

HFUS 1 BOU 180540

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 078A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 18 MARCH 1976

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. GROWTH IN THE FORM OF
EMERGING FLUX HAS CONTINUED IN REGION 688 (N06E16). THE REGION HAS
NOT YET PRODUCED A CLASS C FLARE. SLOW GROWTH ALSO CONTINUES IN
REGION 689 (S07E20).

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. CHANCES OF
CLASS C AND CLASS M FLARES FROM REGION 688 ARE INCREASING.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. UNSETTLED
CONDITIONS WITH INTERMITTENT ACTIVE PERIODS ARE EXPECTED.

III. EVENT PROBABILITIES 18 MARCH - 20 MARCH

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 MARCH 77

PREDICTED 18-20 MARCH 78/78/79

90-DAY MEAN 17 MARCH 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 MARCH 16

ESTIMATED AFR/AP 17 MARCH 16/18

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

SOLTERWARN

BT

HFUS 1 BOU 181500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 078-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 18 MAR 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 16 HOURS.

RAMEY OBSERVATORY REPORTED A SMALL SUB FAINT FLARE (181107Z -
181118Z) FROM REGION 688 (N06E10), BUT THE REGION HAS NOT PRO-
DUCED A CLASS C FLARE. ALTHOUGH REGION 688 APPEARS TO HAVE
REACHED MATURITY, IT STILL HAS THE POTENTIAL FOR CLASS C
X-RAY BURSTS. REGION 689 (S07E15) IS STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN GENERALLY AT A VERY LOW
LEVEL THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED DURING
THE PAST 16 HOURS AND IS EXPECTED TO REMAIN SO THROUGHOUT THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 18 - 20 MAR

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 16/22

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

SOLTERWARN

BT

HFUS 1 BOU 182200

FROM SPACE ENVIRONEMNT SERVICES CENTER BOULDER COLO

SDF 078

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 18 MARCH 1976

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 24 HOURS. REGION
688 (N06E06), A LARGE D TYPE SPOT GROUP WITH BETA MAGNETIC CLASS-
IFICATION, HAS PRODUCED SEVERAL SUB-FAINT FLARES. REGION 689
(S07E11) IS A GROWING C-TYPE SPOT GROUP BUT HAS PRODUCED NO
SIGNIFICANT ACTIVITY.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY VERY LOW DURING
THE NEXT 24 HOURS. OCCASIONAL C CLASS X-RAY BURSTS ARE POSSIBLE
FOR THE NEXT THREE DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE DURING THE
PAST 24 HOURS. THE FIELD IS AGAIN EXPECTED TO BE UNSETTLED TO ACTIVE
FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 19-21 MARCH

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 MARCH 80

PREDICTED 19-21 MARCH 81/81/82

90-DAY MEAN 18 MARCH 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 MARCH 15

ESTIMATED AFR/AP 18 MARCH 15/15

PREDICTED AFR/AP 19-21 MARCH 13/13 - 10/10 - 05/05

SOLTERWARN

BT