

HFUS 35 BOU 04 14 00

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 004A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1200UT 04 JAN 1981

I A. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 03/1200UT
TO 04/1200UT:

SOLAR ACTIVITY REMAINS LOW. OCCASIONAL LOW LEVEL "C" CLASS
ACTIVITY CONTINUES TO BE REPORTED, PRIMARILY FROM 2857 (S08W75)
AND 2866 (N15W85), WHILE THE REST OF THE DISK IS QUIET, A "B"
TYPE SPOT IS REPORTEDLY DEVELOPING NEAR N08E10.

IB. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED. UNSETTLED
CONDITIONS SHOULD CONTINUE.

III. EVENT PROBABILITIES: 05 - 07 JAN

CLASS M 15/15/15

CLASS X 01/01/01

PREDICTED 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 03 JAN 179

ESTIMATED 04 JAN 177

PREDICTED 05 - 07 JAN 175/171/169

50 DAY MEAN 03 JAN 219

V. GEOMAGNETIC INDICES

OBSERVED AFR 02 JAN 07 AP 03 JAN 08

ESTIMATED AFR/AP 04 JAN 12/10

PREDICTED AFR/AP 05 - 07 JAN 12/10 13/12 11/10

SOLTERWARN

BT

HFUS 3 BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 004B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200UT 04 JANUARY 1981

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM

04/1200UT TO 04/2200UT:

SOLAR ACTIVITY REMAINS LOW WITH ONLY LOW C-CLASS XRAY EVENTS BEING OBSERVED. REGION 2873 (N08W39) HAS GROWN SIGNIFICANTLY IN WHITE LIGHT AND IS SHOWING A STRONG ARCH FILAMENT SYSTEM. TWO NEW B-TYPE GROUPS WERE NUMBERED. THEY ARE, 2876 (N12W02) AND 2877 (N08E55).

IB. SOLAR ACTIVITY FORECAST:

SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. GEOPHYSICAL SUMMARY AND FORECAST:

THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETLED. UNSETLED CONDITIONS SHOULD CONTINUE.

III. EVENT PROBABILITIES: 05 - 07 JANUARY

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 FLUX

OBSERVED 04 JAN 173

PREDICTED 05-07 JAN 165/160/160

90 DAY MEAN 04 JAN 218

V. GEOMAGNETIC INDICES

OBSERVED AFR/AP 03 JAN 06/08

ESTIMATED AFR/AP 04 JAN 12/10

PREDICTED AFR/AP 05-07 JAN 12/10 13/12 11/10

SOLIERWARN

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