

HFUS 1 BOU 071300  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 127A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 1300Z 07 MAY 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
06/1200Z TO 07/1200Z: SOLAR ACTIVITY HAS BEEN LOW. REGION 3717  
(S05E04) REMAINS THE MOST INTERESTING REGION ON THE DISK AND  
HAS PRODUCED THE ONLY FLARES IN THE PAST 24 HOURS. THE LARGEST  
FLARE WAS A C5/SB AT 07/0924Z. THE REGION HAS BEEN GROWING  
RAPIDLY FOR THE PAST 2 DAYS AND DEVELOPED A SLIGHTLY COMPLEX  
SPOT GROUP ON 6 MAY. IN THE LAST 12 HOURS THE REGION HAS  
DECREASED ITS RATE OF GROWTH AND RETURNED TO A SIMPLE  
STRUCTURE. MINOR GROWTH IS ALSO REPORTED IN VERY SMALL REGION  
3721 (S08E53). ALL OTHER REGIONS ARE STABLE OR DECLINING.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN LOW WITH AN ISOLATED M CLASS EVENT POSSIBLE FROM REGION  
3717 AS IT CONTINUES TO DEVELOP.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS  
BEEN QUIET. UNSETTLED TO QUIET CONDITIONS ARE EXPECTED DURING  
THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08 MAY-10 MAY

CLASS M	35/35/35
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	06 MAY	150
ESTIMATED	07 MAY	151
PREDICTED	08 MAY-10 MAY	153/155/155
90 DAY MEAN	06 MAY	139

V. GEOMAGNETIC A INDICES

OBSERVED AFR	05 MAY	016	AP 06 MAY	008
ESTIMATED AFR	06 MAY	008	AFR/AP 07 MAY	007/010
PREDICTED AFR/AP	08 MAY-10 MAY	012/015-010/015-010/010		

SOLTERWARN

BT

HFUS 3 BOU 072200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 127B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 07 MAY 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
07/1200Z TO 07/2100Z: SOLAR ACTIVITY HAS BEEN LOW. NO EVENTS  
WERE REPORTED THIS PERIOD. REGION 3717(S05W04) APPEARED TO  
STABILIZE IN THE EARLY HOURS OF 07 MAY AND FROM RECENT REPORTS,  
MAY HAVE BEGUN TO DECLINE. REGION 3724 (S21E26), AN A CLASS  
GROUP, WAS NUMBERED TODAY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN LOW. SOME ACTIVITY MAY OCCUR DURING THE DECAY OF REGION  
3717 WHICH APPEARS IN PROGRESS.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS  
BEEN QUIET. IT IS EXPECTED TO REMAIN AT OR NEAR QUIET LEVELS  
FOR THE PERIOD.

III. EVENT PROBABILITIES 08 MAY-10 MAY

CLASS M 35/35/35

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MAY 148

PREDICTED 08 MAY-10 MAY 148/146/142

90 DAY MEAN 07 MAY 187

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 06 MAY 007/008

ESTIMATED AFR/AP 07 MAY 007/008

PREDICTED AFR/AP 08 MAY-10 MAY 008/015-006/015-006/010

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HXUS BOU 072200

PREDM 03508 03509 03510

PREDX 00108 00109 00110

PREDP 00108 00109 00110

PCAFT 00108

TENCM 14808 14609 14210

AFRED 00808 00609 00610

AFAPF 01508 01509 01010

BT