

HFUS 1 BOU 180450  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.  
SDF NUMBER 261A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 18 SEPTEMBER 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS WITH NO FLARES REPORTED. REGION 649 (N09E01) CONTINUES TO GROW SLOWLY, PARTICULARLY IN WHITE LIGHT, BUT REMAINS A SIMPLE BIPOLAR GROUP.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY UNSETTLED DURING THE PAST 8 HOURS. THE FIELD IS EXPECTED TO BECOME MILDLY ACTIVE EARLY IN THE PERIOD WITH ACTIVITY DIMINISHING TO UNSETTLED LEVELS AT THE END OF THE PERIOD.

III. EVENT PROBABILITIES 18 SEPTEMBER - 20 SEPTEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEPT 74

PREDICTED 18 SEPT - 20 SEPT 75/75/75

90-DAY MEAN 17 SEPT 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 SEPT 05

ESTIMATED AFR/AP 17 SEPT 11/11

PREDICTED AFR/AP 18 SEPT - 20 SEPT 15/15 - 17/17 - 10/11

SOLTERWARN

BT

HFUS 1 BOU 181430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 261 B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 18 SEPT 1975.

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST NINE HOURS, AND NO SIGNIFICANT ENERGETIC ACTIVITY HAS BEEN REPORTED. REGION 649 (N09W04) HAS CONTINUED TO DEVELOP SLOWLY BUT REMAINS STRUCTURALLY SIMPLE. OTHER REGIONS ARE UNIMPRESSIVE.  
IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE.  
II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET AT BOULDER DURING THE PAST NINE HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED DURING THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 18-20 SEPT

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 17 SEPT 74

PREDICTED 18-20 SEPT 75/75/75

90-DAY MEAN 17 SEPT 83

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 16 SEPT 05

ESTIMATED AFR/AP 17 SEPT 11/11

PREDICTED AFR/AP 18-20 SEPT 12/13 - 11/12 - 10/11

SOLTERWARN

BT

GEOALERT WWA261 180300  
91217 10301 20740 30110 40010  
37708 00000 10309 00000  
80618 77773 37708 QUIET 10309 QUIET  
SOLQUIET MAGALERT MINOR 18/19  
FIN  
SOLTERWARN

HFUS 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 SEPT 75

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS. REGION 649 (N09W08) HAS DEVELOPED IN WHITE LIGHT AND H-ALPHA AND NOW CONTAINS A SMALL SPOT GROUP ACCCOMPANIED BY ENHANCED PLAGE. AT 18/1419Z THE MOUNT WILSON OBSERVATORY OBSERVED A WEAK DELTA CONFIGURATION FORMED BY A SMALL UMBRA OF LEADING POLARITY LOCATED WITHIN THE PENUMBRA OF THE EASTERN, PREDOMINANTLY-TRAILING-POLARITY SPOT OF REGION 649.

THERE IS SOME DOUBT ABOUT WHETHER THIS DELTA CONFIGURATION STILL EXISTS.

IB. A VERY LOW LEVEL OF SOLAR ACTIVITY IS EXPECTED TO CONTINUE THROUGH THE FORECAST PERIOD. REGION 649 PRESENTLY DOES NOT APPEAR TO BE DEVELOPING SUFFICIENT COMPLEXITY FOR PRODUCING SIGNIFICANT ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO ACTIVE DURING THE PAST 24 HOURS. GENERALLY UNSETLED CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19-21 SEPT  
CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 18 SEPT 76  
PREDICTED 19-21 SEPT 75/75/75  
90-DAY MEAN 18 SEPT 83

V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 17 SEPT 10  
ESTIMATED AFR/AP 18 SEPT 11/13  
PREDICTED AFR/AP 19-21 SEPT 12/12 - 10/11 - 08/08.  
SOLTERWARN  
BT