

# Boulder Forecast

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HFUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 184 ISSUED 2200Z 02 JULY 1972

A. SOLAR DISK ACTIVITY HAS BEEN LIMITED TO CLASS C SUBFLARES AND PLAGE FLUCTUATIONS IN REGION 262 /N08W20/ AND POINT BRIGHTENINGS IN THE SMALL COMPACT PLAGE OF REGION 266 /N14E38/. REGION 262 IS THE MOST SIGNIFICANT FEATURE ON THE DISK. IT IS DEVELOPING SLOWLY. REGION 269 /N08E70/ WHICH CROSSED EAST LIMB YESTERDAY HAS BEEN INACTIVE. SURGES NEAR SE10 INDICATE THAT ANOTHER REGION IS APPROACHING. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL FOR THE NEXT 72 HOURS. SUBFLARES ARE LIKELY FROM REGIONS 262 AND 266. THE GEOMAGNETIC FIELD IS EXPECTED TO BE MILDLY UNSETTLED.

C. EVENT PROBABILITIES 03 JULY/0000Z - 05 JULY/2400Z

CLASS M 30/30/35

CLASS X 01/01/01

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 02 JULY/1700Z 132

PREDICTED 03 - 05 JULY 134 - 136 - 138

E. A-FREDERICKSBURG

OBSERVED 01 JULY 04

ESTIMATED 20 JULY 05

PREDICTED 03 - 05 JULY 10 - 10 - 08

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