

HFUS 1 BOU 1422 00

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 073

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 MARCH 1979

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. THE
LARGEST EVENT WAS A C1/IF FLARE FROM REGION 1633 (S25W06) WHICH
MAXED AT 2012 UT. OTHER SUBFLARES OCCURRED IN REGIONS 1605 (S12W90)
1621 (N09E29), AND 1633. THREE NEW REGIONS WERE NUMBERED. THEY ARE
1636 (N15E02), 1637 (S15E66), AND 1638 (N06E78). NUMBER 1635 HAS
BEEN SKIPPED IN THE NUMBERING SEQUENCE. REGIONS 1636 AND 1638 ARE
PRESENTLY H-TYPE SPOTS, AND REGION 1637 IS A D TYPE BETA GROUP.

IB. SOLAR ACTIVITY SHOULD CONTINUE TO BE LOW DESPITE THE LARGE
NUMBER (EIGHTEEN) OF SPOTTED REGIONS ON THE VISIBLE DISK. REGION
1633 SHOWS THE MOST PROMISE FOR FUTURE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.
GEOMAGNETIC ACTIVITY IS EXPECTED TO REMAIN AT VERY LOW LEVELS
THROUGHOUT THE FORECAST PERIOD. FLARE-INDUCED GEOMAGNETIC ACTIVITY
IS POSSIBLE BUT UNLIKELY.

III. EVENT PROBABILITIES 15 MARCH - 17 MARCH

CLASS M 30/30/30

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MARCH 189

PREDICTED 15 - 17 MARCH 190/190/190

90-DAY MEAN 14 MARCH 194

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MARCH 06

ESTIMATED AFR/AP 14 MARCH 05/04

PREDICTED AFR/AP 15 - 17 MARCH 05/05 - 05/05 - 05/05

SOLTERWAR N

BT