 APR 1976

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. HOWEVER, THE DYNAMIC BEHAVIOR OF REGION 690 (S03W52) HAS INCREASED SIGNIFICANTLY SINCE YESTERDAY. REGION 690 HAS PRODUCED SEVERAL SUBFLARES AND THE H-ALPHA PLAGE IS BRIGHTER AND FLUCTUATING. SPOT AREA HAS CONTINUED TO DECREASE BUT THE DELTA CONFIGURATION IS STILL INFERRED.

IB. SOLAR ACTIVITY WILL REMAIN AT A VERY LOW LEVEL. ALTHOUGH THE ACTIVITY LEVEL WILL BE VERY LOW, THE RECENT BEHAVIOR OF 690 JUSTIFIES THE CAUTION WITH WHICH IT IS REGARDED.

II. THE GEOMAGNETIC FIELD IS UNSETTLED. ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED FOR THE NEXT TWO OR THREE DAYS.

III. EVENT PROBABILITIES 04 - 06 APR

CLASS M 70/60/50

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 APR 076

PREDICTED 04 - 06 APR 075/074/075

90-DAY MEAN 03 APR 074

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 APR 15

ESTIMATED AFR/AP 03 APR 20/40

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

SOLTERWARN

BT