

HFUS 1 BOU 031300
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 003A

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 1300Z 03 JAN 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
02/1200Z TO 03/1200Z: SOLAR ACTIVITY HAS LOW. ONLY MINOR
FLARES, C2 OR SMALLER, HAVE BEEN REPORTED OVER THE PAST 24
HOURS. REGION 4033 (S13 W90) HAS QUIETLY ROTATED OVER THE WEST
LIMB. RETURNING REGION 4021, NOW NUMBERED 4048 (S17 E74), IS
QUIET AND STABLE. THE ONLY SIGN OF GROWTH BEING REPORTED IS IN
REGION 4046 (S15 E17) AND THAT IS MINOR. A NEW REGION,
NUMBERED 4049 (S05 E80), IS ROTATING ON TO THE DISK ACCOMPANIED
BY SURGE ACTIVITY.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
REMAIN LOW. INFREQUENT SMALL FLARES ARE POSSIBLE FROM THE
RETURNING REGIONS ON THE EAST LIMB.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS
BEEN QUIET TO UNSETTLED AND IS EXPECTED TO REMAIN SO THRU THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 04 JAN-06 JAN

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JAN 136

ESTIMATED 03 JAN 138

PREDICTED 04 JAN-06 JAN 145/150/155

90 DAY MEAN 02 JAN 174

V. GEOMAGNETIC A INDICES

OBSERVED AFR 01 JAN 010 AP 02 JAN 007

ESTIMATED AFR 02 JAN 011 AFR/AP 03 JAN 007/009

PREDICTED AFR/AP 04 JAN-06 JAN 010/015-010/015-007/015

SOLTERWARN

BT

HFUS 3 BOU 032200
FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 003B
JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 03 JAN 1983

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
03/1200Z TO 03/2100Z: SOLAR ACTIVITY HAS BEEN LOW. REGION 4046
(S15E15) CONTINUES TO GROW SLOWLY BUT IT IS STILL RELATIVELY
SMALL WITH A SPOT GROUP OF CLASS/AREA D/70. ALL OTHER REGIONS
ARE STABLE OR DECLINING.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN LOW
WITH ONLY INFREQUENT SMALL FLARES EXPECTED FROM THE REGIONS
CURRENTLY ON THE DISK.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS
BEEN UNSETTLED TO SLIGHTLY ACTIVE. UNSETTLED TO QUIET
CONDITIONS ARE EXPECTED THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 04 JAN-06 JAN

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JAN 141

PREDICTED 04 JAN-06 JAN 148/154/158

90 DAY MEAN 03 JAN 174

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 02 JAN 008/007

ESTIMATED AFR/AP 03 JAN 012/012

PREDICTED AFR/AP 04 JAN-06 JAN 010/015-010/015-007/015

SOLTERWARN

BT