

150-20

HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 061

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 MARCH 1979

IA. SOLAR ACTIVITY HAS BEEN MODERATE FOR THE PAST 24 HOURS.
AN M3/SF FLARE OCCURRED AT 0340 UT (MAXIMUM) FROM REGION 1591
(S21W15). C-CLASS SUBFLARES ORIGINATED FROM REGIONS 1599 (S21E41),
1595 (S34W45). A NEW REGION WHICH WAS TENTATIVELY ASSOCIATED WITH
1601 (N13E65) YESTERDAY, HAS BEEN NUMBERED SEPARATELY AS 1604
(N17E66). REGIONS 1601/1604 ARE IN THE LOCATION OF RETURNING
REGION 1556, WHICH PRODUCED CONSIDERABLE ACTIVITY LAST ROTATION.
NEW REGION 1605 (S15E76) IS A D-TYPE BETA AND IS RETURNING
REGION 1555 WHICH ALSO WAS ACTIVE LAST ROTATION. *Region 1605 is currently showing cclass*

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN MODERATE FOR THE NEXT
24 HOURS. REGIONS 1599 AND 1595 ARE MAGNETICALLY COMPLEX AND
REGIONS 1601, 1604, AND 1605 SHOULD INCREASE THE PROBABILITY OF
OF ENERGETIC EVENTS AS THEY ROTATE ONTO CENTER DISK. *subflare activity*

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE FOR THE
PAST 24 HOURS. THE FIELD SHOULD REMAIN UNSETTLED THROUGHOUT THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 03-05 MARCH

CLASS M 70/75/80

CLASS X 20/25/30

PROTON 05/05/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 MAR 174

PREDICTED 03-05 MAR 178/184/190

90-DAY MEAN 02 MAR 195

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 MARCH 07

ESTIMATED AFR/AP 02 MARCH 14/19

PREDICTED AFR/AP 03-05 MARCH 10/10 - 12/12 - 15/15

SOLTERWARN

BT