

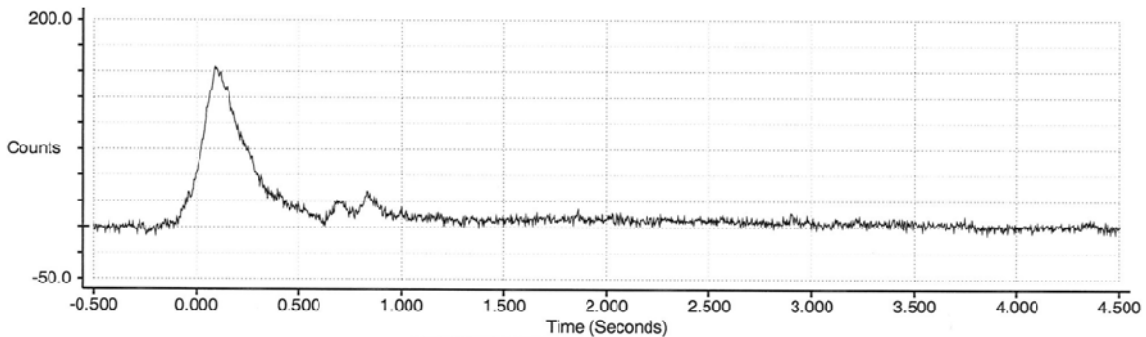
Bolide Detection Notification: 2008-205

At 14:45:25 UT on 23 July 2008, sensors aboard U. S. Government satellites recorded the flash signature of a large meteoroid entry into the atmosphere. Location of the flash was 38.6 N, 68.0 E.

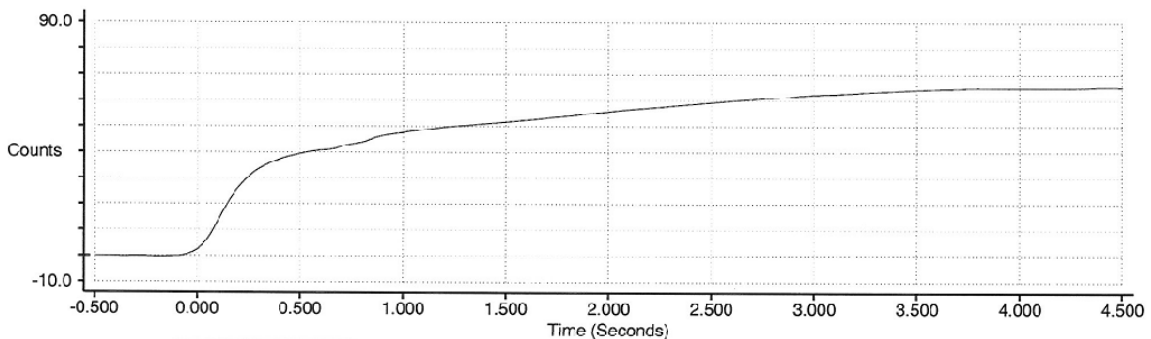
Based upon the visible-light intensity-time signature, peak brightness of the flash was determined to be approximately $3.6E10$ watts/steradian, and total radiated flash energy $1.87E11$ joules (6000K blackbody model).

Intensity-time signature of the event and integrated intensity are depicted on the plots below. On the intensity-time plot, one count on vertical axis corresponds to $2.35E8$ watts/steradian. On the integrated intensity plot, one count represents $2.96E9$ joules radiated energy.

Intensity vs. Time



Integrated Intensity



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