NWS Data Sets for Use With the AERMOD Model

County Number	County Name	Weather Data Set	County Number	County Name	Weather Data Set
1	Alamance	G	51	Johnston	R
2	Alexander	NA	52	Jones	B
3	Alleghany	NA	53	Lee	R
4	Anson	C	54	Lenoir	R
5	Ashe	NA	55	Lincoln	NA[2]
6	Avery	NA	56	McDowell	NA
7	Beaufort	B	57	Macon	NA
8	Bertie	N	58	Madison	NA
9	Bladen	W	59	Martin	N
10	Brunswick	W	60	Mecklenburg	C
11	Buncombe	NA	61	Mitchell	NA
12	Burke	NA[1]	62	Montgomery	C
13	Cabarrus	C	63	Moore	R
14	Caldwell	NA	64	Nash	R
15	Camden	N	65	New Hanover	W
16	Carteret	B	66	North Hampton	R
17	Caswell	G	67	Onslow	B
18	Catawba	NA[1]	68	Orange	R
19	Chatham	R	69	Pamlico	B
20	Cherokee	NA	70	Pasquotank	N
21	Chowan	N	71	Pender	W
22	Clay	NA	72	Perquimans	N
23	Cleveland	NA[2]	73	Person	R
24	Columbus	W	74	Pitt	R
25	Craven	B	75	Polk	NA
26	Cumberland	R	76	Randolph	G
27	Currituck	N	77	Richmond	C
28	Dare	H	78	Robeson	R
29	Davidson	G	79	Rockingham	G
30	Davie	G	80	Rowan	C
31	Duplin	W	81	Rutherford	NA
32	Durham	R	82	Sampson	R
33	Edgecombe	R	83	Scotland	R
34	Forsyth	G	84	Stanly	C
35	Franklin	R	85	Stokes	G
36	Gaston	C	86	Surry	G
37	Gates	N	87	Swain	NA
38	Graham	NA	88	Transylvania	NA
39	Granville	R	89	Tyrrell	N
40	Greene	R	90	Union	C
41	Guilford	G	91	Vance	R
42	Halifax	R	92	Wake	R
43	Harnett	R	93	Warren	R
44	Haywood	NA	94	Washington	N
45	Henderson	NA	95	Watauga	NA
46	Hertford	N	96	Wayne	R
47	Hoke	R	97	Wilkes	NA
48	Hyde	B	98	Wilson	R
49	Iredell	C	99	Yadkin	G
50	Jackson	NA	100	Yancey	NA

R - Raleigh/Greensboro
C - Charlotte/Greensboro
N - Norfolk/Wallops Island
B - Beaufort/Newport
G - Greensboro/Greensboro
W - Wilmington/Charleston
H - Hatteras/Norfolk

NA - These counties are located in areas where terrain features are such that site specific data may be the only option for conducting refined modeling. Contact the AQAB to determine the most representative NWS data set, if any, or the most appropriate modeling methodology.

[1] - The Hickory/Greensboro meteorological data set should be used for locations within Hickory; for other locations within Catawaba Co., Hickory/Greensboro or Charlotte/Greensboro data, where applicable, may be used but will require prior approval from the AQAB.

[2] - The Hickory/Greensboro or Charlotte/Greensboro data, where applicable, may be used but will require prior approval from the AQAB.