

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 (S2IE81) AND 904 (N2IE94), 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 UNSETLED TO ACTIVE DURING THE
PAST 24 HOURS. UNSETLED 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