

HFUS 1 BOU 031300

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 184A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 1300Z 03 JUL 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
02/1200Z TO 03/1200Z: SOLAR ACTIVITY HAS BEEN LOW. THE DROUGHT  
OF X-RAY BURSTS WAS BROKEN AT 0742Z WITH A C8 EVENT. MINOR  
CENTIMETRIC RADIO BURSTS OCCURRED WITH THIS EVENT AND ALSO A  
MINOR LOOP STRUCTURE WAS OBSERVED AT SE12. NO SPOTS OR PLAGE  
HAVE BEEN REPORTED YET AT THIS LOCATION BUT THE REGION IS  
PRESUMED TO BE NEAR THE LIMB. THE DISK REGIONS REMAIN SIMPLE IN  
STRUCTURE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
BECOME MODERATE. BECAUSE OF THE ANTICIPATED ARRIVAL OF AN  
ACTIVE REGION, THE CLASS M PROBABILITY AND TEN CM FORECASTS  
HAVE BEEN RAISED.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS  
BEEN UNSETTLED. THESE CONDITIONS ARE EXPECTED TO PREVAIL  
THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 04 JUL-06 JUL

CLASS M 50/70/70

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JUL 103

ESTIMATED 03 JUL 107

PREDICTED 04 JUL-06 JUL 117/129/141

90 DAY MEAN 02 JUL 159

V. GEOMAGNETIC A INDICES

OBSERVED AFR 01 JUL 016 AP 02 JUL 016

ESTIMATED AFR 02 JUL 013 AFR/AP 03 JUL 010/015

PREDICTED AFR/AP 04 JUL-06 JUL 012/015-010/010-010/010

SOLTERWARN

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HFUS 3 BOU 032200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 184B  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 03 JUL 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
03/1200Z TO 03/2100Z: SOLAR ACTIVITY HAS BEEN LOW. C CLASS  
EVENTS HAVE OCCURRED FROM A REGION THAT IS ROTATING ONTO THE  
DISK AT SE 18. NO OTHER REGION HAS PRODUCED SIGNIFICANT  
ACTIVITY. NO NEW REGIONS WERE NUMBERED THIS PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD BE LOW WITH  
ANY POSSIBLE MODERATE ACTIVITY COMING FROM THE REGION AT SE 18.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS  
BEEN UNSETTLED AND SHOULD REMAIN SO THROUGHOUT THE FORECAST  
PERIOD.

III. EVENT PROBABILITIES 04 JUL-06 JUL

CLASS M 50/70/70

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JUL 106

PREDICTED 04 JUL-06 JUL 117/129/141

90 DAY MEAN 03 JUL 159

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 JUL 011/016

ESTIMATED AFR/AP 03 JUL 009/015

PREDICTED AFR/AP 04 JUL-06 JUL 012/015-010/010-010/010

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