

HFUS 1 BOU 200500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 171A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 20 JUNE 1975  
IA. SOLAR ACTIVITY HAS REMAINED VERY LOW. THE SOLAR DISK IS  
PRACTICALLY FEATURELESS.  
IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.  
II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETLED FOR THE PAST 6  
HOURS. THE FIELD IS EXPECTED TO BE MILDLY UNSETLED, BECOMING  
SLIGHTLY ACTIVE DURING THE LATTER HALF OF THE FORECAST PERIOD.  
III. EVENT PROBABILITIES 20 JUNE - 22 JUNE 1975  
CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 19 JUNE 69  
PREDICTED 20-22 JUNE 68/67/67  
90-DAY MEAN 19 JUNE 70  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 18 JUNE 12  
ESTIMATED AFR/AP 19 JUNE 09/17  
PREDICTED AFR/AP 20-22 JUNE 07/08 - 12/14 - 16/17  
SOLTERWARN  
BT

HFUS 1 BOU 201430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO  
SDF NUMBER 171B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 20 JUNE 1975  
IA. SOLAR ACTIVITY INCREASED SLIGHTLY 0700 - 1300Z WITH FREQUENT SURGES DEVELOPING IN REGION 602 (S08W90) WHICH FORMED YESTERDAY ON THE DISK. A MOUND PROMINENCE SUBTENDS FIVE DEGREES ALONG THE LIMB. X-RAY BURSTS NEAR C1 LEVEL ACCOMPANIED SURGES AT 0900Z, 1020Z AND 1220Z. THE SOLAR DISK IS NEARLY FEATURELESS.  
IB. ADDITIONAL SURGES AND CLASS - C X-RAY EVENTS MAY OCCUR DURING THE NEXT 24 HOURS. NO FURTHER ACTIVITY IS EXPECTED.  
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. UNSETTLED CONDITIONS ARE EXPECTED TONIGHT INCREASING TO SLIGHTLY ACTIVE BY THE END OF THE FORECAST PERIOD.  
III. EVENT PROBABILITIES 20 - 22 JUNE 1975  
CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 19 JUNE 69  
PREDICTED 20 - 22 JUNE 68/67/67  
90-DAY MEAN 19 JUNE 70  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 18 JUNE 13  
ESTIMATED AFR/AP 19 JUNE 09/17  
PREDICTED AFR/AP 20 - 22 JUNE 07/08 - 12/14 - 16/17  
SOLTERWARN  
BT

GEOALERT WWA171 200300  
91219 10130 20690 30090 49670 49006 00000  
80620 77773 49006 QUIET  
SOLQUIET MAGQUIET  
FIN  
SOLTERWARN

HFUS 1 BOU 202200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 171  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 20 JUNE 1975  
IA. MINOR SOLAR ACTIVITY HAS OCCURRED SINCE 0700Z WITH NUMEROUS SURGES FROM REGION 602 (S10W90). THIS REGION FORMED YESTERDAY ON THE SOLAR DISK. IT EXHIBITED SUNSPOTS PRIOR TO WEST LIMB PASSAGE AND SUBTENDED FIVE DEGREES OF LATITUDE. X-RAY BURSTS HAVE INCREASED IN INTENSITY AND HARDNESS OF SPECTRUM WITH EACH SUCCESSIVE EVENT. THE STRONGEST BURST WAS CLASS C2 AT 1924Z.  
IB. WEST LIMB PASSAGE OF REGION 602 SHOULD TERMINATE FLARE ACTIVITY WITHIN 12 HOURS.  
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. UNSETLED CONDITIONS ARE EXPECTED WITHIN THE NEXT 12 HOURS INCREASING TO ACTIVE CONDITIONS WITHIN 36 HOURS. THIS ACTIVITY IS EXPECTED TO BE SHORT-LIVED.  
III. EVENT PROBABILITIES 21 - 23 JUNE 1975  
CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 20 JUNE 70  
PREDICTED 21-23 JUNE 68/67/66  
90-DAY MEAN 20 JUNE 70  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 19 JUNE 11  
ESTIMATED AFR/AP 20 JUNE 06/07  
PREDICTED AFR/AP 21-23 JUNE 12/14 - 16/17 - 10/12  
SOLTERWARN  
BT