

HFUS 1 BOU 131300

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 133A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 1300Z 13 MAY 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
12/1200Z TO 13/1200Z: SOLAR ACTIVITY REMAINS LOW WITH ONLY
OCCASIONAL LOW LEVEL CLASS C/SUBFLARES OCCURRING. LITTLE CHANGE
HAS HAPPENED AND ALL DISK REGIONS ARE SIMPLE MAGNETICALLY.
LEARN MONTH REPORTS REGIONS ROTATING ON TO THE DISK NEAR N03 AND
S26.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS
BEEN SLIGHTLY UNSETTLED. GENERALLY UNSETTLED CONDITIONS ARE
EXPECTED TO PREVAIL THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 14 MAY-16 MAY

CLASS M 20/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAY 130

ESTIMATED 13 MAY 130

PREDICTED 14 MAY-16 MAY 123/130/132

90 DAY MEAN 12 MAY 182

V. GEOMAGNETIC A INDICES

OBSERVED AFR 11 MAY 011 AP 12 MAY 009

ESTIMATED AFR 12 MAY 008 AFR/AP 13 MAY 008/015

PREDICTED AFR/AP 14 MAY-16 MAY 013/015-012/010-012/010

SOLTERWARN

BT

HFUS 3 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 133B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 13 MAY 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 13/1200Z TO 13/2100Z: SOLAR ACTIVITY HAS BEEN LOW FOR THIS PERIOD. ALL ELEVEN REGIONS HAVE ABSTAINED FROM FLARE PRODUCTION. THE NEW REGIONS ON THE DISK ARE 3734 (S18W62), 3735 (S26E67) AND 3736 (N09E65). THESE THREE REGIONS HAVE SIMPLE MAGNETIC AND SPOT STRUCTURES.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW FOR THIS FORECAST PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THIS PERIOD AND IS EXPECTED TO BE UNSETTLED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 14 MAY-16 MAY

CLASS M 10/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 127

PREDICTED 14 MAY-16 MAY 128/130/132

90 DAY MEAN 13 MAY 181

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 12 MAY 007/009

ESTIMATED AFR/AP 13 MAY 008/008

PREDICTED AFR/AP 14 MAY-16 MAY 013/015-012/010-012/010

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HXUS BOU 132200

PREDM 01014 00515 01016

PREDX 00114 00115 00116

PREDP 00114 00115 00116

PCAFT 00114

TENCM 12814 13015 13216

AFRED 01314 01215 01216

AFAPF 01514 01015 01016

BT