

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