

Boulder FORECAST

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KBOU

HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 183 ISSUED 2200Z 01 JULY 1972

A. SOLAR ACTIVITY HAS BEEN CONFINED TO NON-ENERGETIC SUBFLARES AND EAST LIMB ACTIVITY. REGION 262/N08W07/ HAS BEEN RELATIVELY STABLE BUT THE PRESENCE OF ARCH FILAMENTS INDICATE THAT NEW FIELDS MUST BE EMERGING WITHIN THE REGION. REGION 266/N14E51/ MAY BE GROWING SLOWLY. OTHER REGIONS HAVE BEEN STABLE OR DECLINING. AN H-TYPE SPOT FOLLOWED BY MODERATELY BRIGHT PLAGE, REGION 269, IS CROSSING THE EAST LIMB NEAR N08. MINOR SURGES HAVE BEEN OBSERVED FROM 269. AN ERUPTIVE PROMINENCE WITHOUT OTHER EFFECTS WAS OBSERVED NEAR SE10 AT 01/1300-1400Z. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. THE NUMBER OF FLARES IS EXPECTED TO REMAIN LOW FOR THE NEXT 72 HOURS. THE PROBABILITY OF AN ENERGETIC EVENT WILL INCREASE IF DEVELOPMENT CONTINUES IN REGION 262. THE GEOMAGNETIC FIELD SHOULD BE QUIET.

C. EVENT PROBABILITIES 02 JULY/0000 - 04 JULY/2400Z

CLASS M 30/35/35

CLASS X 01/02/02

PROTON 01/01/01

D. OTTAWA 10.7 CM FLUX

OBSERVED 01/1700Z 129

PREDICTED 02 - 04 JULY 132 - 134 - 134

E. A-FREDERICKSBURG

OBSERVED 30 JUNE 03

ESTIMATED 01 JULY 05

PREDICTED 02 - 04 JULY 11 - 12 - 08

SOLTERWARN

SPAN

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