

# BOULDER

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## FORECAST

HXUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 180 ISSUED 2200Z JUN 28 1972

A. SOLAR ACTIVITY IN THE PAST 24 HOURS HAS BEEN LOW, WITH ONLY TWO FLARES REACHING SUB-NORMAL LEVELS. REGIONS 256 (N10W29) AND 262 (N08E33) HAVE SHOWN ARCH FILAMENT STRUCTURE AND NEUTRAL LINE STRENGTHENING. NEW REGIONS 264 (N05E40) SHOWS RAPID DEVELOPMENT, AND PRODUCED ONE OF THE SUB-NORMALS. THE GEOMAGNETIC FIELD, AFTER BECOMING UNSETTLED 28/0600Z TO 28/1500Z IS NOW MILDLY UNSETTLED.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN GENERALLY LOW, HOWEVER REGIONS 256 AND 262 STILL HOLD X-RAY CLASS C FLARE POTENTIAL. REGION 264 SEEMS INTENSE, AND THOUGH THE REGION IS YOUNG SEEMS CAPABLE OF FUTURE ENERGETIC ACTIVITY. THE GEOMAGNETIC FIELD IS EXPECTED TO BE MILDLY UNSETTLED TO UNSETTLED.

C. EVENT PROBABILITIES 29 JUN/0000Z - 01 JULY/2400Z

CLASS M 25/25/30

CLASS X 03/03/05

PROTON 03/05/05

D. OTTAWA 10.7CM FLUX

OBSERVED 28 JUN/1700Z 123.1

PREDICTED 29 JUN - 01 JULY 125 - 128 - 130

E. A-FREDERICKSBURG

OBSERVED 27 JUN 014

ESTIMATED 28 JUN 015

PREDICTED 29 JUN - 01 JULY 013 - 012 - 010

SOLTERWARN

SPAN2

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