

Number of Cloud-To-Ground Flashes by State from 1997 to 2011

State	Flashes In 2011	Average Flashes 1997 to 2011	State	Flashes In 2011	Average Flashes 1997 to 2011
Alabama	922,217	826,473	Nebraska	718,731	560,420
Arizona	588,189	648,981	Nevada	105,660	155,564
Arkansas	1,291,667	810,444	New Hampshire	25,676	23,360
California	84,740	85,171	New Jersey	64,377	46,862
Colorado	471,427	517,539	New Mexico	614,898	879,282
Connecticut	22,763	20,386	New York	264,329	222,762
Delaware	15,580	15,943	North Carolina	524,162	532,272
D.C.	877	797	North Dakota	355,849	299,786
Florida	1,077,761	1,414,284	Ohio	740,442	462,664
Georgia	748,782	811,240	Oklahoma	1,071,788	1,055,748
Idaho	63,379	82,761	Oregon	33,764	53,527
Illinois	1,032,983	819,717	Pennsylvania	395,044	312,911
Indiana	594,908	510,110	Rhode Island	1,459	2,540
Iowa	658,436	645,685	South Carolina	484,679	452,904
Kansas	796,848	934,368	South Dakota	458,184	402,136
Kentucky	730,443	550,397	Tennessee	728,843	593,067
Louisiana	743,923	909,919	Texas	1,865,104	2,912,375
Maine	81,002	49,510	Utah	246,108	247,656
Maryland	106,599	89,415	Vermont	47,409	28,111
Massachusetts	28,493	25,556	Virginia	431,618	350,496
Michigan	368,146	300,955	Washington	9,328	20,510
Minnesota	383,272	386,079	West Virginia	262,200	210,139
Mississippi	984,303	875,720	Wisconsin	319,282	303,790
Missouri	1,246,288	1,046,839	Wyoming	244,166	300,919
Montana	335,069	356,911			
			TOTALS	23,391,195	23,165,000

These cloud-to-ground lightning flashes were measured by the National Lightning Detection Network® (NLDN®) over the land area inside state borders. The NLDN does not cover Alaska or Hawaii. The NLDN is owned and operated by Vaisala.

Rank of Cloud-To-Ground Flash Densities by State from 1997 to 2011

State	Flashes Per Year	Flashes Per Square Mile	State	Flashes Per Year	Flashes Per Square Mile
1. Florida	1,414,284	24.7	26. Pennsylvania	312,911	6.9
2. Louisiana	909,919	19.7	27. New Jersey	46,862	6.1
3. Mississippi	875,720	18.4	28. Arizona	648,981	5.7
4. Alabama	826,473	16.0	29. Wisconsin	303,790	5.4
5. Arkansas	810,444	15.2	30. South Dakota	402,136	5.2
6. Oklahoma	1,055,748	15.1	31. Michigan	300,955	5.2
7. Missouri	1,046,839	15.1	32. Colorado	517,539	5.0
8. South Carolina	452,904	14.6	33. New York	222,762	4.6
9. Illinois	819,717	14.6	34. Minnesota	386,079	4.6
10. Tennessee	593,067	14.1	35. North Dakota	299,786	4.3
11. Indiana	510,110	14.1	36. Connecticut	20,386	4.1
12. Georgia	811,249	13.7	37. Massachusetts	25,556	3.2
13. Kentucky	550,397	13.7	38. Wyoming	300,919	3.1
14. D.C.	797	11.7	39. Vermont	28,111	3.0
15. Iowa	645,685	11.4	40. Utah	247,656	2.9
16. Kansas	934,368	11.4	41. New Hampshire	23,360	2.5
17. Ohio	462,664	11.2	42. Montana	356,911	2.4
18. Texas	2,912,375	11.0	43. Rhode Island	2,540	2.4
19. North Carolina	532,272	10.7	44. Maine	49,510	1.5
20. Maryland	89,415	9.0	45. Nevada	155,564	1.4
21. Virginia	350,486	8.7	46. Idaho	82,761	1.0
22. West Virginia	210,139	8.7	47. Oregon	53,527	0.6
23. Delaware	15,943	8.0	48. California	85,171	0.5
24. Nebraska	560,420	7.3	49. Washington	20,510	0.3
25. New Mexico	879,282	7.2			

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