

BOULDER FORECAST

NNNN

KBOU

HFUS BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 182 ISSUED 2200Z 30 JUNE 1972

A. SOLAR ACTIVITY HAS DECREASED SOMEWHAT DURING THE PAST 24 HOURS, WITH ONLY SUB-FAINT AND SUB-NORMAL FLARES BELOW X-RAY C-CLASS REPORTED. MOST OF THIS ACTIVITY HAS BEEN FROM REGION 262 /N08E07/, WHICH STILL SHOWS ARCH FILAMENTS, SPOT GROWTH, AND PLAGE DEVELOPMENT. REGION 264 /N06E13/ HAS SHOWN SLIGHT GROWTH AND HAS DEVELOPED ARCH FILAMENTS. NEW REGIONS 266 /N14E63/ AND 267 /S03E18/ SHOULD BE NOTED. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. ACTIVITY IS EXPECTED TO REMAIN GENERALLY LOW. BOTH REGIONS 262 AND 256 /N10W56/ APPEAR ASSOCIATED WITH SECTOR BOUNDARIES, AND SHOULD EITHER ONE DEVELOP MAGNETIC CLASS DELTA CHARACTERISTICS ENERGETIC ACTIVITY COULD BE EXPECTED. A SECTOR BOUNDARY PASSAGE IS ANTICIPATED DURING THE FORECAST PERIOD AND AT THAT TIME THE GEOMAGNETIC FIELD WILL BECOME UNSETTLED.

C. EVENT PROBABILITIES 01 JULY/0000Z-03 JULY/2400Z

CLASS M 30/30/25

CLASS X 05/05/03

PROTON 05/05/05

D. OTTAWA 10.7 CM FLUX

OBSERVED 30 JUNE/1700Z 130

PREDICTED 01 JULY-03 JULY 133-130-128

E. A-FREDERICKSBURG

OBSERVED 29 JUNE 11

ESTIMATED 30 JUNE 06

PREDICTED 01 JULY-03 JULY 012-012-008

SOLTERWARN

SPAN2

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