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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
OF NUMBER 254

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 10 SEPTEMBER 1980

IA. SOLAR ACTIVITY HAS BEEN LOW, WITH ONLY CLASS C SUBFLARES
REPORTED TODAY. NO SIGNIFICANT CHANGES WERE OBSERVED IN THE
EXISTING REGIONS. FOUR NEW REGIONS WERE NUMBERED. REGION 2670
(N14W82) DEVELOPED A SMALL BRIGHT FLARE BUT NO SPOT GROUP WAS
VISIBLE. IT PRODUCED A LONG SUBBRIGHT FLARE FROM 0726 TO 0933 UT.
REGION 2672 (S09E72) IS ROTATING ONTO THE DISK WITH AN H-TYPE
SPOT GROUP BUT IT DOES NOT APPEAR TO BE ACTIVE. REGIONS 2671
(S17W08) AND 2673 (N08W49) HAVE DEVELOPED SMALL SPOT GROUPS IN
WEAK FLARE STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE FORE-
CAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS.
UNSETTLED CONDITIONS ARE EXPECTED ON 12/13 SEPTEMBER BECAUSE
OF A FILAMENT DISAPPEARANCE ALONG A SECTOR BOUNDARY ON 09
SEPTEMBER.

III. EVENT PROBABILITIES 11 SEPTEMBER - 13 SEPTEMBER

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 SEPTEMBER 186

PREDICTED 11-13 SEPTEMBER 184/180/175

90-DAY MEAN 10 SEPTEMBER 187

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 09 SEPTEMBER 14

ESTIMATED AFR/AP 10 SEPTEMBER 04/09

PREDICTED AFR/AP 11-13 SEPTEMBER 07/09 - 12/12 - 10/12

SOLTERWARN

BT