

HFUS 1 BOU 050430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 187A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 05 JULY 1976

IA. A COMPLEX BRIGHT SURGE WAS OBSERVED AT S25W90 AT 2220Z  
ACCOMPANIED BY A LONG-LIVED X-RAY BURST OF C1 INTENSITY. THE  
SOURCE WAS REGION 718. SLOW DECAY CONTINUES IN REGION 720 (N21W14)  
WHERE ONLY TWO TINY SPOTS ARE SEEN.

IB. SOLAR ACTIVITY WILL CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST 12  
HOURS. CONDITIONS WILL CONTINUE UNSETTLED THRU THIS FORECAST  
PERIOD.

III. EVENT PROBABILITIES 05 JULY - 07 JULY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JULY 76

PREDICTED 05-07 JULY 67/67/68

90-DAY MEAN 04 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 JULY 12

ESTIMATED AFR/AP 04 JULY 11/15

PREDICTED AFR/AP 05-07 JULY 10/10 - 10/10 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 051430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 187-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 05 JULY 1976

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 16 HOURS. NO  
FLARES HAVE BEEN REPORTED BUT A BRIGHT SURGE WAS NOTED AT 04/2220Z  
AT (SW25). THIS SURGE APPARENTLY CAME FROM OLD REGION 718 WHICH  
HAD JUST PASSED OVER THE WEST LIMB. REGION 720 (N21W19) HAS DECLINED  
IN THE PAST 16 HOURS AND IS NOW VERY WEAK.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST 16 HOURS.  
THE FIELD IS EXPECTED TO BECOME GRADUALLY QUIETER OVER THE NEXT 72  
HOURS.

III. EVENT PROBABILITIES 05 JULY - 07 JULY 1976

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JULY 67

PREDICTED 05-07 JULY 67/67/68

90-DAY MEAN 07 JULY 72

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 JULY 12

ESTIMATED AFR/AP 04 JULY 11/15

PREDICTED AFR/AP 05-07 JULY 10/10 - 10/10 - 07/07

SOLTERWARN

BT

HFUS 1 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 187

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 05 JULY 76

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS.  
ALTHOUGH NO FLARES HAVE BEEN REPORTED A BRIGHT SURGE WAS NOTED  
AT 04/2220Z AT (SW25) WHERE OLD REGION 718 HAD JUST PASSED OVER  
THE WEST LIMB. REGION 720 (N22W25) IS STILL BARELY VISIBLE ON  
THE SOLAR DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. THE GEOMAGNETIC HAS BEEN MILDLY UNSETTLED DURING THE PAST 24  
HOURS. THE FIELD IS EXPECTED TO BECOME GRADUALLY QUIETER UNTIL  
08 JULY WHEN THE FIELD IS EXPECTED TO BECOME UNSETTLED TO MILDLY  
ACTIVE.

III. EVENT PROBABILITIES 06 JULY - 08 JULY 76

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 JULY 067

PREDICTED 06-08 JULY 067/068/068

90-DAY MEAN 05 JULY 072

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 JULY 11

ESTIMATED AFR/AP 05 JULY 07/10

PREDICTED AFR/AP 06-08 JULY 07/07 - 05/05 - 13/14

SOLTERWARN