

HFUS 1 BOU 020600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 093A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 02 APRIL 1976

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 690 (S08W29)
REMAINS COMPLEX AND HAS SHOWN NO SIGNIFICANT DECAY. THE REMAINDER
OF THE DISK IS FEATURELESS.

IB. ACTIVITY LEVELS SHOULD REMAIN VERY LOW WITH OCCASIONAL SUB-
FAINT/C-CLASS FLARES. THERE REMAINS A CHANCE OF SIGNIFICANT
ACTIVITY FROM THIS REGION.

II. IN THE WAKE OF MAJOR STORM CONDITIONS ON 01 APR THE
GEOMAGNETIC FIELD SHOULD REMAIN ACTIVE THROUGHOUT THE FORECAST
PERIOD. NO FURTHER MAJOR STORM ACTIVITY IS EXPECTED.

III. EVENT PROBABILITIES 02 - 04 APRIL

CLASS M 75/60/50

CLASS X 25/15/10

PROTON 25/15/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 APRIL 80

PREDICTED 02 - 03 APRIL 72/78/78

90-DAY MEAN 01 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 MARCH 06

ESTIMATED AFR/AP 01 APRIL 80/99

PREDICTED AFR/AP 02 - 04 APRIL 30/35 - 20/30 - 20/25

SOLTERWARN

BT

HFUS 1 BOU 021500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 093-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 02 APR 1976

IA. SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST EIGHT
HOURS. REGION 690 (S08W32) HAS NOT CHANGED MUCH SINCE YESTERDAY
BUT CONTINUES ITS SLOW DECAY. THE REMAINDER OF THE DISK IS
FEATURELESS.

IB. SOLAR ACTIVITY IS LIKELY TO CONSIST OF OCCASIONAL SUBFLARES
WITH THE CHANCE OF AN M CLASS X-RAY FLARE CONTINUING.

II. THE GEOMAGNETIC FIELD IS QUIET AFTER EXPERIENCING ACTIVE
CONDITIONS EARLIER TODAY. UNSETTLED TO ACTIVE CONDITIONS SHOULD
PERSIST FOR THE REMAINDER OF TODAY BUT ACTIVE TO MINOR STORM
CONDITIONS ARE EXPECTED IN NIGHTTIME SECTORS DURING THE NEXT
24 HOURS.

III. EVENT PROBABILITIES 02 - 04 APR

CLASS M 75/60/50

CLASS X 25/15/10

PROTON 25/15/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 APR 80

PREDICTED 02 - 04 APR 78/78/78

90-DAY MEAN 01 APR 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 MAR 06

ESTIMATED AFR/AP 01 APR 80/99

PREDICTED AFR/AP 02 - 04 APR 12/18 - 20/30 - 20/25

SOLTERWARN

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HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 093

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 2 APRIL 1976

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL FOR THE PAST 24 HOURS. REGION 690 (S08W35) CONTINUES TO PRODUCE AN OCCASIONAL SUBFLARE BUT AT OTHER TIMES APPEARS TO BE IN A DORMANT STATE. THE SPOT GROUP IS STILL LARGE ALTHOUGH SOME OF THE SMALL SPOTS HAVE DISAPPEARED. NO SIGNIFICANT DECLINE IN THE REGIONS OVERALL COMPLEXITY IS EVIDENT.

IB. WHILE ONLY SUBFLARES ARE BEING NOTED, M-CLASS X-RAY FLARES ARE DEFINITELY POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING THE PAST 24 HOURS. A RECURRENT DISTURBANCE IS EXPECTED TO BRING ACTIVE TO OCCASIONAL MINOR STORM CONDITIONS DURING THE COMING 24 HOURS.

III. EVENT PROBABILITIES 03-05 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 077

PREDICTED 03-05 APRIL 076/075/075

90-DAY MEAN 02 APRIL 074

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 APRIL 79

ESTIMATED AFR/AP 02 APRIL 16/17

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

SOLTERWARN

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