

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 178 ISSUED 2200Z 26 JUNE 1972

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL, WITH ONLY SIX SUBFLARES BEING REPORTED DURING THE LAST 24 HOURS. FIVE OF THESE FLARES WERE FROM REGION 256 /N09W02/, WHICH HAS SEVERAL BENDS AND AN ACTIVE FILAMENT ON ITS RATHER COMPLEX NEUTRAL LINE. ALL OTHER REGIONS APPEAR STABLE. AN ACTIVE PROMINENCE AND SURGES UP TO IMPORTANCE 3 HAVE BEEN REPORTED BETWEEN SE06 AND SE19 AND ARE UNDOUBTEDLY DUE TO RETURNING REGIONS 222 AND/OR 217. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. ALTHOUGH NO ENERGETIC EVENTS HAVE BEEN DETECTED THE LAST 24 HOURS, THE 256/257/261 COMPLEX WILL REMAIN CAPABLE OF SUCH ACTIVITY FOR THE NEXT 72 HOURS. THE NEUTRAL LINE IN REGION 245 /N10W77/ APPEARS TO BE SWINGING BACK TO A N-S ORIENTATION AND MAY TIGHTEN GRADIENTS ENOUGH TO PRODUCE ENERGETIC ACTIVITY. THE GEOMAGNETIC FIELD IS EXPECTED TO STABILIZE.

C. EVENT PROBABILITIES 27 JUNE/0000Z-29 JUNE/2400Z

CLASS M 65/55/55

CLASS X 10/05/05

PROTON 05/05/05

D. OTTAWA 10.7 CM FLUX

OBSERVED 26 JUNE/1700Z 117

PREDICTED 27-29 JUNE 117-117-119

E. A-FREDERICKSBURG

OBSERVED 25 JUNE 006

ESTIMATED 26 JUNE 008

PREDICTED 27-29 JUNE 007-006-006

SOLTERWARN

BOULDER FORECAST

NNNN

KBOU

HFUS BOU 262200

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