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HF US 1 BOU 291300

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 180A

JO INT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 29 JUN 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
28/1200Z TO 29/1200Z: SOLAR ACTIVITY HAS BEEN LOW. THE ONLY
EVENT OF SIGNIFICANCE WAS A C2/1F FLARE FROM 3782 (N16W75)
WHICH WAS ACCCOMPANIED BY A SPRAY/SURGE. ALL OTHER DISK REGIONS
ARE SMALL AND SIMPLE. THE AREA WHICH YESTERDAY APPEARED TO BE
THE ACTIVE RETURN OF OLD REGION 3763 IS BEGINNING TO ROTATE
OVER THE LIMB AS A SMALL PLAGE. SMALL NEW REGION 3793 (S13E19)
EMERGED DURING THE PERIOD.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE
LOW. SINCE 3763 FAILED TO RETURN ACTIVE, SOLAR ACTIVITY SHOULD
CONTINUE LOW FOR AN EXTENDED PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS
BEEN ACTIVE TRENDING TOWARD UNSETTLED. UNSETTLED CONDITIONS
SHOULD CONTINUE FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 JUN-02 JUL

CLASS M 30/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 JUN 119

ESTIMATED 29 JUN 115

PREDICTED 30 JUN-02 JUL 117/120/123

90 DAY MEAN 28 JUN 162

V. GEOMAGNETIC A INDICES

OBSERVED AFR 27 JUN 0215 AP 28 JUN 027

ESTIMATED AFR 28 JUN 015 AFR/AP 29 JUN 012/016

PREDICTED AFR/AP 30 JUN-02 JUL 012/015-010/015-010/015

SOLTERWARN

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HFUS 3 BOU 292200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO
SDF NUMBER 180B
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 JUNE 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 29/1200Z TO 29/2100Z: SOLAR ACTIVITY REMAINS LOW. A SMALL H-TYPE SPOT NEAR (SO9E 77) IS NUMBER 3794 AND IS PROBABLY THE RETURN OF PREVIOUSLY DYNAMIC REGION 3763. ALL THE VISIBLE REGIONS ARE SMALL QUIET AND SIMPLE.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD CONTINUE LOW AS NO REGION APPEARS CAPABLE OF ENERGETIC ACTIVITY.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. THE NEXT 24 TO 48 HOURS SHOULD BE GENERALLY UNSETTLED.

III. EVENT PROBABILITIES 30 JUNE - 02 JULY

CLASS M	30/20/20
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	29 JUNE 108
PREDICTED	30 JUNE - 02 JULY 105/105/105
90-DAY MEAN	29 JUNE 161

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP	28 JUNE 22/27
ESTIMATED AFR/AP	29 JUNE 13/16
PREDICTED AFR/AP	30 JUNE - 02 JULY 12/15 - 10/15 - 10/15

SOLTERWARN
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