

HFUS 1 BOU 050545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 096A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 05 APRIL 1976

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST
EIGHT HOURS. THE DISK IS QUIET AND THE ONE-DISK REGION IS SLOWLY
DECAYING. THE LIMBS ARE QUIET.

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

II. THE GEOMAGNETIC FIELD IS UNSETLED TO ACTIVE AND IS EXPECTED
TO CONTINUE AT THAT LEVEL.

III. EVENT PROBABILITIES 05 APRIL - 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 23/33

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

SOLTERWARN

BT

HFUS 1 BOU 051500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 096B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 05 APRIL 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW AS REGION 690 (S08W73) REMAINS REMARKABLY STABLE. THE LARGE IRREGULAR PENUMBRA CONTAINS SPOTS OF BOTH POLARITIES. THE FOLLOWER POLARITY SPOTS ARE DECAYING. NO LIMB ACTIVITY HAS BEEN REPORTED.

IB. ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL. EAST LIMB ACTIVITY MAY BEGIN ON THE THIRD DAY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED FOR THE PAST 12 HOURS. DAYTIME SHOULD BE QUIET TO UNSETTLED AND NIGHTTIME UNSETTLED TO ACTIVE FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 05 APRIL - 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 23/33

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

SOLTERWARN

BT

HFUS 1 BOUL 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 096

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 05 APRIL 76

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. A SINGLE FAINT SUBFLARE OCCURRED AT 1621Z IN THE SOUTHERN PORTION OF REGION 690(S08W78). THIS REGION CONTINUES A SLOW DECAY. IT RETAINS A LARGE PENUMBRA ENVELOPING ALL 6 SPOTS. AN ACTIVE DARK FILAMENT CONTINUES TO MARK THE EAST-WEST NEUTRAL LINE THROUGH THE MIDDLE OF THIS DELTA CONFIGURATION.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW. THE SUN MAY BE WITHOUT SPOTS FOR THIS FORECAST PERIOD. REGION 688 WILL RETURN TO EAST LIMB AT N05 ON 08 APRIL. IT IS LIKELY THAT THIS REGION WILL BE BUT A FAINT PLAGE BY THIS TIME.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED FOR THE PAST 24 HOURS. UNSETLED CONDITIONS WILL CONTINUE THE NEXT THREE DAYS BUT WITH MORE FREQUENT PERIODS OF QUIET DURING DAYLIGHT HOURS.

III. EVENT PROBABILITIES 06-08 APRIL

CLASS M 50/25/25

CLASS X 05/02/01

PROTON 05/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 APRIL 73

PREDICTED 06-08 APRIL 71/70/72

90-DAY MEAN 05 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 APRIL 25

ESTIMATED AFR/AP 05 APRIL 20/29

PREDICTED AFR/AP 06-08 APRIL 16/20 - 16/20 - 12/15

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