

HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 074

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 MARCH 1980

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 24 HOURS. REGION 2316 (S11W88) HAS SHOWN THE MOST ACTIVITY TODAY WITH SEVEN SUB-FLARES OBSERVED BETWEEN 0000Z AND 1400Z, BUT NONE FROM THIS REGION SINCE THEN. THE LARGEST OF THESE WAS A C2/SN AT 0020Z MAXIMUM. REGION 2326 (S12E06), A SIMPLE B-TYPE SPOT GROUP,

PRODUCED A SUBFAINT FLARE OBSERVED AT 0332Z MAXIMUM. REGION 2324 (S17W17) HAS STABILIZED IN ITS GROWTH SHOWN YESTERDAY AND HAS ONLY PRODUCED ONE SUBFLARE. NO NEW REGIONS WERE NUMBERED TODAY; HOWEVER, REGION 2330 HAS REAPPEARED AS A B-TYPE SPOT GROUP.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THROUGH THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PERTIOD. ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY TO LOW UNSETTLED CONDITIONS FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 15 MARCH - 17 MARCH

CLASS M 10/10/10

CLASS X 01/01/01

PROMPTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MARCH 143

PREDICTED 15-17 MARCH 142/144/147

90-DAY MEAN 14 MARCH 195

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MARCH 06

ESTIMATED AFR/AP 14 MARCH 05/07

PREDICTED AFR/AP 15-17 MARCH 08/10 07/08 10/12

SOLTERWARN

BT