

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

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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