

HFUS 1 BOU 210540

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 112A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 APRIL 1976

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. REGION 693 (N03W87) HAS
BEEN QUIET AND HAS SHOWN GRADUAL DECAY. THE OTHER REGIONS HAVE
REMAINED QUIET AND UNCHANGED.

IB. ACTIVITY LEVELS SHOULD REMAIN LOW TO VERY LOW. OCASIONAL C-
CLASS X-RAY ACTIVITY IS POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS REMAINED QUIET. UNSETTLED CONDITIONS
SHOULD DEVELOP ON 21 APRIL WITH RECURRENT ACTIVE CONDITIONS DUE ON
22 APRIL.

III. EVENT PROBABILITIES 21 APRIL - 23 APRIL

CLASS M 01/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 APRIL 79

PREDICTED 21-23 APRIL 79/79/79

90-DAY MEAN 20 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 APRIL 04

ESTIMATED AFR/AP 20 APRIL 01/03

PREDICTED AFR/AP 21-23 APRIL 08/10 - 30/35 - 25/35

SOLTERWARN

BT

HFUS 1 BOU 211500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 112-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 21 APR 1976

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 16 HOURS.
REGION 700 (S10E76), AND H TYPE SPOT GROUP, IS STABLE AND UN-
IMPRESSIVE AT THIS TIME. REGION 699 (S06W56) HAS ALMOST COM-
pletely decayed in white light, while other disc regions have
remain stable and quiet.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE
REMAINDER OF THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET DURING THE
PAST 16 HOURS EXCEPT FOR UNSETTLED CONDITIONS FROM 1100Z - 1300Z.
MOSTLY QUIET CONDITIONS AS EXPECTED FOR THE REST OF THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 21 - 23 APR

CLASS M 01/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 APR 79

PREDICTED 21 - 23 APR 79/79/79

90-DAY MEAN 20 APR 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 APR 04

ESTIMATED AFR/AP 20 APR 01/03

PREDICTED AFR/AP 21 - 23 APR 08/10 - 30/35 - 25/35

SOLTERWARN

BT

HFUS 1 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 112

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 APR 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.

RAMEY OBSERVATORY REPORTED A SUB NORMAL FLARE IN REGION 697

(N05W25) FROM 211526Z TO 211537Z. THE FLARE PRODUCED

A C1 X-RAY BURST. REGION 698 (S10W09) AND REGION 700

(S09E71) HAVE BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL FOR
THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD WAS MOSTLY QUIET DURING THE PAST 24
HOURS EXCEPT FOR UNSETTLED CONDITIONS FROM 1100Z TO 1500Z.

A RECURRENT DISTURBANCE IS EXPECTED TO START ON 22 APR AND
COULD RESULT IN MINOR STORM CONDITIONS.

III. EVENT PROBABILITIES 22 - 24 APR

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 APR 76

PREDICTED 22 - 24 APR 76/76/75

90-DAY MEAN 21 APR 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 APR 01

ESTIMATED AFR/AP 21 APR 05/07

PREDICTED AFR/AP 22 - 24 APR 30/35 - 25/35 - 12/15

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