

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 BEEN 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 ACCCOMPANIED 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/77. 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