

HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 215

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 02 AUGUST 1980

IA. SOLAR ACTIVITY HAS BEEN LOW. REGIONS 2594 (S34W17), 2596
(N18E09) AND 2588 (S07W59) HAVE PRODUCED OPTICAL FLARES, 2596
TO SUBNORMAL LEVELS. REGIONS 2596 AND 2589 (N30W37) HAVE SHOWN
SOME GROWTH. NEW REGION 2602 (S14E67) WAS NUMBERED TODAY. THE
LARGE PROMINENCE ON THE SOUTH WEST LIMB HAS BEEN SLIGHTLY ACTIVE.

IB. SOLAR ACTIVITY WILL REMAIN LOW WITH POSSIBLE SLIGHT
INCREASES FROM GROWING REGIONS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO
BECOME UNSETTLED TO SLIGHTLY ACTIVE ON 03 AUGUST DUE TO THE
FILAMENT DISAPPEARANCE OF 30 JULY.

III. EVENT PROBABILITIES 03 AUGUST - 05 AUGUST

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 AUGUST 128

PREDICTED 03-05 AUGUST 130/132/134

90-DAY MEAN 02 AUGUST 200

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 AUGUST 06

ESTIMATED AFR/AP 02 AUGUST 08/08

PREDICTED AFR/AP 03-05 AUGUST 10/12 - 10/12 - 08/10

SOLTERWAR N

BT