

HFUS 1 BOU 160550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 076A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 16 MARCH 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THE DISK IS QUIET. THE LIMBS ARE QUIET.

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

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND IT IS EXPECTED THAT
THE FIELD WILL CONTINUE IN AN UNSETLED CONDITION DURING THE NEXT 24
HOURS.

III. EVENT PROBABILITIES 16 MARCH - 18 MARCH

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MARCH 70

PREDICTED 16-18 MARCH 70/70/70

90-DAY MEAN 15 MARCH 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MARCH 16

ESTIMATED AFR/AP 15 MARCH 15/18

PREDICTED AFR/AP 16-18 MARCH 15/17 - 17/25 - 15/15

SOLTERWARN

BT

HFUS 1 BOU 161500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 076-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 16 MAR 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGIONS 686 (S35W52) AND 687 (S11W59) ARE BOTH SPOTLESS. THE PLAGE WHICH HAS BEEN IN THE NE QUADRANT HAS HAD RAPID SPOT GROWTH IN THE LAST 18 HOURS AND IS DESIGNATED REGION 688 (N06E36).

IB. THERE IS A CHANCE FOR CLASS C X-RAY EVENTS BEGINNING TODAY WITH CONTINUED GROWTH IN REGION 688.

II. THE GEOMAGNETIC FIELD HAS BEEN MODERATELY UNSETLED TO SLIGHTLY ACTIVE. THE CONDITIONS ARE EXPECTED TO PERSIST FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 16-18 MAR.

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAR 70

PREDICTED 16-18 MAR 70/70/70

90-DAY MEAN 15 MAR 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MAR 16

ESTIMATED AFR/AP 15 MAR 14/18

PREDICTED AFR/AP 16-18 MAR 15/17 - 17/25 - 15/15

SOLTERWARN

BT

HFUS 1 BOU 162200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 076
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 MAR 1976

- IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 688 (N05E31)
CONTINUES ITS GROWTH IN BOTH H-ALPHA AND SUNSPOT STRUCTURE.
INFERRRED MAGNETIC STRUCTURE REMAINS ESSENTIALLY BIPOLAR WITH SOME
DEVIATION IN THE NEUTRAL LINE THROUGH THE REGION.
- IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW. OCCASIONAL
CLASS C X-RAY EVENTS FROM REGION 688 ARE EXPECTED.
- II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY ACTIVE. THE FIELD
IS EXPECTED TO BE SLIGHTLY ACTIVE FOR THE FIRST HALF OF THE FORECAST
PERIOD AND THEN BECOME MODERATELY UNSETTLED.

III. EVENT PROBABILITIES 17 - 19 MAR

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

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