

HFUS 1 BOU 010500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 122A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 01 MAY 1976

IA. SINCE THE 2 BRIGHT FLARE AT 30/2110Z SOLAR ACTIVITY HAS  
BEEN VERY LOW. REGION 700 (S09W48) WHICH PRODUCED THE FLARE  
STILL HAS POTENTIAL FOR MORE FLARE ACTIVITY. THE REGION HAS UNDERGONE  
SOME GROWTH AND DEVELOPMENT. THE REST OF THE DISK IS QUIET.

IB. SOLAR ACTIVITY WILL BE AT A LOW LEVEL WITH CLASS C FLARES  
AND AN OCCASIONAL CLASS M FLARE EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND A MINOR GEOMAGNETIC  
STORM IS EXPECTED DURING THE NEXT 24 HOURS. THE MINOR PROTON  
EVENT HAS BEEN GRADUALLY DECREASING DURING THE PAST 6 HOURS.  
DURING THE FORECAST PERIOD A MAJOR MAGNETIC STORM IS PROBABLE.

III. EVENT PROBABILITIES 01 MAY - 03 MAY

CLASS M 75/60/50

CLASS X 15/10/05

PROTON 10/05/05

PCAF RED

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 APRIL 80

PREDICTED 01-03 MAY 80/81/80

90-DAY MEAN 30 APRIL 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 APRIL 13

ESTIMATED AFR/AP 30 APRIL 11/13

PREDICTED AFR/AP 01-03 MAY 20/20 - 20/20 - 85/100

SOLTERWARN

BT

HFUS 1 BOU 011430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 122B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 01 MAY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. REGION 700 (S09W54) HAS BEEN QUIET WITH SLIGHT DECAY REPORTED BY MOST OBSERVATORIES HOWEVER IT IS STILL MAINTAINING SOME FLARE POTENTIAL. REGION 702 (N04W09) HAS LOST ITS SPOTS AND REMAINS QUIET AND UNIMPRESSIVE AS DOES THE REMAINDER OF THE DISK AND LIMBS.

IB. SOLAR ACTIVITY WILL BE AT A LOW LEVEL WITH OCCASIONAL CLASS C FLARES AND AN OCCASIONAL M-CLASS FLARE EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 8 HOURS. A MINOR GEOMAGNETIC STORM IS EXPECTED TODAY WITH A MAJOR STORM PROBABLE DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01-03 MAY

CLASS M 75/60/50

CLASS X 15/10/05

PROTON 10/05/05

PCAF IN PROGRESS

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 APRIL 80

PREDICTED 01-03 MAY 80/81/80

90-DAY MEAN 30 APRIL 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 APR 13

ESTIMATED AFR/AP 30 APR 11/13

PREDICTED AFR/AP 01-03 MAY 20/20 - 40/50 - 25/30

SOLTERWARN

BT

HFUS 1 BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 122

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 01 MAY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION  
700 (S09W57) HAS BEEN RELATIVELY QUIET AND APPEARS TO BE SLOWLY  
DECAYING. THE REMAINDER OF THE DISK AND LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW WITH AN OCCASIONAL  
C-CLASS EVENT DURING THE FIRST HALF OF THE FORECAST PERIOD.  
PROBABILITY FOR AN M-CLASS OR GREATER EVENT IS LOWER BUT NOT  
NEGLECTIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 24 HOURS.  
A MINOR GEOMAGNETIC STORM IS LIKELY WITHIN THE NEXT 24 HOURS WITH  
ACTIVE TO UNSETTLED CONDITIONS EXPECTED THE REMAINDER OF THE  
FORECAST PERIOD.

III. EVENT PROBABILITIES 02-04 MAY

CLASS M 40/20/10

CLASS X 10/01/01

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 MAY 76

PREDICTED 02-04 MAY 75/74/73

90-DAY MEAN 01 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 APR 10

ESTIMATED AFR/AP 01 MAY 08/08

PREDICTED AFR/AP 02-04 MAY 40/50 - 15/20 - 15/20

SOLTERWARN

BT