

Millman Fireball Archive data: Sound generating fireball data.
US fireball reports.

This table provides information on the catalog card number and the U.T. time of sound generating fireball events. The type of sound deduced (see key below) is given along with the estimated magnitude, the estimated duration, and the number of bursts or fragments as given on the report card.

Key: A pair of question marks (??) indicates no data available. A single question mark indicates an uncertain result. Simultaneous sounds are indicated with an 'Si', while sonic booms are indicated by an 'So'. An 'S' is used to indicate the presence of associated seismic effects.

Card #	Year	M: day	Time (UT)	Sound	Magnitude	D.(sec.)	Bursts
83/44	1983	Sep. 25	07:24	Si	Venus	2 - 3	6 - 10
71/78	1970	Mar. 21	01:05	Si	-9 Mv	7	1
70/86	1970	Aug. 13	06:52	Si	-10 Mv (burst)	1 - 1.5	1
69/86	1969	Mar. 14	22:27	So	--	--	--
69/101		Aug. 12	04:30	So	> Venus	12 - 15	Many
68/5	1968	Jan. 19	03:22	Si	~ Jupiter	3.3	2
68/59/13		Jul. 03	?:?:?	So	See notes	--	--
68/59/14		Jul. 03	?:?:?	So	--	--	3
68/97		Aug. 20	01:30	So	> Full Moon	5	0
68/90		Aug. 26	01:30	So	--	--	--
68/86		Aug. 27	16:43	So	V. Bright	--	3 - 4
67/58	1967	Jun. 12	01:15	Si	Venus	3	3
66/216	1966	Aug. 12	06:05	So	-3 Mv	1	2
66/153/185		Apr. 26	00:28	Si	-12 Mv	10	--
66/164/82		Sep. 18	?:?:?	So	--	--	--
65/55	1965	Apr. 17	01:20	So	-3 Mv	2	0
65/122		Aug. 05	01:04	So?	Venus	--	--
65/134		Aug. 14	04:20	Si	> Jupiter	--	6
63/45	1963	Jul. 04	05:29	Si	Venus	--	0
62/86	1962	Oct. 03	13:15	Si	Jupiter	--	12

Supplementary notes to table entries:

- 83/44: Belfast, ME. "Hissing?".
- 71/78: Fireball actually seen in 1970. South Decatur, GE. "Crackling noise".
- 70/86: Minneapolis, MN. "Dull pumph sound immed[iately] foll[owing] flash".
- 69/86: Northport, NY. "Detonation – loud".
- 69/101: Ohio. "Low drawn out rumble".
- 68/5: Ridgway, PA. "Hissing sound".
- 68/59/13: Middletown, PA. "lit up the countryside.... Double sonic boom".
- 86/59/14: West-central PA. "V. Loud".
- 68/86: Grande Rapids, MI. Daylight fireball. "Sonic boom".
- 68/90: Baxter State Park, NJ. "Low distinct bang 30 sec later".
- 68/97: Baxter State Park, NJ. "Thud heard one minute later".
- 67/58: Ridgway, PA. "Hissing".
- 66/153/185: Holyoke, MA. "Crackling".
- 66/164/82: East Lansing, MI. "State Police said sound [heard] on W. shore of L. Huron 8
– 10 min. after flash".
- 66/216: Sictuate, RI. "Boom or explosion".
- 65/55: Jacksonville, FL. "Possibly 11 min. later, jet-like".
- 65/122: Coldwater, MI. "Sounded like a car passing".
- 65/134: Coldwater, MI. "Like a whizz".
- 63/45: Coldwater, MI. "Like a wiss".
- 62/86: Coldwater, MI. "A sort of whisk like jet".