

HFUS 3 BOU 180430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 261A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 18 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN MODERATE FOR THE PAST 7 HOURS. REGION  
889 (N08W36) PRODUCED A 1-B FLARE (M-2 X-RAY EVENT) BEGINNING AT  
0015Z AND ENDING AT 0054Z AND OCCURRED NEAR THE LEADER SPOT. BOTH  
REGION 889 AND 890 (N18W45) HAVE DECAYED SOMEWHAT.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW TO MODERATE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 7 HOURS, AND IS  
EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE REST OF THE DAY.

III. EVENT PROBABILITIES 18 SEPTEMBER - 20 SEPTEMBER

CLASS M 70/70/70

CLASS X 30/30/30

PROTON 30/30/30

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEPTEMBER 119

PREDICTED 18-20 SEPTEMBER 124/120/116

90-DAY MEAN 17 SEPTEMBER 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 SEPTEMBER 07

ESTIMATED AFR/AP 17 SEPTEMBER 14/13

PREDICTED AFR/AP 18-20 SEPTEMBER 25/20 - 25/30 - 25/30

SOLTERWARN

HFUS 3 BOU 181500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 261-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 18 SEPT 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THRU THE NIGHT. A SUB-FAINT  
FLARE WAS OBSERVED TO MAX AT 1301Z IN REGION 889 (N08W42) AND  
PRODUCED A C-1 X-RAY EVENT. THE DISK AND LIMBS HAVE PRODUCED LITTLE  
OTHER ACTIVITY AND REGIONS 889 AND 890 (N17W50) HAVE SHOWN SLIGHT  
DECAY.

IB. SOLAR ACTIVITY IS FORECAST TO BE MODERATE.

II. THE GEOMAGNETIC FIELD WAS ACTIVE NEAR 0600Z, OTHERWISE GENERALLY  
QUIET CONDITIONS HAVE BEEN OBSERVED. A FLARE INDUCED MAGNETIC  
DISTURBANCE IS POSSIBLE LATE TODAY OR TOMORROW.

III. EVENT PROBABILITIES 18-20 SEPT

CLASS M 70/70/70

CLASS X 30/30/30

PROTON 30/30/30

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEPT 119

PREDICTED 18-20 SEPT 124/120/115

90-DAY MEAN 17 SEPT 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 SEPT 07

ESTIMATED AFR/AP 17 SEPT 14/13

PREDICTED AFR/AP 18-20 SEPT 11/15 - 25/30 - 25/30

SOLTERWARN

HFUS 1 BOU 182200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 261

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 18 SEPTEMBER 1977

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. REGION 889  
(N08W45) PRODUCED X-RAY EVENTS AS FOLLOW, M2 (0046Z), C1 (1258Z),  
C1 (1822Z), AND A C4 AT 1906Z WITH A C1 SECONDARY MAX AT 1933Z.

IB. SOLAR ACTIVITY WILL BE LOW TO MODERATE.

II. THE GEOMAGNETIC FIELD WAS GENERALLY QUIET. THE MAGNETIC FIELD  
IS EXPECTED TO REMAIN QUIET TO UNSETTLED UNTIL LATE ON THE 19TH  
WHEN DISTURBED CONDITIONS ARE EXPECTED TO BEGIN AND THEN LAST THRU  
THE PERIOD.

III. EVENT PROBABILITIES 19 SEPTEMBER - 21 SEPTEMBER

CLASS M 70/70/70

CLASS X 30/30/30

PROTON 30/30/30

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 SEPTEMBER 119

PREDICTED 19-21 SEPTEMBER 119/115/105

90-DAY MEAN 18 SEPTEMBER 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 SEPTEMBER 11

ESTIMATED AFR/AP 18 SEPTEMBER 06/06

PREDICTED AFR/AP 19-21 SEPTEMBER 14/30 - 30/30 - 30/20

SOLTERWARN

BT