

HFUS 1 BOU 170540

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 077A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 17 MARCH 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 688 (N05E27) HAS
CONTINUED ITS GROWTH, HOWEVER REMAINS A BIPOLAR REGION.

IB. ACTIVITY LEVELS WILL REMAIN VERY LOW. OCCASIONAL CLASS-C X-RAY
EVENTS FROM REGION 688 ARE EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 8 HOURS AND
SHOULD REMAIN ACTIVE THROUGH 18 MARCH.

III. EVENT PROBABILITIES 17 MARCH - 19 MARCH

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 MARCH 73

PREDICTED 17-19 MARCH 74/76/76

90-DAY MEAN 16 MARCH 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 MARCH 14

ESTIMATED AFR/AP 16 MARCH 16/15

PREDICTED AFR/AP 17-19 MARCH 17/25 - 15/15 - 13/13

SOLTERWARN

BT

HFUS 1 BOU 171500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 077-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 17 MAR 1976

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 16 HOURS.
REGION 688 (N05E23) HAS SHOWN CONTINUED SPOT GROWTH BUT HAS
PRODUCED NO SIGNIFICANTLY ENERGETIC ACTIVITY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW WITH
OCCASIONAL CLASS - C X-RAY EVENTS POSSIBLE FROM REGION 688.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE DURING THE
PAST 16 HOURS AND IS EXPECTED TO REMAIN SO THROUGH THE REST OF
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 17 - 19 MAR 76

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 MAR 73

PREDICTED 17 - 19 MAR 74/76/76

90-DAY MEAN 16 MAR 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 MAR 14

ESTIMATED AFR/AP 16 MAR 16/15

PREDICTED AFR/AP 17 - 19 MAR 17/25 - 15/15 - 13/13

SOLTERWARN

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HFUS 1 BOU 172200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 077

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 17 MAR 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS;
HOWEVER, REGION 688 (N05E19) HAS CONTINUED GROWING AND IS NOW A
D TYPE REGION. ALTHOUGH THE REGION IS MAGNETICALLY SIMPLE, THERE
IS AN INCREASED PROBABILITY FOR THE OCCURRENCE OF CLASS C X-RAY
BURSTS. IN ADDITION, A NEW B TYPE SPOT GROUP, REGION 689
(S07E24), HAS DEVELOPED AND APPEARS TO BE GROWING SLOWLY.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL. HOWEVER,
CONTINUED GROWTH IN REGIONS 688 AND 689 IS LIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED DURING
THE PAST 24 HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED
FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 18 - 20 MAR 76

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 MAR 77

PREDICTED 18 - 20 MAR 78/78/79

90-DAY MEAN 17 MAR 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 MAR 16

ESTIMATED AFR/AP 17 MAR 16/18

PREDICTED AFR/AP 18 - 20 MAR 15/15 - 13/13 - 10/10

SOLTERWARN

BT