

Number of Cloud-To-Ground Flashes by State from 1997 to 2012

State	Flashes In 2012	Average Flashes 1997 to 2012	State	Flashes In 2012	Average Flashes 1997 to 2012
Alabama	744,752	821,365	Nebraska	332,287	546,162
Arizona	565,170	643,743	Nevada	159,019	155,780
Arkansas	627,880	799,034	New Hampshire	24,962	23,460
California	74,271	84,490	New Jersey	59,120	47,628
Colorado	335,009	506,131	New Mexico	478,404	854,227
Connecticut	23,797	20,599	New York	191,914	220,834
Delaware	14,285	15,840	North Carolina	465,387	528,092
D.C.	567	783	North Dakota	163,647	291,277
Florida	901,381	1,383,228	Ohio	421,230	460,074
Georgia	585,944	797,159	Oklahoma	722,025	1,034,890
Idaho	47,594	80,563	Oregon	28,362	51,954
Illinois	632,990	808,047	Pennsylvania	393,759	317,964
Indiana	415,031	504,167	Rhode Island	3,160	2,579
Iowa	370,899	628,511	South Carolina	358,664	447,014
Kansas	556,313	910,740	South Dakota	283,100	394,697
Kentucky	569,187	551,572	Tennessee	514,979	588,187
Louisiana	899,598	909,274	Texas	2,594,152	2,892,486
Maine	45,415	49,254	Utah	160,227	242,192
Maryland	79,288	88,782	Vermont	31,956	28,352
Massachusetts	22,283	25,351	Virginia	314,288	348,233
Michigan	244,428	297,422	Washington	35,042	21,418
Minnesota	366,722	384,869	West Virginia	210,610	210,169
Mississippi	736,152	866,997	Wisconsin	235,440	299,518
Missouri	720,317	1,026,432	Wyoming	148,754	291,409
Montana	201,582	347,203			
			TOTALS	18,111,343	22,849,146

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 2012

State	Flashes Per Year	Flashes Per Square Mile	State	Flashes Per Year	Flashes Per Square Mile
1. Florida	1,382,228	24.1	26. Pennsylvania	317,964	7.0
2. Louisiana	909,274	19.6	27. New Jersey	47,628	6.2
3. Mississippi	866,997	18.2	28. Arizona	643,743	5.6
4. Alabama	821,365	15.9	29. Wisconsin	299,518	5.4
5. Arkansas	799,034	15.0	30. Michigan	297,422	5.1
6. Missouri	1,026,432	14.8	31. South Dakota	394,697	5.1
7. Oklahoma	1,034,890	14.8	32. Colorado	506,131	4.9
8. South Carolina	447,014	14.4	33. Minnesota	384,869	4.6
9. Illinois	808,047	14.3	34. New York	220,834	4.6
10. Indiana	504,167	14.0	35. Connecticut	20,599	4.2
11. Tennessee	588,187	14.0	36. North Dakota	291,277	4.1
12. Kentucky	551,572	13.8	37. Massachusetts	25,351	3.1
13. Georgia	797,159	13.5	38. Vermont	28,352	3.0
14. D.C.	783	11.5	39. Wyoming	291,409	3.0
15. Iowa	628,511	11.1	40. Utah	242,192	2.9
16. Kansas	910,740	11.1	41. New Hampshire	23,460	2.5
17. Ohio	460,074	11.1	42. Montana	347,203	2.4
18. Texas	2,892,486	10.9	43. Rhode Island	2,579	2.4
19. North Carolina	528,092	10.6	44. Maine	49,254	1.5
20. Maryland	88,782	8.9	45. Nevada	155,780	1.4
21. Virginia	348,233	8.7	46. Idaho	80,563	1.0
22. West Virginia	210,169	8.7	47. California	84,490	0.5
23. Delaware	15,840	8.0	48. Oregon	51,954	0.5
24. Nebraska	546,162	7.1	49. Washington	21,418	0.3
25. New Mexico	854,227	7.0			

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