

HFUS 1 BOU 081300  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 128A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 1300Z 08 MAY 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
07/1200Z TO 08/1200Z: SOLAR ACTIVITY HAS BEEN LOW. THE ONLY  
ACTIVITY REPORTED HAS BEEN VERY SMALL SUBFLARES IN REGION 3717  
(S05W10). THIS REGION HAS BEGUN TO DECLINE IN SPOT AREA AND  
COMPLEXITY. TWO SMALL NEW REGIONS DEVELOPED ON THE DISK -  
REGION 3724 (S2E20) AND 3725 (S45E24). ALL OTHER REGIONS ARE  
STABLE OR DECLINING.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN LOW WITH A CHANCE OF AN ISOLATED M-CLASS FLARE FROM  
REGION 3717 AS IT DECAYS.

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

III. EVENT PROBABILITIES 09 MAY-11 MAY

CLASS M 35/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MAY 148

ESTIMATED 08 MAY 148

PREDICTED 09 MAY-11 MAY 146/142/140

90 DAY MEAN 07 MAY 187

V. GEOMAGNETIC A INDICES

OBSERVED AFR 06 MAY 007 AP 07 MAY 007

ESTIMATED AFR 07 MAY 007 AFR/AP 08 MAY 007/010

PREDICTED AFR/AP 09 MAY-11 MAY 006/010-006/010-010/010

SOLTERWARN

BT

HFUS 3 BOU 082200  
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO  
SDF NUMBER 128B  
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.  
ISSUED 2200Z 08 MAY 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM  
08/1200Z TO 08/2100Z: SOLAR ACTIVITY HAS BEEN LOW. IT HAS  
CONSISTED OF A C1/0F FLARE FROM REGION 3717(S05W17) AT  
08/1833Z. REORGANIZATION IS EVIDENT IN THE REGION AND  
ADDITIONAL LOW LEVEL ACTIVITY IS LIKELY. REGION 3726(S04E02) A  
SINGLE SPOT, A CLASS REGION, WAS NUMBERED TODAY. RETURNING  
REGIONS EXPECTED DID NOT PRODUCE SIGNIFICANTLY LAST ROTATION.  
IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO  
REMAIN LOW. REGION 3717 APPEARS TO BE THE ONLY SIGNIFICANT  
REGION VISIBLE.

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

III. EVENT PROBABILITIES 09 MAY-11 MAY  
CLASS M 35/30/30  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX  
OBSERVED 08 MAY 148  
PREDICTED 09 MAY-11 MAY 146/142/140  
90 DAY MEAN 08 MAY 186

V. GEOMAGNETIC A INDICES  
OBSERVED AFR/AP 07 MAY 004/007  
ESTIMATED AFR/AP 08 MAY 006/007  
PREDICTED AFR/AP 09 MAY-11 MAY 006/010-006/010-010/010  
SOLTERWARN  
BT

HXUS BOU 082200  
PREDM 03509 03010 03011  
PREDX 00109 00110 00111  
PREDP 00109 00110 00111  
PCAFT 00109  
TENCM 14609 14210 14011  
AFRED 00609 00610 01011  
AFAPF 01009 01010 01011  
BT