

HFUS 1 BOU 112200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 223

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 AUGUST 1979

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. SEVERAL
SMALL C-CLASS FLARES FROM REGION 1915 (N14E26) HAVE BEEN REPORTED.
THE LARGEST WAS A C2/SB AT 1657 UT, A SMALL SHORT WAVE FADE WAS ALSO
REPORTED WITH THIS EVENT. REGION 1909 (S26W09) PRODUCED TWO SF FLARES,
NO X-RAY, AT 0403 UT AND 0454 UT. NEW REGIONS TODAY ARE 1922 (N22E14),
1923 (N32E26) AND 1924 (S17E45) WHICH ARE SIMPLE GROUPS. NEW REGION
1925 (N18E76) IS ONLY AN H-TYPE, HOWEVER ROTATION MAY REVEAL TRAILERS.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE TO MODERATE LEVELS AS
REGION 1915, WHICH IS SHOWING SIGNS OF INTERNAL CHANGE, BECOMES
LESS STABLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS.
THE FIELD IS EXPECTED TO BE SLIGHTLY UNSETTLED DURING THE FORECAST
PERIOD.

III. EVENT PROBABILITIES 12 AUGUST - 14 AUGUST

CLASS M	50/60/70
CLASS X	05/10/15
PROTON	01/05/10
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	11 AUGUST	150
PREDICTED	12-14 AUGUST	150/151/151
30-DAY MEAN	11 AUGUST	167

V. GEOMAGNETIC A INDICES

OBSERVED	FREDERICKSBURG	10 AUGUST	06
ESTIMATED	AFR/AP	11 AUGUST	06/08
PREDICTED	AFR/AP	12-14 AUGUST	09/15 - 09/15 - 08/12

SOLTERWARN
BT