

HFUS 3 BOU 280500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 271A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 28 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 898 (N14E43) HAS  
PRODUCED A FEW NON-ENERGETIC SUBFLARES. THE OTHER DISK REGIONS  
HAVE BEEN STABLE AND QUIET. THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL. CLASS C  
ACTIVITY IS EXPECTED AND CLASS M ACTIVITY IS PROBABLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IT IS EXPECTED  
THE FIELD WILL CONTINUE IN AN UNSETTLED CONDITION.

III. EVENT PROBABILITIES 28 SEPTEMBER - 30 SEPTEMBER

CLASS M 40/40/40

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 SEPTEMBER 100

PREDICTED 28-30 SEPTEMBER 99/99/100

90-DAY MEAN 27 SEPTEMBER 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 SEPTEMBER 14

ESTIMATED AFR/AP 27 SEPTEMBER 27/29

PREDICTED AFR/AP 28-30 SEPTEMBER 08/08 - 08/10 - 12/14

SOLTERWARN

BT

HFUS 3 BOU 281500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 271-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 28 SEP 1977

IA. SOLAR ACTIVITY WAS VERY LOW TO LOW DURING THE PAST TEN HOURS.  
TWO NEW SPOT GROUPS, REGIONS 903 (S21E81) AND 904 (N21E94), WERE  
REPORTED, BRINGING THE TOTAL NUMBER OF VISIBLE GROUPS TO SEVEN.  
REGIONS 903 AND 904 PRODUCED SOME SURGE ACTIVITY, BUT ALL OTHER REGIONS  
ARE STABLE OR DECLINING.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW TO VERY LOW DURING THE  
REST OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE PAST  
TEN HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED FOR  
THE REST OF THE ZULU DAY.

III. EVENT PROBABILITIES 28 - 30 SEP

CLASS M 25/15/15

CLASS X 05/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 SEP 100

PREDICTED 28 - 30 SEP 99/100/102

90-DAY MEAN 27 SEP 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 SEP 14

ESTIMATED AFR/AP 27 SEP 27/29

PREDICTED AFR/AP 28 - 30 SEP 08/08 - 08/10 - 12/14

SOLTERWARN

BT

HFUS 1 BOU 282200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 271

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 28 SEPTEMBER 1977

IA. SOLAR ACTIVITY WAS LOW TO VERY LOW DURING THE PAST 24 HOURS.  
REGION 898 (N13E34) PRODUCED SEVERAL SUBFLARES AND CONTINUES  
TO FLUCTUATE TO NEAR FLARE BRIGHTNESS. REGION 902 (N16W25) IS A  
C-TYPE SPOT GROUP WITH OCCASIONAL POINT BRIGHTENINGS AND IS  
GROWING. THE OTHER DISK REGIONS APPEAR TO BE GENERALLY STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW DURING THE  
NEXT 24 HOURS. C-CLASS X-RAY ACTIVITY IS LIKELY WITH POTENTIAL  
FOR M-CLASS ACTIVITY.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED TO ACTIVE DURING THE  
PAST 24 HOURS. UNSETTLED TO OCCASIONALLY ACTIVE CONDITIONS ARE  
EXPECTED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 29 SEPTEMBER - 01 OCTOBER

CLASS M 20/15/15

CLASS X 05/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 SEPTEMBER 100

PREDICTED 29 SEPTEMBER - 01 OCTOBER 100/101/102

90-DAY MEAN 28 SEPTEMBER 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 SEPTEMBER 23

ESTIMATED AFR/AP 28 SEPTEMBER 10/14

PREDICTED AFR/AP 29 SEPTEMBER - 01 OCTOBER 12/15 - 12/12 - 12/12

SOLTERWARN

BT