

NFUS 1 BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 256

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 SEPTEMBER 1978.

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1286 (N17E14) HAD A C1/SN FLARE AT 0306Z. REGION 1287 (N37E50) HAD A SUBFLARE AT 1940Z. NEW REGION 1294 (N33E65) IS A C-TYPE GROUP AND HAD A C3/IN FLARE AT 1815Z (MAX), A C2/IN FLARE AT 1958Z (MAX), AND A C3/SN FLARE AT 2106Z (MAX). NEW REGION 1295 (S29E70) IS A D-TYPE GROUP AND HAD A SUBFLARE AT 1810Z. NEW REGION 1293 (N20E43) IS A B-TYPE GROUP. THE REST OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW. THE GROUP OF REGIONS COMING OVER THE NE LIMB, ESPECIALLY 1294, SHOW THE HIGHEST FLARE PROBABILITIES.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. CONDITIONS SHOULD BE UNSETTLED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 14 SEPTEMBER - 16 SEPTEMBER

CLASS M 20/25/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 SEPTEMBER 136

PREDICTED 14-16 SEPTEMBER 138/141/143

90-DAY MEAN 13 SEPTEMBER 136

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 12 SEPTEMBER 13

ESTIMATED AFR/AP 13 SEPTEMBER 06/09

PREDICTED AFR/AP 14-16 SEPTEMBER 11/11 - 09/09 - 08/08

SOLTERWARN

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JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 SEPTEMBER 1979

IA. SOLAR ACTIVITY HAS BEEN LOW TO MODERATE FOR THE PAST 24 HOURS. REGION 1982 (N 08W02) PRODUCED TWO M1-CLASS X-RAY FLARES: (1) OPTICAL SB, MAX TIME 1313Z, AND (2) OPTICAL SB, MAX TIME 2108Z. SMALLER SUBFLARES WERE REPORTED FROM REGIONS 1980 (N16W40), 1981 (N27E26), 1985 (S26E75) AND 1982. REGION 1982 HAS DEVELOPED INTO A BETA-GAMMA-DELTA MAGNETIC CONFIGURATION AND HAS INCREASED IN SPOT NUMBER AND AREA. FOUR SMALL NEW REGIONS WERE REPORTED TODAY, BUT ALL WERE SIMPLE AND QUIET.

IB. SOLAR ACTIVITY SHOULD BE MODERATE TOMORROW. REGION 1982 AND, TO A LESSER EXTENT, REGION 1980 BOTH OFFER HIGH POTENTIAL FOR AN M-CLASS EVENT.

II. THE GEOMAGNETIC FIELD WAS QUIET TODAY BUT SHOULD INCREASE TO UNSETTLED DUE TO A SOLAR CORONAL HOLE PASSAGE.

III. EVENT PROBABILITIES 14 SEPT - 16 SEPT

CLASS M 9/0/9/0/9/0

CLASS X 0/25/0/05

PROTON 0/1/0/1/0/1

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 SEPT 184

PREDICTED 14 - 16 SEPT 186/188/192

90-DAY MEAN 13 SEPT 169

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 13 SEPT 05

ESTIMATED AFR/AP 13 SEPT 06/09

PREDICTED AFR/AP 14 - 16 SEPT 10/15 10/15 10/20

SOLTERWARN

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