

HFUS 1 BDU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 098

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 APRIL 1979

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1681 (N19E49) HAS HAD SEVERAL C-TYPE SUBFLARES. IT IS NOW AN E-TYPE GROUP. REGION 1661 (S24W87) HAS BEEN QUIET EXCEPT FOR A SUBFLARE AT 1525 U.T. (MAX). IT SEEMS STABLE AND REMAINS AN F-TYPE GROUP. THE REMAINING GROUPS HAVE BEEN STABLE. THERE HAS BEEN AN ASR AT 07 WHICH MIGHT BE THE RETURN OF REGION 1638.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW, THOUGH THERE MIGHT BE AN ENERGETIC EVENT FROM EITHER 1661 OR 1681.

II. THE GEOMAGNETIC FIELD WAS ACTIVE DURING THE FIRST PART OF THE DAY AND HAS BEEN UNSETTLED SINCE THEN. CONDITIONS SHOULD REMAIN QUIET TO UNSETTLED FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 09-11 APRIL

CLASS M 50/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 APRIL 173

PREDICTED 09-11 APRIL 170/168/168

90-DAY MEAN 08 APRIL 197

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSPURG 07 APRIL 09

ESTIMATED AFR/AP 08 APRIL 09/09

PREDICTED AFR/AP 09-11 APRIL 08/06 08/08 08/10

SOLTERWAPN

BT