

HFUS 3 BOU 130500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 256A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 13 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
REGION 889 (N10E33) APPEARS TO BE BREAKING UP. THE MAGNETIC COMPLEXITY  
HAS REDUCED. REGION 890 (N18E22) HAS GROWN SLIGHTLY. THE LIMBS  
APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL. THE REGIONS 889 AND  
890 ARE CAPABLE OF ENERGETIC FLARES BUT ONLY MINOR ACTIVITY IS  
EXPECTED DURING THE NEXT 24 HOURS. MAJOR ACTIVITY WILL DEPEND ON  
GROWTH IN BOTH REGIONS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST EIGHT  
HOURS. IT IS EXPECTED THE FIELD WILL REMAIN UNSETTLED DURING THE  
FORECAST PERIOD.

III. EVENT PROBABILITIES 13 SEPTEMBER - 15 SEPTEMBER

CLASS M 85/85/85

CLASS X 35/35/35

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 SEPTEMBER 106

PREDICTED 13-15 SEPTEMBER 108/110/112

90-DAY MEAN 12 SEPTEMBER 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 SEPTEMBER 17

ESTIMATED AFR/AP 12 SEPTEMBER 07/06

PREDICTED AFR/AP 13-15 SEPTEMBER 08/08 - 12/15 - 20/25

SOLTERWARN

HFUS 3 BOU 131500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 256-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 13 SEPT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 8 HOURS. REGION  
889 (N10E27) APPEARS TO BE DECAYING SLIGHTLY AND SOME PLAGE  
FLUCTUATIONS HAVE BEEN OBSERVED. REGION 890 (N18E18) APPEARS TO  
HAVE GROWN. THE REST OF THE DISK/IMB HAS BEEN QUIET.

B. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 8 HOURS.  
ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 13 - 15 SEPT

CLASS M 85/85/85

CLASS X 35/35/35

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 M FLUX

OBSERVED 12 SEPT 106

PREDICTED 13-15 SEPT 108/110/112

90-DAY MEAN 12 SEPT 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 SEPT 17

ESTIMATED AFR/AP 12 SEPT 07/06

PREDICTED AFR/AP 13-15 SEPT 23/25 - 17/50 - 15/25

SOLTERWARN

HFUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 256

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 13 SEPT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 889 (N08 E22) HAS  
SHOWN GROWTH IN THE TRAILER SECTION. REGION 890 (N17E11) IS NOW  
AN E-TYPE SPOT GROUP. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD BE LOW FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TODAY. IT SHOULD REMAIN  
ACTIVE FOR THE NEXT 2 DAYS.

III. EVENT PROBABILITIES 14-16 SEPT

CLASS M 85/85/85

CLASS X 35/35/35

PROTON 20/20/20

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 SEPT 112

PREDICTED 14-15 SEPT 116/119/121

90-DAY MEAN 13 SEPT 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 SEPT 06

ESTIMATED AFR/AP 13 SEPT 27/25

PREDICTED AFR/AP 14-16 SEPT 17/50 - 15/25 - 12/20

SOLTERWARN

BT