

HFUS 1 BOU 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 079A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 19 MARCH 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.  
REGION 688 (N06E02) IS NOW AN E-TYPE SPOT GROUP WITH BETA MAGNETIC  
CLASSIFICATION. REGION 689 (S07E07) IS CURRENTLY A D-TYPE GROUP.  
NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED DURING THE PAST 8 HOURS.

IB. ACTIVITY LEVELS SHOULD REMAIN VERY LOW. OCCASIONAL CLASS-C  
X-RAY FLARES ARE POSSIBLE FOR THE NEXT THREE DAYS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST  
8 HOURS AND IS EXPECTED TO BE PREDOMINANTLY UNSETTLED FOR THE  
NEXT FEW DAYS.

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

HFUS 1 BOU 191500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 079-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 19 MAR 1976

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. MINOR X-RAY EVENTS,  
BELOW CLASS C LEVELS, HAVE BEEN OCCURRING AT THE RATE OF ONE  
EVERY ONE TO THREE HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED WITH INTERMITTENT  
ACTIVE PERIODS. IT IS EXPECTED TO BE GENERALLY UNSETTLED.

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

HFUS 1 BOU 192200

FROM SPACE-ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 079

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 19 MAR 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. MINOR X-RAY EVENTS BELOW CLASS C-1 THRESHOLDS HAVE CONTINUED EVERY 1-2 HOURS. BACKGROUND 1-8 A X-RAY FLUX IS NOW ABOUT  $1\text{E-8}$  WATTS PER METER SQUARED, DOWN SLIGHTLY FROM YESTERDAY. NO FURTHER SIGNIFICANT GROWTH HAS BEEN NOTED IN REGION 688 (N05W06). THE REGION HAS PROBABLY REACHED MAXIMUM DEVELOPMENT AND WILL NOW SLOWLY DECAY. ONLY MINOR GROWTH HAS OCCURRED IN THE VERY SMALL REGION 689 (S04W00).

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW. NO FURTHER DEVELOPMENT IS PROBABLE IN REGION 688. THERE IS STILL A SLIGHT CHANCE OF MINOR FLARE ACTIVITY IN THE REGION.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. IT IS EXPECTED TO BE QUIET TO UNSETTLED, TRENDING TOWARD QUIET LATER IN THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 - 22 MAR

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 MAR 83

PREDICTED 20 - 22 MAR 82/82/82

90-DAY MEAN 19 MAR 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 MAR 14

ESTIMATED AFR/AP 19 MAR 11/14

PREDICTED AFR/AP 20 - 22 MAR 10/10 - 05/05 - 05/05

SOLTERWARN

BT