

Total Lightning Counts by State from 2015 to 2019

State	Total Lightning in 2019	Average Total Lightning 2015 to 2019	State	Total Lightning in 2019	Average Total Lightning 2015 to 2019
Alabama	3,970,233	5,773,460	Montana	4,615,334	3,279,453
Alaska	383,291	178,190	Nebraska	7,950,231	7,075,965
Arizona	1,841,300	3,218,418	Nevada	721,732	819,506
Arkansas	7,442,101	7,751,123	New Hampshire	65,903	73,567
California	432,207	573,698	New Jersey	425,948	280,137
Colorado	3,704,799	3,624,165	New Mexico	5,124,315	5,801,425
Connecticut	87,830	75,534	New York	888,031	874,719
Delaware	180,209	158,376	North Carolina	3,641,417	3,822,814
D.C.	8,005	7,195	North Dakota	3,188,018	3,218,965
Florida	13,049,687	13,989,300	Ohio	2,656,035	2,687,381
Georgia	5,027,333	6,200,040	Oklahoma	14,772,145	14,945,260
Hawaii	11,893	34,560	Oregon	438,082	299,376
Idaho	635,686	531,612	Pennsylvania	2,235,310	1,709,831
Illinois	8,138,020	7,332,826	Rhode Island	12,364	10,538
Indiana	2,867,912	3,313,921	South Carolina	3,168,624	3,104,288
Iowa	5,847,072	5,403,453	South Dakota	5,049,342	5,246,220
Kansas	13,804,461	10,877,294	Tennessee	4,564,958	4,943,089
Kentucky	4,128,159	5,066,943	Texas	47,397,975	41,083,472
Louisiana	8,102,341	9,755,992	Utah	801,457	1,040,446
Maine	136,335	140,194	Vermont	66,240	85,269
Maryland	874,327	818,854	Virginia	2,924,380	2,784,901
Massachusetts	81,569	72,605	Washington	258,368	140,259
Michigan	1,911,278	1,674,197	West Virginia	1,140,587	1,198,725
Minnesota	3,851,896	3,514,736	Wisconsin	2,081,049	1,922,736
Mississippi	5,879,270	7,062,020	Wyoming	3,383,728	2,632,030
Missouri	13,415,285	11,001,683			
			TOTALS	222,988,888	216,978,014

Total lightning counts were measured over land areas within state borders. Contiguous U.S. state data are from the National Lightning Detection Network® (NLDN®). Alaska and Hawaii data are from the Global Lightning Dataset® (GLD360®) network. Both networks are owned and operated by Vaisala.

Rank of Total Lightning Count Densities by State from 2015 to 2019

State	Ave. Total Lightning Counts Per Year	Total Lightning Counts Per Square Mile	State	Ave. Total Lightning Counts Per Year	Total Lightning Counts Per Square Mile
1. Florida	13,989,300	244.1	27. North Dakota	3,218,965	45.7
2. Oklahoma	14,945,260	213.8	28. Minnesota	3,514,736	41.7
3. Louisiana	9,755,992	210.7	29. Pennsylvania	1,709,831	37.7
4. Missouri	11,001,683	158.2	30. New Jersey	280,137	36.7
5. Texas	41,083,472	154.9	31. Colorado	3,624,165	34.8
6. Mississippi	7,062,020	148.1	32. Wisconsin	1,922,736	34.4
7. Arkansas	7,751,123	145.6	33. Michigan	1,674,197	28.9
8. Kansas	10,877,294	132.5	34. Arizona	3,218,418	28.2
9. Illinois	7,332,826	130.2	35. Wyoming	2,632,030	27.0
10. Kentucky	5,066,943	126.3	36. Montana	3,279,453	22.4
11. Tennessee	4,943,089	117.7	37. New York	874,719	18.0
12. Alabama	5,773,460	110.7	38. Connecticut	75,534	15.3
13. D.C.	7,195	106.0	39. Utah	1,040,446	12.3
14. Georgia	6,200,040	105.1	40. Rhode Island	10,538	9.8
15. South Carolina	3,104,288	100.1	41. Massachusetts	72,605	9.0
16. Iowa	5,403,453	95.7	42. Vermont	85,269	9.0
17. Indiana	3,313,921	91.8	43. New Hampshire	73,567	7.9
18. Nebraska	7,075,965	91.7	44. Nevada	819,506	7.4
19. Maryland	818,854	82.4	45. Idaho	531,612	6.4
20. Delaware	158,376	79.8	46. Maine	140,194	4.3
21. North Carolina	3,822,814	77.0	47. California	573,698	3.6
22. Virginia	2,784,901	69.4	48. Hawaii	34,560	3.2
23. South Dakota	5,246,220	68.2	49. Oregon	299,376	3.1
24. Ohio	2,687,381	65.0	50. Washington	140,259	2.1
25. West Virginia	1,198,725	49.5	51. Alaska	178,190	0.3
26. New Mexico	5,801,425	47.7			

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